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U. S. Nuclear Regulatory Commission
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Subject: Duke Power Company, Oconee Nuclear Station, Unit 3
Docket Number 50-270
EOC-19 Refueling Outage, December 2001
Steam Generator Inservice Inspection - Three-Month Report

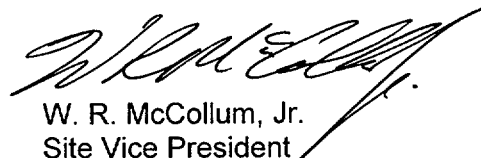
As required by Technical Specification 5.6.8.b, the results of the Steam Generator Tube Inservice Inspection performed during the Unit 3 End of Cycle 19 refueling outage are submitted as Attachment A for your review.

Enclosure B provides a supplemental Inspection Assessment we believe will be helpful in reviewing the overall results of our steam generator inspections. Enclosure B also provides a summary of estimated primary-to-secondary leakage from the SGs in their as-found condition following a postulated Loss of Coolant Accident. This summary is required by License Condition 6 described in NRC letter to Duke Energy Corporation, dated December 15, 2000.

Enclosure C provides a copy of the steam generator tube inservice inspection summary report provided to the NRC per American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, Article IWA-6230 for the subject refueling outage.

If there are any questions you may contact R. C. Douglas at (864) 885-3073.

Very truly yours,



W. R. McCollum, Jr.
Site Vice President

Attachments

A047

U. S. Nuclear Regulatory Commission
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xc w/attachments: Mr. Luis A. Reyes
 Regional Administrator, Region II

xc w/o attachments: Mr. M. C. Shannon
 NRC Senior Resident Inspector

 Mr. L. E. Olshan
 ONRR, Senior Project Manager

 Mr. Virgil R. Autry
 DHEC

Attachment A

Unit 3 End of Cycle 19
Steam Generator Inservice Inspection
Steam Generator Three Month Report

1. The following number of tubes were inspected from the inlet or outlet of the steam generators:

<u>Steam Generator</u>	<u>Quantity</u>	<u>Inspection Method</u>
A	14,854	Bobbin
A	14,854	MRPC
B	14,845	Bobbin
B	14,845	MRPC

2. The following information is submitted concerning tube indications of imperfections. (The attached lists identify the tubes with imperfections, their locations, and their size.)

<u>Steam Generator</u>	<u>Attachment</u>	<u>Inspection Method</u>
A	A-1	Bobbin
B	A-2	Bobbin
A	A-3	MRPC/Plus Point
B	A-4	MRPC/Plus Point

3. The following quantities of tubes were removed from service by plugging. (The tubes are identified in the attachments.)

<u>Steam Generator</u>	<u>Number of Tubes Removed from Service</u>	<u>Attachment</u>
A	165 for Eddy Current indications	A-5
	62 to capture non-stabilized plugged tube locations	A-6
B	81 for Eddy Current indications	A-7
	48 to capture non-stabilized plugged tube locations	A-8

4. The following number of tubes were repaired in the upper tube sheet by rerolling.
(The tubes are identified in the attachments):

<u>Steam Generator</u>	<u>Number of Tubes Repaired by Rerolling</u>	<u>Attachment</u>
A	* 12	A-9
B	** 14	A-10

* 11 of these remain in service, one was plugged.

** 13 of these remain in service, one was plugged.

5. No tubes were repaired by sleeving during this outage.

Summary of Attachments

<u>Attachment Number</u>	<u>Steam Generator</u>	<u>Description</u>
A-1	S/G A	Bobbin
A-2	S/G B	Bobbin
A-3	S/G A	MRPC and Plus Point
A-4	S/G B	MRPC and Plus Point
A-5	S/G A	Plugged Tubes
A-6	S/G B	Plugged Tubes
A-7	S/G A	Plugged Tubes
A-8	S/G B	Plugged Tubes
A-9	S/G A	Rerolled Tubes
A-10	S/G B	Rerolled Tubes

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	1	24.34	189	P 1	DNT		015	-0.29	UTE	LTE		69	OUTLET	510UL
		59.81	185	P 1	DNT		015	+0.51	UTE	LTE		69	OUTLET	510UL
		0.70	93	3	NQI		013	+4.14	UTE	LTE		69	OUTLET	510UL
1	3	17.46	180	P 1	DNT		015	-0.44	UTE	LTE		69	OUTLET	510UL
		2.27	75	6	ADI		014	+31.55	UTE	LTE		69	OUTLET	510UL
1	5	13.06	189	P 1	DNT		UTS	-0.02	UTE	LTE		68	OUTLET	510UL
		0.61	99	3	NQI		015	+1.37	UTE	LTE		68	OUTLET	510UL
		8.56	179	P 1	DNT		015	+0.73	UTE	LTE		68	OUTLET	510UL
		2.33	47	6	ADI		014	+31.85	UTE	LTE		68	OUTLET	510UL
1	9	0.41	114	3	NQI		010	+4.86	UTE	LTE		72	OUTLET	510UL
1	13	8.90	188	P 1	DNT		UTS	+0.00	UTE	LTE		72	OUTLET	510UL
1	15	0.31	105	3	NQI		011	+3.62	UTE	LTE		73	OUTLET	510UL
2	1	1.30	117	3	NQI		014	+29.04	UTE	LTE		69	OUTLET	510UL
		0.84	116	3	TWD 6		013	+4.96	UTE	LTE		69	OUTLET	510UL
		0.47	96	3	NQI		011	+18.43	UTE	LTE		69	OUTLET	510UL
		0.55	93	3	NQI		011	+17.89	UTE	LTE		69	OUTLET	510UL
		0.50	75	3	NQI		011	+17.39	UTE	LTE		69	OUTLET	510UL
		0.48	74	3	NQI		012	+8.64	UTE	LTE		69	OUTLET	510UL
		0.77	92	3	NQI		012	+8.13	UTE	LTE		69	OUTLET	510UL
		0.65	105	3	NQI		011	+25.28	UTE	LTE		69	OUTLET	510UL
2	2	0.65	132	3	NQI		013	+5.48	UTE	LTE		68	OUTLET	510UL
2	3	26.83	180	P 1	DNT		015	+0.40	UTE	LTE		98	OUTLET	510UL
		21.06	185	P 1	DNT		015	-0.40	UTE	LTE		98	OUTLET	510UL
		21.56	180	3	DNT		LTE	+10.49	UTE	LTE		98	OUTLET	510UL
2	6	0.34	112	3	NQI		007	+14.43	UTE	LTE		69	OUTLET	510UL
2	7	13.81	183	P 1	DNT		015	+0.51	UTE	LTE		68	OUTLET	510UL
		24.14	183	P 1	DNT		015	-0.64	UTE	LTE		68	OUTLET	510UL
		0.31	100	P 1	NQI		014	-0.35	UTE	LTE		68	OUTLET	510UL
2	9	0.59	93	P 1	NQI		015	-0.40	UTE	LTE		68	OUTLET	510UL
2	11	13.05	9	P 1	DNT		UTS	-0.15	UTE	LTE		68	OUTLET	510UL
		2.99	59	6	ADI		015	+32.69	UTE	LTE		68	OUTLET	510UL
		3.82	14	P 1	NQI		015	+0.79	UTE	LTE		68	OUTLET	510UL
2	14	0.36	72	P 1	NQI		011	+0.55	UTE	LTE		68	OUTLET	510UL
		0.37	122	P 1	NQI		013	+0.75	UTE	LTE		68	OUTLET	510UL
2	15	0.60	103	P 1	NQI		010	+0.60	UTE	LTE		72	OUTLET	510UL
2	17	10.40	186	P 1	DNT		UTS	-0.02	UTE	LTE		72	OUTLET	510UL
2	19	1.20	99	P 1	NQI		010	+0.44	UTE	LTE		72	OUTLET	510UL
2	21	0.37	93	P 1	NQI		010	-0.29	UTE	LTE		72	OUTLET	510UL
2	24	10.51	187	P 1	DNT		UTS	+0.00	UTE	LTE		73	OUTLET	510UL
2	25	15.33	191	P 1	DNT		UTS	+0.02	UTE	LTE		73	OUTLET	510UL
3	3	6.12	187	P 1	DNT		015	+0.64	UTE	LTE		69	OUTLET	510UL
		1.37	87	6	ADI		013	+4.56	UTE	LTE		69	OUTLET	510UL
3	4	25.50	183	P 1	DNT		015	-0.35	UTE	LTE		69	OUTLET	510UL
		1.33	63	6	ADI		014	+30.43	UTE	LTE		69	OUTLET	510UL
3	5	33.62	182	P 1	DNT		015	+0.53	UTE	LTE		68	OUTLET	510UL
		17.42	183	P 1	DNT		015	-0.64	UTE	LTE		68	OUTLET	510UL
		0.73	130	3	NQI		011	+5.76	UTE	LTE	TO+22.08	68	OUTLET	510UL
		0.69	103	3	NQI		013	+6.41	UTE	LTE		68	OUTLET	510UL
3	6	0.93	64	6	ADI		014	+31.61	UTE	LTE		69	OUTLET	510UL
		0.92	83	6	ADI		010	+20.47	UTE	LTE	TO+26.60	69	OUTLET	510UL
		0.35	80	3	NQI		003	+15.68	UTE	LTE		69	OUTLET	510UL
		2.65	129	3	NQI		015	-1.13	UTE	LTE		69	OUTLET	510UL
3	7	9.21	66	6	ADI		015	+26.05	UTE	LTE	TO+35.97	68	OUTLET	510UL
		42.41	183	P 1	DNT		015	-0.51	UTE	LTE		68	OUTLET	510UL
		17.97	177	P 1	DNT		015	+0.55	UTE	LTE		68	OUTLET	510UL
		14.74	182	3	DNT		LTE	+11.08	UTE	LTE		68	OUTLET	510UL
3	9	0.79	84	P 1	NQI		015	-1.19	UTE	LTE		69	OUTLET	510UL
3	10	23.77	179	P 1	DNT		015	-0.58	UTE	LTE		68	OUTLET	510UL
		5.54	110	3	NQI		015	-1.22	UTE	LTE		68	OUTLET	510UL
3	13	0.48	98	P 1	NQI		013	-0.51	UTE	LTE		69	OUTLET	510UL
3	14	3.01	103	P 1	NQI		015	+0.71	UTE	LTE		68	OUTLET	510UL
		0.29	103	P 1	NQI		014	+0.27	UTE	LTE		68	OUTLET	510UL
3	24	0.56	72	P 1	NQI		010	+0.51	UTE	LTE		72	OUTLET	510UL
3	25	0.52	91	P 1	NQI		010	+0.38	UTE	LTE		73	OUTLET	510UL
3	27	1.21	58	3	NQI		003	+3.46	UTE	LTE		73	OUTLET	510UL
3	29	0.82	71	P 1	NQI		011	-0.79	UTE	LTE		73	OUTLET	510UL
3	30	0.69	101	P 1	NQI		011	-0.80	UTE	LTE		72	OUTLET	510UL
4	4	17.44	187	P 1	DNT		UTS	+0.07	UTE	LTE		69	OUTLET	510UL
		13.40	178	P 1	DNT		015	+0.73	UTE	LTE		69	OUTLET	510UL
4	8	25.76	182	P 1	DNT		015	-0.55	UTE	LTE		68	OUTLET	510UL
		0.42	86	3	NQI		011	+6.49	UTE	LTE		68	OUTLET	510UL
4	10	18.26	180	P 1	DNT		015	+0.59	UTE	LTE		69	OUTLET	510UL
		7.39	194	P 1	DNT		015	-0.60	UTE	LTE		69	OUTLET	510UL
4	16	0.48	115	3	NQI		LTS	+9.43	UTE	LTE		69	OUTLET	510UL
4	28	0.45	106	3	NQI		009	+16.76	UTE	LTE		72	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
4	31	0.50	62	P 1	NQI		009	+0.22	UTE	LTE		73	OUTLET	510UL
4	37	0.41	87	3	NQI		014	+28.45	UTE	LTE		72	OUTLET	510UL
4	38	13.23	190	P 1	DNT		UTS	-0.02	UTE	LTE		73	OUTLET	510UL
		1.30	39	P 1	NQI		015	+0.49	UTE	LTE		73	OUTLET	510UL
4	39	12.58	187	P 1	DNT		UTS	-0.02	UTE	LTE		72	OUTLET	510UL
		0.71	74	P 2	NQI		015	+0.51	UTE	LTE		72	OUTLET	510UL
5	5	0.75	108	3	NQI		015	+2.45	UTE	LTE		68	OUTLET	510UL
		0.56	106	3	NQI		014	+32.94	UTE	LTE		68	OUTLET	510UL
		0.55	67	P 1	NQI		015	+0.93	UTE	LTE		68	OUTLET	510UL
5	8	17.19	193	P 1	DNT		UTS	+0.02	UTE	LTE		69	OUTLET	510UL
		0.71	104	3	TWD	24	015	+13.30	UTE	LTE		69	OUTLET	510UL
		0.59	99	3	NQI		014	+33.03	UTE	LTE		69	OUTLET	510UL
5	9	0.52	115	3	NQI		015	+13.36	UTE	LTE		68	OUTLET	510UL
		0.45	104	P 1	NQI		015	-0.51	UTE	LTE		68	OUTLET	510UL
		0.34	71	P 1	NQI		008	-0.73	UTE	LTE		68	OUTLET	510UL
		1.01	112	3	NQI		014	+33.58	UTE	LTE		68	OUTLET	510UL
5	11	0.54	105	3	NQI		005	+34.78	UTE	LTE		68	OUTLET	510UL
5	13	0.75	128	3	NQI		LTS	+21.57	UTE	LTE	TO+29.69	68	OUTLET	510UL
5	32	6.58	183	3	DNT		LTE	+17.63	UTE	LTE		73	OUTLET	510UL
5	42	0.40	100	3	NQI		003	+35.71	UTE	LTE		72	OUTLET	510UL
5	44	0.93	90	P 1	NQI		011	-0.80	UTE	LTE		73	OUTLET	510UL
6	4	0.38	103	3	NQI		010	+10.24	UTE	LTE		68	OUTLET	510UL
6	5	0.61	117	3	NQI		010	+8.72	UTE	LTE		69	OUTLET	510UL
6	9	0.44	71	P 1	NQI		008	-0.73	UTE	LTE		69	OUTLET	510UL
6	10	0.41	98	3	NQI		010	+3.48	UTE	LTE		68	OUTLET	510UL
6	11	0.46	100	P 1	NQI		008	-0.66	UTE	LTE		68	OUTLET	510UL
6	13	0.65	107	3	NQI		009	+23.18	UTE	LTE		69	OUTLET	510UL
6	14	0.36	125	3	NQI		014	+33.61	UTE	LTE		68	OUTLET	510UL
		0.38	99	3	NQI		014	+28.25	UTE	LTE		68	OUTLET	510UL
6	22	0.62	92	P 1	NQI		009	+0.36	UTE	LTE		69	OUTLET	510UL
		0.65	133	P 1	NQI		009	-0.60	UTE	LTE		69	OUTLET	510UL
6	33	0.95	127	P 1	NQI		009	-0.58	UTE	LTE		73	OUTLET	510UL
6	35	0.70	103	P 1	NQI		009	+0.31	UTE	LTE		72	OUTLET	510UL
6	39	0.45	102	3	NQI		014	+29.02	UTE	LTE		72	OUTLET	510UL
6	41	0.35	74	3	NQI		014	+29.69	UTE	LTE		72	OUTLET	510UL
6	49	10.08	187	P 1	DNT		UTS	+0.02	UTE	LTE		72	OUTLET	510UL
6	50	18.23	18	P 1	BLG		UTS	-0.20	UTE	LTE		73	OUTLET	510UL
		6.75	26	P 1	DWI		015	+0.78	UTE	LTE		73	OUTLET	510UL
		6.96	195	P 1	DNT		015	+0.38	UTE	LTE		73	OUTLET	510UL
7	7	0.49	87	P 1	NQI		008	-0.66	UTE	LTE		68	OUTLET	510UL
7	10	0.99	115	P 1	NQI		008	-0.66	UTE	LTE		69	OUTLET	510UL
7	12	0.61	55	3	NQI		009	+22.74	UTE	LTE	TO+29.47	69	OUTLET	510UL
7	13	0.36	92	3	NQI		013	+22.80	UTE	LTE		68	OUTLET	510UL
7	16	0.41	105	3	NQI		014	+30.22	UTE	LTE		68	OUTLET	510UL
7	18	22.55	176	3	DNT		UTS	+1.36	UTE	LTE		69	OUTLET	510UL
		16.65	178	3	DNT		UTS	+1.11	UTE	LTE		69	OUTLET	510UL
7	19	0.76	106	P 1	NQI		009	-0.60	UTE	LTE		68	OUTLET	510UL
7	20	0.46	109	P 1	NQI		009	-0.69	UTE	LTE		69	OUTLET	510UL
7	23	0.52	120	P 1	NQI		009	-0.64	UTE	LTE		68	OUTLET	510UL
7	34	0.33	75	3	NQI		014	+32.04	UTE	LTE		73	OUTLET	510UL
7	45	0.64	111	P 1	NQI		009	-0.69	UTE	LTE		72	OUTLET	510UL
7	48	0.55	107	3	NQI		005	+1.10	UTE	LTE		73	OUTLET	510UL
7	50	0.28	59	P 1	NQI		005	+0.26	UTE	LTE		73	OUTLET	510UL
7	51	11.37	185	P 1	DNT		UTS	+0.04	UTE	LTE		72	OUTLET	510UL
7	52	0.56	115	P 1	NQI		010	+0.46	UTE	LTE		73	OUTLET	510UL
8	6	0.37	102	P 1	NQI		010	-0.07	UTE	LTE		68	OUTLET	510UL
8	7	0.35	118	3	NQI		007	+21.54	UTE	LTE		69	OUTLET	510UL
8	8	0.80	96	P 1	NQI		008	+0.00	UTE	LTE		68	OUTLET	510UL
8	9	0.98	134	P 1	NQI		008	-0.68	UTE	LTE		69	OUTLET	510UL
8	11	0.63	91	P 1	NQI		008	-0.71	UTE	LTE		69	OUTLET	510UL
		0.43	58	P 1	NQI		015	+0.42	UTE	LTE		69	OUTLET	510UL
8	12	0.17	54	3	NQI		009	+21.89	UTE	LTE	TO+26.67	68	OUTLET	510UL
8	14	0.67	115	3	NQI		009	+25.46	UTE	LTE		69	OUTLET	510UL
8	20	0.41	103	P 1	NQI		009	-0.77	UTE	LTE		69	OUTLET	510UL
8	27	0.33	110	3	NQI		014	+1.24	UTE	LTE		69	OUTLET	510UL
8	37	0.26	87	3	NQI		LTS	+16.13	UTE	LTE		77	OUTLET	510UL
8	42	0.86	116	P 1	NQI		009	-0.64	UTE	LTE		76	OUTLET	510UL
8	49	0.55	123	P 1	NQI		009	-0.86	UTE	LTE		76	OUTLET	510UL
		0.46	105	P 1	NQI		009	+0.42	UTE	LTE		76	OUTLET	510UL
8	50	0.70	54	P 1	NQI		007	+0.64	UTE	LTE		77	OUTLET	510UL
9	8	0.58	96	3	NQI		009	+26.28	UTE	LTE		69	OUTLET	510UL
9	9	0.76	113	3	NQI		009	+24.88	UTE	LTE		68	OUTLET	510UL
9	10	0.84	96	3	NQI		009	+24.11	UTE	LTE	TO+31.36	69	OUTLET	510UL
9	11	0.66	108	3	NQI		009	+17.92	UTE	LTE	TO+31.87	68	OUTLET	510UL
9	13	0.99	98	3	NQI		009	+16.17	UTE	LTE	TO+33.39	68	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
9	16	0.30	82	3	NQI		009	+21.26	UTE	LTE		69	OUTLET	510UL
9	17	0.33	90	3	NQI		012	+9.51	UTE	LTE		68	OUTLET	510UL
9	21	0.38	106	3	NQI		002	+22.48	UTE	LTE		68	OUTLET	510UL
9	29	0.67	102	P 1	TWD	7	014	+1.22	UTE	LTE		68	OUTLET	510UL
9	42	0.41	91	3	NQI		014	+23.02	UTE	LTE		77	OUTLET	510UL
9	43	0.94	91	P 1	NQI		014	+0.80	UTE	LTE		76	OUTLET	510UL
9	54	0.51	94	3	NQI		009	+21.39	UTE	LTE		77	OUTLET	510UL
9	56	0.32	82	3	NQI		012	+25.98	UTE	LTE		76	OUTLET	510UL
		0.35	72	3	NQI		004	+28.94	UTE	LTE		76	OUTLET	510UL
9	57	0.48	86	3	NQI		009	+32.41	UTE	LTE		77	OUTLET	510UL
9	59	0.39	120	3	NQI		014	+1.63	UTE	LTE		77	OUTLET	510UL
10	1	0.49	72	P 1	NQI		007	-0.78	UTE	LTE		69	OUTLET	510UL
10	2	0.56	123	P 1	NQI		008	-0.71	UTE	LTE		68	OUTLET	510UL
10	4	0.48	65	3	NQI		UTS	-0.75	UTE	LTE		68	OUTLET	510UL
10	12	1.07	105	3	TWD	20	015	+36.26	UTE	LTE		68	OUTLET	510UL
		0.71	104	3	TWD	22	004	+17.91	UTE	LTE		68	OUTLET	510UL
		0.55	122	P 1	NQI		015	+0.99	UTE	LTE		68	OUTLET	510UL
10	18	0.41	140	P 1	NQI		008	-0.74	UTE	LTE		68	OUTLET	510UL
10	19	0.54	137	P 1	NQI		008	-0.74	UTE	LTE		69	OUTLET	510UL
		1.33	95	P 1	TWD	13	009	-0.51	UTE	LTE		69	OUTLET	510UL
10	20	0.33	90	3	NQI		013	+8.04	UTE	LTE		68	OUTLET	510UL
		0.66	96	3	NQI		010	+1.15	UTE	LTE		68	OUTLET	510UL
10	44	0.69	101	P 1	NQI		009	+0.27	UTE	LTE		78	OUTLET	510UL
10	58	0.54	83	3	NQI		009	+26.16	UTE	LTE		77	OUTLET	510UL
10	59	0.43	101	3	NQI		009	+28.62	TO+35.24	UTE	LTE	78	OUTLET	510UL
10	60	0.83	110	P 1	NQI		010	+0.53	UTE	LTE		77	OUTLET	510UL
10	61	0.47	99	3	TWD	30	012	+30.83	UTE	LTE		78	OUTLET	510UL
		0.30	110	3	TWD	7	012	+33.85	UTE	LTE		78	OUTLET	510UL
		0.39	87	3	NQI		012	+34.14	UTE	LTE		78	OUTLET	510UL
11	1	0.37	72	P 1	NQI		008	-0.77	UTE	LTE		69	OUTLET	510UL
11	2	0.17	102	P 1	NQI		014	+0.96	UTE	LTE		68	OUTLET	510UL
11	4	0.41	106	3	NQI		014	+1.26	UTE	LTE		68	OUTLET	510UL
11	5	0.35	113	3	NQI		014	+20.10	UTE	LTE		69	OUTLET	510UL
11	6	0.24	99	P 1	NQI		008	-0.31	UTE	LTE		68	OUTLET	510UL
11	13	0.39	90	3	NQI		009	+10.95	UTE	LTE		69	OUTLET	510UL
11	15	0.48	105	3	NQI		009	+8.58	TO+23.14	UTE	LTE	69	OUTLET	510UL
11	16	0.59	120	P 1	NQI		008	-0.77	UTE	LTE		68	OUTLET	510UL
11	22	0.51	137	P 1	NQI		007	-0.77	UTE	LTE		68	OUTLET	510UL
11	27	0.47	84	3	NQI		009	+11.27	UTE	LTE		69	OUTLET	510UL
11	33	0.55	122	3	NQI		007	+8.21	UTE	LTE		69	OUTLET	510UL
11	56	0.27	62	P 1	NQI		015	-0.02	UTE	LTE		77	OUTLET	510UL
11	59	0.58	98	3	NQI		009	+13.90	TO+36.91	UTE	LTE	78	OUTLET	510UL
11	61	0.68	110	3	NQI		009	+26.61	TO+37.29	UTE	LTE	77	OUTLET	510UL
11	68	0.45	82	3	NQI		015	+21.59	UTE	LTE		78	OUTLET	510UL
		1.11	110	P 1	NQI		015	+0.47	UTE	LTE		78	OUTLET	510UL
12	5	0.36	99	3	NQI		002	+15.37	UTE	LTE		69	OUTLET	510UL
12	12	0.32	111	3	NQI		005	+21.30	UTE	LTE		68	OUTLET	510UL
12	14	0.64	87	P 1	NQI		015	+0.44	UTE	LTE		68	OUTLET	510UL
12	42	0.33	103	3	TWD	22	UTS	+6.53	UTE	LTE		78	OUTLET	510UL
12	57	1.06	113	P 1	NQI		007	-0.80	UTE	LTE		77	OUTLET	510UL
12	58	0.78	102	P 1	NQI		009	+0.58	UTE	LTE		78	OUTLET	510UL
		0.48	78	P 1	NQI		008	+0.66	UTE	LTE		78	OUTLET	510UL
		0.41	73	P 1	NQI		008	+0.40	UTE	LTE		78	OUTLET	510UL
12	60	0.55	101	3	NQI		009	+12.46	TO+28.45	UTE	LTE	78	OUTLET	510UL
12	70	0.58	115	P 1	NQI		008	-0.60	UTE	LTE		78	OUTLET	510UL
		0.33	106	3	NQI		014	+31.06	UTE	LTE		78	OUTLET	510UL
12	71	9.55	191	P 1	DNT		UTS	+0.00	UTE	LTE		78	OUTLET	510UL
		0.23	106	P 1	NQI		015	-0.07	UTE	LTE		78	OUTLET	510UL
13	14	0.39	97	3	NQI		003	+4.11	UTE	LTE		68	OUTLET	510UL
13	31	0.81	83	P 1	NQI		011	-0.78	UTE	LTE		64	OUTLET	510UL
13	36	1.01	93	3	NQI		004	+12.57	UTE	LTE		65	OUTLET	510UL
13	44	0.64	81	P 1	NQI		001	+0.77	UTE	LTE		77	OUTLET	510UL
13	47	0.65	108	3	NQI		014	+1.13	UTE	LTE		78	OUTLET	510UL
13	55	0.23	112	3	TWD	2	008	+35.68	UTE	LTE		78	OUTLET	510UL
13	56	0.34	61	3	NQI		006	+14.34	UTE	LTE		77	OUTLET	510UL
13	63	0.36	49	3	NQI		009	+17.16	TO+29.84	UTE	LTE	78	OUTLET	510UL
		0.31	108	3	NQI		010	+6.46	UTE	LTE		78	OUTLET	510UL
13	64	0.63	115	3	NQI		009	+22.61	TO+27.29	UTE	LTE	77	OUTLET	510UL
13	65	0.59	104	3	NQI		009	+21.86	TO+33.63	UTE	LTE	78	OUTLET	510UL
13	72	10.15	20	P 1	DNT		UTS	-0.22	UTE	LTE		78	OUTLET	510UL
		0.40	101	P 1	NQI		010	-0.07	UTE	LTE		78	OUTLET	510UL
		0.49	77	P 1	NQI		012	+0.69	UTE	LTE		78	OUTLET	510UL
13	73	13.34	196	P 1	DNT		UTS	+0.11	UTE	LTE		77	OUTLET	510UL
		0.47	133	3	NQI		010	+14.70	UTE	LTE		77	OUTLET	510UL
		0.67	117	3	NQI		007	+5.61	UTE	LTE		77	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
13	74	11.59	15	P 1	NQI		015	+0.77	UTE	LTE		78	OUTLET	510UL
		9.52	192	P 1	DNT		015	+0.60	UTE	LTE		78	OUTLET	510UL
		16.23	187	P 1	DNT		UTS	-0.02	UTE	LTE		78	OUTLET	510UL
14	9	0.38	79	P 1	NQI		015	+0.29	UTE	LTE		65	OUTLET	510UL
14	11	0.59	84	3	NQI		014	+7.09	UTE	LTE		65	OUTLET	510UL
14	17	0.53	74	P 1	NQI		007	+0.71	UTE	LTE		65	OUTLET	510UL
14	19	1.01	140	P 1	NQI		007	-0.80	UTE	LTE		65	OUTLET	510UL
14	53	0.53	110	3	NQI		003	+22.89	UTE	LTE		77	OUTLET	510UL
14	58	0.28	99	3	NQI		010	+16.97	UTE	LTE		78	OUTLET	510UL
14	66	0.27	95	3	TWD	37	014	+15.85	UTE	LTE		78	OUTLET	510UL
		0.19	86	P 1	NQI		015	-0.11	UTE	LTE		78	OUTLET	510UL
		0.32	106	3	NQI		009	+19.63	UTE	LTE	TO+28.77	78	OUTLET	510UL
14	71	0.57	108	3	NQI		009	+34.83	UTE	LTE		77	OUTLET	510UL
14	74	15.27	12	P 1	DNT		UTS	-0.13	UTE	LTE		78	OUTLET	510UL
		0.32	87	P 1	NQI		010	+0.35	UTE	LTE		78	OUTLET	510UL
14	75	0.72	103	3	TWD	22	014	+32.39	UTE	LTE		78	OUTLET	510UL
15	5	1.10	98	P 1	NQI		009	+0.45	UTE	LTE		65	OUTLET	510UL
15	14	0.33	93	3	NQI		013	-1.33	UTE	LTE		65	OUTLET	510UL
15	61	0.30	89	3	NQI		014	+19.72	UTE	LTE		83	OUTLET	510UL
		0.30	118	3	NQI		014	+1.11	UTE	LTE		83	OUTLET	510UL
15	70	0.74	113	3	NQI		009	+28.04	UTE	LTE		83	OUTLET	510UL
15	75	0.39	85	P 1	NQI		014	+0.95	UTE	LTE		83	OUTLET	510UL
15	77	0.41	92	3	NQI		012	+25.83	UTE	LTE		83	OUTLET	510UL
		0.50	98	P 1	NQI		LTS	+0.60	UTE	LTE		83	OUTLET	510UL
		0.49	106	P 1	NQI		LTS	-0.52	UTE	LTE		83	OUTLET	510UL
16	1	0.37	108	3	NQI		012	+7.39	UTE	LTE		65	OUTLET	510UL
16	12	0.18	100	3	NQI		012	+25.87	UTE	LTE		64	OUTLET	510UL
16	28	7.99	188	3	DNT		008	+28.65	UTE	LTE		64	OUTLET	510UL
16	46	0.40	73	3	NQI		LTS	+26.02	UTE	LTE		83	OUTLET	510UL
16	59	10.40	186	3	DNT		005	+35.33	UTE	LTE		84	OUTLET	510UL
16	74	0.42	96	3	NQI		011	+19.87	UTE	LTE		84	OUTLET	510UL
		0.82	102	3	NQI		009	+20.43	UTE	LTE	TO+28.25	84	OUTLET	510UL
16	78	0.68	95	P 1	NQI		014	+0.73	UTE	LTE		83	OUTLET	510UL
17	1	0.57	75	P 1	NQI		UTS	-0.58	UTE	LTE		65	OUTLET	510UL
17	2	0.98	103	P 1	NQI		010	+0.47	UTE	LTE		64	OUTLET	510UL
17	5	0.47	87	P 1	NQI		008	+0.31	UTE	LTE		64	OUTLET	510UL
17	10	0.86	95	P 1	NQI		009	-0.77	UTE	LTE		65	OUTLET	510UL
17	73	0.64	112	3	NQI		009	+14.49	UTE	LTE	TO+25.44	83	OUTLET	510UL
17	74	0.80	107	3	NQI		009	+8.94	UTE	LTE	TO+29.78	84	OUTLET	510UL
		0.92	83	P 1	NQI		011	-0.79	UTE	LTE		84	OUTLET	510UL
17	75	1.45	104	3	NQI		009	+15.08	UTE	LTE	TO+29.98	83	OUTLET	510UL
17	76	0.90	116	3	NQI		009	+11.61	UTE	LTE	TO+29.56	84	OUTLET	510UL
17	77	0.71	95	3	NQI		009	+15.78	UTE	LTE	TO+30.11	83	OUTLET	510UL
17	78	1.16	123	3	NQI		009	+17.41	UTE	LTE	TO+25.85	84	OUTLET	510UL
17	79	2.01	106	P 1	NQI		014	+0.86	UTE	LTE		83	OUTLET	510UL
18	9	0.21	87	3	NQI		013	+24.74	UTE	LTE		60	OUTLET	510UL
18	10	0.72	98	P 1	NQI		009	-0.80	UTE	LTE		61	OUTLET	510UL
18	49	1.25	116	3	NQI		015	+40.69	UTE	LTE		83	OUTLET	510UL
		1.49	145	3	NQI		015	+40.29	UTE	LTE		83	OUTLET	510UL
18	62	0.27	97	P 1	NQI		015	+0.20	UTE	LTE		84	OUTLET	510UL
18	75	0.48	113	3	NQI		014	+1.04	UTE	LTE		83	OUTLET	510UL
18	76	0.67	108	P 1	NQI		014	+0.81	UTE	LTE		84	OUTLET	510UL
18	77	0.46	113	3	NQI		009	+12.90	UTE	LTE	TO+28.13	83	OUTLET	510UL
		38.61	176	3	DNT		LTS	+14.17	UTE	LTE		83	OUTLET	510UL
		0.96	106	P 1	NQI		014	+0.71	UTE	LTE		83	OUTLET	510UL
18	79	0.71	103	3	NQI		009	+16.55	UTE	LTE	TO+24.87	83	OUTLET	510UL
18	84	0.84	80	P 1	NQI		LTS	-0.02	UTE	LTE		84	OUTLET	510UL
		6.06	175	3	DNT		LTE	+10.27	UTE	LTE		84	OUTLET	510UL
18	85	0.39	95	3	NQI		003	+33.24	UTE	LTE		83	OUTLET	510UL
19	77	0.30	90	P 1	NQI		015	+0.46	UTE	LTE		84	OUTLET	510UL
		0.58	111	3	NQI		014	+1.12	UTE	LTE		84	OUTLET	510UL
19	79	0.30	70	P 1	NQI		014	+1.06	UTE	LTE		84	OUTLET	510UL
19	80	1.02	74	P 1	NQI		014	+0.70	UTE	LTE		83	OUTLET	510UL
20	10	0.23	84	P 1	NQI		014	+0.20	UTE	LTE		60	OUTLET	510UL
20	38	0.34	84	P 1	NQI		014	+0.31	UTE	LTE		60	OUTLET	510UL
20	55	6.83	182	3	DNT		001	+29.08	UTE	LTE		84	OUTLET	510UL
20	58	0.31	99	P 1	NQI		014	+0.42	UTE	LTE		83	OUTLET	510UL
20	78	0.69	49	P 1	NQI		007	+0.71	UTE	LTE		84	OUTLET	510UL
21	5	0.72	97	P 1	NQI		009	-0.51	UTE	LTE		60	OUTLET	510UL
21	6	0.91	106	P 1	NQI		010	+0.53	UTE	LTE		61	OUTLET	510UL
21	33	0.68	103	P 1	NQI		015	+0.75	UTE	LTE		60	OUTLET	510UL
21	46	0.63	57	3	NQI		002	+33.09	UTE	LTE		83	OUTLET	510UL
21	52	0.81	106	P 1	NQI		014	+0.49	UTE	LTE		84	OUTLET	510UL
21	62	0.54	104	3	NQI		014	+27.83	UTE	LTE		84	OUTLET	510UL
22	26	0.38	95	3	NQI		014	+9.83	UTE	LTE		60	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
===	====	=====	==	===	===	=====	=====	==	==	=====	=====	=====	=====	=====
22	41	0.42	68	3	NQI		015	+32.53	UTE	LTE		61	OUTLET	510UL
22	51	6.86	188	3	DNT		002	+5.94	UTE	LTE		84	OUTLET	510UL
22	70	0.27	73	3	NQI		002	+17.75	UTE	LTE		83	OUTLET	510UL
22	73	0.32	113	3	NQI		001	+30.65	UTE	LTE		84	OUTLET	510UL
22	74	0.34	93	3	NQI		013	+11.81	UTE	LTE		83	OUTLET	510UL
22	91	0.69	88	P 1	NQI		010	+0.55	UTE	LTE		84	OUTLET	510UL
22	93	21.40	191	P 1	DNT		UTS	+0.02	UTE	LTE		84	OUTLET	510UL
		13.00	198	P 1	DNT		015	+0.64	UTE	LTE		84	OUTLET	510UL
		0.56	95	3	NQI		015	+15.93	UTE	LTE		84	OUTLET	510UL
23	1	1.09	66	P 1	NQI		UTS	+0.61	UTE	LTE		61	OUTLET	510UL
		0.70	65	P 1	NQI		009	-0.29	UTE	LTE		61	OUTLET	510UL
23	2	0.66	71	P 1	NQI		010	+0.38	UTE	LTE		61	OUTLET	510UL
23	3	0.54	127	3	NQI		009	+14.39	UTE	LTE		60	OUTLET	510UL
23	5	0.32	114	P 1	NQI		009	-0.54	UTE	LTE		60	OUTLET	510UL
23	23	6.63	192	3	DNT		LTE	+7.28	UTE	LTE		60	OUTLET	510UL
23	43	0.60	129	P 1	NQI		014	+0.73	UTE	LTE		60	OUTLET	510UL
23	44	20.44	180	3	DNT		LTS	+18.13	UTE	LTE		61	OUTLET	510UL
23	65	0.26	111	P 1	NQI		014	+0.24	UTE	LTE		87	OUTLET	510UL
23	80	0.70	77	3	NQI		003	+30.69	UTE	LTE		84	OUTLET	510UL
23	82	0.31	111	P 1	NQI		009	-0.15	UTE	LTE		84	OUTLET	510UL
23	93	17.59	191	P 1	DNT		UTS	-0.07	UTE	LTE		83	OUTLET	510UL
23	94	12.92	193	P 1	DNT		UTS	+0.00	UTE	LTE		84	OUTLET	510UL
		0.94	100	P 1	NQI		011	-0.82	UTE	LTE		84	OUTLET	510UL
24	4	0.55	81	P 1	NQI		009	+0.47	UTE	LTE		60	OUTLET	510UL
24	5	0.51	80	P 1	NQI		009	-0.31	UTE	LTE		61	OUTLET	510UL
		0.88	99	P 1	NQI		010	+0.45	UTE	LTE		61	OUTLET	510UL
24	14	0.52	107	3	NQI		004	+10.11	UTE	LTE		60	OUTLET	510UL
24	44	0.68	101	P 1	NQI		014	+0.20	UTE	LTE		60	OUTLET	510UL
		0.37	114	P 1	NQI		014	+0.73	UTE	LTE		60	OUTLET	510UL
24	94	12.09	25	P 1	BLG		UTS	-0.13	UTE	LTE		88	OUTLET	510UL
25	15	0.32	76	3	NQI		008	+10.76	UTE	LTE		60	OUTLET	510UL
25	26	0.30	89	3	NQI		013	+31.68	UTE	LTE		61	OUTLET	510UL
25	41	0.26	81	3	NQI		009	+18.73	UTE	LTE		60	OUTLET	510UL
		0.28	104	3	NQI		007	+36.78	UTE	LTE		60	OUTLET	510UL
25	46	0.35	103	3	NQI		015	+17.57	UTE	LTE		61	OUTLET	510UL
25	83	0.55	108	3	NQI		015	+33.94	UTE	LTE		87	OUTLET	510UL
25	94	0.92	100	P 1	NQI		009	-0.68	UTE	LTE		88	OUTLET	510UL
		1.18	87	P 1	NQI		009	+0.55	UTE	LTE		88	OUTLET	510UL
25	95	0.90	61	P 1	NQI		008	+0.51	UTE	LTE		87	OUTLET	510UL
26	37	0.52	80	3	NQI		002	+15.60	UTE	LTE		61	OUTLET	510UL
26	54	0.61	72	3	NQI		010	+16.52	UTE	LTE		88	OUTLET	510UL
26	89	0.26	98	P 1	NQI		009	-0.42	UTE	LTE		87	OUTLET	510UL
26	92	0.84	95	P 1	NQI		008	-0.58	UTE	LTE		88	OUTLET	510UL
27	41	0.24	98	3	NQI		015	+8.04	UTE	LTE		57	OUTLET	510UL
27	57	0.55	84	3	NQI		004	+16.85	UTE	LTE		88	OUTLET	510UL
27	68	0.46	73	P 1	NQI		014	+0.38	UTE	LTE		87	OUTLET	510UL
27	72	0.35	77	P 1	NQI		015	+0.40	UTE	LTE		87	OUTLET	510UL
27	78	0.38	94	3	NQI		004	+23.65	UTE	LTE		87	OUTLET	510UL
27	92	0.56	109	3	NQI		010	+10.55	UTE	LTE		88	OUTLET	510UL
27	98	1.14	79	P 1	NQI		011	-0.77	UTE	LTE		88	OUTLET	510UL
		0.88	87	3	NQI		014	+33.31	UTE	LTE		88	OUTLET	510UL
28	1	0.52	83	P 1	NQI		UTS	+0.64	UTE	LTE		57	OUTLET	510UL
28	2	0.42	95	P 1	NQI		010	+0.51	UTE	LTE		56	OUTLET	510UL
28	3	0.43	103	P 1	NQI		010	+0.60	UTE	LTE		98	OUTLET	510UL
28	6	0.50	106	P 1	NQI		009	-0.64	UTE	LTE		56	OUTLET	510UL
28	27	0.58	71	P 1	NQI		LTS	-0.29	UTE	LTE		57	OUTLET	510UL
28	37	0.41	78	3	NQI		012	+31.64	UTE	LTE	TO+35.72	56	OUTLET	510UL
		0.52	64	3	NQI		010	+29.38	UTE	LTE	TO+33.65	56	OUTLET	510UL
28	45	0.32	95	3	NQI		009	+21.97	UTE	LTE		56	OUTLET	510UL
28	55	0.57	68	3	NQI		006	+20.70	UTE	LTE		88	OUTLET	510UL
28	56	0.41	96	3	NQI		012	+20.57	UTE	LTE		87	OUTLET	510UL
28	64	0.29	82	3	NQI		011	+20.18	UTE	LTE		87	OUTLET	510UL
28	79	0.57	102	3	NQI		LTS	+40.70	UTE	LTE		88	OUTLET	510UL
28	90	0.43	99	P 1	NQI		001	+0.33	UTE	LTE		87	OUTLET	510UL
28	96	0.44	74	3	NQI		015	+22.69	UTE	LTE		87	OUTLET	510UL
29	2	1.10	104	P 1	NQI		010	-0.20	UTE	LTE		56	OUTLET	510UL
29	12	0.39	88	3	NQI		010	+22.12	UTE	LTE		56	OUTLET	510UL
29	13	0.34	105	3	NQI		008	+35.88	UTE	LTE		57	OUTLET	510UL
29	25	0.40	84	3	NQI		011	+3.20	UTE	LTE		57	OUTLET	510UL
29	56	0.47	93	P 1	NQI		014	+1.00	UTE	LTE		88	OUTLET	510UL
29	57	0.90	100	P 1	NQI		014	+1.00	UTE	LTE		87	OUTLET	510UL
29	59	0.33	102	P 1	NQI		014	+0.42	UTE	LTE		87	OUTLET	510UL
29	98	0.32	95	P 1	NQI		015	-0.18	UTE	LTE		88	OUTLET	510UL
		0.40	80	P 1	NQI		015	-0.46	UTE	LTE		88	OUTLET	510UL
29	103	0.31	97	3	NQI		014	+11.64	UTE	LTE		87	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
29	104	11.96	23	P 1	BLG		UTS	-0.11	UTE	LTE		88	OUTLET	510UL
		2.45	96	P 1	NQI		015	-0.79	UTE	LTE		88	OUTLET	510UL
30	1	0.93	98	3	NQI		015	+9.53	UTE	LTE		57	OUTLET	510UL
		3.18	127	3	NQI		015	+1.24	UTE	LTE		57	OUTLET	510UL
30	7	0.45	83	P 1	NQI		014	+0.44	UTE	LTE		56	OUTLET	510UL
30	19	0.26	82	3	NQI		010	+10.30	UTE	LTE		56	OUTLET	510UL
30	32	0.26	90	3	NQI		011	+7.88	UTE	LTE		57	OUTLET	510UL
		0.21	107	3	NQI		014	+18.61	UTE	LTE		57	OUTLET	510UL
30	50	16.13	180	3	DNT		001	+10.82	UTE	LTE		57	OUTLET	510UL
30	76	0.28	72	3	NQI		LTS	+12.22	UTE	LTE		87	OUTLET	510UL
30	80	0.79	97	P 1	NQI		014	+1.00	UTE	LTE		87	OUTLET	510UL
31	1	0.47	83	P 1	NQI		007	+0.41	UTE	LTE		57	OUTLET	510UL
31	2	0.54	86	P 1	NQI		012	+0.69	UTE	LTE		56	OUTLET	510UL
31	7	0.36	88	P 1	NQI		009	+0.38	UTE	LTE		56	OUTLET	510UL
31	8	0.56	105	P 1	NQI		010	+0.51	UTE	LTE		56	OUTLET	510UL
		0.34	82	3	NQI		011	+26.48	UTE	LTE		56	OUTLET	510UL
31	48	0.84	75	P 1	NQI		013	-0.91	UTE	LTE		53	OUTLET	510UL
31	56	0.72	120	3	NQI		015	+39.43	UTE	LTE		88	OUTLET	510UL
31	57	0.45	85	3	NQI		011	+24.14	UTE	LTE		87	OUTLET	510UL
		0.18	96	3	NQI		011	+22.00	UTE	LTE		87	OUTLET	510UL
		0.29	102	P 1	NQI		014	-0.49	UTE	LTE		87	OUTLET	510UL
31	59	0.29	95	3	NQI		011	+7.03	UTE	LTE		87	OUTLET	510UL
31	61	0.41	89	3	NQI		011	+2.94	UTE	LTE		87	OUTLET	510UL
31	71	0.32	106	P 1	NQI		015	+0.42	UTE	LTE		87	OUTLET	510UL
31	73	8.13	180	3	DNT		005	+35.31	UTE	LTE		87	OUTLET	510UL
31	74	0.61	98	3	NQI		009	+24.05	UTE	LTE		88	OUTLET	510UL
		0.39	89	3	NQI		008	+7.62	UTE	LTE		88	OUTLET	510UL
		1.01	99	3	NQI		006	+16.66	UTE	LTE		88	OUTLET	510UL
31	105	0.33	86	3	NQI		015	+37.29	UTE	LTE		87	OUTLET	510UL
32	1	0.56	94	3	NQI		015	+18.36	UTE	LTE		53	OUTLET	510UL
32	3	1.33	115	P 1	NQI		010	+0.67	UTE	LTE		52	OUTLET	510UL
32	14	0.57	104	3	NQI		007	+21.72	UTE	LTE		52	OUTLET	510UL
32	19	0.37	116	3	NQI		010	+30.83	UTE	LTE		53	OUTLET	510UL
32	57	0.29	101	3	NQI		011	+14.93	UTE	LTE	TO+17.38	87	OUTLET	510UL
32	69	0.30	106	3	NQI		014	+5.85	UTE	LTE		87	OUTLET	510UL
		0.33	72	3	NQI		007	+25.16	UTE	LTE		87	OUTLET	510UL
		0.22	78	3	NQI		007	+31.71	UTE	LTE		87	OUTLET	510UL
32	88	1.87	117	3	NQI		LTS	+21.50	UTE	LTE	TO+29.84	96	OUTLET	510UL
33	1	0.40	109	3	NQI		015	+16.27	UTE	LTE		53	OUTLET	510UL
		0.66	61	P 1	NQI		012	+0.67	UTE	LTE		53	OUTLET	510UL
33	2	0.25	115	3	NQI		014	+5.92	UTE	LTE		53	OUTLET	510UL
33	3	0.61	114	P 1	NQI		010	-0.36	UTE	LTE		52	OUTLET	510UL
		0.65	100	P 1	NQI		010	+0.64	UTE	LTE		52	OUTLET	510UL
33	6	0.59	133	P 1	NQI		010	+0.54	UTE	LTE		53	OUTLET	510UL
33	7	0.37	106	3	NQI		013	+14.36	UTE	LTE		52	OUTLET	510UL
		0.51	128	3	NQI		013	+7.78	UTE	LTE		52	OUTLET	510UL
		0.29	85	3	NQI		013	+7.49	UTE	LTE		52	OUTLET	510UL
33	17	0.58	72	3	DWI		013	+6.46	UTE	LTE		52	OUTLET	510UL
		1.08	172	3	DNT		013	+6.26	UTE	LTE		52	OUTLET	510UL
33	21	0.74	82	P 1	TWD	39	014	+0.94	UTE	LTE		53	OUTLET	510UL
33	53	0.30	81	3	NQI		010	+23.75	UTE	LTE		53	OUTLET	510UL
		0.23	104	3	NQI		010	+8.93	UTE	LTE		53	OUTLET	510UL
		0.21	112	3	NQI		010	+2.19	UTE	LTE		53	OUTLET	510UL
		0.27	100	3	NQI		009	+27.19	UTE	LTE		53	OUTLET	510UL
		0.42	124	3	NQI		005	+12.09	UTE	LTE		53	OUTLET	510UL
33	80	0.37	99	3	NQI		014	+26.77	UTE	LTE		95	OUTLET	510UL
		0.27	89	3	NQI		014	+17.52	UTE	LTE		95	OUTLET	510UL
33	98	0.60	65	3	NQI		003	+19.04	UTE	LTE		95	OUTLET	510UL
34	6	0.44	88	3	NQI		008	+37.44	UTE	LTE		53	OUTLET	510UL
34	13	0.59	118	P 1	NQI		008	-0.78	UTE	LTE		52	OUTLET	510UL
34	41	0.32	89	3	NQI		006	+19.87	UTE	LTE		53	OUTLET	510UL
34	45	0.39	83	P 1	NQI		014	+0.43	UTE	LTE		53	OUTLET	510UL
34	64	0.83	93	3	NQI		004	+9.78	UTE	LTE		96	OUTLET	510UL
34	84	0.62	84	3	NQI		004	+14.46	UTE	LTE		96	OUTLET	510UL
34	86	0.50	75	P 1	NQI		003	-0.82	UTE	LTE		96	OUTLET	510UL
34	87	0.63	98	P 1	NQI		015	-0.04	UTE	LTE		95	OUTLET	510UL
34	88	0.34	84	3	NQI		011	+5.32	UTE	LTE		95	OUTLET	510UL
34	89	2.82	88	P 1	NQI		001	+0.84	UTE	LTE		96	OUTLET	510UL
35	1	8.90	181	P 1	DNT		015	+0.75	UTE	LTE		53	OUTLET	510UL
35	2	1.24	106	3	TWD	18	015	+35.27	UTE	LTE		53	OUTLET	510UL
35	41	0.64	51	P 1	NQI		015	+0.62	UTE	LTE		53	OUTLET	510UL
35	42	0.49	88	P 1	NQI		014	+0.35	UTE	LTE		52	OUTLET	510UL
35	52	7.78	184	3	DNT		LTS	+18.34	UTE	LTE		53	OUTLET	510UL
35	64	0.15	83	P 1	NQI		014	+0.09	UTE	LTE		95	OUTLET	510UL
35	90	0.79	90	P 1	NQI		001	+0.91	UTE	LTE		95	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
35	98	0.49	82	3	NQI		013	+28.32	UTE	LTE			96	OUTLET	510UL
		0.34	82	3	NQI		001	+2.89	UTE	LTE			96	OUTLET	510UL
35	100	0.41	98	3	NQI		009	+29.12	UTE	LTE			96	OUTLET	510UL
35	101	0.38	101	3	NQI		003	+35.13	UTE	LTE			95	OUTLET	510UL
35	108	20.23	187	P 1	DNT		UTS	+0.02	UTE	LTE			96	OUTLET	510UL
		0.59	86	3	NQI		015	+44.93	UTE	LTE			96	OUTLET	510UL
		2.87	45	6	ADI		015	+32.27	UTE	LTE			96	OUTLET	510UL
		9.90	200	P 1	DNT		015	+0.57	UTE	LTE			96	OUTLET	510UL
36	1	0.38	113	3	NQI		010	+5.00	UTE	LTE			48	OUTLET	510UL
36	4	0.32	94	3	NQI		013	+14.47	UTE	LTE			47	OUTLET	510UL
36	11	0.25	84	3	NQI		004	+29.85	UTE	LTE			48	OUTLET	510UL
36	22	0.64	87	P 1	NQI		015	+0.52	UTE	LTE			48	OUTLET	510UL
36	44	0.47	88	P 1	NQI		015	+0.38	UTE	LTE			52	OUTLET	510UL
36	96	1.01	75	3	NQI		010	+29.10	UTE	LTE			96	OUTLET	510UL
36	108	0.75	132	P 1	NQI		008	-0.80	UTE	LTE			131	OUTLET	510UL
36	111	0.96	90	P 1	NQI		011	-0.82	UTE	LTE			96	OUTLET	510UL
		7.44	193	P 1	DNT		UTS	-0.02	UTE	LTE			96	OUTLET	510UL
		0.83	50	6	ADI		015	+26.21	UTE	LTE	TO+36.95		96	OUTLET	510UL
36	113	0.54	112	3	NQI		015	+35.25	UTE	LTE			131	OUTLET	510UL
37	4	1.04	122	3	NQI		014	+1.11	UTE	LTE			47	OUTLET	510UL
37	13	0.23	85	P 1	NQI		015	+0.25	UTE	LTE			48	OUTLET	510UL
37	22	0.58	106	3	TWD	18	008	+5.15	UTE	LTE			47	OUTLET	510UL
37	47	0.42	110	3	NQI		001	+27.95	UTE	LTE			48	OUTLET	510UL
37	51	0.29	102	3	NQI		015	+13.63	UTE	LTE			53	OUTLET	510UL
37	54	14.10	180	3	DNT		LTS	+18.18	UTE	LTE			52	OUTLET	510UL
38	3	0.83	110	P 1	NQI		014	+0.75	UTE	LTE			47	OUTLET	510UL
38	4	1.09	102	P 1	TWD	14	014	+1.11	UTE	LTE			47	OUTLET	510UL
38	66	0.28	79	3	NQI		LTS	+24.75	UTE	LTE			131	OUTLET	510UL
38	74	0.32	82	3	NQI		013	+9.74	UTE	LTE			96	OUTLET	510UL
38	99	0.37	80	P 1	NQI		001	-0.80	UTE	LTE			95	OUTLET	510UL
38	115	0.95	109	P 1	NQI		007	-0.79	UTE	LTE			97	OUTLET	510UL
		0.26	97	3	NQI		015	+35.18	UTE	LTE			97	OUTLET	510UL
39	35	0.30	98	3	NQI		014	+2.43	UTE	LTE			48	OUTLET	510UL
39	44	0.24	86	3	NQI		014	+7.07	UTE	LTE			47	OUTLET	510UL
39	57	6.36	184	P 1	DNT		LTS	-0.07	UTE	LTE			53	OUTLET	510UL
39	114	1.03	92	P 1	NQI		013	+0.91	UTE	LTE			97	OUTLET	510UL
39	115	0.68	115	3	NQI		012	+1.25	UTE	LTE			95	OUTLET	510UL
39	116	1.88	116	4	TWD	12	008	+26.20	UTE	LTE			97	OUTLET	510UL
		1.49	116	4	TWD	16	007	+24.03	UTE	LTE			97	OUTLET	510UL
		0.75	109	4	TWD	22	008	+3.07	UTE	LTE			97	OUTLET	510UL
40	2	0.50	109	P 1	NQI		013	-0.77	UTE	LTE			47	OUTLET	510UL
		0.56	95	P 1	NQI		015	+0.99	UTE	LTE			47	OUTLET	510UL
40	12	0.48	89	P 1	NQI		004	-0.75	UTE	LTE			47	OUTLET	510UL
40	39	0.41	82	3	NQI		014	+7.70	UTE	LTE			47	OUTLET	510UL
40	57	9.21	182	P 1	DNT		LTS	+0.00	UTE	LTE			52	OUTLET	510UL
40	59	7.44	182	P 1	DNT		LTS	+0.00	UTE	LTE			52	OUTLET	510UL
40	61	6.04	172	P 1	DNT		LTS	-0.02	UTE	LTE			97	OUTLET	510UL
40	76	0.24	96	P 1	NQI		014	+0.33	UTE	LTE			98	OUTLET	510UL
40	114	0.35	74	P 1	NQI		007	-0.80	UTE	LTE			98	OUTLET	510UL
40	115	0.79	90	P 1	NQI		012	+0.80	UTE	LTE			97	OUTLET	510UL
41	54	6.17	174	P 1	DNT		LTS	-0.07	UTE	LTE			45	OUTLET	510UL
41	55	6.42	181	P 1	DNT		LTS	-0.07	UTE	LTE			97	OUTLET	510UL
41	56	6.82	180	P 1	DNT		LTS	-0.07	UTE	LTE			41	OUTLET	510UL
41	57	6.77	181	P 1	DNT		LTS	-0.04	UTE	LTE			97	OUTLET	510UL
41	60	6.40	172	P 1	DNT		LTS	-0.04	UTE	LTE			101	OUTLET	510UL
41	63	6.21	170	P 1	DNT		LTS	-0.02	UTE	LTE			101	OUTLET	510UL
41	77	7.06	177	3	DNT		014	+15.68	UTE	LTE			101	OUTLET	510UL
41	87	0.49	111	3	NQI		006	+30.07	UTE	LTE			102	OUTLET	510UL
41	103	0.76	74	3	NQI		006	+25.79	UTE	LTE			102	OUTLET	510UL
41	112	0.94	103	P 1	NQI		LTE	+21.94	UTE	LTE			101	OUTLET	510UL
41	113	0.67	108	P 1	NQI		009	-0.77	UTE	LTE			102	OUTLET	510UL
41	116	10.86	6	P 1	BLG		UTS	-0.16	UTE	LTE			102	OUTLET	510UL
42	59	7.93	180	P 1	DNT		LTS	-0.09	UTE	LTE			41	OUTLET	510UL
42	60	7.46	176	P 1	DNT		LTS	-0.02	UTE	LTE			101	OUTLET	510UL
42	61	6.75	176	P 1	DNT		LTS	+0.00	UTE	LTE			101	OUTLET	510UL
42	62	8.36	170	P 1	DNT		LTS	-0.04	UTE	LTE			102	OUTLET	510UL
42	63	9.05	172	P 1	DNT		LTS	-0.02	UTE	LTE			101	OUTLET	510UL
42	64	10.70	174	P 1	DNT		LTS	-0.11	UTE	LTE			102	OUTLET	510UL
42	65	7.50	172	P 1	DNT		LTS	-0.24	UTE	LTE			101	OUTLET	510UL
42	66	7.18	172	P 1	DNT		LTS	-0.07	UTE	LTE			102	OUTLET	510UL
42	67	7.06	180	P 1	DNT		LTS	-0.04	UTE	LTE			101	OUTLET	510UL
42	68	6.55	179	P 1	DNT		LTS	-0.02	UTE	LTE			102	OUTLET	510UL
42	96	0.46	81	3	NQI		011	+26.22	UTE	LTE			101	OUTLET	510UL
42	116	8.38	185	P 1	DNT		UTS	+0.00	UTE	LTE			101	OUTLET	510UL
		0.72	136	3	NQI		014	+1.11	UTE	LTE			101	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.64	53	6	ADI		015	+35.10	TO+29.77	UTE	LTE	101	OUTLET	510UL
42	117	21.27	8	P 1	BLG		015	+0.90		UTE	LTE	102	OUTLET	510UL
		30.87	183	P 1	DNT		UTS	+0.17		UTE	LTE	102	OUTLET	510UL
		6.09	64	6	ADI		015	+29.63	TO+34.46	UTE	LTE	102	OUTLET	510UL
43	1	0.73	123	P 1	NQI		013	-0.89		UTE	LTE	40	OUTLET	510UL
43	7	0.56	87	P 1	NQI		008	+0.63		UTE	LTE	40	OUTLET	510UL
43	14	10.82	112	3	NQI		LTS	+22.77	TO+30.36	UTE	LTE	41	OUTLET	510UL
43	56	6.82	180	P 1	DNT		LTS	-0.11		UTE	LTE	41	OUTLET	510UL
43	57	13.25	185	P 1	DNT		LTS	-0.04		UTE	LTE	40	OUTLET	510UL
43	58	9.40	179	P 1	DNT		LTS	-0.04		UTE	LTE	41	OUTLET	510UL
43	59	9.56	179	P 1	DNT		LTS	-0.02		UTE	LTE	41	OUTLET	510UL
43	60	6.43	170	P 1	DNT		LTS	-0.02		UTE	LTE	101	OUTLET	510UL
43	61	9.62	175	P 1	DNT		LTS	-0.07		UTE	LTE	102	OUTLET	510UL
43	62	9.69	177	P 1	DNT		LTS	+0.02		UTE	LTE	101	OUTLET	510UL
43	63	11.63	177	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
43	64	14.03	174	P 1	DNT		LTS	+0.04		UTE	LTE	101	OUTLET	510UL
43	65	14.52	175	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
		7.53	189	3	DNT		UTS	+19.57		UTE	LTE	102	OUTLET	510UL
43	66	11.85	174	P 1	DNT		LTS	+0.02		UTE	LTE	101	OUTLET	510UL
		0.28	88	P 1	NQI		UTS	+5.95		UTE	LTE	101	OUTLET	510UL
43	67	10.62	173	P 1	DNT		LTS	-0.11		UTE	LTE	102	OUTLET	510UL
43	68	8.83	172	P 1	DNT		LTS	-0.04		UTE	LTE	101	OUTLET	510UL
43	69	11.99	174	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
43	70	7.87	178	P 1	DNT		LTS	-0.15		UTE	LTE	101	OUTLET	510UL
43	71	8.06	169	P 1	DNT		LTS	+0.02		UTE	LTE	102	OUTLET	510UL
43	73	0.30	82	3	NQI		013	+15.43		UTE	LTE	102	OUTLET	510UL
43	83	0.37	86	3	NQI		011	+17.19		UTE	LTE	102	OUTLET	510UL
43	116	1.29	98	P 1	NQI		009	-0.55		UTE	LTE	101	OUTLET	510UL
43	117	11.75	8	P 1	BLG		UTS	-0.18		UTE	LTE	102	OUTLET	510UL
		0.51	42	6	ADI		015	+31.95		UTE	LTE	102	OUTLET	510UL
44	4	0.59	92	P 1	TWD	39	010	+1.17		UTE	LTE	41	OUTLET	510UL
44	34	0.65	105	3	TWD	20	007	+3.88		UTE	LTE	41	OUTLET	510UL
44	38	0.41	105	3	TWD	22	013	+23.51		UTE	LTE	40	OUTLET	510UL
44	53	6.10	184	P 1	DNT		LTS	-0.07		UTE	LTE	40	OUTLET	510UL
44	54	6.84	172	P 1	DNT		LTS	-0.02		UTE	LTE	39	OUTLET	510UL
44	56	12.03	177	P 1	DNT		LTS	+0.00		UTE	LTE	39	OUTLET	510UL
44	57	13.54	184	P 1	DNT		LTS	-0.02		UTE	LTE	40	OUTLET	510UL
44	58	13.47	178	P 1	DNT		LTS	+0.00		UTE	LTE	39	OUTLET	510UL
44	61	8.09	177	P 1	DNT		LTS	-0.04		UTE	LTE	101	OUTLET	510UL
44	62	11.83	177	P 1	DNT		LTS	-0.02		UTE	LTE	102	OUTLET	510UL
44	63	11.45	176	P 1	DNT		LTS	-0.02		UTE	LTE	101	OUTLET	510UL
44	64	10.11	175	P 1	DNT		LTS	+0.02		UTE	LTE	102	OUTLET	510UL
44	65	14.58	177	P 1	DNT		LTS	-0.11		UTE	LTE	101	OUTLET	510UL
44	66	0.64	77	3	NQI		006	+25.86		UTE	LTE	102	OUTLET	510UL
		10.11	185	P 1	DNT		LTS	+0.07		UTE	LTE	102	OUTLET	510UL
44	67	8.19	176	P 1	DNT		LTS	-0.04		UTE	LTE	101	OUTLET	510UL
44	68	10.96	175	P 1	DNT		LTS	-0.02		UTE	LTE	102	OUTLET	510UL
44	69	10.29	176	P 1	DNT		LTS	-0.15		UTE	LTE	101	OUTLET	510UL
44	70	7.17	165	P 1	DNT		LTS	-0.02		UTE	LTE	102	OUTLET	510UL
44	71	11.41	176	P 1	DNT		LTS	-0.04		UTE	LTE	101	OUTLET	510UL
44	72	10.63	171	P 1	DNT		LTS	+0.09		UTE	LTE	102	OUTLET	510UL
44	73	10.08	170	P 1	DNT		LTS	-0.02		UTE	LTE	101	OUTLET	510UL
44	115	0.39	99	P 1	NQI		009	+0.20		UTE	LTE	101	OUTLET	510UL
44	116	0.67	91	P 1	NQI		014	+0.73		UTE	LTE	102	OUTLET	510UL
45	1	0.42	77	3	NQI		015	+23.80		UTE	LTE	36	OUTLET	510UL
45	32	0.36	115	P 1	NQI		014	-0.13		UTE	LTE	40	OUTLET	510UL
45	44	0.30	88	3	TWD	46	010	+17.13		UTE	LTE	40	OUTLET	510UL
		0.35	63	3	NQI		010	+15.41		UTE	LTE	40	OUTLET	510UL
		0.27	111	3	TWD	12	010	+15.18		UTE	LTE	40	OUTLET	510UL
45	46	6.23	185	P 1	DNT		LTS	-0.04		UTE	LTE	40	OUTLET	510UL
45	47	6.70	175	P 1	DNT		LTS	+0.00		UTE	LTE	39	OUTLET	510UL
45	50	0.25	88	3	NQI		011	+18.79		UTE	LTE	39	OUTLET	510UL
45	54	7.79	174	P 1	DNT		LTS	+0.00		UTE	LTE	39	OUTLET	510UL
45	55	7.61	184	P 1	DNT		LTS	-0.02		UTE	LTE	40	OUTLET	510UL
45	56	8.26	175	P 1	DNT		LTS	+0.00		UTE	LTE	39	OUTLET	510UL
45	57	12.36	184	P 1	DNT		LTS	-0.04		UTE	LTE	40	OUTLET	510UL
45	58	13.87	175	P 1	DNT		LTS	+0.02		UTE	LTE	39	OUTLET	510UL
45	59	0.96	94	3	NQI		015	+1.38		UTE	LTE	40	OUTLET	510UL
		16.61	184	P 1	DNT		LTS	-0.04		UTE	LTE	40	OUTLET	510UL
45	60	9.77	176	P 1	DNT		LTS	-0.02		UTE	LTE	39	OUTLET	510UL
45	61	7.87	178	P 1	DNT		LTS	+0.04		UTE	LTE	101	OUTLET	510UL
45	62	11.34	173	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
45	63	11.83	176	P 1	DNT		LTS	+0.02		UTE	LTE	101	OUTLET	510UL
45	64	0.47	79	3	NQI		009	+26.71		UTE	LTE	102	OUTLET	510UL
		0.30	95	3	NQI		007	+4.45		UTE	LTE	102	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		10.39	174	P 1	DNT		LTS	+0.09	UTE	LTE			102	OUTLET 510UL
45	65	13.61	175	P 1	DNT		LTS	+0.00	UTE	LTE			101	OUTLET 510UL
45	66	15.85	180	P 1	DNT		LTS	+0.04	UTE	LTE			102	OUTLET 510UL
45	67	12.92	177	P 1	DNT		LTS	-0.02	UTE	LTE			106	OUTLET 510UL
45	68	10.61	180	P 1	DNT		LTS	-0.04	UTE	LTE			107	OUTLET 510UL
45	69	16.58	177	P 1	DNT		LTS	-0.07	UTE	LTE			106	OUTLET 510UL
45	70	13.12	179	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET 510UL
45	72	0.51	76	3	NQI		011	+19.06	UTE	LTE			106	OUTLET 510UL
		8.01	174	P 1	DNT		LTS	+0.07	UTE	LTE			106	OUTLET 510UL
45	73	12.51	179	P 1	DNT		LTS	-0.11	UTE	LTE			107	OUTLET 510UL
		0.56	104	P 1	NQI		014	+0.49	UTE	LTE			107	OUTLET 510UL
45	74	17.31	178	P 1	DNT		LTS	+0.02	UTE	LTE			106	OUTLET 510UL
45	75	7.56	183	P 1	DNT		LTS	+0.04	UTE	LTE			107	OUTLET 510UL
45	76	6.61	178	P 1	DNT		LTS	-0.13	UTE	LTE			106	OUTLET 510UL
45	112	0.47	111	3	NQI		002	+35.52	UTE	LTE			107	OUTLET 510UL
45	113	0.77	117	P 1	NQI		003	+0.69	UTE	LTE			106	OUTLET 510UL
45	117	0.60	96	P 1	NQI		014	+0.93	UTE	LTE			106	OUTLET 510UL
46	3	0.40	103	3	NQI		009	+38.65	UTE	LTE			35	OUTLET 510UL
46	7	6.59	176	3	DNT		LTE	+10.98	UTE	LTE			35	OUTLET 510UL
		0.67	113	3	NQI		015	+1.25	UTE	LTE			35	OUTLET 510UL
46	39	0.30	121	P 1	NQI		014	+0.96	UTE	LTE			35	OUTLET 510UL
46	47	6.86	182	P 1	DNT		LTS	+0.00	UTE	LTE			35	OUTLET 510UL
46	54	9.63	184	P 1	DNT		LTS	-0.07	UTE	LTE			36	OUTLET 510UL
46	55	9.11	181	P 1	DNT		LTS	-0.02	UTE	LTE			35	OUTLET 510UL
46	56	12.99	178	P 1	DNT		LTS	-0.02	UTE	LTE			36	OUTLET 510UL
46	57	15.26	180	P 1	DNT		LTS	+0.00	UTE	LTE			35	OUTLET 510UL
46	58	15.38	181	P 1	DNT		LTS	+0.00	UTE	LTE			36	OUTLET 510UL
46	59	1.10	110	3	TWD	10	015	+1.78	UTE	LTE			35	OUTLET 510UL
		16.34	181	P 1	DNT		LTS	+0.02	UTE	LTE			35	OUTLET 510UL
46	60	12.22	181	P 1	DNT		LTS	-0.02	UTE	LTE			97	OUTLET 510UL
46	61	11.89	177	P 1	DNT		LTS	+0.02	UTE	LTE			106	OUTLET 510UL
46	62	12.38	174	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET 510UL
46	63	14.01	177	P 1	DNT		LTS	+0.33	UTE	LTE			107	OUTLET 510UL
46	65	15.17	175	P 1	DNT		LTS	+0.09	UTE	LTE			106	OUTLET 510UL
46	66	12.39	175	P 1	DNT		LTS	-0.02	UTE	LTE			106	OUTLET 510UL
46	67	17.11	180	P 1	DNT		LTS	+0.02	UTE	LTE			107	OUTLET 510UL
46	68	0.31	105	3	NQI		015	+32.77	UTE	LTE			106	OUTLET 510UL
		0.30	77	3	NQI		LTS	+39.85	UTE	LTE			106	OUTLET 510UL
		23.51	176	P 1	DNT		LTS	+0.11	UTE	LTE			106	OUTLET 510UL
46	69	16.12	181	P 1	DNT		LTS	+0.07	UTE	LTE			107	OUTLET 510UL
46	70	15.49	175	P 1	DNT		LTS	+0.09	UTE	LTE			106	OUTLET 510UL
46	71	16.94	179	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET 510UL
46	72	26.91	176	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET 510UL
46	73	17.12	180	P 1	DNT		LTS	+0.02	UTE	LTE			107	OUTLET 510UL
46	74	12.64	176	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET 510UL
46	75	9.39	182	P 1	DNT		LTS	-0.11	UTE	LTE			107	OUTLET 510UL
46	77	0.46	76	P 1	NQI		014	+0.36	UTE	LTE			107	OUTLET 510UL
		6.26	182	P 1	DNT		LTS	-0.02	UTE	LTE			107	OUTLET 510UL
46	78	7.17	179	P 1	DNT		LTS	-0.17	UTE	LTE			106	OUTLET 510UL
46	92	0.30	81	3	NQI		001	+13.83	UTE	LTE			106	OUTLET 510UL
46	94	0.22	102	3	NQI		014	+11.17	UTE	LTE			106	OUTLET 510UL
		0.21	69	3	NQI		014	+10.77	UTE	LTE			106	OUTLET 510UL
46	105	0.43	103	3	NQI		015	+36.49	UTE	LTE			107	OUTLET 510UL
46	116	0.32	90	P 1	NQI		006	-0.42	UTE	LTE			106	OUTLET 510UL
46	119	0.96	122	3	NQI		010	+1.35	UTE	LTE			107	OUTLET 510UL
47	1	0.31	95	3	NQI		015	+18.91	UTE	LTE			36	OUTLET 510UL
47	7	12.41	177	3	DNT		LTE	+10.93	UTE	LTE			36	OUTLET 510UL
47	51	7.06	184	P 1	DNT		LTS	-0.07	UTE	LTE			36	OUTLET 510UL
47	52	6.89	182	P 1	DNT		LTS	-0.04	UTE	LTE			35	OUTLET 510UL
47	53	10.00	184	P 1	DNT		LTS	-0.07	UTE	LTE			36	OUTLET 510UL
47	54	7.79	184	P 1	DNT		LTS	-0.04	UTE	LTE			35	OUTLET 510UL
47	55	9.07	180	P 1	DNT		LTS	+0.02	UTE	LTE			36	OUTLET 510UL
47	56	13.62	180	P 1	DNT		LTS	-0.02	UTE	LTE			35	OUTLET 510UL
47	57	25.43	182	P 1	DNT		LTS	-0.02	UTE	LTE			36	OUTLET 510UL
		0.49	80	3	NQI		015	+31.21	UTE	LTE			36	OUTLET 510UL
47	58	17.46	180	P 1	DNT		LTS	+0.00	UTE	LTE			35	OUTLET 510UL
47	59	30.33	182	P 1	DNT		LTS	+0.09	UTE	LTE			36	OUTLET 510UL
47	60	28.93	181	P 1	DNT		LTS	+0.09	UTE	LTE			35	OUTLET 510UL
47	61	20.44	180	P 1	DNT		LTS	+0.04	UTE	LTE			35	OUTLET 510UL
47	62	12.50	178	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET 510UL
47	63	0.90	89	P 1	NQI		015	+0.82	UTE	LTE			107	OUTLET 510UL
		17.45	181	P 1	DNT		LTS	+0.35	UTE	LTE			107	OUTLET 510UL
47	64	21.17	175	P 1	DNT		LTS	-0.04	UTE	LTE			106	OUTLET 510UL
47	65	13.26	178	P 1	DNT		LTS	+0.40	UTE	LTE			107	OUTLET 510UL
47	66	8.43	174	P 1	DNT		LTS	+0.07	UTE	LTE			106	OUTLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
47	67	10.04	176	P 1	DNT		LTS	-0.07	UTE	LTE		107	OUTLET	510UL
47	68	14.05	175	P 1	DNT		LTS	+0.02	UTE	LTE		106	OUTLET	510UL
47	69	12.98	180	P 1	DNT		LTS	-0.07	UTE	LTE		107	OUTLET	510UL
47	70	10.08	175	P 1	DNT		LTS	+0.02	UTE	LTE		106	OUTLET	510UL
47	71	8.46	177	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
47	72	12.66	176	P 1	DNT		LTS	+0.07	UTE	LTE		106	OUTLET	510UL
47	73	27.66	181	P 1	DNT		LTS	+0.13	UTE	LTE		107	OUTLET	510UL
47	74	18.55	172	P 1	DNT		LTS	+0.09	UTE	LTE		106	OUTLET	510UL
47	75	48.02	181	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
47	76	22.01	176	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
47	78	8.19	177	P 1	DNT		LTS	-0.11	UTE	LTE		106	OUTLET	510UL
47	79	8.92	180	P 1	DNT		LTS	-0.09	UTE	LTE		107	OUTLET	510UL
47	80	9.50	180	P 1	DNT		LTS	-0.20	UTE	LTE		106	OUTLET	510UL
47	81	7.92	183	P 1	DNT		LTS	-0.02	UTE	LTE		107	OUTLET	510UL
47	104	0.41	86	3	NQI		015	+13.42	UTE	LTE		106	OUTLET	510UL
48	5	0.32	99	3	NQI		014	+14.63	UTE	LTE		35	OUTLET	510UL
48	15	0.41	110	3	NQI		011	+26.18	UTE	LTE		35	OUTLET	510UL
48	31	0.48	105	P 1	NQI		015	+0.50	UTE	LTE		35	OUTLET	510UL
48	51	0.98	109	3	NQI		012	+17.33	UTE	LTE		35	OUTLET	510UL
		8.56	181	P 1	DNT		LTS	-0.06	UTE	LTE		35	OUTLET	510UL
48	52	9.63	183	P 1	DNT		LTS	-0.04	UTE	LTE		36	OUTLET	510UL
48	53	12.29	179	P 1	DNT		LTS	-0.02	UTE	LTE		35	OUTLET	510UL
48	54	12.02	180	P 1	DNT		LTS	-0.09	UTE	LTE		36	OUTLET	510UL
48	55	11.03	181	P 1	DNT		LTS	+0.00	UTE	LTE		35	OUTLET	510UL
48	56	13.83	180	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
48	57	14.85	178	P 1	DNT		LTS	+0.02	UTE	LTE		35	OUTLET	510UL
48	58	38.70	183	P 1	DNT		LTS	-0.02	UTE	LTE		44	OUTLET	510UL
48	59	35.86	178	P 1	DNT		LTS	+0.07	UTE	LTE		41	OUTLET	510UL
48	60	43.39	183	P 1	DNT		LTS	+0.00	UTE	LTE		44	OUTLET	510UL
48	61	22.73	179	P 1	DNT		LTS	+0.04	UTE	LTE		41	OUTLET	510UL
48	62	18.94	179	P 1	DNT		LTS	-0.02	UTE	LTE		41	OUTLET	510UL
48	63	9.90	179	P 1	DNT		LTS	+0.04	UTE	LTE		125	OUTLET	510UL
48	64	11.48	180	P 1	DNT		LTS	+0.07	UTE	LTE		126	OUTLET	510UL
48	65	12.87	174	P 1	DNT		LTS	+0.40	UTE	LTE		125	OUTLET	510UL
48	66	15.90	176	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
48	67	9.52	174	P 1	DNT		LTS	+0.16	UTE	LTE		125	OUTLET	510UL
48	68	9.27	180	P 1	DNT		LTS	+0.02	UTE	LTE		126	OUTLET	510UL
48	69	6.54	177	P 1	DNT		LTS	+0.02	UTE	LTE		106	OUTLET	510UL
		0.18	69	P 1	NQI		014	+0.34	UTE	LTE		106	OUTLET	510UL
48	70	7.97	168	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
48	71	6.78	175	P 1	DNT		LTS	+0.20	UTE	LTE		106	OUTLET	510UL
48	72	8.64	183	P 1	DNT		LTS	+0.16	UTE	LTE		107	OUTLET	510UL
48	73	14.06	174	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
48	74	0.41	104	3	NQI		006	+22.44	UTE	LTE		107	OUTLET	510UL
		22.13	184	P 1	DNT		LTS	+0.11	UTE	LTE		107	OUTLET	510UL
48	75	34.45	176	P 1	DNT		LTS	+0.04	UTE	LTE		106	OUTLET	510UL
48	76	0.31	88	3	NQI		011	+11.99	UTE	LTE		107	OUTLET	510UL
		54.70	181	P 1	DNT		LTS	+0.09	UTE	LTE		107	OUTLET	510UL
48	77	30.79	177	P 1	DNT		LTS	+0.07	UTE	LTE		106	OUTLET	510UL
		0.24	90	P 1	NQI		014	+0.27	UTE	LTE		106	OUTLET	510UL
48	78	29.03	182	P 1	DNT		LTS	+0.02	UTE	LTE		107	OUTLET	510UL
48	79	17.33	178	P 1	DNT		LTS	-0.07	UTE	LTE		106	OUTLET	510UL
48	80	0.16	93	P 1	NQI		014	+0.16	UTE	LTE		107	OUTLET	510UL
		17.05	178	P 1	DNT		LTS	-0.02	UTE	LTE		107	OUTLET	510UL
48	81	9.92	178	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
		0.32	89	P 1	NQI		015	+0.42	UTE	LTE		106	OUTLET	510UL
48	82	8.98	183	P 1	DNT		LTS	-0.04	UTE	LTE		107	OUTLET	510UL
48	84	6.55	175	P 1	DNT		LTS	-0.09	UTE	LTE		107	OUTLET	510UL
48	101	0.22	110	3	NQI		015	+32.94	UTE	LTE		106	OUTLET	510UL
48	117	0.26	110	P 1	NQI		015	-0.13	UTE	LTE		106	OUTLET	510UL
48	122	10.72	189	P 1	DNT		UTS	-0.04	UTE	LTE		107	OUTLET	510UL
49	1	5.94	19	P 1	NQI		UTS	-0.22	UTE	LTE		31	OUTLET	510UL
		0.27	107	P 1	NQI		015	-0.09	UTE	LTE		31	OUTLET	510UL
49	7	0.58	88	3	NQI		009	+24.76	UTE	LTE		31	OUTLET	510UL
49	17	8.24	182	3	DNT		UTS	+11.81	UTE	LTE		31	OUTLET	510UL
49	46	0.38	110	3	NQI		009	+22.11	UTE	LTE		35	OUTLET	510UL
49	51	7.88	186	P 1	DNT		LTS	-0.07	UTE	LTE		36	OUTLET	510UL
49	52	8.45	182	P 1	DNT		LTS	-0.02	UTE	LTE		35	OUTLET	510UL
49	53	9.02	181	P 1	DNT		LTS	-0.07	UTE	LTE		36	OUTLET	510UL
49	54	9.37	179	P 1	DNT		LTS	+0.02	UTE	LTE		35	OUTLET	510UL
49	55	9.28	183	P 1	DNT		LTS	+0.04	UTE	LTE		36	OUTLET	510UL
49	56	13.51	181	P 1	DNT		LTS	+0.00	UTE	LTE		35	OUTLET	510UL
49	57	14.58	180	P 1	DNT		LTS	-0.02	UTE	LTE		36	OUTLET	510UL
49	58	42.22	180	P 1	DNT		LTS	+0.07	UTE	LTE		35	OUTLET	510UL
49	59	38.20	183	P 1	DNT		LTS	+0.00	UTE	LTE		44	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
49	60	45.93	177	P 1	DNT		LTS	+0.07	UTE	LTE		41	OUTLET	510UL
49	61	29.64	183	P 1	DNT		LTS	+0.04	UTE	LTE		44	OUTLET	510UL
49	62	25.85	178	P 1	DNT		LTS	+0.00	UTE	LTE		41	OUTLET	510UL
49	63	12.20	177	P 1	DNT		LTS	+0.16	UTE	LTE		125	OUTLET	510UL
49	64	19.06	180	P 1	DNT		LTS	-0.02	UTE	LTE		126	OUTLET	510UL
49	65	11.28	176	P 1	DNT		LTS	+0.22	UTE	LTE		125	OUTLET	510UL
49	66	17.30	178	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
49	67	9.58	173	P 1	DNT		LTS	+0.36	UTE	LTE		125	OUTLET	510UL
49	68	13.19	179	P 1	DNT		LTS	+0.11	UTE	LTE		126	OUTLET	510UL
49	69	13.19	180	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
49	70	10.62	175	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
49	71	0.33	90	3	NQI		015	+44.78	UTE	LTE		107	OUTLET	510UL
		6.53	166	P 1	DNT		LTS	-0.04	UTE	LTE		107	OUTLET	510UL
49	72	7.56	175	P 1	DNT		LTS	+0.27	UTE	LTE		106	OUTLET	510UL
49	73	7.11	180	P 1	DNT		LTS	+0.35	UTE	LTE		107	OUTLET	510UL
		6.85	163	P 1	DNT		LTS	-0.02	UTE	LTE		107	OUTLET	510UL
49	74	16.05	174	P 1	DNT		LTS	-0.11	UTE	LTE		106	OUTLET	510UL
49	75	28.21	179	P 1	DNT		LTS	+0.11	UTE	LTE		107	OUTLET	510UL
49	76	43.03	175	P 1	DNT		LTS	+0.11	UTE	LTE		106	OUTLET	510UL
		1.26	131	3	NQI		011	+28.09	UTE	LTE		106	OUTLET	510UL
49	77	41.29	183	P 1	DNT		LTS	+0.11	UTE	LTE		107	OUTLET	510UL
49	78	34.19	178	P 1	DNT		LTS	+0.04	UTE	LTE		106	OUTLET	510UL
49	79	24.69	183	P 1	DNT		LTS	+0.04	UTE	LTE		107	OUTLET	510UL
49	80	34.53	178	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
49	81	15.08	177	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
49	83	13.26	178	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
49	84	10.16	178	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
49	106	0.33	83	3	NQI		009	+22.38	UTE	LTE		107	OUTLET	510UL
		0.54	107	3	NQI		006	+32.44	UTE	LTE		107	OUTLET	510UL
49	118	0.27	76	P 1	NQI		015	+0.20	UTE	LTE		107	OUTLET	510UL
49	119	0.34	95	P 1	NQI		010	+0.38	UTE	LTE		106	OUTLET	510UL
49	123	0.58	98	P 1	NQI		011	+0.71	UTE	LTE		107	OUTLET	510UL
		1.15	40	6	ADI		015	+31.81	UTE	LTE		107	OUTLET	510UL
		11.36	191	P 1	DNT		UTS	-0.04	UTE	LTE		107	OUTLET	510UL
50	23	0.42	73	3	NQI		015	+4.84	UTE	LTE		30	OUTLET	510UL
50	47	6.60	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
50	50	8.57	178	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
50	51	9.52	182	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
50	53	10.68	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
50	54	10.39	180	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
50	55	12.35	181	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
50	56	12.10	175	P 1	DNT		LTS	+0.00	UTE	LTE		41	OUTLET	510UL
50	57	34.79	180	P 1	DNT		LTS	+0.00	UTE	LTE		44	OUTLET	510UL
50	58	40.04	179	P 1	DNT		LTS	+0.04	UTE	LTE		41	OUTLET	510UL
50	59	54.87	183	P 1	DNT		LTS	+0.00	UTE	LTE		44	OUTLET	510UL
50	60	31.25	179	P 1	DNT		LTS	+0.11	UTE	LTE		41	OUTLET	510UL
50	61	39.40	182	P 1	DNT		LTS	+0.00	UTE	LTE		44	OUTLET	510UL
50	62	32.44	180	P 1	DNT		LTS	+0.04	UTE	LTE		41	OUTLET	510UL
50	63	21.69	177	P 1	DNT		LTS	+0.00	UTE	LTE		125	OUTLET	510UL
50	64	14.83	175	P 1	DNT		LTS	+0.00	UTE	LTE		125	OUTLET	510UL
50	65	20.74	178	P 1	DNT		LTS	+0.04	UTE	LTE		126	OUTLET	510UL
50	66	18.76	173	P 1	DNT		LTS	+0.00	UTE	LTE		125	OUTLET	510UL
50	67	18.93	180	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
50	68	15.24	174	P 1	DNT		LTS	+0.27	UTE	LTE		125	OUTLET	510UL
50	69	12.76	181	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
50	70	13.41	175	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
50	71	13.46	175	P 1	DNT		LTS	+0.18	UTE	LTE		107	OUTLET	510UL
50	72	8.24	172	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
50	73	10.30	180	P 1	DNT		LTS	+0.18	UTE	LTE		107	OUTLET	510UL
50	74	16.20	177	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
50	75	53.60	181	P 1	DNT		LTS	+0.09	UTE	LTE		107	OUTLET	510UL
50	76	40.30	176	P 1	DNT		LTS	+0.04	UTE	LTE		106	OUTLET	510UL
50	77	50.04	180	P 1	DNT		LTS	+0.09	UTE	LTE		107	OUTLET	510UL
50	78	24.33	177	P 1	DNT		LTS	+0.07	UTE	LTE		106	OUTLET	510UL
50	79	28.39	181	P 1	DNT		LTS	+0.09	UTE	LTE		107	OUTLET	510UL
50	80	30.51	177	P 1	DNT		LTS	-0.17	UTE	LTE		106	OUTLET	510UL
50	81	27.94	181	P 1	DNT		LTS	+0.02	UTE	LTE		107	OUTLET	510UL
		0.27	74	P 1	NQI		014	+0.38	UTE	LTE		107	OUTLET	510UL
50	82	26.54	177	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
50	83	14.19	181	P 1	DNT		LTS	+0.07	UTE	LTE		107	OUTLET	510UL
50	84	12.14	177	P 1	DNT		LTS	+0.00	UTE	LTE		106	OUTLET	510UL
50	85	7.68	179	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
50	95	0.64	99	P 1	NQI		014	+0.53	UTE	LTE		107	OUTLET	510UL
		3.20	120	3	NQI		LTS	+21.14	UTE	LTE	TO+30.16	107	OUTLET	510UL
50	106	0.42	97	3	NQI		011	+14.56	UTE	LTE		106	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
		0.30	106	3	NQI		011	+12.54	UTE	LTE			106	OUTLET	510UL
		0.29	87	3	NQI		011	+3.62	UTE	LTE			106	OUTLET	510UL
50	123	0.63	86	6	ADI		015	+31.69	UTE	LTE			107	OUTLET	510UL
51	1	1.05	64	6	ADI		014	+32.34	UTE	LTE			31	OUTLET	510UL
51	5	0.36	98	3	NQI		014	+1.72	UTE	LTE			31	OUTLET	510UL
		0.45	87	3	NQI		009	+12.09	UTE	LTE			31	OUTLET	510UL
		0.63	110	3	NQI		009	+16.63	UTE	LTE			31	OUTLET	510UL
51	12	0.34	74	3	NQI		012	+8.24	UTE	LTE			30	OUTLET	510UL
51	29	0.38	104	P 1	NQI		014	+0.76	UTE	LTE			31	OUTLET	510UL
51	48	6.81	180	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
51	49	6.96	180	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
51	50	9.06	176	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
51	51	6.87	177	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
51	52	9.95	180	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
51	53	14.56	179	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
51	54	16.89	179	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
51	55	13.57	182	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
51	56	0.49	53	3	NQI		001	+22.97	UTE	LTE			30	OUTLET	510UL
		15.18	177	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
51	57	26.16	182	P 1	DNT		LTS	+0.00	UTE	LTE			44	OUTLET	510UL
51	58	33.29	179	P 1	DNT		LTS	+0.04	UTE	LTE			41	OUTLET	510UL
51	59	35.22	183	P 1	DNT		LTS	+0.00	UTE	LTE			44	OUTLET	510UL
51	60	36.90	177	P 1	DNT		LTS	+0.07	UTE	LTE			41	OUTLET	510UL
51	61	32.33	182	P 1	DNT		LTS	+0.00	UTE	LTE			44	OUTLET	510UL
51	62	0.35	85	3	NQI		012	+32.17	UTE	LTE			41	OUTLET	510UL
		27.25	179	P 1	DNT		LTS	+0.04	UTE	LTE			41	OUTLET	510UL
51	63	15.68	177	P 1	DNT		LTS	+0.02	UTE	LTE			125	OUTLET	510UL
51	64	15.52	181	P 1	DNT		LTS	+0.07	UTE	LTE			126	OUTLET	510UL
51	65	0.42	88	3	NQI		007	+20.37	UTE	LTE			125	OUTLET	510UL
		20.01	176	P 1	DNT		LTS	+0.00	UTE	LTE			125	OUTLET	510UL
51	66	12.71	179	P 1	DNT		LTS	+0.07	UTE	LTE			126	OUTLET	510UL
51	67	16.29	176	P 1	DNT		LTS	+0.04	UTE	LTE			125	OUTLET	510UL
51	68	20.82	180	P 1	DNT		LTS	+0.11	UTE	LTE			126	OUTLET	510UL
51	69	20.49	176	P 1	DNT		LTS	+0.04	UTE	LTE			125	OUTLET	510UL
51	70	20.01	181	P 1	DNT		LTS	+0.00	UTE	LTE	IV		126	OUTLET	510UL
51	71	17.92	175	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET	510UL
51	72	0.32	77	3	NQI		013	+24.67	UTE	LTE			107	OUTLET	510UL
		18.13	179	P 1	DNT		LTS	+0.04	UTE	LTE			107	OUTLET	510UL
51	73	13.02	174	P 1	DNT		LTS	-0.04	UTE	LTE			106	OUTLET	510UL
51	74	21.00	180	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
51	75	0.30	80	3	NQI		015	+19.79	UTE	LTE			106	OUTLET	510UL
		10.44	176	P 1	DNT		LTS	+0.07	UTE	LTE			106	OUTLET	510UL
51	76	56.34	182	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
51	77	68.26	177	P 1	DNT		LTS	+0.04	UTE	LTE			106	OUTLET	510UL
51	78	46.28	180	P 1	DNT		LTS	+0.02	UTE	LTE			107	OUTLET	510UL
51	79	24.07	177	P 1	DNT		LTS	+0.07	UTE	LTE			106	OUTLET	510UL
51	80	40.15	181	P 1	DNT		LTS	+0.09	UTE	LTE			107	OUTLET	510UL
51	81	31.05	177	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET	510UL
51	82	26.19	181	P 1	DNT		LTS	+0.07	UTE	LTE			107	OUTLET	510UL
51	83	23.90	177	P 1	DNT		LTS	+0.00	UTE	LTE			106	OUTLET	510UL
51	84	19.07	181	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
51	95	0.22	62	P 1	NQI		014	+0.22	UTE	LTE			107	OUTLET	510UL
51	98	0.31	89	P 1	NQI		001	+0.80	UTE	LTE			106	OUTLET	510UL
51	110	0.39	111	3	NQI		014	+3.85	UTE	LTE			106	OUTLET	510UL
51	121	0.93	117	P 1	NQI		008	-0.69	UTE	LTE			107	OUTLET	510UL
		0.45	90	P 1	NQI		010	+0.31	UTE	LTE			107	OUTLET	510UL
51	123	0.57	104	P 1	NQI		009	-0.73	UTE	LTE			107	OUTLET	510UL
		0.51	72	P 1	NQI		010	+0.29	UTE	LTE			107	OUTLET	510UL
52	2	0.61	104	P 1	NQI		011	+0.61	UTE	LTE			30	OUTLET	510UL
52	16	0.30	64	3	NQI		013	+17.04	UTE	LTE			30	OUTLET	510UL
52	43	0.21	61	3	NQI		006	+11.36	UTE	LTE			31	OUTLET	510UL
52	46	6.33	179	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
52	48	8.92	180	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
52	49	7.68	179	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
52	50	11.04	181	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
52	51	8.65	180	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
52	52	8.12	178	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
		0.40	58	3	NQI		015	+13.99	UTE	LTE			30	OUTLET	510UL
52	53	11.04	179	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
52	54	23.04	178	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
52	55	20.33	179	P 1	DNT		LTS	+0.00	UTE	LTE			31	OUTLET	510UL
52	56	19.85	179	P 1	DNT		LTS	+0.00	UTE	LTE			30	OUTLET	510UL
52	57	14.76	177	P 1	DNT		LTS	+0.02	UTE	LTE			41	OUTLET	510UL
52	58	27.61	176	P 1	DNT		LTS	+0.09	UTE	LTE			41	OUTLET	510UL
52	59	36.11	179	P 1	DNT		LTS	+0.00	UTE	LTE			41	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
52	60	31.91	179	P	1	DNT	LTS	+0.04	UTE	LTE		41	OUTLET	510UL
52	61	22.53	179	P	1	DNT	LTS	+0.07	UTE	LTE		41	OUTLET	510UL
52	62	19.73	179	P	1	DNT	LTS	+0.07	UTE	LTE		41	OUTLET	510UL
52	63	30.85	179	P	1	DNT	LTS	+0.04	UTE	LTE		41	OUTLET	510UL
52	64	19.73	177	P	1	DNT	LTS	+0.00	UTE	LTE		125	OUTLET	510UL
52	65	21.23	181	P	1	DNT	LTS	+0.07	UTE	LTE		126	OUTLET	510UL
52	66	28.87	177	P	1	DNT	LTS	+0.07	UTE	LTE		125	OUTLET	510UL
52	67	32.50	180	P	1	DNT	LTS	+0.09	UTE	LTE		126	OUTLET	510UL
52	68	25.99	177	P	1	DNT	LTS	+0.02	UTE	LTE		125	OUTLET	510UL
52	69	20.41	180	P	1	DNT	LTS	+0.04	UTE	LTE		126	OUTLET	510UL
52	70	19.54	175	P	1	DNT	LTS	+0.00	UTE	LTE		125	OUTLET	510UL
52	71	0.48	94	3		NQI	003	+28.26	UTE	LTE		126	OUTLET	510UL
		26.76	182	P	1	DNT	LTS	+0.00	UTE	LTE		126	OUTLET	510UL
52	72	0.35	89	3		NQI	002	+29.12	UTE	LTE		112	OUTLET	510UL
		14.66	175	P	1	DNT	LTS	+0.04	UTE	LTE		112	OUTLET	510UL
52	73	20.76	179	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
52	74	22.14	174	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
52	75	20.13	176	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
52	77	39.63	177	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
		0.30	85	P	1	NQI	005	-0.64	UTE	LTE		112	OUTLET	510UL
52	78	38.65	180	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
52	79	40.77	178	P	1	DNT	LTS	+0.38	UTE	LTE		112	OUTLET	510UL
52	80	35.88	181	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
52	81	27.15	177	P	1	DNT	LTS	+0.16	UTE	LTE		112	OUTLET	510UL
52	82	39.47	180	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
52	83	0.34	101	P	1	NQI	014	+0.02	UTE	LTE		112	OUTLET	510UL
		31.03	177	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
52	84	17.28	181	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
		0.56	79	P	1	NQI	014	+0.24	UTE	LTE		113	OUTLET	510UL
52	85	18.91	177	P	1	DNT	LTS	+0.02	UTE	LTE		112	OUTLET	510UL
52	86	15.11	183	P	1	DNT	LTS	+0.02	UTE	LTE		113	OUTLET	510UL
52	87	9.82	176	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
52	100	7.66	178	3		DNT	002	+35.29	UTE	LTE		107	OUTLET	510UL
52	119	0.34	94	P	1	NQI	015	+0.22	UTE	LTE		106	OUTLET	510UL
52	123	1.01	137	P	1	NQI	009	-0.77	UTE	LTE		107	OUTLET	510UL
53	1	0.64	78	3		NQI	014	+5.35	UTE	LTE		31	OUTLET	510UL
		0.91	116	P	1	NQI	013	-0.65	UTE	LTE		31	OUTLET	510UL
53	2	0.68	97	P	1	NQI	011	+0.53	UTE	LTE		30	OUTLET	510UL
53	3	0.53	95	P	1	NQI	011	+0.63	UTE	LTE		31	OUTLET	510UL
53	35	0.35	83	3		NQI	007	+7.13	UTE	LTE		30	OUTLET	510UL
53	46	6.00	180	P	1	DNT	LTS	-0.06	UTE	LTE		30	OUTLET	510UL
53	48	6.47	181	P	1	DNT	LTS	-0.15	UTE	LTE		30	OUTLET	510UL
53	49	6.64	178	P	1	DNT	LTS	-0.02	UTE	LTE		31	OUTLET	510UL
53	50	0.31	77	3		NQI	LTS	+9.55	UTE	LTE		30	OUTLET	510UL
		10.69	180	P	1	DNT	LTS	+0.00	UTE	LTE		30	OUTLET	510UL
53	51	9.23	178	P	1	DNT	LTS	+0.00	UTE	LTE		30	OUTLET	510UL
53	52	10.87	177	P	1	DNT	LTS	+0.00	UTE	LTE		30	OUTLET	510UL
53	54	26.36	179	P	1	DNT	LTS	-0.02	UTE	LTE		31	OUTLET	510UL
53	55	26.40	178	P	1	DNT	LTS	+0.00	UTE	LTE		30	OUTLET	510UL
53	56	0.47	89	3		NQI	005	+7.16	UTE	LTE		31	OUTLET	510UL
		28.53	179	P	1	DNT	LTS	+0.00	UTE	LTE		31	OUTLET	510UL
53	57	14.50	179	P	1	DNT	LTS	+0.00	UTE	LTE		30	OUTLET	510UL
53	58	15.67	178	P	1	DNT	LTS	+0.09	UTE	LTE		41	OUTLET	510UL
53	59	29.15	179	P	1	DNT	LTS	+0.04	UTE	LTE		41	OUTLET	510UL
53	60	19.51	178	P	1	DNT	LTS	+0.00	UTE	LTE		41	OUTLET	510UL
53	61	22.96	179	P	1	DNT	LTS	+0.02	UTE	LTE		41	OUTLET	510UL
53	62	50.13	180	P	1	DNT	LTS	+0.04	UTE	LTE		41	OUTLET	510UL
53	63	26.98	179	P	1	DNT	LTS	+0.02	UTE	LTE		41	OUTLET	510UL
53	64	34.65	179	P	1	DNT	LTS	+0.02	UTE	LTE		125	OUTLET	510UL
53	65	25.09	182	P	1	DNT	LTS	+0.09	UTE	LTE		126	OUTLET	510UL
53	66	30.11	178	P	1	DNT	LTS	+0.11	UTE	LTE		125	OUTLET	510UL
53	67	31.09	180	P	1	DNT	LTS	+0.07	UTE	LTE		126	OUTLET	510UL
53	69	19.80	180	P	1	DNT	LTS	+0.09	UTE	LTE		126	OUTLET	510UL
53	71	19.20	177	P	1	DNT	LTS	+0.00	UTE	LTE		125	OUTLET	510UL
53	72	21.05	180	P	1	DNT	LTS	+0.00	UTE	LTE		126	OUTLET	510UL
53	73	22.30	174	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
53	74	18.90	178	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	75	33.51	176	P	1	DNT	LTS	+0.07	UTE	LTE		112	OUTLET	510UL
		0.26	87	P	1	NQI	003	+0.27	UTE	LTE		112	OUTLET	510UL
53	76	27.61	178	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	77	23.59	175	P	1	DNT	LTS	+0.11	UTE	LTE		112	OUTLET	510UL
53	78	25.06	178	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	79	38.33	177	P	1	DNT	LTS	+0.00	UTE	LTE		112	OUTLET	510UL
53	80	30.35	181	P	1	DNT	LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	81	29.21	177	P	1	DNT	LTS	+0.09	UTE	LTE		112	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
53	82	31.15	181	P 1	DNT		LTS	+0.02	UTE	LTE		113	OUTLET	510UL
53	83	42.87	177	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
53	84	44.80	181	P 1	DNT		LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	85	28.78	177	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
53	86	24.28	180	P 1	DNT		LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	87	14.30	175	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
53	88	10.78	181	P 1	DNT		LTS	+0.00	UTE	LTE		113	OUTLET	510UL
53	105	0.53	89	3	NQI		007	+22.26	UTE	LTE		112	OUTLET	510UL
53	113	0.38	72	3	NQI		013	+17.38	UTE	LTE		112	OUTLET	510UL
53	121	1.03	136	P 1	NQI		008	-0.71	UTE	LTE		112	OUTLET	510UL
53	122	0.68	73	P 1	NQI		015	+0.29	UTE	LTE		113	OUTLET	510UL
53	124	0.59	110	3	NQI		002	+34.34	UTE	LTE		113	OUTLET	510UL
53	125	0.45	103	3	NQI		010	+14.74	UTE	LTE	TO+26.11	112	OUTLET	510UL
54	1	0.73	77	3	NQI		014	+2.59	UTE	LTE	TO+8.66	31	OUTLET	510UL
54	2	2.92	96	P 1	NQI		013	-0.81	UTE	LTE		31	OUTLET	510UL
54	3	1.19	112	P 1	NQI		011	+0.66	UTE	LTE		30	OUTLET	510UL
54	4	0.58	74	P 1	NQI		LTE	+6.13	UTE	LTE		31	OUTLET	510UL
54	5	0.38	102	3	NQI		015	+35.03	UTE	LTE		30	OUTLET	510UL
		0.60	109	3	NQI		015	+24.11	UTE	LTE		30	OUTLET	510UL
54	45	0.42	92	P 1	NQI		015	+0.75	UTE	LTE		30	OUTLET	510UL
54	49	6.33	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
54	50	6.26	177	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
54	51	11.89	177	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
54	52	10.05	177	P 1	DNT		LTS	+0.02	UTE	LTE		31	OUTLET	510UL
54	53	10.85	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
54	54	21.49	180	P 1	DNT		LTS	-0.02	UTE	LTE		31	OUTLET	510UL
54	55	21.14	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
54	56	18.81	179	P 1	DNT		LTS	+0.09	UTE	LTE		31	OUTLET	510UL
54	57	18.07	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
54	58	17.81	180	P 1	DNT		LTS	+0.00	UTE	LTE		46	OUTLET	510UL
54	59	20.71	170	P 1	DNT		LTS	+0.11	UTE	LTE		45	OUTLET	510UL
54	60	9.20	174	3	DNT		LTS	+0.29	UTE	LTE		46	OUTLET	510UL
		19.40	179	P 1	DNT		LTS	+0.02	UTE	LTE		46	OUTLET	510UL
54	61	33.45	173	P 1	DNT		LTS	+0.04	UTE	LTE		45	OUTLET	510UL
54	62	33.95	182	P 1	DNT		LTS	+0.13	UTE	LTE		46	OUTLET	510UL
54	63	46.01	175	P 1	DNT		LTS	+0.11	UTE	LTE		45	OUTLET	510UL
54	64	39.57	175	P 1	DNT		LTS	+0.07	UTE	LTE		45	OUTLET	510UL
54	65	42.09	178	P 1	DNT		LTS	+0.09	UTE	LTE		125	OUTLET	510UL
54	66	38.20	182	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
54	67	0.31	98	3	NQI		013	+11.52	UTE	LTE		125	OUTLET	510UL
		30.48	177	P 1	DNT		LTS	+0.02	UTE	LTE		125	OUTLET	510UL
54	68	28.86	181	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
54	69	19.21	176	P 1	DNT		LTS	+0.27	UTE	LTE		125	OUTLET	510UL
54	70	18.62	181	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
54	71	22.25	179	P 1	DNT		LTS	+0.11	UTE	LTE		125	OUTLET	510UL
54	72	20.86	182	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
54	73	0.37	63	3	NQI		013	+25.83	UTE	LTE		125	OUTLET	510UL
		19.34	177	P 1	DNT		LTS	+0.09	UTE	LTE		125	OUTLET	510UL
54	74	25.86	181	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
54	75	19.98	175	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
54	76	32.10	176	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
54	77	44.34	177	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
54	78	40.07	176	P 1	DNT		LTS	+0.16	UTE	LTE		112	OUTLET	510UL
54	79	47.30	178	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
54	80	0.61	119	3	NQI		003	+8.05	UTE	LTE		112	OUTLET	510UL
		20.79	177	P 1	DNT		LTS	+0.16	UTE	LTE		112	OUTLET	510UL
54	81	18.68	176	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
54	83	25.01	176	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
54	84	20.50	176	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
54	85	27.81	176	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
54	86	29.65	176	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
54	87	29.79	177	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
54	88	17.79	174	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
54	89	15.75	175	P 1	DNT		LTS	+0.02	UTE	LTE		112	OUTLET	510UL
54	90	7.17	170	P 1	DNT		LTS	-0.24	UTE	LTE		112	OUTLET	510UL
54	91	7.29	174	P 1	DNT		LTS	-0.13	UTE	LTE		112	OUTLET	510UL
54	106	0.30	78	3	NQI		012	+25.46	UTE	LTE		112	OUTLET	510UL
		0.20	78	3	NQI		010	+19.49	UTE	LTE		112	OUTLET	510UL
		0.37	108	3	NQI		011	+3.46	UTE	LTE		112	OUTLET	510UL
54	109	0.24	67	3	NQI		LTS	+30.48	UTE	LTE		112	OUTLET	510UL
54	121	0.75	102	P 1	NQI		009	-0.57	UTE	LTE		113	OUTLET	510UL
54	124	1.29	135	P 1	NQI		009	-0.73	UTE	LTE		112	OUTLET	510UL
54	126	0.49	103	3	NQI		010	+18.83	UTE	LTE		112	OUTLET	510UL
55	1	0.57	122	P 1	NQI		013	-0.72	UTE	LTE		31	OUTLET	510UL
		0.52	113	P 1	NQI		012	-1.00	UTE	LTE		31	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
55	11	0.76	99	3	NQI		011	+32.02	UTE	LTE		30	OUTLET	510UL
55	29	0.33	59	3	NQI		008	+22.80	UTE	LTE		31	OUTLET	510UL
		0.43	70	3	NQI		007	+34.90	UTE	LTE		31	OUTLET	510UL
55	46	0.42	60	P 1	NQI		013	-0.46	UTE	LTE		30	OUTLET	510UL
55	47	6.28	180	P 1	DNT		LTS	-0.20	UTE	LTE		31	OUTLET	510UL
55	48	7.36	181	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
55	49	8.29	178	P 1	DNT		LTS	-0.04	UTE	LTE		31	OUTLET	510UL
55	50	11.10	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
55	51	10.66	177	P 1	DNT		LTS	-0.07	UTE	LTE		31	OUTLET	510UL
55	52	8.44	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
55	53	16.96	179	P 1	DNT		LTS	-0.02	UTE	LTE		31	OUTLET	510UL
55	54	14.86	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
55	55	14.66	179	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
55	56	21.62	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
55	57	10.25	172	P 1	DNT		LTS	+0.00	UTE	LTE		45	OUTLET	510UL
55	58	29.91	180	P 1	DNT		LTS	+0.00	UTE	LTE		46	OUTLET	510UL
55	59	22.47	171	P 1	DNT		LTS	-0.02	UTE	LTE		45	OUTLET	510UL
55	60	44.93	180	P 1	DNT		LTS	+0.00	UTE	LTE		46	OUTLET	510UL
55	61	41.02	174	P 1	DNT		LTS	+0.07	UTE	LTE		45	OUTLET	510UL
55	62	37.49	182	P 1	DNT		LTS	+0.11	UTE	LTE		46	OUTLET	510UL
55	63	32.32	175	P 1	DNT		LTS	+0.13	UTE	LTE		45	OUTLET	510UL
55	64	33.57	178	P 1	DNT		LTS	+0.04	UTE	LTE		125	OUTLET	510UL
55	65	33.28	182	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
55	66	24.43	179	P 1	DNT		LTS	+0.07	UTE	LTE		125	OUTLET	510UL
55	67	37.34	181	P 1	DNT		LTS	+0.11	UTE	LTE		126	OUTLET	510UL
55	68	22.68	179	P 1	DNT		LTS	+0.00	UTE	LTE		125	OUTLET	510UL
55	69	20.06	181	P 1	DNT		LTS	+0.09	UTE	LTE		126	OUTLET	510UL
55	70	13.72	179	P 1	DNT		LTS	+0.16	UTE	LTE		125	OUTLET	510UL
55	71	26.06	178	P 1	DNT		LTS	+0.09	UTE	LTE	IV	126	OUTLET	510UL
55	73	22.57	182	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
		0.50	87	3	NQI		010	+10.29	UTE	LTE		126	OUTLET	510UL
		0.33	84	3	NQI		011	+23.88	UTE	LTE		126	OUTLET	510UL
55	74	25.61	177	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
55	75	23.41	175	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	76	21.40	174	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	77	0.35	94	3	NQI		006	+32.16	UTE	LTE		112	OUTLET	510UL
		39.65	177	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
55	78	33.63	176	P 1	DNT		LTS	+0.18	UTE	LTE		112	OUTLET	510UL
55	79	36.12	177	P 1	DNT		LTS	+0.18	UTE	LTE		112	OUTLET	510UL
55	80	43.00	178	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
55	81	19.35	178	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
55	82	18.46	176	P 1	DNT		LTS	+0.07	UTE	LTE		112	OUTLET	510UL
55	83	26.25	175	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
55	84	27.10	176	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	85	19.88	175	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	86	37.40	178	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	87	38.64	176	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	88	19.62	176	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
55	89	19.07	171	P 1	DNT		LTS	+0.04	UTE	LTE		112	OUTLET	510UL
55	90	9.41	176	P 1	DNT		LTS	-0.17	UTE	LTE		112	OUTLET	510UL
55	91	8.02	176	P 1	DNT		LTS	-0.17	UTE	LTE		112	OUTLET	510UL
55	102	0.34	112	3	NQI		012	+14.81	UTE	LTE		112	OUTLET	510UL
55	115	0.55	73	3	NQI		009	+24.34	UTE	LTE		112	OUTLET	510UL
55	121	1.31	119	P 1	NQI		008	-0.73	UTE	LTE		112	OUTLET	510UL
55	123	1.01	121	3	NQI		009	+13.88	UTE	LTE	TO+29.91	112	OUTLET	510UL
		1.49	127	P 1	NQI		009	-0.73	UTE	LTE		112	OUTLET	510UL
55	124	0.56	77	3	NQI		009	+29.90	UTE	LTE		112	OUTLET	510UL
		1.00	133	P 1	NQI		009	-0.75	UTE	LTE		112	OUTLET	510UL
55	125	0.79	141	P 1	NQI		009	-0.58	UTE	LTE		112	OUTLET	510UL
		0.52	110	P 1	NQI		010	+0.51	UTE	LTE		112	OUTLET	510UL
		0.54	110	P 1	NQI		011	-0.53	UTE	LTE		112	OUTLET	510UL
55	126	6.09	171	P 1	DNT		UTS	-0.04	UTE	LTE		112	OUTLET	510UL
56	4	0.90	100	P 1	NQI		011	-0.79	UTE	LTE		31	OUTLET	510UL
56	6	0.38	102	3	NQI		014	+33.59	UTE	LTE		31	OUTLET	510UL
56	11	0.40	66	P 1	NQI		UTS	+11.04	UTE	LTE		30	OUTLET	510UL
56	15	0.64	74	3	NQI		005	+12.85	UTE	LTE		30	OUTLET	510UL
56	18	18.25	89	6	ADI		LTS	+22.09	UTE	LTE	TO+30.58	31	OUTLET	510UL
56	28	0.41	86	3	NQI		001	+21.11	UTE	LTE		31	OUTLET	510UL
56	36	8.21	105	6	ADI		002	+0.63	UTE	LTE	TO+6.81	31	OUTLET	510UL
		7.68	87	6	ADI		LTS	+22.43	UTE	LTE	TO+31.00	31	OUTLET	510UL
		1.76	87	6	ADI		001	+36.74	UTE	LTE		31	OUTLET	510UL
56	48	6.46	181	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
56	49	7.77	181	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
56	51	12.01	180	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
56	52	7.26	182	P 1	DNT		LTS	-0.04	UTE	LTE		31	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
56	53	11.01	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
56	54	13.50	180	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
56	55	11.20	180	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
56	56	25.40	179	P 1	DNT		LTS	+0.20	UTE	LTE		31	OUTLET	510UL
56	57	21.24	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
56	58	10.99	180	P 1	DNT		LTS	+0.04	UTE	LTE		46	OUTLET	510UL
56	59	0.29	87	3	NQI		011	+34.43	UTE	LTE		45	OUTLET	510UL
		10.32	173	P 1	DNT		LTS	+0.02	UTE	LTE		45	OUTLET	510UL
56	60	33.18	179	P 1	DNT		LTS	+0.00	UTE	LTE		46	OUTLET	510UL
56	61	37.87	172	P 1	DNT		LTS	+0.04	UTE	LTE		45	OUTLET	510UL
		10.89	176	3	DNT		LTS	+0.51	UTE	LTE		45	OUTLET	510UL
56	62	39.23	181	P 1	DNT		LTS	+0.07	UTE	LTE		46	OUTLET	510UL
		9.32	175	3	DNT		LTS	+0.56	UTE	LTE		46	OUTLET	510UL
56	63	53.26	174	P 1	DNT		LTS	+0.07	UTE	LTE		45	OUTLET	510UL
		7.62	182	3	DNT		LTS	+0.62	UTE	LTE		45	OUTLET	510UL
56	64	7.37	182	3	DNT		LTS	+0.64	UTE	LTE		45	OUTLET	510UL
		50.17	174	P 1	DNT		LTS	+0.13	UTE	LTE		45	OUTLET	510UL
56	65	25.01	179	P 1	DNT		LTS	+0.07	UTE	LTE		125	OUTLET	510UL
56	66	31.08	182	P 1	DNT		LTS	+0.07	UTE	LTE		126	OUTLET	510UL
56	67	37.24	178	P 1	DNT		LTS	+0.04	UTE	LTE		125	OUTLET	510UL
56	68	38.06	180	P 1	DNT		LTS	+0.09	UTE	LTE		126	OUTLET	510UL
		12.15	179	3	DNT		LTS	+0.80	UTE	LTE		126	OUTLET	510UL
56	69	6.66	181	3	DNT		LTS	+0.87	UTE	LTE		125	OUTLET	510UL
		24.96	179	P 1	DNT		LTS	+0.09	UTE	LTE		125	OUTLET	510UL
56	70	8.74	179	P 1	DNT		LTS	+0.15	UTE	LTE		126	OUTLET	510UL
56	72	15.60	182	P 1	DNT		LTS	+0.18	UTE	LTE		126	OUTLET	510UL
56	73	12.74	179	P 1	DNT		LTS	+0.18	UTE	LTE		125	OUTLET	510UL
56	74	19.52	182	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
56	75	20.02	176	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
56	76	26.61	175	P 1	DNT		LTS	+0.18	UTE	LTE		112	OUTLET	510UL
56	77	0.42	109	3	NQI		006	+28.96	UTE	LTE		112	OUTLET	510UL
		0.32	100	3	NQI		006	+26.85	UTE	LTE		112	OUTLET	510UL
		44.38	178	P 1	DNT		LTS	+0.20	UTE	LTE		112	OUTLET	510UL
56	78	35.83	177	P 1	DNT		LTS	+0.18	UTE	LTE		112	OUTLET	510UL
56	79	39.02	177	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
56	80	27.48	178	P 1	DNT		LTS	+0.18	UTE	LTE		112	OUTLET	510UL
56	81	27.16	178	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
56	82	35.87	177	P 1	DNT		LTS	+0.04	UTE	LTE		112	OUTLET	510UL
56	83	16.51	174	P 1	DNT		LTS	+0.04	UTE	LTE		112	OUTLET	510UL
56	84	7.50	112	3	NQI		LTS	+21.51	UTE	LTE	TO+29.82	112	OUTLET	510UL
		14.93	176	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
56	85	20.60	177	P 1	DNT		LTS	+0.20	UTE	LTE		112	OUTLET	510UL
56	86	18.79	176	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
56	87	27.82	176	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
56	88	27.04	176	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
56	89	22.38	177	P 1	DNT		LTS	+0.02	UTE	LTE		112	OUTLET	510UL
56	90	14.02	177	P 1	DNT		LTS	+0.07	UTE	LTE		112	OUTLET	510UL
56	91	8.70	177	P 1	DNT		LTS	-0.13	UTE	LTE		112	OUTLET	510UL
56	92	7.73	176	P 1	DNT		LTS	-0.13	UTE	LTE		112	OUTLET	510UL
56	93	7.07	175	P 1	DNT		LTS	-0.30	UTE	LTE		112	OUTLET	510UL
56	121	0.70	108	P 1	NQI		009	-0.67	UTE	LTE		112	OUTLET	510UL
56	122	0.61	121	P 1	NQI		011	-0.80	UTE	LTE		112	OUTLET	510UL
56	124	0.78	105	P 1	NQI		010	+0.49	UTE	LTE		112	OUTLET	510UL
		1.33	134	P 1	NQI		009	-0.73	UTE	LTE		112	OUTLET	510UL
56	126	0.63	148	P 1	NQI		009	-0.69	UTE	LTE		112	OUTLET	510UL
		0.39	98	3	NQI		010	+21.40	UTE	LTE		112	OUTLET	510UL
56	127	0.92	60	6	ADI		015	+32.66	UTE	LTE		112	OUTLET	510UL
		11.84	4	P 1	BLG		UTS	-0.18	UTE	LTE		112	OUTLET	510UL
		0.43	82	3	NQI		013	+3.01	UTE	LTE		112	OUTLET	510UL
		0.42	113	3	NQI		011	+7.62	UTE	LTE		112	OUTLET	510UL
		0.32	94	P 1	NQI		015	-0.33	UTE	LTE		112	OUTLET	510UL
57	1	0.76	106	P 1	NQI		011	-0.75	014	LTE		150	OUTLET	510UL
57	2	1.63	107	P 1	NQI		013	-0.75	014	LTE		132	OUTLET	510UL
57	3	2.56	121	3	NQI		014	+1.10	UTE	LTE		27	OUTLET	510UL
57	4	0.82	102	P 1	NQI		012	+0.68	UTE	LTE		26	OUTLET	510UL
57	7	0.39	103	P 1	NQI		006	-0.81	UTE	LTE		27	OUTLET	510UL
57	12	1.12	87	3	NQI		004	+26.46	UTE	LTE		26	OUTLET	510UL
57	25	0.41	79	3	NQI		007	+4.07	UTE	LTE		31	OUTLET	510UL
57	32	0.20	93	P 1	NQI		015	+0.35	UTE	LTE		30	OUTLET	510UL
		0.55	100	3	NQI		004	+23.45	UTE	LTE		30	OUTLET	510UL
57	34	0.62	92	3	NQI		006	+32.72	UTE	LTE		30	OUTLET	510UL
57	45	0.58	57	P 1	NQI		003	-0.87	UTE	LTE		31	OUTLET	510UL
57	50	7.91	180	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
57	51	8.12	181	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
57	52	9.77	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
57	53	10.01	181	P 1	DNT		LTS	-0.09	UTE	LTE		31	OUTLET	510UL
57	54	13.26	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
57	55	11.67	179	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
57	56	19.30	178	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
57	57	12.98	179	P 1	DNT		LTS	+0.00	UTE	LTE		30	OUTLET	510UL
57	58	19.17	178	P 1	DNT		LTS	+0.02	UTE	LTE		45	OUTLET	510UL
57	59	22.35	179	P 1	DNT		LTS	-0.02	UTE	LTE		46	OUTLET	510UL
57	60	17.86	178	P 1	DNT		LTS	+0.02	UTE	LTE		45	OUTLET	510UL
57	61	27.88	181	P 1	DNT		LTS	+0.27	UTE	LTE		46	OUTLET	510UL
		8.74	358	3	DNT		LTS	+0.69	UTE	LTE		46	OUTLET	510UL
57	62	7.64	180	3	DNT		LTS	+0.55	UTE	LTE		45	OUTLET	510UL
		37.99	178	P 1	DNT		LTS	+0.02	UTE	LTE		45	OUTLET	510UL
57	63	7.82	181	3	DNT		LTS	+0.67	UTE	LTE		46	OUTLET	510UL
		33.47	182	P 1	DNT		LTS	+0.09	UTE	LTE		46	OUTLET	510UL
57	64	0.25	99	3	NQI		008	+25.41	UTE	LTE		45	OUTLET	510UL
		9.11	181	3	DNT		LTS	+0.73	UTE	LTE		45	OUTLET	510UL
		34.18	174	P 1	DNT		LTS	+0.13	UTE	LTE		45	OUTLET	510UL
57	65	21.32	179	P 1	DNT		LTS	+0.09	UTE	LTE		125	OUTLET	510UL
57	66	21.22	181	P 1	DNT		LTS	+0.07	UTE	LTE		126	OUTLET	510UL
57	67	21.28	177	P 1	DNT		LTS	+0.13	UTE	LTE		125	OUTLET	510UL
57	68	25.80	182	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
57	69	25.68	177	P 1	DNT		LTS	+0.13	UTE	LTE		125	OUTLET	510UL
57	70	19.01	181	P 1	DNT		LTS	+0.11	UTE	LTE		126	OUTLET	510UL
		8.02	181	3	DNT		LTS	+0.82	UTE	LTE		126	OUTLET	510UL
57	71	11.39	176	P 1	DNT		LTS	+0.09	UTE	LTE		125	OUTLET	510UL
57	72	7.76	180	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
57	73	12.84	176	P 1	DNT		LTS	+0.02	UTE	LTE		125	OUTLET	510UL
57	74	9.85	179	P 1	DNT		LTS	+0.18	UTE	LTE		126	OUTLET	510UL
57	75	15.19	181	P 1	DNT		LTS	+0.00	UTE	LTE	IV	126	OUTLET	510UL
57	76	15.21	176	P 1	DNT		LTS	+0.16	UTE	LTE		112	OUTLET	510UL
57	77	22.39	175	P 1	DNT		LTS	+0.16	UTE	LTE		112	OUTLET	510UL
57	78	34.03	176	P 1	DNT		LTS	+0.16	UTE	LTE		112	OUTLET	510UL
57	79	0.40	76	3	NQI		008	+2.85	UTE	LTE		112	OUTLET	510UL
		50.60	177	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
57	80	33.44	177	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
57	81	23.16	178	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
57	82	0.33	118	3	NQI		006	+21.58	UTE	LTE		112	OUTLET	510UL
		26.17	178	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
57	83	36.76	177	P 1	DNT		LTS	+0.13	UTE	LTE		112	OUTLET	510UL
57	84	12.50	175	P 1	DNT		LTS	+0.11	UTE	LTE		112	OUTLET	510UL
57	85	0.34	125	3	NQI		014	+32.61	UTE	LTE		112	OUTLET	510UL
		20.07	177	P 1	DNT		LTS	+0.00	UTE	LTE		112	OUTLET	510UL
57	86	15.36	174	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
57	87	21.67	177	P 1	DNT		LTS	+0.24	UTE	LTE		112	OUTLET	510UL
57	88	29.06	176	P 1	DNT		LTS	+0.04	UTE	LTE		112	OUTLET	510UL
57	89	21.61	176	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
57	90	22.01	175	P 1	DNT		LTS	+0.09	UTE	LTE		112	OUTLET	510UL
57	91	10.92	175	P 1	DNT		LTS	+0.04	UTE	LTE		112	OUTLET	510UL
57	92	11.10	176	P 1	DNT		LTS	-0.06	UTE	LTE		112	OUTLET	510UL
57	93	7.44	179	P 1	DNT		LTS	-0.17	UTE	LTE		112	OUTLET	510UL
57	94	7.52	177	P 1	DNT		LTS	-0.13	UTE	LTE		112	OUTLET	510UL
57	100	0.32	89	P 1	NQI		006	-0.82	UTE	LTE		112	OUTLET	510UL
57	103	0.63	62	3	NQI		004	+16.43	UTE	LTE		112	OUTLET	510UL
57	104	0.33	82	3	NQI		001	+13.60	UTE	LTE		115	OUTLET	510UL
57	112	0.34	76	3	NQI		003	+2.66	UTE	LTE		115	OUTLET	510UL
57	124	0.32	107	P 1	NQI		015	+0.20	UTE	LTE		115	OUTLET	510UL
		1.56	127	P 1	NQI		009	-0.73	UTE	LTE		115	OUTLET	510UL
		0.62	98	3	NQI		009	+16.92	UTE	LTE	TO+29.49	115	OUTLET	510UL
57	125	0.42	103	3	NQI		011	+35.27	UTE	LTE		115	OUTLET	510UL
57	128	0.58	89	3	NQI		011	+5.80	LTE	UTE	TO+11.60	114	INLET	510UL
58	1	0.81	118	3	NQI		014	+7.31	014	LTE		132	OUTLET	510UL
		0.42	108	3	NQI		014	+6.62	014	LTE		132	OUTLET	510UL
		0.50	113	3	TWD	6	012	+7.31	014	LTE		132	OUTLET	510UL
58	2	0.61	95	P 1	NQI		010	+0.51	014	LTE		132	OUTLET	510UL
		1.46	107	P 1	NQI		013	-0.81	014	LTE		132	OUTLET	510UL
		0.78	115	P 1	NQI		014	-0.83	014	LTE		132	OUTLET	510UL
		0.40	124	P 1	NQI		012	-0.64	014	LTE		132	OUTLET	510UL
58	3	1.22	104	P 1	NQI		011	-0.53	014	LTE		132	OUTLET	510UL
		0.44	94	P 1	NQI		012	+1.06	014	LTE		132	OUTLET	510UL
58	4	0.45	94	P 1	NQI		011	-0.75	UTE	LTE		26	OUTLET	510UL
58	12	0.82	109	3	NQI		015	+2.24	UTE	LTE		26	OUTLET	510UL
58	20	0.31	107	3	NQI		010	+28.80	UTE	LTE		26	OUTLET	510UL
58	53	9.68	179	P 1	DNT		LTS	-0.04	UTE	LTE		27	OUTLET	510UL
58	54	8.33	176	P 1	DNT		LTS	-0.09	UTE	LTE		26	OUTLET	510UL
58	55	7.01	179	P 1	DNT		LTS	-0.02	UTE	LTE		27	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
58	56	8.73	175	P 1	DNT		LTS	+0.04	UTE	LTE		26	OUTLET	510UL
58	57	15.48	179	P 1	DNT		LTS	+0.00	UTE	LTE		27	OUTLET	510UL
58	58	20.06	176	P 1	DNT		LTS	+0.15	UTE	LTE		26	OUTLET	510UL
58	59	14.76	179	P 1	DNT		LTS	+0.04	UTE	LTE		46	OUTLET	510UL
58	60	18.53	170	P 1	DNT		LTS	+0.09	UTE	LTE		45	OUTLET	510UL
58	61	24.89	182	P 1	DNT		LTS	+0.20	UTE	LTE		46	OUTLET	510UL
58	62	8.37	183	3	DNT		LTS	+0.49	UTE	LTE		45	OUTLET	510UL
		26.78	179	P 1	DNT		LTS	+0.02	UTE	LTE		45	OUTLET	510UL
58	63	36.11	182	P 1	DNT		LTS	+0.27	UTE	LTE		46	OUTLET	510UL
		16.83	179	3	DNT		LTS	+1.11	UTE	LTE		46	OUTLET	510UL
58	64	7.60	178	3	DNT		LTS	+0.69	UTE	LTE		45	OUTLET	510UL
		28.34	181	P 1	DNT		LTS	+0.07	UTE	LTE		45	OUTLET	510UL
58	65	10.11	181	3	DNT		LTS	+0.69	UTE	LTE		98	OUTLET	510UL
		20.29	179	P 1	DNT		LTS	+0.13	UTE	LTE		98	OUTLET	510UL
58	66	12.42	179	P 1	DNT		LTS	+0.20	UTE	LTE		125	OUTLET	510UL
		8.19	184	3	DNT		LTS	+0.73	UTE	LTE		125	OUTLET	510UL
58	68	12.10	178	P 1	DNT		LTS	+0.13	UTE	LTE		125	OUTLET	510UL
58	69	13.37	181	P 1	DNT		LTS	+0.09	UTE	LTE		126	OUTLET	510UL
58	70	12.37	176	P 1	DNT		LTS	+0.07	UTE	LTE		125	OUTLET	510UL
58	71	9.09	179	P 1	DNT		LTS	+0.09	UTE	LTE		126	OUTLET	510UL
		7.13	180	3	DNT		LTS	+0.89	UTE	LTE		126	OUTLET	510UL
58	76	7.68	171	P 1	DNT		LTS	+0.04	UTE	LTE		115	OUTLET	510UL
58	77	13.27	187	P 1	DNT		LTS	+0.00	UTE	LTE		141	OUTLET	510UL
58	78	22.20	175	P 1	DNT		LTS	+0.13	UTE	LTE		115	OUTLET	510UL
58	79	26.78	189	P 1	DNT		LTS	+0.00	UTE	LTE		141	OUTLET	510UL
58	80	25.13	176	P 1	DNT		LTS	+0.00	UTE	LTE		115	OUTLET	510UL
58	81	21.21	184	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	82	23.09	177	P 1	DNT		LTS	+0.13	UTE	LTE		115	OUTLET	510UL
58	83	28.08	190	P 1	DNT		LTS	+0.00	UTE	LTE		141	OUTLET	510UL
58	84	26.53	177	P 1	DNT		LTS	+0.20	UTE	LTE		115	OUTLET	510UL
58	85	37.45	183	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	86	17.75	175	P 1	DNT		LTS	+0.20	UTE	LTE		115	OUTLET	510UL
58	87	17.46	182	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	88	17.26	175	P 1	DNT		LTS	+0.02	UTE	LTE		115	OUTLET	510UL
58	89	0.74	104	3	NQI		015	+31.77	UTE	LTE		116	OUTLET	510UL
		25.22	183	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	91	25.26	173	P 1	DNT		LTS	+0.00	UTE	LTE		115	OUTLET	510UL
58	92	15.49	179	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	93	13.32	175	P 1	DNT		LTS	+0.02	UTE	LTE		115	OUTLET	510UL
58	94	7.27	181	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
58	95	6.66	175	P 1	DNT		LTS	-0.17	UTE	LTE		115	OUTLET	510UL
58	103	0.37	96	3	NQI		011	+26.03	UTE	LTE		115	OUTLET	510UL
		0.20	58	3	NQI		011	+18.33	UTE	LTE		115	OUTLET	510UL
		0.32	96	3	NQI		011	+8.25	UTE	LTE		115	OUTLET	510UL
		0.30	105	3	NQI		008	+7.32	UTE	LTE		115	OUTLET	510UL
		0.39	85	3	NQI		008	+3.59	UTE	LTE		115	OUTLET	510UL
		0.41	102	3	NQI		007	+34.52	UTE	LTE		115	OUTLET	510UL
		0.29	110	3	NQI		007	+16.50	UTE	LTE		115	OUTLET	510UL
58	109	0.68	135	3	NQI		015	+10.33	UTE	LTE		115	OUTLET	510UL
58	114	0.26	107	3	NQI		009	+18.01	UTE	LTE		115	OUTLET	510UL
58	122	0.77	108	P 1	NQI		009	+0.54	UTE	LTE		115	OUTLET	510UL
		1.16	109	P 1	NQI		009	-0.58	UTE	LTE		115	OUTLET	510UL
58	125	1.09	119	P 1	NQI		009	-0.69	UTE	LTE		115	OUTLET	510UL
58	126	0.81	123	P 1	NQI		011	-0.71	UTE	LTE		115	OUTLET	510UL
		0.72	106	3	NQI		009	+31.07	UTE	LTE	TO+38.66	115	OUTLET	510UL
58	129	0.45	107	3	NQI		011	+11.97	LTE	UTE		114	INLET	510UL
59	9	0.44	68	3	NQI		012	+18.29	UTE	LTE		26	OUTLET	510UL
59	29	0.40	77	P 1	NQI		005	-0.67	UTE	LTE		27	OUTLET	510UL
59	31	7.39	88	6	ADI		LTS	+21.50	UTE	LTE	TO+30.40	27	OUTLET	510UL
59	51	7.31	179	P 1	DNT		LTS	-0.11	UTE	LTE		26	OUTLET	510UL
59	52	7.97	181	P 1	DNT		LTS	-0.09	UTE	LTE		27	OUTLET	510UL
59	53	11.26	178	P 1	DNT		LTS	+0.00	UTE	LTE		26	OUTLET	510UL
59	54	16.05	179	P 1	DNT		LTS	+0.02	UTE	LTE		27	OUTLET	510UL
59	55	22.39	174	P 1	DNT		LTS	+0.11	UTE	LTE		26	OUTLET	510UL
59	56	22.83	180	P 1	DNT		LTS	+0.11	UTE	LTE		46	OUTLET	510UL
59	57	15.30	172	P 1	DNT		LTS	+0.02	LTE	UTE		4	INLET	510UL
59	59	24.43	172	P 1	DNT		LTS	+0.02	LTE	UTE		4	INLET	510UL
		10.26	175	3	DNT		LTS	+0.50	LTE	UTE		4	INLET	510UL
59	60	51.38	175	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
		9.89	177	3	DNT		LTS	+0.65	LTE	UTE		4	INLET	510UL
59	61	27.64	177	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
		15.17	177	3	DNT		LTS	+0.63	LTE	UTE		4	INLET	510UL
59	62	21.05	178	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
		13.97	181	3	DNT		LTS	+0.63	LTE	UTE		4	INLET	510UL
59	63	16.35	178	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
59	64	10.50	182	3	DNT		LTS	+0.72	LTE	UTE		4	INLET	510UL
		15.04	176	P 1	DNT		LTS	+0.20	LTE	UTE		4	INLET	510UL
		14.12	181	3	DNT		LTS	+0.79	LTE	UTE		4	INLET	510UL
59	65	6.53	160	P 1	DNT		LTS	+0.22	LTE	UTE		4	INLET	510UL
59	67	6.61	166	3	DNT		LTS	+0.72	LTE	UTE		4	INLET	510UL
59	68	32.88	183	3	DNT		LTE	+1.81	LTE	UTE		4	INLET	510UL
		14.96	181	3	DNT		LTE	+2.99	LTE	UTE		4	INLET	510UL
		6.34	163	P 1	DNT		LTS	+0.07	LTE	UTE		4	INLET	510UL
59	71	0.38	68	3	NQI		007	+28.00	UTE	LTE		126	OUTLET	510UL
59	76	7.42	189	P 1	DNT		LTS	+0.15	UTE	LTE		141	OUTLET	510UL
59	77	13.59	175	P 1	DNT		LTS	+0.18	UTE	LTE		115	OUTLET	510UL
59	78	29.11	183	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
59	79	18.23	177	P 1	DNT		LTS	+0.16	UTE	LTE		115	OUTLET	510UL
59	80	23.29	184	P 1	DNT		LTS	-0.18	UTE	LTE		116	OUTLET	510UL
59	82	26.79	177	P 1	DNT		LTS	+0.00	UTE	LTE		115	OUTLET	510UL
59	83	15.53	189	P 1	DNT		LTS	+0.04	UTE	LTE		141	OUTLET	510UL
59	84	9.39	175	P 1	DNT		LTS	+0.11	UTE	LTE		115	OUTLET	510UL
59	85	17.43	179	P 1	DNT		LTS	+0.02	UTE	LTE		141	OUTLET	510UL
59	86	28.88	177	P 1	DNT		LTS	+0.09	UTE	LTE		115	OUTLET	510UL
59	87	21.51	182	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
59	88	27.03	174	P 1	DNT		LTS	+0.07	UTE	LTE		115	OUTLET	510UL
59	89	14.26	180	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
59	90	11.80	177	P 1	DNT		LTS	+0.07	UTE	LTE		115	OUTLET	510UL
59	91	6.17	183	P 1	DNT		LTS	-0.15	UTE	LTE		141	OUTLET	510UL
59	114	0.30	72	3	NQI		009	+28.89	UTE	LTE		116	OUTLET	510UL
59	117	0.64	122	P 1	NQI		009	-0.68	UTE	LTE		115	OUTLET	510UL
59	120	0.93	126	P 1	NQI		009	-0.77	UTE	LTE		116	OUTLET	510UL
59	121	0.48	102	P 1	NQI		010	+0.33	UTE	LTE		115	OUTLET	510UL
		0.60	80	3	NQI		009	+18.88	UTE	LTE	TO+29.75	115	OUTLET	510UL
59	124	0.63	123	P 1	NQI		011	-0.67	LTE	UTE		114	INLET	510UL
		0.38	104	3	NQI		010	+17.16	LTE	UTE		114	INLET	510UL
60	1	0.99	97	P 1	NQI		012	+0.66	014	LTE		132	OUTLET	510UL
60	3	0.94	98	P 1	NQI		011	-0.75	014	LTE		132	OUTLET	510UL
60	18	0.50	115	P 1	NQI		015	+0.71	UTE	LTE		26	OUTLET	510UL
60	35	0.31	88	3	NQI		012	+31.96	UTE	LTE		21	OUTLET	510UL
60	43	6.65	179	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
60	47	0.72	82	P 1	NQI		003	-0.82	UTE	LTE		21	OUTLET	510UL
60	54	6.73	177	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
60	55	8.12	181	P 1	DNT		LTS	-0.11	UTE	LTE		22	OUTLET	510UL
60	56	10.12	177	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
60	57	31.34	180	P 1	DNT		LTS	+0.00	UTE	LTE		22	OUTLET	510UL
60	58	24.40	179	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
60	59	24.68	173	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
60	60	21.71	173	P 1	DNT		LTS	+0.07	LTE	UTE		4	INLET	510UL
60	61	33.05	176	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
60	62	21.87	175	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
60	63	9.96	176	3	DNT		LTS	+0.65	LTE	UTE		4	INLET	510UL
		33.55	173	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
60	64	25.02	176	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
		6.42	177	3	DNT		LTS	+0.65	LTE	UTE		4	INLET	510UL
60	65	12.90	180	3	DNT		LTS	+0.58	LTE	UTE		4	INLET	510UL
		22.97	176	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
60	66	6.28	186	3	DNT		LTS	+0.67	LTE	UTE		4	INLET	510UL
		12.09	174	P 1	DNT		LTS	+0.18	LTE	UTE		4	INLET	510UL
60	67	9.47	175	P 1	DNT		LTS	+0.22	LTE	UTE		4	INLET	510UL
		6.19	187	3	DNT		LTS	+0.69	LTE	UTE		4	INLET	510UL
60	68	6.90	187	3	DNT		LTS	+0.74	LTE	UTE		4	INLET	510UL
		9.32	193	3	DNT		UTS	+11.65	LTE	UTE		4	INLET	510UL
60	71	0.36	103	3	NQI		006	+24.51	LTE	UTE		4	INLET	510UL
60	80	0.34	114	P 1	NQI		005	+0.67	UTE	LTE		141	OUTLET	510UL
		9.46	189	P 1	DNT		LTS	-0.11	UTE	LTE		141	OUTLET	510UL
60	81	14.34	177	P 1	DNT		LTS	+0.29	UTE	LTE		115	OUTLET	510UL
60	82	9.95	181	P 1	DNT		LTS	+0.13	UTE	LTE		141	OUTLET	510UL
60	83	20.91	178	P 1	DNT		LTS	+0.20	UTE	LTE		115	OUTLET	510UL
60	84	31.52	190	P 1	DNT		LTS	+0.15	UTE	LTE		141	OUTLET	510UL
60	85	20.79	177	P 1	DNT		LTS	+0.09	UTE	LTE		115	OUTLET	510UL
60	86	23.71	182	P 1	DNT		LTS	+0.07	UTE	LTE		116	OUTLET	510UL
60	87	16.74	176	P 1	DNT		LTS	+0.11	UTE	LTE		115	OUTLET	510UL
60	88	15.65	181	P 1	DNT		LTS	+0.11	UTE	LTE		141	OUTLET	510UL
60	89	11.22	174	P 1	DNT		LTS	+0.09	UTE	LTE		115	OUTLET	510UL
60	90	29.40	190	P 1	DNT		LTS	+0.11	UTE	LTE		141	OUTLET	510UL
60	91	26.92	176	P 1	DNT		LTS	+0.11	UTE	LTE		115	OUTLET	510UL
60	92	26.63	180	P 1	DNT		LTS	+0.00	UTE	LTE		116	OUTLET	510UL
60	93	20.20	173	P 1	DNT		LTS	+0.02	UTE	LTE		115	OUTLET	510UL
60	94	18.15	189	P 1	DNT		LTS	-0.06	UTE	LTE		141	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
60	95	6.68	177	P 1	DNT		LTS	-0.11	UTE	LTE		115	OUTLET	510UL
60	117	8.63	180	3	DNT		002	+35.77	LTE	UTE		114	INLET	510UL
60	122	10.50	178	3	DNT		004	+33.38	LTE	UTE		114	INLET	510UL
60	125	0.71	116	P 1	NQI		009	-0.62	LTE	UTE		114	INLET	510UL
60	126	0.58	72	P 1	NQI		009	-0.67	LTE	UTE		114	INLET	510UL
61	3	0.60	115	P 1	NQI		011	-0.70	014	LTE		132	OUTLET	510UL
		1.65	107	P 1	NQI		013	-0.82	014	LTE		132	OUTLET	510UL
61	4	0.46	92	3	NQI		012	+1.18	014	LTE		133	OUTLET	510UL
		0.39	96	P 1	NQI		010	+0.39	014	LTE		133	OUTLET	510UL
61	32	0.47	99	3	TWD	33	009	+16.49	UTE	LTE		21	OUTLET	510UL
61	54	10.20	178	P 1	DNT		LTS	-0.11	UTE	LTE		22	OUTLET	510UL
61	55	16.73	179	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
61	56	17.29	178	P 1	DNT		LTS	+0.00	UTE	LTE		21	OUTLET	510UL
61	57	0.78	60	3	NQI		002	+2.22	LTE	UTE		4	INLET	510UL
		25.97	174	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
61	58	22.03	176	P 1	DNT		LTS	+0.07	LTE	UTE		4	INLET	510UL
61	59	49.19	176	P 1	DNT		LTS	+0.09	LTE	UTE		4	INLET	510UL
61	60	35.28	175	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
61	61	36.35	177	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
61	62	28.63	176	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
		6.63	175	3	DNT		LTS	+0.58	LTE	UTE		4	INLET	510UL
61	63	27.84	176	P 1	DNT		LTS	+0.22	LTE	UTE		4	INLET	510UL
61	64	18.41	177	P 1	DNT		LTS	+0.20	LTE	UTE		4	INLET	510UL
		7.73	181	3	DNT		LTS	+0.72	LTE	UTE		4	INLET	510UL
61	65	9.04	172	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
		7.71	183	3	DNT		LTS	+0.63	LTE	UTE		4	INLET	510UL
61	66	8.00	173	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
		11.14	184	3	DNT		LTS	+0.74	LTE	UTE		4	INLET	510UL
61	67	14.90	185	3	DNT		LTS	+0.65	LTE	UTE		4	INLET	510UL
		9.80	194	3	DNT		UTS	+14.49	LTE	UTE		4	INLET	510UL
61	68	6.23	183	3	DNT		LTS	+0.76	LTE	UTE		4	INLET	510UL
61	70	6.79	179	P 1	DNT		LTS	+0.34	LTE	UTE		4	INLET	510UL
61	71	0.35	61	P 1	NQI		009	+0.07	LTE	UTE		4	INLET	510UL
		7.73	179	P 1	DNT		LTS	+0.38	LTE	UTE		4	INLET	510UL
61	81	12.00	176	P 1	DNT		LTS	+0.20	UTE	LTE		119	OUTLET	510UL
61	82	13.07	175	P 1	DNT		LTS	+0.11	UTE	LTE		119	OUTLET	510UL
61	83	25.84	176	P 1	DNT		LTS	+0.09	UTE	LTE		119	OUTLET	510UL
61	84	26.09	176	P 1	DNT		LTS	+0.00	UTE	LTE		119	OUTLET	510UL
61	85	27.98	177	P 1	DNT		LTS	+0.00	UTE	LTE		119	OUTLET	510UL
61	86	13.58	176	P 1	DNT		LTS	+0.16	UTE	LTE		119	OUTLET	510UL
		0.67	130	P 1	NQI		015	+0.80	UTE	LTE		119	OUTLET	510UL
61	87	9.91	174	P 1	DNT		LTS	+0.02	UTE	LTE		119	OUTLET	510UL
61	88	13.09	167	P 1	DNT		LTS	+0.02	UTE	LTE		119	OUTLET	510UL
61	89	17.94	172	P 1	DNT		LTS	+0.11	UTE	LTE		119	OUTLET	510UL
61	90	18.97	172	P 1	DNT		LTS	+0.00	UTE	LTE		119	OUTLET	510UL
61	91	20.17	173	P 1	DNT		LTS	+0.13	UTE	LTE		119	OUTLET	510UL
61	92	12.90	170	P 1	DNT		LTS	+0.00	UTE	LTE		119	OUTLET	510UL
61	98	0.85	59	3	NQI		015	+9.82	UTE	LTE		119	OUTLET	510UL
		0.43	86	3	NQI		014	+14.53	UTE	LTE		119	OUTLET	510UL
61	102	0.35	95	3	NQI		006	+28.15	UTE	LTE		119	OUTLET	510UL
61	116	0.35	96	3	NQI		015	+14.07	LTE	UTE		114	INLET	510UL
61	121	0.88	111	3	NQI		014	+1.32	LTE	UTE		114	INLET	510UL
62	8	0.71	86	P 1	NQI		010	+0.47	UTE	LTE		21	OUTLET	510UL
62	20	0.57	112	3	NQI		015	+36.95	UTE	LTE		21	OUTLET	510UL
		0.47	113	3	NQI		015	+35.64	UTE	LTE		21	OUTLET	510UL
62	23	0.45	94	3	NQI		015	+35.31	UTE	LTE		22	OUTLET	510UL
62	43	0.30	100	P 1	NQI		003	-0.84	UTE	LTE		17	OUTLET	510UL
62	52	0.73	78	P 1	NQI		011	-0.90	UTE	LTE		18	OUTLET	510UL
62	56	10.87	179	P 1	DNT		LTS	-0.07	UTE	LTE		18	OUTLET	510UL
62	57	40.91	180	P 1	DNT		LTS	-0.02	UTE	LTE		17	OUTLET	510UL
62	58	23.93	175	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
62	59	27.69	176	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
62	60	25.69	176	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
62	61	52.01	176	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
62	62	31.02	177	P 1	DNT		LTS	+0.18	LTE	UTE		4	INLET	510UL
62	63	34.82	177	P 1	DNT		LTS	+0.16	LTE	UTE		4	INLET	510UL
62	64	33.54	177	P 1	DNT		LTS	+0.18	LTE	UTE		4	INLET	510UL
62	65	32.92	177	P 1	DNT		LTS	+0.18	LTE	UTE		4	INLET	510UL
62	66	14.34	176	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
62	67	14.01	176	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
62	68	7.88	168	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
		9.74	181	3	DNT		LTS	+0.69	LTE	UTE		4	INLET	510UL
62	70	6.68	172	P 1	DNT		LTS	+0.20	LTE	UTE		4	INLET	510UL
62	72	10.30	178	P 1	DNT		LTS	+0.40	LTE	UTE		4	INLET	510UL
		7.78	179	3	DNT		LTS	+0.92	LTE	UTE		4	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
62	75	0.33	96	3	NQI		006	+26.53	UTE	LTE			119	OUTLET 510UL
62	79	0.18	99	P 1	NQI		005	-0.58	UTE	LTE			119	OUTLET 510UL
62	84	7.51	172	P 1	DNT		LTS	+0.07	UTE	LTE			119	OUTLET 510UL
62	85	14.39	174	P 1	DNT		LTS	+0.00	UTE	LTE			119	OUTLET 510UL
62	86	32.06	176	P 1	DNT		LTS	+0.04	UTE	LTE			119	OUTLET 510UL
62	87	37.49	176	P 1	DNT		LTS	+0.00	UTE	LTE			119	OUTLET 510UL
62	88	24.41	184	P 1	DNT		LTS	+0.11	LTE	UTE			114	INLET 510UL
62	89	23.29	183	P 1	DNT		LTS	+0.09	LTE	UTE			114	INLET 510UL
62	90	18.27	181	P 1	DNT		LTS	+0.14	LTE	UTE			114	INLET 510UL
62	91	20.65	178	P 1	DNT		LTS	+0.09	LTE	UTE			114	INLET 510UL
62	92	16.80	181	P 1	DNT		LTS	+0.14	LTE	UTE			114	INLET 510UL
62	93	22.06	182	P 1	DNT		LTS	+0.20	LTE	UTE			114	INLET 510UL
62	94	13.55	181	P 1	DNT		LTS	+0.11	LTE	UTE			114	INLET 510UL
62	95	23.02	182	P 1	DNT		LTS	+0.09	LTE	UTE			114	INLET 510UL
62	115	0.87	61	3	NQI		003	+32.65	LTE	UTE			114	INLET 510UL
62	125	0.56	110	3	NQI		009	+26.84	LTE	UTE			110	INLET 510UL
62	126	0.53	68	P 1	NQI		009	-0.63	LTE	UTE			110	INLET 510UL
63	1	0.28	105	P 1	NQI		011	+0.04	014	LTE			132	OUTLET 510UL
63	2	0.59	82	P 1	NQI		012	+0.66	014	LTE			133	OUTLET 510UL
63	4	2.27	96	P 1	NQI		012	+0.75	014	LTE			132	OUTLET 510UL
63	10	0.47	79	P 1	NQI		001	-0.90	UTE	LTE			18	OUTLET 510UL
63	21	0.42	97	3	NQI		003	+17.51	UTE	LTE			17	OUTLET 510UL
		0.50	85	3	NQI		002	+13.05	UTE	LTE			17	OUTLET 510UL
63	22	1.65	52	6	ADI		015	+35.54	UTE	LTE			18	OUTLET 510UL
63	25	1.23	56	6	ADI		015	+34.42	UTE	LTE			17	OUTLET 510UL
63	34	15.25	88	6	ADI		LTS	+21.82	UTE	LTE	TO+30.24		18	OUTLET 510UL
63	54	0.36	97	3	NQI		011	+21.63	UTE	LTE			17	OUTLET 510UL
63	56	9.04	179	P 1	DNT		LTS	+0.07	UTE	LTE			17	OUTLET 510UL
63	57	34.32	180	P 1	DNT		LTS	+0.04	UTE	LTE			18	OUTLET 510UL
63	58	35.46	179	P 1	DNT		LTS	+0.13	UTE	LTE			17	OUTLET 510UL
		0.42	98	P 1	NQI		002	-0.84	UTE	LTE			17	OUTLET 510UL
63	59	29.64	176	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET 510UL
63	60	39.22	176	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET 510UL
63	61	45.82	177	P 1	DNT		LTS	+0.18	LTE	UTE			4	INLET 510UL
		0.18	94	P 1	NQI		014	+0.16	LTE	UTE			4	INLET 510UL
63	62	38.88	177	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET 510UL
63	63	29.39	175	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET 510UL
63	64	38.58	176	P 1	DNT		LTS	+0.11	LTE	UTE			4	INLET 510UL
63	65	37.44	177	P 1	DNT		LTS	+0.18	LTE	UTE			4	INLET 510UL
63	66	27.49	176	P 1	DNT		LTS	+0.18	LTE	UTE			4	INLET 510UL
63	67	26.00	176	P 1	DNT		LTS	+0.16	LTE	UTE			4	INLET 510UL
63	68	14.19	174	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET 510UL
63	69	10.30	172	P 1	DNT		LTS	+0.20	LTE	UTE			4	INLET 510UL
63	72	6.20	176	P 1	DNT		LTS	+0.32	LTE	UTE			4	INLET 510UL
63	73	8.41	182	P 1	DNT		LTS	+0.56	LTE	UTE			4	INLET 510UL
63	74	8.09	181	P 1	DNT		LTS	+0.51	UTE	LTE			125	OUTLET 510UL
63	86	13.26	183	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
63	87	28.21	179	P 1	DNT		LTS	+0.09	UTE	LTE			119	OUTLET 510UL
63	88	49.66	183	P 1	DNT		LTS	+0.07	UTE	LTE			120	OUTLET 510UL
63	89	36.67	183	P 1	DNT		LTS	+0.16	LTE	UTE			114	INLET 510UL
		0.34	72	3	NQI		012	+10.52	LTE	UTE			114	INLET 510UL
63	90	18.33	181	P 1	DNT		LTS	+0.09	LTE	UTE			114	INLET 510UL
63	91	7.61	178	P 1	DNT		LTS	+0.14	LTE	UTE			114	INLET 510UL
63	92	13.70	177	P 1	DNT		LTS	+0.00	LTE	UTE			114	INLET 510UL
63	93	23.36	181	P 1	DNT		LTS	+0.18	LTE	UTE			114	INLET 510UL
63	94	32.64	183	P 1	DNT		LTS	+0.20	LTE	UTE			114	INLET 510UL
63	95	15.21	182	P 1	DNT		LTS	+0.07	LTE	UTE			114	INLET 510UL
63	96	12.30	180	P 1	DNT		LTS	+0.02	LTE	UTE			114	INLET 510UL
63	122	0.48	82	P 1	NQI		007	+0.72	LTE	UTE			110	INLET 510UL
64	2	1.15	97	P 1	NQI		011	+0.57	014	LTE			132	OUTLET 510UL
		0.50	72	P 1	NQI		014	+1.04	014	LTE			132	OUTLET 510UL
64	10	0.31	102	3	NQI		LTS	+8.88	UTE	LTE			17	OUTLET 510UL
64	12	0.56	122	3	NQI		UTS	-0.49	UTE	LTE			17	OUTLET 510UL
64	16	0.60	114	3	NQI		015	+36.39	UTE	LTE			17	OUTLET 510UL
64	43	0.50	97	3	NQI		015	+24.33	UTE	LTE			18	OUTLET 510UL
64	48	0.80	74	3	NQI		008	+28.52	UTE	LTE			17	OUTLET 510UL
64	56	0.37	95	P 1	NQI		004	-0.91	UTE	LTE			17	OUTLET 510UL
64	57	11.79	181	P 1	DNT		LTS	-0.11	UTE	LTE			18	OUTLET 510UL
64	58	37.23	181	P 1	DNT		LTS	-0.04	UTE	LTE			17	OUTLET 510UL
64	59	35.26	175	P 1	DNT		LTS	+0.11	LTE	UTE			4	INLET 510UL
64	60	32.20	177	P 1	DNT		LTS	+0.20	LTE	UTE			4	INLET 510UL
64	61	32.30	176	P 1	DNT		LTS	+0.23	LTE	UTE			4	INLET 510UL
64	62	42.02	179	P 1	DNT		LTS	+0.25	LTE	UTE			4	INLET 510UL
64	63	30.77	177	P 1	DNT		LTS	+0.18	LTE	UTE			4	INLET 510UL
64	64	38.03	177	P 1	DNT		LTS	+0.18	LTE	UTE			4	INLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
64	65	47.71	177	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
64	66	61.71	177	P	1	DNT	LTS	+0.20	LTE	UTE		4	INLET	510UL
64	67	39.82	177	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
64	68	39.04	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
64	69	35.91	176	P	1	DNT	LTS	+0.20	LTE	UTE		4	INLET	510UL
64	70	12.62	172	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
64	71	9.12	168	P	1	DNT	LTS	+0.13	LTE	UTE		4	INLET	510UL
64	72	17.98	173	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
64	73	16.56	173	P	1	DNT	LTS	+0.29	LTE	UTE		4	INLET	510UL
64	74	7.55	177	P	1	DNT	LTS	+0.54	LTE	UTE		4	INLET	510UL
64	75	6.36	179	P	1	DNT	LTS	+0.42	UTE	LTE		119	OUTLET	510UL
64	78	1.54	106	P	1	NQI	UTS	+20.04	UTE	LTE		119	OUTLET	510UL
64	87	13.66	185	P	1	DNT	LTS	+0.20	UTE	LTE		120	OUTLET	510UL
64	88	35.47	178	P	1	DNT	LTS	+0.00	UTE	LTE		119	OUTLET	510UL
64	89	36.96	183	P	1	DNT	LTS	+0.09	UTE	LTE		120	OUTLET	510UL
64	90	27.09	177	P	1	DNT	LTS	+0.00	UTE	LTE		119	OUTLET	510UL
64	91	17.67	182	P	1	DNT	LTS	+0.04	UTE	LTE		120	OUTLET	510UL
64	92	14.07	172	P	1	DNT	LTS	+0.09	UTE	LTE		119	OUTLET	510UL
64	93	14.50	181	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
64	94	31.36	181	P	1	DNT	LTS	-0.18	LTE	UTE		110	INLET	510UL
64	95	37.34	181	P	1	DNT	LTS	-0.09	LTE	UTE		110	INLET	510UL
64	96	16.71	178	P	1	DNT	LTS	+0.02	LTE	UTE		110	INLET	510UL
64	126	0.85	109	P	1	NQI	009	-0.65	LTE	UTE		110	INLET	510UL
65	3	0.29	99	3	NQI		014	+1.20	014	LTE		133	OUTLET	510UL
		0.70	105	P	1	NQI	013	-0.81	014	LTE		133	OUTLET	510UL
65	13	0.30	99	P	1	NQI	004	-0.80	UTE	LTE		17	OUTLET	510UL
65	18	0.61	97	P	1	NQI	004	-0.79	UTE	LTE		18	OUTLET	510UL
65	23	0.29	90	3	NQI		LTS	+30.58	UTE	LTE		17	OUTLET	510UL
65	27	0.29	85	3	NQI		012	+32.98	UTE	LTE		17	OUTLET	510UL
65	38	2.25	115	3	NQI		LTS	+22.00	UTE	LTE	TO+30.31	18	OUTLET	510UL
65	40	0.55	136	3	NQI		007	+16.21	UTE	LTE		18	OUTLET	510UL
65	43	0.68	79	P	1	NQI	006	+0.67	UTE	LTE		17	OUTLET	510UL
65	50	0.50	94	3	NQI		010	+28.40	UTE	LTE		18	OUTLET	510UL
65	58	25.28	181	P	1	DNT	LTS	+0.00	UTE	LTE		17	OUTLET	510UL
65	59	47.40	176	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
65	60	32.29	176	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
65	61	60.25	178	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
65	62	70.26	178	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
65	63	26.80	175	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
65	64	33.06	176	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
65	65	55.31	177	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
65	66	35.21	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
65	67	42.00	176	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
65	68	40.96	177	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
65	69	27.26	175	P	1	DNT	LTS	+0.20	LTE	UTE		4	INLET	510UL
65	71	35.89	176	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
65	72	57.75	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
65	73	29.31	175	P	1	DNT	LTS	+0.20	LTE	UTE		4	INLET	510UL
65	85	6.80	184	3	DNT		LTS	+0.75	UTE	LTE		120	OUTLET	510UL
65	87	13.30	184	P	1	DNT	LTS	+0.13	UTE	LTE		120	OUTLET	510UL
65	88	29.73	184	P	1	DNT	LTS	+0.13	UTE	LTE		120	OUTLET	510UL
65	89	32.01	182	P	1	DNT	LTS	+0.09	UTE	LTE		120	OUTLET	510UL
65	90	37.16	182	P	1	DNT	LTS	+0.07	UTE	LTE		120	OUTLET	510UL
65	91	19.81	179	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
65	92	15.61	173	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
65	93	17.34	181	P	1	DNT	LTS	+0.13	UTE	LTE		120	OUTLET	510UL
65	94	37.41	180	P	1	DNT	LTS	+0.15	UTE	LTE		120	OUTLET	510UL
65	95	32.86	181	P	1	DNT	LTS	-0.04	LTE	UTE		110	INLET	510UL
65	96	8.76	181	P	1	DNT	LTS	+0.04	LTE	UTE		110	INLET	510UL
65	125	1.00	112	P	1	NQI	008	-0.56	LTE	UTE		110	INLET	510UL
65	126	0.54	111	3	NQI		013	+31.22	LTE	UTE		110	INLET	510UL
66	3	0.50	64	P	1	NQI	010	+0.62	014	LTE		132	OUTLET	510UL
		0.44	130	P	1	NQI	011	-0.75	014	LTE		132	OUTLET	510UL
66	18	32.14	109	3	NQI		LTS	+22.15	UTE	LTE	TO+29.89	17	OUTLET	510UL
66	26	0.44	107	P	1	NQI	010	+0.47	UTE	LTE		17	OUTLET	510UL
66	45	0.37	97	P	1	NQI	006	+0.56	UTE	LTE		18	OUTLET	510UL
66	59	26.25	175	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
66	60	45.54	176	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
66	61	50.30	176	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
66	62	56.65	177	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
66	63	36.94	177	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
66	64	29.04	177	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
66	65	32.97	176	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
66	66	37.31	176	P	1	DNT	LTS	+0.09	LTE	UTE		4	INLET	510UL
66	67	28.46	176	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
66	68	21.37	176	P	1	DNT	LTS	+0.14	LTE	UTE		4	INLET	510UL
66	69	22.28	173	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
66	70	18.74	172	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
66	71	48.22	175	P	1	DNT	LTS	+0.16	LTE	UTE		4	INLET	510UL
66	72	74.20	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
66	74	31.47	177	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
66	88	9.71	179	P	1	DNT	LTS	+0.15	UTE	LTE		120	OUTLET	510UL
66	89	40.65	182	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
66	90	34.41	184	P	1	DNT	LTS	+0.13	UTE	LTE		120	OUTLET	510UL
66	91	31.37	182	P	1	DNT	LTS	+0.09	UTE	LTE		120	OUTLET	510UL
66	92	13.54	177	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
66	93	20.66	179	P	1	DNT	LTS	+0.02	UTE	LTE		120	OUTLET	510UL
66	94	21.77	180	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
66	95	37.88	182	P	1	DNT	LTS	-0.07	LTE	UTE		110	INLET	510UL
66	96	22.16	179	P	1	DNT	LTS	-0.02	LTE	UTE		110	INLET	510UL
66	97	7.39	179	P	1	DNT	LTS	-0.18	LTE	UTE		110	INLET	510UL
66	103	0.37	129	3		NQI	015	+32.78	LTE	UTE		110	INLET	510UL
66	126	0.70	100	P	1	NQI	008	+0.74	LTE	UTE		110	INLET	510UL
		0.50	96	P	1	NQI	008	-0.67	LTE	UTE		110	INLET	510UL
67	2	0.62	118	P	1	NQI	011	-0.66	014	LTE		133	OUTLET	510UL
67	7	0.65	105	P	1	NQI	004	-0.79	UTE	LTE		18	OUTLET	510UL
67	11	0.76	24	P	1	NQI	012	+0.74	UTE	LTE		17	OUTLET	510UL
67	15	0.36	97	P	1	NQI	011	+0.18	UTE	LTE		18	OUTLET	510UL
67	18	0.27	92	P	1	NQI	010	+0.73	UTE	LTE		17	OUTLET	510UL
67	22	0.66	115	P	1	NQI	011	+0.55	UTE	LTE		17	OUTLET	510UL
67	26	0.41	109	P	1	NQI	006	-0.87	UTE	LTE		17	OUTLET	510UL
		0.55	97	P	1	NQI	009	+0.54	UTE	LTE		17	OUTLET	510UL
67	28	0.31	100	3		NQI	012	+19.26	UTE	LTE		17	OUTLET	510UL
67	37	0.53	73	P	1	NQI	009	+0.68	UTE	LTE		18	OUTLET	510UL
67	54	0.50	116	P	1	NQI	UTS	+18.72	UTE	LTE		17	OUTLET	510UL
67	56	0.52	87	P	1	NQI	UTS	+15.80	UTE	LTE		17	OUTLET	510UL
67	59	10.05	176	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
67	60	31.76	175	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
67	61	52.20	177	P	1	DNT	LTS	+0.09	LTE	UTE		4	INLET	510UL
67	62	46.98	176	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
67	63	29.96	174	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
67	64	35.45	174	P	1	DNT	LTS	+0.11	LTE	UTE		4	INLET	510UL
67	65	34.47	177	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
67	66	15.45	176	P	1	DNT	LTS	+0.05	LTE	UTE		4	INLET	510UL
67	67	14.60	175	P	1	DNT	LTS	+0.07	LTE	UTE		4	INLET	510UL
67	68	15.75	175	P	1	DNT	LTS	+0.00	LTE	UTE		4	INLET	510UL
		0.42	67	3		NQI	015	+10.30	LTE	UTE		4	INLET	510UL
67	69	22.28	173	P	1	DNT	LTS	+0.04	LTE	UTE		4	INLET	510UL
67	70	43.57	176	P	1	DNT	LTS	-0.24	LTE	UTE		4	INLET	510UL
67	71	87.62	176	P	1	DNT	LTS	+0.13	LTE	UTE		4	INLET	510UL
67	72	73.50	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
67	73	46.91	176	P	1	DNT	LTS	+0.18	LTE	UTE		4	INLET	510UL
67	74	6.40	169	P	1	DNT	LTS	+0.29	LTE	UTE		4	INLET	510UL
67	88	11.67	184	P	1	DNT	LTS	+0.22	UTE	LTE		120	OUTLET	510UL
67	89	21.10	178	P	1	DNT	LTS	+0.07	UTE	LTE		122	OUTLET	510UL
67	90	53.91	182	P	1	DNT	LTS	+0.11	UTE	LTE		120	OUTLET	510UL
67	91	28.26	176	P	1	DNT	LTS	+0.00	UTE	LTE		122	OUTLET	510UL
67	92	19.61	180	P	1	DNT	LTS	+0.07	UTE	LTE		120	OUTLET	510UL
67	93	20.71	176	P	1	DNT	LTS	+0.00	UTE	LTE		122	OUTLET	510UL
67	94	29.88	180	P	1	DNT	LTS	+0.09	UTE	LTE		120	OUTLET	510UL
67	95	40.17	182	P	1	DNT	LTS	+0.18	LTE	UTE		110	INLET	510UL
67	96	20.18	178	P	1	DNT	LTS	-0.24	LTE	UTE		110	INLET	510UL
67	97	10.57	179	P	1	DNT	LTS	+0.18	LTE	UTE		110	INLET	510UL
67	105	0.33	73	3		NQI	008	+29.93	LTE	UTE		110	INLET	510UL
67	124	0.43	81	P	1	NQI	007	-0.28	LTE	UTE		110	INLET	510UL
67	129	0.45	99	3		NQI	012	+1.43	LTE	UTE		110	INLET	510UL
67	130	0.41	53	P	1	NQI	011	+0.20	LTE	UTE		110	INLET	510UL
68	2	0.75	109	3		NQI	013	+14.23	014	LTE		132	OUTLET	510UL
		1.06	130	P	1	NQI	011	-0.68	014	LTE		132	OUTLET	510UL
		0.91	103	P	1	NQI	011	+0.62	014	LTE		132	OUTLET	510UL
68	5	1.36	107	P	1	NQI	010	+0.59	014	LTE		133	OUTLET	510UL
68	6	0.62	108	P	1	NQI	010	+0.51	014	LTE		132	OUTLET	510UL
68	8	0.59	106	P	1	NQI	010	-0.59	UTE	LTE		18	OUTLET	510UL
68	11	0.40	83	P	1	NQI	010	-0.76	UTE	LTE		17	OUTLET	510UL
68	12	0.71	116	P	1	NQI	010	-0.73	UTE	LTE		18	OUTLET	510UL
68	13	0.62	78	P	1	NQI	010	-0.79	UTE	LTE		17	OUTLET	510UL
		0.54	114	P	1	NQI	011	+0.56	UTE	LTE		17	OUTLET	510UL
68	17	0.74	86	3		NQI	007	+6.34	UTE	LTE		18	OUTLET	510UL
68	20	1.06	115	P	1	NQI	008	-0.67	UTE	LTE		17	OUTLET	510UL
68	23	0.71	144	P	1	NQI	010	-0.73	UTE	LTE		18	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
68	60	6.27	188	3	DNT		LTE	+22.10	LTE	UTE		2	INLET	510UL
68	62	18.26	178	P 1	DNT		LTS	+0.09	LTE	UTE		2	INLET	510UL
68	63	14.80	179	P 1	DNT		LTS	+0.14	LTE	UTE		2	INLET	510UL
68	64	9.73	177	P 1	DNT		LTS	-0.02	LTE	UTE		2	INLET	510UL
68	65	11.46	177	P 1	DNT		LTS	+0.00	LTE	UTE		2	INLET	510UL
		0.61	91	3	NQI		002	+25.64	LTE	UTE		2	INLET	510UL
68	66	0.80	88	P 1	NQI		004	+0.75	LTE	UTE		2	INLET	510UL
68	70	7.06	179	P 1	DNT		LTS	+0.11	LTE	UTE		2	INLET	510UL
68	71	9.36	179	P 1	DNT		LTS	+0.07	LTE	UTE		4	INLET	510UL
68	72	42.59	176	P 1	DNT		LTS	+0.11	LTE	UTE		4	INLET	510UL
68	73	39.50	175	P 1	DNT		LTS	+0.13	LTE	UTE		4	INLET	510UL
68	74	29.76	175	P 1	DNT		LTS	+0.22	LTE	UTE		4	INLET	510UL
68	89	10.77	184	P 1	DNT		LTS	+0.15	UTE	LTE		120	OUTLET	510UL
68	90	41.83	180	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
68	91	43.42	182	P 1	DNT		LTS	+0.07	UTE	LTE		120	OUTLET	510UL
68	92	27.52	177	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
68	93	15.90	180	P 1	DNT		LTS	+0.11	UTE	LTE		120	OUTLET	510UL
68	95	34.47	177	P 1	DNT		LTS	+0.09	UTE	LTE		122	OUTLET	510UL
68	96	37.90	181	P 1	DNT		LTS	+0.09	UTE	LTE		120	OUTLET	510UL
68	100	0.57	68	P 1	NQI		015	+0.68	LTE	UTE		111	INLET	510UL
68	110	0.70	96	3	NQI		006	+11.22	LTE	UTE		111	INLET	510UL
68	117	1.44	88	P 1	NQI		014	+0.91	LTE	UTE		110	INLET	510UL
68	127	0.59	78	P 1	NQI		008	+0.77	LTE	UTE		110	INLET	510UL
		0.80	114	P 1	NQI		008	-0.61	LTE	UTE		110	INLET	510UL
68	129	0.67	90	P 1	NQI		007	+0.68	LTE	UTE		110	INLET	510UL
68	130	0.51	80	3	NQI		012	+1.35	LTE	UTE		110	INLET	510UL
		0.73	94	P 1	NQI		011	-0.29	LTE	UTE		110	INLET	510UL
68	131	0.90	110	3	NQI		014	+32.47	LTE	UTE		110	INLET	510UL
		0.52	70	P 1	NQI		009	-0.61	LTE	UTE		110	INLET	510UL
69	6	0.63	114	3	NQI		010	+33.97	014	LTE		132	OUTLET	510UL
69	8	0.33	100	P 1	NQI		011	+1.08	014	LTE		132	OUTLET	510UL
69	12	0.50	86	P 1	NQI		010	+0.61	UTE	LTE		13	OUTLET	510UL
69	14	0.41	117	3	TWD	1	UTS	-0.47	UTE	LTE		18	OUTLET	510UL
69	15	1.26	108	3	TWD	16	015	+1.54	UTE	LTE		17	OUTLET	510UL
		0.54	67	P 1	NQI		008	-0.74	UTE	LTE		17	OUTLET	510UL
69	17	0.54	108	3	NQI		010	+10.20	UTE	LTE		17	OUTLET	510UL
69	23	0.32	106	3	TWD	20	001	+16.66	UTE	LTE		17	OUTLET	510UL
		0.46	96	P 1	NQI		011	+0.42	UTE	LTE		17	OUTLET	510UL
69	37	0.29	91	P 1	NQI		008	+0.51	UTE	LTE		17	OUTLET	510UL
69	41	0.54	31	P 1	NQI		008	+0.67	UTE	LTE		17	OUTLET	510UL
69	43	0.57	44	P 1	NQI		006	+0.67	UTE	LTE		17	OUTLET	510UL
69	44	0.53	75	P 1	NQI		006	+0.62	UTE	LTE		17	OUTLET	510UL
		0.64	68	P 1	NQI		009	-0.80	UTE	LTE		17	OUTLET	510UL
69	46	0.43	71	P 1	NQI		006	+0.62	UTE	LTE		18	OUTLET	510UL
69	55	0.24	89	3	NQI		002	+12.84	UTE	LTE		17	OUTLET	510UL
69	57	0.41	88	P 1	NQI		UTS	+17.28	UTE	LTE		17	OUTLET	510UL
69	62	0.41	53	P 1	NQI		006	+0.75	LTE	UTE		2	INLET	510UL
69	72	15.38	178	P 1	DNT		LTS	+0.04	LTE	UTE		2	INLET	510UL
		0.32	82	P 1	NQI		010	+0.52	LTE	UTE		2	INLET	510UL
69	73	29.22	176	P 1	DNT		LTS	-0.37	LTE	UTE		2	INLET	510UL
69	74	16.33	172	P 1	DNT		LTS	+0.07	LTE	UTE		2	INLET	510UL
		9.21	183	3	DNT		009	+21.97	LTE	UTE		2	INLET	510UL
69	75	8.00	167	P 1	DNT		LTS	+0.09	LTE	UTE		2	INLET	510UL
69	78	0.45	76	3	NQI		013	+6.66	UTE	LTE		120	OUTLET	510UL
		0.41	96	3	NQI		014	+24.24	UTE	LTE		120	OUTLET	510UL
		0.36	92	3	NQI		010	+14.74	UTE	LTE		120	OUTLET	510UL
69	90	23.88	184	P 1	DNT		LTS	+0.17	UTE	LTE		120	OUTLET	510UL
69	91	53.11	180	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
69	92	44.95	181	P 1	DNT		LTS	+0.13	UTE	LTE		120	OUTLET	510UL
69	93	33.51	180	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
69	94	24.17	180	P 1	DNT		LTS	+0.15	UTE	LTE		120	OUTLET	510UL
69	95	24.73	177	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
69	96	61.51	182	P 1	DNT		LTS	+0.09	UTE	LTE		120	OUTLET	510UL
69	97	29.92	177	P 1	DNT		LTS	+0.04	UTE	LTE		122	OUTLET	510UL
69	118	0.23	108	3	NQI		015	+2.87	LTE	UTE		103	INLET	510UL
70	3	0.43	92	P 1	NQI		011	+0.38	014	LTE		133	OUTLET	510UL
		1.25	95	P 1	NQI		011	-0.26	014	LTE		133	OUTLET	510UL
		0.47	75	3	NQI		011	+11.21	014	LTE		133	OUTLET	510UL
70	7	0.53	108	3	TWD	16	011	+4.09	014	LTE		132	OUTLET	510UL
		0.65	87	P 1	NQI		010	+0.38	014	LTE		132	OUTLET	510UL
70	8	0.30	114	P 1	NQI		013	-0.81	014	LTE		133	OUTLET	510UL
		0.41	115	P 1	NQI		011	+0.70	014	LTE		133	OUTLET	510UL
70	9	0.65	87	P 1	NQI		010	+0.51	014	LTE		132	OUTLET	510UL
70	10	0.52	68	3	NQI		011	+7.14	UTE	LTE		13	OUTLET	510UL
		0.35	48	P 1	NQI		009	+0.61	UTE	LTE		13	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
70	11	0.74	112	3	NQI		011	+34.15	UTE	LTE			14	OUTLET 510UL
		0.82	130	3	NQI		012	-1.13	UTE	LTE			14	OUTLET 510UL
70	12	1.14	104	P 1	NQI		013	-0.74	UTE	LTE			13	OUTLET 510UL
70	13	0.47	87	P 1	NQI		011	+0.49	UTE	LTE			14	OUTLET 510UL
		1.05	131	3	NQI		012	-1.14	UTE	LTE			14	OUTLET 510UL
70	16	0.32	112	P 1	NQI		011	+0.36	UTE	LTE			14	OUTLET 510UL
70	18	0.46	107	P 1	NQI		015	-0.87	UTE	LTE			14	OUTLET 510UL
70	22	0.88	95	P 1	NQI		011	+0.42	UTE	LTE			14	OUTLET 510UL
70	24	0.32	97	P 1	NQI		012	-0.11	UTE	LTE			14	OUTLET 510UL
		0.50	82	P 1	NQI		003	-0.64	UTE	LTE			14	OUTLET 510UL
70	29	6.58	182	P 1	DNT		UTS	+0.00	UTE	LTE			13	OUTLET 510UL
70	30	0.43	99	P 1	NQI		011	+0.49	UTE	LTE			14	OUTLET 510UL
70	32	0.44	103	3	NQI		010	+4.17	UTE	LTE			14	OUTLET 510UL
70	33	6.11	181	P 1	DNT		UTS	+0.04	UTE	LTE			13	OUTLET 510UL
70	35	8.02	182	P 1	DNT		UTS	+0.00	UTE	LTE			13	OUTLET 510UL
		0.44	91	P 1	NQI		006	-0.87	UTE	LTE			13	OUTLET 510UL
70	36	7.44	177	P 1	DNT		UTS	+0.00	UTE	LTE			14	OUTLET 510UL
70	40	0.67	55	P 1	NQI		009	-0.67	UTE	LTE			14	OUTLET 510UL
70	43	0.54	91	P 1	NQI		008	+0.69	UTE	LTE			13	OUTLET 510UL
		0.61	104	P 1	NQI		009	-0.74	UTE	LTE			13	OUTLET 510UL
70	45	0.64	89	P 1	NQI		009	-0.78	UTE	LTE			13	OUTLET 510UL
70	46	0.37	97	P 1	NQI		009	+0.67	UTE	LTE			14	OUTLET 510UL
		0.46	84	P 1	NQI		009	-0.71	UTE	LTE			14	OUTLET 510UL
		0.58	79	P 1	NQI		008	-0.67	UTE	LTE			14	OUTLET 510UL
70	53	0.47	78	P 1	NQI		005	+0.50	UTE	LTE			13	OUTLET 510UL
70	66	0.90	58	P 1	NQI		005	+0.66	LTE	UTE			2	INLET 510UL
70	67	0.50	111	P 1	NQI		005	+0.72	LTE	UTE			2	INLET 510UL
70	72	9.62	178	P 1	DNT		LTS	+0.00	LTE	UTE			2	INLET 510UL
70	73	12.92	175	P 1	DNT		LTS	+0.09	LTE	UTE			2	INLET 510UL
70	75	7.17	170	P 1	DNT		LTS	+0.07	LTE	UTE			2	INLET 510UL
70	89	6.36	182	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
70	90	28.15	180	P 1	DNT		LTS	+0.16	UTE	LTE			122	OUTLET 510UL
		0.36	80	3	NQI		LTS	+24.83	UTE	LTE			122	OUTLET 510UL
70	91	51.46	184	P 1	DNT		LTS	+0.18	UTE	LTE			120	OUTLET 510UL
70	92	57.39	178	P 1	DNT		LTS	+0.09	UTE	LTE			122	OUTLET 510UL
70	93	0.40	76	P 1	NQI		015	-0.87	UTE	LTE			120	OUTLET 510UL
		34.86	182	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
70	94	27.17	173	P 1	DNT		LTS	+0.09	UTE	LTE			122	OUTLET 510UL
70	95	26.51	180	P 1	DNT		LTS	+0.18	UTE	LTE			120	OUTLET 510UL
		11.20	181	3	DNT		LTE	+9.83	UTE	LTE			120	OUTLET 510UL
		7.89	182	3	DNT		LTE	+4.56	UTE	LTE			120	OUTLET 510UL
		16.79	182	3	DNT		LTE	+3.88	UTE	LTE			120	OUTLET 510UL
		23.81	181	3	DNT		LTE	+3.11	UTE	LTE			120	OUTLET 510UL
		22.38	178	3	DNT		LTE	+2.74	UTE	LTE			120	OUTLET 510UL
		11.73	178	3	DNT		LTE	+2.47	UTE	LTE			120	OUTLET 510UL
		12.32	183	3	DNT		LTE	+1.84	UTE	LTE			120	OUTLET 510UL
70	96	41.05	177	P 1	DNT		LTS	+0.02	UTE	LTE			122	OUTLET 510UL
70	97	15.92	182	P 1	DNT		LTS	+0.00	UTE	LTE			120	OUTLET 510UL
70	100	0.28	107	3	TWD	12	010	+12.16	LTE	UTE			104	INLET 510UL
		0.27	99	3	TWD	28	010	+21.77	LTE	UTE			104	INLET 510UL
70	103	0.25	88	3	NQI		010	+2.97	LTE	UTE			103	INLET 510UL
70	119	0.37	80	3	NQI		008	+30.55	LTE	UTE			104	INLET 510UL
70	124	0.82	92	3	NQI		002	+9.88	LTE	UTE			103	INLET 510UL
		0.66	95	3	NQI		002	+34.39	LTE	UTE			103	INLET 510UL
70	128	0.78	96	P 1	NQI		008	-0.50	LTE	UTE			103	INLET 510UL
71	3	0.43	88	P 1	NQI		013	-0.55	014	LTE			133	OUTLET 510UL
		0.33	87	P 1	NQI		010	-0.34	014	LTE			133	OUTLET 510UL
71	9	0.71	92	P 1	NQI		011	+0.73	014	LTE			133	OUTLET 510UL
		0.38	79	P 1	NQI		011	+0.40	014	LTE			133	OUTLET 510UL
		0.53	103	3	NQI		011	+35.66	014	LTE			133	OUTLET 510UL
71	12	0.86	112	P 1	NQI		014	-0.67	UTE	LTE			13	OUTLET 510UL
		0.36	92	P 1	NQI		010	+0.25	UTE	LTE			13	OUTLET 510UL
71	13	0.94	112	P 1	NQI		014	-0.80	UTE	LTE			14	OUTLET 510UL
		0.60	89	P 1	NQI		010	+0.42	UTE	LTE			14	OUTLET 510UL
71	14	0.86	103	P 1	NQI		015	-0.77	UTE	LTE			13	OUTLET 510UL
		0.49	105	3	NQI		015	+28.39	UTE	LTE			13	OUTLET 510UL
71	15	0.48	98	P 1	NQI		014	-0.76	UTE	LTE			14	OUTLET 510UL
71	17	0.63	107	P 1	NQI		015	-0.76	UTE	LTE			14	OUTLET 510UL
		0.30	83	P 1	NQI		008	+0.62	UTE	LTE			14	OUTLET 510UL
71	18	0.36	83	P 1	NQI		008	+0.67	UTE	LTE			13	OUTLET 510UL
71	19	0.97	92	P 1	NQI		012	-1.00	UTE	LTE			14	OUTLET 510UL
71	21	1.03	112	3	NQI		012	+2.32	UTE	LTE			14	OUTLET 510UL
		0.57	122	P 1	NQI		010	+0.40	UTE	LTE			14	OUTLET 510UL
71	23	0.76	103	P 1	NQI		011	+0.53	UTE	LTE			14	OUTLET 510UL
71	28	0.75	123	P 1	NQI		012	+0.54	UTE	LTE			13	OUTLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.42	77	P 1	NQI		013	+0.65	UTE	LTE			13	OUTLET 510UL
71	29	0.13	77	P 1	NQI		013	+0.27	UTE	LTE			14	OUTLET 510UL
71	30	0.51	108	P 1	NQI		012	+0.47	UTE	LTE			13	OUTLET 510UL
		7.18	183	P 1	DNT		UTS	+0.00	UTE	LTE			13	OUTLET 510UL
71	33	0.76	72	P 1	NQI		012	+0.49	UTE	LTE			14	OUTLET 510UL
71	36	0.61	109	P 1	NQI		011	+0.53	UTE	LTE			14	OUTLET 510UL
71	40	0.42	100	P 1	NQI		009	+0.43	UTE	LTE			14	OUTLET 510UL
71	45	0.52	84	P 1	NQI		008	+0.60	UTE	LTE			14	OUTLET 510UL
71	46	0.44	71	P 1	NQI		006	+0.63	UTE	LTE			13	OUTLET 510UL
		0.92	121	P 1	NQI		007	-0.67	UTE	LTE			13	OUTLET 510UL
		1.21	127	P 1	NQI		008	-0.71	UTE	LTE			13	OUTLET 510UL
71	48	0.56	84	P 1	NQI		009	-0.76	UTE	LTE			13	OUTLET 510UL
71	54	0.62	68	P 1	NQI		005	+0.58	UTE	LTE			13	OUTLET 510UL
71	60	0.95	75	3	NQI		001	+33.93	LTE	UTE			2	INLET 510UL
		0.34	99	3	NQI		001	+17.24	LTE	UTE			2	INLET 510UL
71	71	6.05	180	P 1	DNT		LTS	+0.04	LTE	UTE			2	INLET 510UL
		0.47	106	3	TWD	22	010	+24.12	LTE	UTE			2	INLET 510UL
71	72	9.78	176	P 1	DNT		LTS	+0.02	LTE	UTE			2	INLET 510UL
71	73	13.54	175	P 1	DNT		LTS	+0.07	LTE	UTE			2	INLET 510UL
71	74	8.41	171	P 1	DNT		LTS	+0.09	LTE	UTE			2	INLET 510UL
71	75	7.85	173	P 1	DNT		LTS	+0.18	LTE	UTE			2	INLET 510UL
71	89	11.30	180	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
71	90	36.30	179	P 1	DNT		LTS	+0.18	UTE	LTE			122	OUTLET 510UL
71	91	47.57	182	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
71	92	53.61	179	P 1	DNT		LTS	+0.00	UTE	LTE			122	OUTLET 510UL
71	93	40.11	181	P 1	DNT		LTS	+0.09	UTE	LTE			120	OUTLET 510UL
71	94	19.62	174	P 1	DNT		LTS	+0.13	UTE	LTE			122	OUTLET 510UL
71	95	6.33	180	3	DNT		015	+31.76	UTE	LTE			120	OUTLET 510UL
		42.01	180	P 1	DNT		LTS	+0.13	UTE	LTE			120	OUTLET 510UL
71	96	0.41	113	3	NQI		013	+14.58	UTE	LTE			122	OUTLET 510UL
		29.90	178	P 1	DNT		LTS	-0.02	UTE	LTE			122	OUTLET 510UL
71	101	0.65	83	3	NQI		010	+31.74	LTE	UTE			104	INLET 510UL
71	106	26.52	180	3	DNT		004	+32.95	LTE	UTE			103	INLET 510UL
		25.20	177	3	DNT		004	+37.28	LTE	UTE			103	INLET 510UL
71	119	0.35	101	3	TWD	24	001	+8.83	LTE	UTE			104	INLET 510UL
71	128	0.51	107	P 1	NQI		008	-0.53	LTE	UTE			104	INLET 510UL
		0.27	71	3	NQI		013	+26.72	LTE	UTE			104	INLET 510UL
71	130	9.66	13	P 1	BLG		UTS	-0.07	LTE	UTE			104	INLET 510UL
71	131	0.46	86	3	NQI		014	+33.16	LTE	UTE			110	INLET 510UL
		1.61	59	6	ADI		015	+31.27	LTE	UTE			110	INLET 510UL
		13.33	17	P 1	NQI		UTS	+0.00	LTE	UTE			110	INLET 510UL
72	9	1.18	88	6	ADI		LTS	+23.85	014	LTE			132	OUTLET 510UL
72	13	0.42	56	P 1	NQI		014	+0.37	014	LTE			132	OUTLET 510UL
72	23	1.04	106	3	NQI		015	+22.64	UTE	LTE			14	OUTLET 510UL
72	24	0.74	121	P 1	NQI		015	+0.56	UTE	LTE			13	OUTLET 510UL
72	25	0.97	102	P 1	NQI		013	+0.47	UTE	LTE			14	OUTLET 510UL
72	27	0.61	130	3	NQI		015	+21.44	UTE	LTE			14	OUTLET 510UL
72	28	0.79	97	3	NQI		012	+8.50	UTE	LTE			13	OUTLET 510UL
72	31	0.62	107	P 1	NQI		012	+0.11	UTE	LTE			14	OUTLET 510UL
72	32	6.03	178	P 1	DNT		UTS	+0.04	UTE	LTE			13	OUTLET 510UL
		0.64	83	P 1	NQI		010	+0.36	UTE	LTE			13	OUTLET 510UL
72	34	0.43	97	P 1	NQI		015	-0.45	UTE	LTE			13	OUTLET 510UL
72	35	6.92	177	P 1	DNT		UTS	-0.07	UTE	LTE			14	OUTLET 510UL
		0.33	102	P 1	NQI		015	-0.56	UTE	LTE			14	OUTLET 510UL
72	39	0.65	115	P 1	NQI		012	+0.51	UTE	LTE			14	OUTLET 510UL
72	44	6.20	180	P 1	DNT		UTS	+0.00	UTE	LTE			13	OUTLET 510UL
72	53	0.50	114	P 1	NQI		007	-0.71	UTE	LTE			13	OUTLET 510UL
		0.30	58	P 1	NQI		005	-0.94	UTE	LTE			13	OUTLET 510UL
72	58	0.26	108	3	NQI		012	+14.74	UTE	LTE			14	OUTLET 510UL
72	64	0.33	98	P 1	NQI		003	-0.38	LTE	UTE			2	INLET 510UL
72	67	6.30	183	P 1	DNT		UTS	+0.07	LTE	UTE			2	INLET 510UL
72	69	9.49	185	3	DNT		002	+23.21	LTE	UTE			2	INLET 510UL
72	70	0.48	108	P 1	NQI		005	+0.61	LTE	UTE			2	INLET 510UL
72	72	14.07	179	P 1	DNT		LTS	+0.02	LTE	UTE			2	INLET 510UL
		0.28	69	3	NQI		009	+9.81	LTE	UTE			2	INLET 510UL
		0.34	55	3	NQI		009	+6.18	LTE	UTE			2	INLET 510UL
		0.44	73	3	NQI		009	+12.06	LTE	UTE			2	INLET 510UL
		0.20	92	3	NQI		009	+24.30	LTE	UTE			2	INLET 510UL
		0.24	84	3	NQI		009	+3.23	LTE	UTE			2	INLET 510UL
		0.38	99	3	NQI		009	+1.29	LTE	UTE			2	INLET 510UL
		0.45	60	3	NQI		008	+29.90	LTE	UTE			2	INLET 510UL
		0.52	85	3	NQI		008	+16.07	LTE	UTE			2	INLET 510UL
		0.67	68	3	NQI		008	+18.06	LTE	UTE			2	INLET 510UL
		0.51	41	3	NQI		008	+32.07	LTE	UTE			2	INLET 510UL
		0.69	77	3	NQI		008	+35.64	LTE	UTE			2	INLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
===	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.38	86	3	NQI		007	+37.77	LTE UTE			2	INLET	510UL
		0.44	89	3	NQI		007	+28.36	LTE UTE			2	INLET	510UL
72	73	11.19	173	P 1	DNT		LTS	+0.07	LTE UTE			2	INLET	510UL
72	74	8.78	159	P 1	DNT		LTS	+0.18	LTE UTE			2	INLET	510UL
72	75	7.34	172	P 1	DNT		LTS	+0.25	LTE UTE			2	INLET	510UL
72	79	0.62	89	3	NQI		014	+29.64	UTE LTE			122	OUTLET	510UL
72	87	10.78	178	3	DNT		LTS	+0.76	UTE LTE			122	OUTLET	510UL
72	88	6.91	179	3	DNT		LTS	+0.77	UTE LTE			120	OUTLET	510UL
72	89	14.01	179	P 1	DNT		LTS	+0.20	UTE LTE			122	OUTLET	510UL
72	90	49.48	184	P 1	DNT		LTS	+0.22	UTE LTE			120	OUTLET	510UL
72	91	53.20	181	P 1	DNT		LTS	+0.00	UTE LTE			122	OUTLET	510UL
72	92	66.92	182	P 1	DNT		LTS	+0.11	UTE LTE			120	OUTLET	510UL
72	93	36.61	178	P 1	DNT		LTS	+0.00	UTE LTE			122	OUTLET	510UL
72	94	24.82	180	P 1	DNT		LTS	+0.04	UTE LTE			120	OUTLET	510UL
72	95	60.26	179	P 1	DNT		LTS	+0.00	UTE LTE			122	OUTLET	510UL
72	96	25.61	181	P 1	DNT		LTS	+0.07	UTE LTE			120	OUTLET	510UL
72	97	8.30	178	P 1	DNT		LTS	+0.00	LTE UTE			104	INLET	510UL
72	123	0.74	97	P 1	NQI		014	+0.87	LTE UTE			103	INLET	510UL
72	127	0.53	91	P 1	NQI		007	-0.53	LTE UTE			103	INLET	510UL
		0.79	123	P 1	NQI		008	-0.66	LTE UTE			103	INLET	510UL
72	128	1.52	104	P 1	NQI		008	-0.61	LTE UTE			104	INLET	510UL
73	2	0.59	111	P 1	NQI		004	+0.78	014 LTE			132	OUTLET	510UL
73	4	0.96	90	P 1	NQI		013	-0.44	014 LTE			132	OUTLET	510UL
73	5	1.57	94	P 1	NQI		014	-0.85	014 LTE			133	OUTLET	510UL
73	16	0.29	84	P 1	NQI		009	+0.31	014 LTE			133	OUTLET	510UL
73	46	0.63	105	P 1	NQI		010	+0.53	UTE LTE			14	OUTLET	510UL
73	48	0.57	81	P 1	NQI		009	+0.49	UTE LTE			14	OUTLET	510UL
73	50	0.51	107	P 1	NQI		009	+0.54	UTE LTE			14	OUTLET	510UL
73	65	1.05	110	4	TWD	11	014	+5.59	LTE UTE			2	INLET	510UL
73	66	10.21	13	P 1	NQI		LTE	+4.19	LTE UTE			2	INLET	510UL
		0.37	81	3	NQI		LTS	+30.89	LTE UTE			2	INLET	510UL
73	70	0.27	74	P 1	NQI		009	+0.70	LTE UTE			2	INLET	510UL
73	73	11.54	172	P 1	DNT		LTS	-0.37	LTE UTE			2	INLET	510UL
73	74	8.44	170	P 1	DNT		LTS	+0.09	LTE UTE			2	INLET	510UL
73	75	6.69	173	P 1	DNT		LTS	+0.13	LTE UTE			2	INLET	510UL
73	79	0.44	107	3	NQI		006	+23.16	UTE LTE			122	OUTLET	510UL
73	88	22.53	183	P 1	DNT		LTS	+0.33	UTE LTE			120	OUTLET	510UL
73	89	7.75	178	3	DNT		LTS	+1.08	UTE LTE			122	OUTLET	510UL
		42.35	181	P 1	DNT		LTS	+0.04	UTE LTE			122	OUTLET	510UL
73	90	60.41	182	P 1	DNT		LTS	+0.20	UTE LTE			120	OUTLET	510UL
73	91	55.53	181	P 1	DNT		LTS	+0.11	UTE LTE			122	OUTLET	510UL
73	92	64.21	181	P 1	DNT		LTS	+0.11	UTE LTE			120	OUTLET	510UL
73	93	22.44	176	P 1	DNT		LTS	+0.00	UTE LTE			122	OUTLET	510UL
73	94	44.28	182	P 1	DNT		LTS	+0.15	UTE LTE			120	OUTLET	510UL
		16.34	181	3	DNT		LTE	+5.79	UTE LTE			120	OUTLET	510UL
73	95	27.66	177	P 1	DNT		LTS	+0.00	UTE LTE			122	OUTLET	510UL
73	96	14.60	178	P 1	DNT		LTS	+0.13	LTE UTE			104	INLET	510UL
73	98	1.06	71	3	NQI		LTS	+38.99	LTE UTE			104	INLET	510UL
73	102	0.40	82	3	NQI		013	+20.41	LTE UTE			104	INLET	510UL
73	120	0.29	74	3	NQI		014	+21.72	LTE UTE			103	INLET	510UL
73	126	15.51	182	3	DNT		UTS	+16.75	LTE UTE			103	INLET	510UL
73	128	0.85	116	P 1	NQI		008	-0.58	LTE UTE			103	INLET	510UL
73	129	0.46	88	P 1	NQI		003	-0.69	LTE UTE			104	INLET	510UL
74	3	19.98	181	3	DNT		LTE	+11.02	014 LTE			132	OUTLET	510UL
74	11	0.34	103	3	NQI		007	+24.81	014 LTE			132	OUTLET	510UL
74	19	0.27	116	P 1	NQI		009	-0.29	014 LTE			132	OUTLET	510UL
74	44	1.00	34	P 1	NQI		UTS	+0.15	UTE LTE			14	OUTLET	510UL
74	48	6.42	181	P 1	DNT		UTS	+0.00	UTE LTE			13	OUTLET	510UL
		0.78	97	3	NQI		001	+17.36	UTE LTE			13	OUTLET	510UL
74	54	2.98	116	3	NQI		LTS	+21.35	UTE LTE	TO+37.92		13	OUTLET	510UL
74	59	8.21	185	P 1	DNT		LTE	+3.13	LTE UTE			2	INLET	510UL
		14.62	183	P 1	DNT		LTE	+5.63	LTE UTE			2	INLET	510UL
		6.77	184	P 1	DNT		UTS	+0.05	LTE UTE			2	INLET	510UL
74	66	0.32	85	3	NQI		UTS	-0.50	LTE UTE			2	INLET	510UL
		0.41	82	3	NQI		015	+26.13	LTE UTE			2	INLET	510UL
74	68	19.66	176	P 1	DNT		LTS	+0.02	LTE UTE			2	INLET	510UL
74	69	12.25	173	P 1	DNT		LTS	+0.09	LTE UTE			2	INLET	510UL
74	70	7.81	172	P 1	DNT		LTS	+0.11	LTE UTE			2	INLET	510UL
		0.29	99	3	NQI		008	+17.65	LTE UTE			2	INLET	510UL
74	83	7.18	175	P 1	DNT		LTS	+0.22	UTE LTE			122	OUTLET	510UL
74	84	15.46	183	P 1	DNT		LTS	+0.31	UTE LTE			120	OUTLET	510UL
74	85	33.62	182	P 1	DNT		LTS	+0.31	UTE LTE			122	OUTLET	510UL
74	86	55.49	182	P 1	DNT		LTS	+0.18	UTE LTE			120	OUTLET	510UL
74	87	69.12	179	P 1	DNT		LTS	+0.11	UTE LTE			122	OUTLET	510UL
74	88	48.80	181	P 1	DNT		LTS	+0.02	UTE LTE			120	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
74	89	30.11	175	P 1	DNT		LTS	+0.16	UTE	LTE		122	OUTLET	510UL
74	90	39.18	181	P 1	DNT		LTS	+0.11	UTE	LTE		120	OUTLET	510UL
74	91	23.07	177	P 1	DNT		LTS	+0.13	LTE	UTE		104	INLET	510UL
74	92	8.80	182	P 1	DNT		LTS	+0.00	LTE	UTE		103	INLET	510UL
74	112	0.36	52	3	NQI		011	+29.67	LTE	UTE		104	INLET	510UL
74	117	17.75	180	3	DNT		LTE	+10.88	LTE	UTE		103	INLET	510UL
74	121	0.33	119	3	NQI		001	+25.78	LTE	UTE		104	INLET	510UL
74	125	6.34	174	3	DNT		LTE	+10.92	LTE	UTE		104	INLET	510UL
		0.48	102	P 1	NQI		010	+0.24	LTE	UTE		104	INLET	510UL
75	4	22.20	180	3	DNT		LTE	+11.05	014	LTE		150	OUTLET	510UL
75	7	0.30	97	3	NQI		008	+19.03	014	LTE		11	OUTLET	510UL
75	46	21.96	180	3	DNT		LTS	+8.47	UTE	LTE		11	OUTLET	510UL
		9.67	175	3	DNT		LTS	+3.61	UTE	LTE		11	OUTLET	510UL
		21.50	184	P 1	DNT		LTS	-0.11	UTE	LTE		11	OUTLET	510UL
75	51	0.49	107	3	NQI		012	-1.06	UTE	LTE		13	OUTLET	510UL
75	53	16.79	8	P 1	BLG		LTE	+5.47	UTE	LTE		13	OUTLET	510UL
75	61	6.08	185	P 1	DNT		UTS	+0.09	LTE	UTE		2	INLET	510UL
75	63	7.74	182	P 1	DNT		UTS	+0.07	LTE	UTE		2	INLET	510UL
75	64	6.09	185	P 1	DNT		UTS	+0.09	LTE	UTE		2	INLET	510UL
75	68	11.33	177	P 1	DNT		LTS	+0.05	LTE	UTE		2	INLET	510UL
75	69	19.60	177	P 1	DNT		LTS	+0.05	LTE	UTE		2	INLET	510UL
75	70	9.61	176	P 1	DNT		LTS	+0.05	LTE	UTE		2	INLET	510UL
75	71	9.27	174	P 1	DNT		LTS	+0.02	LTE	UTE		2	INLET	510UL
75	84	7.52	181	P 1	DNT		LTS	+0.00	UTE	LTE		126	OUTLET	510UL
75	85	24.66	182	P 1	DNT		LTS	+0.29	UTE	LTE		125	OUTLET	510UL
75	86	39.00	182	P 1	DNT		LTS	+0.31	UTE	LTE		126	OUTLET	510UL
75	88	61.65	179	P 1	DNT		LTS	+0.02	UTE	LTE		125	OUTLET	510UL
75	89	34.83	181	P 1	DNT		LTS	+0.04	UTE	LTE		126	OUTLET	510UL
75	90	34.78	178	P 1	DNT		LTS	+0.04	UTE	LTE		125	OUTLET	510UL
75	91	30.78	180	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
75	92	19.75	177	P 1	DNT		LTS	+0.11	LTE	UTE		104	INLET	510UL
75	101	0.38	107	3	TWD	19	012	+3.13	LTE	UTE		103	INLET	510UL
75	112	0.27	88	3	NQI		010	+2.21	LTE	UTE		103	INLET	510UL
75	117	15.59	180	3	DNT		LTE	+10.68	LTE	UTE		103	INLET	510UL
75	119	16.41	180	3	DNT		LTE	+10.71	LTE	UTE		103	INLET	510UL
		0.91	94	P 1	TWD	24	014	+1.00	LTE	UTE		103	INLET	510UL
75	123	0.91	88	P 1	NQI		009	-0.76	LTE	UTE		103	INLET	510UL
75	126	0.57	106	P 1	NQI		013	+0.96	LTE	UTE		104	INLET	510UL
		0.86	119	3	NQI		015	+22.37	LTE	UTE		104	INLET	510UL
76	64	17.09	179	P 1	DNT		LTS	+0.54	LTE	UTE		2	INLET	510UL
		6.26	184	P 1	DNT		UTS	+0.07	LTE	UTE		2	INLET	510UL
76	65	7.22	182	P 1	DNT		UTS	+0.04	LTE	UTE		2	INLET	510UL
76	67	6.37	179	P 1	DNT		LTS	-0.02	LTE	UTE		2	INLET	510UL
76	68	25.63	178	P 1	DNT		LTS	+0.04	LTE	UTE		2	INLET	510UL
76	70	21.11	176	P 1	DNT		LTS	-0.07	LTE	UTE		2	INLET	510UL
76	71	11.35	173	P 1	DNT		LTS	+0.09	LTE	UTE		2	INLET	510UL
76	72	8.18	169	P 1	DNT		LTS	+0.16	LTE	UTE		2	INLET	510UL
76	84	10.29	177	P 1	DNT		LTS	+0.51	UTE	LTE		125	OUTLET	510UL
76	85	37.50	183	P 1	DNT		LTS	+0.24	UTE	LTE		126	OUTLET	510UL
76	86	44.75	180	P 1	DNT		LTS	+0.20	UTE	LTE		125	OUTLET	510UL
76	87	69.66	182	P 1	DNT		LTS	+0.22	UTE	LTE		126	OUTLET	510UL
		0.45	50	3	NQI		LTS	+39.76	UTE	LTE		126	OUTLET	510UL
76	88	0.33	99	3	NQI		002	+4.69	LTE	UTE		103	INLET	510UL
		67.48	182	P 1	DNT		LTS	+0.25	LTE	UTE		103	INLET	510UL
76	89	29.91	177	P 1	DNT		LTS	+0.07	LTE	UTE		103	INLET	510UL
76	90	48.74	179	P 1	DNT		LTS	+0.11	LTE	UTE		104	INLET	510UL
76	92	13.78	176	P 1	DNT		LTS	-0.02	LTE	UTE		103	INLET	510UL
76	116	14.04	178	3	DNT		LTE	+10.68	LTE	UTE		104	INLET	510UL
		7.80	182	3	DNT		UTS	+12.64	LTE	UTE		104	INLET	510UL
76	117	18.24	179	3	DNT		LTE	+10.85	LTE	UTE		103	INLET	510UL
		7.30	182	3	DNT		UTS	+12.84	LTE	UTE		103	INLET	510UL
76	123	0.63	112	P 1	NQI		010	+0.55	LTE	UTE		104	INLET	510UL
77	1	30.22	176	3	DNT		LTS	+0.77	014	LTE		133	OUTLET	510UL
		9.62	186	P 1	DNT		LTS	-0.07	014	LTE		133	OUTLET	510UL
77	2	0.51	91	3	NQI		LTS	+26.21	014	LTE		132	OUTLET	510UL
		24.95	181	3	DNT		LTE	+11.11	014	LTE		132	OUTLET	510UL
77	7	0.65	93	3	NQI		LTS	+26.44	014	LTE		133	OUTLET	510UL
		0.35	103	3	NQI		LTS	+26.06	014	LTE		133	OUTLET	510UL
77	9	10.77	179	3	DNT		LTS	+2.56	014	LTE		132	OUTLET	510UL
		12.40	175	3	DNT		LTS	+2.16	014	LTE		132	OUTLET	510UL
77	46	8.71	183	P 1	DNT		LTS	+0.02	UTE	LTE		150	OUTLET	510UL
77	58	13.24	182	3	DNT		LTE	+2.15	LTE	UTE		3	INLET	510UL
77	60	0.52	64	P 1	NQI		004	-0.72	LTE	UTE		3	INLET	510UL
77	61	6.75	186	P 1	DNT		UTS	+0.07	LTE	UTE		3	INLET	510UL
		0.29	86	P 1	NQI		LTS	-0.32	LTE	UTE		3	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
77	62	6.02	187	P 1	DNT		UTS	+0.02	LTE UTE			3	INLET	510UL
77	68	6.19	179	P 1	DNT		LTS	+0.02	LTE UTE			3	INLET	510UL
77	70	26.38	180	P 1	DNT		LTS	+0.11	LTE UTE			3	INLET	510UL
77	71	34.83	181	P 1	DNT		LTS	+0.11	LTE UTE			3	INLET	510UL
77	72	9.23	176	P 1	DNT		LTS	+0.11	LTE UTE			3	INLET	510UL
		0.50	107	3	NQI		012	+13.76	LTE UTE			3	INLET	510UL
		0.45	89	3	NQI		012	+21.32	LTE UTE			3	INLET	510UL
77	84	6.35	176	P 1	DNT		LTS	-0.09	UTE LTE			43	OUTLET	510UL
77	85	17.62	181	P 1	DNT		LTS	+0.38	UTE LTE			42	OUTLET	510UL
77	86	48.33	180	P 1	DNT		LTS	+0.13	UTE LTE			43	OUTLET	510UL
77	87	57.40	181	P 1	DNT		LTS	+0.13	UTE LTE			42	OUTLET	510UL
77	88	67.81	177	P 1	DNT		LTS	+0.16	UTE LTE			43	OUTLET	510UL
77	89	39.48	180	P 1	DNT		LTS	+0.07	UTE LTE			42	OUTLET	510UL
77	90	36.39	178	P 1	DNT		LTS	+0.13	UTE LTE			43	OUTLET	510UL
77	91	53.70	180	P 1	DNT		LTS	+0.09	UTE LTE			42	OUTLET	510UL
77	92	22.61	174	P 1	DNT		LTS	+0.02	UTE LTE			43	OUTLET	510UL
77	93	7.65	182	P 1	DNT		LTS	-0.07	UTE LTE			42	OUTLET	510UL
77	112	0.41	81	3	NQI		012	+30.98	UTE LTE			43	OUTLET	510UL
77	115	1.08	127	3	NQI		014	+1.18	UTE LTE			42	OUTLET	510UL
77	119	1.17	94	P 1	NQI		014	+0.95	UTE LTE			42	OUTLET	510UL
77	125	0.79	113	P 1	NQI		009	-0.04	UTE LTE			42	OUTLET	510UL
78	2	22.64	178	3	DNT		LTE	+10.38	014 LTE			133	OUTLET	510UL
78	11	0.41	93	3	NQI		005	+32.67	014 LTE			133	OUTLET	510UL
78	12	8.05	189	3	DNT		012	+28.86	014 LTE			132	OUTLET	510UL
78	15	0.42	105	3	NQI		LTS	+23.31	014 LTE			133	OUTLET	510UL
78	34	0.55	89	3	NQI		014	+18.40	014 LTE			132	OUTLET	510UL
78	43	6.77	180	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	46	6.09	181	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	50	6.30	179	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	51	6.40	181	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	52	6.28	180	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	53	6.05	179	P 1	DNT		UTS	+0.00	UTE LTE			150	OUTLET	510UL
78	58	6.23	184	P 1	DNT		UTS	+0.09	LTE UTE			3	INLET	510UL
78	60	6.01	185	P 1	DNT		UTS	+0.07	LTE UTE			3	INLET	510UL
78	61	6.69	185	P 1	DNT		UTS	+0.09	LTE UTE			3	INLET	510UL
78	65	6.47	174	P 1	DNT		LTS	+0.00	LTE UTE			3	INLET	510UL
		10.11	183	3	DNT		LTE	+3.69	LTE UTE			3	INLET	510UL
78	69	12.66	181	P 1	DNT		LTS	+0.00	LTE UTE			3	INLET	510UL
78	71	25.18	182	P 1	DNT		LTS	+0.09	LTE UTE			3	INLET	510UL
78	72	9.99	174	P 1	DNT		LTS	+0.18	LTE UTE			3	INLET	510UL
78	73	7.88	171	P 1	DNT		LTS	+0.05	LTE UTE			3	INLET	510UL
78	85	7.96	172	P 1	DNT		LTS	-0.13	UTE LTE			43	OUTLET	510UL
78	86	25.55	179	P 1	DNT		LTS	+0.31	UTE LTE			42	OUTLET	510UL
78	87	47.77	180	P 1	DNT		LTS	+0.16	UTE LTE			43	OUTLET	510UL
78	88	57.89	181	P 1	DNT		LTS	+0.16	UTE LTE			42	OUTLET	510UL
78	90	36.16	178	P 1	DNT		LTS	+0.11	UTE LTE			42	OUTLET	510UL
78	91	0.39	92	3	NQI		009	+24.92	UTE LTE			43	OUTLET	510UL
		45.89	178	P 1	DNT		LTS	+0.09	UTE LTE			43	OUTLET	510UL
78	92	33.32	179	P 1	DNT		LTS	+0.09	UTE LTE			42	OUTLET	510UL
78	93	13.97	171	P 1	DNT		LTS	-0.04	UTE LTE			43	OUTLET	510UL
78	101	1.41	100	P 1	TWD 13		014	+1.23	UTE LTE			43	OUTLET	510UL
78	102	6.08	175	3	DNT		LTE	+9.63	UTE LTE			42	OUTLET	510UL
78	105	0.30	97	3	NQI		014	+3.94	UTE LTE			43	OUTLET	510UL
78	116	0.74	103	3	NQI		014	+1.31	UTE LTE			42	OUTLET	510UL
78	117	0.38	52	P 1	NQI		UTS	+0.72	UTE LTE			43	OUTLET	510UL
78	120	1.13	59	P 1	NQI		014	+0.89	UTE LTE			42	OUTLET	510UL
78	121	0.74	106	P 1	NQI		014	+0.71	UTE LTE			43	OUTLET	510UL
78	125	6.06	173	P 1	DNT		009	-0.45	UTE LTE			43	OUTLET	510UL
		0.34	117	P 1	NQI		008	-0.49	UTE LTE			43	OUTLET	510UL
79	4	7.23	179	3	DNT		LTE	+11.08	014 LTE			132	OUTLET	510UL
		0.47	109	P 1	NQI		010	-0.56	014 LTE			132	OUTLET	510UL
		0.75	134	P 1	NQI		012	-0.75	014 LTE			132	OUTLET	510UL
		0.72	107	P 1	NQI		014	-0.66	014 LTE			132	OUTLET	510UL
		0.42	93	P 1	NQI		014	+0.68	014 LTE			132	OUTLET	510UL
79	6	9.89	178	3	DNT		LTE	+10.97	014 LTE			132	OUTLET	510UL
		0.82	117	P 1	NQI		012	-0.55	014 LTE			132	OUTLET	510UL
		1.53	110	P 1	NQI		013	-0.82	014 LTE			132	OUTLET	510UL
		2.08	105	P 1	NQI		014	-0.70	014 LTE			132	OUTLET	510UL
79	8	6.38	174	3	DNT		LTE	+11.11	014 LTE			133	OUTLET	510UL
79	12	15.09	181	P 1	DNT		014	+0.50	014 LTE			133	OUTLET	510UL
79	16	23.73	182	P 1	DNT		014	+0.00	014 LTE			150	OUTLET	510UL
79	44	0.64	81	3	NQI		015	+22.13	UTE LTE			150	OUTLET	510UL
79	45	0.39	97	3	NQI		015	+17.02	UTE LTE			150	OUTLET	510UL
79	49	0.70	87	P 1	NQI		009	-0.71	UTE LTE			150	OUTLET	510UL
79	62	0.17	69	1	NQI		015	+21.27 TO+44.64	LTE UTE			3	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
79	64	0.58	106	3	NQI		013	+33.26	LTE	UTE			3	INLET 510UL
		0.64	103	3	NQI		014	+33.17	LTE	UTE			3	INLET 510UL
		0.44	90	3	NQI		014	+32.76	LTE	UTE			3	INLET 510UL
79	72	7.42	179	P 1	DNT		LTS	-0.02	LTE	UTE			3	INLET 510UL
79	73	11.62	180	P 1	DNT		LTS	+0.05	LTE	UTE			3	INLET 510UL
79	74	13.39	179	P 1	DNT		LTS	+0.14	LTE	UTE			3	INLET 510UL
79	75	8.87	175	P 1	DNT		LTS	+0.07	LTE	UTE			3	INLET 510UL
79	76	6.86	169	P 1	DNT		LTS	+0.16	LTE	UTE			3	INLET 510UL
79	82	0.42	106	3	TWD	20	009	+36.37	UTE	LTE			42	OUTLET 510UL
79	88	7.75	182	3	DNT		006	+17.50	UTE	LTE			42	OUTLET 510UL
		9.67	176	3	DNT		LTS	+0.96	UTE	LTE			42	OUTLET 510UL
		7.17	187	P 1	DNT		LTS	-0.11	UTE	LTE			42	OUTLET 510UL
79	89	12.07	175	3	DNT		LTS	+0.92	UTE	LTE			43	OUTLET 510UL
		13.72	166	P 1	DNT		LTS	+0.13	UTE	LTE			43	OUTLET 510UL
79	90	36.21	181	P 1	DNT		LTS	+0.04	UTE	LTE			42	OUTLET 510UL
79	91	44.79	179	P 1	DNT		LTS	+0.18	UTE	LTE			43	OUTLET 510UL
79	92	56.33	181	P 1	DNT		LTS	+0.13	UTE	LTE			42	OUTLET 510UL
79	93	18.80	173	P 1	DNT		LTS	+0.07	UTE	LTE			43	OUTLET 510UL
79	94	41.35	181	P 1	DNT		LTS	+0.09	UTE	LTE			42	OUTLET 510UL
79	95	55.18	179	P 1	DNT		LTS	+0.07	UTE	LTE			43	OUTLET 510UL
		0.21	90	3	NQI		010	+11.07	UTE	LTE			43	OUTLET 510UL
79	96	23.66	179	P 1	DNT		LTS	+0.02	UTE	LTE			42	OUTLET 510UL
79	97	6.70	177	P 1	DNT		LTS	+0.02	UTE	LTE			43	OUTLET 510UL
79	104	7.68	184	3	DNT		002	+34.84	UTE	LTE			38	OUTLET 510UL
79	114	0.62	44	3	NQI		LTS	+32.50	UTE	LTE			38	OUTLET 510UL
79	117	0.74	78	3	NQI		006	+27.53	UTE	LTE			37	OUTLET 510UL
79	118	0.42	66	P 1	NQI		015	+0.38	UTE	LTE			38	OUTLET 510UL
79	123	0.32	97	3	NQI		014	+28.08	UTE	LTE			37	OUTLET 510UL
		0.39	96	3	NQI		014	+22.12	UTE	LTE			37	OUTLET 510UL
79	127	0.94	108	P 1	NQI		014	+0.40	UTE	LTE			38	OUTLET 510UL
80	1	0.61	84	3	NQI		013	+17.50	014	LTE			140	OUTLET 510UL
		0.52	103	3	NQI		007	+5.37	014	LTE			140	OUTLET 510UL
80	2	0.49	75	3	NQI		011	+19.87	014	LTE	TO+30.81		139	OUTLET 510UL
80	5	2.82	96	P 1	NQI		012	-0.79	014	LTE			140	OUTLET 510UL
		0.45	78	P 1	NQI		013	+0.33	014	LTE			140	OUTLET 510UL
		0.39	93	P 1	NQI		014	+0.65	014	LTE			140	OUTLET 510UL
80	8	0.45	127	P 1	NQI		004	-0.77	014	LTE			139	OUTLET 510UL
80	9	0.78	103	P 1	NQI		014	-0.80	014	LTE			140	OUTLET 510UL
		0.34	82	P 1	NQI		014	-0.41	014	LTE			140	OUTLET 510UL
		0.49	110	3	NQI		010	+23.29	014	LTE			140	OUTLET 510UL
		0.30	81	3	NQI		001	+3.34	014	LTE			140	OUTLET 510UL
80	10	0.60	108	P 1	NQI		014	-0.61	014	LTE			139	OUTLET 510UL
80	12	0.54	113	P 1	NQI		014	-0.62	014	LTE			139	OUTLET 510UL
		0.51	51	P 1	NQI		014	+0.48	014	LTE			139	OUTLET 510UL
80	13	0.56	89	P 1	NQI		012	+0.40	014	LTE			140	OUTLET 510UL
		1.48	91	P 1	NQI		014	-0.44	014	LTE			140	OUTLET 510UL
80	16	0.38	66	P 1	NQI		014	+0.68	014	LTE			132	OUTLET 510UL
80	18	0.56	97	P 1	NQI		014	+0.48	014	LTE			132	OUTLET 510UL
80	19	1.17	98	3	NQI		015	+20.83	UTE	LTE			145	OUTLET 510UL
80	21	1.83	103	3	NQI		015	+20.00	UTE	LTE			144	OUTLET 510UL
80	22	6.06	86	6	ADI		015	+20.30	UTE	LTE			145	OUTLET 510UL
80	25	2.27	105	3	NQI		015	+18.01	UTE	LTE			144	OUTLET 510UL
80	26	2.48	117	3	NQI		015	+17.30	UTE	LTE			145	OUTLET 510UL
80	27	0.85	110	3	NQI		015	+15.97	UTE	LTE	TO+19.91		144	OUTLET 510UL
80	28	1.82	123	3	NQI		015	+15.85	UTE	LTE	TO+18.75		145	OUTLET 510UL
80	29	0.81	121	3	NQI		015	+16.42	UTE	LTE			144	OUTLET 510UL
		0.54	121	P 1	NQI		015	+0.64	UTE	LTE			144	OUTLET 510UL
80	32	1.97	106	3	NQI		015	+16.00	UTE	LTE			144	OUTLET 510UL
80	33	0.33	105	3	NQI		011	+9.66	UTE	LTE	TO+23.84		145	OUTLET 510UL
80	34	0.70	104	3	NQI		015	+15.32	UTE	LTE			144	OUTLET 510UL
80	36	1.76	112	3	NQI		015	+13.69	UTE	LTE			144	OUTLET 510UL
80	37	0.39	92	P 1	NQI		014	-0.27	UTE	LTE			145	OUTLET 510UL
		0.43	101	P 1	NQI		014	-0.57	UTE	LTE			145	OUTLET 510UL
80	39	1.33	109	3	NQI		015	+14.39	UTE	LTE			145	OUTLET 510UL
80	40	0.62	112	3	NQI		015	+15.32	UTE	LTE			144	OUTLET 510UL
80	41	6.23	181	P 1	DNT		UTS	-0.02	UTE	LTE			145	OUTLET 510UL
80	42	0.68	39	P 1	NQI		014	-0.64	UTE	LTE			144	OUTLET 510UL
80	43	6.03	180	P 1	DNT		UTS	+0.00	UTE	LTE			145	OUTLET 510UL
80	44	1.04	85	3	NQI		010	+10.09	UTE	LTE			144	OUTLET 510UL
80	48	0.43	94	P 1	NQI		009	-0.80	UTE	LTE			145	OUTLET 510UL
80	49	0.45	94	P 1	NQI		009	-0.73	UTE	LTE			144	OUTLET 510UL
80	50	0.37	86	P 1	NQI		009	-0.77	UTE	LTE			145	OUTLET 510UL
80	62	0.42	86	3	NQI		015	+44.53	LTE	UTE			3	INLET 510UL
80	74	9.60	181	P 1	DNT		LTS	+0.07	LTE	UTE			3	INLET 510UL
80	75	11.66	178	P 1	DNT		LTS	+0.11	LTE	UTE			3	INLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
80	83	0.48	87	P 1	NQI		004	-0.83	UTE	LTE			37	OUTLET 510UL
80	85	0.46	81	P 1	NQI		010	+1.06	UTE	LTE			37	OUTLET 510UL
80	89	6.94	176	3	DNT		LTS	+0.86	UTE	LTE			37	OUTLET 510UL
80	90	17.50	178	3	DNT		LTS	+0.88	UTE	LTE			38	OUTLET 510UL
80	91	25.50	181	P 1	DNT		LTS	+0.22	UTE	LTE			37	OUTLET 510UL
80	92	36.59	181	P 1	DNT		LTS	+0.18	UTE	LTE			38	OUTLET 510UL
80	93	63.10	179	P 1	DNT		LTS	+0.00	UTE	LTE			37	OUTLET 510UL
80	94	37.40	180	P 1	DNT		LTS	+0.16	UTE	LTE			38	OUTLET 510UL
80	96	57.19	180	P 1	DNT		LTS	+0.11	UTE	LTE			37	OUTLET 510UL
80	97	43.43	180	P 1	DNT		LTS	+0.00	UTE	LTE			38	OUTLET 510UL
80	98	11.97	174	P 1	DNT		LTS	-0.02	UTE	LTE			37	OUTLET 510UL
		0.29	120	3	NQI		015	+7.29	UTE	LTE			37	OUTLET 510UL
80	130	0.45	109	P 1	NQI		010	+0.49	UTE	LTE			42	OUTLET 510UL
81	4	0.72	112	P 1	NQI		012	-0.64	014	LTE			139	OUTLET 510UL
		2.73	105	P 1	NQI		013	-0.71	014	LTE			139	OUTLET 510UL
81	5	0.49	115	3	NQI		010	+33.82	014	LTE			140	OUTLET 510UL
81	6	0.84	104	P 1	NQI		012	-0.67	014	LTE			139	OUTLET 510UL
		0.83	51	P 1	NQI		013	+0.37	014	LTE			139	OUTLET 510UL
81	7	0.89	95	P 1	NQI		011	+1.08	014	LTE			140	OUTLET 510UL
		0.42	97	P 1	NQI		011	+1.30	014	LTE			140	OUTLET 510UL
81	9	1.33	103	P 1	NQI		013	-0.88	014	LTE			140	OUTLET 510UL
		0.43	126	P 1	NQI		014	-0.83	014	LTE			140	OUTLET 510UL
81	10	1.41	121	P 1	NQI		013	-0.80	014	LTE			139	OUTLET 510UL
		0.28	96	3	NQI		006	+1.11	014	LTE			139	OUTLET 510UL
81	11	1.73	114	P 1	NQI		013	-0.78	014	LTE			139	OUTLET 510UL
81	13	0.72	107	3	NQI		015	+23.62	UTE	LTE			145	OUTLET 510UL
		0.81	116	P 1	NQI		013	-0.77	UTE	LTE			145	OUTLET 510UL
81	14	0.53	98	P 1	NQI		013	-0.80	UTE	LTE			144	OUTLET 510UL
81	16	0.50	93	3	NQI		011	+12.64	UTE	LTE			144	OUTLET 510UL
		0.62	88	P 1	DWI		UTS	+0.09	UTE	LTE			144	OUTLET 510UL
81	27	0.46	78	P 1	NQI		007	-0.82	UTE	LTE			145	OUTLET 510UL
81	29	0.51	102	3	NQI		015	+19.01	UTE	LTE			145	OUTLET 510UL
81	30	0.60	97	P 1	NQI		015	+0.60	UTE	LTE			144	OUTLET 510UL
81	34	6.31	180	P 1	DNT		UTS	+0.00	UTE	LTE			144	OUTLET 510UL
81	35	6.22	187	P 1	DNT		UTS	+0.00	UTE	LTE			145	OUTLET 510UL
81	37	0.57	100	P 1	NQI		014	+0.33	UTE	LTE			145	OUTLET 510UL
		0.39	95	P 1	NQI		014	+0.07	UTE	LTE			145	OUTLET 510UL
81	38	0.42	115	P 1	NQI		010	+0.53	UTE	LTE			144	OUTLET 510UL
81	39	0.41	88	3	NQI		010	+9.12	UTE	LTE			145	OUTLET 510UL
81	40	1.39	99	P 1	NQI		010	+0.47	UTE	LTE			144	OUTLET 510UL
81	42	0.63	85	P 1	NQI		009	-0.71	UTE	LTE			144	OUTLET 510UL
81	45	0.94	106	P 1	NQI		010	+0.51	UTE	LTE			144	OUTLET 510UL
81	46	0.65	97	P 1	NQI		009	+0.40	UTE	LTE			145	OUTLET 510UL
		0.28	56	P 1	NQI		009	-0.75	UTE	LTE			145	OUTLET 510UL
81	47	0.73	100	P 1	NQI		009	-0.75	UTE	LTE			144	OUTLET 510UL
		0.35	55	P 1	NQI		008	+0.51	UTE	LTE			144	OUTLET 510UL
81	48	0.56	100	P 1	NQI		008	+0.60	UTE	LTE			145	OUTLET 510UL
		0.55	89	P 1	NQI		009	-0.73	UTE	LTE			145	OUTLET 510UL
81	54	0.53	108	P 1	NQI		008	-0.58	UTE	LTE			145	OUTLET 510UL
81	55	0.49	110	P 1	NQI		009	-0.75	UTE	LTE			144	OUTLET 510UL
		0.29	73	P 1	NQI		008	+0.53	UTE	LTE			144	OUTLET 510UL
		0.61	87	P 1	NQI		008	-0.64	UTE	LTE			144	OUTLET 510UL
		0.30	97	P 1	NQI		007	-0.73	UTE	LTE			144	OUTLET 510UL
81	56	0.70	63	P 1	NQI		005	+0.60	UTE	LTE			145	OUTLET 510UL
		0.70	90	P 1	NQI		007	+0.44	UTE	LTE			145	OUTLET 510UL
		0.76	90	P 1	NQI		008	-0.71	UTE	LTE			145	OUTLET 510UL
		1.55	91	P 1	NQI		007	-0.71	UTE	LTE			145	OUTLET 510UL
		0.61	103	P 1	NQI		009	-0.73	UTE	LTE			145	OUTLET 510UL
81	57	0.64	58	P 1	NQI		005	+0.58	UTE	LTE			144	OUTLET 510UL
81	59	0.79	84	P 1	NQI		005	+0.68	LTE	UTE			3	INLET 510UL
81	63	0.58	97	3	NQI		015	+19.49	LTE	UTE			3	INLET 510UL
81	73	11.15	182	P 1	DNT		LTS	+0.14	LTE	UTE			3	INLET 510UL
81	74	6.65	178	P 1	DNT		LTS	+0.05	LTE	UTE			3	INLET 510UL
81	88	6.31	181	3	DNT		LTS	+0.81	UTE	LTE			38	OUTLET 510UL
81	89	6.92	174	3	DNT		LTS	+0.92	UTE	LTE			37	OUTLET 510UL
81	90	11.99	180	P 1	DNT		LTS	+0.00	UTE	LTE			38	OUTLET 510UL
81	92	51.86	180	P 1	DNT		LTS	+0.00	UTE	LTE			37	OUTLET 510UL
81	93	52.90	179	P 1	DNT		LTS	+0.11	UTE	LTE			37	OUTLET 510UL
		0.52	106	P 1	NQI		014	+1.09	UTE	LTE			37	OUTLET 510UL
81	94	25.07	180	P 1	DNT		LTS	+0.00	UTE	LTE			38	OUTLET 510UL
81	96	51.94	180	P 1	DNT		LTS	+0.00	UTE	LTE			37	OUTLET 510UL
81	98	7.31	170	P 1	DNT		LTS	-0.02	UTE	LTE			37	OUTLET 510UL
81	103	0.33	87	3	NQI		015	+27.68	UTE	LTE			37	OUTLET 510UL
		0.51	99	3	NQI		015	+27.37	UTE	LTE			37	OUTLET 510UL
81	110	0.30	83	3	NQI		010	+12.13	UTE	LTE			37	OUTLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
81	120	1.86	93	P 1	NQI		014	+0.65	UTE	LTE		37	OUTLET	510UL
81	130	0.40	114	3	NQI		013	+1.02	UTE	LTE		42	OUTLET	510UL
		0.55	53	P 1	NQI		013	+0.69	UTE	LTE		42	OUTLET	510UL
81	131	0.39	83	3	NQI		015	+29.50	UTE	LTE		43	OUTLET	510UL
		0.37	94	3	NQI		015	+13.87	UTE	LTE		43	OUTLET	510UL
82	1	0.61	76	P 1	NQI		011	+0.53	014	LTE		143	OUTLET	510UL
82	4	0.28	91	3	NQI		011	+1.48	014	LTE		139	OUTLET	510UL
82	6	0.25	99	P 1	NQI		010	+0.00	014	LTE		139	OUTLET	510UL
		1.60	123	3	NQI		011	+1.19	014	LTE		139	OUTLET	510UL
82	9	1.31	119	P 1	NQI		011	+0.73	014	LTE		139	OUTLET	510UL
		0.54	81	P 1	NQI		013	+0.61	014	LTE		139	OUTLET	510UL
82	26	6.51	183	P 1	DNT		UTS	+0.00	UTE	LTE		145	OUTLET	510UL
82	32	0.61	107	P 1	NQI		010	+0.58	UTE	LTE		145	OUTLET	510UL
82	33	0.34	76	P 1	NQI		010	+0.40	UTE	LTE		144	OUTLET	510UL
82	34	6.54	186	P 1	DNT		UTS	+0.00	UTE	LTE		145	OUTLET	510UL
82	35	6.66	180	P 1	DNT		UTS	+0.00	UTE	LTE		144	OUTLET	510UL
82	38	1.61	86	6	ADI		014	+18.17	UTE	LTE		145	OUTLET	510UL
82	40	0.50	79	P 1	NQI		010	+0.38	UTE	LTE		145	OUTLET	510UL
82	41	0.55	24	P 1	NQI		010	+0.47	UTE	LTE		144	OUTLET	510UL
		0.30	77	3	NQI		014	+25.42	UTE	LTE		144	OUTLET	510UL
		0.47	80	P 1	NQI		008	+0.66	UTE	LTE		144	OUTLET	510UL
		0.59	102	P 1	NQI		008	-0.71	UTE	LTE		144	OUTLET	510UL
82	42	0.86	104	P 1	NQI		009	-0.73	UTE	LTE		145	OUTLET	510UL
82	43	0.95	82	P 1	NQI		010	+0.51	UTE	LTE		144	OUTLET	510UL
		0.73	53	P 1	NQI		009	-0.80	UTE	LTE		144	OUTLET	510UL
		0.65	112	P 1	NQI		007	-0.80	UTE	LTE		144	OUTLET	510UL
82	44	0.37	97	P 1	NQI		008	+0.53	UTE	LTE		145	OUTLET	510UL
		1.05	102	P 1	NQI		008	-0.71	UTE	LTE		145	OUTLET	510UL
		0.78	108	P 1	NQI		010	+0.56	UTE	LTE		145	OUTLET	510UL
82	45	0.49	100	P 1	NQI		008	+0.64	UTE	LTE		144	OUTLET	510UL
82	46	0.59	113	P 1	NQI		009	-0.77	UTE	LTE		145	OUTLET	510UL
82	72	12.74	179	P 1	DNT		LTS	-0.35	LTE	UTE		3	INLET	510UL
82	73	7.05	173	P 1	DNT		LTS	+0.16	LTE	UTE		3	INLET	510UL
82	83	0.29	101	3	NQI		011	+7.14	UTE	LTE		37	OUTLET	510UL
		0.26	89	3	NQI		LTS	+15.06	UTE	LTE		37	OUTLET	510UL
82	89	8.32	182	P 1	DNT		LTS	-0.07	UTE	LTE		37	OUTLET	510UL
82	90	25.69	180	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
82	91	47.95	180	P 1	DNT		LTS	+0.18	UTE	LTE		37	OUTLET	510UL
82	92	67.42	181	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
		0.28	76	3	NQI		007	+14.94	UTE	LTE		38	OUTLET	510UL
82	93	49.54	180	P 1	DNT		LTS	+0.13	UTE	LTE		37	OUTLET	510UL
82	94	24.86	181	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
82	95	57.80	180	P 1	DNT		LTS	+0.04	UTE	LTE		37	OUTLET	510UL
82	96	21.58	176	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
82	97	8.95	166	P 1	DNT		LTS	-0.02	UTE	LTE		37	OUTLET	510UL
82	109	0.27	125	3	NQI		008	+32.07	UTE	LTE		37	OUTLET	510UL
82	113	0.21	99	3	NQI		015	+33.26	UTE	LTE		37	OUTLET	510UL
82	123	0.65	111	3	NQI		014	+21.69	UTE	LTE	TO+33.32	37	OUTLET	510UL
82	125	0.61	85	P 1	NQI		014	+0.74	UTE	LTE		37	OUTLET	510UL
83	6	0.98	108	3	NQI		010	+33.93	014	LTE		143	OUTLET	510UL
83	8	0.46	101	3	NQI		011	+4.98	014	LTE		142	OUTLET	510UL
		1.04	100	P 1	NQI		010	+0.29	014	LTE		142	OUTLET	510UL
		1.77	97	P 1	NQI		010	+0.02	014	LTE		142	OUTLET	510UL
		0.44	95	P 1	NQI		010	-0.51	014	LTE		142	OUTLET	510UL
83	15	0.45	109	3	NQI		012	+34.76	UTE	LTE		144	OUTLET	510UL
83	18	0.29	88	P 1	NQI		009	+0.58	UTE	LTE		144	OUTLET	510UL
83	21	0.43	108	3	NQI		015	+29.49	UTE	LTE		145	OUTLET	510UL
83	23	6.33	183	P 1	DNT		UTS	+0.00	UTE	LTE		145	OUTLET	510UL
83	26	0.68	82	P 1	NQI		010	+0.31	UTE	LTE		144	OUTLET	510UL
83	27	0.56	73	P 1	NQI		010	+0.45	UTE	LTE		145	OUTLET	510UL
83	28	1.01	91	P 1	NQI		010	+0.45	UTE	LTE		144	OUTLET	510UL
83	30	6.05	182	P 1	DNT		UTS	+0.00	UTE	LTE		144	OUTLET	510UL
83	31	0.62	108	P 1	NQI		009	+0.60	UTE	LTE		145	OUTLET	510UL
83	32	0.43	110	P 1	NQI		010	-0.76	UTE	LTE		144	OUTLET	510UL
83	34	0.63	100	P 1	NQI		010	+0.56	UTE	LTE		144	OUTLET	510UL
83	37	0.34	91	P 1	NQI		010	+0.42	UTE	LTE		145	OUTLET	510UL
83	43	0.48	80	P 1	NQI		009	-0.75	UTE	LTE		145	OUTLET	510UL
		0.79	103	P 1	NQI		008	-0.69	UTE	LTE		145	OUTLET	510UL
83	72	6.06	183	P 1	DNT		LTS	+0.07	LTE	UTE		3	INLET	510UL
83	73	17.83	181	P 1	DNT		LTS	+0.14	LTE	UTE		3	INLET	510UL
83	74	12.49	176	P 1	DNT		LTS	+0.09	LTE	UTE		3	INLET	510UL
83	75	6.98	173	P 1	DNT		LTS	+0.11	LTE	UTE		3	INLET	510UL
83	91	15.02	179	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
83	92	37.89	180	P 1	DNT		LTS	+0.20	UTE	LTE		37	OUTLET	510UL
83	93	51.81	181	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
83	94	73.74	180	P 1	DNT		LTS	+0.13	UTE	LTE		37	OUTLET	510UL
83	95	23.44	177	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
83	96	38.02	178	P 1	DNT		LTS	+0.09	UTE	LTE		37	OUTLET	510UL
83	97	30.34	179	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
83	98	0.74	98	3	NQI		008	+17.65	UTE	LTE		37	OUTLET	510UL
		0.29	102	3	NQI		008	+18.61	UTE	LTE		37	OUTLET	510UL
		16.23	176	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
83	104	0.40	108	3	NQI		010	+5.29	UTE	LTE		37	OUTLET	510UL
83	132	0.66	98	3	NQI		015	+12.00 TO+28.00	UTE	LTE		43	OUTLET	510UL
84	1	0.74	148	P 1	NQI		011	-0.62	014	LTE		143	OUTLET	510UL
84	2	0.41	100	P 1	NQI		010	+0.11	014	LTE		142	OUTLET	510UL
		0.60	107	P 1	NQI		010	-0.27	014	LTE		142	OUTLET	510UL
84	3	0.96	54	P 1	NQI		010	+0.58	014	LTE		143	OUTLET	510UL
84	6	1.01	111	3	NQI		010	+3.02	014	LTE		143	OUTLET	510UL
84	9	0.83	86	P 1	NQI		010	+0.51	UTE	LTE		145	OUTLET	510UL
84	16	6.77	178	P 1	DNT		UTS	+0.00	UTE	LTE		144	OUTLET	510UL
84	17	0.30	104	3	TWD	23	013	+22.37	UTE	LTE		145	OUTLET	510UL
		0.44	64	3	NQI		012	+33.16	UTE	LTE		145	OUTLET	510UL
		0.34	93	P 1	NQI		010	+0.27	UTE	LTE		145	OUTLET	510UL
		6.97	183	P 1	DNT		UTS	+0.00	UTE	LTE		145	OUTLET	510UL
84	19	0.43	58	P 1	NQI		011	+0.60	UTE	LTE		145	OUTLET	510UL
84	26	0.61	105	P 1	NQI		010	+0.53	UTE	LTE		144	OUTLET	510UL
84	28	0.37	92	P 1	NQI		010	+0.40	UTE	LTE		144	OUTLET	510UL
84	29	0.67	116	P 1	NQI		004	-0.75	UTE	LTE		145	OUTLET	510UL
84	30	0.53	49	P 1	NQI		015	+0.66	UTE	LTE		144	OUTLET	510UL
84	32	0.43	92	P 1	NQI		010	+0.49	UTE	LTE		144	OUTLET	510UL
84	55	1.20	63	P 1	NQI		005	+0.64	UTE	LTE		148	OUTLET	510UL
84	63	7.39	182	P 1	DNT		LTS	+0.05	LTE	UTE		3	INLET	510UL
84	64	9.79	183	P 1	DNT		LTS	+0.02	LTE	UTE		3	INLET	510UL
84	65	8.77	181	P 1	DNT		LTS	+0.02	LTE	UTE		3	INLET	510UL
84	66	9.43	181	P 1	DNT		LTS	+0.05	LTE	UTE		3	INLET	510UL
84	67	7.90	180	P 1	DNT		LTS	+0.07	LTE	UTE		3	INLET	510UL
84	69	7.03	181	P 1	DNT		LTS	-0.36	LTE	UTE		3	INLET	510UL
84	71	10.98	182	P 1	DNT		LTS	+0.05	LTE	UTE		3	INLET	510UL
84	72	35.99	182	P 1	DNT		LTS	+0.07	LTE	UTE		3	INLET	510UL
84	73	31.53	182	P 1	DNT		LTS	+0.16	LTE	UTE		3	INLET	510UL
84	74	17.00	180	P 1	DNT		LTS	+0.16	LTE	UTE		3	INLET	510UL
84	91	26.86	180	P 1	DNT		LTS	+0.09	UTE	LTE		34	OUTLET	510UL
84	92	42.78	181	P 1	DNT		LTS	+0.13	UTE	LTE		34	OUTLET	510UL
84	93	65.96	180	P 1	DNT		LTS	+0.11	UTE	LTE		37	OUTLET	510UL
84	96	48.36	178	P 1	DNT		LTS	+0.13	UTE	LTE		37	OUTLET	510UL
84	97	9.83	175	P 1	DNT		LTS	-0.04	UTE	LTE		38	OUTLET	510UL
84	98	7.07	180	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
84	103	0.25	92	3	NQI		015	+21.23	UTE	LTE		37	OUTLET	510UL
84	118	1.85	91	P 1	TWD	40	014	+0.68	UTE	LTE		38	OUTLET	510UL
		0.59	96	P 1	TWD	29	014	+0.91	UTE	LTE		38	OUTLET	510UL
84	127	19.73	178	3	DNT		015	+40.83	UTE	LTE		37	OUTLET	510UL
85	9	0.53	110	P 1	NQI		009	-0.79	UTE	LTE		147	OUTLET	510UL
85	13	0.24	89	3	NQI		003	+10.42	UTE	LTE		147	OUTLET	510UL
85	14	0.42	106	P 1	NQI		010	-0.51	UTE	LTE		148	OUTLET	510UL
85	16	6.61	183	P 1	DNT		UTS	-0.02	UTE	LTE		148	OUTLET	510UL
85	19	6.55	179	P 1	DNT		UTS	+0.05	UTE	LTE		147	OUTLET	510UL
85	22	0.47	94	3	NQI		011	+5.73	UTE	LTE		148	OUTLET	510UL
85	25	0.66	108	P 1	NQI		010	+0.60	UTE	LTE		147	OUTLET	510UL
85	26	0.84	115	P 1	NQI		010	+0.56	UTE	LTE		148	OUTLET	510UL
		0.52	121	P 1	NQI		010	-0.76	UTE	LTE		148	OUTLET	510UL
85	27	0.49	130	P 1	NQI		010	-0.74	UTE	LTE		147	OUTLET	510UL
85	29	0.58	119	P 1	NQI		010	-0.77	UTE	LTE		147	OUTLET	510UL
85	34	0.41	108	P 1	NQI		009	-0.73	UTE	LTE		148	OUTLET	510UL
85	36	0.59	101	P 1	NQI		009	-0.80	UTE	LTE		148	OUTLET	510UL
85	42	1.59	44	P 1	NQI		009	+0.56	UTE	LTE		148	OUTLET	510UL
		1.37	88	P 1	NQI		009	-0.71	UTE	LTE		148	OUTLET	510UL
		0.76	81	P 1	NQI		008	-0.73	UTE	LTE		148	OUTLET	510UL
85	44	0.75	127	P 1	NQI		008	-0.71	UTE	LTE		148	OUTLET	510UL
85	51	0.34	107	3	NQI		010	+9.35	UTE	LTE		147	OUTLET	510UL
85	56	0.27	85	P 1	NQI		015	+0.18	LTE	UTE		3	INLET	510UL
85	61	20.60	177	P 1	DNT		LTS	+0.05	LTE	UTE		1	INLET	510UL
		0.32	95	3	NQI		015	+25.65	LTE	UTE		1	INLET	510UL
85	62	23.53	176	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
		0.29	57	3	NQI		LTS	+19.18	LTE	UTE		1	INLET	510UL
85	63	22.52	179	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
85	64	35.43	185	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
85	65	26.30	177	P 1	DNT		LTS	+0.11	LTE	UTE		1	INLET	510UL
85	66	20.94	177	P 1	DNT		LTS	+0.09	LTE	UTE		1	INLET	510UL
85	67	15.13	176	P 1	DNT		LTS	+0.05	LTE	UTE		1	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
85	68	13.42	176	P 1	DNT		LTS	+0.05	LTE UTE			1	INLET	510UL
85	69	14.97	177	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
85	70	21.83	175	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
85	71	56.20	182	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
85	72	78.59	183	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
85	73	25.80	180	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
85	84	0.34	107	3	NQI		010	+21.25	UTE LTE			123	OUTLET	510UL
85	90	25.75	183	P 1	DNT		LTS	+0.16	UTE LTE			33	OUTLET	510UL
85	91	0.35	71	3	NQI		012	+18.44	UTE LTE			34	OUTLET	510UL
		41.09	181	P 1	DNT		LTS	+0.16	UTE LTE			34	OUTLET	510UL
85	92	55.38	182	P 1	DNT		LTS	+0.11	UTE LTE			33	OUTLET	510UL
85	93	65.15	180	P 1	DNT		LTS	+0.07	UTE LTE			34	OUTLET	510UL
85	94	32.64	174	P 1	DNT		LTS	+0.07	UTE LTE			33	OUTLET	510UL
85	95	48.40	179	P 1	DNT		LTS	+0.09	UTE LTE			34	OUTLET	510UL
		0.38	85	3	NQI		007	+8.82	UTE LTE			34	OUTLET	510UL
85	96	15.61	159	P 1	DNT		LTS	+0.05	UTE LTE			33	OUTLET	510UL
85	97	11.69	179	P 1	DNT		LTS	+0.00	UTE LTE			34	OUTLET	510UL
85	110	0.22	94	3	NQI		014	+1.03	UTE LTE			33	OUTLET	510UL
85	114	0.33	90	P 1	NQI		014	+0.92	UTE LTE			33	OUTLET	510UL
85	118	0.75	96	3	NQI		002	+32.63	UTE LTE			34	OUTLET	510UL
85	129	6.96	184	P 1	DNT		008	-0.11	UTE LTE			33	OUTLET	510UL
85	130	0.54	43	P 1	NQI		009	-0.06	UTE LTE			34	OUTLET	510UL
86	1	0.70	89	P 1	NQI		014	+0.64	014 LTE			143	OUTLET	510UL
		10.09	175	3	DNT		LTE	+10.31	014 LTE			143	OUTLET	510UL
86	3	0.30	101	3	NQI		012	+32.69	014 LTE			143	OUTLET	510UL
		7.25	178	P 1	DNT		010	-0.36	014 LTE			143	OUTLET	510UL
86	11	0.96	104	P 1	NQI		010	-0.63	UTE LTE			148	OUTLET	510UL
86	14	0.52	101	P 1	NQI		011	-0.71	UTE LTE			147	OUTLET	510UL
86	28	0.27	103	P 1	NQI		009	-0.44	UTE LTE			147	OUTLET	510UL
86	30	0.37	70	P 1	NQI		009	-0.97	UTE LTE			147	OUTLET	510UL
86	32	0.78	108	P 1	NQI		009	-0.71	UTE LTE			147	OUTLET	510UL
86	33	0.75	99	P 1	NQI		010	+0.63	UTE LTE			148	OUTLET	510UL
86	34	0.50	98	P 1	NQI		009	-0.69	UTE LTE			147	OUTLET	510UL
86	51	0.43	102	3	NQI		008	+35.85	UTE LTE			148	OUTLET	510UL
86	55	0.91	118	P 1	NQI		005	-0.80	UTE LTE			148	OUTLET	510UL
86	58	6.18	181	P 1	DNT		LTS	-0.81	LTE UTE			1	INLET	510UL
86	59	16.04	178	P 1	DNT		LTS	-0.64	LTE UTE			1	INLET	510UL
86	60	33.57	182	P 1	DNT		LTS	+0.05	LTE UTE			1	INLET	510UL
86	61	42.16	183	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
86	62	40.19	181	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
86	63	31.32	184	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
86	64	58.58	183	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
86	65	46.24	185	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
86	66	29.46	180	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
86	67	16.92	184	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		0.57	76	P 1	NQI		004	-0.68	LTE UTE			1	INLET	510UL
86	68	11.29	176	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
86	69	15.51	184	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
86	70	23.60	185	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
86	71	31.19	182	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
86	72	38.74	182	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
86	73	26.61	182	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
		0.27	108	3	TWD	17	006	+33.99	LTE UTE			1	INLET	510UL
86	74	9.12	160	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
86	90	14.24	182	P 1	DNT		LTS	+0.23	UTE LTE			33	OUTLET	510UL
		3.51	22	P 1	DWI		LTS	-0.04	UTE LTE			33	OUTLET	510UL
86	91	36.28	179	P 1	DNT		LTS	+0.16	UTE LTE			34	OUTLET	510UL
86	92	59.39	182	P 1	DNT		LTS	+0.16	UTE LTE			33	OUTLET	510UL
86	93	60.11	181	P 1	DNT		LTS	+0.11	UTE LTE			34	OUTLET	510UL
86	94	46.71	176	P 1	DNT		LTS	+0.07	UTE LTE			33	OUTLET	510UL
86	95	51.39	181	P 1	DNT		LTS	+0.02	UTE LTE			123	OUTLET	510UL
		46.83	180	P 1	DNT		LTS	+0.07	UTE LTE			34	OUTLET	510UL
86	96	24.11	176	P 1	DNT		LTS	+0.05	UTE LTE			33	OUTLET	510UL
86	103	0.48	90	3	NQI		015	+31.29	UTE LTE			34	OUTLET	510UL
86	118	0.26	95	3	NQI		015	+10.53	UTE LTE			33	OUTLET	510UL
86	129	6.70	179	P 1	DNT		008	-0.11	UTE LTE			34	OUTLET	510UL
86	131	0.25	112	3	NQI		013	+1.42	UTE LTE			34	OUTLET	510UL
87	9	0.43	111	P 1	NQI		010	-0.58	UTE LTE			147	OUTLET	510UL
87	13	0.39	79	P 1	NQI		010	-0.36	UTE LTE			147	OUTLET	510UL
87	19	0.26	102	3	NQI		LTS	+26.41	UTE LTE			147	OUTLET	510UL
87	50	0.42	101	P 1	NQI		009	-0.82	UTE LTE			148	OUTLET	510UL
87	57	9.47	173	P 1	DNT		LTS	+0.02	LTE UTE			1	INLET	510UL
87	58	25.72	181	P 1	DNT		LTS	+0.07	LTE UTE			1	INLET	510UL
87	59	62.68	184	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
87	60	70.16	183	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
87	61	45.61	183	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
		0.27	108	3	NQI		015	+22.42	TO+35.40			1	INLET	510UL
87	62	37.93	184	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
87	64	45.04	179	P 1	DNT		LTS	+0.27	LTE UTE			1	INLET	510UL
87	65	33.05	181	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
		0.46	52	P 1	NQI		002	-0.70	LTE UTE			1	INLET	510UL
87	66	14.14	183	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
87	67	12.89	180	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
87	68	9.90	168	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
87	69	13.68	183	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
87	71	17.64	183	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
87	72	25.80	181	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
		8.70	353	3	DNT		LTS	+0.66	LTE UTE			1	INLET	510UL
87	73	9.25	170	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
87	89	9.55	181	P 1	DNT		LTS	+0.29	UTE LTE			34	OUTLET	510UL
87	90	27.67	178	P 1	DNT		LTS	+0.09	UTE LTE			33	OUTLET	510UL
87	91	35.08	180	P 1	DNT		LTS	+0.11	UTE LTE			34	OUTLET	510UL
87	92	71.57	181	P 1	DNT		LTS	+0.11	UTE LTE			33	OUTLET	510UL
87	93	53.48	180	P 1	DNT		LTS	+0.07	UTE LTE			34	OUTLET	510UL
87	94	47.28	179	P 1	DNT		LTS	+0.11	UTE LTE			33	OUTLET	510UL
87	95	27.89	178	P 1	DNT		LTS	+0.02	UTE LTE			34	OUTLET	510UL
87	96	9.22	178	P 1	DNT		LTS	-0.07	UTE LTE			33	OUTLET	510UL
87	122	0.53	112	P 1	NQI		002	+0.69	UTE LTE			34	OUTLET	510UL
87	129	8.07	180	P 1	DNT		008	+0.25	UTE LTE			33	OUTLET	510UL
87	130	2.75	91	6	ADI		012	+15.38	UTE LTE			34	OUTLET	510UL
88	2	1.91	126	3	NQI		010	+5.21	014 LTE			142	OUTLET	510UL
88	3	0.91	127	P 1	NQI		012	-0.79	014 LTE			142	OUTLET	510UL
		0.77	93	P 1	NQI		011	+0.64	014 LTE			142	OUTLET	510UL
88	57	15.88	177	P 1	DNT		LTS	+0.05	LTE UTE			1	INLET	510UL
88	58	35.04	181	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
88	59	43.92	184	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
88	60	66.76	184	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
88	61	79.15	184	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
88	62	85.05	183	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
88	63	67.31	184	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
88	64	48.47	184	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
		26.09	177	3	DNT		LTS	+0.57	LTE UTE			1	INLET	510UL
		0.15	74	P 1	NQI		014	+0.21	LTE UTE			1	INLET	510UL
88	65	30.31	182	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		20.20	179	3	DNT		LTS	+0.50	LTE UTE			1	INLET	510UL
88	66	10.66	176	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
		10.60	178	3	DNT		LTS	+0.48	LTE UTE			1	INLET	510UL
88	67	7.26	169	P 1	DNT		LTS	+0.07	LTE UTE			1	INLET	510UL
88	68	7.74	178	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
88	70	8.44	186	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
88	72	9.76	183	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
88	73	10.03	180	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
88	80	0.28	84	3	NQI		014	+8.87	UTE LTE			34	OUTLET	510UL
88	90	16.06	179	P 1	DNT		LTS	+0.09	UTE LTE			34	OUTLET	510UL
88	91	44.26	179	P 1	DNT		LTS	+0.11	UTE LTE			33	OUTLET	510UL
88	92	50.28	179	P 1	DNT		LTS	+0.07	UTE LTE			34	OUTLET	510UL
88	93	56.88	180	P 1	DNT		LTS	+0.05	UTE LTE			33	OUTLET	510UL
88	94	42.02	179	P 1	DNT		LTS	+0.07	UTE LTE			34	OUTLET	510UL
88	95	36.60	178	P 1	DNT		LTS	+0.00	UTE LTE			33	OUTLET	510UL
88	96	0.18	86	3	NQI		015	+26.99	UTE LTE			34	OUTLET	510UL
		8.42	181	P 1	DNT		LTS	-0.11	UTE LTE			34	OUTLET	510UL
88	122	0.42	85	P 1	NQI		015	+0.60	UTE LTE			34	OUTLET	510UL
88	125	0.42	103	P 1	NQI		006	-0.58	UTE LTE			34	OUTLET	510UL
89	2	1.18	114	P 1	NQI		011	+0.50	014 LTE			142	OUTLET	510UL
		6.90	181	P 1	DNT		010	-0.16	014 LTE			142	OUTLET	510UL
89	14	0.52	118	3	NQI		014	+3.04	UTE LTE			136	OUTLET	510UL
		0.32	111	3	NQI		014	+2.71	UTE LTE			136	OUTLET	510UL
89	16	0.67	90	P 1	NQI		010	+0.48	UTE LTE			136	OUTLET	510UL
89	17	0.75	107	P 1	NQI		009	-0.75	UTE LTE			149	OUTLET	510UL
89	37	0.48	108	3	NQI		014	+18.50	UTE LTE			146	OUTLET	510UL
89	55	16.50	179	P 1	DNT		LTS	-0.04	UTE LTE			146	OUTLET	510UL
89	56	32.35	184	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
89	57	39.99	181	P 1	DNT		LTS	+0.07	LTE UTE			1	INLET	510UL
89	58	33.68	183	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
89	59	44.63	183	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
		0.33	105	3	NQI		015	+31.21	LTE UTE			1	INLET	510UL
		0.25	79	3	NQI		015	+30.09	LTE UTE			1	INLET	510UL
89	60	65.03	183	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
89	61	80.15	183	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
89	62	55.17	184	P 1	DNT		LTS	+0.25	LTE UTE			1	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
89	63	36.76	182	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
		9.70	174	3	DNT		LTS	+0.57	LTE UTE			1	INLET	510UL
89	64	27.69	185	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		17.10	180	1	DNT		LTS	+0.57	LTE UTE			1	INLET	510UL
		0.42	78	P 1	NQI		002	-0.72	LTE UTE			1	INLET	510UL
89	65	22.87	184	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
		15.74	179	3	DNT		LTS	+0.61	LTE UTE			1	INLET	510UL
89	66	14.46	181	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
89	71	9.66	179	3	DNT		LTS	+0.75	LTE UTE			1	INLET	510UL
89	72	7.16	164	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
		6.00	177	3	DNT		LTS	+0.91	LTE UTE			1	INLET	510UL
89	82	0.28	90	3	NQI		010	+15.33	UTE LTE			34	OUTLET	510UL
89	89	26.06	178	P 1	DNT		LTS	+0.07	UTE LTE			33	OUTLET	510UL
89	90	35.18	181	P 1	DNT		LTS	+0.13	UTE LTE			34	OUTLET	510UL
89	91	44.43	180	P 1	DNT		LTS	+0.11	UTE LTE			33	OUTLET	510UL
89	92	32.52	180	P 1	DNT		LTS	+0.09	UTE LTE			34	OUTLET	510UL
89	93	42.85	180	P 1	DNT		LTS	+0.05	UTE LTE			33	OUTLET	510UL
		0.59	101	3	TWD	29	010	+22.58	UTE LTE			33	OUTLET	510UL
89	94	32.24	180	P 1	DNT		LTS	+0.11	UTE LTE			34	OUTLET	510UL
89	105	0.39	87	3	NQI		001	+5.23	UTE LTE			33	OUTLET	510UL
89	118	6.19	186	3	DNT		LTS	+18.42	UTE LTE			33	OUTLET	510UL
89	130	0.48	84	P 1	NQI		008	+0.56	UTE LTE			34	OUTLET	510UL
90	2	0.61	134	P 1	NQI		012	-0.81	014 LTE			142	OUTLET	510UL
90	6	0.52	70	P 1	NQI		UTS	+0.11	UTE LTE			136	OUTLET	510UL
		0.77	75	P 1	NQI		009	-0.68	UTE LTE			136	OUTLET	510UL
90	13	0.38	105	3	NQI		013	+28.89	UTE LTE			138	OUTLET	510UL
90	32	0.58	66	3	NQI		006	+15.08	UTE LTE			136	OUTLET	510UL
90	43	1.45	96	P 1	NQI		015	+0.78	UTE LTE			138	OUTLET	510UL
90	54	19.41	176	P 1	DNT		LTS	+0.00	UTE LTE			136	OUTLET	510UL
90	56	32.18	183	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
90	57	28.54	184	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
		0.33	102	3	NQI		008	+24.46	LTE UTE			1	INLET	510UL
		0.18	74	3	NQI		008	+24.68	LTE UTE			1	INLET	510UL
		0.24	94	3	NQI		011	+14.93	LTE UTE			1	INLET	510UL
90	58	31.19	180	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
90	59	59.13	182	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
90	60	58.64	183	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
90	61	45.50	184	P 1	DNT		LTS	+0.25	LTE UTE			1	INLET	510UL
90	62	37.22	177	P 1	DNT		LTS	+0.32	LTE UTE			1	INLET	510UL
90	63	15.48	180	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		27.25	177	3	DNT		LTS	+0.61	LTE UTE			1	INLET	510UL
90	64	18.42	180	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		37.98	176	3	DNT		LTS	+0.61	LTE UTE			1	INLET	510UL
90	65	17.14	179	3	DNT		LTS	+0.59	LTE UTE			1	INLET	510UL
90	70	7.11	178	3	DNT		LTS	+0.75	LTE UTE			1	INLET	510UL
90	71	7.08	184	3	DNT		LTS	+0.77	LTE UTE			1	INLET	510UL
90	88	12.43	176	P 1	DNT		LTS	+0.16	UTE LTE			32	OUTLET	510UL
90	89	39.48	177	P 1	DNT		LTS	+0.11	UTE LTE			28	OUTLET	510UL
90	90	37.86	179	P 1	DNT		LTS	+0.07	UTE LTE			32	OUTLET	510UL
90	91	41.11	178	P 1	DNT		LTS	+0.07	UTE LTE			28	OUTLET	510UL
90	92	30.57	179	P 1	DNT		LTS	+0.09	UTE LTE			32	OUTLET	510UL
90	93	44.14	178	P 1	DNT		LTS	+0.11	UTE LTE			28	OUTLET	510UL
90	94	22.23	179	P 1	DNT		LTS	+0.00	UTE LTE			32	OUTLET	510UL
90	107	0.40	105	P 1	NQI		UTS	+5.04	UTE LTE			28	OUTLET	510UL
90	115	1.06	91	P 1	NQI		014	+0.98	UTE LTE			28	OUTLET	510UL
90	126	0.33	83	P 1	NQI		006	+0.40	UTE LTE			28	OUTLET	510UL
		0.63	100	P 1	NQI		LTS	-0.42	UTE LTE			28	OUTLET	510UL
91	2	2.06	104	P 1	NQI		011	+0.48	014 LTE			142	OUTLET	510UL
91	7	0.58	75	P 1	NQI		010	+0.55	LTE UTE			146	OUTLET	510UL
91	17	1.35	94	P 1	NQI		015	+0.57	UTE LTE			136	OUTLET	510UL
91	42	0.52	92	P 1	NQI		015	+0.45	UTE LTE			136	OUTLET	510UL
91	52	14.30	174	P 1	DNT		LTS	+0.00	UTE LTE			136	OUTLET	510UL
91	53	33.26	181	P 1	DNT		LTS	+0.00	UTE LTE			136	OUTLET	510UL
91	54	41.86	185	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
91	55	33.90	183	P 1	DNT		LTS	+0.27	LTE UTE			1	INLET	510UL
91	56	23.81	182	P 1	DNT		LTS	+0.23	LTE UTE			1	INLET	510UL
91	57	33.94	179	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
91	58	54.59	181	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
91	59	0.30	67	3	NQI		011	+25.24	LTE UTE			1	INLET	510UL
		0.32	82	3	NQI		011	+28.84	LTE UTE			1	INLET	510UL
		38.09	182	P 1	DNT		LTS	-0.04	LTE UTE			1	INLET	510UL
91	60	21.52	181	P 1	DNT		LTS	+0.16	LTE UTE			1	INLET	510UL
		0.32	69	3	NQI		012	+20.90	LTE UTE			1	INLET	510UL
91	61	45.36	179	3	DNT		LTS	+0.54	LTE UTE			1	INLET	510UL
91	62	6.69	177	P 1	DNT		LTS	-0.02	LTE UTE			1	INLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		37.02	179	3	DNT		LTS	+0.57	LTE UTE			1	INLET	510UL
91	63	17.45	176	3	DNT		LTS	+0.61	LTE UTE			1	INLET	510UL
91	65	0.29	88	3	NQI		014	+17.01	LTE UTE			1	INLET	510UL
91	70	0.22	90	3	NQI		015	+21.31	LTE UTE			1	INLET	510UL
91	80	0.33	96	3	NQI		011	+21.59	UTE LTE			32	OUTLET	510UL
		0.25	95	3	NQI		010	+27.49	UTE LTE			32	OUTLET	510UL
91	81	9.94	182	3	DNT		LTE	+5.12	UTE LTE			28	OUTLET	510UL
91	82	0.40	98	3	NQI		012	+1.72	UTE LTE			32	OUTLET	510UL
91	84	0.39	94	3	TWD	38	002	+33.22	UTE LTE			28	OUTLET	510UL
91	86	31.15	176	P 1	DNT		LTS	+0.05	UTE LTE			28	OUTLET	510UL
91	88	31.68	176	P 1	DNT		LTS	+0.14	UTE LTE			28	OUTLET	510UL
91	89	37.56	177	P 1	DNT		LTS	+0.11	UTE LTE			28	OUTLET	510UL
91	91	14.42	177	P 1	DNT		LTS	-0.02	UTE LTE			28	OUTLET	510UL
91	99	0.21	87	3	NQI		013	+20.68	UTE LTE			28	OUTLET	510UL
91	108	28.88	180	3	DNT		LTE	+10.48	UTE LTE			28	OUTLET	510UL
91	118	0.69	121	3	NQI		014	+1.15	UTE LTE			28	OUTLET	510UL
91	119	1.02	102	P 1	NQI		015	-0.67	UTE LTE			32	OUTLET	510UL
91	120	0.29	76	P 1	NQI		008	-0.79	UTE LTE			28	OUTLET	510UL
91	125	1.14	98	3	NQI		014	+2.51	UTE LTE			28	OUTLET	510UL
		1.72	111	3	NQI		014	+2.28	UTE LTE			28	OUTLET	510UL
		0.66	100	P 1	NQI		009	+0.47	UTE LTE			28	OUTLET	510UL
92	3	0.51	117	P 1	NQI		010	+0.51	014 LTE			142	OUTLET	510UL
92	52	6.65	195	P 1	DNT		LTS	+0.00	UTE LTE			137	OUTLET	510UL
92	53	9.39	173	P 1	DNT		LTS	+0.00	UTE LTE			136	OUTLET	510UL
92	54	23.74	177	P 1	DNT		LTS	+0.00	UTE LTE			146	OUTLET	510UL
92	55	27.49	180	P 1	DNT		LTS	+0.11	UTE LTE			149	OUTLET	510UL
92	56	26.67	183	P 1	DNT		LTS	+0.25	LTE UTE			1	INLET	510UL
		0.33	104	3	NQI		002	+29.69	LTE UTE			1	INLET	510UL
92	57	23.24	182	P 1	DNT		LTS	+0.27	LTE UTE			1	INLET	510UL
92	58	24.92	180	P 1	DNT		LTS	+0.07	LTE UTE			1	INLET	510UL
		0.21	77	P 1	NQI		010	-0.16	LTE UTE			1	INLET	510UL
		0.39	68	3	NQI		012	+7.89	LTE UTE			1	INLET	510UL
92	59	26.56	179	P 1	DNT		LTS	+0.09	LTE UTE			1	INLET	510UL
		11.66	176	3	DNT		LTS	+0.48	LTE UTE			1	INLET	510UL
92	60	35.19	182	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
92	61	27.24	182	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		0.36	103	3	NQI		006	+31.63	LTE UTE			1	INLET	510UL
92	62	11.19	184	P 1	DNT		LTS	+0.11	LTE UTE			1	INLET	510UL
		17.45	180	3	DNT		LTS	+0.61	LTE UTE			1	INLET	510UL
92	63	13.39	183	P 1	DNT		LTS	+0.57	LTE UTE			1	INLET	510UL
92	64	11.88	176	3	DNT		LTS	+0.64	LTE UTE			1	INLET	510UL
92	65	13.88	182	3	DNT		LTS	+0.64	LTE UTE			1	INLET	510UL
92	81	0.21	96	3	NQI		015	+2.67	UTE LTE			32	OUTLET	510UL
92	83	0.28	87	3	NQI		011	+12.74	UTE LTE			32	OUTLET	510UL
92	87	12.80	181	P 1	DNT		LTS	+0.18	UTE LTE			32	OUTLET	510UL
92	88	38.42	176	P 1	DNT		LTS	+0.09	UTE LTE			28	OUTLET	510UL
92	89	0.36	84	3	NQI		010	+0.00	UTE LTE	TO+28.22		32	OUTLET	510UL
		55.81	180	P 1	DNT		LTS	+0.09	UTE LTE			32	OUTLET	510UL
		0.61	106	3	NQI		009	+2.90	UTE LTE			32	OUTLET	510UL
		0.44	95	3	NQI		009	+37.82	UTE LTE			32	OUTLET	510UL
		0.55	76	3	NQI		012	+3.58	UTE LTE			32	OUTLET	510UL
		0.24	69	3	NQI		011	+22.75	UTE LTE			32	OUTLET	510UL
92	90	33.25	176	P 1	DNT		LTS	+0.05	UTE LTE			28	OUTLET	510UL
92	91	35.52	178	P 1	DNT		LTS	+0.07	UTE LTE			32	OUTLET	510UL
92	92	29.96	176	P 1	DNT		LTS	+0.07	UTE LTE			28	OUTLET	510UL
92	93	17.86	180	P 1	DNT		LTS	+0.00	UTE LTE			32	OUTLET	510UL
92	94	10.91	180	P 1	DNT		LTS	-0.09	UTE LTE			28	OUTLET	510UL
92	96	0.32	112	3	NQI		009	+28.33	UTE LTE			28	OUTLET	510UL
		0.28	100	3	NQI		009	+27.79	UTE LTE			28	OUTLET	510UL
		0.52	106	3	NQI		009	+27.40	UTE LTE			28	OUTLET	510UL
		0.56	102	3	NQI		009	+23.05	UTE LTE			28	OUTLET	510UL
		0.29	105	3	NQI		009	+22.67	UTE LTE			28	OUTLET	510UL
		0.39	93	3	NQI		009	+22.04	UTE LTE			28	OUTLET	510UL
		0.29	86	3	NQI		009	+21.66	UTE LTE			28	OUTLET	510UL
92	109	0.54	85	3	NQI		012	+31.33	UTE LTE			32	OUTLET	510UL
92	112	0.29	72	3	NQI		008	+32.19	UTE LTE			28	OUTLET	510UL
92	115	0.33	104	3	NQI		014	+30.88	UTE LTE			32	OUTLET	510UL
92	117	0.23	90	3	NQI		011	+7.46	UTE LTE			32	OUTLET	510UL
93	3	0.53	108	P 1	NQI		010	+0.53	014 LTE			142	OUTLET	510UL
93	11	0.58	149	3	NQI		001	+27.47	UTE LTE			149	OUTLET	510UL
93	12	0.64	96	3	NQI		003	+8.46	UTE LTE			130	OUTLET	510UL
93	35	0.28	96	3	NQI		011	+28.54	UTE LTE			134	OUTLET	510UL
93	49	10.06	180	P 1	DNT		LTS	-0.02	UTE LTE			149	OUTLET	510UL
93	50	13.23	190	P 1	DNT		LTS	+0.00	UTE LTE			137	OUTLET	510UL
93	51	14.49	181	P 1	DNT		LTS	+0.00	UTE LTE			136	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
93	52	20.80	180	P 1	DNT		LTS	+0.00	UTE	LTE		136	OUTLET	510UL
93	53	27.37	181	P 1	DNT		LTS	+0.11	UTE	LTE		149	OUTLET	510UL
93	54	20.72	185	P 1	DNT		LTS	+0.23	LTE	UTE		1	INLET	510UL
93	55	13.26	172	P 1	DNT		LTS	+0.05	LTE	UTE		1	INLET	510UL
		21.11	176	3	DNT		LTS	+0.39	LTE	UTE		1	INLET	510UL
93	56	15.29	176	P 1	DNT		LTS	+0.05	LTE	UTE		1	INLET	510UL
		13.98	177	3	DNT		LTS	+0.41	LTE	UTE		1	INLET	510UL
93	57	29.87	182	P 1	DNT		LTS	+0.11	LTE	UTE		1	INLET	510UL
		8.17	178	3	DNT		LTS	+0.57	LTE	UTE		1	INLET	510UL
93	58	22.89	182	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
		10.74	178	3	DNT		LTS	+0.61	LTE	UTE		1	INLET	510UL
93	59	14.99	185	P 1	DNT		LTS	+0.09	LTE	UTE		1	INLET	510UL
		10.81	178	3	DNT		LTS	+0.61	LTE	UTE		1	INLET	510UL
93	60	9.63	181	3	DNT		LTS	+0.57	LTE	UTE		1	INLET	510UL
93	61	12.66	179	3	DNT		LTS	+0.61	LTE	UTE		1	INLET	510UL
93	62	7.12	187	3	DNT		LTS	+0.66	LTE	UTE		1	INLET	510UL
93	63	7.89	179	3	DNT		LTS	+0.68	LTE	UTE		1	INLET	510UL
93	64	6.63	178	3	DNT		LTS	+0.77	LTE	UTE		1	INLET	510UL
93	84	39.26	180	P 1	DNT		LTS	+0.16	UTE	LTE		28	OUTLET	510UL
93	85	33.86	178	P 1	DNT		LTS	+0.09	UTE	LTE		32	OUTLET	510UL
93	87	31.93	176	P 1	DNT		LTS	+0.07	UTE	LTE		28	OUTLET	510UL
93	88	0.36	103	3	NQI		011	+18.85	UTE	LTE	TO+26.65	32	OUTLET	510UL
		35.07	178	P 1	DNT		LTS	+0.02	UTE	LTE		32	OUTLET	510UL
93	89	13.01	180	P 1	DNT		LTS	-0.15	UTE	LTE		28	OUTLET	510UL
93	90	6.96	179	P 1	DNT		LTS	-0.04	UTE	LTE		32	OUTLET	510UL
93	103	0.27	78	3	NQI		009	+13.57	UTE	LTE		28	OUTLET	510UL
93	113	0.68	94	3	NQI		010	+6.86	UTE	LTE		28	OUTLET	510UL
		0.30	97	3	NQI		003	+26.40	UTE	LTE		28	OUTLET	510UL
93	122	0.65	104	3	NQI		008	+1.52	UTE	LTE		32	OUTLET	510UL
93	123	0.82	101	P 1	NQI		011	-0.79	UTE	LTE		28	OUTLET	510UL
		1.91	108	3	NQI		009	+1.06	UTE	LTE		28	OUTLET	510UL
		1.13	82	P 1	NQI		009	+0.61	UTE	LTE		28	OUTLET	510UL
94	2	0.51	127	P 1	NQI		012	-0.77	014	LTE		142	OUTLET	510UL
		1.18	92	P 1	NQI		011	+0.62	014	LTE		142	OUTLET	510UL
94	26	1.18	90	P 1	NQI		014	+0.74	UTE	LTE		121	OUTLET	510UL
94	50	10.30	181	P 1	DNT		LTS	-0.09	UTE	LTE		121	OUTLET	510UL
94	51	14.04	181	P 1	DNT		LTS	+0.02	UTE	LTE		121	OUTLET	510UL
94	52	12.80	181	P 1	DNT		LTS	+0.00	UTE	LTE		121	OUTLET	510UL
94	53	11.73	181	P 1	DNT		LTS	+0.02	UTE	LTE		121	OUTLET	510UL
94	54	15.02	179	P 1	DNT		LTS	+0.07	UTE	LTE		121	OUTLET	510UL
94	55	17.18	180	P 1	DNT		LTS	-0.02	UTE	LTE		117	OUTLET	510UL
94	56	18.20	182	P 1	DNT		LTS	+0.18	UTE	LTE		149	OUTLET	510UL
94	57	10.83	170	P 1	DNT		LTS	-0.02	LTE	UTE		1	INLET	510UL
		18.54	177	3	DNT		LTS	+0.34	LTE	UTE		1	INLET	510UL
		0.31	91	3	NQI		006	+10.42	LTE	UTE		1	INLET	510UL
94	58	19.81	176	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
		6.64	179	3	DNT		LTS	+0.48	LTE	UTE		1	INLET	510UL
94	59	32.84	182	P 1	DNT		LTS	+0.11	LTE	UTE		1	INLET	510UL
		10.41	175	3	DNT		LTS	+0.57	LTE	UTE		1	INLET	510UL
		0.44	112	3	TWD	7	008	+8.55	LTE	UTE		1	INLET	510UL
94	60	12.70	182	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
		16.52	176	3	DNT		LTS	+0.61	LTE	UTE		1	INLET	510UL
94	61	16.12	181	P 1	DNT		LTS	+0.18	LTE	UTE		1	INLET	510UL
		7.59	181	3	DNT		LTS	+0.68	LTE	UTE		1	INLET	510UL
94	62	6.40	181	P 1	DNT		LTS	+0.20	LTE	UTE		1	INLET	510UL
		10.01	175	3	DNT		LTS	+0.75	LTE	UTE		1	INLET	510UL
94	63	9.41	183	3	DNT		LTS	+0.73	LTE	UTE		1	INLET	510UL
94	83	0.22	110	3	NQI		014	+17.99	UTE	LTE		32	OUTLET	510UL
94	86	23.23	179	P 1	DNT		LTS	+0.00	UTE	LTE		28	OUTLET	510UL
94	87	41.05	181	P 1	DNT		LTS	+0.09	UTE	LTE		32	OUTLET	510UL
94	90	0.48	108	3	NQI		010	+19.37	UTE	LTE		28	OUTLET	510UL
		0.37	92	3	NQI		009	+36.01	UTE	LTE		28	OUTLET	510UL
		0.43	95	3	NQI		009	+37.77	UTE	LTE		28	OUTLET	510UL
		24.81	176	P 1	DNT		LTS	+0.05	UTE	LTE		28	OUTLET	510UL
		7.37	182	3	DNT		LTE	+10.15	UTE	LTE		28	OUTLET	510UL
94	91	21.91	178	P 1	DNT		LTS	+0.02	UTE	LTE		32	OUTLET	510UL
94	92	12.11	181	P 1	DNT		LTS	-0.22	UTE	LTE		28	OUTLET	510UL
94	93	6.58	180	P 1	DNT		LTS	+0.00	UTE	LTE		32	OUTLET	510UL
94	95	13.59	180	3	DNT		LTE	+13.09	UTE	LTE		28	OUTLET	510UL
		11.94	180	3	DNT		LTE	+12.65	UTE	LTE		28	OUTLET	510UL
94	122	0.45	99	3	NQI		014	+1.23	UTE	LTE		32	OUTLET	510UL
94	124	0.59	100	3	NQI		008	+18.49	UTE	LTE		32	OUTLET	510UL
		0.30	78	3	NQI		001	+10.32	UTE	LTE		32	OUTLET	510UL
94	127	0.40	78	3	NQI		009	+1.35	UTE	LTE		28	OUTLET	510UL
94	129	0.23	90	3	NQI		LTS	+16.11	UTE	LTE		32	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
95	49	7.84	180	P 1	DNT		LTS	-0.07	UTE	LTE		121	OUTLET	510UL
95	50	12.96	178	P 1	DNT		LTS	-0.13	UTE	LTE		117	OUTLET	510UL
95	51	11.70	181	P 1	DNT		LTS	+0.09	UTE	LTE		121	OUTLET	510UL
95	52	17.74	177	P 1	DNT		LTS	+0.00	UTE	LTE		117	OUTLET	510UL
95	53	15.61	180	P 1	DNT		LTS	+0.05	UTE	LTE		121	OUTLET	510UL
95	54	22.76	179	P 1	DNT		LTS	+0.11	UTE	LTE		117	OUTLET	510UL
95	55	13.78	179	P 1	DNT		LTS	+0.18	UTE	LTE		117	OUTLET	510UL
95	56	13.65	178	P 1	DNT		LTS	+0.16	UTE	LTE		149	OUTLET	510UL
95	57	18.21	176	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
		13.83	176	3	DNT		LTS	+0.48	LTE	UTE		1	INLET	510UL
95	58	22.19	177	P 1	DNT		LTS	+0.09	LTE	UTE		1	INLET	510UL
		17.04	173	3	DNT		LTS	+0.59	LTE	UTE		1	INLET	510UL
95	59	20.64	182	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
		17.60	173	3	DNT		LTS	+0.63	LTE	UTE		1	INLET	510UL
95	60	14.65	179	3	DNT		LTS	+0.63	LTE	UTE		1	INLET	510UL
		16.26	182	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
95	61	10.54	180	P 1	DNT		LTS	+0.07	LTE	UTE		1	INLET	510UL
		13.85	180	3	DNT		LTS	+0.68	LTE	UTE		1	INLET	510UL
		12.35	179	3	DNT		014	+30.51	LTE	UTE		1	INLET	510UL
95	62	7.96	179	3	DNT		LTS	+0.79	LTE	UTE		1	INLET	510UL
95	69	0.73	50	3	NQI		014	+24.28	LTE	UTE		1	INLET	510UL
95	78	0.27	106	3	TWD 16		015	+23.04	UTE	LTE		28	OUTLET	510UL
95	84	17.65	175	P 1	DNT		LTS	+0.07	UTE	LTE		28	OUTLET	510UL
95	85	30.89	181	P 1	DNT		LTS	+0.11	UTE	LTE		32	OUTLET	510UL
95	86	29.29	178	P 1	DNT		LTS	+0.11	UTE	LTE		28	OUTLET	510UL
95	87	33.90	180	P 1	DNT		LTS	+0.07	UTE	LTE		32	OUTLET	510UL
95	88	23.08	175	P 1	DNT		LTS	+0.07	UTE	LTE		28	OUTLET	510UL
95	89	18.21	177	P 1	DNT		LTS	+0.11	UTE	LTE		32	OUTLET	510UL
95	90	29.43	175	P 1	DNT		LTS	+0.05	UTE	LTE		28	OUTLET	510UL
95	91	9.10	183	P 1	DNT		LTS	-0.04	UTE	LTE		32	OUTLET	510UL
95	112	0.52	89	3	NQI		011	+32.15	UTE	LTE		28	OUTLET	510UL
		0.63	104	3	NQI		011	+32.14	UTE	LTE		123	OUTLET	510UL
95	115	0.26	96	3	NQI		001	+30.13	UTE	LTE		32	OUTLET	510UL
95	117	0.54	63	3	NQI		014	+10.25	UTE	LTE		32	OUTLET	510UL
96	3	0.40	64	P 1	NQI		004	-0.79	UTE	LTE		117	OUTLET	510UL
96	4	0.70	104	P 1	NQI		004	-0.79	UTE	LTE		121	OUTLET	510UL
96	25	0.35	111	3	NQI		014	+4.45	UTE	LTE		121	OUTLET	510UL
96	39	0.30	88	3	NQI		007	+20.71	UTE	LTE		121	OUTLET	510UL
96	48	9.69	175	P 1	DNT		LTS	+0.00	UTE	LTE		117	OUTLET	510UL
96	49	9.08	181	P 1	DNT		LTS	-0.02	UTE	LTE		121	OUTLET	510UL
96	50	11.67	178	P 1	DNT		LTS	-0.13	UTE	LTE		117	OUTLET	510UL
96	51	12.15	180	P 1	DNT		LTS	+0.09	UTE	LTE		121	OUTLET	510UL
96	52	19.69	179	P 1	DNT		LTS	+0.18	UTE	LTE		117	OUTLET	510UL
96	53	13.29	179	P 1	DNT		LTS	+0.16	UTE	LTE		121	OUTLET	510UL
96	54	15.75	180	P 1	DNT		LTS	+0.13	UTE	LTE		117	OUTLET	510UL
96	55	10.36	175	P 1	DNT		LTS	+0.27	UTE	LTE		146	OUTLET	510UL
96	56	15.15	177	P 1	DNT		LTS	+0.00	UTE	LTE		149	OUTLET	510UL
		16.99	182	P 1	DNT		LTS	+0.45	UTE	LTE		149	OUTLET	510UL
96	57	7.34	178	P 1	DNT		LTS	+0.51	UTE	LTE		146	OUTLET	510UL
		19.98	174	P 1	DNT		LTS	+0.00	UTE	LTE		146	OUTLET	510UL
96	58	25.48	178	P 1	DNT		LTS	+0.00	UTE	LTE		149	OUTLET	510UL
		8.68	181	P 1	DNT		LTS	+0.56	UTE	LTE		149	OUTLET	510UL
96	59	20.44	174	P 1	DNT		LTS	+0.02	UTE	LTE		146	OUTLET	510UL
		9.49	180	P 1	DNT		LTS	+0.62	UTE	LTE		146	OUTLET	510UL
96	60	12.72	182	P 1	DNT		LTS	+0.49	UTE	LTE		149	OUTLET	510UL
		16.13	179	P 1	DNT		LTS	+0.09	UTE	LTE		149	OUTLET	510UL
96	63	0.55	92	3	NQI		014	+10.40	UTE	LTE		149	OUTLET	510UL
96	64	6.68	184	3	DNT		LTS	+0.89	UTE	LTE		146	OUTLET	510UL
96	82	13.33	180	P 1	DNT		LTS	+0.25	UTE	LTE		24	OUTLET	510UL
96	83	34.46	181	P 1	DNT		LTS	+0.13	UTE	LTE		123	OUTLET	510UL
96	85	0.28	80	3	NQI		015	+29.90	UTE	LTE		24	OUTLET	510UL
		40.56	179	P 1	DNT		LTS	+0.07	UTE	LTE		24	OUTLET	510UL
96	86	23.18	178	P 1	DNT		LTS	+0.00	UTE	LTE		24	OUTLET	510UL
96	87	0.53	100	3	NQI		011	+5.25 TO+24.32	UTE	LTE		24	OUTLET	510UL
		16.92	178	P 1	DNT		LTS	+0.05	UTE	LTE		24	OUTLET	510UL
96	88	22.44	174	P 1	DNT		LTS	+0.02	UTE	LTE		24	OUTLET	510UL
96	89	0.82	111	3	NQI		008	+12.03 TO+36.37	UTE	LTE		24	OUTLET	510UL
		21.68	177	P 1	DNT		LTS	+0.00	UTE	LTE		24	OUTLET	510UL
96	90	9.50	176	P 1	DNT		LTS	+0.00	UTE	LTE		24	OUTLET	510UL
96	92	0.31	98	3	NQI		011	+10.51	UTE	LTE		24	OUTLET	510UL
96	95	0.44	103	3	NQI		012	+11.88	UTE	LTE		124	OUTLET	510UL
		0.29	103	3	NQI		012	+10.69	UTE	LTE		124	OUTLET	510UL
		0.31	94	3	NQI		012	+10.29	UTE	LTE		124	OUTLET	510UL
		0.33	90	3	NQI		009	+9.50	UTE	LTE		124	OUTLET	510UL
96	106	0.31	89	3	NQI		013	+23.31	UTE	LTE		123	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
96	115	0.41	108	3	NQI		005	+27.35	UTE	LTE			29	OUTLET	510UL
97	2	0.70	115	P 1	NQI		010	+0.55	UTE	LTE			117	OUTLET	510UL
		0.72	97	P 1	NQI		006	+0.82	UTE	LTE			117	OUTLET	510UL
97	14	17.30	115	3	NQI		013	+18.83	UTE	LTE			117	OUTLET	510UL
97	31	0.43	95	3	NQI		014	+10.16	UTE	LTE			121	OUTLET	510UL
97	32	0.23	78	P 1	NQI		009	-0.11	UTE	LTE			117	OUTLET	510UL
97	33	0.40	106	3	NQI		013	+4.65	UTE	LTE			121	OUTLET	510UL
97	38	0.43	118	3	NQI		LTS	+20.05	UTE	LTE			117	OUTLET	510UL
97	47	6.65	179	P 1	DNT		LTS	+0.00	UTE	LTE			121	OUTLET	510UL
97	48	6.87	175	P 1	DNT		LTS	+0.00	UTE	LTE			117	OUTLET	510UL
97	49	9.46	181	P 1	DNT		LTS	+0.05	UTE	LTE			121	OUTLET	510UL
97	50	20.80	178	P 1	DNT		LTS	+0.09	UTE	LTE			117	OUTLET	510UL
97	51	19.05	181	P 1	DNT		LTS	+0.16	UTE	LTE			121	OUTLET	510UL
97	52	16.10	179	P 1	DNT		LTS	+0.11	UTE	LTE			117	OUTLET	510UL
97	53	16.11	176	P 1	DNT		LTS	+0.11	UTE	LTE			146	OUTLET	510UL
97	54	13.89	177	P 1	DNT		LTS	+0.22	UTE	LTE			146	OUTLET	510UL
97	55	7.21	170	P 1	DNT		LTS	+0.07	UTE	LTE			149	OUTLET	510UL
		12.19	181	P 1	DNT		LTS	+0.38	UTE	LTE			149	OUTLET	510UL
97	56	14.93	175	P 1	DNT		LTS	+0.00	UTE	LTE			146	OUTLET	510UL
		9.80	178	P 1	DNT		LTS	+0.46	UTE	LTE			146	OUTLET	510UL
97	57	9.57	182	P 1	DNT		LTS	+0.53	UTE	LTE			149	OUTLET	510UL
		23.81	177	P 1	DNT		LTS	+0.02	UTE	LTE			149	OUTLET	510UL
97	58	23.98	175	P 1	DNT		LTS	+0.02	UTE	LTE			146	OUTLET	510UL
		7.12	180	P 1	DNT		LTS	+0.56	UTE	LTE			146	OUTLET	510UL
97	59	20.41	179	P 1	DNT		LTS	-0.24	UTE	LTE			149	OUTLET	510UL
		8.93	184	P 1	DNT		LTS	+0.43	UTE	LTE			149	OUTLET	510UL
97	61	8.50	176	P 1	DNT		LTS	+0.16	UTE	LTE			146	OUTLET	510UL
		9.39	182	3	DNT		LTS	+0.76	UTE	LTE			146	OUTLET	510UL
97	64	8.35	181	3	DNT		LTS	+0.83	UTE	LTE			42	OUTLET	510UL
97	65	12.56	179	3	DNT		LTS	+0.74	UTE	LTE			42	OUTLET	510UL
97	76	0.61	71	3	NQI		LTS	+5.87	UTE	LTE			25	OUTLET	510UL
		16.88	179	3	DNT		LTS	+1.02	UTE	LTE			25	OUTLET	510UL
97	77	9.51	184	3	DNT		LTS	+0.91	UTE	LTE			24	OUTLET	510UL
97	78	6.84	181	P 1	DNT		LTS	+0.20	UTE	LTE			25	OUTLET	510UL
		6.19	184	3	DNT		LTS	+0.95	UTE	LTE			25	OUTLET	510UL
97	79	12.51	179	P 1	DNT		LTS	+0.23	UTE	LTE			24	OUTLET	510UL
97	80	14.46	178	P 1	DNT		LTS	+0.34	UTE	LTE			25	OUTLET	510UL
97	81	24.08	179	P 1	DNT		LTS	+0.14	UTE	LTE			24	OUTLET	510UL
97	82	26.66	181	P 1	DNT		LTS	+0.14	UTE	LTE			25	OUTLET	510UL
97	83	34.75	179	P 1	DNT		LTS	-0.13	UTE	LTE			24	OUTLET	510UL
97	84	24.95	181	P 1	DNT		LTS	+0.14	UTE	LTE			25	OUTLET	510UL
97	85	18.19	177	P 1	DNT		LTS	+0.00	UTE	LTE			24	OUTLET	510UL
97	86	16.75	180	P 1	DNT		LTS	+0.14	UTE	LTE			25	OUTLET	510UL
97	87	23.46	176	P 1	DNT		LTS	-0.07	UTE	LTE			24	OUTLET	510UL
		2.27	10	3	NQI		008	+20.23	UTE	LTE			24	OUTLET	510UL
97	88	21.55	177	P 1	DNT		LTS	+0.11	UTE	LTE			25	OUTLET	510UL
		21.21	179	3	DNT		LTE	+17.21	UTE	LTE			25	OUTLET	510UL
97	126	0.38	99	3	NQI		014	+2.88	UTE	LTE			24	OUTLET	510UL
98	3	0.63	105	P 1	NQI		010	+0.59	UTE	LTE			121	OUTLET	510UL
		0.44	97	3	NQI		009	+11.60	UTE	LTE			121	OUTLET	510UL
98	4	0.29	98	3	NQI		010	+4.81	UTE	LTE			117	OUTLET	510UL
98	34	0.28	110	3	NQI		011	+15.21	UTE	LTE			117	OUTLET	510UL
98	48	8.34	176	P 1	DNT		LTS	-0.09	UTE	LTE			117	OUTLET	510UL
98	49	9.71	180	P 1	DNT		LTS	+0.00	UTE	LTE			121	OUTLET	510UL
98	50	15.37	176	P 1	DNT		LTS	+0.07	UTE	LTE			117	OUTLET	510UL
98	51	14.21	178	P 1	DNT		LTS	+0.02	UTE	LTE			121	OUTLET	510UL
98	52	15.65	179	P 1	DNT		LTS	+0.13	UTE	LTE			117	OUTLET	510UL
98	53	10.67	181	P 1	DNT		LTS	+0.14	UTE	LTE			121	OUTLET	510UL
98	54	16.39	179	P 1	DNT		LTS	+0.13	UTE	LTE			117	OUTLET	510UL
98	55	9.61	175	P 1	DNT		LTS	+0.22	UTE	LTE			146	OUTLET	510UL
98	56	10.49	173	P 1	DNT		LTS	+0.07	UTE	LTE			149	OUTLET	510UL
		10.11	183	P 1	DNT		LTS	+0.47	UTE	LTE			149	OUTLET	510UL
98	57	14.06	176	P 1	DNT		LTS	-0.05	UTE	LTE			146	OUTLET	510UL
		6.86	179	P 1	DNT		LTS	+0.45	UTE	LTE			146	OUTLET	510UL
98	58	24.95	178	P 1	DNT		LTS	+0.09	UTE	LTE			149	OUTLET	510UL
		8.98	183	P 1	DNT		LTS	+0.60	UTE	LTE			149	OUTLET	510UL
98	59	31.33	176	P 1	DNT		LTS	+0.04	UTE	LTE			146	OUTLET	510UL
		8.81	179	P 1	DNT		LTS	+0.62	UTE	LTE			146	OUTLET	510UL
98	60	10.94	183	P 1	DNT		LTS	+0.58	UTE	LTE			149	OUTLET	510UL
		31.32	178	P 1	DNT		LTS	+0.07	UTE	LTE			149	OUTLET	510UL
98	61	11.82	179	P 1	DNT		LTS	+0.67	UTE	LTE			151	OUTLET	510UL
		17.64	176	P 1	DNT		LTS	+0.11	UTE	LTE			151	OUTLET	510UL
98	62	8.04	182	P 1	DNT		LTS	+0.15	UTE	LTE			150	OUTLET	510UL
98	63	6.87	182	P 1	DNT		LTS	+0.60	UTE	LTE			151	OUTLET	510UL
98	64	6.63	183	P 1	DNT		LTS	+0.59	UTE	LTE			150	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
98	65	16.67	184	P 1	DNT		LTS	+0.60	UTE	LTE		42	OUTLET	510UL
98	66	10.43	179	P 1	DNT		LTS	+0.70	UTE	LTE		43	OUTLET	510UL
98	76	13.54	185	P 1	DNT		LTS	+0.86	UTE	LTE		23	OUTLET	510UL
98	77	11.24	181	3	DNT		LTS	+0.93	UTE	LTE		24	OUTLET	510UL
		12.30	180	P 1	DNT		LTS	+0.25	UTE	LTE		24	OUTLET	510UL
98	78	20.25	182	P 1	DNT		LTS	+0.22	UTE	LTE		123	OUTLET	510UL
98	79	22.01	180	P 1	DNT		LTS	+0.23	UTE	LTE		24	OUTLET	510UL
98	80	28.90	179	P 1	DNT		LTS	+0.23	UTE	LTE		24	OUTLET	510UL
98	81	28.74	178	P 1	DNT		LTS	+0.27	UTE	LTE		24	OUTLET	510UL
98	82	42.70	179	P 1	DNT		LTS	+0.18	UTE	LTE		24	OUTLET	510UL
98	83	28.84	178	P 1	DNT		LTS	+0.23	UTE	LTE		24	OUTLET	510UL
98	84	26.15	179	P 1	DNT		LTS	+0.11	UTE	LTE		24	OUTLET	510UL
98	85	12.05	178	P 1	DNT		LTS	+0.07	UTE	LTE		24	OUTLET	510UL
98	86	18.00	179	P 1	DNT		LTS	+0.14	UTE	LTE		24	OUTLET	510UL
98	87	31.38	178	P 1	DNT		LTS	+0.13	UTE	LTE		123	OUTLET	510UL
98	88	16.80	176	P 1	DNT		LTS	+0.07	UTE	LTE		24	OUTLET	510UL
98	91	0.54	87	3	NQI		013	+24.76	UTE	LTE		24	OUTLET	510UL
98	102	0.28	79	3	NQI		008	+28.74	UTE	LTE		24	OUTLET	510UL
98	107	0.16	70	3	NQI		012	+14.99	UTE	LTE		24	OUTLET	510UL
		0.19	109	3	NQI		012	+19.57	UTE	LTE		24	OUTLET	510UL
		0.18	103	3	NQI		010	+11.53	UTE	LTE		24	OUTLET	510UL
98	122	0.60	101	3	NQI		014	+1.21	UTE	LTE		25	OUTLET	510UL
99	3	0.53	113	P 1	NQI		010	+0.61	UTE	LTE		118	OUTLET	510UL
		0.73	111	3	NQI		009	+13.17	UTE	LTE		118	OUTLET	510UL
99	11	0.49	103	3	NQI		LTS	+40.47	UTE	LTE		118	OUTLET	510UL
99	14	1.01	84	P 1	NQI		014	+0.76	UTE	LTE		117	OUTLET	510UL
99	44	0.30	104	3	NQI		014	+17.81	UTE	LTE		117	OUTLET	510UL
99	47	7.93	179	P 1	DNT		LTS	-0.04	UTE	LTE		121	OUTLET	510UL
99	48	7.92	178	P 1	DNT		LTS	-0.13	UTE	LTE		117	OUTLET	510UL
99	50	11.49	177	P 1	DNT		LTS	+0.07	UTE	LTE		117	OUTLET	510UL
99	51	15.64	181	P 1	DNT		LTS	+0.09	UTE	LTE		121	OUTLET	510UL
99	52	0.22	108	3	NQI		014	+8.68	UTE	LTE		117	OUTLET	510UL
		15.31	178	P 1	DNT		LTS	+0.11	UTE	LTE		117	OUTLET	510UL
99	53	0.58	89	P 1	NQI		014	-0.20	UTE	LTE		121	OUTLET	510UL
		10.09	180	P 1	DNT		LTS	+0.07	UTE	LTE		121	OUTLET	510UL
99	54	10.94	177	P 1	DNT		LTS	+0.11	UTE	LTE		117	OUTLET	510UL
99	55	11.73	176	P 1	DNT		LTS	+0.22	UTE	LTE		151	OUTLET	510UL
99	56	0.47	113	3	NQI		010	+32.17	UTE	LTE		151	OUTLET	510UL
		13.60	178	P 1	DNT		LTS	+0.33	UTE	LTE		151	OUTLET	510UL
99	57	19.25	179	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
		11.23	181	P 1	DNT		LTS	+0.38	UTE	LTE		150	OUTLET	510UL
99	58	7.81	177	P 1	DNT		LTS	+0.49	UTE	LTE		151	OUTLET	510UL
		25.55	174	P 1	DNT		LTS	+0.07	UTE	LTE		151	OUTLET	510UL
99	59	14.04	184	P 1	DNT		LTS	+0.60	UTE	LTE		150	OUTLET	510UL
		29.30	183	P 1	DNT		LTS	+0.07	UTE	LTE		150	OUTLET	510UL
99	60	22.83	175	P 1	DNT		LTS	+0.04	UTE	LTE		151	OUTLET	510UL
		12.03	178	3	DNT		LTS	+0.62	UTE	LTE		151	OUTLET	510UL
		0.61	84	3	NQI		011	+19.01	UTE	LTE		151	OUTLET	510UL
99	61	23.76	182	P 1	DNT		LTS	+0.04	UTE	LTE		150	OUTLET	510UL
		11.79	184	P 1	DNT		LTS	+0.59	UTE	LTE		150	OUTLET	510UL
99	62	10.23	177	P 1	DNT		LTS	+0.55	UTE	LTE		151	OUTLET	510UL
99	63	18.07	184	P 1	DNT		LTS	+0.57	UTE	LTE		150	OUTLET	510UL
99	64	14.49	184	P 1	DNT		LTS	+0.56	UTE	LTE		42	OUTLET	510UL
99	65	9.57	185	P 1	DNT		LTS	+0.58	UTE	LTE		42	OUTLET	510UL
99	75	17.32	177	3	DNT		LTS	+0.79	UTE	LTE		24	OUTLET	510UL
		9.03	181	P 1	DNT		LTS	+0.20	UTE	LTE		24	OUTLET	510UL
99	76	9.35	181	P 1	DNT		LTS	+0.00	UTE	LTE		23	OUTLET	510UL
		10.56	184	P 1	DNT		LTS	+0.79	UTE	LTE		23	OUTLET	510UL
99	77	35.63	179	P 1	DNT		LTS	+0.29	UTE	LTE		24	OUTLET	510UL
99	78	40.34	179	P 1	DNT		LTS	+0.00	UTE	LTE		23	OUTLET	510UL
99	79	36.40	177	P 1	DNT		LTS	+0.23	UTE	LTE		24	OUTLET	510UL
99	80	41.70	182	P 1	DNT		LTS	+0.13	UTE	LTE		23	OUTLET	510UL
99	81	34.66	179	P 1	DNT		LTS	+0.09	UTE	LTE		24	OUTLET	510UL
99	82	30.26	180	P 1	DNT		LTS	+0.00	UTE	LTE		23	OUTLET	510UL
99	83	26.25	179	P 1	DNT		LTS	+0.16	UTE	LTE		24	OUTLET	510UL
99	84	12.24	181	P 1	DNT		LTS	+0.00	UTE	LTE		23	OUTLET	510UL
99	85	23.39	179	P 1	DNT		LTS	+0.32	UTE	LTE		24	OUTLET	510UL
99	86	47.18	180	P 1	DNT		LTS	+0.09	UTE	LTE		23	OUTLET	510UL
99	87	17.57	175	P 1	DNT		LTS	+0.20	UTE	LTE		24	OUTLET	510UL
99	97	0.48	91	3	NQI		LTS	+33.15	UTE	LTE		19	OUTLET	510UL
99	124	0.68	84	3	NQI		008	+1.36	UTE	LTE		20	OUTLET	510UL
99	126	0.42	111	3	NQI		LTS	+0.82	UTE	LTE		20	OUTLET	510UL
100	7	0.40	82	3	NQI		010	+4.52	UTE	LTE		117	OUTLET	510UL
100	47	7.48	175	P 1	DNT		LTS	-0.08	UTE	LTE		117	OUTLET	510UL
100	48	10.49	180	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
100	49	0.36	99	3	NQI		006 +29.48	UTE	LTE			117	OUTLET	510UL
		13.25	176	P 1	DNT		LTS -0.17	UTE	LTE			117	OUTLET	510UL
100	50	0.32	76	3	NQI		011 +22.96	UTE	LTE			118	OUTLET	510UL
		0.42	108	3	NQI		002 +33.54	UTE	LTE			118	OUTLET	510UL
		11.68	180	P 1	DNT		LTS +0.00	UTE	LTE			118	OUTLET	510UL
100	51	10.40	86	6	ADI		LTS +21.82 TO+29.77	UTE	LTE			117	OUTLET	510UL
		16.20	178	P 1	DNT		LTS +0.13	UTE	LTE			117	OUTLET	510UL
100	52	14.33	179	P 1	DNT		LTS +0.00	UTE	LTE			118	OUTLET	510UL
100	53	12.89	177	P 1	DNT		LTS +0.17	UTE	LTE			117	OUTLET	510UL
100	54	13.65	175	P 1	DNT		LTS +0.07	UTE	LTE			151	OUTLET	510UL
100	55	15.35	182	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
100	56	23.05	175	P 1	DNT		LTS +0.24	UTE	LTE			151	OUTLET	510UL
100	57	18.65	180	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
100	58	8.04	180	P 1	DNT		LTS +0.51	UTE	LTE			151	OUTLET	510UL
		13.69	173	P 1	DNT		LTS +0.04	UTE	LTE			151	OUTLET	510UL
100	59	18.50	181	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
		10.72	184	P 1	DNT		LTS +0.57	UTE	LTE			150	OUTLET	510UL
100	60	17.94	173	P 1	DNT		LTS +0.09	UTE	LTE			151	OUTLET	510UL
100	61	13.06	179	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
100	62	11.91	178	P 1	DNT		LTS +0.64	UTE	LTE			151	OUTLET	510UL
		14.12	174	P 1	DNT		LTS +0.13	UTE	LTE			151	OUTLET	510UL
100	63	11.30	180	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
		17.22	182	P 1	DNT		LTS +0.60	UTE	LTE			150	OUTLET	510UL
100	64	6.22	184	P 1	DNT		LTS +0.11	UTE	LTE			42	OUTLET	510UL
		9.64	184	P 1	DNT		LTS +0.58	UTE	LTE			42	OUTLET	510UL
100	65	0.53	79	3	NQI		007 +32.16	UTE	LTE			43	OUTLET	510UL
		8.49	182	P 1	DNT		LTS +0.54	UTE	LTE			43	OUTLET	510UL
100	72	0.49	68	P 1	NQI		004 -0.31	UTE	LTE			16	OUTLET	510UL
100	73	6.25	175	3	DNT		LTS +0.72	UTE	LTE			123	OUTLET	510UL
		9.53	183	P 1	DNT		LTS +0.18	UTE	LTE			123	OUTLET	510UL
		0.31	103	3	NQI		002 +31.42	UTE	LTE			123	OUTLET	510UL
100	74	7.72	176	3	DNT		LTS +0.74	UTE	LTE			16	OUTLET	510UL
		19.88	183	P 1	DNT		LTS +0.22	UTE	LTE			16	OUTLET	510UL
		0.23	80	3	NQI		013 +20.03	UTE	LTE			16	OUTLET	510UL
100	75	23.37	183	P 1	DNT		LTS +0.13	UTE	LTE			123	OUTLET	510UL
100	76	41.02	182	P 1	DNT		LTS +0.11	UTE	LTE			16	OUTLET	510UL
100	77	49.84	181	P 1	DNT		LTS +0.11	UTE	LTE			123	OUTLET	510UL
100	78	64.65	182	P 1	DNT		LTS +0.09	UTE	LTE			16	OUTLET	510UL
100	79	40.38	181	P 1	DNT		LTS +0.09	UTE	LTE			123	OUTLET	510UL
100	80	45.29	182	P 1	DNT		LTS +0.02	UTE	LTE			16	OUTLET	510UL
100	81	22.92	179	P 1	DNT		LTS +0.02	UTE	LTE			123	OUTLET	510UL
100	82	22.05	179	P 1	DNT		LTS +0.20	UTE	LTE			16	OUTLET	510UL
100	83	22.52	182	P 1	DNT		LTS +0.11	UTE	LTE			123	OUTLET	510UL
100	84	45.58	181	P 1	DNT		LTS +0.05	UTE	LTE			16	OUTLET	510UL
100	85	37.72	182	P 1	DNT		LTS +0.13	UTE	LTE			123	OUTLET	510UL
100	86	14.32	179	P 1	DNT		LTS -0.02	UTE	LTE			16	OUTLET	510UL
100	87	6.44	179	P 1	DNT		LTS -0.17	UTE	LTE			123	OUTLET	510UL
100	121	0.32	83	3	NQI		013 +12.29	UTE	LTE			20	OUTLET	510UL
101	6	0.38	104	3	NQI		008 +22.51	UTE	LTE			117	OUTLET	510UL
101	16	0.45	102	3	NQI		009 +20.35	UTE	LTE			118	OUTLET	510UL
101	33	0.36	101	3	NQI		012 +1.39	UTE	LTE			117	OUTLET	510UL
101	37	0.35	105	3	NQI		LTS +27.74	UTE	LTE			117	OUTLET	510UL
101	48	8.29	177	P 1	DNT		LTS +0.00	UTE	LTE			118	OUTLET	510UL
101	49	14.64	179	P 1	DNT		LTS +0.02	UTE	LTE			117	OUTLET	510UL
101	50	17.10	180	P 1	DNT		LTS +0.00	UTE	LTE			118	OUTLET	510UL
101	51	15.54	178	P 1	DNT		LTS +0.09	UTE	LTE			117	OUTLET	510UL
101	52	12.26	178	P 1	DNT		LTS +0.00	UTE	LTE			118	OUTLET	510UL
101	53	13.83	179	P 1	DNT		LTS +0.11	UTE	LTE			117	OUTLET	510UL
101	54	12.41	177	P 1	DNT		LTS +0.09	UTE	LTE			151	OUTLET	510UL
101	55	0.25	93	3	NQI		015 +5.96	UTE	LTE			151	OUTLET	510UL
		21.90	176	P 1	DNT		LTS +0.18	UTE	LTE			151	OUTLET	510UL
101	56	10.71	177	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
		11.94	181	P 1	DNT		LTS +0.38	UTE	LTE			150	OUTLET	510UL
101	57	14.12	173	P 1	DNT		LTS +0.04	UTE	LTE			151	OUTLET	510UL
101	58	24.29	180	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
		14.96	183	P 1	DNT		LTS +0.46	UTE	LTE			150	OUTLET	510UL
101	59	13.07	178	P 1	DNT		LTS +0.56	UTE	LTE			151	OUTLET	510UL
		25.94	174	P 1	DNT		LTS +0.07	UTE	LTE			151	OUTLET	510UL
101	60	23.53	178	P 1	DNT		LTS +0.00	UTE	LTE			150	OUTLET	510UL
		12.84	182	P 1	DNT		LTS +0.55	UTE	LTE			150	OUTLET	510UL
101	61	6.57	179	P 1	DNT		LTS +0.60	UTE	LTE			151	OUTLET	510UL
		18.73	173	P 1	DNT		LTS +0.09	UTE	LTE			151	OUTLET	510UL
101	62	17.84	176	P 1	DNT		LTS +0.07	UTE	LTE			150	OUTLET	510UL
		12.59	181	P 1	DNT		LTS +0.60	UTE	LTE			150	OUTLET	510UL
101	63	23.27	180	P 1	DNT		LTS +0.09	UTE	LTE			42	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
===	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		13.04	183	P 1	DNT		LTS	+0.58	UTE	LTE		42	OUTLET	510UL
101	64	12.41	184	P 1	DNT		LTS	+0.62	UTE	LTE		42	OUTLET	510UL
		7.41	176	P 1	DNT		LTS	+0.09	UTE	LTE		42	OUTLET	510UL
101	65	12.52	183	P 1	DNT		LTS	+0.53	UTE	LTE		42	OUTLET	510UL
101	66	0.25	98	3	NQI		006	+26.01	UTE	LTE		43	OUTLET	510UL
		9.46	179	P 1	DNT		LTS	+0.54	UTE	LTE		43	OUTLET	510UL
101	67	6.55	185	P 1	DNT		LTS	+0.56	UTE	LTE		42	OUTLET	510UL
101	70	1.03	111	P 1	NQI		LTS	-0.04	UTE	LTE		16	OUTLET	510UL
101	72	18.86	181	P 1	DNT		LTS	+0.11	UTE	LTE		16	OUTLET	510UL
101	73	40.96	183	P 1	DNT		LTS	+0.17	UTE	LTE		99	OUTLET	510UL
101	75	32.48	181	P 1	DNT		LTS	+0.11	UTE	LTE		16	OUTLET	510UL
101	76	36.15	181	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
101	77	42.71	181	P 1	DNT		LTS	-0.07	UTE	LTE		16	OUTLET	510UL
101	78	35.67	181	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
101	79	38.63	183	P 1	DNT		LTS	+0.09	UTE	LTE		16	OUTLET	510UL
101	80	31.69	182	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
101	81	32.88	182	P 1	DNT		LTS	+0.14	UTE	LTE		16	OUTLET	510UL
101	82	42.60	183	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
101	83	36.06	182	P 1	DNT		LTS	+0.14	UTE	LTE		16	OUTLET	510UL
101	84	25.19	182	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
101	85	13.09	183	P 1	DNT		LTS	-0.02	UTE	LTE		16	OUTLET	510UL
101	111	0.37	60	P 1	NQI		006	-0.45	UTE	LTE		16	OUTLET	510UL
101	123	0.39	95	P 1	NQI		010	+0.45	UTE	LTE		16	OUTLET	510UL
101	124	0.57	69	P 1	NQI		009	-0.33	UTE	LTE		99	OUTLET	510UL
102	14	0.30	94	3	NQI		014	+20.84	UTE	LTE		118	OUTLET	510UL
		0.22	108	3	NQI		014	+8.98	UTE	LTE		118	OUTLET	510UL
		0.22	99	3	NQI		014	+4.88	UTE	LTE		118	OUTLET	510UL
102	47	6.35	178	P 1	DNT		LTS	-0.04	UTE	LTE		117	OUTLET	510UL
102	48	10.80	178	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL
102	49	0.26	104	3	NQI		012	+11.14	UTE	LTE		117	OUTLET	510UL
		14.75	176	P 1	DNT		LTS	+0.04	UTE	LTE		117	OUTLET	510UL
102	50	15.53	180	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL
102	51	16.28	178	P 1	DNT		LTS	+0.07	UTE	LTE		117	OUTLET	510UL
102	52	11.39	177	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL
102	53	18.96	179	P 1	DNT		LTS	+0.11	UTE	LTE		117	OUTLET	510UL
102	54	22.50	177	P 1	DNT		LTS	+0.13	UTE	LTE		151	OUTLET	510UL
102	55	23.26	183	P 1	DNT		LTS	+0.22	UTE	LTE		150	OUTLET	510UL
102	56	16.39	173	P 1	DNT		LTS	+0.20	UTE	LTE		151	OUTLET	510UL
102	57	16.83	181	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
		9.11	182	P 1	DNT		LTS	+0.40	UTE	LTE		150	OUTLET	510UL
102	58	17.72	173	P 1	DNT		LTS	-0.02	UTE	LTE		151	OUTLET	510UL
		14.97	178	P 1	DNT		LTS	+0.45	UTE	LTE		151	OUTLET	510UL
102	59	22.48	181	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
		18.13	182	P 1	DNT		LTS	+0.46	UTE	LTE		150	OUTLET	510UL
102	60	27.93	174	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
		14.81	178	P 1	DNT		LTS	+0.51	UTE	LTE		151	OUTLET	510UL
102	61	24.71	179	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
		0.39	107	3	NQI		015	+29.98	UTE	LTE		150	OUTLET	510UL
102	62	22.00	176	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
102	63	25.19	180	P 1	DNT		LTS	+0.13	UTE	LTE		42	OUTLET	510UL
102	64	6.09	178	P 1	DNT		LTS	+0.54	UTE	LTE		43	OUTLET	510UL
		16.25	182	P 1	DNT		LTS	+0.09	UTE	LTE		43	OUTLET	510UL
102	65	12.83	182	P 1	DNT		LTS	+0.16	UTE	LTE		42	OUTLET	510UL
102	66	8.80	179	P 1	DNT		LTS	+0.11	UTE	LTE		43	OUTLET	510UL
102	67	12.30	182	P 1	DNT		LTS	+0.18	UTE	LTE		42	OUTLET	510UL
102	68	13.18	181	P 1	DNT		LTS	+0.13	UTE	LTE		12	OUTLET	510UL
		6.95	175	3	DNT		LTS	+0.61	UTE	LTE		12	OUTLET	510UL
102	69	7.34	181	P 1	DNT		LTS	+0.16	UTE	LTE		15	OUTLET	510UL
102	70	7.73	177	P 1	DNT		LTS	+0.18	UTE	LTE		12	OUTLET	510UL
102	71	12.60	178	P 1	DNT		LTS	+0.11	UTE	LTE		15	OUTLET	510UL
102	72	32.64	182	P 1	DNT		LTS	+0.00	UTE	LTE		12	OUTLET	510UL
102	73	50.26	181	P 1	DNT		LTS	+0.25	UTE	LTE		15	OUTLET	510UL
102	74	36.38	179	P 1	DNT		LTS	+0.09	UTE	LTE		12	OUTLET	510UL
102	75	34.58	179	P 1	DNT		LTS	+0.18	UTE	LTE		15	OUTLET	510UL
102	76	28.98	179	P 1	DNT		LTS	+0.18	UTE	LTE		15	OUTLET	510UL
102	77	31.83	179	P 1	DNT		LTS	+0.09	UTE	LTE		15	OUTLET	510UL
102	78	33.33	180	P 1	DNT		LTS	+0.05	UTE	LTE		15	OUTLET	510UL
102	79	21.45	178	P 1	DNT		LTS	+0.02	UTE	LTE		15	OUTLET	510UL
102	80	36.57	180	P 1	DNT		LTS	+0.14	UTE	LTE		15	OUTLET	510UL
102	81	0.27	95	3	NQI		010	+14.27	UTE	LTE		15	OUTLET	510UL
		0.41	108	3	NQI		010	+13.12	UTE	LTE		15	OUTLET	510UL
		51.66	181	P 1	DNT		LTS	+0.09	UTE	LTE		15	OUTLET	510UL
102	82	37.41	180	P 1	DNT		LTS	+0.14	UTE	LTE		15	OUTLET	510UL
102	83	17.21	180	P 1	DNT		LTS	+0.07	UTE	LTE		15	OUTLET	510UL
102	84	10.42	181	P 1	DNT		LTS	-0.02	UTE	LTE		15	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
102	87	0.34	113	3	NQI		004	+13.35	UTE	LTE		15	OUTLET	510UL
102	92	0.27	84	3	NQI		006	+28.04	UTE	LTE		16	OUTLET	510UL
102	102	0.28	108	3	NQI		014	+19.97	UTE	LTE		16	OUTLET	510UL
102	105	0.49	79	3	NQI		004	+26.83	UTE	LTE		15	OUTLET	510UL
102	109	0.43	100	3	NQI		012	+4.66	UTE	LTE		15	OUTLET	510UL
		0.42	92	3	NQI		LTS	+19.93	UTE	LTE		15	OUTLET	510UL
102	113	0.25	80	3	NQI		011	+29.56	UTE	LTE		99	OUTLET	510UL
102	122	0.54	96	P 1	NQI		010	-0.72	UTE	LTE		16	OUTLET	510UL
103	3	1.73	103	P 1	NQI		010	+0.59	UTE	LTE		109	OUTLET	510UL
103	13	1.52	107	3	NQI		LTS	+20.90	UTE	LTE	TO+29.58	109	OUTLET	510UL
103	17	0.43	99	P 1	NQI		004	-0.83	UTE	LTE		109	OUTLET	510UL
103	21	0.17	97	3	NQI		011	+2.26	UTE	LTE		109	OUTLET	510UL
103	36	18.22	107	3	NQI		LTS	+22.22	UTE	LTE	TO+29.54	117	OUTLET	510UL
103	49	9.69	181	P 1	DNT		LTS	-0.16	UTE	LTE		118	OUTLET	510UL
103	50	17.38	179	P 1	DNT		LTS	+0.00	UTE	LTE		117	OUTLET	510UL
103	51	0.28	96	3	NQI		008	+35.41	UTE	LTE		118	OUTLET	510UL
		0.25	95	3	NQI		008	+24.15	UTE	LTE		118	OUTLET	510UL
		20.47	180	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL
103	52	14.47	179	P 1	DNT		LTS	+0.07	UTE	LTE		117	OUTLET	510UL
103	53	15.37	179	P 1	DNT		LTS	+0.00	UTE	LTE		118	OUTLET	510UL
		0.36	104	3	NQI		LTS	+10.07	UTE	LTE		118	OUTLET	510UL
103	54	21.75	177	P 1	DNT		LTS	+0.09	UTE	LTE		117	OUTLET	510UL
103	55	23.23	178	P 1	DNT		LTS	+0.13	UTE	LTE		151	OUTLET	510UL
103	56	30.43	182	P 1	DNT		LTS	-0.13	UTE	LTE		150	OUTLET	510UL
103	57	15.57	175	P 1	DNT		LTS	+0.20	UTE	LTE		151	OUTLET	510UL
103	58	14.89	178	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
103	59	13.05	172	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
103	60	30.00	178	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
		10.22	183	P 1	DNT		LTS	+0.42	UTE	LTE		150	OUTLET	510UL
103	61	17.37	174	P 1	DNT		LTS	+0.07	UTE	LTE		151	OUTLET	510UL
103	62	40.19	179	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
103	63	27.71	180	P 1	DNT		LTS	+0.07	UTE	LTE		42	OUTLET	510UL
103	64	23.46	181	P 1	DNT		LTS	+0.11	UTE	LTE		42	OUTLET	510UL
103	65	23.36	179	P 1	DNT		LTS	+0.09	UTE	LTE		42	OUTLET	510UL
103	66	19.72	178	P 1	DNT		LTS	+0.04	UTE	LTE		43	OUTLET	510UL
103	67	20.55	180	P 1	DNT		LTS	+0.16	UTE	LTE		42	OUTLET	510UL
103	68	32.85	179	P 1	DNT		LTS	+0.07	UTE	LTE		43	OUTLET	510UL
103	69	31.31	181	P 1	DNT		LTS	+0.07	UTE	LTE		12	OUTLET	510UL
		10.61	176	3	DNT		LTS	+0.63	UTE	LTE		12	OUTLET	510UL
103	70	7.39	184	P 1	DNT		LTS	+0.58	UTE	LTE		12	OUTLET	510UL
		16.88	178	P 1	DNT		LTS	+0.04	UTE	LTE		12	OUTLET	510UL
103	71	20.53	179	P 1	DNT		LTS	+0.02	UTE	LTE		12	OUTLET	510UL
103	72	0.49	107	3	NQI		004	+9.54	UTE	LTE		12	OUTLET	510UL
		32.34	180	P 1	DNT		LTS	+0.04	UTE	LTE		12	OUTLET	510UL
103	73	23.40	180	P 1	DNT		LTS	+0.07	UTE	LTE		12	OUTLET	510UL
103	74	21.11	180	P 1	DNT		LTS	+0.11	UTE	LTE		12	OUTLET	510UL
103	75	26.16	178	P 1	DNT		LTS	+0.09	UTE	LTE		12	OUTLET	510UL
103	76	36.25	179	P 1	DNT		LTS	+0.16	UTE	LTE		12	OUTLET	510UL
103	77	35.50	179	P 1	DNT		LTS	+0.09	UTE	LTE		12	OUTLET	510UL
103	78	36.77	179	P 1	DNT		LTS	+0.45	UTE	LTE		12	OUTLET	510UL
103	79	53.56	181	P 1	DNT		LTS	+0.07	UTE	LTE		12	OUTLET	510UL
103	80	41.00	181	P 1	DNT		LTS	+0.11	UTE	LTE		12	OUTLET	510UL
103	81	48.99	181	P 1	DNT		LTS	+0.11	UTE	LTE		12	OUTLET	510UL
103	82	27.27	181	P 1	DNT		LTS	+0.09	UTE	LTE		12	OUTLET	510UL
103	83	12.45	180	P 1	DNT		LTS	-0.04	UTE	LTE		12	OUTLET	510UL
103	84	6.74	181	P 1	DNT		LTS	-0.13	UTE	LTE		12	OUTLET	510UL
103	104	0.59	104	3	NQI		002	+34.17	UTE	LTE		12	OUTLET	510UL
103	111	0.76	98	P 1	NQI		013	+0.74	UTE	LTE		12	OUTLET	510UL
103	123	0.52	115	3	NQI		012	+16.52	UTE	LTE		12	OUTLET	510UL
103	124	8.38	186	P 1	DNT		UTS	+0.00	UTE	LTE		12	OUTLET	510UL
104	3	0.16	85	3	NQI		010	+13.47	UTE	LTE		109	OUTLET	510UL
104	12	0.54	110	P 1	NQI		008	-0.81	UTE	LTE		109	OUTLET	510UL
104	14	0.30	110	3	NQI		014	+29.33	UTE	LTE		109	OUTLET	510UL
104	49	8.78	177	P 1	DNT		LTS	+0.00	UTE	LTE		109	OUTLET	510UL
104	50	17.61	180	P 1	DNT		LTS	+0.00	UTE	LTE		109	OUTLET	510UL
104	52	20.21	179	P 1	DNT		LTS	+0.00	UTE	LTE		109	OUTLET	510UL
104	53	13.81	178	P 1	DNT		LTS	+0.00	UTE	LTE		109	OUTLET	510UL
104	54	17.86	180	P 1	DNT		LTS	+0.00	UTE	LTE		109	OUTLET	510UL
104	55	24.96	174	P 1	DNT		LTS	+0.09	UTE	LTE		151	OUTLET	510UL
104	56	32.45	183	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
104	57	0.27	74	3	NQI		010	+13.29	UTE	LTE		151	OUTLET	510UL
		20.02	173	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
104	58	17.60	179	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
104	59	13.70	170	P 1	DNT		LTS	+0.02	UTE	LTE		151	OUTLET	510UL
104	60	17.35	177	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
104	61	0.63	102	3	NQI		015	+30.35	UTE	LTE			151	OUTLET	510UL
		23.65	172	P 1	DNT		LTS	+0.04	UTE	LTE			151	OUTLET	510UL
104	62	39.69	179	P 1	DNT		LTS	+0.00	UTE	LTE			150	OUTLET	510UL
104	63	24.82	179	P 1	DNT		LTS	+0.00	UTE	LTE			42	OUTLET	510UL
104	64	25.71	178	P 1	DNT		LTS	+0.04	UTE	LTE			43	OUTLET	510UL
104	65	24.47	180	P 1	DNT		LTS	+0.07	UTE	LTE			42	OUTLET	510UL
104	66	27.64	178	P 1	DNT		LTS	+0.07	UTE	LTE			43	OUTLET	510UL
		6.46	177	P 1	DNT		LTS	+0.47	UTE	LTE			43	OUTLET	510UL
104	67	30.11	180	P 1	DNT		LTS	+0.00	UTE	LTE			42	OUTLET	510UL
104	68	12.29	181	P 1	DNT		LTS	+0.45	UTE	LTE			8	OUTLET	510UL
		22.10	179	P 1	DNT		LTS	+0.07	UTE	LTE			8	OUTLET	510UL
104	69	6.46	182	P 1	DNT		LTS	+0.38	UTE	LTE			8	OUTLET	510UL
		15.16	178	P 1	DNT		LTS	-0.02	UTE	LTE			8	OUTLET	510UL
104	70	6.23	182	P 1	DNT		LTS	+0.36	UTE	LTE			8	OUTLET	510UL
		13.99	177	P 1	DNT		LTS	-0.07	UTE	LTE			8	OUTLET	510UL
104	71	15.09	179	P 1	DNT		LTS	-0.02	UTE	LTE			12	OUTLET	510UL
		8.86	181	P 1	DNT		LTS	+0.38	UTE	LTE			12	OUTLET	510UL
104	72	41.46	181	P 1	DNT		LTS	-0.02	UTE	LTE			12	OUTLET	510UL
104	73	18.15	178	P 1	DNT		LTS	+0.13	UTE	LTE			12	OUTLET	510UL
104	75	40.19	180	P 1	DNT		LTS	+0.16	UTE	LTE			12	OUTLET	510UL
104	76	42.89	180	P 1	DNT		LTS	+0.11	UTE	LTE			12	OUTLET	510UL
104	77	51.91	180	P 1	DNT		LTS	+0.09	UTE	LTE			12	OUTLET	510UL
104	78	50.88	181	P 1	DNT		LTS	+0.00	UTE	LTE			12	OUTLET	510UL
104	79	46.60	180	P 1	DNT		LTS	+0.11	UTE	LTE			12	OUTLET	510UL
104	80	32.60	180	P 1	DNT		LTS	+0.00	UTE	LTE			12	OUTLET	510UL
104	81	13.95	179	P 1	DNT		LTS	-0.04	UTE	LTE			12	OUTLET	510UL
104	82	10.77	182	P 1	DNT		LTS	-0.22	UTE	LTE			12	OUTLET	510UL
104	102	0.36	96	3	NQI		012	+20.82	UTE	LTE			12	OUTLET	510UL
104	112	0.42	94	P 1	NQI		015	+0.02	UTE	LTE			12	OUTLET	510UL
		0.49	99	P 1	NQI		015	+0.40	UTE	LTE			12	OUTLET	510UL
104	120	1.28	97	P 1	NQI		009	-0.64	UTE	LTE			12	OUTLET	510UL
104	122	0.67	110	P 1	NQI		010	-0.60	UTE	LTE			12	OUTLET	510UL
104	123	7.12	10	P 1	NQI		UTS	-0.29	UTE	LTE			12	OUTLET	510UL
105	15	0.19	90	3	NQI		014	+1.19	UTE	LTE			109	OUTLET	510UL
105	17	4.61	116	3	NQI		LTS	+21.58	UTE	LTE			109	OUTLET	510UL
105	21	0.56	89	P 1	NQI		LTS	-0.36	UTE	LTE			109	OUTLET	510UL
105	35	0.29	99	3	NQI		009	+5.72	UTE	LTE			109	OUTLET	510UL
105	49	10.75	180	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	50	19.77	180	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	51	21.42	179	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	52	16.44	180	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	53	14.95	180	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	54	20.34	179	P 1	DNT		LTS	+0.00	UTE	LTE			109	OUTLET	510UL
105	55	22.26	176	P 1	DNT		LTS	+0.09	UTE	LTE			151	OUTLET	510UL
105	56	12.75	172	P 1	DNT		LTS	+0.13	UTE	LTE			151	OUTLET	510UL
105	57	20.02	183	P 1	DNT		LTS	+0.00	UTE	LTE			150	OUTLET	510UL
105	58	15.45	177	P 1	DNT		LTS	+0.11	UTE	LTE			151	OUTLET	510UL
105	59	13.48	182	P 1	DNT		LTS	+0.00	UTE	LTE			150	OUTLET	510UL
105	60	20.21	172	P 1	DNT		LTS	+0.09	UTE	LTE			151	OUTLET	510UL
105	61	17.69	178	P 1	DNT		LTS	+0.00	UTE	LTE			150	OUTLET	510UL
105	62	19.31	179	P 1	DNT		LTS	+0.00	UTE	LTE			42	OUTLET	510UL
105	63	19.28	180	P 1	DNT		LTS	-0.02	UTE	LTE			42	OUTLET	510UL
105	64	12.68	177	P 1	DNT		LTS	+0.02	UTE	LTE			42	OUTLET	510UL
105	65	21.40	174	P 1	DNT		LTS	+0.00	UTE	LTE			43	OUTLET	510UL
105	66	23.01	178	P 1	DNT		LTS	-0.05	UTE	LTE			8	OUTLET	510UL
105	67	23.15	179	P 1	DNT		LTS	+0.04	UTE	LTE			8	OUTLET	510UL
105	68	6.33	359	P 1	DNT		LTS	+0.36	UTE	LTE			8	OUTLET	510UL
		14.33	178	P 1	DNT		LTS	+0.02	UTE	LTE			8	OUTLET	510UL
105	69	10.89	181	P 1	DNT		LTS	+0.38	UTE	LTE			8	OUTLET	510UL
		7.72	178	P 1	DNT		LTS	+0.02	UTE	LTE			8	OUTLET	510UL
105	70	10.45	182	P 1	DNT		LTS	+0.40	UTE	LTE			8	OUTLET	510UL
		8.20	177	P 1	DNT		LTS	-0.02	UTE	LTE			8	OUTLET	510UL
105	71	12.05	179	P 1	DNT		LTS	+0.34	UTE	LTE			8	OUTLET	510UL
		10.13	172	P 1	DNT		LTS	+0.02	UTE	LTE			8	OUTLET	510UL
105	72	26.92	178	P 1	DNT		LTS	+0.18	UTE	LTE			8	OUTLET	510UL
105	73	33.16	178	P 1	DNT		LTS	+0.13	UTE	LTE			8	OUTLET	510UL
105	74	26.39	180	P 1	DNT		LTS	+0.04	UTE	LTE			8	OUTLET	510UL
105	75	40.34	180	P 1	DNT		LTS	+0.11	UTE	LTE			8	OUTLET	510UL
105	76	44.65	179	P 1	DNT		LTS	+0.13	UTE	LTE			8	OUTLET	510UL
105	78	40.48	181	P 1	DNT		LTS	+0.02	UTE	LTE			8	OUTLET	510UL
105	79	19.79	180	P 1	DNT		LTS	-0.28	UTE	LTE			8	OUTLET	510UL
		7.75	181	3	DNT		LTE	+2.26	UTE	LTE			8	OUTLET	510UL
105	103	0.41	81	3	NQI		015	+37.15	UTE	LTE			8	OUTLET	510UL
105	105	0.41	78	3	NQI		015	+15.41	UTE	LTE			8	OUTLET	510UL
105	108	0.30	98	3	NQI		010	+11.83	UTE	LTE			8	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		14.04	179	3	DNT		LTE	+6.07	UTE	LTE		8	OUTLET	510UL
106	49	10.71	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	50	12.12	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	51	24.16	179	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	52	22.40	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	53	18.54	179	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	54	13.16	177	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	55	19.64	175	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
106	56	18.71	172	P 1	DNT		LTS	+0.11	UTE	LTE		151	OUTLET	510UL
106	57	32.10	182	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
106	58	9.53	175	P 1	DNT		LTS	-0.02	UTE	LTE		151	OUTLET	510UL
106	59	13.65	180	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
106	62	10.73	169	P 1	DNT		LTS	+0.16	UTE	LTE		8	OUTLET	510UL
106	63	13.03	181	P 1	DNT		LTS	+0.16	UTE	LTE		8	OUTLET	510UL
106	64	14.85	178	P 1	DNT		LTS	+0.07	UTE	LTE		8	OUTLET	510UL
106	65	17.49	180	P 1	DNT		LTS	+0.22	UTE	LTE		8	OUTLET	510UL
106	66	7.63	183	P 1	DNT		LTS	+0.23	UTE	LTE		8	OUTLET	510UL
106	67	13.23	177	P 1	DNT		LTS	+0.22	UTE	LTE		8	OUTLET	510UL
106	68	14.68	168	P 1	DNT		LTS	+0.13	UTE	LTE		8	OUTLET	510UL
106	69	21.65	175	P 1	DNT		LTS	+0.09	UTE	LTE		8	OUTLET	510UL
106	70	26.84	174	P 1	DNT		LTS	+0.07	UTE	LTE		8	OUTLET	510UL
106	71	22.22	181	P 1	DNT		LTS	+0.04	UTE	LTE		8	OUTLET	510UL
106	72	25.91	179	P 1	DNT		LTS	+0.11	UTE	LTE		8	OUTLET	510UL
106	73	25.19	180	P 1	DNT		LTS	+0.11	UTE	LTE		8	OUTLET	510UL
106	74	22.47	174	P 1	DNT		LTS	+0.04	UTE	LTE		8	OUTLET	510UL
106	75	19.53	175	P 1	DNT		LTS	-0.37	UTE	LTE		8	OUTLET	510UL
106	76	9.62	171	P 1	DNT		LTS	-0.37	UTE	LTE		8	OUTLET	510UL
106	82	0.26	101	3	NQI		015	+20.83	UTE	LTE		8	OUTLET	510UL
106	84	0.28	99	3	NQI		009	+27.49	UTE	LTE		8	OUTLET	510UL
106	105	0.37	90	3	NQI		011	+14.90	UTE	LTE		8	OUTLET	510UL
106	110	0.22	84	P 1	NQI		015	-0.02	UTE	LTE		8	OUTLET	510UL
107	45	0.24	95	P 1	NQI		007	-0.47	UTE	LTE		105	OUTLET	510UL
107	46	0.30	95	3	NQI		013	+3.35	UTE	LTE		105	OUTLET	510UL
107	48	0.29	95	3	NQI		007	+3.99	UTE	LTE		105	OUTLET	510UL
107	50	8.97	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	51	13.53	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	52	15.16	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	53	8.07	179	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	54	10.91	173	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	55	14.12	177	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	56	9.78	177	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	57	12.58	176	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
107	58	0.84	102	3	NQI		LTS	+4.16	UTE	LTE		105	OUTLET	510UL
		11.08	177	P 1	DNT		LTS	+0.07	UTE	LTE		105	OUTLET	510UL
107	59	15.36	174	P 1	DNT		LTS	+0.07	UTE	LTE		151	OUTLET	510UL
107	60	15.33	180	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
107	61	0.44	93	3	NQI		014	+7.05	UTE	LTE		8	OUTLET	510UL
		0.46	94	3	NQI		014	+6.28	UTE	LTE		8	OUTLET	510UL
		0.31	95	3	NQI		012	+31.63	UTE	LTE		8	OUTLET	510UL
		12.17	173	P 1	DNT		LTS	-0.07	UTE	LTE		8	OUTLET	510UL
		0.95	113	3	NQI		004	+6.27	UTE	LTE		8	OUTLET	510UL
107	62	16.35	178	P 1	DNT		LTS	+0.00	UTE	LTE		8	OUTLET	510UL
107	63	17.15	177	P 1	DNT		LTS	+0.04	UTE	LTE		8	OUTLET	510UL
107	65	18.16	189	P 1	DNT		LTS	+0.11	UTE	LTE		8	OUTLET	510UL
107	66	15.90	184	P 1	DNT		LTS	+0.11	UTE	LTE		8	OUTLET	510UL
107	67	20.04	185	P 1	DNT		LTS	+0.16	UTE	LTE		8	OUTLET	510UL
107	68	10.60	178	P 1	DNT		LTS	+0.13	UTE	LTE		8	OUTLET	510UL
107	69	8.56	183	P 1	DNT		LTS	+0.18	UTE	LTE		8	OUTLET	510UL
107	70	14.67	174	P 1	DNT		LTS	+0.11	UTE	LTE		8	OUTLET	510UL
107	71	19.02	180	P 1	DNT		LTS	+0.07	UTE	LTE		8	OUTLET	510UL
107	72	14.83	181	P 1	DNT		LTS	+0.09	UTE	LTE		8	OUTLET	510UL
107	73	12.82	179	P 1	DNT		LTS	+0.07	UTE	LTE		8	OUTLET	510UL
107	74	18.43	176	P 1	DNT		LTS	+0.00	UTE	LTE		8	OUTLET	510UL
107	75	11.45	172	P 1	DNT		LTS	+0.02	UTE	LTE		8	OUTLET	510UL
107	76	6.25	165	P 1	DNT		LTS	+0.05	UTE	LTE		8	OUTLET	510UL
107	78	10.02	179	3	DNT		LTE	+3.73	UTE	LTE		8	OUTLET	510UL
107	104	0.29	83	3	NQI		009	+3.81	UTE	LTE		8	OUTLET	510UL
		7.43	178	3	DNT		LTE	+6.31	UTE	LTE		8	OUTLET	510UL
107	107	0.26	103	3	NQI		011	+22.67	UTE	LTE		8	OUTLET	510UL
107	117	0.30	112	P 1	NQI		010	-0.11	UTE	LTE		8	OUTLET	510UL
107	118	7.08	180	3	DNT		LTE	+6.03	UTE	LTE		8	OUTLET	510UL
		8.53	179	3	DNT		LTE	+4.62	UTE	LTE		8	OUTLET	510UL
		14.40	180	3	DNT		LTE	+3.52	UTE	LTE		8	OUTLET	510UL
107	120	1.54	78	3	NQI		014	+33.44	UTE	LTE		8	OUTLET	510UL
		0.47	91	3	NQI		014	+33.02	UTE	LTE		8	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.57	91	3	NQI		014	+32.35	UTE	LTE		8	OUTLET	510UL
		0.24	85	3	NQI		010	+10.81	UTE	LTE		8	OUTLET	510UL
		0.34	103	3	NQI		002	+10.74	UTE	LTE		8	OUTLET	510UL
108 4		0.75	101	P 1	NQI		009	-0.59	LTE	UTE		79	INLET	510UL
108 15		0.36	99	3	NQI		015	+14.72	LTE	UTE		79	INLET	510UL
108 41		0.57	69	3	NQI		012	+8.72	UTE	LTE		105	OUTLET	510UL
108 50		8.07	178	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
108 51		12.92	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
108 52		11.30	180	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
108 53		12.58	176	P 1	DNT		LTS	-0.02	UTE	LTE		105	OUTLET	510UL
108 54		10.14	172	P 1	DNT		LTS	+0.00	UTE	LTE		105	OUTLET	510UL
108 55		12.76	180	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
108 56		9.26	180	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
108 57		7.41	183	P 1	DNT		LTS	+0.14	UTE	LTE		100	OUTLET	510UL
108 58		11.72	182	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
108 59		9.91	178	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
108 60		8.70	181	P 1	DNT		LTS	+0.00	UTE	LTE		150	OUTLET	510UL
108 61		8.22	178	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
108 62		10.55	178	P 1	DNT		LTS	+0.00	UTE	LTE		7	OUTLET	510UL
108 63		22.98	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
108 64		21.03	177	P 1	DNT		LTS	+0.07	UTE	LTE		7	OUTLET	510UL
108 65		17.81	180	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
108 66		14.34	179	P 1	DNT		LTS	+0.02	UTE	LTE		7	OUTLET	510UL
108 67		10.63	178	P 1	DNT		LTS	-0.07	UTE	LTE		6	OUTLET	510UL
108 68		8.08	176	P 1	DNT		LTS	+0.00	UTE	LTE		7	OUTLET	510UL
108 69		15.06	177	P 1	DNT		LTS	-0.02	UTE	LTE		6	OUTLET	510UL
108 70		18.92	173	P 1	DNT		LTS	+0.02	UTE	LTE		7	OUTLET	510UL
108 71		18.77	177	P 1	DNT		LTS	-0.04	UTE	LTE		6	OUTLET	510UL
108 72		19.26	175	P 1	DNT		LTS	+0.05	UTE	LTE		7	OUTLET	510UL
108 73		17.61	179	P 1	DNT		LTS	-0.04	UTE	LTE		6	OUTLET	510UL
108 74		6.14	180	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
108 91		0.54	99	3	NQI		015	+24.93	UTE	LTE		8	OUTLET	510UL
		0.32	92	3	NQI		012	+8.33	UTE	LTE		8	OUTLET	510UL
		0.59	100	3	NQI		009	+7.64	UTE	LTE		8	OUTLET	510UL
108 100		0.36	64	P 1	NQI		010	-0.20	UTE	LTE		8	OUTLET	510UL
108 108		0.31	76	3	NQI		013	+15.02	UTE	LTE		8	OUTLET	510UL
108 111		13.77	66	P 1	TWD	75	010	+0.75	UTE	LTE		9	OUTLET	510UL
109 4		0.44	59	P 1	NQI		015	-0.71	LTE	UTE		79	INLET	510UL
109 45		6.03	179	P 1	DNT		LTS	+0.02	LTE	UTE		79	INLET	510UL
109 50		7.39	180	P 1	DNT		LTS	+0.07	LTE	UTE		79	INLET	510UL
		0.24	88	3	NQI		010	+14.41	LTE	UTE		79	INLET	510UL
		0.40	86	3	NQI		010	+25.51	LTE	UTE		79	INLET	510UL
		0.41	98	3	NQI		011	+12.14	LTE	UTE		79	INLET	510UL
		0.19	100	P 1	NQI		015	+0.39	LTE	UTE		79	INLET	510UL
109 51		10.43	175	P 1	DNT		LTS	+0.07	LTE	UTE		79	INLET	510UL
109 52		13.59	177	P 1	DNT		LTS	+0.07	LTE	UTE		79	INLET	510UL
109 53		10.75	172	P 1	DNT		LTS	+0.16	LTE	UTE		79	INLET	510UL
109 54		8.45	179	P 1	DNT		LTS	+0.13	LTE	UTE		79	INLET	510UL
		0.55	99	3	NQI		012	+33.64	LTE	UTE		79	INLET	510UL
		0.36	90	3	NQI		006	+32.43	LTE	UTE		79	INLET	510UL
109 55		8.95	185	P 1	DNT		LTS	+0.16	LTE	UTE		79	INLET	510UL
109 56		9.61	182	P 1	DNT		LTS	+0.13	LTE	UTE		79	INLET	510UL
109 57		11.83	180	P 1	DNT		LTS	+0.07	LTE	UTE		79	INLET	510UL
109 58		0.54	99	3	NQI		013	+14.92	LTE	UTE		79	INLET	510UL
		9.23	181	P 1	DNT		LTS	+0.02	LTE	UTE		79	INLET	510UL
109 59		6.92	170	P 1	DNT		LTS	+0.07	LTE	UTE		79	INLET	510UL
109 60		7.29	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 61		7.53	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 62		17.40	178	P 1	DNT		LTS	-0.02	UTE	LTE		7	OUTLET	510UL
109 63		10.96	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 64		25.57	177	P 1	DNT		LTS	+0.02	UTE	LTE		7	OUTLET	510UL
109 65		20.39	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 66		23.08	177	P 1	DNT		LTS	+0.05	UTE	LTE		7	OUTLET	510UL
109 67		13.66	179	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 68		11.99	178	P 1	DNT		LTS	-0.02	UTE	LTE		7	OUTLET	510UL
109 69		15.59	178	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 70		13.55	175	P 1	DNT		LTS	+0.05	UTE	LTE		7	OUTLET	510UL
109 71		13.19	180	P 1	DNT		LTS	+0.00	UTE	LTE		6	OUTLET	510UL
109 72		9.74	178	P 1	DNT		LTS	+0.00	UTE	LTE		7	OUTLET	510UL
109 78		0.31	95	3	NQI		008	+12.43	UTE	LTE		7	OUTLET	510UL
109 88		0.60	88	3	NQI		002	+13.73	UTE	LTE		7	OUTLET	510UL
109 93		6.00	90	6	ADI		001	+12.41	UTE	LTE		6	OUTLET	510UL
109 107		0.34	95	3	NQI		015	+2.61	UTE	LTE		6	OUTLET	510UL
109 110		0.22	112	3	NQI		010	+23.27	UTE	LTE		7	OUTLET	510UL
		0.33	107	3	NQI		010	+21.88	UTE	LTE		7	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.32	104	3	TWD	24	010	+18.62	UTE	LTE		7	OUTLET	510UL
		0.25	87	3	NQI		011	+3.34	UTE	LTE		7	OUTLET	510UL
109	112	0.49	103	3	NQI		010	+1.19	UTE	LTE		6	OUTLET	510UL
		0.28	99	P 1	NQI		012	+0.94	UTE	LTE		6	OUTLET	510UL
109	113	0.31	93	3	NQI		002	+27.85	UTE	LTE		6	OUTLET	510UL
		0.20	97	3	NQI		010	+28.49	UTE	LTE		6	OUTLET	510UL
109	117	10.31	180	3	DNT		LTE	+2.64	UTE	LTE		6	OUTLET	510UL
110	7	0.34	77	P 1	NQI		014	+0.17	UTE	LTE		93	OUTLET	510UL
110	45	6.44	180	P 1	DNT		LTS	-0.04	UTE	LTE		94	OUTLET	510UL
110	51	6.37	180	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
110	52	6.42	176	P 1	DNT		LTS	+0.00	UTE	LTE		94	OUTLET	510UL
110	53	7.63	178	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
110	54	8.50	179	P 1	DNT		LTS	-0.15	UTE	LTE		94	OUTLET	510UL
110	55	0.27	112	3	NQI		008	+4.23	UTE	LTE		93	OUTLET	510UL
		8.30	180	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
110	56	6.60	178	P 1	DNT		LTS	-0.11	UTE	LTE		94	OUTLET	510UL
110	57	8.92	178	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
110	58	0.33	108	3	NQI		015	+14.53	UTE	LTE		94	OUTLET	510UL
		0.36	98	3	NQI		007	+8.44	UTE	LTE		94	OUTLET	510UL
110	62	14.59	183	3	DNT		007	+18.21	UTE	LTE		62	OUTLET	510UL
		7.53	180	P 1	DNT		LTS	-0.06	UTE	LTE		62	OUTLET	510UL
110	63	6.95	172	P 1	DNT		LTS	-0.04	UTE	LTE		63	OUTLET	510UL
110	64	12.87	180	P 1	DNT		LTS	-0.19	UTE	LTE		62	OUTLET	510UL
110	65	17.18	176	P 1	DNT		LTS	-0.02	UTE	LTE		63	OUTLET	510UL
110	66	11.56	180	P 1	DNT		LTS	-0.11	UTE	LTE		62	OUTLET	510UL
110	67	7.89	175	P 1	DNT		LTS	-0.22	UTE	LTE		63	OUTLET	510UL
110	68	7.65	178	P 1	DNT		LTS	-0.30	UTE	LTE		62	OUTLET	510UL
110	69	6.76	169	P 1	DNT		LTS	-0.33	UTE	LTE		63	OUTLET	510UL
110	105	0.79	82	P 1	TWD	46	014	+1.02	UTE	LTE		62	OUTLET	510UL
110	117	18.50	186	P 1	DNT		UTS	+0.04	UTE	LTE		63	OUTLET	510UL
		12.99	189	P 1	DNT		015	+0.36	UTE	LTE		63	OUTLET	510UL
		2.67	63	6	ADI		015	+32.48	UTE	LTE		63	OUTLET	510UL
111	2	0.24	83	3	NQI		011	+10.56	UTE	LTE		93	OUTLET	510UL
111	11	0.28	63	3	NQI		002	+14.07	UTE	LTE		93	OUTLET	510UL
111	53	7.33	180	P 1	DNT		LTS	+0.02	UTE	LTE		93	OUTLET	510UL
111	54	7.10	181	P 1	DNT		LTS	-0.20	UTE	LTE		94	OUTLET	510UL
111	55	6.93	178	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
111	58	6.08	175	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
		0.49	70	P 1	NQI		015	+1.00	UTE	LTE		93	OUTLET	510UL
111	59	6.02	177	P 1	DNT		LTS	-0.24	UTE	LTE		62	OUTLET	510UL
111	63	6.24	174	P 1	DNT		LTS	-0.25	UTE	LTE		62	OUTLET	510UL
111	65	6.03	178	P 1	DNT		LTS	-0.30	UTE	LTE		62	OUTLET	510UL
111	85	1.14	118	3	NQI		UTS	+14.05	UTE	LTE		62	OUTLET	510UL
111	111	1.52	87	P 1	TWD	34	012	+1.02	UTE	LTE		62	OUTLET	510UL
111	116	10.34	11	P 1	BLG		UTS	-0.20	UTE	LTE		63	OUTLET	510UL
112	2	0.19	107	3	NQI		002	+33.80	UTE	LTE		93	OUTLET	510UL
		7.02	175	3	DNT		LTE	+10.59	UTE	LTE		93	OUTLET	510UL
112	16	0.30	92	3	NQI		012	+22.72	UTE	LTE		94	OUTLET	510UL
112	18	0.33	97	3	NQI		011	+8.99	UTE	LTE		94	OUTLET	510UL
112	25	0.25	91	P 1	NQI		015	+0.17	UTE	LTE		93	OUTLET	510UL
112	49	6.24	179	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
112	53	7.47	179	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
112	55	6.24	178	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
112	60	6.67	178	P 1	DNT		LTS	-0.22	UTE	LTE		62	OUTLET	510UL
112	112	0.38	111	3	NQI		012	+1.05	UTE	LTE		63	OUTLET	510UL
112	116	0.61	99	P 1	NQI		014	-1.04	UTE	LTE		62	OUTLET	510UL
113	2	0.24	109	3	NQI		012	+24.44	UTE	LTE		94	OUTLET	510UL
		13.83	183	3	DNT		LTE	+5.43	UTE	LTE		94	OUTLET	510UL
		14.27	184	3	DNT		LTE	+3.28	UTE	LTE		94	OUTLET	510UL
113	27	0.33	96	3	NQI		014	+3.88	UTE	LTE		93	OUTLET	510UL
113	34	1.18	19	P 1	NQI		010	-0.16	UTE	LTE		94	OUTLET	510UL
113	35	0.31	94	3	NQI		011	+4.84	UTE	LTE		93	OUTLET	510UL
113	44	0.29	84	3	NQI		008	+27.82	UTE	LTE		94	OUTLET	510UL
113	53	7.66	180	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
113	55	6.02	177	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
113	57	6.98	179	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
113	59	7.00	173	P 1	DNT		LTS	-0.02	UTE	LTE		62	OUTLET	510UL
113	63	6.28	176	P 1	DNT		LTS	-0.28	UTE	LTE		62	OUTLET	510UL
113	93	0.23	105	3	NQI		012	+19.45	UTE	LTE		63	OUTLET	510UL
113	95	0.42	89	3	NQI		009	+2.02	UTE	LTE		63	OUTLET	510UL
113	103	0.53	96	P 1	NQI		014	+0.71	UTE	LTE		63	OUTLET	510UL
113	112	0.34	85	P 1	NQI		012	+1.08	UTE	LTE		62	OUTLET	510UL
114	1	7.87	178	3	DNT		LTE	+10.93	UTE	LTE		94	OUTLET	510UL
114	2	0.31	106	3	NQI		015	+39.22	UTE	LTE		93	OUTLET	510UL
114	4	0.33	104	3	NQI		011	+11.18	UTE	LTE		94	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
114	6	0.29	102	3	NQI		014	+31.44	UTE	LTE		94	OUTLET	510UL
114	21	0.29	93	3	NQI		010	+30.57	UTE	LTE		94	OUTLET	510UL
114	47	0.47	54	P 1	NQI		004	-0.18	UTE	LTE		94	OUTLET	510UL
114	51	8.48	183	3	DNT		001	+6.34	UTE	LTE		94	OUTLET	510UL
114	52	0.38	39	P 1	NQI		014	+0.28	UTE	LTE		93	OUTLET	510UL
		0.37	80	P 1	NQI		014	+0.57	UTE	LTE		93	OUTLET	510UL
114	56	6.47	179	P 1	DNT		LTS	+0.00	UTE	LTE		93	OUTLET	510UL
114	58	6.64	181	P 1	DNT		LTS	-0.04	UTE	LTE		93	OUTLET	510UL
114	59	6.07	179	P 1	DNT		LTS	-0.02	UTE	LTE		62	OUTLET	510UL
114	62	0.44	104	3	NQI		015	+39.67	UTE	LTE		63	OUTLET	510UL
114	95	0.33	103	3	NQI		015	+29.66	UTE	LTE		63	OUTLET	510UL
114	102	9.55	181	3	DNT		LTE	+4.72	UTE	LTE		62	OUTLET	510UL
114	103	0.66	95	P 1	NQI		014	+0.99	UTE	LTE		63	OUTLET	510UL
114	110	0.48	104	P 1	NQI		009	-0.62	UTE	LTE		62	OUTLET	510UL
114	114	0.60	69	P 1	NQI		010	+0.62	UTE	LTE		58	OUTLET	510UL
		0.45	85	P 1	NQI		014	+0.77	UTE	LTE		58	OUTLET	510UL
114	115	0.65	110	3	NQI		010	+7.84	UTE	LTE		59	OUTLET	510UL
115	13	0.19	104	3	NQI		015	+3.29	UTE	LTE		94	OUTLET	510UL
		0.20	68	P 1	NQI		014	+0.16	UTE	LTE		94	OUTLET	510UL
115	46	19.56	179	3	DNT		LTE	+4.61	UTE	LTE		93	OUTLET	510UL
115	56	6.44	179	P 1	DNT		LTS	-0.04	UTE	LTE		93	OUTLET	510UL
115	61	0.62	93	P 1	NQI		004	-0.70	UTE	LTE		58	OUTLET	510UL
115	66	0.47	102	3	NQI		010	+26.17	UTE	LTE		59	OUTLET	510UL
115	102	0.66	83	3	NQI		002	+10.13	UTE	LTE		58	OUTLET	510UL
115	114	6.03	172	3	DNT		LTS	+0.69	UTE	LTE		59	OUTLET	510UL
116	21	0.64	86	P 1	NQI		014	+0.45	UTE	LTE		93	OUTLET	510UL
116	77	0.34	77	3	NQI		003	+21.19	UTE	LTE		59	OUTLET	510UL
116	98	0.48	110	3	NQI		007	+34.14	UTE	LTE		58	OUTLET	510UL
116	104	0.44	102	3	NQI		012	+6.12	UTE	LTE		58	OUTLET	510UL
116	107	0.53	91	P 1	NQI		009	-0.59	UTE	LTE		58	OUTLET	510UL
116	111	9.39	195	P 1	DNT		UTS	+0.04	UTE	LTE		58	OUTLET	510UL
117	10	0.26	86	3	NQI		010	+4.30	UTE	LTE		92	OUTLET	510UL
117	20	0.68	82	P 1	NQI		015	+0.46	UTE	LTE		123	OUTLET	510UL
117	45	0.25	84	3	NQI		015	+18.00	UTE	LTE		91	OUTLET	510UL
117	49	0.67	73	P 1	NQI		015	+0.72	UTE	LTE		91	OUTLET	510UL
117	89	0.75	84	P 1	NQI		015	+0.40	UTE	LTE		58	OUTLET	510UL
117	90	1.03	79	P 1	NQI		015	+0.53	UTE	LTE		58	OUTLET	510UL
117	107	0.40	112	3	NQI		010	+19.49	UTE	LTE		59	OUTLET	510UL
118	3	0.53	77	P 1	NQI		009	-0.70	UTE	LTE		92	OUTLET	510UL
118	20	0.38	87	P 1	NQI		UTS	+3.09	UTE	LTE		91	OUTLET	510UL
118	21	0.44	101	3	NQI		010	+14.27	UTE	LTE		92	OUTLET	510UL
118	77	0.26	75	3	NQI		015	+30.51	UTE	LTE		59	OUTLET	510UL
118	83	0.32	91	3	NQI		008	+36.70	UTE	LTE		59	OUTLET	510UL
118	90	0.50	74	3	NQI		011	+32.85	UTE	LTE		58	OUTLET	510UL
118	100	0.53	75	3	NQI		010	+14.05	UTE	LTE		58	OUTLET	510UL
118	101	0.59	80	P 1	NQI		009	-0.74	UTE	LTE		59	OUTLET	510UL
118	105	0.41	105	3	TWD	20	012	+26.43	UTE	LTE		58	OUTLET	510UL
119	19	0.21	94	3	NQI		011	+36.19	UTE	LTE		90	OUTLET	510UL
119	24	0.39	96	3	NQI		008	+6.59	UTE	LTE		89	OUTLET	510UL
119	44	0.22	91	3	NQI		013	+2.65	UTE	LTE		92	OUTLET	510UL
119	45	0.40	103	3	NQI		006	+29.71	UTE	LTE		91	OUTLET	510UL
119	55	0.60	75	P 1	NQI		003	+0.51	UTE	LTE		58	OUTLET	510UL
119	84	0.31	93	3	NQI		001	+7.04	UTE	LTE		58	OUTLET	510UL
119	99	0.43	98	P 1	NQI		008	+0.54	UTE	LTE		59	OUTLET	510UL
120	5	0.33	101	3	NQI		014	+33.07	UTE	LTE		89	OUTLET	510UL
120	49	0.30	85	3	NQI		008	+18.56	UTE	LTE		86	OUTLET	510UL
120	55	0.36	84	3	NQI		012	+5.38	UTE	LTE		58	OUTLET	510UL
		0.57	62	3	NQI		011	+2.51	UTE	LTE		58	OUTLET	510UL
		0.30	84	3	NQI		010	+19.41	UTE	LTE		58	OUTLET	510UL
120	58	0.28	107	3	NQI		012	+23.73	UTE	LTE		59	OUTLET	510UL
		0.30	82	3	NQI		012	+23.24	UTE	LTE		59	OUTLET	510UL
120	69	0.52	105	3	NQI		003	+35.98	UTE	LTE		58	OUTLET	510UL
121	5	0.84	119	P 1	NQI		010	+0.50	UTE	LTE		85	OUTLET	510UL
121	21	0.42	87	3	NQI		010	+8.30	UTE	LTE		85	OUTLET	510UL
		0.27	85	3	NQI		008	+7.02	UTE	LTE		85	OUTLET	510UL
121	33	0.26	111	3	NQI		007	+25.01	UTE	LTE		85	OUTLET	510UL
121	41	0.70	66	P 1	NQI		UTS	+15.67	UTE	LTE		85	OUTLET	510UL
121	42	0.36	98	3	NQI		007	+34.84	UTE	LTE		86	OUTLET	510UL
121	45	0.24	75	P 1	NQI		014	+0.20	UTE	LTE		85	OUTLET	510UL
121	48	0.98	83	P 1	NQI		LTS	-0.33	UTE	LTE		86	OUTLET	510UL
121	50	0.40	90	3	NQI		002	+10.07	UTE	LTE		86	OUTLET	510UL
121	54	0.52	56	P 1	NQI		003	+1.12	UTE	LTE		58	OUTLET	510UL
121	66	0.29	91	3	NQI		009	+6.26	UTE	LTE		58	OUTLET	510UL
121	79	0.40	83	3	NQI		006	+36.37	UTE	LTE		59	OUTLET	510UL
121	80	0.20	67	P 1	NQI		014	+1.50	UTE	LTE		58	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.40	101	3	NQI		011	+20.31	UTE	LTE			58	OUTLET 510UL
121	81	0.39	85	3	NQI		006	+31.82	UTE	LTE			59	OUTLET 510UL
121	83	8.62	182	3	DNT		LTE	+9.90	UTE	LTE			59	OUTLET 510UL
		11.97	182	3	DNT		LTE	+7.76	UTE	LTE			59	OUTLET 510UL
		21.83	184	3	DNT		LTE	+1.89	UTE	LTE			59	OUTLET 510UL
		15.69	181	3	DNT		LTE	+1.33	UTE	LTE			59	OUTLET 510UL
121	85	10.55	183	3	DNT		LTE	+4.02	UTE	LTE			59	OUTLET 510UL
		18.76	182	3	DNT		LTE	+2.94	UTE	LTE			59	OUTLET 510UL
		9.53	187	3	DNT		LTE	+2.32	UTE	LTE			59	OUTLET 510UL
		40.36	189	3	DNT		LTE	+1.59	UTE	LTE			59	OUTLET 510UL
121	87	0.25	96	3	NQI		011	+16.86	UTE	LTE			59	OUTLET 510UL
121	101	0.95	85	P 1	NQI		013	+0.88	UTE	LTE			58	OUTLET 510UL
		16.71	182	3	DNT		LTE	+3.26	UTE	LTE			58	OUTLET 510UL
		16.51	182	3	DNT		LTE	+1.56	UTE	LTE			58	OUTLET 510UL
122	4	0.84	99	3	NQI		014	+32.96	UTE	LTE			86	OUTLET 510UL
		0.45	107	3	NQI		014	+31.78	UTE	LTE			86	OUTLET 510UL
122	8	0.28	90	3	NQI		LTS	+40.06	UTE	LTE			86	OUTLET 510UL
122	18	0.30	73	3	NQI		007	+24.82	UTE	LTE			81	OUTLET 510UL
122	37	0.30	100	3	NQI		LTS	+36.62	UTE	LTE			82	OUTLET 510UL
122	56	0.28	95	3	NQI		007	+15.54	UTE	LTE			58	OUTLET 510UL
122	77	0.22	75	3	NQI		001	+15.92	UTE	LTE			59	OUTLET 510UL
122	79	0.31	111	3	NQI		015	+19.43	UTE	LTE			59	OUTLET 510UL
122	85	0.48	89	P 1	NQI		003	-0.81	UTE	LTE			59	OUTLET 510UL
122	92	0.37	70	3	NQI		013	+24.50	UTE	LTE			58	OUTLET 510UL
122	93	0.27	73	3	NQI		011	+9.91	UTE	LTE			59	OUTLET 510UL
122	94	0.32	79	3	NQI		011	+6.12	UTE	LTE			58	OUTLET 510UL
122	99	0.38	100	3	NQI		008	+27.38	UTE	LTE			59	OUTLET 510UL
		0.36	111	3	NQI		008	+25.92	UTE	LTE			59	OUTLET 510UL
122	101	0.34	48	3	NQI		011	+15.82	UTE	LTE			59	OUTLET 510UL
123	1	1.26	20	6	ADI		014	+31.05	UTE	LTE			81	OUTLET 510UL
123	5	0.34	96	3	NQI		002	+22.08	UTE	LTE			81	OUTLET 510UL
123	29	0.50	71	P 1	NQI		015	+0.56	UTE	LTE			81	OUTLET 510UL
		0.35	73	3	NQI		012	+7.65	UTE	LTE			81	OUTLET 510UL
123	55	0.41	111	3	NQI		006	+12.93	UTE	LTE			58	OUTLET 510UL
123	86	0.33	106	3	NQI		015	+27.44	UTE	LTE			58	OUTLET 510UL
123	88	0.38	113	3	NQI		008	+32.83	UTE	LTE			58	OUTLET 510UL
123	90	0.86	98	3	NQI		UTS	+1.35	UTE	LTE			58	OUTLET 510UL
123	95	0.25	68	3	NQI		014	+30.78	UTE	LTE			59	OUTLET 510UL
123	102	0.72	111	3	NQI		014	+29.54	UTE	LTE			58	OUTLET 510UL
		0.29	85	3	NQI		014	+11.05	UTE	LTE			58	OUTLET 510UL
123	104	19.21	180	3	DNT		LTS	+1.01	UTE	LTE			59	OUTLET 510UL
124	1	0.66	91	P 1	NQI		015	+0.27	UTE	LTE			81	OUTLET 510UL
124	4	0.84	115	P 1	NQI		010	+0.59	UTE	LTE			81	OUTLET 510UL
		0.23	91	3	NQI		LTS	+32.78	UTE	LTE			81	OUTLET 510UL
124	45	0.27	95	3	NQI		015	+38.49	UTE	LTE			82	OUTLET 510UL
		0.45	73	3	NQI		015	+39.31	UTE	LTE			82	OUTLET 510UL
124	58	0.35	69	3	NQI		012	+27.67	UTE	LTE			59	OUTLET 510UL
124	72	0.29	103	3	NQI		011	+20.07	UTE	LTE			58	OUTLET 510UL
124	73	3.66	107	3	NQI		LTS	+24.30	UTE	LTE			59	OUTLET 510UL
124	76	0.29	108	3	NQI		005	+21.30	UTE	LTE			58	OUTLET 510UL
124	85	0.69	98	P 1	NQI		003	-0.76	UTE	LTE			59	OUTLET 510UL
124	90	0.31	81	3	NQI		010	+8.92	UTE	LTE			59	OUTLET 510UL
124	93	1.26	108	3	NQI		LTS	+24.15	UTE	LTE			59	OUTLET 510UL
124	99	0.26	104	3	NQI		011	+9.95	UTE	LTE			55	OUTLET 510UL
124	101	12.36	179	3	DNT		LTS	+1.10	UTE	LTE			55	OUTLET 510UL
125	4	0.99	93	P 1	NQI		010	+0.54	UTE	LTE			81	OUTLET 510UL
125	10	0.42	79	P 1	NQI		001	-0.84	UTE	LTE			81	OUTLET 510UL
125	36	0.41	78	P 1	NQI		015	+0.59	UTE	LTE			82	OUTLET 510UL
125	45	0.51	44	3	NQI		003	+32.84	UTE	LTE			81	OUTLET 510UL
125	50	0.57	93	3	NQI		010	+33.12	UTE	LTE			82	OUTLET 510UL
125	65	0.29	88	3	NQI		013	+28.33	UTE	LTE			54	OUTLET 510UL
125	75	0.41	79	3	NQI		009	+19.69	UTE	LTE			54	OUTLET 510UL
125	80	0.26	106	3	NQI		008	+18.65	UTE	LTE			55	OUTLET 510UL
125	86	0.47	109	3	NQI		001	+10.09	UTE	LTE			55	OUTLET 510UL
125	95	0.23	96	P 1	NQI		015	+0.15	UTE	LTE			54	OUTLET 510UL
125	99	0.42	92	3	NQI		010	+24.85	UTE	LTE			124	OUTLET 510UL
		0.42	84	3	NQI		010	+23.75	UTE	LTE			124	OUTLET 510UL
		0.61	97	3	NQI		010	+23.44	UTE	LTE			124	OUTLET 510UL
		25.49	183	3	DNT		LTE	+1.88	UTE	LTE			124	OUTLET 510UL
		0.46	83	P 1	NQI		011	+0.65	UTE	LTE			124	OUTLET 510UL
		9.73	181	3	DNT		LTE	+5.98	UTE	LTE			124	OUTLET 510UL
125	100	31.71	179	3	DNT		LTS	+1.34	UTE	LTE			55	OUTLET 510UL
126	2	0.40	59	P 1	NQI		UTS	+11.86	UTE	LTE			82	OUTLET 510UL
126	4	0.77	121	P 1	NQI		010	+0.57	UTE	LTE			82	OUTLET 510UL
126	5	0.88	102	P 1	NQI		010	+0.56	UTE	LTE			81	OUTLET 510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
126	91	0.47	47	P 1	NQI		013	+0.98	UTE	LTE		55	OUTLET	510UL
126	97	0.47	43	P 1	NQI		008	+0.61	UTE	LTE		55	OUTLET	510UL
127	3	0.33	84	3	NQI		013	+1.07	UTE	LTE		75	OUTLET	510UL
		1.38	106	P 1	NQI		015	-0.36	UTE	LTE		75	OUTLET	510UL
127	5	1.36	100	P 1	NQI		010	+0.59	UTE	LTE		75	OUTLET	510UL
127	27	0.23	86	3	NQI		012	+34.89	UTE	LTE		75	OUTLET	510UL
127	30	0.36	124	P 1	NQI		014	+0.41	UTE	LTE		74	OUTLET	510UL
		6.04	180	3	DNT		015	+27.76	UTE	LTE		74	OUTLET	510UL
127	35	0.54	97	P 1	NQI		009	-0.82	UTE	LTE		75	OUTLET	510UL
127	44	0.31	77	3	NQI		001	+14.76	UTE	LTE		74	OUTLET	510UL
127	65	0.26	62	3	NQI		009	+5.05	UTE	LTE		55	OUTLET	510UL
		0.23	96	3	NQI		008	+22.51	UTE	LTE		55	OUTLET	510UL
127	75	0.38	93	3	NQI		002	+33.09	UTE	LTE		55	OUTLET	510UL
		0.27	69	3	NQI		013	+24.33	UTE	LTE		55	OUTLET	510UL
127	92	0.44	121	P 1	NQI		009	+0.49	UTE	LTE		54	OUTLET	510UL
128	4	0.43	68	P 1	NQI		010	+0.33	UTE	LTE		74	OUTLET	510UL
128	9	65.75	176	3	DNT		002	+35.29	LTE	UTE		158	INLET	500UL
128	18	12.47	188	3	DNT		LTS	+23.95	UTE	LTE		74	OUTLET	510UL
128	20	0.30	75	3	NQI		009	+28.14	UTE	LTE		74	OUTLET	510UL
128	36	0.37	80	3	NQI		015	+21.40	UTE	LTE		74	OUTLET	510UL
128	42	0.56	109	3	TWD 8		015	+40.92	UTE	LTE		74	OUTLET	510UL
128	60	0.75	82	P 1	NQI		LTS	-0.31	UTE	LTE		54	OUTLET	510UL
128	70	1.28	53	3	NQI		008	+1.09	UTE	LTE		54	OUTLET	510UL
128	74	0.33	89	3	NQI		014	+33.45	UTE	LTE		54	OUTLET	510UL
128	89	0.37	94	3	NQI		012	+27.39	UTE	LTE		55	OUTLET	510UL
128	93	8.26	181	3	DNT		LTE	+2.81	UTE	LTE		55	OUTLET	510UL
129	1	0.30	85	3	NQI		014	+31.05	UTE	LTE		75	OUTLET	510UL
129	25	0.72	102	P 1	NQI		015	-0.93	UTE	LTE		75	OUTLET	510UL
129	27	0.45	98	P 1	NQI		003	-0.77	UTE	LTE		75	OUTLET	510UL
129	28	0.37	103	3	NQI		015	+36.08	UTE	LTE		74	OUTLET	510UL
129	44	0.58	67	3	NQI		006	+35.93	UTE	LTE		75	OUTLET	510UL
129	54	0.22	93	3	NQI		013	+14.99	UTE	LTE		54	OUTLET	510UL
129	55	0.26	68	3	NQI		015	+9.14	UTE	LTE		55	OUTLET	510UL
129	59	0.24	89	P 1	NQI		004	-0.40	UTE	LTE		55	OUTLET	510UL
129	63	0.26	75	3	NQI		012	+16.22	UTE	LTE		55	OUTLET	510UL
129	75	14.49	181	3	DNT		006	+17.08	UTE	LTE		55	OUTLET	510UL
129	76	0.31	85	3	NQI		014	+1.19	UTE	LTE		54	OUTLET	510UL
129	86	0.39	63	3	NQI		015	+25.63	UTE	LTE		54	OUTLET	510UL
		0.31	116	3	NQI		014	+10.17	UTE	LTE		54	OUTLET	510UL
129	89	0.26	92	3	NQI		013	+24.25	UTE	LTE		55	OUTLET	510UL
		0.29	112	3	NQI		013	+4.03	UTE	LTE		55	OUTLET	510UL
129	91	0.48	90	P 1	NQI		005	-0.81	UTE	LTE		55	OUTLET	510UL
129	92	0.39	97	3	NQI		011	+6.89	UTE	LTE		54	OUTLET	510UL
		0.36	100	3	NQI		010	+30.65	UTE	LTE		54	OUTLET	510UL
129	94	13.29	182	3	DNT		LTE	+3.26	UTE	LTE		55	OUTLET	510UL
		16.86	13	P 1	BLG		UTS	-0.18	UTE	LTE		55	OUTLET	510UL
		0.26	102	3	NQI		014	+20.51	UTE	LTE		55	OUTLET	510UL
		0.36	99	3	NQI		014	+18.08	UTE	LTE		55	OUTLET	510UL
130	1	3.00	114	3	NQI		013	+3.09	UTE	LTE		75	OUTLET	510UL
130	2	0.41	102	3	NQI		011	+6.48	UTE	LTE		74	OUTLET	510UL
		1.27	111	3	NQI		014	+31.17	UTE	LTE		74	OUTLET	510UL
130	4	1.10	147	P 1	NQI		010	+0.52	UTE	LTE		74	OUTLET	510UL
130	6	0.76	146	P 1	NQI		010	+0.57	UTE	LTE		74	OUTLET	510UL
130	11	0.70	110	3	TWD 6		011	+19.24	UTE	LTE		74	OUTLET	510UL
130	12	0.36	54	P 1	NQI		002	-1.18	UTE	LTE		75	OUTLET	510UL
130	16	0.27	105	3	TWD 24		009	+9.07	UTE	LTE		75	OUTLET	510UL
130	26	0.40	86	P 1	NQI		014	+0.45	UTE	LTE		75	OUTLET	510UL
130	60	0.24	93	3	NQI		001	+2.51	UTE	LTE		55	OUTLET	510UL
130	69	0.28	60	3	NQI		008	+6.26	UTE	LTE		54	OUTLET	510UL
130	78	0.40	118	3	NQI		003	+36.02	UTE	LTE		55	OUTLET	510UL
130	84	0.43	95	P 1	NQI		004	+0.78	UTE	LTE		55	OUTLET	510UL
130	89	0.29	102	3	NQI		009	+23.60	UTE	LTE		54	OUTLET	510UL
130	90	0.31	93	3	NQI		002	+26.29	UTE	LTE		55	OUTLET	510UL
130	91	0.45	108	3	NQI		008	+32.63	UTE	LTE		54	OUTLET	510UL
131	2	1.10	102	P 1	NQI		015	-0.22	UTE	LTE		70	OUTLET	510UL
131	5	0.58	74	P 1	NQI		009	+0.34	UTE	LTE		71	OUTLET	510UL
131	36	0.37	93	P 1	NQI		014	+0.93	UTE	LTE		71	OUTLET	510UL
131	39	0.38	87	3	NQI		015	+40.96	UTE	LTE		70	OUTLET	510UL
131	68	0.48	93	3	NQI		015	+14.81	UTE	LTE		54	OUTLET	510UL
		0.36	111	3	NQI		008	+18.40	UTE	LTE		54	OUTLET	510UL
131	69	0.67	128	3	NQI		008	+1.25	UTE	LTE		55	OUTLET	510UL
131	80	0.55	77	3	NQI		011	+35.31	UTE	LTE		54	OUTLET	510UL
131	83	0.31	107	3	NQI		013	+8.91	UTE	LTE		55	OUTLET	510UL
		0.37	104	3	NQI		013	+4.43	UTE	LTE		55	OUTLET	510UL
		0.58	97	3	NQI		012	+9.72	UTE	LTE	TO+28.42	55	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.39	109	3	NQI		011	+28.21	UTE	LTE		55	OUTLET	510UL
		0.42	96	3	NQI		010	+9.19	UTE	LTE		55	OUTLET	510UL
		0.25	100	3	NQI		010	+8.22	UTE	LTE		55	OUTLET	510UL
		0.41	95	3	NQI		009	+19.39	UTE	LTE		55	OUTLET	510UL
131	85	0.23	91	3	NQI		010	+33.23	UTE	LTE		55	OUTLET	510UL
		0.33	84	3	NQI		010	+32.36	UTE	LTE		55	OUTLET	510UL
		0.32	77	3	NQI		010	+14.54	UTE	LTE		55	OUTLET	510UL
131	86	0.34	98	3	NQI		012	+4.69	UTE	LTE		54	OUTLET	510UL
		8.30	180	3	DNT		LTE	+3.89	UTE	LTE		54	OUTLET	510UL
		0.21	95	3	NQI		011	+20.30	UTE	LTE		54	OUTLET	510UL
		0.24	87	3	NQI		011	+10.34	UTE	LTE		54	OUTLET	510UL
131	87	0.36	106	3	NQI		011	+13.48	UTE	LTE		55	OUTLET	510UL
		0.33	86	3	NQI		011	+4.96	UTE	LTE		55	OUTLET	510UL
		0.25	103	3	NQI		010	+7.00	UTE	LTE		55	OUTLET	510UL
		13.08	181	3	DNT		LTE	+5.30	UTE	LTE		55	OUTLET	510UL
131	90	0.37	117	P 1	NQI		007	-0.63	UTE	LTE		55	OUTLET	510UL
		0.43	122	3	NQI		012	+5.99	UTE	LTE		55	OUTLET	510UL
		0.39	106	3	NQI		011	+23.00	UTE	LTE		55	OUTLET	510UL
132	29	10.30	181	3	DNT		003	+2.13	UTE	LTE		71	OUTLET	510UL
132	33	0.38	64	P 1	NQI		014	+0.95	UTE	LTE		70	OUTLET	510UL
132	75	0.61	111	3	NQI		008	+11.37	UTE	LTE		55	OUTLET	510UL
132	80	1.30	90	P 1	NQI		008	-0.82	UTE	LTE		54	OUTLET	510UL
132	81	11.44	185	3	DNT		LTE	+2.64	UTE	LTE		55	OUTLET	510UL
132	82	0.49	110	3	NQI		010	+9.29	UTE	LTE		54	OUTLET	510UL
		0.98	72	P 1	NQI		009	+0.69	UTE	LTE		54	OUTLET	510UL
132	83	0.69	111	P 1	NQI		010	+0.69	UTE	LTE		55	OUTLET	510UL
133	3	0.81	36	P 1	NQI		007	-0.75	UTE	LTE		71	OUTLET	510UL
133	26	0.26	81	3	NQI		014	+23.46	UTE	LTE		70	OUTLET	510UL
133	57	0.72	82	P 1	NQI		LTS	-0.38	UTE	LTE		55	OUTLET	510UL
133	62	0.23	83	P 1	NQI		015	-0.20	UTE	LTE		55	OUTLET	510UL
		0.40	99	P 1	NQI		015	-0.61	UTE	LTE		55	OUTLET	510UL
133	66	0.27	86	3	NQI		015	+25.64	UTE	LTE		55	OUTLET	510UL
133	77	0.77	86	P 1	NQI		LTS	-0.46	UTE	LTE		54	OUTLET	510UL
133	82	0.42	109	3	NQI		010	+34.40	UTE	LTE		55	OUTLET	510UL
		0.28	110	3	NQI		010	+31.28	UTE	LTE		55	OUTLET	510UL
		0.37	115	3	NQI		010	+20.22	UTE	LTE		55	OUTLET	510UL
		0.36	101	3	NQI		009	+37.11	UTE	LTE		55	OUTLET	510UL
		0.31	107	3	NQI		009	+33.66	UTE	LTE		55	OUTLET	510UL
133	83	0.45	96	3	NQI		014	+4.16	UTE	LTE		54	OUTLET	510UL
		0.58	111	3	NQI		011	+35.45	UTE	LTE		54	OUTLET	510UL
		10.62	359	3	DNT		LTE	+2.77	UTE	LTE		54	OUTLET	510UL
		14.03	179	3	DNT		LTE	+2.00	UTE	LTE		54	OUTLET	510UL
133	84	0.19	102	3	NQI		012	+23.05	UTE	LTE		55	OUTLET	510UL
		0.24	93	3	NQI		012	+19.71	UTE	LTE		55	OUTLET	510UL
		0.15	88	3	NQI		011	+24.61	UTE	LTE		55	OUTLET	510UL
		0.19	92	3	NQI		011	+22.32	UTE	LTE		55	OUTLET	510UL
		0.22	94	3	NQI		011	+21.11	UTE	LTE		55	OUTLET	510UL
		0.29	110	3	NQI		011	+19.88	UTE	LTE		55	OUTLET	510UL
133	85	0.42	100	3	NQI		010	+30.65	UTE	LTE		54	OUTLET	510UL
		0.33	92	3	NQI		010	+29.43	UTE	LTE		54	OUTLET	510UL
		0.37	85	3	NQI		010	+21.67	UTE	LTE		54	OUTLET	510UL
134	27	16.87	178	3	DNT		003	+4.47	UTE	LTE		70	OUTLET	510UL
134	29	0.48	91	3	NQI		010	+16.17	UTE	LTE		70	OUTLET	510UL
		0.29	105	3	NQI		011	+18.93	UTE	LTE		70	OUTLET	510UL
134	32	0.60	106	3	NQI		007	+17.45	UTE	LTE		71	OUTLET	510UL
		0.25	101	3	NQI		007	+18.38	UTE	LTE		71	OUTLET	510UL
134	33	0.19	62	P 1	NQI		004	-0.50	UTE	LTE		70	OUTLET	510UL
134	37	0.45	84	3	NQI		011	+22.41	UTE	LTE		70	OUTLET	510UL
		0.31	92	3	NQI		011	+18.64	UTE	LTE		70	OUTLET	510UL
		0.67	66	3	NQI		010	+15.03	UTE	LTE		70	OUTLET	510UL
134	38	0.70	89	3	NQI		015	+40.26	UTE	LTE		71	OUTLET	510UL
		0.89	109	3	NQI		015	+43.54	UTE	LTE		71	OUTLET	510UL
		0.39	98	3	NQI		015	+35.32	UTE	LTE		71	OUTLET	510UL
		0.60	104	3	NQI		015	+44.10	UTE	LTE		71	OUTLET	510UL
134	47	0.49	52	3	NQI		003	+14.64	UTE	LTE		55	OUTLET	510UL
134	49	0.23	103	3	NQI		008	+1.28	UTE	LTE		55	OUTLET	510UL
134	69	0.15	62	P 1	NQI		015	+0.27	UTE	LTE		55	OUTLET	510UL
134	84	0.29	93	P 1	NQI		010	+0.58	UTE	LTE		54	OUTLET	510UL
134	85	0.36	98	P 1	NQI		007	+0.18	UTE	LTE		55	OUTLET	510UL
		6.23	175	3	DNT		LTS	+1.12	UTE	LTE		55	OUTLET	510UL
135	3	0.71	103	3	NQI		004	+19.29	UTE	LTE		71	OUTLET	510UL
135	22	0.31	110	3	NQI		007	+38.58	UTE	LTE		70	OUTLET	510UL
135	26	0.31	90	P 1	NQI		014	+0.42	UTE	LTE		70	OUTLET	510UL
		0.29	73	3	NQI		012	+31.36	UTE	LTE		70	OUTLET	510UL
135	28	9.12	181	3	DNT		LTE	+4.95	UTE	LTE		71	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		18.13	181	3	DNT		LTE	+3.71	UTE	LTE		71	OUTLET	510UL
		9.06	184	3	DNT		LTE	+2.41	UTE	LTE		71	OUTLET	510UL
135	29	0.36	97	3	NQI		013	+16.59	UTE	LTE		70	OUTLET	510UL
135	45	0.44	113	3	NQI		006	+33.47	UTE	LTE		55	OUTLET	510UL
135	56	9.14	178	3	DNT		LTE	+6.88	UTE	LTE		54	OUTLET	510UL
135	73	9.08	183	3	DNT		LTE	+3.33	UTE	LTE		55	OUTLET	510UL
135	75	0.36	113	3	NQI		007	+38.26	UTE	LTE		55	OUTLET	510UL
		0.52	110	3	NQI		007	+25.57	UTE	LTE		55	OUTLET	510UL
		0.78	129	3	NQI		007	+3.30	UTE	LTE		55	OUTLET	510UL
135	79	15.20	182	3	DNT		LTE	+5.70	UTE	LTE		55	OUTLET	510UL
		6.47	183	3	DNT		LTE	+1.88	UTE	LTE		55	OUTLET	510UL
		0.25	95	3	NQI		013	+18.66	UTE	LTE		55	OUTLET	510UL
		0.26	100	3	NQI		013	+2.11	UTE	LTE		55	OUTLET	510UL
		0.23	94	3	NQI		012	+29.00	UTE	LTE		55	OUTLET	510UL
		0.17	109	3	NQI		012	+26.53	UTE	LTE		55	OUTLET	510UL
		0.14	83	3	NQI		012	+25.44	UTE	LTE		55	OUTLET	510UL
135	80	10.61	177	3	DNT		LTE	+4.24	UTE	LTE		54	OUTLET	510UL
		8.82	177	3	DNT		LTE	+2.70	UTE	LTE		54	OUTLET	510UL
136	3	0.31	87	P 1	NQI		014	-0.74	UTE	LTE		70	OUTLET	510UL
136	9	0.51	107	3	NQI		LTS	+22.90	UTE	LTE		70	OUTLET	510UL
136	20	0.40	87	P 1	NQI		014	+0.36	UTE	LTE		71	OUTLET	510UL
136	24	0.29	101	3	NQI		011	+33.22	UTE	LTE		71	OUTLET	510UL
136	25	6.28	186	P 1	DNT		003	+0.22	UTE	LTE		70	OUTLET	510UL
		6.81	181	3	DNT		003	+1.64	UTE	LTE		70	OUTLET	510UL
		8.19	182	3	DNT		003	+36.76	UTE	LTE		70	OUTLET	510UL
136	29	0.55	107	P 1	NQI		015	+0.52	UTE	LTE		70	OUTLET	510UL
136	44	0.21	66	3	NQI		010	+14.05	UTE	LTE		49	OUTLET	510UL
136	54	0.46	68	3	NQI		006	+7.84	UTE	LTE		49	OUTLET	510UL
136	61	0.33	96	3	TWD 36		009	+2.30	UTE	LTE		51	OUTLET	510UL
136	73	0.25	104	3	NQI		014	+26.35	UTE	LTE		51	OUTLET	510UL
136	74	12.40	179	3	DNT		LTE	+6.82	UTE	LTE		49	OUTLET	510UL
136	76	1.34	97	P 1	NQI		009	-0.73	UTE	LTE		49	OUTLET	510UL
136	80	0.48	83	3	NQI		012	+21.23	UTE	LTE		49	OUTLET	510UL
		0.29	110	3	NQI		012	+22.29	UTE	LTE		49	OUTLET	510UL
137	3	1.16	91	P 1	NQI		010	-0.70	UTE	LTE		71	OUTLET	510UL
137	22	7.28	179	3	DNT		003	+2.12	UTE	LTE		70	OUTLET	510UL
		10.57	179	3	DNT		003	+2.56	UTE	LTE		70	OUTLET	510UL
137	24	7.26	182	3	DNT		003	+1.75	UTE	LTE		70	OUTLET	510UL
		7.20	180	3	DNT		003	+4.03	UTE	LTE		70	OUTLET	510UL
137	27	0.41	82	3	NQI		011	+33.18	UTE	LTE		70	OUTLET	510UL
137	60	0.60	138	P 1	NQI		004	-0.71	UTE	LTE		49	OUTLET	510UL
137	61	0.16	74	P 1	NQI		015	+0.16	UTE	LTE		51	OUTLET	510UL
137	66	11.24	178	3	DNT		LTE	+3.29	UTE	LTE		49	OUTLET	510UL
137	70	13.84	181	3	DNT		LTE	+3.40	UTE	LTE		49	OUTLET	510UL
		0.41	112	3	NQI		015	+7.77	UTE	LTE		49	OUTLET	510UL
137	71	0.32	111	3	NQI		014	+27.83	UTE	LTE		51	OUTLET	510UL
137	73	0.29	91	3	NQI		014	+29.53	UTE	LTE		51	OUTLET	510UL
137	74	0.39	101	3	NQI		009	+37.66	UTE	LTE		49	OUTLET	510UL
137	77	0.36	111	3	NQI		010	+32.27	UTE	LTE		49	OUTLET	510UL
		40.87	177	3	DNT		LTS	+1.53	UTE	LTE		49	OUTLET	510UL
		0.38	81	P 1	NQI		010	+0.16	UTE	LTE		49	OUTLET	510UL
137	78	0.35	85	3	NQI		012	+28.57	UTE	LTE		51	OUTLET	510UL
		0.39	105	3	NQI		011	+1.39	TO+31.09	UTE	LTE	51	OUTLET	510UL
		0.32	105	3	NQI		010	+11.61	TO+28.86	UTE	LTE	51	OUTLET	510UL
		17.12	178	3	DNT		LTS	+1.17	UTE	LTE		51	OUTLET	510UL
		1.02	97	P 1	NQI		010	-0.40	UTE	LTE		51	OUTLET	510UL
138	4	0.37	108	3	NQI		001	+21.43	UTE	LTE		70	OUTLET	510UL
138	11	0.28	87	3	NQI		013	+4.99	UTE	LTE		71	OUTLET	510UL
138	18	0.35	96	3	NQI		LTS	+20.52	UTE	LTE		70	OUTLET	510UL
138	44	0.33	93	P 1	NQI		008	-0.18	UTE	LTE		51	OUTLET	510UL
138	49	0.38	82	3	NQI		002	+28.18	UTE	LTE		49	OUTLET	510UL
138	69	0.22	71	3	NQI		013	+18.58	UTE	LTE		49	OUTLET	510UL
138	70	13.01	177	3	DNT		009	+31.34	UTE	LTE		51	OUTLET	510UL
		7.72	182	P 1	DNT		008	-0.27	UTE	LTE		51	OUTLET	510UL
138	75	0.31	82	3	NQI		010	+14.03	001	UTE		158	INLET	500UL
		0.28	86	3	NQI		010	+31.14	001	UTE		158	INLET	500UL
		0.32	115	3	NQI		010	+31.11	001	UTE		156	INLET	510UL
		0.29	89	3	NQI		010	+13.94	001	UTE		156	INLET	510UL
		0.32	88	3	NQI		010	+14.00	001	UTE		160	INLET	480UL
		0.33	106	3	NQI		010	+31.07	001	UTE		160	INLET	480UL
		0.29	94	3	NQI		010	+31.16	001	UTE		161	INLET	500UL
		0.28	87	3	NQI		010	+14.06	001	UTE		161	INLET	500UL
		0.29	112	3	NQI		010	+30.97	UTE	LTE		166	OUTLET	480UL
		0.31	92	3	NQI		010	+13.93	UTE	LTE		166	OUTLET	480UL
		59.87	180	P 1	DNT		LTS	+0.60	UTE	LTE		166	OUTLET	480UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		36.78	177	3	DNT		LTS	+2.81	UTE	LTE		166	OUTLET	480UL
		13.71	177	3	DNT		LTS	+3.91	UTE	LTE		166	OUTLET	480UL
		7.23	179	3	DNT		LTE	+3.41	UTE	LTE		166	OUTLET	480UL
139	3	0.39	88	P 1	NQI		010	+0.54	UTE	LTE		71	OUTLET	510UL
139	5	0.34	105	P 1	NQI		008	-0.38	UTE	LTE		71	OUTLET	510UL
139	8	0.39	86	3	NQI		013	+33.46	UTE	LTE		70	OUTLET	510UL
139	20	0.33	80	3	NQI		010	+31.31	UTE	LTE		71	OUTLET	510UL
		0.34	99	3	NQI		011	+35.58	UTE	LTE		71	OUTLET	510UL
139	21	0.25	98	3	NQI		011	+21.43	UTE	LTE		70	OUTLET	510UL
139	24	7.13	180	3	DNT		LTE	+5.01	UTE	LTE		70	OUTLET	510UL
		12.60	180	3	DNT		LTE	+3.87	UTE	LTE		70	OUTLET	510UL
		23.32	180	3	DNT		LTE	+3.33	UTE	LTE		70	OUTLET	510UL
		13.65	170	3	DNT		LTE	+3.08	UTE	LTE		70	OUTLET	510UL
		84.00	180	3	DNT		LTE	+2.65	UTE	LTE		70	OUTLET	510UL
139	43	0.22	68	3	NQI		015	+4.71	UTE	LTE		51	OUTLET	510UL
139	58	0.33	111	3	NQI		012	+8.75	UTE	LTE		49	OUTLET	510UL
139	70	0.30	108	3	NQI		015	+9.20	UTE	LTE		49	OUTLET	510UL
		0.27	72	3	NQI		LTS	+4.42	UTE	LTE		49	OUTLET	510UL
140	1	0.42	115	P 1	NQI		011	-0.83	UTE	LTE		71	OUTLET	510UL
		0.28	81	P 1	NQI		012	-0.41	UTE	LTE		71	OUTLET	510UL
		0.31	72	P 1	NQI		012	+0.38	UTE	LTE		71	OUTLET	510UL
140	3	0.74	109	P 1	NQI		010	-0.37	UTE	LTE		70	OUTLET	510UL
140	5	0.25	91	P 1	NQI		009	-0.55	UTE	LTE		70	OUTLET	510UL
140	13	0.31	93	P 1	NQI		009	+0.37	UTE	LTE		70	OUTLET	510UL
140	34	0.31	96	3	NQI		008	+22.28	UTE	LTE		71	OUTLET	510UL
		0.35	59	P 1	NQI		009	-0.11	UTE	LTE		71	OUTLET	510UL
140	35	0.53	75	3	NQI		006	+19.26	UTE	LTE		70	OUTLET	510UL
140	59	0.42	118	P 1	NQI		015	+0.49	UTE	LTE		49	OUTLET	510UL
140	69	16.93	182	3	DNT		LTE	+1.97	UTE	LTE		51	OUTLET	510UL
140	71	0.32	101	3	NQI		UTS	-0.76	UTE	LTE		51	OUTLET	510UL
		0.22	86	P 1	NQI		014	-0.42	UTE	LTE		51	OUTLET	510UL
		15.38	178	3	DNT		LTS	+1.12	UTE	LTE		51	OUTLET	510UL
141	1	0.81	94	P 1	NQI		014	-0.68	UTE	LTE		71	OUTLET	510UL
141	24	8.52	186	P 1	DNT		LTS	-0.39	UTE	LTE		70	OUTLET	510UL
		25.69	179	3	DNT		LTE	+22.17	UTE	LTE		70	OUTLET	510UL
		9.40	177	3	DNT		LTE	+21.76	UTE	LTE		70	OUTLET	510UL
		14.64	179	3	DNT		LTE	+21.50	UTE	LTE		70	OUTLET	510UL
		18.27	180	3	DNT		LTE	+21.01	UTE	LTE		70	OUTLET	510UL
		10.04	180	3	DNT		LTE	+20.64	UTE	LTE		70	OUTLET	510UL
		6.99	176	3	DNT		LTE	+19.26	UTE	LTE		70	OUTLET	510UL
		10.40	180	3	DNT		LTE	+17.71	UTE	LTE		70	OUTLET	510UL
		12.41	178	3	DNT		LTE	+8.89	UTE	LTE		70	OUTLET	510UL
		7.96	178	3	DNT		LTE	+8.42	UTE	LTE		70	OUTLET	510UL
		11.15	177	3	DNT		LTE	+7.32	UTE	LTE		70	OUTLET	510UL
		16.85	178	3	DNT		LTE	+7.02	UTE	LTE		70	OUTLET	510UL
		10.32	179	3	DNT		LTE	+6.61	UTE	LTE		70	OUTLET	510UL
		9.85	177	3	DNT		LTE	+5.27	UTE	LTE		70	OUTLET	510UL
		6.87	177	3	DNT		LTE	+4.97	UTE	LTE		70	OUTLET	510UL
		36.47	179	3	DNT		LTE	+4.15	UTE	LTE		70	OUTLET	510UL
		49.92	180	3	DNT		LTE	+3.08	UTE	LTE		70	OUTLET	510UL
		31.58	180	3	DNT		LTE	+1.89	UTE	LTE		70	OUTLET	510UL
141	29	0.20	72	P 1	NQI		013	+0.00	UTE	LTE		71	OUTLET	510UL
141	33	0.98	56	P 1	NQI		010	-0.92	UTE	LTE		70	OUTLET	510UL
141	36	0.32	91	P 1	NQI		015	+0.44	UTE	LTE		51	OUTLET	510UL
141	46	0.41	83	3	NQI		001	+2.01	UTE	LTE		51	OUTLET	510UL
141	55	0.28	91	3	NQI		LTS	+8.96	UTE	LTE		49	OUTLET	510UL
		0.27	82	P 1	NQI		015	+0.31	UTE	LTE		49	OUTLET	510UL
141	59	0.95	94	P 1	NQI		008	-0.71	UTE	LTE		49	OUTLET	510UL
141	63	1.08	104	3	NQI		007	+9.83	UTE	LTE		49	OUTLET	510UL
141	66	0.69	108	3	NQI		007	+34.60	UTE	LTE		49	OUTLET	510UL
141	68	6.78	181	3	DNT		LTE	+4.43	UTE	LTE		51	OUTLET	510UL
142	1	0.35	93	P 1	NQI		014	-0.77	UTE	LTE		71	OUTLET	510UL
142	8	0.81	99	P 1	NQI		008	-0.50	UTE	LTE		70	OUTLET	510UL
142	12	0.29	72	P 1	NQI		014	+0.26	UTE	LTE		70	OUTLET	510UL
142	40	0.28	93	3	NQI		013	+1.46	UTE	LTE		49	OUTLET	510UL
142	41	0.33	79	3	NQI		013	+28.70	UTE	LTE		51	OUTLET	510UL
142	53	0.56	51	P 1	NQI		008	-0.83	UTE	LTE		51	OUTLET	510UL
142	54	0.39	77	P 1	NQI		015	+0.29	UTE	LTE		49	OUTLET	510UL
142	57	0.19	97	3	NQI		012	+18.54	UTE	LTE		51	OUTLET	510UL
142	61	0.29	67	P 1	NQI		014	+0.31	UTE	LTE		49	OUTLET	510UL
143	3	0.59	81	P 1	NQI		014	-0.79	UTE	LTE		70	OUTLET	510UL
143	8	0.75	98	P 1	NQI		008	+0.38	UTE	LTE		71	OUTLET	510UL
143	27	0.54	77	3	NQI		013	+16.96	UTE	LTE		70	OUTLET	510UL
		0.49	56	3	NQI		013	+12.39	UTE	LTE		70	OUTLET	510UL
143	38	0.67	76	3	NQI		003	+22.25	UTE	LTE		49	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
143	47	0.36	111	3	NQI		015	+31.95	UTE	LTE			49	OUTLET	510UL
		0.39	81	3	NQI		013	+12.78	UTE	LTE			49	OUTLET	510UL
		16.18	180	3	DNT		LTE	+3.68	UTE	LTE			49	OUTLET	510UL
		0.42	98	3	NQI		013	+11.03	UTE	LTE			49	OUTLET	510UL
143	49	0.59	110	3	NQI		013	+1.26	UTE	LTE			49	OUTLET	510UL
		21.26	180	3	DNT		002	+37.10	UTE	LTE			49	OUTLET	510UL
143	60	21.00	181	3	DNT		LTE	+2.48	UTE	LTE			51	OUTLET	510UL
143	61	0.32	105	3	NQI		015	+4.31	UTE	LTE			49	OUTLET	510UL
144	11	6.74	180	3	DNT		003	+2.54	UTE	LTE			70	OUTLET	510UL
144	13	0.41	95	3	NQI		011	+18.75	UTE	LTE			70	OUTLET	510UL
144	31	1.86	89	P 1	NQI		001	+0.75	UTE	LTE			49	OUTLET	510UL
144	46	0.85	80	P 1	NQI		013	+0.86	UTE	LTE			49	OUTLET	510UL
144	48	35.71	177	3	DNT		003	+2.17	UTE	LTE			49	OUTLET	510UL
144	49	1.04	99	P 1	NQI		008	-0.53	UTE	LTE			49	OUTLET	510UL
144	53	0.29	94	3	NQI		009	+26.27	UTE	LTE			49	OUTLET	510UL
		0.23	94	P 1	NQI		008	+0.24	UTE	LTE			49	OUTLET	510UL
		8.56	180	3	DNT		LTE	+6.41	UTE	LTE			49	OUTLET	510UL
		12.24	181	3	DNT		LTE	+4.26	UTE	LTE			49	OUTLET	510UL
145	1	0.55	92	P 1	NQI		013	-0.78	UTE	LTE			71	OUTLET	510UL
145	16	0.51	120	P 1	NQI		008	-0.66	UTE	LTE			70	OUTLET	510UL
145	24	0.39	93	P 1	NQI		UTS	+3.42	UTE	LTE			70	OUTLET	510UL
145	25	0.34	99	3	NQI		010	+21.96	UTE	LTE			71	OUTLET	510UL
		0.31	92	3	NQI		010	+18.86	UTE	LTE			71	OUTLET	510UL
145	36	0.42	69	P 1	NQI		014	-0.43	UTE	LTE			51	OUTLET	510UL
145	47	0.58	106	P 1	NQI		008	+0.40	UTE	LTE			49	OUTLET	510UL
145	54	0.29	98	3	NQI		011	+31.33	UTE	LTE			51	OUTLET	510UL
		0.32	96	3	NQI		010	+32.81	UTE	LTE	TO+11.62		51	OUTLET	510UL
		0.24	91	3	NQI		015	+2.59	UTE	LTE			51	OUTLET	510UL
146	7	0.47	79	P 1	NQI		009	+0.63	UTE	LTE			71	OUTLET	510UL
146	8	6.42	178	3	DNT		003	+3.15	UTE	LTE			70	OUTLET	510UL
		9.52	177	3	DNT		003	+2.76	UTE	LTE			70	OUTLET	510UL
		25.45	179	3	DNT		003	+2.04	UTE	LTE			70	OUTLET	510UL
		7.69	178	3	DNT		003	+1.49	UTE	LTE			70	OUTLET	510UL
		12.54	187	P 1	DNT		003	+0.44	UTE	LTE			70	OUTLET	510UL
146	12	0.42	72	3	NQI		001	+6.65	UTE	LTE			70	OUTLET	510UL
146	13	1.08	92	P 1	TWD	25	008	+0.74	UTE	LTE			71	OUTLET	510UL
146	14	1.08	92	P 1	NQI		008	-0.57	UTE	LTE			70	OUTLET	510UL
146	20	0.55	91	3	NQI		011	+13.23	UTE	LTE			71	OUTLET	510UL
146	21	0.66	75	P 1	NQI		008	+0.33	UTE	LTE			70	OUTLET	510UL
146	22	0.42	113	3	NQI		009	+7.91	UTE	LTE			66	OUTLET	510UL
		0.37	96	3	NQI		008	+3.57	UTE	LTE			66	OUTLET	510UL
146	29	0.71	123	P 1	NQI		008	-0.78	UTE	LTE			49	OUTLET	510UL
146	30	0.42	107	3	NQI		008	+21.71	UTE	LTE			49	OUTLET	510UL
146	32	0.24	108	3	NQI		013	+11.82	UTE	LTE			49	OUTLET	510UL
146	34	0.26	71	3	NQI		012	+35.05	UTE	LTE			49	OUTLET	510UL
146	37	0.33	87	3	NQI		009	+33.82	UTE	LTE			49	OUTLET	510UL
		0.24	96	3	NQI		009	+34.22	UTE	LTE			49	OUTLET	510UL
146	43	13.79	186	P 1	DNT		003	-0.86	UTE	LTE			49	OUTLET	510UL
		15.82	181	3	DNT		002	+34.71	UTE	LTE			49	OUTLET	510UL
		1.01	92	P 1	NQI		009	+0.49	UTE	LTE			49	OUTLET	510UL
		0.29	106	P 1	NQI		009	-0.24	UTE	LTE			49	OUTLET	510UL
146	45	10.30	181	3	DNT		003	+38.59	UTE	LTE			49	OUTLET	510UL
		31.57	179	3	DNT		003	+35.89	UTE	LTE			49	OUTLET	510UL
146	46	16.65	179	3	DNT		003	+3.73	UTE	LTE			51	OUTLET	510UL
147	5	0.26	95	3	NQI		015	+3.92	UTE	LTE			67	OUTLET	510UL
147	6	0.32	73	3	NQI		011	+15.43	UTE	LTE			66	OUTLET	510UL
147	11	0.43	115	P 1	NQI		008	+0.65	UTE	LTE			66	OUTLET	510UL
147	12	0.65	61	P 1	NQI		010	-0.81	UTE	LTE			66	OUTLET	510UL
147	15	0.41	68	P 1	NQI		005	+0.94	UTE	LTE			66	OUTLET	510UL
147	17	0.27	85	3	NQI		014	+27.16	UTE	LTE			67	OUTLET	510UL
147	21	0.44	102	3	NQI		014	+18.92	UTE	LTE			67	OUTLET	510UL
		0.34	71	3	NQI		011	+29.09	UTE	LTE			67	OUTLET	510UL
147	27	0.39	100	P 1	NQI		009	-0.18	UTE	LTE			123	OUTLET	510UL
147	28	0.69	94	P 1	NQI		009	+0.47	UTE	LTE			49	OUTLET	510UL
147	34	0.38	74	3	NQI		008	+7.07	UTE	LTE			49	OUTLET	510UL
147	38	0.25	58	P 1	NQI		012	-0.43	UTE	LTE			124	OUTLET	510UL
147	42	0.37	55	P 1	NQI		009	+0.18	UTE	LTE			51	OUTLET	510UL
147	44	0.37	101	3	NQI		010	+26.01	UTE	LTE	TO+28.01		49	OUTLET	510UL
		0.52	65	3	NQI		005	+29.98	UTE	LTE			49	OUTLET	510UL
148	10	0.34	63	P 1	NQI		008	+0.61	UTE	LTE			67	OUTLET	510UL
148	27	7.21	183	3	DNT		LTE	+3.10	UTE	LTE			123	OUTLET	510UL
148	39	0.28	97	3	NQI		010	+7.67	UTE	LTE			49	OUTLET	510UL
148	40	0.41	90	3	NQI		011	+30.64	UTE	LTE			49	OUTLET	510UL
		0.28	76	3	NQI		011	+21.36	UTE	LTE			49	OUTLET	510UL
148	41	11.83	181	3	DNT		003	+4.17	UTE	LTE			124	OUTLET	510UL

ATTACHMENT #1 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
149	1	0.39	104	3	NQI		012	+4.98	UTE	LTE		124	OUTLET	510UL
149	8	0.31	96	3	NQI		LTS	+35.53	UTE	LTE		67	OUTLET	510UL
149	15	0.54	117	P 1	NQI		009	+0.57	UTE	LTE		66	OUTLET	510UL
		0.38	103	3	NQI		014	+11.88	UTE	LTE		66	OUTLET	510UL
		15.09	182	3	DNT		013	+2.53	UTE	LTE		66	OUTLET	510UL
149	16	0.77	50	P 1	NQI		010	+0.63	UTE	LTE		66	OUTLET	510UL
149	25	0.60	98	P 1	NQI		010	+0.38	UTE	LTE		50	OUTLET	510UL
		0.37	79	P 1	NQI		010	+0.00	UTE	LTE		50	OUTLET	510UL
149	30	0.45	111	3	NQI		013	+1.24	UTE	LTE		49	OUTLET	510UL
150	3	0.53	100	3	NQI		015	+17.76	UTE	LTE		67	OUTLET	510UL
150	5	0.52	78	P 1	NQI		006	+0.49	UTE	LTE		67	OUTLET	510UL
150	8	0.52	71	P 1	NQI		010	+0.59	UTE	LTE		66	OUTLET	510UL
		0.58	111	P 1	NQI		006	+0.58	UTE	LTE		66	OUTLET	510UL
150	9	0.64	103	P 1	NQI		010	-0.65	UTE	LTE		67	OUTLET	510UL
150	11	0.58	116	P 1	NQI		010	+0.72	UTE	LTE		67	OUTLET	510UL
150	12	1.27	65	P 1	NQI		010	+0.70	UTE	LTE		66	OUTLET	510UL
		0.72	105	P 1	NQI		010	-0.68	UTE	LTE		66	OUTLET	510UL
150	14	0.64	64	P 1	NQI		010	+0.70	UTE	LTE		66	OUTLET	510UL
		0.39	72	P 1	NQI		006	+0.66	UTE	LTE		66	OUTLET	510UL
150	19	0.67	112	P 1	NQI		011	-0.29	UTE	LTE		49	OUTLET	510UL
150	20	0.41	109	3	NQI		011	+5.87	UTE	LTE		49	OUTLET	510UL
		0.26	86	3	NQI		010	+17.90	UTE	LTE		49	OUTLET	510UL
150	22	0.35	106	3	NQI		013	+4.12	UTE	LTE		49	OUTLET	510UL
150	27	0.53	115	3	NQI		013	+3.62	UTE	LTE		50	OUTLET	510UL
151	3	0.31	87	P 1	NQI		012	-0.72	UTE	LTE		67	OUTLET	510UL
151	4	0.42	92	P 1	NQI		006	+0.58	UTE	LTE		66	OUTLET	510UL
151	5	0.84	93	P 1	NQI		013	-0.74	UTE	LTE		67	OUTLET	510UL
		0.44	103	P 1	NQI		012	-0.74	UTE	LTE		67	OUTLET	510UL
151	7	0.46	79	P 1	NQI		013	-0.81	UTE	LTE		66	OUTLET	510UL
151	9	0.25	83	3	NQI		014	+24.69	UTE	LTE		49	OUTLET	510UL
		0.46	90	P 1	NQI		012	+0.64	UTE	LTE		49	OUTLET	510UL
		0.25	76	3	NQI		015	+23.04	UTE	LTE		49	OUTLET	510UL
151	12	0.36	97	3	NQI		011	+7.64	UTE	LTE		49	OUTLET	510UL
151	13	0.32	93	3	NQI		013	+3.37	UTE	LTE		50	OUTLET	510UL
151	14	0.60	94	P 1	NQI		014	+0.55	UTE	LTE		49	OUTLET	510UL
151	15	0.47	105	3	TWD	20	012	+8.55	UTE	LTE		50	OUTLET	510UL
		0.45	102	3	NQI		013	+5.94	UTE	LTE		50	OUTLET	510UL
151	16	2.44	103	3	TWD	24	013	+4.09	UTE	LTE		50	OUTLET	510UL
		0.95	102	3	TWD	26	012	+4.45	UTE	LTE		50	OUTLET	510UL

Total Tubes : 3287

Total Records: 4164

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
1	1	0.56	113	P 1	NQI		010	-0.22	UTE	LTE			58	OUTLET	510UL
1	4	1.16	83	P 1	NQI		015	-0.43	UTE	LTE			58	OUTLET	510UL
1	5	0.51	57	P 1	NQI		010	-0.16	UTE	LTE			57	OUTLET	510UL
1	13	11.03	16	P 1	BLG		UTS	-0.22	UTE	LTE			62	OUTLET	510UL
1	14	12.17	201	P 1	BLG		UTS	+0.05	UTE	LTE			61	OUTLET	510UL
		9.36	194	P 1	BLG		015	+0.67	UTE	LTE			61	OUTLET	510UL
2	8	0.48	97	3	NQI		005	+20.01	UTE	LTE			57	OUTLET	510UL
2	10	0.54	94	3	NQI		009	+12.96	UTE	LTE			57	OUTLET	510UL
2	12	0.30	124	3	NQI		014	+1.06	UTE	LTE			58	OUTLET	510UL
2	20	10.56	19	P 1	BLG		UTS	-0.22	UTE	LTE			61	OUTLET	510UL
2	25	18.91	19	P 1	BLG		UTS	-0.16	UTE	LTE			61	OUTLET	510UL
3	3	12.31	16	P 1	BLG		UTS	-0.17	UTE	LTE			58	OUTLET	510UL
		3.43	123	P 1	NQI		015	+0.78	UTE	LTE			58	OUTLET	510UL
		1.95	109	P 1	NQI		015	-0.82	UTE	LTE			58	OUTLET	510UL
3	4	12.67	185	3	DNT		LTE	+14.40	UTE	LTE			57	OUTLET	510UL
		7.83	185	3	DNT		LTE	+14.05	UTE	LTE			57	OUTLET	510UL
3	8	6.30	177	P 1	DNT		010	-0.13	UTE	LTE			58	OUTLET	510UL
		1.41	111	P 1	NQI		015	-0.82	UTE	LTE			58	OUTLET	510UL
		2.68	122	P 1	NQI		015	+0.74	UTE	LTE			58	OUTLET	510UL
3	9	10.00	199	P 1	DNT		UTS	+0.05	UTE	LTE			57	OUTLET	510UL
		13.23	182	P 1	DNT		010	+0.00	UTE	LTE			57	OUTLET	510UL
		2.10	53	P 1	NQI		015	-0.86	UTE	LTE			57	OUTLET	510UL
3	11	0.86	105	3	NQI		009	+37.64	UTE	LTE			57	OUTLET	510UL
3	15	1.27	87	P 1	TWD	3	012	+1.13	UTE	LTE			57	OUTLET	510UL
3	22	0.36	84	3	NQI		015	+18.60	UTE	LTE			62	OUTLET	510UL
3	28	0.49	85	P 1	NQI		013	+0.57	UTE	LTE			62	OUTLET	510UL
3	29	20.66	18	P 1	BLG		UTS	-0.11	UTE	LTE			61	OUTLET	510UL
		1.82	76	6	ADI		015	+32.58	UTE	LTE			61	OUTLET	510UL
3	30	8.44	20	P 1	BLG		UTS	-0.15	UTE	LTE			62	OUTLET	510UL
		1.16	48	6	ADI		015	+32.38	UTE	LTE			62	OUTLET	510UL
		0.36	74	P 1	NQI		011	-0.75	UTE	LTE			57	OUTLET	510UL
4	3	14.83	182	3	DNT		UTS	+12.93	UTE	LTE			57	OUTLET	510UL
		27.89	181	3	DNT		LTE	+10.93	UTE	LTE			57	OUTLET	510UL
		0.61	84	3	NQI		010	+25.00	UTE	LTE	TO+34.50		57	OUTLET	510UL
4	8	1.19	111	3	NQI		009	+36.86	UTE	LTE			58	OUTLET	510UL
4	9	7.29	185	P 1	DNT		010	-0.34	UTE	LTE			57	OUTLET	510UL
4	10	11.03	178	P 1	DNT		010	-0.16	UTE	LTE			58	OUTLET	510UL
		2.30	37	P 1	DWI		010	-1.11	UTE	LTE			58	OUTLET	510UL
4	20	0.43	84	P 1	NQI		009	-0.53	UTE	LTE			57	OUTLET	510UL
4	35	0.82	56	P 1	NQI		010	+0.69	UTE	LTE			61	OUTLET	510UL
4	39	17.64	186	P 1	DNT		UTS	-0.02	UTE	LTE			62	OUTLET	510UL
		9.03	187	P 1	DNT		015	+0.67	UTE	LTE			62	OUTLET	510UL
4	40	8.38	190	P 1	DNT		015	+0.87	UTE	LTE			61	OUTLET	510UL
		20.07	16	P 1	BLG		UTS	-0.22	UTE	LTE			61	OUTLET	510UL
5	1	6.09	169	P 1	DNT		015	+0.69	UTE	LTE			58	OUTLET	510UL
		13.31	5	P 1	BLG		UTS	-0.20	UTE	LTE			58	OUTLET	510UL
5	2	10.29	7	P 1	BLG		UTS	-0.17	UTE	LTE			58	OUTLET	510UL
5	5	0.42	111	3	NQI		004	+31.96	UTE	LTE			57	OUTLET	510UL
5	6	13.24	180	3	DNT		UTS	+13.00	UTE	LTE			58	OUTLET	510UL
		0.24	88	P 1	NQI		014	-0.24	UTE	LTE			58	OUTLET	510UL
		22.56	179	3	DNT		LTE	+11.04	UTE	LTE			58	OUTLET	510UL
5	7	20.36	180	3	DNT		LTE	+10.91	UTE	LTE			57	OUTLET	510UL
		6.16	182	3	DNT		UTS	+12.95	UTE	LTE			57	OUTLET	510UL
5	9	7.19	186	P 1	DNT		010	+0.42	UTE	LTE			57	OUTLET	510UL
5	23	0.58	123	P 1	NQI		009	+0.48	UTE	LTE			57	OUTLET	510UL
5	31	0.49	73	P 1	NQI		008	+0.67	UTE	LTE			62	OUTLET	510UL
5	35	0.32	95	P 1	NQI		009	+0.51	UTE	LTE			62	OUTLET	510UL
5	39	0.51	66	P 1	NQI		008	+0.61	UTE	LTE			62	OUTLET	510UL
5	41	8.81	193	P 1	DNT		UTS	+0.00	UTE	LTE			62	OUTLET	510UL
5	42	0.47	116	P 1	NQI		010	+0.53	UTE	LTE			61	OUTLET	510UL
		7.65	189	P 1	DNT		015	+0.73	UTE	LTE			61	OUTLET	510UL
		18.89	18	P 1	BLG		UTS	-0.20	UTE	LTE			61	OUTLET	510UL
6	5	1.07	118	3	NQI		009	+37.68	UTE	LTE			58	OUTLET	510UL
		0.68	131	3	NQI		010	-1.90	UTE	LTE			58	OUTLET	510UL
6	6	1.52	122	3	NQI		009	+37.33	UTE	LTE			57	OUTLET	510UL
6	7	9.38	185	P 1	DNT		010	-0.14	UTE	LTE			57	OUTLET	510UL
6	9	6.78	176	P 1	DNT		010	+0.35	UTE	LTE			58	OUTLET	510UL
6	10	0.63	120	3	NQI		014	+1.17	UTE	LTE			57	OUTLET	510UL
6	11	13.13	185	P 1	DNT		010	-0.07	UTE	LTE			57	OUTLET	510UL
6	15	0.71	91	3	NQI		009	+37.73	UTE	LTE			58	OUTLET	510UL
6	19	0.35	99	P 1	NQI		008	-0.72	UTE	LTE			58	OUTLET	510UL
6	20	0.42	62	P 1	NQI		010	-0.25	UTE	LTE			57	OUTLET	510UL
6	41	0.28	95	P 1	NQI		008	-0.52	UTE	LTE			62	OUTLET	510UL
6	45	0.51	104	P 1	NQI		011	-0.78	UTE	LTE			62	OUTLET	510UL
6	50	6.51	31	P 1	BLG		UTS	-0.18	UTE	LTE			61	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
7	5	0.34	81	3	NQI		012	+28.91	UTE	LTE			58	OUTLET	510UL
7	8	0.36	100	3	NQI		010	+5.40	UTE	LTE			57	OUTLET	510UL
7	10	0.46	63	P 1	NQI		014	-0.11	UTE	LTE			57	OUTLET	510UL
7	13	7.41	181	P 1	DNT		010	+0.56	UTE	LTE			57	OUTLET	510UL
		0.54	106	3	NQI		010	+4.77	UTE	LTE			57	OUTLET	510UL
		0.44	100	3	NQI		010	+4.13	UTE	LTE			57	OUTLET	510UL
		1.11	66	P 1	NQI		008	-0.49	UTE	LTE			57	OUTLET	510UL
7	14	7.42	173	P 1	DNT		010	+0.22	UTE	LTE			58	OUTLET	510UL
7	16	1.04	37	P 1	NQI		009	-0.09	UTE	LTE			58	OUTLET	510UL
7	17	0.64	54	P 1	NQI		009	+0.52	UTE	LTE			57	OUTLET	510UL
7	19	0.18	70	P 1	NQI		010	-0.20	UTE	LTE			57	OUTLET	510UL
7	44	0.47	82	P 1	NQI		011	-0.81	UTE	LTE			62	OUTLET	510UL
7	45	0.59	88	P 1	NQI		011	-0.73	UTE	LTE			61	OUTLET	510UL
7	46	0.61	95	P 1	NQI		011	-0.81	UTE	LTE			62	OUTLET	510UL
7	51	0.28	80	3	NQI		LTS	+35.69	UTE	LTE			61	OUTLET	510UL
7	53	19.04	13	P 1	BLG		UTS	-0.09	UTE	LTE			62	OUTLET	510UL
8	1	11.27	7	P 1	BLG		UTS	-0.15	UTE	LTE			58	OUTLET	510UL
8	5	0.53	95	P 1	NQI		014	+0.80	UTE	LTE			57	OUTLET	510UL
		0.37	82	P 1	TWD	23	014	+1.15	UTE	LTE			57	OUTLET	510UL
8	10	0.56	87	P 1	NQI		010	-0.78	UTE	LTE			58	OUTLET	510UL
8	13	0.30	82	P 1	NQI		014	+0.11	UTE	LTE			57	OUTLET	510UL
8	21	0.50	66	3	NQI		006	+15.31	UTE	LTE			57	OUTLET	510UL
8	34	0.29	68	3	NQI		013	+27.90	UTE	LTE			62	OUTLET	510UL
8	42	0.39	90	P 1	NQI		007	+0.76	UTE	LTE			62	OUTLET	510UL
8	47	0.48	91	P 1	NQI		008	+0.62	UTE	LTE			61	OUTLET	510UL
8	48	0.53	90	P 1	NQI		008	+0.63	UTE	LTE			62	OUTLET	510UL
9	5	0.34	106	3	NQI		LTS	+30.25	UTE	LTE			58	OUTLET	510UL
		0.72	120	3	NQI		LTS	+21.86	UTE	LTE			58	OUTLET	510UL
9	23	0.47	104	P 1	NQI		009	-0.73	UTE	LTE			57	OUTLET	510UL
9	24	0.71	99	P 1	NQI		010	+0.41	UTE	LTE			58	OUTLET	510UL
9	56	0.52	71	P 1	NQI		009	+0.40	UTE	LTE			62	OUTLET	510UL
9	57	0.55	61	3	NQI		002	+23.55	UTE	LTE			61	OUTLET	510UL
9	61	9.16	181	P 1	DNT		015	-0.55	UTE	LTE			61	OUTLET	510UL
10	2	0.42	92	P 1	NQI		011	-0.78	UTE	LTE			57	OUTLET	510UL
10	7	0.45	112	P 1	NQI		009	+0.39	UTE	LTE			57	OUTLET	510UL
10	9	1.08	105	P 1	NQI		009	-0.71	UTE	LTE			57	OUTLET	510UL
10	13	0.36	100	3	NQI		015	+10.20	UTE	LTE			57	OUTLET	510UL
10	14	0.34	89	3	NQI		011	+15.40	UTE	LTE			58	OUTLET	510UL
10	25	0.54	109	P 1	NQI		009	+0.55	UTE	LTE			57	OUTLET	510UL
10	51	0.71	81	P 1	NQI		011	-0.73	UTE	LTE			61	OUTLET	510UL
10	59	0.74	91	3	NQI		009	+24.83	UTE	LTE			61	OUTLET	510UL
10	63	16.12	186	P 1	DNT		015	-0.58	UTE	LTE			61	OUTLET	510UL
		0.59	100	3	NQI		015	+1.55	UTE	LTE			61	OUTLET	510UL
10	65	45.20	187	P 1	DNT		015	+0.00	UTE	LTE			61	OUTLET	510UL
		1.82	116	3	NQI		014	+3.41	UTE	LTE			61	OUTLET	510UL
11	10	0.46	74	3	NQI		015	+30.96	UTE	LTE			57	OUTLET	510UL
		0.19	92	3	NQI		015	+30.43	UTE	LTE			57	OUTLET	510UL
		0.39	99	3	NQI		015	+12.04	UTE	LTE			57	OUTLET	510UL
11	11	0.67	99	P 1	NQI		009	-0.76	UTE	LTE			58	OUTLET	510UL
11	19	0.48	95	3	NQI		014	+31.06	UTE	LTE			58	OUTLET	510UL
		0.60	118	3	NQI		014	+23.53	UTE	LTE			58	OUTLET	510UL
11	20	0.45	94	P 1	NQI		009	+0.41	UTE	LTE			57	OUTLET	510UL
		0.67	100	3	NQI		008	+5.97	UTE	LTE			57	OUTLET	510UL
11	21	0.54	103	3	NQI		008	+10.17	UTE	LTE			58	OUTLET	510UL
11	64	10.54	186	P 1	DNT		010	-0.46	UTE	LTE			62	OUTLET	510UL
11	65	0.63	110	3	NQI		010	-1.26	UTE	LTE			61	OUTLET	510UL
11	67	64.97	185	P 1	DNT		015	-0.52	UTE	LTE			62	OUTLET	510UL
		0.84	113	3	NQI		014	+3.25	UTE	LTE			62	OUTLET	510UL
11	68	51.73	185	P 1	DNT		015	-0.58	UTE	LTE			61	OUTLET	510UL
12	1	0.38	103	3	NQI		014	+1.30	UTE	LTE			58	OUTLET	510UL
12	2	6.48	194	P 1	DNT		UTS	+0.00	UTE	LTE			57	OUTLET	510UL
		0.58	121	3	NQI		009	+38.52	UTE	LTE			57	OUTLET	510UL
12	14	0.63	131	P 1	NQI		007	-0.84	UTE	LTE			57	OUTLET	510UL
		0.22	80	P 1	NQI		012	+0.22	UTE	LTE			57	OUTLET	510UL
12	20	0.39	86	P 1	NQI		009	+0.45	UTE	LTE			57	OUTLET	510UL
12	28	7.63	182	3	DNT		004	+14.46	UTE	LTE			57	OUTLET	510UL
12	33	1.04	111	P 1	NQI		011	-0.81	UTE	LTE			58	OUTLET	510UL
12	58	0.65	117	P 1	NQI		009	-0.59	UTE	LTE			62	OUTLET	510UL
12	63	0.55	71	3	NQI		009	+23.51	UTE	LTE	TO+30.49		62	OUTLET	510UL
12	65	0.45	114	P 1	NQI		010	-1.14	UTE	LTE			62	OUTLET	510UL
12	67	9.18	181	3	DNT		LTE	+8.73	UTE	LTE			62	OUTLET	510UL
		16.53	182	3	DNT		LTE	+9.46	UTE	LTE			62	OUTLET	510UL
12	68	21.39	185	P 1	DNT		015	-0.64	UTE	LTE			61	OUTLET	510UL
		23.43	182	3	DNT		LTE	+8.86	UTE	LTE			61	OUTLET	510UL
		0.47	82	P 1	NQI		009	-0.60	UTE	LTE			61	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
12	70	41.83	183	P 1	DNT		015	-0.56	UTE	LTE		62	OUTLET	510UL
12	71	47.64	185	P 1	DNT		015	-0.62	UTE	LTE		61	OUTLET	510UL
		0.80	109	3	NQI		011	+12.36	UTE	LTE		61	OUTLET	510UL
		0.67	118	3	NQI		012	+1.02	UTE	LTE		61	OUTLET	510UL
13	4	0.46	87	3	NQI		009	+38.08	UTE	LTE		58	OUTLET	510UL
13	5	0.71	105	P 1	NQI		010	-0.64	UTE	LTE		57	OUTLET	510UL
13	6	0.50	81	3	NQI		009	+11.33 TO+21.51	UTE	LTE		58	OUTLET	510UL
13	18	0.95	154	P 1	NQI		007	-0.81	UTE	LTE		58	OUTLET	510UL
13	19	1.12	128	P 1	NQI		007	-0.82	UTE	LTE		57	OUTLET	510UL
13	20	1.01	151	P 1	NQI		007	-0.87	UTE	LTE		58	OUTLET	510UL
13	35	0.68	84	P 1	NQI		011	-0.75	UTE	LTE		57	OUTLET	510UL
13	38	0.23	110	3	NQI		001	+19.22	UTE	LTE		62	OUTLET	510UL
13	65	0.68	110	3	NQI		009	+21.40 TO+31.70	UTE	LTE		62	OUTLET	510UL
13	68	16.75	180	3	DNT		LTE	+9.30	UTE	LTE		61	OUTLET	510UL
		11.30	184	3	DNT		LTE	+8.43	UTE	LTE		61	OUTLET	510UL
13	70	6.96	183	P 1	DNT		015	-0.73	UTE	LTE		61	OUTLET	510UL
		19.17	181	3	DNT		LTE	+9.21	UTE	LTE		61	OUTLET	510UL
13	71	45.85	185	P 1	DNT		015	-0.63	UTE	LTE		62	OUTLET	510UL
		0.89	112	3	NQI		009	+38.41	UTE	LTE		62	OUTLET	510UL
13	72	34.27	184	P 1	DNT		015	-0.67	UTE	LTE		61	OUTLET	510UL
13	73	54.34	184	P 1	DNT		015	-0.54	UTE	LTE		62	OUTLET	510UL
13	74	50.48	186	P 1	DNT		015	-0.47	UTE	LTE		61	OUTLET	510UL
		0.73	82	P 1	NQI		010	+0.24	UTE	LTE		61	OUTLET	510UL
14	55	0.65	81	P 1	NQI		011	-0.75	UTE	LTE		61	OUTLET	510UL
14	62	7.42	181	3	DNT		LTS	+32.55	UTE	LTE		61	OUTLET	510UL
14	69	21.49	180	3	DNT		LTE	+8.86	UTE	LTE		61	OUTLET	510UL
14	70	21.66	184	3	DNT		LTE	+9.19	UTE	LTE		62	OUTLET	510UL
		9.51	185	P 1	DNT		010	-0.33	UTE	LTE		62	OUTLET	510UL
14	72	12.93	187	P 1	DNT		015	-0.69	UTE	LTE		62	OUTLET	510UL
		1.26	113	3	TWD	10	009	+38.50	UTE	LTE		62	OUTLET	510UL
14	73	41.16	187	P 1	DNT		015	-0.58	UTE	LTE		61	OUTLET	510UL
14	74	27.89	185	P 1	DNT		015	-0.63	UTE	LTE		62	OUTLET	510UL
14	75	24.16	185	P 1	DNT		015	-0.51	UTE	LTE		61	OUTLET	510UL
		0.49	63	P 1	NQI		010	-0.05	UTE	LTE		61	OUTLET	510UL
		1.85	105	3	NQI		014	+30.96	UTE	LTE		61	OUTLET	510UL
15	10	0.28	77	3	NQI		001	+25.45	UTE	LTE		57	OUTLET	510UL
15	18	0.36	78	3	NQI		012	+9.51	UTE	LTE		57	OUTLET	510UL
15	39	9.08	180	3	DNT		006	+17.01	UTE	LTE		57	OUTLET	510UL
		6.00	184	3	DNT		009	+5.45	UTE	LTE		57	OUTLET	510UL
15	64	0.56	79	P 1	NQI		009	+0.61	UTE	LTE		61	OUTLET	510UL
15	67	0.67	103	3	NQI		009	+10.15 TO+27.55	UTE	LTE		62	OUTLET	510UL
15	68	0.86	80	3	NQI		009	+23.40	UTE	LTE		61	OUTLET	510UL
15	69	0.59	94	3	NQI		009	+21.75 TO+34.16	UTE	LTE		62	OUTLET	510UL
15	71	0.40	97	3	NQI		009	+38.67	UTE	LTE		62	OUTLET	510UL
15	74	0.65	87	3	NQI		009	+37.46	UTE	LTE		61	OUTLET	510UL
15	76	37.59	186	P 1	DNT		015	-0.60	UTE	LTE		61	OUTLET	510UL
15	77	34.68	184	P 1	DNT		015	-0.56	UTE	LTE		62	OUTLET	510UL
15	78	38.65	184	P 1	DNT		015	-0.55	UTE	LTE		61	OUTLET	510UL
		0.54	76	P 1	NQI		010	+0.31	UTE	LTE		61	OUTLET	510UL
16	1	10.17	190	P 1	DNT		UTS	+0.02	UTE	LTE		56	OUTLET	510UL
		7.95	174	P 1	DNT		015	+0.72	UTE	LTE		56	OUTLET	510UL
16	16	0.33	93	3	NQI		014	+21.77	UTE	LTE		57	OUTLET	510UL
16	21	0.38	82	3	NQI		012	+27.55	UTE	LTE		58	OUTLET	510UL
16	42	0.36	95	3	NQI		014	+23.92	UTE	LTE		62	OUTLET	510UL
16	66	0.33	100	3	NQI		010	+27.64	UTE	LTE		62	OUTLET	510UL
		0.60	83	P 1	NQI		009	+0.68	UTE	LTE		62	OUTLET	510UL
16	72	0.79	101	3	NQI		009	+24.00 TO+32.72	UTE	LTE		61	OUTLET	510UL
16	78	32.27	184	P 1	DNT		015	-0.60	UTE	LTE		61	OUTLET	510UL
16	79	26.58	183	P 1	DNT		015	-0.65	UTE	LTE		62	OUTLET	510UL
16	80	34.36	184	P 1	DNT		015	-0.44	UTE	LTE		61	OUTLET	510UL
16	81	27.92	186	P 1	DNT		015	-0.51	UTE	LTE		61	OUTLET	510UL
		2.67	119	3	NQI		014	+32.13	UTE	LTE		61	OUTLET	510UL
17	34	0.22	90	P 1	NQI		004	-0.83	UTE	LTE		56	OUTLET	510UL
17	53	0.71	96	P 1	NQI		011	-0.80	UTE	LTE		62	OUTLET	510UL
17	72	1.22	116	3	NQI		009	+20.24 TO+28.11	UTE	LTE		61	OUTLET	510UL
17	74	0.66	67	P 1	NQI		009	+0.63	UTE	LTE		61	OUTLET	510UL
		2.05	107	3	NQI		009	+21.21 TO+31.22	UTE	LTE		61	OUTLET	510UL
17	75	1.02	120	P 1	NQI		008	-0.72	UTE	LTE		62	OUTLET	510UL
17	77	0.60	57	P 1	NQI		009	-0.67	UTE	LTE		62	OUTLET	510UL
		0.71	37	P 1	NQI		009	+0.70	UTE	LTE		62	OUTLET	510UL
17	79	11.42	188	P 1	DNT		015	-0.78	UTE	LTE		62	OUTLET	510UL
17	80	8.34	179	P 1	DNT		015	-0.75	UTE	LTE		61	OUTLET	510UL
17	81	9.63	191	P 1	DNT		015	-0.65	UTE	LTE		62	OUTLET	510UL
17	82	12.66	182	P 1	DNT		015	-0.51	UTE	LTE		61	OUTLET	510UL
18	2	1.20	104	P 1	NQI		014	+0.60	UTE	LTE		51	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
18	4	0.69	71	3	NQI		009	+16.72	UTE	LTE		52	OUTLET	510UL
18	5	0.31	63	P 1	NQI		015	-0.40	UTE	LTE		51	OUTLET	510UL
18	16	0.47	73	3	NQI		004	+2.73	UTE	LTE		52	OUTLET	510UL
18	56	0.37	115	3	TWD	6	003	+2.47	UTE	LTE		62	OUTLET	510UL
18	66	0.47	123	3	NQI		013	+24.13	UTE	LTE		67	OUTLET	510UL
18	71	0.66	140	P 1	NQI		008	+0.58	UTE	LTE		66	OUTLET	510UL
18	79	0.54	106	P 1	NQI		010	+0.57	UTE	LTE		67	OUTLET	510UL
		0.47	111	P 1	NQI		010	+0.11	UTE	LTE		67	OUTLET	510UL
		0.98	106	3	NQI		009	+23.52	UTE	LTE	TO+28.14	67	OUTLET	510UL
18	81	0.56	93	P 1	NQI		009	+0.55	UTE	LTE		67	OUTLET	510UL
		0.99	126	P 1	NQI		009	-0.72	UTE	LTE		67	OUTLET	510UL
19	5	0.59	113	P 1	NQI		009	+0.51	UTE	LTE		52	OUTLET	510UL
19	11	0.64	131	P 1	NQI		007	-0.82	UTE	LTE		52	OUTLET	510UL
19	16	0.40	76	P 1	NQI		UTS	+13.18	UTE	LTE		51	OUTLET	510UL
19	17	0.31	66	3	NQI		011	+6.87	UTE	LTE		52	OUTLET	510UL
19	19	0.52	86	P 1	NQI		011	-0.83	UTE	LTE		52	OUTLET	510UL
19	55	0.82	88	P 1	NQI		011	-0.78	UTE	LTE		67	OUTLET	510UL
19	67	0.42	99	P 1	NQI		014	+0.48	UTE	LTE		67	OUTLET	510UL
19	71	0.73	87	P 1	NQI		013	+0.80	UTE	LTE		67	OUTLET	510UL
		0.21	95	3	NQI		001	+14.48	UTE	LTE		67	OUTLET	510UL
19	78	0.77	99	P 1	NQI		008	-0.70	UTE	LTE		66	OUTLET	510UL
19	79	0.63	109	3	NQI		009	+21.09	UTE	LTE	TO+26.21	67	OUTLET	510UL
		0.72	127	P 1	NQI		008	-0.63	UTE	LTE		67	OUTLET	510UL
19	80	0.82	102	3	NQI		009	+23.85	UTE	LTE		66	OUTLET	510UL
19	82	0.67	60	P 1	NQI		009	+0.70	UTE	LTE		66	OUTLET	510UL
		1.19	98	P 1	NQI		010	+0.47	UTE	LTE		66	OUTLET	510UL
19	86	4.44	48	P 1	NQI		015	+0.78	UTE	LTE		66	OUTLET	510UL
20	16	0.99	128	3	NQI		010	+28.73	UTE	LTE		52	OUTLET	510UL
20	19	0.55	73	3	NQI		014	+16.34	UTE	LTE		51	OUTLET	510UL
20	30	0.34	84	3	NQI		011	+34.97	UTE	LTE		52	OUTLET	510UL
20	73	0.62	60	P 1	NQI		008	+0.57	UTE	LTE		67	OUTLET	510UL
20	75	0.50	79	P 1	NQI		008	+0.46	UTE	LTE		67	OUTLET	510UL
20	77	0.64	105	P 1	NQI		008	-0.65	UTE	LTE		67	OUTLET	510UL
20	78	1.21	118	P 1	NQI		008	-0.60	UTE	LTE		66	OUTLET	510UL
		0.72	103	P 1	NQI		009	+0.63	UTE	LTE		66	OUTLET	510UL
20	79	0.63	45	P 1	NQI		008	+0.71	UTE	LTE		67	OUTLET	510UL
20	80	0.49	109	3	NQI		012	+1.19	UTE	LTE		66	OUTLET	510UL
20	81	0.67	90	P 1	NQI		009	+0.66	UTE	LTE		67	OUTLET	510UL
20	83	0.54	82	3	NQI		014	+31.06	UTE	LTE		67	OUTLET	510UL
21	2	0.21	92	3	NQI		014	+13.59	UTE	LTE		52	OUTLET	510UL
21	6	0.41	97	3	NQI		006	+4.55	UTE	LTE		52	OUTLET	510UL
21	8	0.27	100	3	NQI		012	+31.20	UTE	LTE		52	OUTLET	510UL
21	15	1.10	117	P 1	NQI		007	-0.80	UTE	LTE		52	OUTLET	510UL
21	19	0.21	103	3	TWD	22	LTS	+18.42	UTE	LTE		52	OUTLET	510UL
21	38	0.32	97	3	NQI		014	+10.75	UTE	LTE		51	OUTLET	510UL
21	72	1.49	61	P 1	NQI		011	-0.78	UTE	LTE		66	OUTLET	510UL
21	77	0.56	93	P 1	NQI		011	-0.78	UTE	LTE		67	OUTLET	510UL
21	78	0.84	46	P 1	NQI		009	+0.65	UTE	LTE		66	OUTLET	510UL
21	81	0.27	56	P 1	NQI		012	+0.41	UTE	LTE		67	OUTLET	510UL
21	84	1.03	137	P 1	NQI		008	-0.69	UTE	LTE		67	OUTLET	510UL
21	85	0.60	91	P 1	NQI		009	+0.59	UTE	LTE		66	OUTLET	510UL
21	88	0.59	94	3	NQI		014	+33.23	UTE	LTE		67	OUTLET	510UL
22	20	0.31	85	3	NQI		008	+26.38	UTE	LTE		51	OUTLET	510UL
		0.31	72	3	NQI		008	+1.62	UTE	LTE		51	OUTLET	510UL
22	70	1.05	61	P 1	NQI		011	-0.78	UTE	LTE		66	OUTLET	510UL
22	74	0.32	97	3	NQI		LTS	+35.48	UTE	LTE		66	OUTLET	510UL
		0.82	114	3	NQI		LTS	+24.15	UTE	LTE		66	OUTLET	510UL
		3.44	112	3	NQI		LTS	+23.40	UTE	LTE		66	OUTLET	510UL
22	89	0.66	62	P 1	NQI		009	+0.75	UTE	LTE		67	OUTLET	510UL
22	90	0.94	92	P 1	NQI		009	-0.77	UTE	LTE		66	OUTLET	510UL
		0.85	61	P 1	NQI		009	+0.63	UTE	LTE		66	OUTLET	510UL
22	93	10.07	189	P 1	DNT		015	-0.67	UTE	LTE		67	OUTLET	510UL
23	19	0.29	92	3	NQI		003	+24.63	UTE	LTE		51	OUTLET	510UL
23	35	0.32	51	3	NQI		015	+37.18	UTE	LTE		51	OUTLET	510UL
23	48	0.26	107	3	NQI		011	+25.85	UTE	LTE		71	OUTLET	510UL
23	80	0.33	73	P 1	NQI		LTE	+18.85	UTE	LTE		67	OUTLET	510UL
23	93	1.07	110	3	NQI		006	+1.54	UTE	LTE		66	OUTLET	510UL
24	7	0.33	92	3	NQI		011	+24.99	UTE	LTE		51	OUTLET	510UL
24	18	0.36	101	3	NQI		006	+23.09	UTE	LTE		52	OUTLET	510UL
		0.38	80	3	NQI		006	+22.68	UTE	LTE		52	OUTLET	510UL
24	19	0.48	74	P 1	NQI		007	-0.44	UTE	LTE		51	OUTLET	510UL
24	37	0.78	87	P 1	TWD	3	014	+0.91	UTE	LTE		51	OUTLET	510UL
24	45	0.27	102	3	NQI		009	+18.77	UTE	LTE		51	OUTLET	510UL
24	74	0.39	84	3	NQI		014	+21.85	UTE	LTE		72	OUTLET	510UL
24	80	0.24	99	3	NQI		013	-1.74	UTE	LTE		72	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
24	87	0.91	85	P 1	NQI		LTE +3.78	UTE	LTE			71	OUTLET	510UL
25	3	0.53	128	P 1	NQI		009 +0.64	UTE	LTE			51	OUTLET	510UL
25	4	0.56	70	P 1	NQI		009 +0.60	UTE	LTE			52	OUTLET	510UL
25	24	0.39	89	3	NQI		012 +3.28	UTE	LTE			51	OUTLET	510UL
		0.26	105	3	NQI		011 +34.85	UTE	LTE			51	OUTLET	510UL
		0.26	94	3	NQI		011 +33.80	UTE	LTE			51	OUTLET	510UL
		0.21	80	3	NQI		011 +12.12	UTE	LTE			51	OUTLET	510UL
		0.26	86	3	NQI		008 +15.43	UTE	LTE			51	OUTLET	510UL
25	69	0.60	92	3	NQI		004 +8.95	UTE	LTE			71	OUTLET	510UL
25	87	0.33	89	3	NQI		013 +4.46	UTE	LTE			71	OUTLET	510UL
25	96	0.45	72	3	NQI		012 +9.03	UTE	LTE			72	OUTLET	510UL
26	3	0.39	88	P 1	NQI		009 -0.78	UTE	LTE			48	OUTLET	510UL
26	5	0.42	124	P 1	NQI		008 -0.80	UTE	LTE			48	OUTLET	510UL
26	15	0.43	83	3	NQI		001 +1.72	UTE	LTE			48	OUTLET	510UL
		0.31	67	3	NQI		001 +1.85	UTE	LTE			48	OUTLET	510UL
26	17	0.20	105	3	NQI		011 +18.79	UTE	LTE			48	OUTLET	510UL
		0.19	85	3	NQI		009 +8.30	UTE	LTE			48	OUTLET	510UL
26	22	11.62	180	3	DNT		010 +8.21	UTE	LTE			47	OUTLET	510UL
26	56	0.59	80	P 1	NQI		013 +0.74	UTE	LTE			72	OUTLET	510UL
26	67	0.30	85	3	NQI		012 +24.10	UTE	LTE			71	OUTLET	510UL
26	87	0.45	125	3	NQI		LTS +19.07	UTE	LTE			72	OUTLET	510UL
		0.47	106	3	NQI		013 +1.15	UTE	LTE			72	OUTLET	510UL
26	98	0.59	105	3	TWD	15	012 +1.47	UTE	LTE			71	OUTLET	510UL
27	1	8.43	18	P 1	DNT		UTS -0.22	UTE	LTE			48	OUTLET	510UL
		7.39	14	P 1	DNT		015 +0.97	UTE	LTE			48	OUTLET	510UL
27	28	0.43	86	3	NQI		005 +29.92	UTE	LTE			47	OUTLET	510UL
27	41	0.21	114	P 1	NQI		013 +0.04	UTE	LTE			48	OUTLET	510UL
27	47	0.40	57	3	NQI		010 +9.90	UTE	LTE			48	OUTLET	510UL
27	78	0.46	97	P 1	NQI		004 -0.77	UTE	LTE			71	OUTLET	510UL
27	81	0.70	80	3	NQI		015 +29.71	UTE	LTE			72	OUTLET	510UL
27	90	14.55	176	3	DNT		011 +13.55	UTE	LTE			72	OUTLET	510UL
27	91	0.44	104	3	NQI		013 +8.22	UTE	LTE			71	OUTLET	510UL
27	100	0.76	104	P 1	NQI		010 +0.78	UTE	LTE			72	OUTLET	510UL
28	1	5.68	31	P 1	NQI		UTS -0.28	UTE	LTE			48	OUTLET	510UL
28	5	0.22	82	P 1	NQI		008 -0.59	UTE	LTE			48	OUTLET	510UL
28	43	0.52	103	3	NQI		005 +10.19	UTE	LTE			48	OUTLET	510UL
28	64	12.71	184	3	DNT		001 +32.25	UTE	LTE			71	OUTLET	510UL
		10.00	182	3	DNT		001 +25.24	UTE	LTE			71	OUTLET	510UL
28	98	0.38	87	3	NQI		004 +27.03	UTE	LTE			72	OUTLET	510UL
29	2	13.11	185	P 1	DNT		010 +0.35	UTE	LTE			47	OUTLET	510UL
		0.61	123	P 1	NQI		011 +0.47	UTE	LTE			47	OUTLET	510UL
29	5	0.51	92	P 1	NQI		009 +0.62	UTE	LTE			48	OUTLET	510UL
29	8	0.36	89	3	NQI		003 +14.75	UTE	LTE			47	OUTLET	510UL
29	39	0.13	95	P 1	NQI		014 -0.17	UTE	LTE			48	OUTLET	510UL
29	49	0.19	57	3	NQI		012 +19.75	UTE	LTE			48	OUTLET	510UL
29	67	0.31	99	3	NQI		008 +22.85	UTE	LTE			71	OUTLET	510UL
29	72	10.79	184	3	DNT		LTS +40.40	UTE	LTE			72	OUTLET	510UL
29	76	0.51	102	3	NQI		013 +6.47	UTE	LTE			72	OUTLET	510UL
29	82	0.94	122	P 1	NQI		011 -0.78	UTE	LTE			72	OUTLET	510UL
29	83	0.90	76	P 1	NQI		011 -0.73	UTE	LTE			71	OUTLET	510UL
29	102	1.01	103	3	NQI		008 +6.29	UTE	LTE			72	OUTLET	510UL
		0.81	107	3	NQI		008 +6.90	UTE	LTE			72	OUTLET	510UL
		0.73	80	3	NQI		008 +8.84	UTE	LTE			72	OUTLET	510UL
30	1	0.50	91	P 1	NQI		015 -0.39	UTE	LTE			48	OUTLET	510UL
30	4	0.44	121	P 1	NQI		008 +0.58	UTE	LTE			47	OUTLET	510UL
		0.41	68	P 1	NQI		010 -0.54	UTE	LTE			47	OUTLET	510UL
30	6	0.67	75	P 1	NQI		008 -0.54	UTE	LTE			47	OUTLET	510UL
30	21	0.60	127	P 1	NQI		007 -0.78	UTE	LTE			48	OUTLET	510UL
30	38	0.53	58	3	NQI		003 +5.03	UTE	LTE			47	OUTLET	510UL
30	51	0.33	70	P 1	NQI		004 -1.11	UTE	LTE			48	OUTLET	510UL
30	103	0.51	101	P 1	NQI		008 +0.13	UTE	LTE			75	OUTLET	510UL
30	104	0.55	81	P 1	NQI		008 -0.51	UTE	LTE			75	OUTLET	510UL
31	1	10.95	183	P 1	DNT		010 +0.28	UTE	LTE			48	OUTLET	510UL
31	6	0.57	113	3	NQI		010 +14.41	UTE	LTE			48	OUTLET	510UL
		0.38	38	3	NQI		009 +38.07	UTE	LTE			48	OUTLET	510UL
31	8	0.47	73	P 1	NQI		009 +0.60	UTE	LTE			48	OUTLET	510UL
31	26	0.32	70	3	NQI		008 +37.55	UTE	LTE			48	OUTLET	510UL
31	44	0.81	100	P 1	NQI		LTE +5.01	UTE	LTE			48	OUTLET	510UL
31	52	0.27	107	3	NQI		013 +20.88	UTE	LTE			48	OUTLET	510UL
31	76	0.24	84	3	NQI		011 +2.07	UTE	LTE			76	OUTLET	510UL
		0.96	124	P 1	NQI		011 -0.81	UTE	LTE			76	OUTLET	510UL
31	85	0.38	96	3	TWD	33	014 +11.44	UTE	LTE			75	OUTLET	510UL
31	104	0.34	86	P 1	TWD	13	014 +1.20	UTE	LTE			75	OUTLET	510UL
32	4	0.51	102	3	NQI		005 +1.88	UTE	LTE			47	OUTLET	510UL
32	5	0.81	56	P 1	NQI		009 +0.63	UTE	LTE			47	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
32	15	0.13	97	P 1	NQI		007	-0.90	UTE	LTE			48	OUTLET	510UL
32	53	0.49	83	P 1	NQI		LTE	+4.62	UTE	LTE			48	OUTLET	510UL
32	58	0.30	93	3	NQI		010	+33.59	UTE	LTE			84	OUTLET	510UL
32	60	0.14	67	P 1	NQI		013	-0.09	UTE	LTE			84	OUTLET	510UL
32	61	0.33	93	3	NQI		007	+6.74	UTE	LTE			83	OUTLET	510UL
32	62	0.19	115	P 1	NQI		013	+0.00	UTE	LTE			84	OUTLET	510UL
32	86	0.43	103	3	TWD	22	LTS	+41.80	UTE	LTE			76	OUTLET	510UL
32	106	0.26	78	P 1	NQI		008	-0.68	UTE	LTE			76	OUTLET	510UL
33	1	11.10	15	P 1	BLG		UTS	+0.00	UTE	LTE			48	OUTLET	510UL
		9.26	175	P 1	DNT		015	+0.78	UTE	LTE			48	OUTLET	510UL
		0.31	90	3	NQI		002	+25.57	UTE	LTE			48	OUTLET	510UL
33	2	0.43	97	P 1	NQI		014	+0.24	UTE	LTE			48	OUTLET	510UL
		0.43	104	3	NQI		009	+37.93	UTE	LTE			48	OUTLET	510UL
33	4	0.83	114	P 1	NQI		010	-0.59	UTE	LTE			48	OUTLET	510UL
33	6	0.77	86	P 1	NQI		008	-0.39	UTE	LTE			48	OUTLET	510UL
		0.44	112	3	NQI		009	+14.52	UTE	LTE			48	OUTLET	510UL
33	30	0.90	75	P 1	NQI		013	-0.18	UTE	LTE			47	OUTLET	510UL
33	39	0.43	76	3	NQI		011	+31.88	UTE	LTE			48	OUTLET	510UL
33	81	0.53	86	3	NQI		011	+28.22	UTE	LTE			76	OUTLET	510UL
		1.22	152	P 1	NQI		011	-0.85	UTE	LTE			76	OUTLET	510UL
33	106	0.64	134	P 1	NQI		009	+0.49	UTE	LTE			76	OUTLET	510UL
33	107	0.36	123	3	NQI		005	+1.15	UTE	LTE			75	OUTLET	510UL
		0.81	112	P 1	NQI		008	-0.55	UTE	LTE			75	OUTLET	510UL
34	3	1.27	91	6	ADI		010	+2.65	UTE	LTE			48	OUTLET	510UL
34	6	0.71	60	P 1	NQI		008	-0.51	UTE	LTE			47	OUTLET	510UL
		0.59	43	P 1	NQI		009	+0.64	UTE	LTE			47	OUTLET	510UL
34	20	1.20	77	P 1	NQI		012	+0.89	UTE	LTE			47	OUTLET	510UL
34	22	0.60	88	3	NQI		011	+4.74	UTE	LTE			47	OUTLET	510UL
34	23	0.66	118	P 1	NQI		007	-0.74	UTE	LTE			48	OUTLET	510UL
34	57	0.43	77	3	NQI		008	+16.13	UTE	LTE			83	OUTLET	510UL
34	77	6.38	181	3	DNT		LTS	+16.44	UTE	LTE			75	OUTLET	510UL
34	91	0.52	110	3	TWD	5	014	+1.37	UTE	LTE			76	OUTLET	510UL
34	107	0.61	104	P 1	NQI		008	+0.59	UTE	LTE			76	OUTLET	510UL
35	2	8.56	183	P 1	DNT		010	-0.38	UTE	LTE			41	OUTLET	510UL
35	6	0.46	54	P 1	NQI		008	-0.52	UTE	LTE			42	OUTLET	510UL
35	73	0.47	78	P 1	NQI		013	-0.18	UTE	LTE			75	OUTLET	510UL
35	77	0.71	116	3	NQI		015	+42.83	UTE	LTE			75	OUTLET	510UL
35	108	0.67	16	P 1	NQI		008	+0.46	UTE	LTE			76	OUTLET	510UL
36	5	8.04	185	P 1	DNT		010	-0.07	UTE	LTE			42	OUTLET	510UL
		0.78	119	6	ADI		010	+1.33	UTE	LTE	TO+6.80		42	OUTLET	510UL
		26.86	182	3	DNT		LTE	+15.99	UTE	LTE			42	OUTLET	510UL
36	6	7.26	181	3	DNT		UTS	+12.14	UTE	LTE			41	OUTLET	510UL
		16.08	180	3	DNT		LTE	+16.31	UTE	LTE			41	OUTLET	510UL
36	8	1.10	83	P 1	NQI		008	-0.62	UTE	LTE			41	OUTLET	510UL
36	9	0.51	125	P 1	NQI		008	-0.69	UTE	LTE			41	OUTLET	510UL
36	83	0.30	97	3	NQI		014	+11.56	UTE	LTE			75	OUTLET	510UL
36	85	0.66	81	3	NQI		006	+15.93	UTE	LTE			75	OUTLET	510UL
36	109	0.27	79	P 1	NQI		009	+0.58	UTE	LTE			75	OUTLET	510UL
36	110	0.53	89	P 1	NQI		014	+0.98	UTE	LTE			76	OUTLET	510UL
36	113	0.46	74	P 1	NQI		008	+0.69	UTE	LTE			76	OUTLET	510UL
37	20	0.50	104	3	NQI		LTS	+13.08	UTE	LTE			41	OUTLET	510UL
37	25	0.33	81	3	NQI		010	+30.29	UTE	LTE			41	OUTLET	510UL
37	32	0.21	93	3	NQI		008	+15.03	UTE	LTE			42	OUTLET	510UL
		0.32	112	3	NQI		010	+1.55	UTE	LTE			42	OUTLET	510UL
		0.24	94	3	NQI		008	+27.74	UTE	LTE			42	OUTLET	510UL
		0.25	129	3	NQI		008	+24.97	UTE	LTE			42	OUTLET	510UL
37	59	6.04	184	3	DNT		006	+2.74	UTE	LTE			83	OUTLET	510UL
37	79	0.27	107	3	NQI		015	+32.89	UTE	LTE			75	OUTLET	510UL
37	107	0.41	108	3	TWD	14	001	+6.24	UTE	LTE			75	OUTLET	510UL
37	114	0.44	66	P 1	NQI		008	-0.18	UTE	LTE			76	OUTLET	510UL
38	5	0.53	109	3	NQI		009	+32.51	UTE	LTE	TO+38.91		42	OUTLET	510UL
		0.79	60	P 1	NQI		009	+0.62	UTE	LTE			42	OUTLET	510UL
		0.57	33	P 1	NQI		008	+0.74	UTE	LTE			42	OUTLET	510UL
38	6	24.11	182	3	DNT		LTE	+15.83	UTE	LTE			41	OUTLET	510UL
		8.07	180	3	DNT		UTS	+12.20	UTE	LTE			41	OUTLET	510UL
38	8	0.41	122	P 1	NQI		008	-0.65	UTE	LTE			42	OUTLET	510UL
38	19	0.47	70	3	NQI		011	+5.14	UTE	LTE			41	OUTLET	510UL
38	24	0.34	92	3	NQI		010	+30.55	UTE	LTE			42	OUTLET	510UL
38	34	0.43	92	P 1	NQI		013	+0.50	UTE	LTE			42	OUTLET	510UL
38	46	0.25	75	3	NQI		008	+10.59	UTE	LTE			42	OUTLET	510UL
38	61	0.28	92	3	NQI		015	+25.21	UTE	LTE			83	OUTLET	510UL
38	100	0.48	56	3	NQI		012	+33.26	UTE	LTE			76	OUTLET	510UL
38	103	0.28	88	3	NQI		013	+9.82	UTE	LTE			75	OUTLET	510UL
38	115	0.52	100	P 1	NQI		008	-0.18	UTE	LTE			76	OUTLET	510UL
39	6	0.28	99	P 1	NQI		010	+0.60	UTE	LTE			41	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
39	7	1.12	90	6	ADI		009	+21.49	TO+28.78	UTE	LTE	42	OUTLET	510UL
		0.55	113	3	NQI		013	+22.20		UTE	LTE	42	OUTLET	510UL
		0.27	77	3	NQI		010	+25.99		UTE	LTE	42	OUTLET	510UL
		0.27	95	P 1	NQI		013	-0.20		UTE	LTE	42	OUTLET	510UL
39	10	0.43	63	P 1	NQI		008	+0.69		UTE	LTE	41	OUTLET	510UL
39	17	0.43	126	3	NQI		001	+4.03		UTE	LTE	42	OUTLET	510UL
39	56	8.02	180	3	DNT		008	+15.92		UTE	LTE	41	OUTLET	510UL
39	79	0.70	97	3	NQI		006	+11.24		UTE	LTE	79	OUTLET	510UL
40	2	0.67	108	P 1	NQI		010	+0.52		UTE	LTE	42	OUTLET	510UL
40	4	1.02	80	P 1	NQI		009	+0.69		UTE	LTE	42	OUTLET	510UL
40	5	0.49	103	3	NQI		010	+2.91		UTE	LTE	41	OUTLET	510UL
		0.42	84	P 1	NQI		010	+0.13		UTE	LTE	41	OUTLET	510UL
		0.35	74	P 1	NQI		010	+0.64		UTE	LTE	41	OUTLET	510UL
40	6	0.52	60	P 1	NQI		009	+0.18		UTE	LTE	42	OUTLET	510UL
		0.31	103	P 1	NQI		010	+0.39		UTE	LTE	42	OUTLET	510UL
40	8	0.78	155	P 1	NQI		008	-0.69		UTE	LTE	42	OUTLET	510UL
40	80	2.75	112	3	NQI		015	+8.53		UTE	LTE	83	OUTLET	510UL
40	110	7.68	191	3	DNT		LTS	+13.21		UTE	LTE	84	OUTLET	510UL
		6.67	187	3	DNT		LTE	+16.29		UTE	LTE	84	OUTLET	510UL
		6.63	187	3	DNT		LTE	+2.78		UTE	LTE	84	OUTLET	510UL
		8.54	187	3	DNT		LTE	+23.09		UTE	LTE	84	OUTLET	510UL
40	117	0.30	99	3	NQI		015	+26.53		UTE	LTE	84	OUTLET	510UL
41	4	0.85	66	P 1	NQI		012	-0.33		UTE	LTE	12	OUTLET	510UL
41	5	0.60	96	P 1	NQI		010	+0.46		UTE	LTE	13	OUTLET	510UL
		0.57	91	3	NQI		009	+24.75		UTE	LTE	13	OUTLET	510UL
41	26	0.26	95	3	NQI		012	+34.18		UTE	LTE	12	OUTLET	510UL
41	50	0.25	96	3	NQI		009	+20.56		UTE	LTE	12	OUTLET	510UL
41	55	0.64	110	3	TWD	8	003	+22.83		UTE	LTE	13	OUTLET	510UL
41	62	0.30	127	3	NQI		015	+18.85		UTE	LTE	83	OUTLET	510UL
41	63	0.36	81	3	NQI		006	+13.50		UTE	LTE	83	OUTLET	510UL
41	75	0.27	96	3	NQI		009	+4.41		UTE	LTE	84	OUTLET	510UL
41	113	0.63	86	P 1	NQI		008	+0.62		UTE	LTE	83	OUTLET	510UL
41	114	0.40	104	3	NQI		008	+29.21		UTE	LTE	84	OUTLET	510UL
42	3	1.27	28	P 1	NQI		009	+0.73		UTE	LTE	20	OUTLET	510UL
42	4	0.20	87	P 1	NQI		010	+0.38		UTE	LTE	21	OUTLET	510UL
		0.44	88	P 1	NQI		009	+0.69		UTE	LTE	21	OUTLET	510UL
42	5	0.49	71	P 1	NQI		009	+0.61		UTE	LTE	20	OUTLET	510UL
		0.63	139	P 1	NQI		010	+0.56		UTE	LTE	20	OUTLET	510UL
42	14	0.54	101	3	NQI		005	+32.79		UTE	LTE	36	OUTLET	510UL
42	26	0.50	68	P 1	NQI		UTS	+18.36		UTE	LTE	13	OUTLET	510UL
42	48	0.32	92	3	NQI		005	+20.10		UTE	LTE	13	OUTLET	510UL
42	52	0.30	87	3	NQI		015	+19.14		UTE	LTE	13	OUTLET	510UL
42	72	0.33	74	3	NQI		006	+29.04		UTE	LTE	83	OUTLET	510UL
42	109	0.21	85	3	NQI		011	+22.54		UTE	LTE	87	OUTLET	510UL
42	112	0.38	103	3	NQI		002	+21.92	TO+29.50	UTE	LTE	88	OUTLET	510UL
42	114	0.62	80	3	NQI		011	+25.96		UTE	LTE	88	OUTLET	510UL
42	116	0.32	110	3	NQI		002	+21.91		UTE	LTE	88	OUTLET	510UL
42	117	0.43	108	P 1	NQI		008	+0.32		UTE	LTE	88	OUTLET	510UL
43	1	0.25	88	3	NQI		012	+19.96		UTE	LTE	21	OUTLET	510UL
43	6	0.46	121	P 1	NQI		008	+0.54		UTE	LTE	20	OUTLET	510UL
43	7	0.74	69	P 1	NQI		008	+0.64		UTE	LTE	21	OUTLET	510UL
43	21	0.28	99	3	NQI		010	+17.85		UTE	LTE	21	OUTLET	510UL
		0.47	102	3	NQI		006	+27.86		UTE	LTE	21	OUTLET	510UL
43	86	0.42	77	P 1	NQI		010	+0.06		UTE	LTE	88	OUTLET	510UL
43	112	0.52	99	3	NQI		012	+18.17		UTE	LTE	88	OUTLET	510UL
44	3	1.02	43	P 1	NQI		009	+0.73		UTE	LTE	20	OUTLET	510UL
		1.86	86	P 1	NQI		014	+0.77		UTE	LTE	20	OUTLET	510UL
44	4	2.94	92	P 1	TWD	36	014	+0.79		UTE	LTE	21	OUTLET	510UL
44	16	0.34	117	3	NQI		005	+25.72		UTE	LTE	21	OUTLET	510UL
44	23	0.48	96	3	NQI		014	+1.15		UTE	LTE	21	OUTLET	510UL
44	65	6.46	188	P 1	DNT		LTS	-0.09		UTE	LTE	87	OUTLET	510UL
44	100	7.35	182	3	DNT		001	+5.93		UTE	LTE	87	OUTLET	510UL
45	1	0.45	101	P 1	NQI		014	-0.81		UTE	LTE	21	OUTLET	510UL
45	3	0.32	106	3	NQI		010	+5.10		UTE	LTE	21	OUTLET	510UL
45	5	0.46	89	P 1	NQI		009	+0.67		UTE	LTE	21	OUTLET	510UL
45	22	0.28	81	3	NQI		001	+3.96		UTE	LTE	20	OUTLET	510UL
45	42	0.29	95	3	NQI		LTS	+42.42		UTE	LTE	21	OUTLET	510UL
		0.41	120	3	NQI		LTS	+41.87		UTE	LTE	21	OUTLET	510UL
45	62	0.42	93	3	NQI		009	+18.12		UTE	LTE	91	OUTLET	510UL
45	65	6.78	180	P 1	DNT		LTS	-0.09		UTE	LTE	92	OUTLET	510UL
45	66	6.07	189	P 1	DNT		LTS	+0.00		UTE	LTE	107	OUTLET	510UL
45	88	0.28	94	3	NQI		007	+31.91		UTE	LTE	92	OUTLET	510UL
45	89	0.30	96	3	NQI		013	+13.30		UTE	LTE	91	OUTLET	510UL
45	119	0.66	127	P 1	NQI		008	-0.57		UTE	LTE	107	OUTLET	510UL
46	4	1.74	81	P 1	NQI		010	+0.65		UTE	LTE	20	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
46	26	2.02	35	P 1	NQI		014	+0.74	UTE	LTE		20	OUTLET	510UL
46	50	0.25	107	3	NQI		013	+7.26	UTE	LTE		21	OUTLET	510UL
		0.31	96	3	NQI		008	+22.48	UTE	LTE		21	OUTLET	510UL
46	76	0.37	85	3	NQI		007	+30.13	UTE	LTE		92	OUTLET	510UL
46	83	0.42	124	3	DWI		014	+15.37	UTE	LTE		91	OUTLET	510UL
		2.92	189	3	DNT		014	+15.22	UTE	LTE		91	OUTLET	510UL
		0.48	40	3	DWI		014	+3.64	UTE	LTE		91	OUTLET	510UL
		2.27	187	3	DNT		014	+3.64	UTE	LTE		91	OUTLET	510UL
		0.33	84	3	NQI		LTS	+18.32	UTE	LTE		91	OUTLET	510UL
46	95	0.51	104	P 1	NQI		014	-0.53	UTE	LTE		91	OUTLET	510UL
46	99	1.23	56	P 1	NQI		011	-0.81	UTE	LTE		91	OUTLET	510UL
47	4	1.38	68	P 1	NQI		010	+0.63	UTE	LTE		20	OUTLET	510UL
47	8	0.35	76	3	NQI		014	+5.36	UTE	LTE		20	OUTLET	510UL
47	46	0.38	97	P 1	NQI		014	+0.42	UTE	LTE		21	OUTLET	510UL
47	74	6.14	181	P 1	DNT		LTS	+0.00	UTE	LTE		92	OUTLET	510UL
47	75	0.27	93	3	NQI		012	+31.92	UTE	LTE		91	OUTLET	510UL
		0.41	105	3	NQI		012	+8.61	UTE	LTE		91	OUTLET	510UL
		0.27	99	3	NQI		010	+4.28	UTE	LTE		91	OUTLET	510UL
		0.30	80	3	NQI		009	+30.72	UTE	LTE		91	OUTLET	510UL
		0.41	101	3	NQI		008	+26.79	UTE	LTE		91	OUTLET	510UL
		0.25	90	3	NQI		007	+23.51	UTE	LTE		91	OUTLET	510UL
47	83	0.47	92	3	NQI		003	+22.13	UTE	LTE		91	OUTLET	510UL
47	85	0.30	88	3	NQI		014	+22.59	UTE	LTE		91	OUTLET	510UL
47	90	0.26	57	3	NQI		013	+24.75	UTE	LTE		92	OUTLET	510UL
47	93	0.31	107	3	NQI		010	+13.42	UTE	LTE		91	OUTLET	510UL
47	103	0.55	61	P 1	NQI		012	+0.39	UTE	LTE		91	OUTLET	510UL
47	105	0.25	87	3	NQI		014	+2.04	UTE	LTE		91	OUTLET	510UL
47	114	1.11	40	P 1	NQI		UTS	+13.81	UTE	LTE		92	OUTLET	510UL
47	117	0.33	128	3	NQI		015	+12.50	UTE	LTE		91	OUTLET	510UL
47	122	0.57	110	3	NQI		010	+1.23	UTE	LTE		92	OUTLET	510UL
		0.99	107	3	NQI		015	+18.77	UTE	LTE		92	OUTLET	510UL
48	3	0.48	72	P 1	NQI		009	+0.64	UTE	LTE		20	OUTLET	510UL
48	29	0.22	106	3	NQI		008	+22.87	UTE	LTE		20	OUTLET	510UL
48	44	0.46	91	P 1	NQI		014	+0.42	UTE	LTE		20	OUTLET	510UL
48	61	10.99	181	3	DNT		008	+16.82	UTE	LTE		36	OUTLET	510UL
48	63	0.26	57	P 1	NQI		014	+0.09	UTE	LTE		122	OUTLET	510UL
48	74	6.06	191	P 1	DNT		LTS	-0.26	UTE	LTE		93	OUTLET	510UL
48	75	8.19	180	P 1	DNT		LTS	-0.06	UTE	LTE		94	OUTLET	510UL
48	77	6.77	179	P 1	DNT		LTS	+0.00	UTE	LTE		94	OUTLET	510UL
49	1	6.69	180	P 1	DNT		010	+0.00	UTE	LTE		36	OUTLET	510UL
49	48	0.40	93	3	TWD 35		013	+25.05	UTE	LTE		18	OUTLET	510UL
49	56	0.40	69	3	NQI		013	+31.96	UTE	LTE		18	OUTLET	510UL
49	58	6.22	189	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
49	59	6.30	174	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
49	73	0.18	73	P 1	NQI		014	-0.37	UTE	LTE		107	OUTLET	510UL
49	74	7.09	187	P 1	DNT		LTS	+0.00	UTE	LTE		107	OUTLET	510UL
49	75	8.91	176	P 1	DNT		LTS	+0.00	UTE	LTE		108	OUTLET	510UL
49	76	0.27	97	P 1	NQI		014	+0.24	UTE	LTE		93	OUTLET	510UL
49	77	6.08	181	P 1	DNT		LTS	-0.09	UTE	LTE		94	OUTLET	510UL
49	82	0.32	82	3	NQI		LTS	+18.91	UTE	LTE		93	OUTLET	510UL
49	113	1.22	50	P 1	NQI		011	+0.77	UTE	LTE		93	OUTLET	510UL
49	114	2.35	105	3	TWD 17		011	+1.51	UTE	LTE		93	OUTLET	510UL
49	121	0.32	100	3	NQI		013	+1.56	UTE	LTE		93	OUTLET	510UL
50	3	0.38	107	3	NQI		009	+16.15	UTE	LTE	TO+28.94	26	OUTLET	510UL
		0.77	76	P 1	NQI		009	+0.66	UTE	LTE		26	OUTLET	510UL
50	4	0.39	108	3	NQI		009	+17.04	UTE	LTE		19	OUTLET	510UL
50	11	0.34	96	3	TWD 31		011	+26.43	UTE	LTE		26	OUTLET	510UL
		0.33	99	3	TWD 26		008	+29.46	UTE	LTE		26	OUTLET	510UL
		0.28	86	3	NQI		011	+3.47	UTE	LTE		26	OUTLET	510UL
		0.44	81	3	NQI		008	+7.67	UTE	LTE		26	OUTLET	510UL
50	29	0.37	67	3	NQI		013	+30.90	UTE	LTE		19	OUTLET	510UL
50	62	0.36	113	P 1	NQI		013	+0.31	UTE	LTE		33	OUTLET	510UL
50	70	7.39	185	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
50	71	7.67	184	P 1	DNT		LTS	+0.00	UTE	LTE		96	OUTLET	510UL
50	74	6.12	189	P 1	DNT		LTS	-0.07	UTE	LTE		95	OUTLET	510UL
50	75	8.11	181	P 1	DNT		LTS	+0.00	UTE	LTE		96	OUTLET	510UL
50	76	6.39	191	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
50	77	8.28	180	P 1	DNT		LTS	-0.04	UTE	LTE		96	OUTLET	510UL
50	107	0.39	74	3	NQI		014	+6.54	UTE	LTE		96	OUTLET	510UL
51	3	0.67	90	P 1	NQI		009	+0.74	UTE	LTE		19	OUTLET	510UL
51	4	0.36	69	3	NQI		009	+14.82	UTE	LTE	TO+27.08	26	OUTLET	510UL
51	6	0.49	80	3	NQI		002	+2.59	UTE	LTE		26	OUTLET	510UL
51	28	6.35	187	3	DNT		001	+5.50	UTE	LTE		126	OUTLET	510UL
		6.40	186	3	DNT		LTE	+11.37	UTE	LTE		126	OUTLET	510UL
51	47	0.32	92	3	NQI		013	+11.17	UTE	LTE		19	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
51	57	8.29	177	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
51	58	6.18	192	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
51	59	8.18	176	P 1	DNT		LTS	-0.25	UTE	LTE		36	OUTLET	510UL
51	71	7.72	187	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
51	72	8.36	186	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
51	74	0.30	113	3	NQI		010	+10.51	UTE	LTE		95	OUTLET	510UL
51	78	6.11	192	P 1	DNT		LTS	-0.07	UTE	LTE		95	OUTLET	510UL
51	79	8.38	183	P 1	DNT		LTS	-0.04	UTE	LTE		96	OUTLET	510UL
51	80	7.05	189	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
51	81	6.45	181	P 1	DNT		LTS	-0.04	UTE	LTE		96	OUTLET	510UL
51	123	8.65	27	P 1	BLG		UTS	-0.17	UTE	LTE		95	OUTLET	510UL
51	124	10.49	191	P 1	DNT		UTS	+0.02	UTE	LTE		96	OUTLET	510UL
		6.56	178	P 1	DNT		015	+0.68	UTE	LTE		96	OUTLET	510UL
		0.34	123	3	NQI		UTS	-0.81	UTE	LTE		96	OUTLET	510UL
52	26	0.76	83	3	NQI		012	+28.42	UTE	LTE		26	OUTLET	510UL
52	29	0.39	86	3	NQI		015	+12.69	UTE	LTE		19	OUTLET	510UL
52	35	0.44	86	3	NQI		LTS	+21.83	UTE	LTE		19	OUTLET	510UL
52	54	6.56	180	P 1	DNT		LTS	+0.00	UTE	LTE		19	OUTLET	510UL
52	56	6.25	188	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
52	57	9.54	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
52	58	9.24	189	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
52	59	10.42	177	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
52	60	7.71	188	P 1	DNT		LTS	+0.02	UTE	LTE		33	OUTLET	510UL
52	61	6.32	173	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
52	71	14.47	185	P 1	DNT		LTS	+0.09	UTE	LTE		122	OUTLET	510UL
52	72	25.48	187	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
52	73	16.03	183	P 1	DNT		LTS	+0.04	UTE	LTE		96	OUTLET	510UL
52	74	13.88	187	P 1	DNT		LTS	+0.00	UTE	LTE		95	OUTLET	510UL
52	75	10.39	182	P 1	DNT		LTS	-0.02	UTE	LTE		96	OUTLET	510UL
		0.42	95	3	NQI		011	+22.09	UTE	LTE		96	OUTLET	510UL
52	79	0.24	108	3	TWD	16	012	+21.99	UTE	LTE		96	OUTLET	510UL
52	80	8.44	189	P 1	DNT		LTS	-0.02	UTE	LTE		95	OUTLET	510UL
52	81	7.55	180	P 1	DNT		LTS	-0.02	UTE	LTE		96	OUTLET	510UL
52	98	0.93	50	P 1	NQI		014	+0.72	UTE	LTE		95	OUTLET	510UL
52	108	1.03	47	P 1	NQI		014	+0.74	UTE	LTE		95	OUTLET	510UL
52	113	0.35	106	3	TWD	20	015	+44.57	UTE	LTE		96	OUTLET	510UL
52	121	0.55	101	P 1	NQI		010	+0.46	UTE	LTE		96	OUTLET	510UL
53	1	0.58	86	P 1	NQI		011	+0.46	UTE	LTE		19	OUTLET	510UL
		0.90	85	3	NQI		011	+4.28	UTE	LTE		19	OUTLET	510UL
53	2	0.31	99	3	NQI		012	+34.53	UTE	LTE		26	OUTLET	510UL
53	7	0.20	99	P 1	NQI		009	-0.79	UTE	LTE		19	OUTLET	510UL
		0.39	101	3	NQI		013	+25.11	UTE	LTE		19	OUTLET	510UL
53	17	0.21	109	3	NQI		012	+29.11	UTE	LTE		19	OUTLET	510UL
53	21	0.20	98	3	NQI		010	+14.08	UTE	LTE		19	OUTLET	510UL
53	28	0.36	95	3	NQI		015	+32.33	UTE	LTE		26	OUTLET	510UL
53	30	0.25	98	3	TWD	28	014	+29.49	UTE	LTE		26	OUTLET	510UL
53	54	0.57	87	3	NQI		014	+17.46	UTE	LTE		26	OUTLET	510UL
53	56	9.74	177	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
53	57	10.19	187	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
53	58	8.39	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
53	59	8.67	188	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
53	60	8.54	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
53	68	7.26	186	P 1	DNT		LTS	+0.04	UTE	LTE		126	OUTLET	510UL
53	69	6.62	178	P 1	DNT		LTS	+0.04	UTE	LTE		127	OUTLET	510UL
53	70	6.71	184	P 1	DNT		LTS	+0.09	UTE	LTE		126	OUTLET	510UL
53	71	0.50	76	P 1	NQI		014	+0.40	UTE	LTE		127	OUTLET	510UL
		14.56	178	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
53	72	9.03	182	P 1	DNT		LTS	+0.00	UTE	LTE		122	OUTLET	510UL
53	74	10.44	182	P 1	DNT		LTS	+0.07	UTE	LTE		100	OUTLET	510UL
53	75	20.68	188	P 1	DNT		LTS	+0.02	UTE	LTE		99	OUTLET	510UL
53	76	16.07	181	P 1	DNT		LTS	+0.02	UTE	LTE		100	OUTLET	510UL
53	77	6.42	191	P 1	DNT		LTS	-0.04	UTE	LTE		99	OUTLET	510UL
		0.54	103	3	NQI		003	+25.92	UTE	LTE		99	OUTLET	510UL
53	82	7.71	178	P 1	DNT		LTS	+0.04	UTE	LTE		100	OUTLET	510UL
53	101	0.36	71	P 1	NQI		013	+0.37	UTE	LTE		95	OUTLET	510UL
53	105	0.27	108	3	NQI		013	+18.90	UTE	LTE		95	OUTLET	510UL
54	7	0.81	58	P 1	NQI		013	+0.72	UTE	LTE		126	OUTLET	510UL
54	41	0.40	104	3	NQI		009	+5.94	UTE	LTE		19	OUTLET	510UL
54	55	12.33	187	P 1	DNT		LTS	-0.28	UTE	LTE		26	OUTLET	510UL
54	56	14.15	188	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
54	57	13.65	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
54	58	8.65	184	P 1	DNT		LTS	+0.00	UTE	LTE		33	OUTLET	510UL
54	59	8.69	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
54	60	7.10	184	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
54	62	6.33	186	P 1	DNT		LTS	+0.09	UTE	LTE		33	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
54	63	6.27	172	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
54	65	6.20	184	P 1	DNT		LTS	+0.24	UTE	LTE		126	OUTLET	510UL
54	66	6.27	183	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
54	68	6.11	189	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
54	69	10.46	177	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
54	70	11.45	186	P 1	DNT		LTS	+0.15	UTE	LTE		126	OUTLET	510UL
54	71	8.83	178	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
54	75	9.83	180	P 1	DNT		LTS	+0.11	UTE	LTE		100	OUTLET	510UL
54	76	27.36	187	P 1	DNT		LTS	+0.04	UTE	LTE		99	OUTLET	510UL
54	77	13.44	179	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
54	78	7.03	192	P 1	DNT		LTS	+0.00	UTE	LTE		99	OUTLET	510UL
54	79	7.40	178	P 1	DNT		LTS	-0.17	UTE	LTE		100	OUTLET	510UL
54	80	9.16	189	P 1	DNT		LTS	-0.06	UTE	LTE		99	OUTLET	510UL
54	93	0.36	103	3	NQI		003	+31.41	UTE	LTE		100	OUTLET	510UL
54	124	1.33	117	3	NQI		013	+1.29	UTE	LTE		99	OUTLET	510UL
55	29	0.23	59	P 1	NQI		009	+0.29	UTE	LTE		30	OUTLET	510UL
55	45	0.40	80	3	NQI		008	+11.12	UTE	LTE		30	OUTLET	510UL
55	48	0.31	66	3	NQI		007	+10.21	UTE	LTE		29	OUTLET	510UL
55	54	7.44	182	P 1	DNT		LTS	-0.02	UTE	LTE		29	OUTLET	510UL
55	55	8.51	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
55	56	9.96	186	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
55	57	12.49	177	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
55	58	16.08	185	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
55	59	12.58	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
55	60	6.07	186	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
55	65	6.74	176	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
55	66	7.16	182	P 1	DNT		LTS	+0.04	UTE	LTE		126	OUTLET	510UL
55	68	9.44	184	P 1	DNT		LTS	+0.11	UTE	LTE		126	OUTLET	510UL
55	69	13.26	177	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
55	70	13.40	184	P 1	DNT		LTS	+0.15	UTE	LTE		126	OUTLET	510UL
55	71	9.41	178	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
55	72	6.28	189	P 1	DNT		LTS	+0.04	UTE	LTE		126	OUTLET	510UL
55	73	12.74	179	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
55	74	10.63	188	P 1	DNT		LTS	+0.09	UTE	LTE		99	OUTLET	510UL
55	75	18.50	185	P 1	DNT		LTS	+0.04	UTE	LTE		114	OUTLET	510UL
55	76	14.04	187	P 1	DNT		LTS	+0.09	UTE	LTE		99	OUTLET	510UL
55	77	20.16	180	P 1	DNT		LTS	+0.04	UTE	LTE		100	OUTLET	510UL
55	78	10.08	188	P 1	DNT		LTS	+0.02	UTE	LTE		99	OUTLET	510UL
55	79	14.42	180	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
55	82	0.24	97	3	NQI		008	+9.31	UTE	LTE		99	OUTLET	510UL
55	108	0.22	90	3	NQI		014	+1.37	UTE	LTE		99	OUTLET	510UL
55	120	0.63	117	P 1	NQI		008	-0.59	UTE	LTE		99	OUTLET	510UL
56	9	0.32	52	3	NQI		015	+39.49	UTE	LTE		29	OUTLET	510UL
56	18	0.25	87	3	NQI		009	+33.08	UTE	LTE		30	OUTLET	510UL
56	21	0.26	69	3	NQI		011	+26.31	UTE	LTE		29	OUTLET	510UL
56	32	0.28	90	3	NQI		011	+33.65	UTE	LTE		30	OUTLET	510UL
56	39	0.33	87	3	NQI		012	+10.83	UTE	LTE		29	OUTLET	510UL
56	53	7.78	176	P 1	DNT		LTS	-0.02	UTE	LTE		30	OUTLET	510UL
56	54	0.36	63	3	NQI		012	+29.60	UTE	LTE		29	OUTLET	510UL
		8.51	183	P 1	DNT		LTS	+0.00	UTE	LTE		29	OUTLET	510UL
56	55	6.06	173	P 1	DNT		LTS	+0.04	UTE	LTE		36	OUTLET	510UL
56	57	8.23	173	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
56	58	21.71	186	P 1	DNT		LTS	+0.02	UTE	LTE		33	OUTLET	510UL
56	59	16.38	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
56	60	11.85	187	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
56	61	6.52	172	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
56	62	10.70	187	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
56	63	7.18	173	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
56	64	6.36	186	P 1	DNT		LTS	+0.11	UTE	LTE		33	OUTLET	510UL
56	65	7.44	187	P 1	DNT		LTS	+0.11	UTE	LTE		126	OUTLET	510UL
56	70	9.79	185	P 1	DNT		LTS	+0.15	UTE	LTE		126	OUTLET	510UL
56	71	7.72	177	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
56	73	9.69	175	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
56	74	12.98	187	P 1	DNT		LTS	+0.02	UTE	LTE		126	OUTLET	510UL
56	75	11.40	188	P 1	DNT		LTS	+0.09	UTE	LTE		99	OUTLET	510UL
56	76	12.30	179	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
56	77	10.18	187	P 1	DNT		LTS	+0.07	UTE	LTE		99	OUTLET	510UL
56	78	7.94	183	P 1	DNT		LTS	+0.07	UTE	LTE		114	OUTLET	510UL
56	79	17.78	177	P 1	DNT		LTS	-0.02	UTE	LTE		115	OUTLET	510UL
56	80	14.67	179	P 1	DNT		LTS	-0.06	UTE	LTE		100	OUTLET	510UL
56	82	7.38	177	P 1	DNT		LTS	+0.00	UTE	LTE		100	OUTLET	510UL
56	93	7.23	177	3	DNT		UTS	+6.60	UTE	LTE		101	OUTLET	510UL
56	110	0.62	104	3	TWD	15	011	+1.27	UTE	LTE		114	OUTLET	510UL
56	126	0.37	90	P 1	NQI		009	-0.62	UTE	LTE		102	OUTLET	510UL
57	1	9.80	180	3	DNT		UTS	+12.93	UTE	LTE		30	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
57	2	28.08	179	3	DNT		LTE	+10.97	UTE	LTE		30	OUTLET	510UL
		12.36	178	3	DNT		UTS	+13.05	UTE	LTE		30	OUTLET	510UL
		24.88	178	3	DNT		LTE	+10.94	UTE	LTE		30	OUTLET	510UL
57	5	0.35	106	3	NQI		001	+3.19	UTE	LTE		29	OUTLET	510UL
		0.17	113	3	NQI		LTS	+24.52	UTE	LTE		29	OUTLET	510UL
57	10	0.60	103	3	NQI		011	+1.07	UTE	LTE		30	OUTLET	510UL
57	27	0.27	62	3	NQI		011	+12.99	UTE	LTE		29	OUTLET	510UL
57	42	0.41	108	3	NQI		007	+15.96	UTE	LTE		29	OUTLET	510UL
57	52	6.07	174	P 1	DNT		LTS	-0.06	UTE	LTE		30	OUTLET	510UL
57	53	11.16	184	P 1	DNT		LTS	+0.00	UTE	LTE		29	OUTLET	510UL
57	54	10.51	183	P 1	DNT		LTS	+0.04	UTE	LTE		29	OUTLET	510UL
57	55	0.68	69	3	NQI		LTS	+3.90	UTE	LTE		29	OUTLET	510UL
		7.32	187	P 1	DNT		LTS	+0.07	UTE	LTE		29	OUTLET	510UL
57	56	7.68	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
57	57	11.70	187	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
57	58	14.14	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
57	59	12.57	188	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
57	60	8.23	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
		0.23	88	3	NQI		012	+28.36	UTE	LTE		36	OUTLET	510UL
57	61	9.49	186	P 1	DNT		LTS	+0.07	UTE	LTE		33	OUTLET	510UL
57	62	10.48	176	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
57	63	13.00	185	P 1	DNT		LTS	+0.09	UTE	LTE		33	OUTLET	510UL
57	64	7.18	185	P 1	DNT		LTS	+0.11	UTE	LTE		33	OUTLET	510UL
57	73	9.83	188	P 1	DNT		LTS	+0.24	UTE	LTE		126	OUTLET	510UL
57	74	28.70	181	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
57	75	26.46	186	P 1	DNT		LTS	+0.13	UTE	LTE		126	OUTLET	510UL
57	76	8.18	184	P 1	DNT		LTS	+0.09	UTE	LTE		101	OUTLET	510UL
57	77	8.22	178	P 1	DNT		LTS	+0.00	UTE	LTE		102	OUTLET	510UL
		0.25	96	3	NQI		012	+33.57	UTE	LTE		102	OUTLET	510UL
57	78	6.56	183	P 1	DNT		LTS	+0.11	UTE	LTE		101	OUTLET	510UL
57	79	8.05	179	P 1	DNT		LTS	+0.00	UTE	LTE		102	OUTLET	510UL
57	80	14.19	185	P 1	DNT		LTS	+0.26	UTE	LTE		101	OUTLET	510UL
57	81	12.91	177	P 1	DNT		LTS	+0.00	UTE	LTE		102	OUTLET	510UL
57	82	8.48	187	P 1	DNT		LTS	+0.22	UTE	LTE		101	OUTLET	510UL
57	92	10.12	195	P 1	DNT		LTS	-0.19	UTE	LTE		101	OUTLET	510UL
57	93	0.34	90	3	NQI		008	+16.42	UTE	LTE		102	OUTLET	510UL
57	114	0.54	76	3	NQI		011	+7.54	UTE	LTE		102	OUTLET	510UL
57	122	0.64	80	P 1	NQI		010	+0.48	UTE	LTE		102	OUTLET	510UL
58	3	8.11	181	3	DNT		UTS	+14.29	UTE	LTE		30	OUTLET	510UL
		0.32	87	P 1	NQI		010	+0.11	UTE	LTE		30	OUTLET	510UL
		21.99	179	3	DNT		LTE	+11.10	UTE	LTE		30	OUTLET	510UL
		13.89	177	3	DNT		UTS	+13.56	UTE	LTE		30	OUTLET	510UL
58	4	0.65	60	P 1	NQI		009	+0.70	UTE	LTE		29	OUTLET	510UL
58	41	8.60	188	3	DNT		UTS	+9.32	UTE	LTE		29	OUTLET	510UL
58	54	7.89	182	P 1	DNT		LTS	+0.04	UTE	LTE		29	OUTLET	510UL
58	55	0.19	99	3	NQI		011	+33.27	UTE	LTE		29	OUTLET	510UL
		12.47	185	P 1	DNT		LTS	+0.07	UTE	LTE		29	OUTLET	510UL
58	56	9.26	185	P 1	DNT		LTS	+0.07	UTE	LTE		29	OUTLET	510UL
58	57	14.07	187	P 1	DNT		LTS	+0.09	UTE	LTE		33	OUTLET	510UL
58	58	6.27	168	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
58	59	8.13	186	P 1	DNT		LTS	+0.04	UTE	LTE		33	OUTLET	510UL
58	60	10.71	175	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
58	61	21.68	188	P 1	DNT		LTS	+0.09	UTE	LTE		33	OUTLET	510UL
58	62	19.56	177	P 1	DNT		LTS	+0.00	UTE	LTE		36	OUTLET	510UL
58	63	10.83	186	P 1	DNT		LTS	+0.09	UTE	LTE		33	OUTLET	510UL
58	70	6.27	174	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
58	73	7.83	190	P 1	DNT		LTS	+0.35	UTE	LTE		126	OUTLET	510UL
58	74	19.00	183	P 1	DNT		LTS	+0.00	UTE	LTE		127	OUTLET	510UL
58	75	16.69	189	P 1	DNT		LTS	-0.04	UTE	LTE		126	OUTLET	510UL
58	76	23.82	185	P 1	DNT		LTS	+0.11	UTE	LTE		101	OUTLET	510UL
58	77	13.04	178	P 1	DNT		LTS	+0.07	UTE	LTE		102	OUTLET	510UL
58	78	6.99	180	P 1	DNT		LTS	+0.13	UTE	LTE		101	OUTLET	510UL
58	79	6.44	176	P 1	DNT		LTS	+0.09	UTE	LTE		102	OUTLET	510UL
58	80	9.13	185	P 1	DNT		LTS	-0.09	UTE	LTE		101	OUTLET	510UL
58	81	8.17	177	P 1	DNT		LTS	+0.02	UTE	LTE		102	OUTLET	510UL
58	82	11.05	183	P 1	DNT		LTS	+0.07	UTE	LTE		101	OUTLET	510UL
58	83	10.47	175	P 1	DNT		LTS	+0.02	UTE	LTE		102	OUTLET	510UL
58	91	11.59	185	P 1	DNT		LTS	-0.20	UTE	LTE		102	OUTLET	510UL
58	92	28.79	190	P 1	DNT		LTS	-0.17	UTE	LTE		101	OUTLET	510UL
58	93	15.81	185	P 1	DNT		LTS	-0.13	UTE	LTE		102	OUTLET	510UL
58	94	0.63	103	3	NQI		002	+23.96	UTE	LTE		101	OUTLET	510UL
58	124	0.69	117	P 1	NQI		009	-0.79	UTE	LTE		116	OUTLET	510UL
58	125	0.54	79	P 1	NQI		009	+0.66	UTE	LTE		116	OUTLET	510UL
59	1	26.34	179	3	DNT		LTE	+10.89	UTE	LTE		30	OUTLET	510UL
59	5	8.18	178	3	DNT		LTS	+14.65	UTE	LTE		30	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
59	6	0.28	39	3	NQI		011	+16.02	TO+34.08	UTE	LTE	29	OUTLET	510UL
		0.21	122	3	NQI		010	+13.27	TO+20.55	UTE	LTE	29	OUTLET	510UL
59	8	0.97	111	P 1	NQI		009	-0.63		UTE	LTE	29	OUTLET	510UL
59	17	0.34	90	3	NQI		010	+30.37		UTE	LTE	30	OUTLET	510UL
		0.31	102	3	NQI		010	+29.17		UTE	LTE	30	OUTLET	510UL
59	20	0.20	81	3	NQI		010	+1.38		UTE	LTE	29	OUTLET	510UL
59	39	0.52	82	3	NQI		015	+14.93		UTE	LTE	29	OUTLET	510UL
		0.40	106	3	NQI		009	+25.54		UTE	LTE	29	OUTLET	510UL
59	52	15.47	180	P 1	DNT		LTS	+0.04		UTE	LTE	30	OUTLET	510UL
59	53	11.83	187	P 1	DNT		LTS	+0.09		UTE	LTE	29	OUTLET	510UL
59	54	7.50	175	P 1	DNT		LTS	+0.00		UTE	LTE	36	OUTLET	510UL
59	55	7.81	188	P 1	DNT		LTS	+0.07		UTE	LTE	33	OUTLET	510UL
59	57	6.16	173	P 1	DNT		LTS	+0.10		LTE	UTE	1	INLET	510UL
59	58	14.02	175	P 1	DNT		LTS	+0.29		LTE	UTE	1	INLET	510UL
59	59	12.10	176	P 1	DNT		LTS	+0.24		LTE	UTE	1	INLET	510UL
59	60	8.57	173	P 1	DNT		LTS	+0.16		LTE	UTE	1	INLET	510UL
59	64	6.05	172	P 1	DNT		LTS	+0.18		LTE	UTE	1	INLET	510UL
59	73	27.23	187	P 1	DNT		LTS	+0.11		UTE	LTE	101	OUTLET	510UL
59	74	36.78	180	P 1	DNT		LTS	+0.11		UTE	LTE	102	OUTLET	510UL
59	75	16.89	186	P 1	DNT		LTS	+0.09		UTE	LTE	101	OUTLET	510UL
59	76	11.05	175	P 1	DNT		LTS	+0.09		UTE	LTE	102	OUTLET	510UL
59	77	7.29	181	P 1	DNT		LTS	+0.04		UTE	LTE	101	OUTLET	510UL
59	78	9.05	176	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
59	81	11.36	183	P 1	DNT		LTS	+0.04		UTE	LTE	101	OUTLET	510UL
59	88	12.85	185	P 1	DNT		LTS	-0.22		UTE	LTE	102	OUTLET	510UL
59	89	39.04	189	P 1	DNT		LTS	-0.21		UTE	LTE	101	OUTLET	510UL
		0.26	84	3	NQI		014	+32.88		UTE	LTE	101	OUTLET	510UL
59	90	32.28	182	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
59	91	13.64	191	P 1	DNT		LTS	-0.15		UTE	LTE	101	OUTLET	510UL
59	96	0.95	100	P 1	NQI		013	+0.79		UTE	LTE	102	OUTLET	510UL
59	101	6.07	183	3	DNT		001	+5.97		UTE	LTE	101	OUTLET	510UL
59	118	0.65	112	P 1	NQI		009	-0.55		UTE	LTE	102	OUTLET	510UL
		0.32	111	P 1	NQI		008	-0.76		UTE	LTE	102	OUTLET	510UL
59	120	0.73	101	3	NQI		009	+22.39		UTE	LTE	102	OUTLET	510UL
		0.53	85	3	NQI		009	+24.39		UTE	LTE	102	OUTLET	510UL
		0.53	85	P 1	NQI		009	+0.62		UTE	LTE	102	OUTLET	510UL
59	121	0.51	84	3	NQI		009	+21.60	TO+30.36	UTE	LTE	116	OUTLET	510UL
		0.56	76	P 1	NQI		009	+0.64		UTE	LTE	116	OUTLET	510UL
59	122	0.43	112	P 1	NQI		008	-0.62		UTE	LTE	116	OUTLET	510UL
		1.07	125	P 1	NQI		009	-0.66		UTE	LTE	116	OUTLET	510UL
60	17	0.23	93	3	NQI		013	+6.37		UTE	LTE	30	OUTLET	510UL
60	22	0.28	84	3	NQI		001	+1.47		UTE	LTE	29	OUTLET	510UL
60	32	0.24	97	3	NQI		012	+26.59		UTE	LTE	29	OUTLET	510UL
60	54	6.71	180	P 1	DNT		LTS	+0.11		UTE	LTE	29	OUTLET	510UL
60	56	9.26	187	P 1	DNT		LTS	+0.09		UTE	LTE	33	OUTLET	510UL
60	60	7.72	172	P 1	DNT		LTS	+0.14		LTE	UTE	1	INLET	510UL
60	61	6.41	171	P 1	DNT		LTS	+0.22		LTE	UTE	1	INLET	510UL
60	62	6.59	174	P 1	DNT		LTS	+0.20		LTE	UTE	1	INLET	510UL
60	70	9.86	174	P 1	DNT		LTS	+0.16		LTE	UTE	1	INLET	510UL
60	72	6.66	171	P 1	DNT		LTS	+0.12		LTE	UTE	1	INLET	510UL
60	75	7.99	185	P 1	DNT		LTS	+0.13		UTE	LTE	101	OUTLET	510UL
60	76	14.63	179	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
60	77	18.44	184	P 1	DNT		LTS	+0.09		UTE	LTE	101	OUTLET	510UL
60	78	13.94	175	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
		0.48	62	P 1	NQI		005	+0.22		UTE	LTE	102	OUTLET	510UL
60	79	11.40	186	P 1	DNT		LTS	+0.15		UTE	LTE	101	OUTLET	510UL
60	80	8.12	174	P 1	DNT		LTS	+0.07		UTE	LTE	102	OUTLET	510UL
60	81	6.42	181	P 1	DNT		LTS	+0.09		UTE	LTE	101	OUTLET	510UL
60	82	8.41	174	P 1	DNT		LTS	+0.07		UTE	LTE	102	OUTLET	510UL
60	83	7.70	181	P 1	DNT		LTS	+0.04		UTE	LTE	101	OUTLET	510UL
60	84	6.92	175	P 1	DNT		LTS	+0.00		UTE	LTE	102	OUTLET	510UL
60	86	6.03	183	P 1	DNT		LTS	-0.06		UTE	LTE	115	OUTLET	510UL
60	87	6.31	188	P 1	DNT		LTS	-0.09		UTE	LTE	114	OUTLET	510UL
60	92	10.39	190	P 1	DNT		LTS	-0.19		UTE	LTE	115	OUTLET	510UL
60	93	26.39	186	P 1	DNT		LTS	-0.21		UTE	LTE	114	OUTLET	510UL
60	94	33.45	183	P 1	DNT		LTS	-0.19		UTE	LTE	115	OUTLET	510UL
60	95	8.88	186	P 1	DNT		LTS	-0.17		UTE	LTE	114	OUTLET	510UL
60	115	10.05	179	3	DNT		013	+33.50		UTE	LTE	116	OUTLET	510UL
60	117	8.53	193	3	DNT		015	+12.01		UTE	LTE	116	OUTLET	510UL
60	118	8.87	174	3	DNT		013	+33.16		UTE	LTE	116	OUTLET	510UL
60	124	0.82	117	P 1	NQI		009	-0.78		UTE	LTE	116	OUTLET	510UL
60	126	0.49	100	3	NQI		009	+24.01	TO+37.58	UTE	LTE	116	OUTLET	510UL
61	1	17.78	181	3	DNT		001	+4.80		UTE	LTE	32	OUTLET	510UL
61	2	0.92	116	3	NQI		014	+1.24		UTE	LTE	29	OUTLET	510UL
61	28	0.63	61	P 1	NQI		UTS	+17.60		UTE	LTE	31	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
61	53	8.70	180	P 1	DNT		LTS	+0.28	UTE	LTE			32	OUTLET	510UL
61	54	0.43	81	3	NQI		011	+22.50	UTE	LTE			31	OUTLET	510UL
		22.81	185	P 1	DNT		LTS	+0.07	UTE	LTE			31	OUTLET	510UL
61	55	8.22	190	P 1	DNT		LTS	+0.04	UTE	LTE			31	OUTLET	510UL
61	58	0.58	107	P 1	NQI		013	+0.04	LTE	UTE			1	INLET	510UL
		6.73	172	P 1	DNT		LTS	+0.08	LTE	UTE			1	INLET	510UL
61	63	6.88	171	P 1	DNT		LTS	+0.22	LTE	UTE			1	INLET	510UL
61	65	6.51	173	P 1	DNT		LTS	+0.14	LTE	UTE			1	INLET	510UL
61	66	6.37	167	P 1	DNT		LTS	+0.16	LTE	UTE			1	INLET	510UL
61	67	7.70	169	P 1	DNT		LTS	+0.18	LTE	UTE			1	INLET	510UL
61	68	7.82	174	P 1	DNT		LTS	+0.20	LTE	UTE			1	INLET	510UL
61	69	10.61	174	P 1	DNT		LTS	+0.14	LTE	UTE			1	INLET	510UL
61	70	6.11	169	P 1	DNT		LTS	+0.10	LTE	UTE			1	INLET	510UL
61	74	8.68	183	P 1	DNT		LTS	+0.17	UTE	LTE			114	OUTLET	510UL
61	75	10.57	180	P 1	DNT		LTS	+0.09	UTE	LTE			115	OUTLET	510UL
61	76	7.87	184	P 1	DNT		LTS	+0.04	UTE	LTE			114	OUTLET	510UL
61	77	12.12	177	P 1	DNT		LTS	+0.13	UTE	LTE			115	OUTLET	510UL
61	78	0.24	97	3	NQI		006	+29.41	UTE	LTE			114	OUTLET	510UL
		10.96	185	P 1	DNT		LTS	+0.09	UTE	LTE			114	OUTLET	510UL
61	79	12.01	176	P 1	DNT		LTS	+0.00	UTE	LTE			115	OUTLET	510UL
61	80	0.38	79	3	NQI		007	+29.56	UTE	LTE			114	OUTLET	510UL
		9.65	183	P 1	DNT		LTS	+0.04	UTE	LTE			114	OUTLET	510UL
61	85	8.08	174	3	DNT		015	+40.47	UTE	LTE			115	OUTLET	510UL
		0.67	78	P 1	NQI		015	+0.70	UTE	LTE			115	OUTLET	510UL
		6.61	176	P 1	DNT		LTS	-0.05	UTE	LTE			115	OUTLET	510UL
61	88	0.37	110	3	NQI		012	+34.53	UTE	LTE			114	OUTLET	510UL
61	91	7.99	189	P 1	DNT		LTS	-0.17	UTE	LTE			115	OUTLET	510UL
61	92	9.63	188	P 1	DNT		LTS	-0.15	UTE	LTE			114	OUTLET	510UL
61	103	9.96	181	3	DNT		001	+6.21	UTE	LTE			118	OUTLET	510UL
61	108	0.31	113	3	TWD	1	013	+23.07	UTE	LTE			118	OUTLET	510UL
61	110	0.31	85	P 1	NQI		008	+0.30	UTE	LTE			118	OUTLET	510UL
		22.85	179	3	DNT		LTE	+11.29	UTE	LTE			118	OUTLET	510UL
61	111	0.78	98	P 1	NQI		014	+0.75	UTE	LTE			116	OUTLET	510UL
		0.37	97	3	NQI		LTS	+35.06	UTE	LTE			116	OUTLET	510UL
61	121	0.91	109	P 1	NQI		009	-0.76	UTE	LTE			116	OUTLET	510UL
61	122	0.72	100	3	NQI		009	+19.97	UTE	LTE	TO+31.19		116	OUTLET	510UL
		0.88	105	P 1	NQI		009	-0.61	UTE	LTE			116	OUTLET	510UL
		0.69	39	P 1	NQI		009	+0.62	UTE	LTE			116	OUTLET	510UL
61	124	0.58	100	P 1	NQI		009	-0.76	UTE	LTE			116	OUTLET	510UL
		0.34	108	3	NQI		010	+2.96	UTE	LTE			116	OUTLET	510UL
61	126	14.81	183	P 1	DNT		015	-0.53	UTE	LTE			116	OUTLET	510UL
		0.44	104	3	NQI		011	+7.37	UTE	LTE	TO+14.79		116	OUTLET	510UL
		0.59	81	3	NQI		010	+20.29	UTE	LTE			116	OUTLET	510UL
62	49	6.02	179	P 1	DNT		LTS	-0.04	UTE	LTE			32	OUTLET	510UL
62	53	8.16	177	P 1	DNT		LTS	-0.04	UTE	LTE			32	OUTLET	510UL
62	54	6.74	185	P 1	DNT		LTS	+0.04	UTE	LTE			31	OUTLET	510UL
62	55	10.02	180	P 1	DNT		LTS	+0.00	UTE	LTE			32	OUTLET	510UL
62	56	7.50	186	P 1	DNT		LTS	+0.04	UTE	LTE			31	OUTLET	510UL
62	58	8.88	186	P 1	DNT		LTS	+0.09	UTE	LTE			33	OUTLET	510UL
62	59	25.89	176	P 1	DNT		LTS	+0.24	LTE	UTE			1	INLET	510UL
62	60	13.21	174	P 1	DNT		LTS	+0.20	LTE	UTE			1	INLET	510UL
62	63	6.63	171	P 1	DNT		LTS	+0.16	LTE	UTE			1	INLET	510UL
62	64	6.11	171	P 1	DNT		LTS	+0.22	LTE	UTE			1	INLET	510UL
62	65	6.34	170	P 1	DNT		LTS	+0.14	LTE	UTE			1	INLET	510UL
62	66	7.29	173	P 1	DNT		LTS	+0.16	LTE	UTE			1	INLET	510UL
62	67	6.73	172	P 1	DNT		LTS	+0.20	LTE	UTE			1	INLET	510UL
62	70	10.00	180	P 1	DNT		LTS	+0.18	LTE	UTE			1	INLET	510UL
62	71	6.73	172	P 1	DNT		LTS	+0.22	LTE	UTE			1	INLET	510UL
62	73	0.28	74	3	NQI		011	+3.44	LTE	UTE			1	INLET	510UL
62	77	9.07	182	P 1	DNT		LTS	+0.11	UTE	LTE			114	OUTLET	510UL
62	78	6.51	169	P 1	DNT		LTS	+0.04	UTE	LTE			115	OUTLET	510UL
62	80	7.55	174	P 1	DNT		LTS	-0.04	UTE	LTE			115	OUTLET	510UL
62	81	13.73	181	P 1	DNT		LTS	+0.11	UTE	LTE			114	OUTLET	510UL
62	82	9.36	176	P 1	DNT		LTS	+0.06	UTE	LTE			115	OUTLET	510UL
62	83	6.33	183	P 1	DNT		LTS	+0.07	UTE	LTE			114	OUTLET	510UL
62	84	8.50	174	P 1	DNT		LTS	+0.04	UTE	LTE			115	OUTLET	510UL
62	85	6.12	187	P 1	DNT		LTS	+0.02	UTE	LTE			114	OUTLET	510UL
62	86	7.09	176	P 1	DNT		LTS	+0.02	UTE	LTE			115	OUTLET	510UL
62	108	0.26	76	P 1	NQI		014	+0.21	UTE	LTE			118	OUTLET	510UL
62	112	19.87	179	3	DNT		LTE	+11.16	UTE	LTE			118	OUTLET	510UL
62	115	1.79	86	P 1	TWD	28	014	+1.30	UTE	LTE			115	OUTLET	510UL
62	129	24.67	183	P 1	DNT		015	-0.45	UTE	LTE			116	OUTLET	510UL
63	38	0.36	74	3	NQI		010	+12.92	UTE	LTE			31	OUTLET	510UL
63	53	8.32	180	P 1	DNT		LTS	-0.06	UTE	LTE			32	OUTLET	510UL
63	54	9.25	187	P 1	DNT		LTS	-0.02	UTE	LTE			31	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
63	56	6.74	187	P 1	DNT		LTS	+0.02	UTE	LTE		31	OUTLET	510UL
63	57	7.24	188	P 1	DNT		LTS	+0.04	UTE	LTE		31	OUTLET	510UL
63	58	16.06	186	P 1	DNT		LTS	+0.07	UTE	LTE		31	OUTLET	510UL
63	59	0.70	133	P 1	NQI		013	+0.84	LTE	UTE		1	INLET	510UL
		39.75	177	P 1	DNT		LTS	+0.16	LTE	UTE		1	INLET	510UL
63	60	39.19	177	P 1	DNT		LTS	+0.22	LTE	UTE		1	INLET	510UL
63	61	24.49	179	P 1	DNT		LTS	+0.26	LTE	UTE		1	INLET	510UL
63	66	0.73	131	P 1	NQI		014	+0.86	LTE	UTE		1	INLET	510UL
		7.13	170	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
63	67	8.33	171	P 1	DNT		LTS	+0.10	LTE	UTE		1	INLET	510UL
63	71	8.69	177	P 1	DNT		LTS	+0.22	LTE	UTE		1	INLET	510UL
63	73	9.14	179	P 1	DNT		LTS	+0.22	LTE	UTE		1	INLET	510UL
63	74	9.33	189	P 1	DNT		LTS	+0.15	UTE	LTE		126	OUTLET	510UL
63	78	6.08	181	P 1	DNT		LTS	+0.00	UTE	LTE		114	OUTLET	510UL
63	83	6.07	177	P 1	DNT		LTS	+0.06	UTE	LTE		115	OUTLET	510UL
63	84	7.96	183	P 1	DNT		LTS	+0.04	UTE	LTE		114	OUTLET	510UL
63	85	6.88	170	P 1	DNT		LTS	-0.07	UTE	LTE		115	OUTLET	510UL
63	113	20.79	180	3	DNT		LTE	+10.76	UTE	LTE		118	OUTLET	510UL
63	114	17.48	180	3	DNT		LTE	+10.96	UTE	LTE		114	OUTLET	510UL
63	128	0.88	87	P 1	TWD	26	014	+0.83	UTE	LTE		115	OUTLET	510UL
		0.74	75	P 1	NQI		009	-0.78	UTE	LTE		115	OUTLET	510UL
63	129	16.21	184	P 1	DNT		015	-0.72	UTE	LTE		114	OUTLET	510UL
63	130	35.02	182	P 1	DNT		015	-0.48	UTE	LTE		115	OUTLET	510UL
64	48	0.30	112	3	TWD	8	014	+3.54	UTE	LTE		32	OUTLET	510UL
		0.21	106	3	TWD	22	013	+27.23	UTE	LTE		32	OUTLET	510UL
64	54	9.46	179	P 1	DNT		LTS	-0.11	UTE	LTE		32	OUTLET	510UL
64	55	6.81	189	P 1	DNT		LTS	-0.07	UTE	LTE		31	OUTLET	510UL
64	57	6.25	190	P 1	DNT		LTS	-0.02	UTE	LTE		31	OUTLET	510UL
64	58	6.45	178	P 1	DNT		LTS	-0.02	UTE	LTE		32	OUTLET	510UL
64	59	27.76	188	P 1	DNT		LTS	+0.07	UTE	LTE		31	OUTLET	510UL
64	60	24.26	177	P 1	DNT		LTS	+0.30	LTE	UTE		1	INLET	510UL
64	61	32.48	179	P 1	DNT		LTS	+0.26	LTE	UTE		1	INLET	510UL
64	62	13.27	177	P 1	DNT		LTS	+0.30	LTE	UTE		1	INLET	510UL
64	67	6.67	174	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
64	84	6.49	171	P 1	DNT		LTS	+0.06	UTE	LTE		115	OUTLET	510UL
64	85	7.55	183	P 1	DNT		LTS	+0.00	UTE	LTE		114	OUTLET	510UL
64	86	6.24	168	P 1	DNT		LTS	+0.00	UTE	LTE		115	OUTLET	510UL
64	124	0.81	106	P 1	NQI		009	-0.73	UTE	LTE		115	OUTLET	510UL
64	128	47.61	182	P 1	DNT		015	-0.56	UTE	LTE		115	OUTLET	510UL
64	129	40.06	183	P 1	DNT		015	-0.52	UTE	LTE		115	OUTLET	510UL
65	55	6.04	181	P 1	DNT		LTS	-0.06	UTE	LTE		32	OUTLET	510UL
65	58	11.46	190	P 1	DNT		LTS	+0.00	UTE	LTE		31	OUTLET	510UL
65	59	19.79	175	P 1	DNT		LTS	+0.02	LTE	UTE		1	INLET	510UL
65	60	21.60	177	P 1	DNT		LTS	+0.14	LTE	UTE		1	INLET	510UL
65	61	12.35	172	P 1	DNT		LTS	+0.10	LTE	UTE		1	INLET	510UL
65	62	9.70	174	P 1	DNT		LTS	+0.12	LTE	UTE		1	INLET	510UL
65	63	10.03	171	P 1	DNT		LTS	+0.08	LTE	UTE		1	INLET	510UL
65	64	6.11	171	P 1	DNT		LTS	+0.04	LTE	UTE		1	INLET	510UL
65	65	7.15	172	P 1	DNT		LTS	+0.06	LTE	UTE		1	INLET	510UL
65	66	6.23	171	P 1	DNT		LTS	+0.06	LTE	UTE		1	INLET	510UL
65	67	10.12	172	P 1	DNT		LTS	+0.04	LTE	UTE		1	INLET	510UL
65	69	0.33	96	3	NQI		005	+30.30	LTE	UTE		1	INLET	510UL
		7.47	167	P 1	DNT		LTS	+0.04	LTE	UTE		1	INLET	510UL
65	76	0.35	93	3	NQI		008	+19.67	UTE	LTE		114	OUTLET	510UL
65	84	6.20	179	P 1	DNT		LTS	+0.07	UTE	LTE		114	OUTLET	510UL
65	95	0.40	97	3	NQI		003	+29.35	UTE	LTE		115	OUTLET	510UL
65	99	0.57	103	3	NQI		009	+17.01	UTE	LTE		118	OUTLET	510UL
65	126	6.95	177	3	DNT		UTS	+7.57	UTE	LTE		115	OUTLET	510UL
		1.06	104	P 1	NQI		009	-0.78	UTE	LTE		115	OUTLET	510UL
65	127	0.44	108	P 1	NQI		008	-0.61	UTE	LTE		114	OUTLET	510UL
		1.05	143	P 1	NQI		009	-0.55	UTE	LTE		114	OUTLET	510UL
65	128	1.08	90	P 1	NQI		009	-0.75	UTE	LTE		115	OUTLET	510UL
65	129	28.88	184	P 1	DNT		015	-0.76	UTE	LTE		114	OUTLET	510UL
		0.72	109	3	NQI		009	+38.25	UTE	LTE		114	OUTLET	510UL
65	130	31.83	182	P 1	DNT		015	-0.59	UTE	LTE		115	OUTLET	510UL
66	24	0.27	85	P 1	NQI		UTS	+0.99	UTE	LTE		31	OUTLET	510UL
66	32	0.28	53	P 1	NQI		013	-0.22	UTE	LTE		31	OUTLET	510UL
66	41	6.08	182	3	DNT		LTE	+22.47	UTE	LTE		32	OUTLET	510UL
66	57	0.48	71	3	NQI		008	+6.84	UTE	LTE		31	OUTLET	510UL
66	59	10.00	192	P 1	DNT		LTS	-0.07	UTE	LTE		31	OUTLET	510UL
66	60	14.03	174	P 1	DNT		LTS	+0.08	LTE	UTE		1	INLET	510UL
66	61	8.28	173	P 1	DNT		LTS	+0.10	LTE	UTE		1	INLET	510UL
66	62	8.54	173	P 1	DNT		LTS	+0.10	LTE	UTE		1	INLET	510UL
66	63	13.28	175	P 1	DNT		LTS	+0.16	LTE	UTE		1	INLET	510UL
66	64	18.79	175	P 1	DNT		LTS	+0.12	LTE	UTE		1	INLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
66	66	7.66	170	P 1	DNT		LTS	+0.04	LTE UTE			1	INLET	510UL
66	67	21.73	176	P 1	DNT		LTS	+0.10	LTE UTE			1	INLET	510UL
66	68	24.37	176	P 1	DNT		LTS	+0.12	LTE UTE			1	INLET	510UL
66	69	0.20	105	3	NQI		011	+22.95	LTE UTE			1	INLET	510UL
		29.78	175	P 1	DNT		LTS	+0.10	LTE UTE			1	INLET	510UL
66	70	24.58	176	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
66	71	13.90	176	P 1	DNT		LTS	+0.22	LTE UTE			1	INLET	510UL
66	72	13.11	178	P 1	DNT		LTS	+0.18	LTE UTE			1	INLET	510UL
66	73	6.10	181	P 1	DNT		LTS	+0.36	LTE UTE			1	INLET	510UL
66	99	0.18	70	P 1	NQI		014	-0.27	UTE LTE			118	OUTLET	510UL
66	111	0.24	77	3	NQI		011	+25.93	UTE LTE			118	OUTLET	510UL
66	127	1.07	87	3	NQI		009	+23.03	UTE LTE			115	OUTLET	510UL
66	128	0.57	152	P 1	NQI		009	-0.74	UTE LTE			114	OUTLET	510UL
66	129	0.59	95	P 1	NQI		009	-0.65	UTE LTE			115	OUTLET	510UL
66	130	31.30	185	P 1	DNT		015	-0.53	UTE LTE			114	OUTLET	510UL
		7.96	20	P 1	NQI		UTS	-0.09	UTE LTE			114	OUTLET	510UL
66	131	1.21	113	3	NQI		015	+5.19	UTE LTE			115	OUTLET	510UL
		48.60	181	P 1	DNT		015	-0.54	UTE LTE			115	OUTLET	510UL
67	1	7.62	180	3	DNT		009	+38.55	014 LTE			135	OUTLET	510UL
67	59	6.31	194	P 1	DNT		LTS	-0.09	UTE LTE			31	OUTLET	510UL
67	60	6.26	171	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
67	61	6.78	172	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
67	63	15.66	174	P 1	DNT		LTS	+0.02	LTE UTE			1	INLET	510UL
67	64	12.94	175	P 1	DNT		LTS	+0.06	LTE UTE			1	INLET	510UL
67	65	19.90	175	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
67	66	17.65	177	P 1	DNT		LTS	+0.06	LTE UTE			1	INLET	510UL
		0.25	85	3	NQI		012	+8.71	LTE UTE			1	INLET	510UL
67	67	32.17	175	P 1	DNT		LTS	+0.12	LTE UTE			1	INLET	510UL
67	68	33.02	176	P 1	DNT		LTS	+0.10	LTE UTE			1	INLET	510UL
67	69	30.58	176	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
67	70	35.38	177	P 1	DNT		LTS	+0.20	LTE UTE			1	INLET	510UL
67	71	14.15	176	P 1	DNT		LTS	+0.22	LTE UTE			1	INLET	510UL
67	72	8.80	170	P 1	DNT		LTS	+0.12	LTE UTE			1	INLET	510UL
67	86	7.15	181	P 1	DNT		LTS	+0.00	UTE LTE			111	OUTLET	510UL
67	107	0.51	108	3	NQI		015	+42.00	UTE LTE	TO+45.50		111	OUTLET	510UL
67	129	0.79	74	P 1	NQI		015	-0.46	UTE LTE			111	OUTLET	510UL
67	130	42.01	184	P 1	DNT		015	-0.46	UTE LTE			112	OUTLET	510UL
68	5	0.44	80	P 1	NQI		011	+0.00	014 LTE			134	OUTLET	510UL
68	38	0.23	80	3	NQI		010	+4.17	UTE LTE			32	OUTLET	510UL
68	40	0.54	91	P 1	NQI		014	-0.17	UTE LTE			32	OUTLET	510UL
68	60	6.03	172	P 1	DNT		LTS	+0.00	LTE UTE			1	INLET	510UL
68	62	6.09	173	P 1	DNT		LTS	+0.04	LTE UTE			1	INLET	510UL
68	63	6.70	174	P 1	DNT		LTS	+0.02	LTE UTE			1	INLET	510UL
68	64	6.93	174	P 1	DNT		LTS	+0.02	LTE UTE			1	INLET	510UL
68	65	9.30	175	P 1	DNT		LTS	+0.02	LTE UTE			1	INLET	510UL
68	66	6.25	175	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
68	68	9.64	176	P 1	DNT		LTS	+0.06	LTE UTE			1	INLET	510UL
68	69	16.09	175	P 1	DNT		LTS	+0.10	LTE UTE			1	INLET	510UL
68	70	34.09	177	P 1	DNT		LTS	+0.10	LTE UTE			1	INLET	510UL
68	71	30.52	177	P 1	DNT		LTS	+0.14	LTE UTE			1	INLET	510UL
68	72	23.38	175	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
68	82	0.36	96	3	TWD	38	013	+16.98	UTE LTE			112	OUTLET	510UL
68	86	9.70	188	P 1	DNT		LTS	+0.09	UTE LTE			111	OUTLET	510UL
68	88	8.47	186	P 1	DNT		LTS	+0.02	UTE LTE			111	OUTLET	510UL
68	89	7.55	177	P 1	DNT		LTS	-0.06	UTE LTE			112	OUTLET	510UL
68	113	0.42	66	3	NQI		LTS	+13.20	UTE LTE			111	OUTLET	510UL
		0.36	102	3	NQI		001	+2.47	UTE LTE			111	OUTLET	510UL
68	123	0.45	50	P 1	NQI		009	-0.79	UTE LTE			111	OUTLET	510UL
68	130	14.62	184	P 1	DNT		015	-0.61	UTE LTE			112	OUTLET	510UL
68	131	28.99	182	P 1	DNT		015	-0.55	UTE LTE			112	OUTLET	510UL
69	4	0.36	95	P 1	NQI		009	-0.72	014 LTE			135	OUTLET	510UL
69	9	0.28	105	3	NQI		001	+33.75	014 LTE			134	OUTLET	510UL
69	19	12.83	176	3	DNT		003	+5.05	UTE LTE			31	OUTLET	510UL
69	24	0.38	87	3	NQI		012	+24.14	UTE LTE			32	OUTLET	510UL
69	25	0.52	71	3	NQI		004	+6.71	UTE LTE			31	OUTLET	510UL
69	71	12.53	178	P 1	DNT		LTS	+0.06	LTE UTE			1	INLET	510UL
69	72	24.32	176	P 1	DNT		LTS	+0.08	LTE UTE			1	INLET	510UL
69	73	7.13	168	P 1	DNT		LTS	+0.06	LTE UTE			1	INLET	510UL
69	79	0.31	100	3	NQI		006	+37.40	UTE LTE			112	OUTLET	510UL
69	81	1.08	91	P 1	NQI		UTS	+12.58	UTE LTE			112	OUTLET	510UL
69	83	0.23	93	3	NQI		008	+28.84	UTE LTE			112	OUTLET	510UL
69	86	8.56	171	P 1	DNT		LTS	+0.09	UTE LTE			112	OUTLET	510UL
69	87	10.54	174	P 1	DNT		LTS	+0.19	UTE LTE			112	OUTLET	510UL
69	89	8.89	173	P 1	DNT		LTS	-0.04	UTE LTE			112	OUTLET	510UL
69	90	6.45	177	P 1	DNT		LTS	-0.02	UTE LTE			112	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
69	131	10.32	185	P 1	DNT		010	-0.24	UTE	LTE			112	OUTLET	510UL
		19.34	182	P 1	DNT		015	-0.57	UTE	LTE			112	OUTLET	510UL
70	3	0.42	71	P 1	NQI		014	-0.04	014	LTE			134	OUTLET	510UL
70	71	10.06	176	P 1	DNT		LTS	+0.00	LTE	UTE			1	INLET	510UL
70	72	9.80	177	P 1	DNT		LTS	+0.04	LTE	UTE			1	INLET	510UL
70	87	7.10	171	P 1	DNT		LTS	+0.00	UTE	LTE			112	OUTLET	510UL
70	88	8.53	189	P 1	DNT		LTS	+0.00	UTE	LTE			111	OUTLET	510UL
70	89	7.19	177	P 1	DNT		LTS	-0.07	UTE	LTE			112	OUTLET	510UL
70	93	6.43	174	P 1	DNT		LTS	+0.00	UTE	LTE			112	OUTLET	510UL
70	111	0.91	91	P 1	NQI		006	-0.54	UTE	LTE			111	OUTLET	510UL
70	123	0.80	89	P 1	NQI		014	+0.85	UTE	LTE			112	OUTLET	510UL
70	131	14.24	191	P 1	DNT		010	+0.00	UTE	LTE			112	OUTLET	510UL
71	5	0.75	111	P 1	NQI		009	-0.68	014	LTE			135	OUTLET	510UL
71	6	0.54	126	P 1	NQI		010	+0.50	014	LTE			134	OUTLET	510UL
		0.64	74	P 1	NQI		011	+0.39	014	LTE			134	OUTLET	510UL
		0.85	90	3	NQI		006	+7.56	014	LTE			134	OUTLET	510UL
71	38	0.22	102	3	NQI		013	+24.00	UTE	LTE			33	OUTLET	510UL
71	68	0.46	108	3	NQI		001	+33.85	LTE	UTE			1	INLET	510UL
71	71	10.49	177	P 1	DNT		LTS	+0.00	LTE	UTE			1	INLET	510UL
71	72	10.30	175	P 1	DNT		LTS	+0.04	LTE	UTE			1	INLET	510UL
71	86	9.21	176	P 1	DNT		LTS	+0.09	UTE	LTE			112	OUTLET	510UL
71	87	13.88	191	P 1	DNT		LTS	+0.07	UTE	LTE			111	OUTLET	510UL
71	88	12.24	181	3	DNT		002	+11.74	UTE	LTE			112	OUTLET	510UL
		10.20	181	P 1	DNT		LTS	+0.00	UTE	LTE			112	OUTLET	510UL
71	89	11.07	189	P 1	DNT		LTS	+0.00	UTE	LTE			111	OUTLET	510UL
71	93	7.44	192	P 1	DNT		LTS	+0.00	UTE	LTE			111	OUTLET	510UL
71	125	0.29	68	P 1	NQI		010	+0.22	UTE	LTE			107	OUTLET	510UL
71	131	1.29	45	P 1	NQI		015	-0.34	UTE	LTE			108	OUTLET	510UL
		0.36	96	P 1	NQI		015	+0.43	UTE	LTE			108	OUTLET	510UL
72	5	0.72	113	3	NQI		010	+8.23	014	LTE			134	OUTLET	510UL
72	6	0.28	77	P 1	NQI		011	-0.04	014	LTE			135	OUTLET	510UL
		0.40	90	3	NQI		010	+12.24	014	LTE			135	OUTLET	510UL
		0.57	98	3	NQI		010	+8.63	014	LTE			135	OUTLET	510UL
72	12	0.58	105	P 1	NQI		012	+0.54	UTE	LTE			36	OUTLET	510UL
72	13	0.35	97	P 1	NQI		012	+0.33	UTE	LTE			33	OUTLET	510UL
72	19	1.09	109	P 1	NQI		011	+0.51	UTE	LTE			33	OUTLET	510UL
72	41	1.08	96	P 1	NQI		010	+0.46	UTE	LTE			33	OUTLET	510UL
72	58	0.33	83	P 1	NQI		014	-0.16	LTE	UTE			4	INLET	510UL
72	68	0.53	89	3	NQI		010	+13.85	LTE	UTE			4	INLET	510UL
72	71	10.11	178	P 1	DNT		LTS	+0.02	LTE	UTE			4	INLET	510UL
72	72	14.65	177	P 1	DNT		LTS	+0.10	LTE	UTE			4	INLET	510UL
72	73	6.13	173	P 1	DNT		LTS	+0.20	LTE	UTE			4	INLET	510UL
72	83	6.83	177	P 1	DNT		LTS	+0.02	UTE	LTE			108	OUTLET	510UL
		0.34	67	3	NQI		014	+31.88	UTE	LTE			108	OUTLET	510UL
72	85	13.15	179	P 1	DNT		LTS	+0.04	UTE	LTE			107	OUTLET	510UL
72	86	19.21	177	P 1	DNT		LTS	+0.09	UTE	LTE			108	OUTLET	510UL
72	87	11.76	180	P 1	DNT		LTS	+0.04	UTE	LTE			107	OUTLET	510UL
72	88	15.14	179	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
72	89	7.61	187	P 1	DNT		LTS	-0.34	UTE	LTE			107	OUTLET	510UL
72	92	8.65	180	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
72	93	7.14	182	P 1	DNT		LTS	-0.06	UTE	LTE			107	OUTLET	510UL
72	99	0.29	55	P 1	NQI		014	+1.00	UTE	LTE			107	OUTLET	510UL
72	129	0.34	86	3	NQI		004	+7.09	UTE	LTE			107	OUTLET	510UL
73	5	0.37	96	3	NQI		010	+31.90	014	LTE			135	OUTLET	510UL
73	6	0.52	89	P 1	NQI		012	+0.46	014	LTE			134	OUTLET	510UL
		0.31	86	P 1	NQI		011	-1.00	014	LTE			134	OUTLET	510UL
73	9	0.90	111	P 1	NQI		013	+0.42	014	LTE			135	OUTLET	510UL
73	10	0.77	109	3	NQI		011	+5.51	014	LTE			134	OUTLET	510UL
		0.27	90	3	NQI		011	+5.94	014	LTE			134	OUTLET	510UL
73	13	0.24	69	P 1	NQI		002	-0.26	UTE	LTE			36	OUTLET	510UL
73	29	0.33	97	P 1	NQI		011	+0.44	UTE	LTE			36	OUTLET	510UL
73	49	0.26	85	3	NQI		005	+24.53	UTE	LTE			36	OUTLET	510UL
73	70	6.45	179	P 1	DNT		LTS	+0.02	LTE	UTE			4	INLET	510UL
73	71	13.74	177	P 1	DNT		LTS	+0.08	LTE	UTE			4	INLET	510UL
73	72	14.98	177	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET	510UL
73	83	10.22	178	3	DNT		LTS	+0.46	UTE	LTE			107	OUTLET	510UL
		8.54	180	P 1	DNT		LTS	-0.02	UTE	LTE			107	OUTLET	510UL
73	84	21.46	178	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
73	85	16.41	182	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
73	86	12.65	177	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
73	87	6.28	182	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
73	88	11.08	177	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
73	89	6.61	187	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
73	91	7.48	188	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
73	92	9.16	177	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
73	103	0.47	90	3	NQI		009	+27.30	UTE	LTE			107	OUTLET	510UL
73	110	0.25	86	3	NQI		014	+22.87	UTE	LTE			108	OUTLET	510UL
73	125	0.39	79	P 1	NQI		010	+0.45	UTE	LTE			107	OUTLET	510UL
74	1	24.89	181	3	DNT		LTE	+10.94	014	LTE			135	OUTLET	510UL
74	33	0.32	99	3	NQI		010	+12.11	014	LTE			134	OUTLET	510UL
74	44	6.20	187	P 1	DNT		UTS	+0.05	UTE	LTE			33	OUTLET	510UL
74	47	0.30	94	3	NQI		015	+13.55	UTE	LTE			36	OUTLET	510UL
74	54	6.13	182	P 1	DNT		UTS	+0.02	UTE	LTE			33	OUTLET	510UL
74	55	6.48	177	P 1	DNT		UTS	+0.00	UTE	LTE			36	OUTLET	510UL
74	57	6.29	180	P 1	DNT		UTS	+0.02	LTE	UTE			4	INLET	510UL
74	58	0.36	92	3	NQI		010	+18.13	LTE	UTE			4	INLET	510UL
		6.51	182	P 1	DNT		UTS	+0.04	LTE	UTE			4	INLET	510UL
74	59	6.38	179	P 1	DNT		UTS	+0.10	LTE	UTE			4	INLET	510UL
74	63	0.51	80	P 1	NQI		006	+0.68	LTE	UTE			4	INLET	510UL
74	64	7.46	183	P 1	DNT		UTS	+0.10	LTE	UTE			4	INLET	510UL
74	66	10.85	179	P 1	DNT		LTS	+0.00	LTE	UTE			4	INLET	510UL
74	67	9.25	177	P 1	DNT		LTS	+0.04	LTE	UTE			4	INLET	510UL
74	68	10.79	176	P 1	DNT		LTS	+0.11	LTE	UTE			4	INLET	510UL
74	72	0.30	89	3	NQI		009	+20.31	UTE	LTE			107	OUTLET	510UL
74	75	0.21	69	3	NQI		010	+10.05	UTE	LTE			108	OUTLET	510UL
74	78	6.01	183	P 1	DNT		LTS	+0.13	UTE	LTE			107	OUTLET	510UL
74	79	24.94	180	P 1	DNT		LTS	+0.04	UTE	LTE			108	OUTLET	510UL
74	80	17.58	183	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
74	82	6.17	183	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
74	83	9.67	177	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
74	84	10.41	185	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
74	87	8.40	179	P 1	DNT		LTS	+0.04	UTE	LTE			108	OUTLET	510UL
74	99	6.38	170	3	DNT		013	+31.27	UTE	LTE			107	OUTLET	510UL
74	121	0.38	77	3	NQI		011	+32.58	UTE	LTE			107	OUTLET	510UL
74	124	0.49	107	3	NQI		014	+1.18	UTE	LTE			108	OUTLET	510UL
75	1	22.34	180	3	DNT		LTE	+10.76	014	LTE			135	OUTLET	510UL
75	13	0.37	103	3	NQI		LTS	+33.22	014	LTE			134	OUTLET	510UL
75	21	0.22	78	3	NQI		008	+12.77	014	LTE			134	OUTLET	510UL
75	22	0.19	70	3	NQI		006	+17.10	014	LTE			135	OUTLET	510UL
		0.25	64	3	NQI		006	+15.39	014	LTE			135	OUTLET	510UL
75	34	0.29	76	3	NQI		006	+1.38	014	LTE			135	OUTLET	510UL
75	42	6.71	184	P 1	DNT		UTS	+0.04	UTE	LTE			33	OUTLET	510UL
75	48	6.17	184	P 1	DNT		UTS	+0.04	UTE	LTE			33	OUTLET	510UL
75	49	6.62	180	P 1	DNT		UTS	+0.00	UTE	LTE			36	OUTLET	510UL
75	54	6.17	184	P 1	DNT		UTS	+0.02	UTE	LTE			33	OUTLET	510UL
75	56	6.24	186	P 1	DNT		UTS	+0.04	UTE	LTE			33	OUTLET	510UL
75	58	6.04	178	P 1	DNT		UTS	+0.00	LTE	UTE			4	INLET	510UL
75	59	6.41	182	P 1	DNT		UTS	+0.06	LTE	UTE			4	INLET	510UL
75	61	6.29	186	P 1	DNT		UTS	+0.10	LTE	UTE			4	INLET	510UL
75	63	6.29	182	P 1	DNT		UTS	+0.08	LTE	UTE			4	INLET	510UL
75	67	14.20	179	P 1	DNT		LTS	+0.00	LTE	UTE			4	INLET	510UL
75	68	13.70	178	P 1	DNT		LTS	+0.02	LTE	UTE			4	INLET	510UL
75	69	14.68	177	P 1	DNT		LTS	+0.19	LTE	UTE			4	INLET	510UL
75	71	0.20	74	P 1	NQI		008	-0.27	LTE	UTE			4	INLET	510UL
75	79	9.53	181	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
75	80	24.36	178	P 1	DNT		LTS	+0.09	UTE	LTE			108	OUTLET	510UL
75	81	15.88	182	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
75	82	9.14	175	P 1	DNT		LTS	+0.11	UTE	LTE			108	OUTLET	510UL
75	84	9.75	175	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
75	87	8.56	187	P 1	DNT		LTS	+0.00	UTE	LTE			107	OUTLET	510UL
75	88	8.18	180	P 1	DNT		LTS	+0.00	UTE	LTE			108	OUTLET	510UL
75	99	0.58	97	3	NQI		011	+33.39	UTE	LTE			107	OUTLET	510UL
75	111	8.24	194	3	DNT		LTE	+4.51	UTE	LTE			107	OUTLET	510UL
		0.83	136	P 1	NQI		014	+1.00	UTE	LTE			107	OUTLET	510UL
75	112	0.71	95	P 1	NQI		014	+1.11	UTE	LTE			108	OUTLET	510UL
75	116	0.31	94	P 1	NQI		008	+0.99	UTE	LTE			108	OUTLET	510UL
75	118	0.92	48	P 1	NQI		008	+0.71	UTE	LTE			108	OUTLET	510UL
75	121	0.85	71	P 1	NQI		003	-0.76	UTE	LTE			107	OUTLET	510UL
75	123	0.27	107	3	NQI		014	+1.26	UTE	LTE			107	OUTLET	510UL
76	64	7.76	182	P 1	DNT		UTS	+0.10	LTE	UTE			4	INLET	510UL
76	66	7.56	179	P 1	DNT		LTS	-0.04	LTE	UTE			4	INLET	510UL
76	67	15.59	176	P 1	DNT		LTS	-0.04	LTE	UTE			4	INLET	510UL
76	68	19.29	176	P 1	DNT		LTS	+0.13	LTE	UTE			4	INLET	510UL
76	69	19.00	178	P 1	DNT		LTS	+0.17	LTE	UTE			4	INLET	510UL
76	76	0.25	94	3	NQI		006	+15.07	UTE	LTE			118	OUTLET	510UL
		0.21	103	3	NQI		006	+13.07	UTE	LTE			118	OUTLET	510UL
		0.31	93	3	NQI		009	+3.05	UTE	LTE			118	OUTLET	510UL
		0.25	77	3	NQI		009	+2.09	UTE	LTE			118	OUTLET	510UL
		6.33	169	P 1	DNT		LTS	+0.04	UTE	LTE			118	OUTLET	510UL
		0.33	63	P 1	NQI		009	+0.40	UTE	LTE			118	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
76	77	7.83	176	P 1	DNT		LTS	+0.02	UTE	LTE			118	OUTLET 510UL
76	78	9.97	178	P 1	DNT		LTS	+0.00	UTE	LTE			118	OUTLET 510UL
76	79	15.32	179	P 1	DNT		LTS	+0.00	UTE	LTE			118	OUTLET 510UL
76	80	22.21	180	P 1	DNT		LTS	+0.06	UTE	LTE			118	OUTLET 510UL
76	81	10.12	179	P 1	DNT		LTS	+0.13	UTE	LTE			118	OUTLET 510UL
76	82	7.44	176	P 1	DNT		LTS	+0.04	UTE	LTE			118	OUTLET 510UL
76	83	18.12	179	P 1	DNT		LTS	-0.02	UTE	LTE			118	OUTLET 510UL
76	84	8.39	180	P 1	DNT		LTS	-0.08	UTE	LTE			118	OUTLET 510UL
76	87	6.71	179	P 1	DNT		LTS	-0.02	UTE	LTE			118	OUTLET 510UL
76	98	0.47	105	3	NQI		010	+27.94	UTE	LTE			118	OUTLET 510UL
		0.52	111	3	NQI		010	+27.45	UTE	LTE			118	OUTLET 510UL
		0.35	86	3	NQI		010	+26.86	UTE	LTE			118	OUTLET 510UL
77	3	32.79	180	3	DNT		LTE	+10.73	014	LTE			135	OUTLET 510UL
77	8	8.74	179	3	DNT		LTE	+10.97	014	LTE			134	OUTLET 510UL
77	22	26.51	181	3	DNT		LTE	+11.05	014	LTE			134	OUTLET 510UL
77	25	0.47	126	3	NQI		011	+7.41	014	LTE			135	OUTLET 510UL
77	43	6.42	179	P 1	DNT		UTS	+0.00	UTE	LTE			120	OUTLET 510UL
77	44	0.47	83	P 1	NQI		003	-0.69	UTE	LTE			121	OUTLET 510UL
77	50	0.26	90	P 1	NQI		007	-0.87	UTE	LTE			121	OUTLET 510UL
77	51	6.17	182	P 1	DNT		UTS	+0.00	UTE	LTE			120	OUTLET 510UL
77	53	6.17	183	P 1	DNT		UTS	+0.00	UTE	LTE			132	OUTLET 510UL
77	54	6.72	183	P 1	DNT		UTS	-0.02	UTE	LTE			133	OUTLET 510UL
77	56	6.44	185	P 1	DNT		UTS	+0.02	UTE	LTE			133	OUTLET 510UL
77	61	8.41	189	P 1	DNT		UTS	+0.07	UTE	LTE			2	OUTLET 510UL
		0.55	82	3	NQI		012	+16.82	UTE	LTE			2	OUTLET 510UL
77	63	8.94	188	P 1	DNT		UTS	+0.02	UTE	LTE			2	OUTLET 510UL
77	64	6.81	188	P 1	DNT		UTS	+0.05	UTE	LTE			2	OUTLET 510UL
77	66	0.37	97	3	NQI		015	+9.27	UTE	LTE			2	OUTLET 510UL
77	67	6.05	182	P 1	DNT		LTS	-0.07	UTE	LTE			3	OUTLET 510UL
77	68	13.97	188	P 1	DNT		LTS	-0.04	UTE	LTE			2	OUTLET 510UL
77	69	25.79	180	P 1	DNT		LTS	+0.04	UTE	LTE			3	OUTLET 510UL
77	70	18.34	185	P 1	DNT		LTS	+0.13	UTE	LTE			2	OUTLET 510UL
77	77	7.86	184	P 1	DNT		LTS	+0.00	UTE	LTE			34	OUTLET 510UL
77	78	9.74	180	P 1	DNT		LTS	+0.04	UTE	LTE			35	OUTLET 510UL
77	79	10.52	186	P 1	DNT		LTS	+0.04	UTE	LTE			34	OUTLET 510UL
77	80	10.57	183	P 1	DNT		LTS	+0.07	UTE	LTE			117	OUTLET 510UL
77	81	12.04	184	P 1	DNT		LTS	+0.09	UTE	LTE			34	OUTLET 510UL
77	83	8.17	186	P 1	DNT		LTS	+0.04	UTE	LTE			34	OUTLET 510UL
77	84	21.50	185	P 1	DNT		LTS	+0.04	UTE	LTE			117	OUTLET 510UL
77	85	6.12	186	P 1	DNT		LTS	-0.18	UTE	LTE			34	OUTLET 510UL
77	87	7.02	185	P 1	DNT		LTS	-0.07	UTE	LTE			34	OUTLET 510UL
77	108	0.45	111	3	NQI		009	+25.06	UTE	LTE			34	OUTLET 510UL
78	8	6.80	179	3	DNT		LTE	+10.72	014	LTE			135	OUTLET 510UL
78	9	19.61	182	3	DNT		LTE	+9.28	014	LTE			134	OUTLET 510UL
78	10	7.55	182	3	DNT		LTE	+12.66	014	LTE			135	OUTLET 510UL
		17.01	179	3	DNT		LTE	+8.97	014	LTE			135	OUTLET 510UL
78	11	15.13	180	3	DNT		LTE	+11.61	014	LTE			134	OUTLET 510UL
		15.06	181	3	DNT		LTE	+10.60	014	LTE			134	OUTLET 510UL
78	12	27.22	179	3	DNT		LTE	+10.47	014	LTE			135	OUTLET 510UL
78	13	19.74	182	3	DNT		LTE	+10.77	015	LTE			134	OUTLET 510UL
		25.07	182	3	DNT		LTE	+7.74	015	LTE			134	OUTLET 510UL
78	14	0.37	79	3	NQI		009	+11.47	014	LTE			135	OUTLET 510UL
		24.57	181	3	DNT		LTE	+10.18	014	LTE			135	OUTLET 510UL
		20.05	181	3	DNT		LTE	+7.20	014	LTE			135	OUTLET 510UL
78	15	29.84	182	3	DNT		LTE	+10.66	014	LTE			134	OUTLET 510UL
78	17	16.02	181	3	DNT		LTE	+11.21	014	LTE			134	OUTLET 510UL
		20.01	183	3	DNT		LTE	+10.15	014	LTE			134	OUTLET 510UL
78	18	25.84	180	3	DNT		LTE	+10.85	014	LTE			135	OUTLET 510UL
78	19	8.44	182	3	DNT		LTE	+12.28	014	LTE			134	OUTLET 510UL
		20.56	182	3	DNT		LTE	+10.68	014	LTE			134	OUTLET 510UL
		23.76	182	3	DNT		LTE	+7.80	014	LTE			134	OUTLET 510UL
78	20	0.64	110	3	NQI		011	+36.32	014	LTE			135	OUTLET 510UL
		17.50	180	3	DNT		LTE	+11.08	014	LTE			135	OUTLET 510UL
		17.20	182	3	DNT		LTE	+7.91	014	LTE			135	OUTLET 510UL
78	21	19.83	182	3	DNT		LTE	+11.10	014	LTE			134	OUTLET 510UL
78	34	1.03	96	P 1	NQI		004	-0.77	014	LTE			135	OUTLET 510UL
78	40	6.77	182	P 1	DNT		UTS	-0.02	UTE	LTE			133	OUTLET 510UL
78	42	6.88	180	P 1	DNT		UTS	+0.00	UTE	LTE			133	OUTLET 510UL
		0.71	115	P 1	NQI		004	-0.71	UTE	LTE			133	OUTLET 510UL
78	44	6.92	181	P 1	DNT		UTS	+0.02	UTE	LTE			133	OUTLET 510UL
		0.62	110	3	NQI		004	+6.13	UTE	LTE			133	OUTLET 510UL
78	45	6.07	182	P 1	DNT		UTS	+0.00	UTE	LTE			132	OUTLET 510UL
78	46	6.45	179	P 1	DNT		UTS	+0.00	UTE	LTE			133	OUTLET 510UL
		0.50	107	3	NQI		011	+14.13	UTE	LTE			133	OUTLET 510UL
78	50	6.85	181	P 1	DNT		UTS	+0.00	UTE	LTE			133	OUTLET 510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
78	52	7.35	182	P 1	DNT		UTS	+0.00	UTE	LTE		133	OUTLET	510UL
78	55	7.37	179	P 1	DNT		UTS	+0.02	UTE	LTE		133	OUTLET	510UL
78	56	6.61	183	P 1	DNT		UTS	+0.08	LTE	UTE		5	INLET	510UL
78	57	6.00	185	P 1	DNT		UTS	+0.10	LTE	UTE		5	INLET	510UL
78	58	6.26	185	P 1	DNT		UTS	+0.04	LTE	UTE		5	INLET	510UL
78	59	6.04	185	P 1	DNT		UTS	+0.08	LTE	UTE		5	INLET	510UL
78	60	7.74	186	P 1	DNT		UTS	+0.04	UTE	LTE		2	OUTLET	510UL
78	64	7.96	187	P 1	DNT		UTS	+0.05	UTE	LTE		2	OUTLET	510UL
78	68	12.00	188	P 1	DNT		LTS	-0.09	UTE	LTE		2	OUTLET	510UL
78	69	12.60	181	P 1	DNT		LTS	+0.02	UTE	LTE		3	OUTLET	510UL
78	70	14.76	184	P 1	DNT		LTS	+0.07	UTE	LTE		2	OUTLET	510UL
78	71	6.92	175	P 1	DNT		LTS	+0.14	UTE	LTE		3	OUTLET	510UL
78	78	8.39	187	P 1	DNT		LTS	+0.00	UTE	LTE		34	OUTLET	510UL
78	80	6.88	184	P 1	DNT		LTS	+0.00	UTE	LTE		34	OUTLET	510UL
78	82	8.89	185	P 1	DNT		LTS	+0.04	UTE	LTE		34	OUTLET	510UL
78	84	8.85	184	P 1	DNT		LTS	-0.11	UTE	LTE		34	OUTLET	510UL
78	85	6.92	184	P 1	DNT		LTS	-0.13	UTE	LTE		35	OUTLET	510UL
78	111	0.47	94	P 1	NQI		014	+0.99	UTE	LTE		34	OUTLET	510UL
79	1	21.68	181	3	DNT		LTE	+11.59	014	LTE		135	OUTLET	510UL
79	2	18.64	182	3	DNT		LTE	+10.30	014	LTE		134	OUTLET	510UL
79	14	0.68	43	P 1	NQI		007	+0.66	UTE	LTE		133	OUTLET	510UL
79	17	6.49	180	P 1	DNT		UTS	+0.00	UTE	LTE		133	OUTLET	510UL
79	23	0.50	66	6	ADI		015	+29.75	UTE	LTE		133	OUTLET	510UL
79	35	0.40	66	3	NQI		LTS	+22.39	UTE	LTE		132	OUTLET	510UL
		0.24	104	3	NQI		011	+26.39	UTE	LTE		132	OUTLET	510UL
79	46	0.39	96	3	NQI		010	+20.51	UTE	LTE		133	OUTLET	510UL
79	52	4.23	17	P 1	NQI		UTS	+21.80	UTE	LTE		133	OUTLET	510UL
79	72	18.29	188	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
79	73	0.62	115	3	NQI		006	+35.06	UTE	LTE		3	OUTLET	510UL
		10.33	178	P 1	DNT		LTS	+0.07	UTE	LTE		3	OUTLET	510UL
79	74	6.04	177	P 1	DNT		LTS	+0.00	UTE	LTE		3	OUTLET	510UL
79	85	18.33	186	P 1	DNT		LTS	+0.04	UTE	LTE		34	OUTLET	510UL
79	86	7.11	183	P 1	DNT		LTS	+0.13	UTE	LTE		117	OUTLET	510UL
79	87	6.19	186	P 1	DNT		LTS	-0.06	UTE	LTE		34	OUTLET	510UL
79	88	12.57	187	P 1	DNT		LTS	-0.02	UTE	LTE		117	OUTLET	510UL
79	89	6.99	184	P 1	DNT		LTS	-0.09	UTE	LTE		34	OUTLET	510UL
80	7	0.43	98	3	NQI		010	+33.30	014	LTE		134	OUTLET	510UL
80	8	0.30	70	3	NQI		013	+20.34	014	LTE		135	OUTLET	510UL
80	48	1.78	81	6	ADI		014	+11.11	UTE	LTE		133	OUTLET	510UL
80	62	11.16	181	3	DNT		UTS	+16.98	UTE	LTE		2	OUTLET	510UL
		6.71	178	3	DNT		LTE	+18.50	UTE	LTE		2	OUTLET	510UL
		32.26	181	3	DNT		LTE	+16.90	UTE	LTE		2	OUTLET	510UL
80	63	13.39	182	3	DNT		UTS	+16.32	UTE	LTE		3	OUTLET	510UL
		29.81	182	3	DNT		LTE	+16.88	UTE	LTE		3	OUTLET	510UL
80	71	4.08	77	6	ADI		005	+30.99	UTE	LTE		3	OUTLET	510UL
80	72	7.75	192	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
80	73	10.31	180	P 1	DNT		LTS	-0.04	UTE	LTE		3	OUTLET	510UL
80	74	20.79	185	P 1	DNT		LTS	+0.02	UTE	LTE		2	OUTLET	510UL
80	86	6.01	185	P 1	DNT		LTS	+0.07	UTE	LTE		27	OUTLET	510UL
80	87	9.36	184	P 1	DNT		LTS	+0.07	UTE	LTE		117	OUTLET	510UL
80	88	6.54	181	P 1	DNT		LTS	+0.02	UTE	LTE		27	OUTLET	510UL
80	89	14.92	187	P 1	DNT		LTS	+0.00	UTE	LTE		117	OUTLET	510UL
80	90	6.80	186	P 1	DNT		LTS	-0.05	UTE	LTE		34	OUTLET	510UL
80	109	1.36	104	P 1	NQI		015	-0.60	UTE	LTE		35	OUTLET	510UL
80	123	1.07	104	3	TWD	22	014	+1.74	UTE	LTE		35	OUTLET	510UL
80	130	0.61	110	P 1	NQI		008	-0.56	UTE	LTE		35	OUTLET	510UL
81	2	0.48	90	P 1	NQI		012	+0.48	014	LTE		134	OUTLET	510UL
81	18	0.64	76	P 1	NQI		014	-0.93	UTE	LTE		132	OUTLET	510UL
81	23	0.51	103	3	NQI		010	+16.04	UTE	LTE		133	OUTLET	510UL
81	29	0.68	110	P 1	NQI		010	-0.80	UTE	LTE		133	OUTLET	510UL
81	36	0.54	111	P 1	NQI		010	-0.72	UTE	LTE		132	OUTLET	510UL
81	37	0.32	113	3	NQI		010	+19.58	UTE	LTE		133	OUTLET	510UL
		0.51	78	P 1	NQI		010	-0.77	UTE	LTE		133	OUTLET	510UL
		0.27	80	P 1	NQI		010	-0.76	UTE	LTE		132	OUTLET	510UL
81	62	29.24	181	3	DNT		LTE	+17.00	UTE	LTE		2	OUTLET	510UL
		7.04	179	3	DNT		UTS	+17.11	UTE	LTE		2	OUTLET	510UL
81	66	231.50	19	P 1	BLG		UTS	-0.07	UTE	LTE		2	OUTLET	510UL
		102.40	16	P 1	BLG		LTS	-0.02	UTE	LTE		2	OUTLET	510UL
81	71	9.01	185	P 1	DNT		LTS	-0.09	UTE	LTE		3	OUTLET	510UL
81	72	10.19	187	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
81	73	6.25	178	P 1	DNT		LTS	+0.07	UTE	LTE		3	OUTLET	510UL
81	74	9.01	190	P 1	DNT		LTS	+0.09	UTE	LTE		2	OUTLET	510UL
81	86	6.61	183	P 1	DNT		LTS	+0.09	UTE	LTE		27	OUTLET	510UL
81	88	9.15	186	P 1	DNT		LTS	+0.00	UTE	LTE		27	OUTLET	510UL
81	109	0.43	90	P 1	NQI		015	+0.07	UTE	LTE		27	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
82	1	0.78	42	P 1	NQI		004	+0.80	014	LTE		135	OUTLET	510UL
82	5	7.28	188	P 1	DNT		010	-0.51	014	LTE		134	OUTLET	510UL
		1.61	122	3	NQI		010	+5.67	014	LTE	TO+7.99	134	OUTLET	510UL
82	10	0.41	106	3	NQI		007	+7.57	UTE	LTE		132	OUTLET	510UL
82	13	0.46	111	3	NQI		002	+20.73	UTE	LTE		133	OUTLET	510UL
82	17	0.60	90	3	NQI		010	+17.89	UTE	LTE		133	OUTLET	510UL
82	29	0.62	76	P 1	NQI		010	-0.84	UTE	LTE		133	OUTLET	510UL
82	33	0.42	65	P 1	NQI		010	-0.77	UTE	LTE		133	OUTLET	510UL
82	47	1.11	83	6	ADI		012	+26.19	UTE	LTE		133	OUTLET	510UL
82	53	0.58	92	3	NQI		014	+2.16	UTE	LTE		133	OUTLET	510UL
82	62	8.93	180	3	DNT		UTS	+16.45	UTE	LTE		3	OUTLET	510UL
		20.41	182	3	DNT		LTE	+16.92	UTE	LTE		3	OUTLET	510UL
82	63	13.55	181	3	DNT		UTS	+17.03	UTE	LTE		2	OUTLET	510UL
		21.63	179	3	DNT		LTE	+17.28	UTE	LTE		2	OUTLET	510UL
82	64	0.92	97	3	NQI		001	+1.11	UTE	LTE		3	OUTLET	510UL
82	70	14.13	185	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
82	71	7.18	169	P 1	DNT		LTS	+0.00	UTE	LTE		3	OUTLET	510UL
82	72	6.30	180	P 1	DNT		LTS	+0.07	UTE	LTE		2	OUTLET	510UL
82	76	0.27	105	3	NQI		006	+32.17	UTE	LTE		27	OUTLET	510UL
82	85	8.95	187	P 1	DNT		LTS	+0.13	UTE	LTE		117	OUTLET	510UL
82	86	6.00	183	P 1	DNT		LTS	+0.04	UTE	LTE		27	OUTLET	510UL
82	87	6.53	182	P 1	DNT		LTS	-0.02	UTE	LTE		28	OUTLET	510UL
82	88	8.31	184	P 1	DNT		LTS	+0.02	UTE	LTE		27	OUTLET	510UL
82	92	6.00	191	P 1	DNT		LTS	-0.07	UTE	LTE		27	OUTLET	510UL
82	98	0.31	96	3	NQI		015	+27.32	UTE	LTE		27	OUTLET	510UL
82	106	7.39	157	3	DNT		013	+33.12	UTE	LTE		27	OUTLET	510UL
		0.88	89	P 1	NQI		014	-0.86	UTE	LTE		27	OUTLET	510UL
82	110	0.30	90	3	NQI		010	+34.37	UTE	LTE		27	OUTLET	510UL
82	125	7.99	179	3	DNT		UTS	+3.51	UTE	LTE		27	OUTLET	510UL
		12.54	185	3	DNT		UTS	+3.25	UTE	LTE		27	OUTLET	510UL
		0.56	113	3	NQI		014	+1.54	UTE	LTE		27	OUTLET	510UL
82	128	0.40	82	P 1	NQI		010	+0.94	UTE	LTE		28	OUTLET	510UL
83	4	0.61	94	3	NQI		010	-0.82	014	LTE	TO+11.80	138	OUTLET	510UL
83	11	0.54	47	P 1	NQI		010	-0.55	UTE	LTE		133	OUTLET	510UL
83	12	0.61	70	P 1	NQI		010	-0.61	UTE	LTE		132	OUTLET	510UL
83	18	0.32	78	P 1	NQI		008	+0.45	UTE	LTE		137	OUTLET	510UL
83	19	0.47	105	P 1	NQI		010	-0.55	UTE	LTE		136	OUTLET	510UL
83	23	0.67	49	P 1	NQI		010	-0.80	UTE	LTE		136	OUTLET	510UL
83	31	0.68	121	P 1	NQI		010	+0.53	UTE	LTE		136	OUTLET	510UL
83	66	7.36	190	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
		0.65	110	3	NQI		001	+1.17	UTE	LTE		2	OUTLET	510UL
83	70	6.22	189	3	DNT		005	+21.11	UTE	LTE		2	OUTLET	510UL
		7.68	190	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
83	71	5.92	117	4	TWD	12	008	+23.81	UTE	LTE		3	OUTLET	510UL
		10.73	184	P 1	DNT		LTS	-0.07	UTE	LTE		3	OUTLET	510UL
83	72	14.30	183	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
83	79	0.32	110	3	NQI		009	+24.03	UTE	LTE		27	OUTLET	510UL
83	85	7.16	184	P 1	DNT		LTS	+0.07	UTE	LTE		27	OUTLET	510UL
83	87	8.85	183	P 1	DNT		LTS	+0.04	UTE	LTE		27	OUTLET	510UL
83	89	10.22	186	P 1	DNT		LTS	+0.00	UTE	LTE		27	OUTLET	510UL
83	90	10.41	184	P 1	DNT		LTS	-0.11	UTE	LTE		28	OUTLET	510UL
83	94	11.05	189	P 1	DNT		LTS	-0.13	UTE	LTE		27	OUTLET	510UL
83	128	0.35	108	3	NQI		012	+20.71	UTE	LTE		27	OUTLET	510UL
		0.42	105	3	NQI		012	+18.88	UTE	LTE		27	OUTLET	510UL
83	131	0.38	106	3	NQI		011	+1.25	UTE	LTE		28	OUTLET	510UL
84	12	0.25	85	3	NQI		003	+27.54	UTE	LTE		137	OUTLET	510UL
84	37	0.41	101	3	NQI		011	+36.13	UTE	LTE		136	OUTLET	510UL
84	38	0.28	65	3	NQI		011	+23.04	UTE	LTE		137	OUTLET	510UL
84	56	0.48	111	3	NQI		009	+25.42	UTE	LTE		136	OUTLET	510UL
		1.99	81	6	ADI		004	+17.12	UTE	LTE		136	OUTLET	510UL
		6.82	192	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
84	68	10.36	189	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
84	69	9.82	183	P 1	DNT		LTS	-0.09	UTE	LTE		3	OUTLET	510UL
84	70	15.76	187	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
84	71	21.81	181	P 1	DNT		LTS	-0.02	UTE	LTE		3	OUTLET	510UL
84	72	19.56	183	P 1	DNT		LTS	+0.02	UTE	LTE		2	OUTLET	510UL
		0.65	136	P 1	NQI		013	+0.60	UTE	LTE		2	OUTLET	510UL
84	74	0.94	108	3	NQI		013	+25.46	UTE	LTE		2	OUTLET	510UL
84	88	9.41	187	P 1	DNT		LTS	+0.00	UTE	LTE		27	OUTLET	510UL
84	89	9.72	182	P 1	DNT		LTS	-0.09	UTE	LTE		28	OUTLET	510UL
84	92	7.13	191	P 1	DNT		LTS	-0.11	UTE	LTE		27	OUTLET	510UL
84	93	9.26	189	P 1	DNT		LTS	-0.15	UTE	LTE		28	OUTLET	510UL
84	114	0.43	85	P 1	TWD	23	014	+0.92	UTE	LTE		27	OUTLET	510UL
84	118	8.52	191	3	DNT		LTE	+7.36	UTE	LTE		27	OUTLET	510UL
84	120	0.87	69	3	NQI		LTS	+6.19	UTE	LTE		27	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
84	129	1.75	89	P 1	TWD	52	013	+0.60	UTE	LTE		28	OUTLET	510UL
84	130	1.76	81	P 1	TWD	35	013	+1.24	UTE	LTE		27	OUTLET	510UL
85	8	0.39	104	3	NQI		012	+8.77	UTE	LTE		137	OUTLET	510UL
85	27	1.03	38	P 1	NQI		010	+0.61	LTE	UTE		153	INLET	510UL
85	60	6.35	185	P 1	DNT		LTS	-0.09	UTE	LTE		2	OUTLET	510UL
85	62	7.51	188	P 1	DNT		LTS	-0.09	UTS	LTE		2	OUTLET	510UL
		7.57	177	P 1	DNT		LTS	-0.09	LTE	UTE		9	INLET	500UL
85	63	9.34	187	P 1	DNT		LTS	-0.09	UTE	LTE		2	OUTLET	510UL
85	64	8.37	182	P 1	DNT		LTS	-0.09	UTE	LTE		3	OUTLET	510UL
85	65	6.46	188	P 1	DNT		LTS	-0.09	UTE	LTE		2	OUTLET	510UL
85	66	6.40	177	P 1	DNT		LTS	-0.07	UTE	LTE		3	OUTLET	510UL
85	67	11.62	186	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
85	68	11.56	181	P 1	DNT		LTS	-0.02	UTE	LTE		3	OUTLET	510UL
85	69	24.02	184	P 1	DNT		LTS	+0.02	UTE	LTE		2	OUTLET	510UL
85	70	28.76	181	P 1	DNT		LTS	+0.02	UTE	LTE		3	OUTLET	510UL
85	71	24.43	186	P 1	DNT		LTS	+0.04	UTE	LTE		2	OUTLET	510UL
85	88	7.56	188	P 1	DNT		LTS	-0.06	UTE	LTE		27	OUTLET	510UL
85	102	0.45	84	3	NQI		006	+25.96	UTE	LTE		27	OUTLET	510UL
85	109	0.70	100	3	NQI		002	+37.28	UTE	LTE		28	OUTLET	510UL
85	117	0.27	109	3	NQI		014	+1.28	UTE	LTE		27	OUTLET	510UL
86	2	0.41	90	3	NQI		010	+1.41	TO+17.43	015	LTE	138	OUTLET	510UL
86	3	0.98	100	3	NQI		010	+1.88	014	LTE		138	OUTLET	510UL
86	63	12.71	186	P 1	DNT		LTS	-0.02	UTE	LTE		2	OUTLET	510UL
86	64	24.27	184	P 1	DNT		LTS	-0.07	UTE	LTE		2	OUTLET	510UL
86	65	10.72	179	P 1	DNT		LTS	-0.11	UTE	LTE		3	OUTLET	510UL
86	66	6.21	183	P 1	DNT		LTS	-0.04	UTE	LTE		2	OUTLET	510UL
86	68	9.57	183	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
86	69	9.81	176	P 1	DNT		LTS	+0.05	UTE	LTE		3	OUTLET	510UL
86	70	25.04	185	P 1	DNT		LTS	+0.04	UTE	LTE		2	OUTLET	510UL
86	71	18.49	180	P 1	DNT		LTS	+0.07	UTE	LTE		3	OUTLET	510UL
86	87	7.52	183	P 1	DNT		LTS	+0.02	UTE	LTE		24	OUTLET	510UL
86	102	0.27	87	3	NQI		LTS	+34.03	UTE	LTE		25	OUTLET	510UL
86	120	1.18	58	P 1	NQI		014	+0.75	UTE	LTE		24	OUTLET	510UL
86	128	0.49	78	P 1	NQI		006	+0.69	UTE	LTE		28	OUTLET	510UL
87	3	0.98	59	P 1	NQI		012	+0.72	014	LTE		138	OUTLET	510UL
87	40	0.43	92	3	NQI		007	+23.97	UTE	LTE		141	OUTLET	510UL
87	57	7.49	182	P 1	DNT		LTS	-0.13	UTE	LTE		143	OUTLET	510UL
87	60	7.45	190	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
87	61	7.60	184	P 1	DNT		LTS	-0.04	UTE	LTE		3	OUTLET	510UL
87	62	17.88	186	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
87	63	14.57	178	P 1	DNT		LTS	+0.05	UTE	LTE		3	OUTLET	510UL
87	64	15.84	185	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
87	70	2.39	114	3	NQI		012	+11.18	UTE	LTE		3	OUTLET	510UL
87	84	6.95	182	P 1	DNT		LTS	+0.07	UTE	LTE		24	OUTLET	510UL
87	86	12.42	185	P 1	DNT		LTS	+0.00	UTE	LTE		24	OUTLET	510UL
88	24	0.41	114	3	NQI		010	+13.85	UTE	LTE		141	OUTLET	510UL
88	27	0.35	101	3	NQI		014	+6.72	UTE	LTE		143	OUTLET	510UL
88	58	6.60	176	P 1	DNT		LTS	+0.00	UTE	LTE		143	OUTLET	510UL
88	59	13.20	184	P 1	DNT		LTS	+0.00	UTE	LTE		141	OUTLET	510UL
88	60	14.68	183	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
88	61	23.74	185	P 1	DNT		LTS	-0.55	UTE	LTE		2	OUTLET	510UL
88	62	22.30	186	P 1	DNT		LTS	-0.55	UTE	LTE		2	OUTLET	510UL
88	63	13.55	179	P 1	DNT		LTS	+0.09	UTE	LTE		3	OUTLET	510UL
88	64	6.28	180	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
88	71	0.58	112	3	NQI		010	+19.49	UTE	LTE		3	OUTLET	510UL
88	84	7.19	183	P 1	DNT		LTS	+0.07	UTE	LTE		37	OUTLET	510UL
88	86	7.79	185	P 1	DNT		LTS	+0.07	UTE	LTE		37	OUTLET	510UL
88	95	6.39	184	P 1	DNT		LTS	-0.15	UTE	LTE		38	OUTLET	510UL
88	96	10.02	189	P 1	DNT		LTS	-0.13	UTE	LTE		37	OUTLET	510UL
89	3	1.20	159	3	NQI		010	+1.34	014	LTE		138	OUTLET	510UL
		0.73	62	3	NQI		009	+37.63	014	LTE		138	OUTLET	510UL
89	5	0.33	92	P 1	NQI		009	+0.60	UTE	LTE		148	OUTLET	510UL
89	58	8.53	182	P 1	DNT		LTS	+0.07	UTE	LTE		141	OUTLET	510UL
89	59	21.40	187	P 1	DNT		LTS	+0.13	UTE	LTE		141	OUTLET	510UL
89	60	22.21	186	P 1	DNT		LTS	+0.00	UTE	LTE		2	OUTLET	510UL
89	61	8.86	177	P 1	DNT		LTS	+0.07	UTE	LTE		3	OUTLET	510UL
89	66	235.20	19	P 1	BLG		LTS	-0.35	UTE	LTE		2	OUTLET	510UL
		107.30	18	P 1	BLG		UTS	-0.04	UTE	LTE		2	OUTLET	510UL
89	69	0.34	91	3	NQI		007	+14.76	UTE	LTE		3	OUTLET	510UL
89	71	0.47	84	3	NQI		015	+37.77	UTE	LTE		3	OUTLET	510UL
89	81	11.32	186	3	DNT		011	+20.55	UTE	LTE		34	OUTLET	510UL
89	83	6.42	184	P 1	DNT		LTS	+0.07	UTE	LTE		34	OUTLET	510UL
89	85	6.54	190	3	DNT		002	+3.83	UTE	LTE		34	OUTLET	510UL
89	95	10.67	187	P 1	DNT		LTS	-0.15	UTE	LTE		34	OUTLET	510UL
89	96	9.73	193	P 1	DNT		LTS	-0.20	UTE	LTE		117	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
89	105	0.67	102	3	NQI		013 +4.48	UTE	LTE			34	OUTLET	510UL
89	122	8.05	179	3	DNT		UTS +11.72	UTE	LTE			117	OUTLET	510UL
		8.87	182	3	DNT		UTS +10.55	UTE	LTE			117	OUTLET	510UL
89	124	7.36	185	3	DNT		UTS +15.45	UTE	LTE			117	OUTLET	510UL
		11.59	185	3	DNT		UTS +21.42	UTE	LTE			117	OUTLET	510UL
		6.37	187	3	DNT		UTS +21.97	UTE	LTE			117	OUTLET	510UL
		13.77	184	3	DNT		UTS +22.39	UTE	LTE			117	OUTLET	510UL
		6.25	184	3	DNT		UTS +19.77	UTE	LTE			117	OUTLET	510UL
89	127	0.82	63	P 1	NQI		014 +0.91	UTE	LTE			34	OUTLET	510UL
90	3	0.49	86	P 1	NQI		010 +0.26	UTE	LTE			147	OUTLET	510UL
90	5	0.41	72	3	NQI		009 +37.08	UTE	LTE			147	OUTLET	510UL
90	54	7.75	185	3	DNT		005 +23.62	UTE	LTE			141	OUTLET	510UL
		19.81	183	3	DNT		005 +22.57	UTE	LTE			141	OUTLET	510UL
90	58	21.66	184	P 1	DNT		LTS +0.04	UTE	LTE			141	OUTLET	510UL
90	59	18.05	184	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
90	60	6.04	176	P 1	DNT		LTS +0.14	UTE	LTE			3	OUTLET	510UL
90	66	6.10	175	P 1	DNT		LTS +0.09	UTE	LTE			3	OUTLET	510UL
90	67	6.50	183	P 1	DNT		LTS +0.07	UTE	LTE			2	OUTLET	510UL
90	75	0.45	96	3	NQI		006 +16.93	UTE	LTE			25	OUTLET	510UL
		0.34	63	3	NQI		006 +37.58	UTE	LTE			25	OUTLET	510UL
		0.39	95	3	NQI		005 +32.45	UTE	LTE			25	OUTLET	510UL
		0.32	67	3	NQI		005 +31.30	UTE	LTE			25	OUTLET	510UL
90	80	6.12	184	P 1	DNT		LTS +0.16	UTE	LTE			24	OUTLET	510UL
90	82	7.61	185	P 1	DNT		LTS +0.02	UTE	LTE			24	OUTLET	510UL
90	83	6.14	178	P 1	DNT		LTS +0.00	UTE	LTE			25	OUTLET	510UL
90	85	0.34	98	3	NQI		002 +27.02	UTE	LTE			25	OUTLET	510UL
90	91	0.22	112	3	TWD	6	015 +19.35	UTE	LTE			25	OUTLET	510UL
		0.41	113	3	NQI		015 +16.27	UTE	LTE			25	OUTLET	510UL
90	94	11.94	189	P 1	DNT		LTS -0.33	UTE	LTE			24	OUTLET	510UL
		0.36	88	3	NQI		007 +14.74	UTE	LTE			24	OUTLET	510UL
90	95	9.02	190	P 1	DNT		LTS -0.24	UTE	LTE			25	OUTLET	510UL
90	116	1.00	90	P 1	NQI		014 +0.75	UTE	LTE			25	OUTLET	510UL
90	129	0.25	113	3	NQI		014 +1.48	UTE	LTE			24	OUTLET	510UL
		0.27	108	3	NQI		014 +1.24	UTE	LTE			24	OUTLET	510UL
91	1	0.47	90	3	NQI		010 +8.42	UTE	LTE			147	OUTLET	510UL
91	3	0.56	86	3	NQI		014 +11.77	UTE	LTE			147	OUTLET	510UL
91	56	6.04	185	P 1	DNT		LTS +0.02	UTE	LTE			147	OUTLET	510UL
91	57	8.24	183	P 1	DNT		LTS +0.04	UTE	LTE			147	OUTLET	510UL
91	58	15.09	185	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
91	59	6.57	176	P 1	DNT		LTS +0.00	UTE	LTE			3	OUTLET	510UL
91	60	11.93	185	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
91	64	6.85	184	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
91	71	7.26	182	3	DNT		LTE +7.05	UTE	LTE			3	OUTLET	510UL
91	72	7.06	197	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
91	73	7.74	190	P 1	DNT		LTS +0.15	UTE	LTE			37	OUTLET	510UL
91	78	5.05	175	P 1	NQI		LTS -0.02	UTE	LTE			25	OUTLET	510UL
91	79	6.55	185	P 1	DNT		LTS +0.11	UTE	LTE			24	OUTLET	510UL
91	81	6.57	184	P 1	DNT		LTS +0.00	UTE	LTE			24	OUTLET	510UL
91	88	0.41	74	3	NQI		012 +6.35	UTE	LTE			24	OUTLET	510UL
		0.24	82	3	NQI		009 +35.29	UTE	LTE			24	OUTLET	510UL
91	92	6.66	190	P 1	DNT		LTS -0.18	UTE	LTE			24	OUTLET	510UL
91	102	0.75	95	3	NQI		010 +28.27	UTE	LTE			24	OUTLET	510UL
91	108	0.55	104	3	NQI		005 +6.83	UTE	LTE			24	OUTLET	510UL
91	110	0.93	56	P 1	NQI		015 +0.39	UTE	LTE			24	OUTLET	510UL
92	3	0.55	44	P 1	NQI		010 +0.65	UTE	LTE			147	OUTLET	510UL
92	17	0.32	103	3	NQI		010 +3.16	UTE	LTE			148	OUTLET	510UL
92	57	6.38	176	P 1	DNT		LTS +0.02	UTE	LTE			148	OUTLET	510UL
92	59	19.18	185	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
92	60	18.81	178	P 1	DNT		LTS +0.07	UTE	LTE			3	OUTLET	510UL
92	61	11.95	186	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
92	62	13.90	179	P 1	DNT		LTS +0.05	UTE	LTE			3	OUTLET	510UL
92	63	6.07	183	P 1	DNT		LTS +0.07	UTE	LTE			2	OUTLET	510UL
92	67	6.18	182	P 1	DNT		LTS +0.13	UTE	LTE			2	OUTLET	510UL
92	71	7.45	189	P 1	DNT		LTS +0.00	UTE	LTE			2	OUTLET	510UL
92	75	9.60	191	P 1	DNT		LTS +0.24	UTE	LTE			37	OUTLET	510UL
92	76	6.58	172	P 1	DNT		LTS +0.07	UTE	LTE			38	OUTLET	510UL
92	77	13.45	187	P 1	DNT		LTS +0.11	UTE	LTE			37	OUTLET	510UL
92	78	10.84	178	P 1	DNT		LTS +0.11	UTE	LTE			25	OUTLET	510UL
92	79	10.78	182	P 1	DNT		LTS +0.07	UTE	LTE			24	OUTLET	510UL
92	81	7.08	180	P 1	DNT		LTS +0.04	UTE	LTE			24	OUTLET	510UL
92	82	6.35	177	P 1	DNT		LTS +0.00	UTE	LTE			25	OUTLET	510UL
92	83	8.64	186	P 1	DNT		LTS +0.02	UTE	LTE			24	OUTLET	510UL
92	102	8.57	195	P 1	DNT		LTE +3.69	UTE	LTE			25	OUTLET	510UL
92	124	8.84	193	3	DNT		LTE +5.68	UTE	LTE			25	OUTLET	510UL
93	6	0.28	110	3	NQI		014 +1.18	UTE	LTE			147	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
93	21	0.33	84	3	NQI		007	+17.65	UTE	LTE			147	OUTLET	510UL
		0.37	87	3	NQI		006	+35.47	UTE	LTE			147	OUTLET	510UL
93	28	0.25	86	3	NQI		013	+17.85	UTE	LTE			148	OUTLET	510UL
		0.19	86	3	NQI		012	+8.78	UTE	LTE			148	OUTLET	510UL
93	48	1.26	17	3	NQI		008	+19.36	UTE	LTE			148	OUTLET	510UL
93	54	9.32	177	P 1	DNT		LTS	-0.02	UTE	LTE			148	OUTLET	510UL
93	55	0.30	91	3	NQI		008	+12.45	UTE	LTE			147	OUTLET	510UL
		0.18	100	3	NQI		008	+32.59	UTE	LTE			147	OUTLET	510UL
		6.19	183	P 1	DNT		LTS	-0.30	UTE	LTE			147	OUTLET	510UL
93	57	16.62	186	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
93	58	12.84	179	P 1	DNT		LTS	+0.09	UTE	LTE			3	OUTLET	510UL
93	59	12.95	186	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
93	60	9.53	176	P 1	DNT		LTS	+0.05	UTE	LTE			3	OUTLET	510UL
93	61	10.41	183	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
93	65	6.04	183	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
93	71	6.10	190	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
93	72	12.92	190	P 1	DNT		LTS	+0.22	UTE	LTE			37	OUTLET	510UL
93	73	21.88	187	P 1	DNT		LTS	+0.07	UTE	LTE			37	OUTLET	510UL
93	74	8.96	173	P 1	DNT		LTS	+0.07	UTE	LTE			38	OUTLET	510UL
93	76	12.17	178	P 1	DNT		LTS	+0.00	UTE	LTE			25	OUTLET	510UL
93	77	6.89	187	P 1	DNT		LTS	+0.09	UTE	LTE			24	OUTLET	510UL
93	80	7.76	178	P 1	DNT		LTS	+0.00	UTE	LTE			25	OUTLET	510UL
93	81	11.38	186	P 1	DNT		LTS	-0.02	UTE	LTE			24	OUTLET	510UL
93	109	0.85	83	P 1	NQI		014	+0.78	UTE	LTE			23	OUTLET	510UL
		0.60	116	3	NQI		014	+1.07	UTE	LTE			23	OUTLET	510UL
93	118	0.58	99	P 1	NQI		014	+0.91	UTE	LTE			22	OUTLET	510UL
94	2	9.76	187	P 1	DNT		010	-0.11	UTE	LTE			147	OUTLET	510UL
94	3	0.34	127	P 1	NQI		010	+0.63	UTE	LTE			148	OUTLET	510UL
94	19	0.35	73	P 1	NQI		014	+0.96	UTE	LTE			147	OUTLET	510UL
94	54	6.82	179	P 1	DNT		LTS	-0.17	UTE	LTE			148	OUTLET	510UL
94	58	6.13	177	P 1	DNT		LTS	+0.08	UTE	LTE			148	OUTLET	510UL
94	60	7.64	188	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
94	61	11.45	187	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
94	62	6.29	176	P 1	DNT		LTS	+0.00	UTE	LTE			3	OUTLET	510UL
94	66	0.39	80	P 1	NQI		UTS	+20.82	UTE	LTE			3	OUTLET	510UL
94	71	9.13	187	3	DNT		003	+17.28	UTE	LTE			2	OUTLET	510UL
94	73	7.68	187	P 1	DNT		LTS	-0.06	UTE	LTE			2	OUTLET	510UL
94	74	13.48	179	P 1	DNT		LTS	-0.35	UTE	LTE			3	OUTLET	510UL
94	75	38.42	187	P 1	DNT		LTS	+0.07	UTE	LTE			37	OUTLET	510UL
94	76	17.49	178	P 1	DNT		LTS	+0.04	UTE	LTE			23	OUTLET	510UL
		0.27	71	3	NQI		015	+25.38	UTE	LTE			23	OUTLET	510UL
94	77	12.15	186	P 1	DNT		LTS	+0.13	UTE	LTE			22	OUTLET	510UL
94	78	7.27	177	P 1	DNT		LTS	+0.09	UTE	LTE			23	OUTLET	510UL
94	79	9.21	189	P 1	DNT		LTS	+0.11	UTE	LTE			22	OUTLET	510UL
94	80	9.11	176	P 1	DNT		LTS	+0.02	UTE	LTE			23	OUTLET	510UL
94	81	10.05	187	P 1	DNT		LTS	+0.15	UTE	LTE			22	OUTLET	510UL
94	82	11.16	180	P 1	DNT		LTS	-0.02	UTE	LTE			23	OUTLET	510UL
94	83	17.45	186	P 1	DNT		LTS	-0.02	UTE	LTE			22	OUTLET	510UL
94	103	0.28	110	3	NQI		009	+35.04	UTE	LTE			23	OUTLET	510UL
95	2	0.60	133	P 1	NQI		010	+0.54	UTE	LTE			147	OUTLET	510UL
95	55	6.80	177	P 1	DNT		LTS	+0.02	UTE	LTE			148	OUTLET	510UL
		0.30	78	3	NQI		LTS	+14.49	UTE	LTE			148	OUTLET	510UL
95	61	6.13	181	P 1	DNT		LTS	-0.02	UTE	LTE			3	OUTLET	510UL
95	67	6.89	183	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
95	69	6.63	184	3	DNT		013	+19.81	UTE	LTE			2	OUTLET	510UL
95	73	19.77	186	P 1	DNT		LTS	+0.00	UTE	LTE			2	OUTLET	510UL
95	74	37.12	186	P 1	DNT		LTS	+0.07	UTE	LTE			37	OUTLET	510UL
95	75	16.42	177	P 1	DNT		LTS	+0.04	UTE	LTE			38	OUTLET	510UL
95	77	11.06	190	P 1	DNT		LTS	+0.13	UTE	LTE			22	OUTLET	510UL
95	78	14.98	181	P 1	DNT		LTS	+0.07	UTE	LTE			23	OUTLET	510UL
95	79	8.65	192	P 1	DNT		LTS	+0.07	UTE	LTE			22	OUTLET	510UL
		0.32	83	3	NQI		013	+18.84	UTE	LTE			22	OUTLET	510UL
95	80	7.83	180	P 1	DNT		LTS	+0.07	UTE	LTE			23	OUTLET	510UL
95	81	17.50	187	P 1	DNT		LTS	-0.02	UTE	LTE			22	OUTLET	510UL
95	82	7.15	178	P 1	DNT		LTS	-0.07	UTE	LTE			23	OUTLET	510UL
95	128	0.40	115	P 1	NQI		008	-0.46	UTE	LTE			22	OUTLET	510UL
96	2	0.86	105	P 1	NQI		010	+0.52	UTE	LTE			147	OUTLET	510UL
96	44	2.41	26	P 1	NQI		010	-0.95	UTE	LTE			147	OUTLET	510UL
96	60	7.97	180	P 1	DNT		LTS	+0.00	UTE	LTE			148	OUTLET	510UL
96	62	0.26	56	3	NQI		006	+3.46	UTE	LTE			151	OUTLET	510UL
		7.20	174	P 1	DNT		LTS	+0.00	UTE	LTE			151	OUTLET	510UL
96	64	8.40	175	P 1	DNT		LTS	+0.00	UTE	LTE			151	OUTLET	510UL
96	65	9.15	186	P 1	DNT		LTS	+0.04	UTE	LTE			37	OUTLET	510UL
96	66	7.22	173	P 1	DNT		LTS	+0.11	UTE	LTE			38	OUTLET	510UL
96	67	9.16	185	P 1	DNT		LTS	+0.09	UTE	LTE			37	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
96	68	10.09	175	P 1	DNT		LTS	+0.09	UTE	LTE		38	OUTLET	510UL
96	69	8.36	183	P 1	DNT		LTS	+0.11	UTE	LTE		37	OUTLET	510UL
96	71	6.31	184	P 1	DNT		LTS	+0.09	UTE	LTE		37	OUTLET	510UL
96	72	6.86	175	P 1	DNT		LTS	+0.04	UTE	LTE		38	OUTLET	510UL
96	73	12.29	183	P 1	DNT		LTS	+0.07	UTE	LTE		37	OUTLET	510UL
96	74	6.58	174	P 1	DNT		LTS	+0.07	UTE	LTE		38	OUTLET	510UL
96	75	10.66	184	P 1	DNT		LTS	+0.18	UTE	LTE		37	OUTLET	510UL
		7.07	189	3	DNT		UTS	+20.00	UTE	LTE		37	OUTLET	510UL
96	76	11.50	182	P 1	DNT		LTS	+0.07	UTE	LTE		17	OUTLET	510UL
96	78	11.08	182	P 1	DNT		LTS	+0.07	UTE	LTE		17	OUTLET	510UL
96	79	6.13	182	P 1	DNT		LTS	+0.02	UTE	LTE		17	OUTLET	510UL
96	80	7.22	186	P 1	DNT		LTS	+0.00	UTE	LTE		17	OUTLET	510UL
96	122	0.48	104	3	NQI		015	+31.33	UTE	LTE		22	OUTLET	510UL
96	127	0.62	92	P 1	NQI		008	-0.42	UTE	LTE		22	OUTLET	510UL
97	2	0.54	115	P 1	NQI		010	+0.59	UTE	LTE		148	OUTLET	510UL
97	25	0.38	98	3	NQI		008	+11.37	UTE	LTE		148	OUTLET	510UL
97	56	10.25	187	P 1	DNT		LTS	-0.19	UTE	LTE		150	OUTLET	510UL
97	57	7.88	178	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
97	61	0.31	103	3	NQI		014	+15.84	UTE	LTE		151	OUTLET	510UL
97	65	9.82	184	P 1	DNT		LTS	+0.04	UTE	LTE		37	OUTLET	510UL
97	66	6.10	174	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
97	67	9.97	185	P 1	DNT		LTS	+0.09	UTE	LTE		37	OUTLET	510UL
97	68	7.47	174	P 1	DNT		LTS	+0.11	UTE	LTE		38	OUTLET	510UL
97	69	10.07	185	P 1	DNT		LTS	+0.09	UTE	LTE		37	OUTLET	510UL
97	71	7.55	186	P 1	DNT		LTS	+0.07	UTE	LTE		37	OUTLET	510UL
97	72	6.94	177	P 1	DNT		LTS	+0.04	UTE	LTE		38	OUTLET	510UL
97	73	8.52	187	P 1	DNT		LTS	+0.02	UTE	LTE		37	OUTLET	510UL
97	74	7.83	180	P 1	DNT		LTS	+0.02	UTE	LTE		38	OUTLET	510UL
97	75	12.82	186	P 1	DNT		LTS	+0.13	UTE	LTE		37	OUTLET	510UL
97	76	12.94	182	P 1	DNT		LTS	+0.02	UTE	LTE		17	OUTLET	510UL
97	77	10.85	182	P 1	DNT		LTS	+0.04	UTE	LTE		17	OUTLET	510UL
97	78	0.27	97	3	NQI		013	+11.37	UTE	LTE		17	OUTLET	510UL
		10.77	181	P 1	DNT		LTS	+0.02	UTE	LTE		17	OUTLET	510UL
97	79	6.25	186	P 1	DNT		LTS	-0.02	UTE	LTE		17	OUTLET	510UL
97	81	0.24	101	3	NQI		001	+10.46	UTE	LTE		17	OUTLET	510UL
97	100	0.26	112	3	NQI		007	+18.81	UTE	LTE		17	OUTLET	510UL
97	112	0.30	84	3	NQI		014	+4.80	UTE	LTE		16	OUTLET	510UL
98	12	0.92	88	3	NQI		014	+1.28	UTE	LTE		151	OUTLET	510UL
98	56	7.54	181	P 1	DNT		LTS	+0.00	UTE	LTE		149	OUTLET	510UL
98	57	10.55	180	P 1	DNT		LTS	-0.02	UTE	LTE		149	OUTLET	510UL
98	58	8.71	182	P 1	DNT		LTS	-0.39	UTE	LTE		150	OUTLET	510UL
98	59	9.29	176	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
98	64	7.73	176	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
98	65	8.00	185	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
98	66	0.33	117	3	NQI		011	+17.78	UTE	LTE		38	OUTLET	510UL
98	67	9.35	183	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
98	69	6.81	179	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
98	70	6.66	175	P 1	DNT		LTS	+0.09	UTE	LTE		38	OUTLET	510UL
98	71	7.66	185	P 1	DNT		LTS	+0.09	UTE	LTE		37	OUTLET	510UL
98	73	11.48	182	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
98	75	7.98	178	P 1	DNT		LTS	+0.00	UTE	LTE		38	OUTLET	510UL
98	76	17.02	189	P 1	DNT		LTS	+0.00	UTE	LTE		16	OUTLET	510UL
98	77	11.01	182	P 1	DNT		LTS	+0.00	UTE	LTE		17	OUTLET	510UL
98	78	8.66	184	P 1	DNT		LTS	+0.00	UTE	LTE		16	OUTLET	510UL
99	6	0.32	99	3	NQI		012	+35.32	UTE	LTE		151	OUTLET	510UL
99	41	0.49	85	P 1	NQI		013	+0.18	UTE	LTE		149	OUTLET	510UL
99	58	13.38	184	P 1	DNT		LTS	+0.02	UTE	LTE		150	OUTLET	510UL
99	59	6.81	178	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
99	63	7.52	179	P 1	DNT		LTS	+0.00	UTE	LTE		151	OUTLET	510UL
99	64	10.21	184	P 1	DNT		LTS	+0.02	UTE	LTE		37	OUTLET	510UL
99	65	6.08	182	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
99	67	0.26	92	3	NQI		015	+34.70	UTE	LTE		37	OUTLET	510UL
		0.48	112	3	NQI		015	+34.06	UTE	LTE		37	OUTLET	510UL
		0.48	106	3	NQI		015	+33.82	UTE	LTE		37	OUTLET	510UL
		0.61	113	3	NQI		015	+33.49	UTE	LTE		37	OUTLET	510UL
		0.34	107	3	NQI		015	+29.83	UTE	LTE		37	OUTLET	510UL
		0.70	110	3	NQI		015	+27.63	UTE	LTE		37	OUTLET	510UL
99	68	8.27	174	P 1	DNT		LTS	+0.04	UTE	LTE		38	OUTLET	510UL
99	69	7.36	183	P 1	DNT		LTS	+0.02	UTE	LTE		37	OUTLET	510UL
99	71	6.57	184	P 1	DNT		LTS	+0.00	UTE	LTE		37	OUTLET	510UL
99	72	6.98	179	P 1	DNT		LTS	+0.04	UTE	LTE		38	OUTLET	510UL
99	73	7.15	184	P 1	DNT		LTS	-0.02	UTE	LTE		37	OUTLET	510UL
99	75	7.02	187	P 1	DNT		LTS	-0.04	UTE	LTE		16	OUTLET	510UL
99	77	9.04	186	P 1	DNT		LTS	+0.00	UTE	LTE		16	OUTLET	510UL
99	83	0.28	90	3	NQI		009	+2.53	UTE	LTE		16	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
99	86	0.25	75	3	NQI		012	+8.02	UTE	LTE			17	OUTLET	510UL
99	91	0.14	85	3	NQI		008	+19.17	UTE	LTE			16	OUTLET	510UL
99	101	6.63	185	3	DNT		008	+16.05	UTE	LTE			16	OUTLET	510UL
99	126	0.90	122	P 1	NQI		008	-0.64	UTE	LTE			16	OUTLET	510UL
100	43	0.55	76	P 1	NQI		013	+0.73	UTE	LTE			149	OUTLET	510UL
100	59	6.07	173	P 1	DNT		LTS	+0.00	LTE	UTE			153	INLET	510UL
100	60	8.65	181	P 1	DNT		LTS	+0.00	UTE	LTE			150	OUTLET	510UL
100	61	7.03	177	P 1	DNT		LTS	-0.20	UTE	LTE			151	OUTLET	510UL
100	63	7.88	176	P 1	DNT		LTS	-0.16	UTE	LTE			151	OUTLET	510UL
100	64	9.15	183	P 1	DNT		LTS	-0.02	UTE	LTE			37	OUTLET	510UL
100	66	6.06	183	P 1	DNT		LTS	-0.04	UTE	LTE			37	OUTLET	510UL
100	68	6.92	182	P 1	DNT		LTS	+0.04	UTE	LTE			37	OUTLET	510UL
100	69	0.40	82	3	NQI		006	+12.37	UTE	LTE			38	OUTLET	510UL
100	70	7.55	185	P 1	DNT		LTS	+0.11	UTE	LTE			37	OUTLET	510UL
100	71	8.43	180	P 1	DNT		LTS	+0.04	UTE	LTE			38	OUTLET	510UL
100	72	8.22	183	P 1	DNT		LTS	-0.02	UTE	LTE			37	OUTLET	510UL
100	74	8.42	186	P 1	DNT		LTS	+0.00	UTE	LTE			14	OUTLET	510UL
100	102	6.90	4	3	DNT		UTS	+14.38	UTE	LTE			14	OUTLET	510UL
100	120	0.28	88	3	NQI		011	+34.97	UTE	LTE			16	OUTLET	510UL
		0.35	90	3	NQI		010	+5.51	UTE	LTE			16	OUTLET	510UL
100	125	0.50	123	P 1	NQI		008	-0.70	UTE	LTE			17	OUTLET	510UL
101	1	0.42	107	3	NQI		010	+7.13	UTE	LTE			149	OUTLET	510UL
		0.40	110	3	NQI		010	+6.67	UTE	LTE			149	OUTLET	510UL
101	4	0.79	97	P 1	NQI		009	-0.23	UTE	LTE			149	OUTLET	510UL
101	44	0.45	82	P 1	NQI		014	+0.43	UTE	LTE			149	OUTLET	510UL
101	60	6.24	181	P 1	DNT		LTS	+0.00	UTE	LTE			151	OUTLET	510UL
101	63	8.24	187	P 1	DNT		LTS	-0.11	UTE	LTE			37	OUTLET	510UL
101	66	0.44	104	3	NQI		013	+15.82	UTE	LTE			38	OUTLET	510UL
101	69	6.47	186	P 1	DNT		LTS	+0.00	UTE	LTE			37	OUTLET	510UL
101	71	8.83	188	P 1	DNT		LTS	-0.04	UTE	LTE			37	OUTLET	510UL
101	73	6.64	182	P 1	DNT		LTS	+0.00	UTE	LTE			14	OUTLET	510UL
101	120	1.27	123	3	NQI		014	+33.62	UTE	LTE			15	OUTLET	510UL
101	122	0.65	74	P 1	NQI		UTS	+20.31	UTE	LTE			15	OUTLET	510UL
102	2	0.59	119	P 1	NQI		010	+0.51	UTE	LTE			149	OUTLET	510UL
102	20	0.41	93	3	NQI		013	+21.57	UTE	LTE			146	OUTLET	510UL
102	39	0.38	82	P 1	NQI		014	-0.38	UTE	LTE			149	OUTLET	510UL
102	75	7.65	184	P 1	DNT		LTS	+0.00	UTE	LTE			14	OUTLET	510UL
102	103	11.80	182	3	DNT		UTS	+19.67	UTE	LTE			14	OUTLET	510UL
102	121	0.73	134	P 1	NQI		009	-0.65	UTE	LTE			14	OUTLET	510UL
102	123	0.29	111	3	NQI		012	+5.94	UTE	LTE			15	OUTLET	510UL
		0.41	92	P 1	NQI		008	-0.70	UTE	LTE			15	OUTLET	510UL
103	24	0.52	91	3	NQI		013	+5.61	UTE	LTE			144	OUTLET	510UL
		0.57	90	3	NQI		012	+15.84	UTE	LTE			144	OUTLET	510UL
103	60	0.22	92	3	NQI		014	+6.71	UTE	LTE			151	OUTLET	510UL
103	75	7.70	186	P 1	DNT		LTS	-0.13	UTE	LTE			14	OUTLET	510UL
104	1	0.28	112	3	NQI		010	+11.09	UTE	LTE			140	OUTLET	510UL
104	40	0.35	105	3	NQI		009	+20.49	UTE	LTE			146	OUTLET	510UL
104	57	0.47	132	3	NQI		005	+26.27	UTE	LTE			147	OUTLET	510UL
104	89	0.49	107	3	NQI		008	+21.23	UTE	LTE			14	OUTLET	510UL
104	93	3.66	87	6	ADI		LTS	+20.63	TO+29.76	UTE	LTE		14	OUTLET	510UL
105	53	0.54	111	P 1	NQI		UTS	+19.45	UTE	LTE			146	OUTLET	510UL
105	65	10.94	192	3	DNT		LTS	+1.90	UTE	LTE			37	OUTLET	510UL
105	118	0.24	94	3	NQI		014	+1.44	UTE	LTE			15	OUTLET	510UL
105	121	0.66	92	P 1	NQI		008	-0.75	UTE	LTE			14	OUTLET	510UL
		3.83	17	P 1	NQI		015	+0.97	UTE	LTE			14	OUTLET	510UL
105	122	2.94	104	P 1	NQI		015	-0.78	UTE	LTE			15	OUTLET	510UL
		10.65	19	P 1	BLG		UTS	-0.20	UTE	LTE			15	OUTLET	510UL
106	4	1.00	102	P 1	NQI		009	-0.60	UTE	LTE			130	OUTLET	510UL
106	58	6.19	178	P 1	DNT		LTS	+0.00	LTE	UTE			153	INLET	510UL
106	63	0.57	88	3	NQI		009	+9.26	UTE	LTE			37	OUTLET	510UL
		0.53	88	3	NQI		009	+8.24	UTE	LTE			37	OUTLET	510UL
106	98	0.74	72	6	ADI		015	+23.78	UTE	LTE			15	OUTLET	510UL
106	119	0.35	95	3	NQI		003	+24.15	UTE	LTE			15	OUTLET	510UL
107	20	0.45	102	3	NQI		007	+33.46	UTE	LTE			130	OUTLET	510UL
107	46	0.92	76	P 1	NQI		UTS	+16.14	UTE	LTE			130	OUTLET	510UL
107	84	0.37	89	3	NQI		011	+1.53	UTE	LTE			15	OUTLET	510UL
107	102	10.93	184	3	DNT		013	+13.77	UTE	LTE			15	OUTLET	510UL
107	113	0.56	85	3	NQI		008	+3.75	UTE	LTE			14	OUTLET	510UL
108	85	0.41	97	3	TWD	32	008	+24.35	UTE	LTE			10	OUTLET	510UL
108	86	0.49	141	P 1	NQI		004	-0.79	UTE	LTE			11	OUTLET	510UL
108	94	0.21	98	3	NQI		010	+5.56	UTE	LTE			11	OUTLET	510UL
108	115	0.41	106	3	TWD	13	001	+9.23	UTE	LTE			10	OUTLET	510UL
		1.23	57	P 1	NQI		010	+0.81	UTE	LTE			10	OUTLET	510UL
108	116	0.32	106	3	NQI		011	+20.28	UTE	LTE			11	OUTLET	510UL
108	118	0.39	61	P 1	NQI		010	+0.58	UTE	LTE			11	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
109	2	0.18	86	P 1	NQI		015	-0.40	UTE	LTE		121	OUTLET	510UL
109	19	0.50	94	3	NQI		010	+28.30	UTE	LTE		120	OUTLET	510UL
109	29	0.41	101	3	NQI		009	+6.33	UTE	LTE		120	OUTLET	510UL
109	31	0.51	89	P 1	NQI		014	-0.54	UTE	LTE		120	OUTLET	510UL
109	49	0.28	86	3	NQI		011	+17.77	UTE	LTE		120	OUTLET	510UL
		0.42	79	3	NQI		007	+18.09	UTE	LTE		120	OUTLET	510UL
109	61	0.39	77	3	NQI		009	+17.13	UTE	LTE		10	OUTLET	510UL
109	65	0.30	98	3	TWD	30	015	+33.50	UTE	LTE		10	OUTLET	510UL
		0.33	69	3	NQI		015	+37.25	UTE	LTE		10	OUTLET	510UL
109	69	0.42	107	3	TWD	11	015	+16.89	UTE	LTE		10	OUTLET	510UL
109	99	0.64	46	3	NQI		004	+27.27	UTE	LTE		10	OUTLET	510UL
109	106	0.25	103	3	NQI		010	+29.50	UTE	LTE		11	OUTLET	510UL
110	29	0.35	80	3	NQI		011	+14.92	UTE	LTE		73	OUTLET	510UL
		0.35	95	3	NQI		011	+16.75	UTE	LTE		73	OUTLET	510UL
110	60	6.28	185	P 1	DNT		LTS	-0.22	UTE	LTE		43	OUTLET	510UL
110	61	14.77	189	P 1	DNT		LTS	-0.15	UTE	LTE		113	OUTLET	510UL
110	62	9.16	185	P 1	DNT		LTS	-0.22	UTE	LTE		43	OUTLET	510UL
110	90	21.22	174	3	DNT		001	+9.79	UTE	LTE		43	OUTLET	510UL
110	106	0.44	69	3	NQI		013	+8.83	UTE	LTE		53	OUTLET	510UL
111	3	0.38	103	P 1	NQI		008	+0.44	UTE	LTE		74	OUTLET	510UL
111	25	0.34	88	3	NQI		011	+34.26	UTE	LTE		74	OUTLET	510UL
111	41	0.34	88	3	NQI		015	+31.97	UTE	LTE		74	OUTLET	510UL
111	60	8.47	186	P 1	DNT		LTS	-0.24	UTE	LTE		43	OUTLET	510UL
111	61	6.21	187	P 1	DNT		LTS	-0.24	UTE	LTE		43	OUTLET	510UL
111	72	6.63	189	3	DNT		UTS	+17.33	UTE	LTE		113	OUTLET	510UL
111	110	0.55	126	P 1	NQI		009	-0.79	UTE	LTE		54	OUTLET	510UL
112	16	0.38	74	3	NQI		003	+8.86	UTE	LTE		74	OUTLET	510UL
112	20	5.66	82	6	ADI		LTS	+19.71	UTE	LTE	TO+28.73	74	OUTLET	510UL
112	59	0.55	81	3	NQI		012	+14.67	UTE	LTE		74	OUTLET	510UL
112	104	0.83	83	3	NQI		LTE	+16.94	UTE	LTE		54	OUTLET	510UL
112	110	0.64	114	P 1	NQI		009	-0.79	UTE	LTE		54	OUTLET	510UL
112	115	1.01	72	P 1	NQI		010	+0.66	UTE	LTE		53	OUTLET	510UL
112	116	0.47	103	P 1	NQI		008	-0.55	UTE	LTE		54	OUTLET	510UL
113	20	0.44	89	3	NQI		010	+24.47	UTE	LTE		74	OUTLET	510UL
113	22	16.62	181	3	DNT		LTS	+6.58	UTE	LTE		74	OUTLET	510UL
113	36	0.68	135	3	NQI		LTS	+22.11	UTE	LTE	TO+29.02	74	OUTLET	510UL
113	85	0.31	90	3	NQI		008	+18.46	UTE	LTE		45	OUTLET	510UL
113	93	0.42	88	3	NQI		009	+11.64	UTE	LTE		45	OUTLET	510UL
113	99	0.34	62	P 1	NQI		015	-0.26	UTE	LTE		54	OUTLET	510UL
114	1	1.01	42	P 1	NQI		007	-0.80	UTE	LTE		77	OUTLET	510UL
114	5	0.50	105	3	NQI		008	+16.84	UTE	LTE		78	OUTLET	510UL
114	11	0.72	113	P 1	NQI		014	+0.78	UTE	LTE		78	OUTLET	510UL
114	15	0.47	79	3	NQI		015	+20.79	UTE	LTE		78	OUTLET	510UL
114	18	0.31	97	3	NQI		005	+12.62	UTE	LTE		77	OUTLET	510UL
		0.91	71	3	NQI		006	+19.56	UTE	LTE		77	OUTLET	510UL
		0.68	86	3	NQI		007	+26.66	UTE	LTE		77	OUTLET	510UL
		0.45	74	3	NQI		008	+4.38	UTE	LTE		77	OUTLET	510UL
		0.38	95	3	NQI		008	+24.28	UTE	LTE		77	OUTLET	510UL
		0.35	101	3	NQI		009	+7.16	UTE	LTE		77	OUTLET	510UL
114	67	0.40	95	3	NQI		007	+13.56	UTE	LTE		45	OUTLET	510UL
114	114	0.52	83	P 1	NQI		010	+0.69	UTE	LTE		54	OUTLET	510UL
115	65	0.43	73	3	NQI		014	+2.45	UTE	LTE		45	OUTLET	510UL
115	97	0.80	93	3	NQI		014	+1.07	UTE	LTE		54	OUTLET	510UL
115	98	0.49	88	3	NQI		013	+12.83	UTE	LTE		53	OUTLET	510UL
115	107	0.34	108	P 1	NQI		009	-0.69	UTE	LTE		54	OUTLET	510UL
115	110	1.05	88	P 1	NQI		009	-0.71	UTE	LTE		53	OUTLET	510UL
115	111	3.08	98	P 1	NQI		008	-0.60	UTE	LTE		54	OUTLET	510UL
		0.51	118	P 1	NQI		008	+0.39	UTE	LTE		54	OUTLET	510UL
116	49	0.49	59	P 1	NQI		012	+0.28	UTE	LTE		78	OUTLET	510UL
116	82	0.30	96	3	NQI		008	+34.02	UTE	LTE		49	OUTLET	510UL
116	107	0.23	90	P 1	NQI		008	+0.23	UTE	LTE		54	OUTLET	510UL
116	108	0.64	100	3	NQI		014	+32.21	UTE	LTE		53	OUTLET	510UL
117	3	0.60	93	P 1	NQI		009	+0.47	UTE	LTE		78	OUTLET	510UL
		0.30	88	3	NQI		002	+2.50	UTE	LTE		78	OUTLET	510UL
117	19	0.65	98	3	NQI		004	+5.04	UTE	LTE		78	OUTLET	510UL
117	56	0.57	93	3	NQI		015	+24.85	UTE	LTE		49	OUTLET	510UL
117	76	0.28	92	3	NQI		007	+24.47	UTE	LTE		49	OUTLET	510UL
117	83	3.84	35	6	ADI		009	+7.76	UTE	LTE		50	OUTLET	510UL
		3.95	26	6	ADI		009	+3.47	UTE	LTE		50	OUTLET	510UL
117	90	0.38	74	P 1	NQI		014	+0.97	UTE	LTE		53	OUTLET	510UL
117	106	0.55	75	P 1	NQI		010	+0.65	UTE	LTE		54	OUTLET	510UL
117	108	0.23	103	P 1	NQI		008	+0.30	UTE	LTE		54	OUTLET	510UL
118	3	0.53	106	P 1	NQI		009	+0.52	UTE	LTE		82	OUTLET	510UL
		0.51	97	P 1	NQI		009	+0.54	UTE	LTE	IDOK	86	OUTLET	510UL
118	56	0.66	130	P 1	NQI		004	-0.82	UTE	LTE		50	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
118	79	0.32	113	3	NQI		008	+25.97	UTE	LTE			49	OUTLET	510UL
118	86	0.92	105	P 1	NQI		004	-0.76	UTE	LTE			50	OUTLET	510UL
118	99	1.09	114	3	NQI		014	+26.96	UTE	LTE			54	OUTLET	510UL
118	102	0.54	109	3	NQI		015	+44.35	UTE	LTE			53	OUTLET	510UL
		0.55	57	P 1	NQI		014	+0.95	UTE	LTE			53	OUTLET	510UL
118	106	0.42	94	3	NQI		014	+16.42	UTE	LTE			53	OUTLET	510UL
		0.93	68	P 1	NQI		004	-0.75	UTE	LTE			53	OUTLET	510UL
118	107	0.74	114	3	NQI		010	+5.78	UTE	LTE			54	OUTLET	510UL
119	88	0.30	98	P 1	NQI		014	+0.31	UTE	LTE			49	OUTLET	510UL
119	90	0.44	122	3	NQI		003	+34.15	UTE	LTE			49	OUTLET	510UL
119	98	0.70	88	3	NQI		001	+27.86	UTE	LTE			54	OUTLET	510UL
119	106	1.91	97	P 1	NQI		008	-0.53	UTE	LTE			54	OUTLET	510UL
120	1	1.18	119	3	NQI		015	+18.26	UTE	LTE			85	OUTLET	510UL
120	78	0.54	83	P 1	NQI		013	+0.58	UTE	LTE			49	OUTLET	510UL
120	105	1.81	102	P 1	NQI		008	-0.68	UTE	LTE			53	OUTLET	510UL
		0.59	80	P 1	NQI		010	-0.22	UTE	LTE			53	OUTLET	510UL
120	107	0.40	79	3	NQI		008	+3.54	UTE	LTE			54	OUTLET	510UL
		0.54	39	P 2	NQI		015	-0.46	UTE	LTE			54	OUTLET	510UL
121	1	0.50	101	3	NQI		013	+2.17	UTE	LTE			85	OUTLET	510UL
121	78	0.28	88	3	NQI		015	+36.78	UTE	LTE			50	OUTLET	510UL
122	3	0.50	90	P 1	NQI		009	-0.79	UTE	LTE			86	OUTLET	510UL
122	7	0.48	78	P 1	NQI		008	+0.00	UTE	LTE			86	OUTLET	510UL
122	47	0.39	66	3	NQI		009	+6.11	UTE	LTE			86	OUTLET	510UL
122	51	0.24	92	3	NQI		011	+19.22	UTE	LTE			86	OUTLET	510UL
122	58	0.82	112	3	NQI		013	+8.87	UTE	LTE			49	OUTLET	510UL
122	82	0.42	90	3	NQI		014	+23.44	UTE	LTE			49	OUTLET	510UL
122	84	0.50	82	3	NQI		011	+29.46	UTE	LTE			49	OUTLET	510UL
		0.29	98	3	NQI		009	+21.49	UTE	LTE			49	OUTLET	510UL
		0.32	121	3	NQI		008	+16.77	UTE	LTE			49	OUTLET	510UL
		0.32	86	3	NQI		008	+18.33	UTE	LTE			49	OUTLET	510UL
		0.68	109	3	NQI		007	+10.44	UTE	LTE			49	OUTLET	510UL
		0.46	99	3	NQI		005	+18.64	UTE	LTE			49	OUTLET	510UL
		0.38	100	3	NQI		005	+8.51	UTE	LTE			49	OUTLET	510UL
122	103	2.07	95	P 1	NQI		008	-0.64	UTE	LTE			53	OUTLET	510UL
122	104	0.70	100	P 1	NQI		010	+0.55	UTE	LTE			54	OUTLET	510UL
122	105	0.75	92	P 1	NQI		015	-0.50	UTE	LTE			64	OUTLET	510UL
		0.67	103	3	NQI		014	+31.17	UTE	LTE			64	OUTLET	510UL
123	57	0.66	84	3	NQI		011	+24.60	UTE	LTE			49	OUTLET	510UL
123	71	11.27	184	3	DNT		002	+18.14	UTE	LTE			50	OUTLET	510UL
123	86	0.25	106	3	NQI		014	+16.76	UTE	LTE			49	OUTLET	510UL
123	96	0.34	97	3	NQI		014	+1.57	UTE	LTE			53	OUTLET	510UL
123	98	0.57	91	P 1	NQI		009	-0.49	UTE	LTE			53	OUTLET	510UL
123	100	0.88	120	3	NQI		014	+1.57	UTE	LTE			53	OUTLET	510UL
123	101	0.51	84	P 1	NQI		008	-0.76	UTE	LTE			54	OUTLET	510UL
123	103	0.28	86	P 1	NQI		004	-0.41	UTE	LTE			54	OUTLET	510UL
		1.94	116	3	NQI		014	+31.15	UTE	LTE			54	OUTLET	510UL
124	3	0.55	105	P 1	NQI		009	+0.57	UTE	LTE			86	OUTLET	510UL
124	6	0.46	84	3	NQI		012	+10.39	UTE	LTE			85	OUTLET	510UL
124	89	1.84	10	3	NQI		015	+25.13	UTE	LTE			50	OUTLET	510UL
124	94	1.16	111	3	TWD	9	014	+1.51	UTE	LTE			59	OUTLET	510UL
124	95	0.28	95	3	NQI		014	+16.16	UTE	LTE			60	OUTLET	510UL
124	100	0.61	112	3	NQI		007	+16.41	UTE	LTE			59	OUTLET	510UL
125	7	1.03	74	P 1	NQI		009	-0.76	UTE	LTE			85	OUTLET	510UL
125	28	1.22	126	3	NQI		LTS	+21.36	UTE	LTE	TO+29.06		86	OUTLET	510UL
125	52	1.40	82	P 1	NQI		004	-0.75	UTE	LTE			59	OUTLET	510UL
125	54	1.12	85	3	NQI		015	+12.25	UTE	LTE			49	OUTLET	510UL
125	60	0.37	96	3	NQI		007	+28.90	UTE	LTE			49	OUTLET	510UL
125	90	0.59	92	3	NQI		009	+29.47	UTE	LTE			59	OUTLET	510UL
125	100	0.95	129	3	NQI		010	+18.46	UTE	LTE			60	OUTLET	510UL
126	3	0.56	92	P 1	NQI		005	-0.21	UTE	LTE			90	OUTLET	510UL
126	4	0.44	111	3	NQI		008	+33.90	UTE	LTE			90	OUTLET	510UL
126	7	0.39	112	P 1	NQI		009	+0.62	UTE	LTE			90	OUTLET	510UL
126	8	0.32	103	3	NQI		009	+8.63	UTE	LTE			90	OUTLET	510UL
126	28	0.88	67	P 1	NQI		004	-0.78	UTE	LTE			89	OUTLET	510UL
126	56	0.95	121	3	NQI		013	+12.10	UTE	LTE			53	OUTLET	510UL
126	74	0.42	95	3	NQI		010	+9.10	UTE	LTE			49	OUTLET	510UL
126	75	0.26	82	3	NQI		LTS	+32.25	UTE	LTE			50	OUTLET	510UL
126	84	0.49	71	3	NQI		002	+31.02	UTE	LTE			53	OUTLET	510UL
126	97	0.23	109	P 1	NQI		008	+0.58	UTE	LTE			60	OUTLET	510UL
		0.47	99	P 1	NQI		005	+1.03	UTE	LTE			60	OUTLET	510UL
127	1	0.81	63	6	ADI		014	+31.85	UTE	LTE			90	OUTLET	510UL
		0.78	64	6	ADI		014	+31.81	UTE	LTE			110	OUTLET	510UL
127	6	0.28	99	P 1	NQI		015	+0.14	UTE	LTE			90	OUTLET	510UL
127	14	0.25	106	3	NQI		008	+4.21	UTE	LTE			90	OUTLET	510UL
127	15	0.27	73	3	NQI		015	+10.42	UTE	LTE			90	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
127	47	0.30	102	3	NQI		014	+2.02	UTE	LTE		103	OUTLET	510UL
127	55	1.56	57	3	NQI		013	+25.69	UTE	LTE		53	OUTLET	510UL
		0.70	89	3	NQI		013	+20.78	UTE	LTE		53	OUTLET	510UL
127	72	0.41	60	3	NQI		009	+31.57	UTE	LTE		54	OUTLET	510UL
127	73	0.41	93	3	NQI		014	+28.08	UTE	LTE		53	OUTLET	510UL
127	74	0.35	79	3	NQI		LTS	+21.47	UTE	LTE		54	OUTLET	510UL
128	11	0.45	104	3	NQI		LTS	+5.63	UTE	LTE		110	OUTLET	510UL
128	16	0.40	75	P 1	NQI		014	+0.98	UTE	LTE		109	OUTLET	510UL
128	42	0.26	76	3	NQI		009	-1.29	UTE	LTE		104	OUTLET	510UL
128	52	2.86	101	3	NQI		003	+12.66	UTE	LTE		60	OUTLET	510UL
128	68	0.92	86	P 1	NQI		004	-0.44	UTE	LTE		60	OUTLET	510UL
129	2	0.49	126	P 1	NQI		010	+0.67	UTE	LTE		103	OUTLET	510UL
129	4	0.88	51	P 1	NQI		004	-0.80	UTE	LTE		103	OUTLET	510UL
129	18	2.65	15	3	NQI		011	+13.20	UTE	LTE		103	OUTLET	510UL
129	41	0.37	74	3	NQI		013	+19.72	UTE	LTE		104	OUTLET	510UL
129	49	0.65	72	P 1	NQI		004	-0.82	UTE	LTE		59	OUTLET	510UL
129	75	0.32	108	3	NQI		008	+22.42	UTE	LTE		59	OUTLET	510UL
		0.52	92	3	NQI		LTS	+24.62	UTE	LTE		59	OUTLET	510UL
129	90	0.35	85	P 1	NQI		009	-0.51	UTE	LTE		60	OUTLET	510UL
129	94	0.91	115	P 1	NQI		010	-0.82	UTE	LTE		60	OUTLET	510UL
130	3	0.31	66	P 1	NQI		003	+0.18	UTE	LTE		110	OUTLET	510UL
130	5	0.57	124	P 1	NQI		010	+0.49	UTE	LTE		110	OUTLET	510UL
		0.26	83	3	NQI		015	+31.26	UTE	LTE		110	OUTLET	510UL
130	9	0.51	102	P 1	NQI		004	-0.74	UTE	LTE		110	OUTLET	510UL
130	18	0.35	92	3	NQI		010	+21.27	UTE	LTE		110	OUTLET	510UL
130	44	0.32	99	3	NQI		LTS	+23.58	UTE	LTE		104	OUTLET	510UL
130	50	0.49	92	3	NQI		007	+17.58	UTE	LTE		59	OUTLET	510UL
130	57	0.40	87	3	NQI		011	+29.36	UTE	LTE		60	OUTLET	510UL
130	69	1.34	18	3	NQI		007	+23.83	UTE	LTE		60	OUTLET	510UL
130	81	0.21	84	3	NQI		008	+25.85	UTE	LTE		60	OUTLET	510UL
130	86	0.36	85	3	NQI		009	+34.54	UTE	LTE		60	OUTLET	510UL
130	91	0.57	68	P 1	NQI		010	+0.68	UTE	LTE		59	OUTLET	510UL
131	5	0.52	126	P 1	NQI		010	+0.53	UTE	LTE		109	OUTLET	510UL
		0.67	65	P 1	NQI		009	+0.61	UTE	LTE		109	OUTLET	510UL
131	63	0.35	103	P 1	NQI		002	-0.44	UTE	LTE		59	OUTLET	510UL
131	68	0.34	73	3	NQI		009	+10.68	UTE	LTE		60	OUTLET	510UL
131	81	0.46	66	3	NQI		002	+16.66	UTE	LTE		59	OUTLET	510UL
132	3	12.07	181	3	DNT		LTS	+34.05	UTE	LTE		109	OUTLET	510UL
132	6	0.42	96	P 1	NQI		010	-0.75	UTE	LTE		106	OUTLET	510UL
132	34	0.84	33	3	NQI		009	+15.49	UTE	LTE		106	OUTLET	510UL
132	49	3.76	14	P 1	NQI		015	-0.37	UTE	LTE		60	OUTLET	510UL
132	84	0.47	73	P 1	NQI		008	+0.41	UTE	LTE		60	OUTLET	510UL
132	85	0.44	102	P 1	NQI		011	+0.25	UTE	LTE		64	OUTLET	510UL
133	1	10.48	186	P 1	DNT		015	-0.65	UTE	LTE		106	OUTLET	510UL
133	3	6.16	178	P 1	DNT		010	+0.44	UTE	LTE		106	OUTLET	510UL
133	5	1.08	92	P 1	NQI		010	-0.81	UTE	LTE		105	OUTLET	510UL
		0.51	70	P 1	NQI		010	+0.65	UTE	LTE		105	OUTLET	510UL
133	9	0.42	87	P 1	NQI		009	+0.59	UTE	LTE		106	OUTLET	510UL
133	14	0.31	95	3	NQI		012	+1.56	UTE	LTE		105	OUTLET	510UL
133	57	0.35	74	3	NQI		LTS	+19.88	UTE	LTE		60	OUTLET	510UL
133	86	0.24	104	P 1	NQI		010	+0.48	UTE	LTE		60	OUTLET	510UL
134	1	7.52	184	P 1	DNT		015	-0.63	UTE	LTE		106	OUTLET	510UL
134	2	32.96	182	3	DNT		LTS	+4.81	UTE	LTE		105	OUTLET	510UL
		0.66	66	P 1	NQI		004	-0.76	UTE	LTE		105	OUTLET	510UL
134	3	14.13	180	P 1	DNT		010	+0.35	UTE	LTE		106	OUTLET	510UL
134	5	6.16	180	P 1	DNT		010	+0.66	UTE	LTE		106	OUTLET	510UL
134	76	0.30	95	3	NQI		014	+25.96	UTE	LTE		59	OUTLET	510UL
135	5	0.80	127	P 1	NQI		010	+0.60	UTE	LTE		105	OUTLET	510UL
135	33	0.65	100	3	NQI		011	+36.62	UTE	LTE		106	OUTLET	510UL
135	36	0.68	95	P 1	NQI		004	-0.76	UTE	LTE		105	OUTLET	510UL
135	80	0.53	94	3	NQI		014	+16.01	UTE	LTE		60	OUTLET	510UL
136	5	0.79	90	P 1	NQI		014	+0.80	UTE	LTE		105	OUTLET	510UL
136	19	0.73	81	P 1	NQI		015	-0.80	UTE	LTE		105	OUTLET	510UL
136	33	6.41	182	3	DNT		015	+27.08	UTE	LTE		105	OUTLET	510UL
136	35	0.41	104	3	NQI		014	+31.06	UTE	LTE		105	OUTLET	510UL
136	37	0.58	104	3	NQI		002	+18.53	UTE	LTE		105	OUTLET	510UL
136	69	0.64	96	P 1	NQI		003	+0.84	UTE	LTE		60	OUTLET	510UL
136	70	0.95	73	P 1	NQI		003	+0.79	UTE	LTE		59	OUTLET	510UL
136	79	0.65	87	P 1	NQI		008	-0.64	UTE	LTE		60	OUTLET	510UL
137	1	0.58	97	3	NQI		011	+24.44	UTE	LTE		106	OUTLET	510UL
		0.69	113	3	NQI		010	+5.64	UTE	LTE		106	OUTLET	510UL
137	7	0.55	94	3	NQI		014	+22.24	UTE	LTE		105	OUTLET	510UL
137	67	1.97	44	3	NQI		001	+4.13	UTE	LTE		60	OUTLET	510UL
137	70	0.39	88	3	NQI		LTS	+36.96	UTE	LTE		59	OUTLET	510UL
137	72	0.35	88	3	NQI		010	+20.38	UTE	LTE		59	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
138	17	0.49	82	P 1	NQI		UTS	+12.79	UTE	LTE		106	OUTLET	510UL
138	21	0.33	79	3	NQI		LTS	+40.43	UTE	LTE		106	OUTLET	510UL
138	30	0.50	90	P 1	NQI		002	-0.42	UTE	LTE		105	OUTLET	510UL
138	66	0.48	87	3	NQI		013	+12.53	UTE	LTE		59	OUTLET	510UL
138	70	0.26	102	3	NQI		014	+5.31	UTE	LTE		60	OUTLET	510UL
		0.14	107	3	NQI		014	+4.62	UTE	LTE		60	OUTLET	510UL
139	2	11.36	181	P 1	DNT		010	+0.22	UTE	LTE		106	OUTLET	510UL
139	29	1.14	98	3	NQI		009	+7.67	UTE	LTE		106	OUTLET	510UL
140	27	0.60	69	3	NQI		013	+33.02	UTE	LTE		106	OUTLET	510UL
		0.38	99	3	NQI		009	+38.40	UTE	LTE		106	OUTLET	510UL
140	39	0.69	57	P 1	NQI		003	-0.80	UTE	LTE		63	OUTLET	510UL
140	51	0.62	95	3	NQI		015	+10.66	UTE	LTE		63	OUTLET	510UL
141	8	0.42	90	P 1	NQI		010	+0.49	UTE	LTE		106	OUTLET	510UL
141	17	0.24	84	3	NQI		014	+31.48	UTE	LTE		105	OUTLET	510UL
141	27	0.28	63	3	NQI		012	+29.95	UTE	LTE		105	OUTLET	510UL
141	40	0.44	100	3	NQI		013	+6.22	UTE	LTE		64	OUTLET	510UL
141	61	0.66	83	3	NQI		007	+23.95	UTE	LTE		63	OUTLET	510UL
141	62	3.86	59	6	ADI		002	+10.50	UTE	LTE		64	OUTLET	510UL
		2.32	39	6	ADI		LTS	+9.31	UTE	LTE		64	OUTLET	510UL
142	5	0.69	119	P 1	NQI		009	+0.55	UTE	LTE		105	OUTLET	510UL
142	8	0.85	129	P 1	NQI		009	-0.56	UTE	LTE		105	OUTLET	510UL
142	27	1.98	103	3	NQI		005	+25.31	UTE	LTE		105	OUTLET	510UL
		0.32	85	3	NQI		012	+13.05	UTE	LTE		105	OUTLET	510UL
142	62	0.25	92	3	NQI		015	+8.34	UTE	LTE		63	OUTLET	510UL
142	63	0.61	100	3	NQI		005	+16.41	UTE	LTE		64	OUTLET	510UL
		0.45	108	3	NQI		009	+29.32	UTE	LTE		64	OUTLET	510UL
143	3	0.41	76	3	NQI		011	+18.75	UTE	LTE		105	OUTLET	510UL
143	6	0.62	94	3	NQI		003	+21.56	UTE	LTE		105	OUTLET	510UL
143	13	0.48	95	P 1	NQI		006	-0.70	UTE	LTE		106	OUTLET	510UL
143	25	0.63	91	P 1	NQI		009	-0.69	UTE	LTE		105	OUTLET	510UL
143	29	0.38	77	3	NQI		LTS	+42.55	UTE	LTE		105	OUTLET	510UL
143	33	0.42	98	3	NQI		002	+36.31	UTE	LTE		63	OUTLET	510UL
143	52	0.90	80	P 1	NQI		UTS	+16.60	UTE	LTE		63	OUTLET	510UL
144	14	1.75	100	P 1	NQI		009	-0.63	UTE	LTE		105	OUTLET	510UL
144	16	0.25	90	3	NQI		010	+24.75	UTE	LTE		106	OUTLET	510UL
		0.38	43	P 1	NQI		009	-0.78	UTE	LTE		106	OUTLET	510UL
144	26	0.22	62	P 1	NQI		015	-0.07	UTE	LTE		104	OUTLET	510UL
144	39	0.64	99	P 1	NQI		009	+0.63	UTE	LTE		64	OUTLET	510UL
144	40	0.69	110	P 1	NQI		009	+0.54	UTE	LTE		63	OUTLET	510UL
144	52	0.26	99	P 1	NQI		009	-0.18	UTE	LTE		63	OUTLET	510UL
145	16	0.38	52	P 1	NQI		009	-0.83	UTE	LTE		104	OUTLET	510UL
145	37	0.41	116	P 1	NQI		009	+0.37	UTE	LTE		64	OUTLET	510UL
145	41	0.71	56	P 1	NQI		009	+0.65	UTE	LTE		64	OUTLET	510UL
145	42	0.93	75	P 1	NQI		009	+0.61	UTE	LTE		63	OUTLET	510UL
145	43	0.53	42	P 1	NQI		010	-0.70	UTE	LTE		64	OUTLET	510UL
145	44	0.58	59	P 1	NQI		009	-0.35	UTE	LTE		63	OUTLET	510UL
145	46	0.66	57	P 1	NQI		009	+0.72	UTE	LTE		63	OUTLET	510UL
145	48	0.65	71	P 1	NQI		009	+0.67	UTE	LTE		63	OUTLET	510UL
145	49	0.36	81	P 1	NQI		010	+0.71	UTE	LTE		64	OUTLET	510UL
145	51	0.68	80	P 1	NQI		010	+0.66	UTE	LTE		63	OUTLET	510UL
145	52	0.34	76	P 1	NQI		010	+0.44	UTE	LTE		64	OUTLET	510UL
146	10	0.45	94	P 1	NQI		008	+0.42	UTE	LTE		103	OUTLET	510UL
146	11	0.49	110	3	NQI		014	+1.27	UTE	LTE		104	OUTLET	510UL
146	15	0.41	95	P 1	NQI		009	-0.67	UTE	LTE		104	OUTLET	510UL
146	36	0.52	105	3	NQI		014	+33.57	UTE	LTE		64	OUTLET	510UL
146	40	0.39	102	P 1	NQI		010	-0.58	UTE	LTE		64	OUTLET	510UL
146	42	0.56	50	P 1	NQI		010	-0.63	UTE	LTE		64	OUTLET	510UL
146	44	0.37	100	P 1	NQI		010	+0.69	UTE	LTE		64	OUTLET	510UL
146	45	0.74	93	P 1	NQI		015	-0.51	UTE	LTE		63	OUTLET	510UL
146	48	0.41	115	P 1	NQI		010	+0.60	UTE	LTE		63	OUTLET	510UL
147	35	3.65	96	P 1	NQI		015	-0.88	UTE	LTE		63	OUTLET	510UL
147	36	0.36	89	P 1	NQI		010	-0.56	UTE	LTE		64	OUTLET	510UL
147	37	0.80	34	P 1	NQI		015	-0.48	UTE	LTE		63	OUTLET	510UL
147	40	0.43	86	P 1	NQI		015	-0.15	UTE	LTE		63	OUTLET	510UL
147	41	7.17	190	P 1	DNT		015	-0.66	UTE	LTE		63	OUTLET	510UL
147	43	0.96	139	3	NQI		014	+1.04	UTE	LTE		63	OUTLET	510UL
147	44	13.11	176	P 1	DNT		015	-0.57	UTE	LTE		64	OUTLET	510UL
		0.49	108	3	NQI		014	+33.05	UTE	LTE		64	OUTLET	510UL
147	45	13.89	182	P 1	DNT		015	-0.57	UTE	LTE		63	OUTLET	510UL
		0.60	103	3	NQI		014	+30.83	UTE	LTE		63	OUTLET	510UL
148	12	0.50	113	P 1	NQI		008	+0.45	UTE	LTE		104	OUTLET	510UL
148	23	0.72	75	3	NQI		011	+30.49	UTE	LTE		64	OUTLET	510UL
148	25	0.34	105	3	NQI		013	+5.41	UTE	LTE		64	OUTLET	510UL
148	28	0.83	47	P 1	NQI		004	-0.84	UTE	LTE		63	OUTLET	510UL
148	35	31.20	185	P 1	DNT		015	-0.59	UTE	LTE		63	OUTLET	510UL

ATTACHMENT #2 - LIST OF IMPERFECTIONS - BOBBIN

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
148	36	0.36	108	3	NQI		010	+12.46	UTE	LTE			63	OUTLET	510UL
148	36	27.92	176	P 1	DNT		015	-0.57	UTE	LTE			64	OUTLET	510UL
148	37	23.35	185	P 1	DNT		015	-0.59	UTE	LTE			63	OUTLET	510UL
148	38	0.88	94	3	NQI		014	+30.41	UTE	LTE			64	OUTLET	510UL
148	40	6.07	180	P 1	DNT		015	-0.71	UTE	LTE			64	OUTLET	510UL
		1.22	110	3	NQI		014	+30.56	UTE	LTE			64	OUTLET	510UL
148	41	23.97	174	P 1	DNT		015	-0.62	UTE	LTE			64	OUTLET	510UL
149	1	0.60	122	3	NQI		015	+14.84	UTE	LTE			104	OUTLET	510UL
149	16	0.47	108	3	NQI		010	+1.22	UTE	LTE			103	OUTLET	510UL
149	17	0.91	64	P 1	NQI		010	+0.73	UTE	LTE			103	OUTLET	510UL
		21.11	182	3	DNT		LTE	+10.81	UTE	LTE			103	OUTLET	510UL
		0.64	115	3	NQI		010	+1.25	UTE	LTE			103	OUTLET	510UL
149	24	1.24	95	P 1	NQI		015	-0.84	UTE	LTE			63	OUTLET	510UL
149	27	1.13	57	P 1	NQI		015	-0.84	UTE	LTE			63	OUTLET	510UL
149	29	17.25	185	P 1	DNT		015	-0.62	UTE	LTE			63	OUTLET	510UL
149	30	25.06	177	P 1	DNT		015	-0.57	UTE	LTE			64	OUTLET	510UL
		0.40	75	P 1	NQI		010	-0.66	UTE	LTE			64	OUTLET	510UL
		0.46	43	P 1	NQI		011	+0.53	UTE	LTE			64	OUTLET	510UL
149	31	18.89	186	P 1	DNT		015	-0.62	UTE	LTE			63	OUTLET	510UL
149	32	12.07	177	P 1	DNT		015	-0.62	UTE	LTE			64	OUTLET	510UL
		2.23	77	6	ADI		013	+5.20	UTE	LTE			64	OUTLET	510UL
		0.89	89	3	NQI		011	+5.64	UTE	LTE			64	OUTLET	510UL
149	33	0.59	108	3	NQI		011	+8.85	UTE	LTE			63	OUTLET	510UL
149	34	0.75	87	P 1	NQI		015	-0.19	UTE	LTE			64	OUTLET	510UL
		0.44	102	3	NQI		014	+3.61	UTE	LTE			64	OUTLET	510UL
150	17	0.40	70	3	NQI		014	+5.73	UTE	LTE			64	OUTLET	510UL
		0.46	77	P 1	NQI		010	+0.62	UTE	LTE			64	OUTLET	510UL
150	23	0.62	105	3	NQI		012	+3.81	UTE	LTE			64	OUTLET	510UL
		0.37	102	3	NQI		013	+3.71	UTE	LTE			64	OUTLET	510UL
151	3	0.29	80	P 1	NQI		013	-0.76	UTE	LTE			104	OUTLET	510UL
151	6	0.50	56	P 1	NQI		013	-0.80	UTE	LTE			103	OUTLET	510UL
151	8	28.83	179	3	DNT		LTE	+10.72	UTE	LTE			103	OUTLET	510UL
151	9	14.36	179	3	DNT		UTS	+12.75	UTE	LTE			63	OUTLET	510UL
		26.79	179	3	DNT		LTE	+11.07	UTE	LTE			63	OUTLET	510UL
151	16	2.11	109	3	NQI		015	-1.30	UTE	LTE			64	OUTLET	510UL
		0.97	110	3	NQI		013	+3.69	UTE	LTE			64	OUTLET	510UL

Total Tubes : 1879
Total Records: 2211

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
1	1	3.19	172	1	DNT		015	-0.40	015	015			4034	OUTLET	460SI
		3.10	178	1	DNT		015	+0.59	015	015			4034	OUTLET	460SI
1	3	2.67	181	1	DNT		015	-0.24	015	015			4034	OUTLET	460SI
1	5	2.19	172	1	DNT		015	+0.73	015	015			4034	OUTLET	460SI
		4.80	176	1	DNT		UTS	+0.07	UTS	UTS			4034	OUTLET	460SI
2	1	0.19	101	2	VOL		015	-5.94	015	015			4034	OUTLET	460SI
2	3	5.25	173	1	DNT		LTS	-13.51	LTS	LTS			4034	OUTLET	460SI
		3.83	163	1	DNT		015	-0.08	015	015			4034	OUTLET	460SI
		1.78	172	1	DNT		015	+0.51	015	015			4034	OUTLET	460SI
2	6	1.43	18	2	TEA		UTE	-0.18	UTE	UTE			2043	INLET	460HR
2	7	0.30	108	2	VOL		014	-0.30	014	014			4034	OUTLET	460SI
		1.72	178	1	DNT		015	+0.68	015	015			4034	OUTLET	460SI
2	11	2.01	170	1	DNT		UTS	-0.15	015	UTS			4034	OUTLET	460SI
2	15	0.38	49	P 3	TWD	5	010	+0.67	010	010	WAR		4032	INLET	460SI
2	19	0.48	73	P 3	TWD	7	010	+0.62	010	010	WAR		4032	INLET	460SI
2	25	7.75	152	1	DNT		UTS	+0.01	UTS	UTS			4032	INLET	460SI
3	3	0.17	113	2	VOL		013	+4.61	013	013			4034	OUTLET	460SI
3	7	2.03	23	2	TEA		UTE	-0.19	UTE	UTE			2043	INLET	460HR
		4.04	58	1	VOL		015	+26.89	TO+36.49	015	015		4034	OUTLET	460SI
		5.81	172	1	DNT		LTE	+11.08	LTE	LTS			4034	OUTLET	460SI
3	10	1.65	97	1	VOL		015	-1.27	014	015			4034	OUTLET	460SI
3	13	0.69	104	P 3	TWD	12	013	-0.49	013	013	WAR		4034	OUTLET	460SI
3	14	0.71	93	P 3	TWD	12	014	-0.60	014	014	WAR		4034	OUTLET	460SI
		0.38	58	2	VOL		015	+0.70	015	015			4034	OUTLET	460SI
		0.18	72	2	VOL		015	-0.29	015	015			4034	OUTLET	460SI
		0.19	79	2	TWD	39	015	+0.70	015	015			4034	OUTLET	460SI
		0.20	60	2	TWD	66	015	-0.29	015	015			4034	OUTLET	460SI
3	24	0.24	32	P 3	TWD	3	010	+0.47	010	010	WAR		4032	INLET	460SI
3	27	0.29	89	2	VOL		003	+3.48	003	003			4035	INLET	460SI
3	29	0.30	132	2	VOL		011	-0.49	011	011			4035	INLET	460SI
3	30	0.41	61	P 3	TWD	5	011	-0.67	011	011	WAR		4035	INLET	460SI
3	34	4.41	27	2	TEA		UTE	-0.25	UTE	UTE			2044	INLET	460HR
4	16	0.05	89	2	VOL		LTS	+9.43	LTS	LTS			4034	OUTLET	460SI
4	28	0.49	17	2	TEA		UTE	-0.19	UTE	UTE			2043	INLET	460HR
4	37	0.25	88	2	SAI		015	-6.75	015	015			4035	INLET	460SI
		0.25	88	2	TWD	75	015	-6.75	015	015			4035	INLET	460SI
		0.50	70	P 1	SCI		015	+0.82	015	015			4035	INLET	460SI
		0.00	0	P 5	TWD	0	015	+0.82	TO+280.0	015	015		4035	INLET	460SI
		0.14	38	P 5	TWD	21	015	+0.82	TO+290.0	015	015		4035	INLET	460SI
		0.15	40	P 5	TWD	22	015	+0.82	TO+300.0	015	015		4035	INLET	460SI
		0.22	47	P 5	TWD	33	015	+0.82	TO+310.0	015	015		4035	INLET	460SI
		0.30	53	P 5	TWD	46	015	+0.82	TO+320.0	015	015		4035	INLET	460SI
		0.34	56	P 5	TWD	52	015	+0.82	TO+330.0	015	015		4035	INLET	460SI
		0.38	58	P 5	TWD	58	015	+0.82	TO+340.0	015	015		4035	INLET	460SI
		0.40	60	P 5	TWD	60	015	+0.82	TO+350.0	015	015		4035	INLET	460SI
		0.33	58	P 5	TWD	50	015	+0.82	TO+0.0	015	015		4035	INLET	460SI
		0.24	52	P 5	TWD	36	015	+0.82	TO+10.0	015	015		4035	INLET	460SI
		0.20	41	P 5	TWD	30	015	+0.82	TO+20.0	015	015		4035	INLET	460SI
		0.00	0	P 5	TWD	0	015	+0.82	TO+30.0	015	015		4035	INLET	460SI
4	38	1.02	31	2	SAI		UTE	-1.11	UTE	UTE	TR		2044	INLET	460HR
		1.02	31	2	TWD	89	UTE	-1.11	UTE	UTE			2044	INLET	460HR
		0.07	96	P 1	SCI		015	+0.52	015	015			4066	OUTLET	460SI
		0.00	0	P 4	TWD	0	015	+0.52	TO+53.7	015	015		4066	OUTLET	460SI
		0.14	72	P 4	TWD	27	015	+0.52	TO+43.0	015	015		4066	OUTLET	460SI
		0.20	68	P 4	TWD	39	015	+0.52	TO+32.2	015	015		4066	OUTLET	460SI
		0.30	57	P 4	TWD	57	015	+0.52	TO+21.5	015	015		4066	OUTLET	460SI
		0.39	58	P 4	TWD	75	015	+0.52	TO+10.7	015	015		4066	OUTLET	460SI
		0.39	56	P 4	TWD	74	015	+0.52	TO+0.0	015	015		4066	OUTLET	460SI
		0.31	60	P 4	TWD	59	015	+0.52	TO+349.3	015	015		4066	OUTLET	460SI
		0.00	0	P 4	TWD	0	015	+0.52	TO+338.5	015	015		4066	OUTLET	460SI
		4.78	170	1	DNT		UTS	-0.02	UTS	UTS			4035	INLET	460SI
4	39	0.25	86	P 1	SCI		015	+0.55	015	015			4066	OUTLET	460SI
		0.00	0	P 4	TWD	0	015	+0.55	TO+225.7	015	015		4066	OUTLET	460SI
		0.11	92	P 4	TWD	7	015	+0.55	TO+214.9	015	015		4066	OUTLET	460SI
		0.20	97	P 4	TWD	12	015	+0.55	TO+204.2	015	015		4066	OUTLET	460SI
		0.17	103	P 4	TWD	10	015	+0.55	TO+193.4	015	015		4066	OUTLET	460SI
		0.10	92	P 4	TWD	6	015	+0.55	TO+182.7	015	015		4066	OUTLET	460SI
		0.07	121	P 4	TWD	4	015	+0.55	TO+171.9	015	015		4066	OUTLET	460SI
		0.03	121	P 4	TWD	2	015	+0.55	TO+161.2	015	015		4066	OUTLET	460SI
		0.05	101	P 4	TWD	3	015	+0.55	TO+150.4	015	015		4066	OUTLET	460SI
		0.00	0	P 4	TWD	0	015	+0.55	TO+145.1	015	015		4066	OUTLET	460SI
		5.79	179	1	DNT		UTS	+0.02	UTS	UTS			4035	INLET	460SI
5	8	0.12	83	2	VOL		015	+14.08	015	015			4034	OUTLET	460SI
		3.33	183	1	DNT		UTS	+0.04	UTS	UTS			4034	OUTLET	460SI
5	9	0.14	60	2	VOL		015	+14.10	015	015			4034	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.13	75	2	TWD	45	015	+14.10	015	015			4034	OUTLET 460SI
5	32	6.17	169	1	DNT		LTS	-5.22	LTS	LTS			4035	INLET 460SI
5	42	0.07	46	2	VOL		004	-4.31	004	004			4035	INLET 460SI
5	44	0.28	66	2	VOL		011	-0.81	011	011			4035	INLET 460SI
6	10	0.16	118	2	VOL		010	+3.20	010	010			4034	OUTLET 460SI
6	14	0.09	95	2	SAI		015	-7.09	015	015			4034	OUTLET 460SI
		0.09	95	2	TWD	10	015	-7.09	015	015			4034	OUTLET 460SI
		0.09	88	2	SAI		015	-6.74	015	015			4034	OUTLET 460SI
		0.09	88	2	TWD	23	015	-6.74	015	015			4034	OUTLET 460SI
6	22	0.51	118	P 3	TWD	9	009	-0.62	009	009	WAR		4031	OUTLET 460SI
		0.50	70	P 3	TWD	9	009	+0.37	009	009	WAR		4031	OUTLET 460SI
6	33	0.58	92	P 3	TWD	7	009	-0.54	009	009	WAR		4035	INLET 460SI
6	35	0.52	37	P 3	TWD	7	009	+0.37	009	009	WAR		4035	INLET 460SI
6	39	0.15	88	2	SAI		015	-6.08	015	015			4035	INLET 460SI
		0.15	88	2	TWD	75	015	-6.08	015	015			4035	INLET 460SI
6	41	0.19	73	2	SAI		015	-5.50	015	015			4035	INLET 460SI
		0.19	73	2	TWD	83	015	-5.50	015	015			4035	INLET 460SI
6	42	1.87	27	2	TEA		UTE	-0.23	UTE	UTE			2044	INLET 460HR
6	49	0.16	50	2	VOL		UTS	+0.22	UTS	UTS			4035	INLET 460SI
		0.09	72	2	VOL		UTS	+0.34	UTS	UTS			4035	INLET 460SI
		0.19	56	2	TWD	64	UTS	+0.22	UTS	UTS			4035	INLET 460SI
		0.09	74	2	TWD	34	UTS	+0.34	UTS	UTS			4035	INLET 460SI
7	10	0.52	101	P 3	TWD	9	008	-0.65	008	008	WAR		4034	OUTLET 460SI
7	13	0.06	45	2	VOL		014	-13.52	014	014			4034	OUTLET 460SI
7	16	0.16	67	2	SAI		014	+30.35	014	015			4031	OUTLET 460SI
		0.16	67	2	TWD	19	014	+30.35	014	015			4031	OUTLET 460SI
7	18	15.56	179	1	DNT		UTS	+1.37	UTS	UTE			4031	OUTLET 460SI
		12.75	180	1	DNT		UTS	+1.15	UTS	UTE			4031	OUTLET 460SI
7	19	0.65	0	P 3	TWD	9	009	-0.56	009	009	WAR		4031	OUTLET 460SI
7	20	0.73	0	P 3	TWD	11	009	-0.58	009	009	WAR		4031	OUTLET 460SI
7	23	0.30	125	2	VOL		009	-0.55	009	009			4031	OUTLET 460SI
7	43	1.18	20	2	TEA		UTE	-0.20	UTE	UTE			2040	INLET 460HR
7	45	2.03	27	2	TEA		UTE	-0.21	UTE	UTE			2039	INLET 460HR
		0.60	88	P 3	TWD	7	009	-0.63	009	009	WAR		4035	INLET 460SI
7	48	0.11	76	2	VOL		005	+1.10	005	005			4035	INLET 460SI
7	52	0.41	76	P 3	TWD	5	010	+0.55	010	010	WAR		4035	INLET 460SI
8	7	0.10	31	2	VOL		008	-18.50	008	008			4034	OUTLET 460SI
8	9	0.40	100	2	VOL		008	-0.65	008	008			4034	OUTLET 460SI
8	11	0.50	77	P 3	TWD	9	008	-0.59	008	008	WAR		4034	OUTLET 460SI
		0.34	93	P 3	TWD	6	015	+0.77	015	015	WAR		4034	OUTLET 460SI
8	12	0.28	104	2	VOL		010	-13.32	010	010			4034	OUTLET 460SI
8	14	0.33	98	2	VOL		010	-20.50	010	010			4034	OUTLET 460SI
8	20	0.24	70	2	VOL		009	-0.69	009	009			4031	OUTLET 460SI
8	27	0.04	78	2	VOL		014	+1.26	014	015			4031	OUTLET 460SI
8	42	0.66	137	P 3	TWD	8	009	-0.61	009	009	WAR		4035	INLET 460SI
8	44	1.17	19	2	TEA		UTE	-0.18	UTE	UTE			2039	INLET 460HR
8	50	0.77	45	P 3	TWD	9	007	+0.70	007	007	WAR		4035	INLET 460SI
9	17	0.09	59	2	VOL		012	+9.82	012	012			4031	OUTLET 460SI
9	19	1.25	28	2	TEA		UTE	-0.17	UTE	UTE			2043	INLET 460HR
9	21	0.07	49	2	VOL		003	-16.63	003	003			4031	OUTLET 460SI
9	29	0.22	80	2	VOL		014	+1.23	014	015			4031	OUTLET 460SI
9	42	0.17	60	2	VOL		015	-11.80	015	015			4035	INLET 460SI
9	54	0.25	99	2	VOL		010	-20.25	010	010			4035	INLET 460SI
10	2	0.53	70	P 3	TWD	9	008	-0.68	008	008	WAR		4031	OUTLET 460SI
10	12	0.11	77	2	VOL		015	+1.06	015	015			4031	OUTLET 460SI
		0.36	71	2	VOL		UTS	-10.39	UTS	UTS			4031	OUTLET 460SI
10	18	0.33	108	2	VOL		008	-0.67	008	008			4031	OUTLET 460SI
10	19	0.40	143	2	VOL		008	-0.68	008	008			4031	OUTLET 460SI
		0.48	76	2	VOL		009	-0.41	009	009			4031	OUTLET 460SI
10	20	0.17	90	2	VOL		010	+1.13	010	010			4031	OUTLET 460SI
10	44	0.39	149	2	VOL		009	+0.37	009	009			4038	INLET 460SI
10	49	0.79	36	2	TEA		UTE	-0.19	UTE	UTE			2040	INLET 460HR
10	50	0.77	23	2	TEA		UTE	-0.21	UTE	UTE			2039	INLET 460HR
10	58	0.22	49	2	VOL		010	-13.90	010	010			4038	INLET 460SI
11	1	0.64	76	P 3	TWD	9	008	-0.76	008	008	WAR		4031	OUTLET 460SI
11	16	0.40	111	2	VOL		008	-0.65	008	008			4031	OUTLET 460SI
11	22	2.13	26	2	TEA		UTE	-0.16	UTE	UTE			2043	INLET 460HR
		0.36	97	2	VOL		007	-0.74	007	007			4031	OUTLET 460SI
11	41	1.50	17	2	TEA		UTE	-0.23	UTE	UTE			2040	INLET 460HR
11	59	0.35	111	2	VOL		010	-26.10	010	010			4038	INLET 460SI
12	5	1.47	23	2	TEA		UTE	-0.20	UTE	UTE			2043	INLET 460HR
		0.07	73	2	VOL		002	+15.39	002	002			4031	OUTLET 460SI
12	7	1.49	18	2	TEA		UTE	-0.17	UTE	UTE			2043	INLET 460HR
12	12	0.09	85	2	VOL		006	-15.38	006	006			4031	OUTLET 460SI
12	14	0.29	108	2	VOL		015	+0.44	015	015			4031	OUTLET 460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
12	42	0.16	60	2	VOL		UTS +6.39	UTS	UTS			4038	INLET	460SI
12	43	1.54	24	2	TEA		UTE -0.20	UTE	UTE			2039	INLET	460HR
12	57	0.64	121	2	VOL		007 -0.63	007	007			4038	INLET	460SI
12	58	0.90	81	P 3	TWD	11	009 +0.61	009	009	WAR		4038	INLET	460SI
12	70	0.33	76	P 3	TWD	7	008 -0.59	008	008	WAR		4038	INLET	460SI
12	71	3.37	193	1	DNT		UTS +0.01	UTS	UTS			4038	INLET	460SI
13	27	1.84	26	2	TEA		UTE -0.18	UTE	UTE			2043	INLET	460HR
13	31	0.73	61	P 3	TWD	11	011 -0.76	011	011	WAR		4031	OUTLET	460SI
13	36	0.18	89	2	VOL		004 +12.49	004	004			4031	OUTLET	460SI
13	47	0.15	82	2	VOL		014 +1.04	014	014			4038	INLET	460SI
13	51	2.45	17	2	TEA		UTE -0.17	UTE	UTE			2040	INLET	460HR
13	55	1.91	25	2	TEA		UTE -0.24	UTE	UTE			2040	INLET	460HR
13	63	0.08	70	2	VOL		010 +6.46	010	010			4038	INLET	460SI
13	72	2.40	177	1	DNT		UTS +0.04	UTS	UTS			4038	INLET	460SI
		0.22	108	2	VOL		012 +0.70	012	012			4038	INLET	460SI
		0.27	131	2	VOL		010 -0.15	010	010			4038	INLET	460SI
13	73	5.34	169	1	DNT		UTS +0.05	UTS	UTS			4038	INLET	460SI
13	74	8.59	176	1	DNT		UTS +0.04	UTS	UTS			4038	INLET	460SI
		3.49	180	1	DNT		015 +0.60	015	015			4038	INLET	460SI
14	7	1.72	30	2	TEA		UTE -0.19	UTE	UTE			2049	INLET	460HR
14	9	0.57	78	P 3	TWD	8	015 +0.30	015	015	WAR		4031	OUTLET	460SI
14	11	0.19	62	2	SAI		014 +7.09	014	014			4031	OUTLET	460SI
		0.19	62	2	TWD	70	014 +7.09	014	014			4031	OUTLET	460SI
14	19	2.51	20	2	TEA		UTE -0.16	UTE	UTE			2050	INLET	460HR
		0.92	61	P 3	TWD	13	007 -0.71	007	007	WAR		4031	OUTLET	460SI
14	53	0.21	88	P 1	VOL		004 -16.81	004	004			4046	INLET	460SI
14	58	0.05	54	2	VOL		010 +16.62	010	010			4046	INLET	460SI
14	66	0.40	80	P 3	TWD	5	015 +0.43	015	015	WAR		4046	INLET	460SI
		0.10	71	2	SAI		014 +15.40	014	014			4046	INLET	460SI
		0.10	71	2	TWD	49	014 +15.40	014	014			4046	INLET	460SI
		0.64	109	1	VOL		010 -14.98	010	010			4046	INLET	460SI
		0.24	92	2	VOL		010 -16.00	010	010			4046	INLET	460SI
		0.44	94	1	VOL		010 -16.90	010	010			4046	INLET	460SI
14	74	4.11	183	1	DNT		UTS +0.05	UTS	UTS			4038	INLET	460SI
		0.25	64	P 3	TWD	4	010 +0.34	010	010	WAR		4038	INLET	460SI
14	75	0.08	95	2	SAI		015 -2.51	015	015			4038	INLET	460SI
		0.08	95	2	TWD	0	015 -2.51	015	015			4038	INLET	460SI
15	5	2.11	35	2	TEA		UTE -0.18	UTE	UTE			2049	INLET	460HR
		0.40	98	P 3	TWD	6	009 +0.54	009	009	WAR		4031	OUTLET	460SI
15	14	0.08	67	2	VOL		013 -1.29	013	013			4031	OUTLET	460SI
15	27	3.24	31	2	TEA		UTE -0.16	UTE	UTE			2049	INLET	460HR
15	70	0.41	93	2	VOL		010 -3.33	010	010	TO-17.44		4032	INLET	460SI
15	75	0.12	67	P 1	VOL		014 +0.94	014	014			4046	INLET	460SI
15	77	0.19	67	P 1	VOL		013 -10.71	013	013			4038	INLET	460SI
		0.13	97	2	VOL		LTS +0.53	LTS	LTS			4038	INLET	460SI
16	8	1.45	24	2	TEA		UTE -0.18	UTE	UTE			2049	INLET	460HR
16	21	0.78	21	2	TEA		UTE -0.16	UTE	UTE			2050	INLET	460HR
16	28	4.44	163	1	DNT		009 -10.28	009	009			4027	OUTLET	460SI
16	46	0.10	79	2	VOL		001 -19.81	001	001			4046	INLET	460SI
16	57	1.54	32	2	TEA		UTE -0.21	UTE	UTE			2039	INLET	460HR
16	59	9.35	182	1	DNT		006 -1.48	006	006			4046	INLET	460SI
16	61	1.06	27	2	TEA		UTE -0.21	UTE	UTE			2039	INLET	460HR
16	74	0.26	110	2	VOL		010 -9.56	010	010	TO-20.32		4032	INLET	460SI
16	78	0.18	64	2	VOL		014 +0.75	014	014			4032	INLET	460SI
16	81	1.89	27	2	TEA		UTE -0.14	UTE	UTE			2064	INLET	460HR
17	2	0.67	59	P 3	TWD	10	010 +0.52	010	010	WAR		4031	OUTLET	460SI
17	5	0.55	94	P 3	TWD	8	008 +0.41	008	008	WAR		4031	OUTLET	460SI
17	7	1.19	23	2	TEA		UTE -0.20	UTE	UTE			2049	INLET	460HR
17	8	2.51	22	2	TEA		UTE -0.15	UTE	UTE			2050	INLET	460HR
17	9	1.76	23	2	TEA		UTE -0.18	UTE	UTE			2049	INLET	460HR
17	10	0.67	99	P 3	TWD	10	009 -0.79	009	009	WAR		4031	OUTLET	460SI
17	16	0.92	18	2	TEA		UTE -0.17	UTE	UTE			2050	INLET	460HR
17	57	0.45	23	P 1	SCI		UTE -3.47	UTE	UTS	TR		2039	INLET	460HR
		0.39	29	P 1	TWD	99	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.16	51	P 3	TWD	0	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.19	48	P 3	TWD	27	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.28	38	P 3	TWD	43	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.45	29	P 3	TWD	85	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.39	36	P 3	TWD	69	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.30	37	P 3	TWD	48	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.27	36	P 3	TWD	42	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.32	30	P 3	TWD	52	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.32	27	P 3	TWD	53	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.32	21	P 3	TWD	52	UTE -3.47	UTE	UTS			2039	INLET	460HR
		0.31	46	P 3	TWD	49	UTE -3.47	UTE	UTS			2039	INLET	460HR

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
		0.36	26	P 3	TWD	0	UTE	-3.47	TO+186.2	UTE	UTS	2039	INLET	460HR	
		0.45	22	P 1	SCI		UTE	-3.51		UTE	UTS	2039	INLET	460HR	
		0.34	28	P 1	TWD	98	UTE	-3.51	TO+322.8	UTE	UTS	2039	INLET	460HR	
		0.15	42	P 3	TWD	0	UTE	-3.51	TO+297.9	UTE	UTS	2039	INLET	460HR	
		0.14	41	P 3	TWD	77	UTE	-3.51	TO+306.2	UTE	UTS	2039	INLET	460HR	
		0.26	35	P 3	TWD	97	UTE	-3.51	TO+314.5	UTE	UTS	2039	INLET	460HR	
		0.25	33	P 3	TWD	97	UTE	-3.51	TO+322.8	UTE	UTS	2039	INLET	460HR	
		0.22	31	P 3	TWD	94	UTE	-3.51	TO+331.0	UTE	UTS	2039	INLET	460HR	
		0.12	47	P 3	TWD	60	UTE	-3.51	TO+339.3	UTE	UTS	2039	INLET	460HR	
		0.15	47	P 3	TWD	0	UTE	-3.51	TO+347.6	UTE	UTS	2039	INLET	460HR	
17	58	1.99	23	2	TEA		UTE	-0.32		UTE	UTE	2040	INLET	460HR	
17	64	2.51	16	2	TEA		UTE	-0.32		UTE	UTE	2040	INLET	460HR	
17	73	0.31	106	2	VOL		009	+18.13	TO+27.91	009	009	4032	INLET	460SI	
		0.30	106	2	TWD	0	009	+18.13	TO+27.91	009	009	4032	INLET	460SI	
17	74	0.20	134	2	VOL		011	-0.74		011	011	4059	OUTLET	460SI	
		0.19	126	2	TWD	0	011	-0.74		011	011	4059	OUTLET	460SI	
		0.40	91	2	VOL		009	+18.86	TO+29.30	009	010	IDOK	4059	OUTLET	460SI
		0.26	119	2	VOL		009	+18.86	TO+29.30	009	009	4032	INLET	460SI	
		0.26	119	2	TWD	0	009	+18.86	TO+29.30	009	009	4032	INLET	460SI	
17	75	0.46	92	2	VOL		010	-9.69	TO-21.98	010	010	4032	INLET	460SI	
		0.44	92	2	TWD	7	010	-9.69	TO-21.98	010	010	4032	INLET	460SI	
17	76	0.39	92	2	VOL		010	-9.04	TO-21.19	010	010	4032	INLET	460SI	
		0.54	87	2	TWD	15	010	-9.04	TO-21.19	010	010	4032	INLET	460SI	
17	77	0.29	93	2	VOL		010	-8.52	TO-19.28	010	010	4032	INLET	460SI	
		0.28	93	2	TWD	5	010	-8.52	TO-19.28	010	010	4032	INLET	460SI	
17	78	0.46	88	2	VOL		010	-10.72	TO-18.04	010	010	4032	INLET	460SI	
		0.45	88	2	TWD	13	010	-10.72	TO-18.04	010	010	4032	INLET	460SI	
17	79	0.34	98	2	VOL		014	+0.93		014	014	4032	INLET	460SI	
18	10	0.93	88	P 3	TWD	13	009	-0.74		009	009	WAR	4031	OUTLET	460SI
18	49	0.35	59	2	SAI		UTS	-5.62		UTS	UTS	4046	INLET	460SI	
		0.35	59	2	TWD	67	UTS	-5.62		UTS	UTS	4046	INLET	460SI	
		0.45	53	2	SAI		UTS	-6.03		UTS	UTS	4046	INLET	460SI	
		0.45	53	2	TWD	76	UTS	-6.03		UTS	UTS	4046	INLET	460SI	
18	60	2.02	24	2	TEA		UTE	-0.23		UTE	UTE	2039	INLET	460HR	
18	62	0.35	52	P 3	TWD	4	015	+0.27		015	015	WAR	4046	INLET	460SI
18	73	2.31	24	2	SAI		UTE	-0.35		UTE	UTE	CL	2040	INLET	460HR
		2.31	26	2	TWD	78	UTE	-0.35		UTE	UTE	2040	INLET	460HR	
18	75	0.13	58	2	VOL		014	+1.04		014	014	4032	INLET	460SI	
		0.12	58	2	TWD	59	014	+1.04		014	014	4032	INLET	460SI	
18	76	0.18	85	2	VOL		014	+0.84		014	014	4032	INLET	460SI	
		0.35	55	2	TWD	63	014	+0.84		014	014	4032	INLET	460SI	
18	77	0.56	85	P 3	TWD	6	014	+0.69		014	014	WAR	4046	INLET	460SI
		0.47	91	2	VOL		010	-11.87	TO-27.10	010	010	4046	INLET	460SI	
		18.45	183	1	DNT		LTS	+14.24		LTS	LTS	4046	INLET	460SI	
18	79	0.31	91	2	VOL		010	-12.42	TO-23.20	010	010	4032	INLET	460SI	
18	84	4.93	159	1	DNT		LTS	-14.22		LTS	LTS	4059	OUTLET	460SI	
18	85	0.10	72	2	VOL		004	-6.90		004	004	4059	OUTLET	460SI	
19	16	1.56	20	2	TEA		UTE	-0.34		UTE	UTE	2050	INLET	460HR	
19	18	1.79	20	2	TEA		UTE	-0.18		UTE	UTE	2050	INLET	460HR	
19	24	1.76	22	2	TEA		UTE	-0.12		UTE	UTE	2050	INLET	460HR	
19	32	1.83	23	2	TEA		UTE	-0.31		UTE	UTE	2050	INLET	460HR	
19	33	1.67	28	2	TEA		UTE	-0.16		UTE	UTE	2049	INLET	460HR	
19	46	0.58	23	2	TEA		UTE	-0.20		UTE	UTE	2039	INLET	460HR	
19	60	1.68	26	2	TEA		UTE	-0.21		UTE	UTE	2039	INLET	460HR	
19	74	1.73	22	2	TEA		UTE	-0.18		UTE	UTE	2039	INLET	460HR	
19	77	0.13	66	2	VOL		014	+1.16		014	014	4032	INLET	460SI	
		0.13	66	2	TWD	47	014	+1.16		014	014	4032	INLET	460SI	
19	80	0.33	88	2	VOL		014	+0.68		014	014	4032	INLET	460SI	
		0.52	97	2	TWD	0	014	+0.68		014	014	4032	INLET	460SI	
20	19	2.74	22	2	TEA		UTE	-0.20		UTE	UTE	2050	INLET	460HR	
20	38	0.22	60	2	VOL		014	+0.55		014	014	4027	OUTLET	460SI	
20	55	8.09	168	1	DNT		002	-8.97		002	002	4059	OUTLET	460SI	
20	75	0.76	16	2	TEA		UTE	-0.21		UTE	UTE	2039	INLET	460HR	
21	5	0.84	142	P 3	TWD	14	009	-0.46		009	009	WAR	4029	OUTLET	460SI
21	6	0.34	132	2	VOL		010	+0.48		010	010	4029	OUTLET	460SI	
21	9	1.38	30	2	TEA		UTE	-0.20		UTE	UTE	2049	INLET	460HR	
21	11	2.02	19	2	TEA		UTE	-0.18		UTE	UTE	2049	INLET	460HR	
21	33	0.22	87	2	VOL		015	+0.79		015	015	4027	OUTLET	460SI	
21	35	1.44	21	2	TEA		UTE	-0.11		UTE	UTE	2049	INLET	460HR	
21	52	0.98	41	2	TEA		UTE	-0.23		UTE	UTE	2039	INLET	460HR	
		0.36	90	2	VOL		014	+0.71		014	014	4032	INLET	460SI	
21	62	0.08	66	2	VOL		015	-7.47		015	015	4032	INLET	460SI	
21	78	0.73	27	2	TEA		UTE	-0.19		UTE	UTE	2039	INLET	460HR	
22	14	1.24	35	2	TEA		UTE	-0.09		UTE	UTE	2049	INLET	460HR	
22	26	0.11	60	2	VOL		014	+10.07		014	014	4029	OUTLET	460SI	

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
22	51	5.29	168	1	DNT		002 +6.05	002	002			4046	INLET	460SI
22	64	3.22	25	2	TEA		UTE -0.18	UTE	UTE			2039	INLET	460HR
22	91	0.93	66	P 3	TWD	12	010 +0.65	010	010	WAR		4032	INLET	460SI
22	93	12.30	179	1	DNT		UTS +0.02	UTS	UTS			4038	INLET	460SI
		8.79	181	1	DNT		015 +0.66	015	015			4038	INLET	460SI
23	2	0.41	135	2	VOL		010 +0.38	010	010			4054	INLET	460SI
23	3	0.27	56	2	VOL		009 +14.44	009	009			4054	INLET	460SI
23	5	0.46	83	P 3	TWD	10	009 -0.59	009	009	WAR		4054	INLET	460SI
23	14	1.39	20	2	TEA		UTE -0.15	UTE	UTE			2050	INLET	460HR
23	36	0.55	19	2	TEA		UTE -0.09	UTE	UTE			2050	INLET	460HR
23	44	14.41	171	1	DNT		LTS +17.72	LTS	LTS			4054	INLET	460SI
23	65	0.54	21	2	TEA		UTE -0.19	UTE	UTE			2039	INLET	460HR
23	82	0.25	159	2	VOL		009 -0.18	009	009			4032	INLET	460SI
23	93	5.68	179	1	DNT		UTS +0.09	UTS	UTS			4059	OUTLET	460SI
		5.80	170	1	DNT		UTS -0.07	UTS	UTS			4038	INLET	460SI
23	94	7.33	173	1	DNT		UTS +0.03	UTS	UTS			4038	INLET	460SI
		0.42	96	P 3	TWD	9	011 -0.71	011	011	WAR		4038	INLET	460SI
24	4	0.25	66	2	VOL		009 +0.66	009	009			4054	INLET	460SI
24	5	0.33	146	2	VOL		009 -0.32	009	009			4054	INLET	460SI
		0.33	121	2	VOL		010 +0.53	010	010			4027	OUTLET	460SI
24	11	2.00	22	2	TEA		UTE -0.13	UTE	UTE			2053	INLET	460HR
24	22	2.56	26	2	TEA		UTE -0.27	UTE	UTE			2054	INLET	460HR
24	44	0.17	61	2	VOL		014 +0.24	014	014			4027	OUTLET	460SI
25	15	0.16	60	2	VOL		008 +10.97	008	008			4027	OUTLET	460SI
25	66	1.25	26	2	TEA		UTE -0.18	UTE	UTE			2035	INLET	460HR
25	67	1.42	28	2	TEA		UTE -0.21	UTE	UTE			2035	INLET	460HR
25	81	0.46	20	2	TEA		UTE -0.21	UTE	UTE			2035	INLET	460HR
25	83	0.17	17	2	VOL		UTS -12.45	UTS	UTS			4032	INLET	460SI
		0.12	67	2	VOL		UTS -12.64	UTS	UTS			4032	INLET	460SI
25	94	1.20	68	P 3	TWD	13	009 -0.57	009	009	WAR		4046	INLET	460SI
		1.33	70	P 3	TWD	14	009 +0.70	009	009	WAR		4046	INLET	460SI
25	95	0.78	84	P 3	TWD	9	008 +0.62	008	008	WAR		4046	INLET	460SI
26	23	1.12	13	2	TEA		UTE -0.17	UTE	UTE			2053	INLET	460HR
26	54	0.11	57	2	VOL		010 +16.79	010	010			4032	INLET	460SI
26	92	1.39	63	P 3	TWD	15	008 -0.46	008	008	WAR		4046	INLET	460SI
27	24	0.81	16	2	TEA		UTE -0.22	UTE	UTE			2053	INLET	460HR
27	68	0.19	73	2	VOL		014 +0.40	014	014			4032	INLET	460SI
27	72	0.25	17	2	VOL		015 +0.36	015	015			4032	INLET	460SI
27	92	0.14	71	2	VOL		010 +10.99	010	010			4046	INLET	460SI
27	98	0.20	63	2	VOL		015 -1.83	015	015			4046	INLET	460SI
		0.28	98	2	VOL		011 -0.74	011	011			4046	INLET	460SI
28	37	0.07	111	2	SAI		011 -2.60	011	011			4027	OUTLET	460SI
		0.07	111	2	TWD	30	011 -2.60	011	011			4027	OUTLET	460SI
		0.06	97	2	SAI		011 -3.33	011	011			4027	OUTLET	460SI
		0.06	97	2	TWD	34	011 -3.33	011	011			4027	OUTLET	460SI
		0.09	75	2	SAI		011 -3.68	011	011			4027	OUTLET	460SI
		0.09	75	2	TWD	44	011 -3.68	011	011			4027	OUTLET	460SI
		0.08	81	2	SAI		011 -4.01	011	011			4027	OUTLET	460SI
		0.08	81	2	TWD	41	011 -4.01	011	011			4027	OUTLET	460SI
		0.12	65	2	SAI		011 -4.39	011	011			4027	OUTLET	460SI
		0.12	65	2	TWD	50	011 -4.39	011	011			4027	OUTLET	460SI
		0.11	110	2	SAI		011 -4.63	011	011			4027	OUTLET	460SI
		0.11	110	2	TWD	30	011 -4.63	011	011			4027	OUTLET	460SI
		0.23	56	2	SAI		011 -5.19	011	011			4027	OUTLET	460SI
		0.23	56	2	TWD	58	011 -5.19	011	011			4027	OUTLET	460SI
		0.16	72	2	SAI		011 -5.42	011	011			4027	OUTLET	460SI
		0.16	72	2	TWD	46	011 -5.42	011	011			4027	OUTLET	460SI
		0.18	70	2	SAI		011 -5.57	011	011			4027	OUTLET	460SI
		0.18	70	2	TWD	47	011 -5.57	011	011			4027	OUTLET	460SI
		0.19	107	2	SAI		011 -5.68	011	011			4027	OUTLET	460SI
		0.19	107	2	TWD	31	011 -5.68	011	011			4027	OUTLET	460SI
		0.14	94	2	SAI		011 -5.94	011	011			4027	OUTLET	460SI
		0.14	94	2	TWD	35	011 -5.94	011	011			4027	OUTLET	460SI
		0.13	77	2	SAI		011 -6.16	011	011			4027	OUTLET	460SI
		0.13	77	2	TWD	43	011 -6.16	011	011			4027	OUTLET	460SI
		0.14	95	2	SAI		011 -6.49	011	011			4027	OUTLET	460SI
		0.14	95	2	TWD	35	011 -6.49	011	011			4027	OUTLET	460SI
		0.22	59	2	SAI		013 -0.90	013	013	TO-1.49		4027	OUTLET	460SI
		0.22	59	2	TWD	55	013 -0.90	013	013	TO-1.49		4027	OUTLET	460SI
		0.17	46	2	SAI		013 -1.65	013	013			4027	OUTLET	460SI
		0.17	46	2	TWD	69	013 -1.65	013	013			4027	OUTLET	460SI
		0.34	50	2	SAI		013 -2.41	013	013			4027	OUTLET	460SI
		0.31	50	2	TWD	64	013 -2.41	013	013			4027	OUTLET	460SI
		0.41	40	2	SAI		013 -3.92	013	013			4027	OUTLET	460SI
		0.41	40	2	TWD	78	013 -3.92	013	013			4027	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.18	107	2	SAI		013	-4.51	013	013		4027	OUTLET	460SI
		0.18	107	2	TWD	31	013	-4.51	013	013		4027	OUTLET	460SI
28	56	0.12	37	P 1	VOL		013	-16.24	013	013		4046	INLET	460SI
28	64	0.08	65	2	VOL		012	-17.31	012	012		4046	INLET	460SI
28	70	2.17	24	2	TEA		UTE	-0.20	UTE	UTE		2035	INLET	460HR
28	84	1.06	20	2	TEA		UTE	-0.19	UTE	UTE		2035	INLET	460HR
28	90	0.42	84	P 3	TWD	5	001	-0.34	001	001	WAR	4046	INLET	460SI
29	2	0.61	122	2	VOL		010	-0.21	010	010		4027	OUTLET	460SI
29	56	0.16	82	2	VOL		014	+1.02	014	014		4046	INLET	460SI
29	57	0.29	74	P 1	VOL		014	+1.00	014	014		4046	INLET	460SI
29	69	1.74	31	2	TEA		UTE	-0.19	UTE	UTE		2031	INLET	460HR
30	1	0.30	121	2	VOL		015	+1.22	015	015		4027	OUTLET	460SI
		0.20	80	2	SAI		015	+9.54	015	015		4027	OUTLET	460SI
		0.23	78	2	TWD	42	015	+9.54	015	015		4027	OUTLET	460SI
		0.30	121	2	TWD	0	015	+1.22	015	015		4027	OUTLET	460SI
30	50	9.97	177	1	DNT		001	+10.83	001	001		4034	OUTLET	460SI
30	80	0.15	76	2	VOL		014	+1.01	014	014		4046	INLET	460SI
30	88	1.40	15	2	TEA		UTE	-0.13	UTE	UTE		2031	INLET	460HR
31	2	0.31	130	2	VOL		012	+0.71	012	012		4027	OUTLET	460SI
		0.31	130	2	TWD	0	012	+0.71	012	012		4027	OUTLET	460SI
31	8	0.51	89	P 3	TWD	7	010	+0.58	010	010	WAR	4027	OUTLET	460SI
31	50	2.55	27	2	TEA		UTE	-0.24	UTE	UTE		2053	INLET	460HR
31	53	1.23	14	2	TEA		UTE	-0.22	UTE	UTE		2053	INLET	460HR
31	56	0.13	72	2	SAI		UTS	-5.35	UTS	UTS		4046	INLET	460SI
		0.13	72	2	TWD	54	UTS	-5.35	UTS	UTS		4046	INLET	460SI
31	57	0.14	114	2	VOL		014	-0.53	014	014		4046	INLET	460SI
		0.11	63	2	VOL		012	-13.97	012	012		4046	INLET	460SI
		0.08	57	2	VOL		012	-16.13	012	012		4046	INLET	460SI
31	59	0.08	57	P 1	VOL		011	+7.10	011	011		4046	INLET	460SI
31	61	0.19	64	2	VOL		011	+2.95	011	011		4046	INLET	460SI
31	71	0.18	97	2	VOL		015	+0.55	015	015		4046	INLET	460SI
31	73	6.08	182	1	DNT		006	-1.65	006	006		4046	INLET	460SI
31	74	0.14	71	2	VOL		010	-15.95	010	010		4046	INLET	460SI
		0.12	62	P 1	VOL		008	+7.64	008	008		4046	INLET	460SI
		0.23	61	2	VOL		006	+17.02	006	006		4046	INLET	460SI
31	105	0.16	72	2	VOL		UTS	-8.78	UTS	UTS		4046	INLET	460SI
32	1	0.32	40	2	VOL		015	+18.65	015	015		4027	OUTLET	460SI
32	3	0.76	137	P 3	TWD	17	010	+0.66	010	010	WAR	4027	OUTLET	460SI
32	14	0.11	60	2	VOL		008	-17.37	008	008		4025	OUTLET	460SI
32	69	0.09	49	2	VOL		008	-8.31	008	008		4048	INLET	460SI
		0.06	52	2	VOL		008	-10.06	008	008		4048	INLET	460SI
		0.13	54	2	VOL		008	-14.72	008	008		4048	INLET	460SI
33	1	0.31	109	2	VOL		012	+0.76	012	012		4027	OUTLET	460SI
33	3	0.35	73	2	VOL		010	-0.33	010	010		4027	OUTLET	460SI
33	6	0.33	140	2	VOL		010	+0.50	010	010		4025	OUTLET	460SI
33	7	0.17	67	2	SAI		013	+14.31	013	013		4054	INLET	460SI
		0.17	67	2	TWD	66	013	+14.31	013	013		4054	INLET	460SI
		0.08	65	2	SAI		013	+7.71	013	013		4054	INLET	460SI
		0.08	65	2	TWD	69	013	+7.71	013	013		4054	INLET	460SI
		0.08	56	2	SAI		013	+7.54	013	013		4054	INLET	460SI
		0.08	66	2	TWD	68	013	+7.54	013	013		4054	INLET	460SI
33	12	0.63	21	2	TEA		UTE	-0.15	UTE	UTE		2057	INLET	460HR
33	17	3.08	169	1	DNT		013	+6.60	013	013		4029	OUTLET	460SI
33	21	0.20	76	2	VOL		014	+0.98	014	014		4029	OUTLET	460SI
33	53	0.10	50	2	VOL		010	-13.21	010	010		4034	OUTLET	460SI
34	6	0.13	62	2	VOL		009	-1.57	009	009		4027	OUTLET	460SI
34	13	0.25	157	2	VOL		008	-0.69	008	008		4025	OUTLET	460SI
34	41	0.09	75	2	VOL		007	-19.25	007	007		4022	OUTLET	460SI
34	45	0.15	106	2	VOL		014	+0.48	014	014		4022	OUTLET	460SI
34	64	0.19	70	2	VOL		004	+9.83	004	004		4048	INLET	460SI
34	86	0.23	101	2	VOL		003	-0.77	003	003		4048	INLET	460SI
34	87	0.11	75	2	VOL		015	+0.19	015	015		4048	INLET	460SI
34	88	0.10	67	2	VOL		011	+5.19	011	011		4048	INLET	460SI
34	89	0.64	67	2	VOL		001	+0.80	001	001		4048	INLET	460SI
		0.64	66	2	TWD	42	001	+0.80	001	001		4048	INLET	460SI
35	1	4.93	0	1	DNT		015	+0.88	015	015		4022	OUTLET	460SI
35	2	0.32	75	2	VOL		UTS	-11.04	UTS	UTS		4027	OUTLET	460SI
35	41	0.23	62	P 3	TWD	4	015	+0.72	015	015	WAR	4022	OUTLET	460SI
35	42	0.21	102	2	VOL		014	+0.45	014	014		4022	OUTLET	460SI
35	52	4.12	168	1	DNT		LTS	+18.32	LTS	LTS		4034	OUTLET	460SI
35	90	0.14	122	2	VOL		001	+0.91	001	001		4046	INLET	460SI
35	108	11.11	167	1	DNT		UTS	+0.12	UTS	UTS		4059	OUTLET	460SI
		0.44	107	2	VOL		UTS	-14.24	UTS	UTS		4059	OUTLET	460SI
		10.46	161	1	DNT		015	+0.70	015	015		4038	INLET	460SI
36	1	0.10	79	2	VOL		010	+4.87	010	010		4022	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
36	22	0.22	104	2	VOL		015	+0.73	015	015			4027	OUTLET	460SI
36	44	0.25	48	P 3	TWD	3	015	+0.52	015	015	WAR		4022	OUTLET	460SI
36	96	0.19	57	2	VOL		011	-6.99	011	011			4044	INLET	460SI
36	108	1.45	72	P 3	TWD	16	008	-0.68	008	008	WAR		4046	INLET	460SI
36	111	0.25	100	P 1	VOL		011	-0.70	011	011			4038	INLET	460SI
36	113	0.16	69	2	VOL		UTS	-11.29	UTS	UTS	IDOK		4059	OUTLET	460SI
		0.14	88	2	VOL		UTS	-11.05	UTS	UTS			4038	INLET	460SI
		0.14	88	2	TWD	21	UTS	-11.05	UTS	UTS			4038	INLET	460SI
37	4	0.21	78	2	VOL		014	+1.08	014	014			4027	OUTLET	460SI
37	22	0.14	83	2	VOL		008	+5.19	008	008			4054	INLET	460SI
37	47	0.16	39	2	VOL		002	-10.06	002	002			4022	OUTLET	460SI
37	54	10.40	171	1	DNT		LTS	+18.37	LTS	LTS			4034	OUTLET	460SI
38	3	0.16	112	2	VOL		014	+0.79	014	014			4022	OUTLET	460SI
38	4	0.26	77	2	VOL		014	+1.22	014	014			4022	OUTLET	460SI
38	74	0.11	52	2	SAI		013	+9.82	013	013			4048	INLET	460SI
		0.11	52	2	TWD	92	013	+9.82	013	013			4048	INLET	460SI
38	115	0.42	90	P 3	TWD	7	007	-0.68	007	007	WAR		4038	INLET	460SI
39	74	1.16	29	2	TEA		UTE	-0.14	UTE	UTE			2031	INLET	460HR
39	114	0.38	80	2	VOL		013	+0.95	013	013			4046	INLET	460SI
39	115	0.14	84	2	VOL		012	+1.18	012	012			4046	INLET	460SI
		0.17	64	2	VOL		012	+1.44	012	012			4046	INLET	460SI
40	1	1.94	20	2	TEA		UTE	-0.21	UTE	UTE			2058	INLET	460HR
40	2	0.96	150	P 3	TWD	12	013	-0.68	013	013	WAR		4022	OUTLET	460SI
40	12	0.24	97	2	VOL		004	-0.66	004	004			4022	OUTLET	460SI
40	76	0.22	34	2	VOL		014	+0.38	014	014			4048	INLET	460SI
40	114	0.20	85	2	VOL		007	-0.79	007	007			4046	INLET	460SI
40	115	0.41	60	P 3	TWD	5	012	+0.79	012	012	WAR		4046	INLET	460SI
41	77	4.84	175	1	DNT		014	+16.46	014	014			4037	OUTLET	460SI
41	103	0.19	75	2	VOL		007	-13.31	007	007			4037	OUTLET	460SI
41	113	1.10	74	P 3	TWD	13	009	-0.74	009	009	WAR		4045	OUTLET	460SI
42	96	0.09	53	2	VOL		012	-12.08	012	012			4037	OUTLET	460SI
42	116	0.52	20	2	VOL		014	+1.21	014	014			4045	OUTLET	460SI
		0.19	73	2	TWD	45	014	+1.21	014	014			4045	OUTLET	460SI
		0.55	69	2	VOL		UTS	-14.37	UTS	UTS	TO-11.74		4045	OUTLET	460SI
		0.30	107	2	TWD	0	UTS	-14.37	UTS	UTS	TO-11.74		4045	OUTLET	460SI
43	1	0.23	122	2	VOL		013	-0.77	013	013			4015	OUTLET	460SI
43	7	0.40	117	2	VOL		008	+0.65	008	008			4015	OUTLET	460SI
43	63	2.89	169	1	DNT		LTS	-0.05	LTS	LTS			4037	OUTLET	460SI
43	66	0.14	76	2	VOL		UTS	+6.11	UTS	UTS			4037	OUTLET	460SI
43	73	0.09	52	2	VOL		013	+15.88	013	013			4037	OUTLET	460SI
43	83	0.13	52	2	VOL		011	+17.16	011	011			4037	OUTLET	460SI
43	116	0.89	83	P 3	TWD	14	009	-0.50	009	009	WAR		4051	INLET	460SI
44	4	0.23	74	2	VOL		010	+1.27	010	010			4015	OUTLET	460SI
		0.23	74	2	TWD	38	010	+1.27	010	010			4015	OUTLET	460SI
44	34	1.48	18	2	TEA		UTE	-0.17	UTE	UTE			2088	INLET	460HR
44	38	1.02	27	2	TEA		UTE	-0.13	UTE	UTE			2088	INLET	460HR
		0.11	123	2	SAI		014	-12.54	014	014			4017	OUTLET	460SI
		0.11	114	2	TWD	13	014	-12.54	014	014			4017	OUTLET	460SI
45	6	1.89	16	2	TEA		UTE	-0.20	UTE	UTE			2088	INLET	460HR
45	29	1.28	29	2	TEA		UTE	-0.12	UTE	UTE			2089	INLET	460HR
45	44	0.21	29	2	SAI		010	+15.76	010	010			4017	OUTLET	460SI
		0.12	98	2	TWD	31	010	+15.76	010	010			4017	OUTLET	460SI
		0.15	92	2	SAI		010	+15.83	010	010			4017	OUTLET	460SI
		0.15	92	2	TWD	37	010	+15.83	010	010			4017	OUTLET	460SI
		0.15	81	2	SAI		010	+18.17	010	010			4017	OUTLET	460SI
		0.15	81	2	TWD	49	010	+18.17	010	010			4017	OUTLET	460SI
45	59	0.17	104	2	VOL		015	+1.75	015	015			4019	OUTLET	460SI
45	64	0.07	46	2	VOL		010	-13.56	010	010			4037	OUTLET	460SI
45	72	0.04	54	2	VOL		012	-19.42	012	012			4037	OUTLET	460SI
45	73	0.23	139	2	VOL		014	+0.52	014	014			4037	OUTLET	460SI
45	117	0.21	78	2	VOL		014	+1.02	014	014			4051	INLET	460SI
46	7	1.82	16	2	TEA		UTE	-0.17	UTE	UTE			2089	INLET	460HR
		3.41	189	1	DNT		LTS	-13.43	LTS	LTS			4015	OUTLET	460SI
46	59	0.21	78	2	VOL		015	+1.82	015	015			4019	OUTLET	460SI
46	68	0.10	42	2	SAI		UTS	-13.38	UTS	UTS			4037	OUTLET	460SI
		0.10	42	2	TWD	88	UTS	-13.38	UTS	UTS			4037	OUTLET	460SI
46	77	0.24	30	2	VOL		014	+0.37	014	014			4037	OUTLET	460SI
46	105	0.09	64	2	VOL		UTS	-9.41	UTS	UTS			4037	OUTLET	460SI
47	7	1.87	16	2	TEA		UTE	-0.17	UTE	UTE			2088	INLET	460HR
		2.61	166	1	DNT		LTS	-13.46	LTS	LTS			4015	OUTLET	460SI
47	57	0.14	48	2	VOL		UTS	-15.96	UTS	UTS			4019	OUTLET	460SI
47	63	0.18	92	2	VOL		015	+0.89	015	015			4045	OUTLET	460SI
		0.18	91	2	TWD	0	015	+0.89	015	015			4045	OUTLET	460SI
47	83	0.94	17	2	TEA		UTE	-0.14	UTE	UTE			2008	INLET	460HR
47	104	0.09	47	2	VOL		015	+13.35	015	015			4037	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
48	30	1.22	19	2	TEA		UTE	-0.12	UTE	UTE		2089	INLET	460HR
48	31	0.52	59	P 3	TWD	6	015	+0.47	015	015	WAR	4017	OUTLET	460SI
48	51	0.37	59	2	VOL		012	+17.72	012	012		4019	OUTLET	460SI
48	61	0.58	15	2	TEA		UTE	-0.15	UTE	UTE		2088	INLET	460HR
48	69	0.19	102	P 3	TWD	4	014	+0.12	014	014	WAR	4045	OUTLET	460SI
48	76	0.08	42	2	VOL		011	+12.23	011	011		4037	OUTLET	460SI
48	77	0.18	155	2	VOL		014	+0.32	014	014		4037	OUTLET	460SI
48	80	0.19	65	2	VOL		014	+0.16	014	014		4037	OUTLET	460SI
		0.22	28	2	VOL		014	+0.65	014	014		4037	OUTLET	460SI
48	81	0.22	139	2	VOL		015	+0.50	015	015		4037	OUTLET	460SI
48	117	0.43	66	P 3	TWD	7	015	+0.77	015	015	WAR	4051	INLET	460SI
49	17	2.82	174	1	DNT		UTS	+12.33	UTS	UTS		4015	OUTLET	460SI
49	76	1.02	13	2	TEA		UTE	-0.28	UTE	UTE		2008	INLET	460HR
		0.22	51	2	SAI		012	-10.01	012	012		4037	OUTLET	460SI
		0.18	72	2	TWD	44	012	-10.01	012	012		4037	OUTLET	460SI
49	123	0.87	76	P 3	TWD	14	011	+0.78	011	011	WAR	4051	INLET	460SI
50	23	0.19	50	2	VOL		015	+4.85	015	015		4017	OUTLET	460SI
50	65	1.98	14	2	TEA		UTE	-0.27	UTE	UTE		2008	INLET	460HR
50	81	1.89	174	1	DNT		LTS	+0.18	LTS	LTS		4037	OUTLET	460SI
		0.16	120	2	VOL		014	+0.42	014	014		4037	OUTLET	460SI
50	95	1.16	17	2	TEA		UTE	-0.24	UTE	UTE		2008	INLET	460HR
		0.46	66	P 3	TWD	9	014	+0.59	014	014	WAR	4045	OUTLET	460SI
51	12	0.07	66	2	VOL		012	+8.36	012	012		4015	OUTLET	460SI
51	45	0.59	29	2	TEA		UTE	-0.15	UTE	UTE		2088	INLET	460HR
51	62	0.07	85	2	VOL		013	-4.76	013	013		4019	OUTLET	460SI
51	65	0.07	42	2	VOL		008	-19.83	008	008		4045	OUTLET	460SI
51	68	1.26	28	2	TEA		UTE	-0.28	UTE	UTE		2008	INLET	460HR
51	95	0.13	17	P 3	TWD	2	014	+0.25	014	014	WAR	4045	OUTLET	460SI
51	123	0.29	115	P 3	TWD	4	009	-0.70	009	009	WAR	4051	INLET	460SI
52	2	0.33	109	2	VOL		011	+0.69	011	011		4015	OUTLET	460SI
52	71	0.18	41	2	VOL		004	-11.82	004	004		4045	OUTLET	460SI
52	72	0.12	51	2	VOL		003	-9.88	003	003		4045	OUTLET	460SI
52	83	0.17	111	2	VOL		014	+0.11	014	014		4037	OUTLET	460SI
52	84	0.20	119	2	VOL		014	+0.34	014	014		4037	OUTLET	460SI
52	100	4.12	166	1	DNT		003	-3.64	003	003		4045	OUTLET	460SI
52	106	1.11	21	2	TEA		UTE	-0.27	UTE	UTE		2008	INLET	460HR
52	119	0.29	67	2	VOL		015	+0.22	015	015		4051	INLET	460SI
53	1	0.40	105	2	VOL		013	-0.64	013	013		4015	OUTLET	460SI
53	3	0.93	109	P 3	TWD	12	011	+0.70	011	011	WAR	4015	OUTLET	460SI
53	113	0.08	60	2	VOL		013	+17.82	013	013		4051	INLET	460SI
53	121	0.68	77	P 3	TWD	11	008	-0.59	008	008	WAR	4051	INLET	460SI
53	122	0.31	92	2	VOL		015	+0.32	015	015		4051	INLET	460SI
54	2	1.24	79	P 3	TWD	15	013	-0.71	013	013	WAR	4015	OUTLET	460SI
54	3	0.77	93	P 3	TWD	10	011	+0.73	011	011	WAR	4015	OUTLET	460SI
54	5	0.22	94	2	VOL		UTS	-22.27	UTS	UTS		4015	OUTLET	460SI
54	45	0.29	92	P 3	TWD	3	015	+0.73	015	015	WAR	4017	OUTLET	460SI
54	73	0.08	60	2	VOL		014	-10.21	014	014		4045	OUTLET	460SI
54	80	0.13	18	2	VOL		003	+8.14	003	003		4037	OUTLET	460SI
54	121	0.61	79	P 3	TWD	10	009	-0.53	009	009	WAR	4051	INLET	460SI
54	124	0.45	79	P 3	TWD	7	009	-0.73	009	009	WAR	4051	INLET	460SI
55	1	0.79	46	P 3	TWD	8	012	-0.70	012	012	WAR	4015	OUTLET	460SI
		1.16	41	P 3	TWD	12	013	-0.61	013	013	WAR	4015	OUTLET	460SI
55	11	0.16	67	2	VOL		012	-6.07	012	012		4015	OUTLET	460SI
55	29	0.18	34	2	VOL		008	-5.10	008	008		4017	OUTLET	460SI
55	46	0.20	66	2	VOL		013	-0.37	013	013		4017	OUTLET	460SI
55	102	0.15	77	2	SAI		012	+13.80	012	012		4045	OUTLET	460SI
		0.15	77	2	TWD	30	012	+13.80	012	012		4045	OUTLET	460SI
		0.12	100	2	SAI		012	+15.03	012	012		4045	OUTLET	460SI
		0.12	100	2	TWD	0	012	+15.03	012	012		4045	OUTLET	460SI
		0.12	87	2	SAI		012	+15.95	012	012		4045	OUTLET	460SI
		0.12	87	2	TWD	0	012	+15.95	012	012		4045	OUTLET	460SI
55	121	0.77	96	P 3	TWD	12	008	-0.65	008	008	WAR	4051	INLET	460SI
55	123	0.37	96	P 3	TWD	8	009	-0.71	009	009	WAR	4051	INLET	460SI
55	124	0.63	116	P 3	TWD	14	009	-0.71	009	009	WAR	4051	INLET	460SI
55	125	0.72	70	P 3	TWD	11	011	-0.55	011	011	WAR	4051	INLET	460SI
56	4	0.46	126	P 3	TWD	7	011	-0.72	011	011	WAR	4015	OUTLET	460SI
56	11	0.30	43	2	VOL		UTS	+11.27	UTS	UTS		4015	OUTLET	460SI
		0.29	38	2	TWD	78	UTS	+11.27	UTS	UTS		4015	OUTLET	460SI
56	28	0.29	42	2	VOL		002	-17.28	002	002		4017	OUTLET	460SI
56	122	0.23	98	2	VOL		011	-0.80	011	011		4051	INLET	460SI
56	124	0.45	113	2	VOL		010	+0.49	010	010		4051	INLET	460SI
57	2	0.48	136	P 3	TWD	9	013	-0.75	013	013	WAR	4064	OUTLET	460SI
57	3	0.70	66	2	VOL		014	+1.16	014	014		4015	OUTLET	460SI
		0.69	63	2	TWD	49	014	+1.16	014	014		4015	OUTLET	460SI
57	4	0.38	47	P 3	TWD	6	012	+0.78	012	012	WAR	4015	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
57	12	0.09	33	2	VOL		005 -12.73	005	005			4015	OUTLET	460SI
57	34	0.33	41	2	VOL		007 -6.28	007	007			4017	OUTLET	460SI
57	70	1.51	21	2	TEA		UTE -0.27	UTE	UTE			2015	INLET	460HR
57	78	0.74	17	2	TEA		UTE -0.23	UTE	UTE			2015	INLET	460HR
57	79	0.09	49	2	VOL		008 +2.88	008	008			4045	OUTLET	460SI
57	85	0.12	79	2	SAI		015 -2.39	015	015			4037	OUTLET	460SI
		0.13	79	2	SAI		015 -3.12	015	015			4037	OUTLET	460SI
		0.13	79	2	TWD	29	015 -3.12	015	015			4037	OUTLET	460SI
		0.13	76	2	TWD	36	015 -2.39	015	015			4037	OUTLET	460SI
57	124	0.94	72	P 3	TWD	15	009 -0.78	009	009	WAR		4051	INLET	460SI
58	2	0.54	55	P 3	TWD	10	012 -0.72	012	012	WAR		4066	OUTLET	460SI
		0.83	144	P 3	TWD	15	013 -0.75	013	013	WAR		4064	OUTLET	460SI
		0.73	120	P 3	TWD	13	014 -0.72	014	014	WAR		4064	OUTLET	460SI
58	3	0.69	106	P 3	TWD	12	011 -0.50	011	011	WAR		4064	OUTLET	460SI
		0.29	82	2	VOL		012 +1.01	012	012			4064	OUTLET	460SI
		0.29	82	2	TWD	18	012 +1.01	012	012			4064	OUTLET	460SI
58	4	0.86	35	P 3	TWD	9	011 -0.63	011	011	WAR		4015	OUTLET	460SI
58	9	1.37	11	2	TEA		UTE -0.17	UTE	UTE			2085	INLET	460HR
58	103	0.20	49	2	VOL		008 -5.61	008	008			4042	OUTLET	460SI
		0.08	67	2	SAI		011 -1.53	011	011			4042	OUTLET	460SI
		0.08	67	2	TWD	85	011 -1.53	011	011			4042	OUTLET	460SI
		0.06	44	2	SAI		011 +5.27	011	011			4042	OUTLET	460SI
		0.06	44	2	TWD	94	011 +5.27	011	011			4042	OUTLET	460SI
		0.04	85	2	SAI		011 +7.35	011	011			4042	OUTLET	460SI
		0.04	85	2	TWD	76	011 +7.35	011	011			4042	OUTLET	460SI
		0.08	83	2	SAI		011 +8.48	011	011			4042	OUTLET	460SI
		0.08	83	2	TWD	77	011 +8.48	011	011			4042	OUTLET	460SI
		0.05	90	2	SAI		011 +9.85	011	011			4042	OUTLET	460SI
		0.05	90	2	TWD	74	011 +9.85	011	011			4042	OUTLET	460SI
		0.06	61	2	SAI		011 +14.22	011	011			4042	OUTLET	460SI
		0.06	61	2	TWD	88	011 +14.22	011	011			4042	OUTLET	460SI
		0.08	58	2	SAI		011 +16.43	011	011			4042	OUTLET	460SI
		0.08	58	2	TWD	89	011 +16.43	011	011			4042	OUTLET	460SI
		0.06	47	2	SAI		011 +17.86	011	011			4042	OUTLET	460SI
		0.06	47	2	TWD	93	011 +17.86	011	011			4042	OUTLET	460SI
		0.08	53	2	SAI		011 +18.88	011	011			4042	OUTLET	460SI
		0.08	53	2	TWD	91	011 +18.88	011	011			4042	OUTLET	460SI
		0.09	56	2	SAI		011 +21.11	011	011			4042	OUTLET	460SI
		0.09	56	2	TWD	90	011 +21.11	011	011			4042	OUTLET	460SI
58	109	0.39	90	2	VOL		015 +10.10	015	015			4045	OUTLET	460SI
58	122	1.14	67	P 3	TWD	16	009 -0.62	009	009	WAR		4051	INLET	460SI
58	125	0.41	131	P 3	TWD	9	009 -0.71	009	009	WAR		4051	INLET	460SI
58	126	0.48	87	P 3	TWD	8	011 -0.71	011	011	WAR		4051	INLET	460SI
59	85	0.90	15	2	TEA		UTE -0.25	UTE	UTE			2019	INLET	460HR
59	114	0.07	66	2	VOL		010 -11.44	010	010			4051	INLET	460SI
59	117	0.81	77	P 3	TWD	12	009 -0.74	009	009	WAR		4051	INLET	460SI
59	120	0.48	88	P 3	TWD	11	009 -0.80	009	009	WAR		4051	INLET	460SI
59	121	0.23	85	P 3	TWD	4	010 +0.42	010	010	WAR		4051	INLET	460SI
59	124	0.32	118	P 3	TWD	7	011 -0.67	011	011	WAR		4053	INLET	460SI
60	3	0.45	116	P 3	TWD	8	011 -0.72	011	011	WAR		4064	OUTLET	460SI
60	7	0.53	17	2	TEA		UTE -0.19	UTE	UTE			2085	INLET	460HR
60	68	5.92	174	1	DNT		UTS +11.35	UTE	UTS			4002	INLET	460SI
60	80	0.22	21	P 3	TWD	4	005 +0.61	005	005	WAR		4045	OUTLET	460SI
60	117	4.27	174	1	DNT		003 -3.12	003	003			4051	INLET	460SI
60	122	6.43	166	1	DNT		005 -4.22	005	005			4051	INLET	460SI
60	125	0.76	62	P 3	TWD	11	009 -0.60	009	009	WAR		4051	INLET	460SI
60	126	0.74	101	P 3	TWD	11	009 -0.71	009	009	WAR		4051	INLET	460SI
61	3	0.28	83	P 3	TWD	5	011 -0.62	011	011	WAR		4064	OUTLET	460SI
		0.54	128	P 3	TWD	10	013 -0.76	013	013	WAR		4064	OUTLET	460SI
61	86	1.49	28	2	TEA		UTE -0.22	UTE	UTE			2020	INLET	460HR
		0.22	95	2	VOL		015 +0.93	015	015			4042	OUTLET	460SI
61	98	0.18	45	2	VOL		015 +9.77	015	015			4045	OUTLET	460SI
61	116	0.06	74	2	VOL		015 +14.58	015	015			4051	INLET	460SI
61	121	0.14	85	2	VOL		014 +1.30	014	014			4051	INLET	460SI
62	1	4.75	19	P 1	DRS		UTE -0.94	UTE	UTE	SLV		1004	INLET	400PS
62	8	0.53	118	P 3	TWD	6	010 +0.50	010	010	WAR		4013	OUTLET	460SI
62	9	1.20	13	2	TEA		UTE -0.18	UTE	UTE			2079	INLET	460HR
62	54	0.32	23	2	SAI		UTE -1.19	UTE	UTE	TR		2079	INLET	460HR
		0.32	23	2	TWD	66	UTE -1.19	UTE	UTE			2079	INLET	460HR
62	115	0.29	58	2	VOL		004 -7.51	004	004			4051	INLET	460SI
62	126	0.77	100	P 3	TWD	15	009 -0.70	009	009	WAR		4053	INLET	460SI
63	1	1.96	32	P 1	DRS		UTE -0.84	UTE	UTE	SLV		1004	INLET	400PS
63	4	0.24	86	2	VOL		012 +0.78	012	012			4064	OUTLET	460SI
		0.31	24	2	VOL		012 +1.06	012	012			4064	OUTLET	460SI
		0.24	86	2	TWD	1	012 +0.78	012	012			4064	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.31	24	2	TWD	80	012	+1.06	012	012		4064	OUTLET	460SI
63	61	0.08	27	2	VOL		014	+0.16	014	014		4002	INLET	460SI
63	89	0.12	57	2	VOL		012	+10.72	012	012		4042	OUTLET	460SI
63	94	2.84	352	1	DNT		LTS	+0.27	LTS	LTS		4042	OUTLET	460SI
63	127	1.88	26	2	TEA		UTE	-0.15	UTE	UTE		2073	INLET	460HR
64	2	0.82	97	P 3	TWD	14	011	+0.58	011	011	WAR	4064	OUTLET	460SI
64	3	3.87	22	P 1	DRS		UTE	-0.90	UTE	UTE	SLV	1004	INLET	400PS
64	12	0.93	12	2	TEA		UTE	-0.17	UTE	UTE		2079	INLET	460HR
		0.13	69	2	VOL		UTS	-0.36	UTS	UTS		4015	OUTLET	460SI
64	48	0.24	75	2	VOL		009	-10.72	009	009		4019	OUTLET	460SI
64	126	0.60	92	P 3	TWD	14	009	-0.65	009	009	WAR	4051	INLET	460SI
65	3	0.32	143	P 3	TWD	6	013	-0.71	013	013	WAR	4064	OUTLET	460SI
65	18	0.31	118	2	VOL		004	-0.67	004	004		4013	OUTLET	460SI
65	125	0.92	98	P 3	TWD	13	008	-0.61	008	008	WAR	4051	INLET	460SI
65	126	0.08	81	2	SAI		014	-4.86	014	014		4051	INLET	460SI
		0.08	81	2	TWD	40	014	-4.86	014	014		4051	INLET	460SI
66	3	0.23	52	2	VOL		011	-0.68	011	011		4064	OUTLET	460SI
66	45	0.33	143	2	VOL		006	+0.68	006	006		4017	OUTLET	460SI
66	126	0.63	86	P 3	TWD	10	008	-0.66	008	008	WAR	4061	OUTLET	460SI
		0.78	98	P 3	TWD	8	008	+0.64	008	008	WAR	4061	OUTLET	460SI
67	2	8.63	26	P 1	DRS		UTE	-0.89	UTE	UTE	SLV	1004	INLET	400PS
		0.26	78	2	VOL		011	-0.72	011	011		4064	OUTLET	460SI
67	7	0.34	134	2	VOL		004	-0.71	004	004		4015	OUTLET	460SI
67	11	0.24	118	2	VOL		012	+0.62	012	012		4015	OUTLET	460SI
67	35	1.29	19	2	TEA		UTE	-0.18	UTE	UTE		2079	INLET	460HR
67	37	0.44	110	P 3	TWD	10	009	+0.68	009	009	WAR	4017	OUTLET	460SI
67	68	0.12	54	2	VOL		015	+10.30	015	015		4002	INLET	460SI
67	124	0.76	108	P 3	TWD	14	007	-0.37	007	007	WAR	4053	INLET	460SI
68	2	4.19	22	P 1	DRS		UTE	-0.87	UTE	UTE	SLV	1004	INLET	400PS
		0.37	123	P 3	TWD	6	011	+0.57	011	011	WAR	4064	OUTLET	460SI
		0.32	136	P 3	TWD	6	011	-0.76	011	011	WAR	4064	OUTLET	460SI
68	5	0.54	98	P 3	TWD	10	010	+0.58	010	010	WAR	4064	OUTLET	460SI
68	6	0.26	98	2	VOL		010	+0.59	010	010		4064	OUTLET	460SI
68	11	0.31	14	P 3	TWD	7	010	-0.73	010	010	WAR	4015	OUTLET	460SI
68	12	0.31	65	P 3	TWD	7	010	-0.61	010	010	WAR	4015	OUTLET	460SI
68	13	0.41	22	P 3	TWD	10	010	-0.60	010	010	WAR	4015	OUTLET	460SI
		0.23	57	2	VOL		011	+0.62	011	011		4015	OUTLET	460SI
68	20	0.93	131	P 3	TWD	10	008	-0.67	008	008	WAR	4013	OUTLET	460SI
68	23	1.30	107	P 3	TWD	13	010	-0.71	010	010	WAR	4013	OUTLET	460SI
68	66	0.60	84	P 3	TWD	9	004	+0.79	004	004	WAR	4002	INLET	460SI
68	100	0.25	134	P 3	TWD	5	015	+0.65	015	015	WAR	4045	OUTLET	460SI
68	110	0.37	36	2	VOL		006	+11.32	006	006		4045	OUTLET	460SI
		0.24	58	2	TWD	77	006	+11.32	006	006		4045	OUTLET	460SI
68	117	0.57	52	2	VOL		014	+0.75	014	014		4053	INLET	460SI
		0.56	52	2	TWD	71	014	+0.75	014	014		4053	INLET	460SI
68	127	1.65	26	2	TEA		UTE	-0.17	UTE	UTE		2074	INLET	460HR
		0.29	117	P 3	TWD	6	008	+0.63	008	008	WAR	4053	INLET	460SI
		0.97	59	P 3	TWD	19	008	-0.66	008	008	WAR	4053	INLET	460SI
68	129	0.19	132	P 3	TWD	4	007	+0.58	007	007	WAR	4053	INLET	460SI
68	130	0.45	92	P 3	TWD	9	011	-0.36	011	011	WAR	4053	INLET	460SI
69	6	0.34	90	2	VOL		011	-2.25	011	011		4064	OUTLET	460SI
69	12	0.59	18	P 3	TWD	9	010	-0.54	010	010	WAR	4015	OUTLET	460SI
69	14	0.09	136	2	VOL		UTS	-0.30	UTS	UTS		4015	OUTLET	460SI
69	15	0.37	38	P 3	TWD	6	008	-0.64	008	008	WAR	4015	OUTLET	460SI
		0.16	89	2	VOL		015	+1.60	015	015		4015	OUTLET	460SI
69	41	0.81	70	P 3	TWD	9	008	+0.73	008	008	WAR	4017	OUTLET	460SI
69	43	0.43	141	P 3	TWD	5	006	+0.67	006	006	WAR	4017	OUTLET	460SI
69	44	0.16	192	P 3	TWD	2	006	+0.70	006	006	WAR	4017	OUTLET	460SI
		0.52	40	P 3	TWD	6	009	-0.71	009	009	WAR	4017	OUTLET	460SI
69	46	0.67	24	P 3	TWD	8	006	+0.68	006	006	WAR	4017	OUTLET	460SI
69	74	6.72	150	1	DNT		009	+21.67	010	009		4002	INLET	460SI
69	78	0.16	63	2	SAI		013	+3.27	013	013		4045	OUTLET	460SI
		0.16	63	2	TWD	69	013	+3.27	013	013		4045	OUTLET	460SI
		0.14	65	2	SAI		013	+6.78	013	013		4045	OUTLET	460SI
		0.14	65	2	TWD	65	013	+6.78	013	013		4045	OUTLET	460SI
69	83	1.52	29	2	TEA		UTE	-0.17	UTE	UTE		2023	INLET	460HR
69	118	0.07	21	2	VOL		015	+3.05	015	015		4053	INLET	460SI
70	3	0.53	97	P 3	TWD	10	011	-0.26	011	011	WAR	4064	OUTLET	460SI
		0.29	77	P 3	TWD	5	011	+0.38	011	011	WAR	4064	OUTLET	460SI
70	7	3.21	23	P 1	DRS		UTE	-0.90	UTE	UTE	SLV	1002	INLET	400PS
		5.77	21	P 1	DRS		015	-5.14	015	015	SLV	1002	INLET	400PS
		2.64	22	P 1	DRS		015	-7.26	015	015	SLV	1002	INLET	400PS
		0.56	96	P 3	TWD	10	010	+0.38	010	010	WAR	4064	OUTLET	460SI
70	8	0.50	129	P 3	TWD	9	011	+0.60	011	011	WAR	4064	OUTLET	460SI
		0.35	110	P 3	TWD	6	013	-0.52	013	013	WAR	4064	OUTLET	460SI

TO-1.39

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
70	9	0.51	137	P 3	TWD 9	010	+0.57	010	010	WAR		4064	OUTLET	460SI
70	10	0.74	103	P 3	TWD 11	009	+0.66	009	009	WAR		4015	OUTLET	460SI
70	11	0.20	125	2	VOL	012	-1.45	012	012			4015	OUTLET	460SI
		0.15	126	2	VOL	012	-3.77	012	012			4015	OUTLET	460SI
70	12	0.94	60	P 3	TWD 14	013	-0.70	013	013	WAR		4015	OUTLET	460SI
70	13	0.30	97	2	VOL	011	+36.89	011	012			4015	OUTLET	460SI
		0.25	101	2	VOL	011	+0.76	011	012			4015	OUTLET	460SI
70	18	0.37	0	P 3	TWD 6	015	-0.78	015	015	WAR		906	INLET	460LW
		0.37	40	P 3	TWD 6	015	-0.74	015	015	WAR		4015	OUTLET	460SI
70	22	0.45	96	2	VOL	011	+0.53	011	011			4013	OUTLET	460SI
70	24	1.18	107	P 3	TWD 12	003	+0.16	003	003	WAR		4013	OUTLET	460SI
70	43	1.13	47	P 3	TWD 13	008	+0.69	008	008	WAR		4017	OUTLET	460SI
		0.51	128	P 3	TWD 6	009	-0.74	009	009	WAR		4017	OUTLET	460SI
70	45	0.84	53	P 3	TWD 10	009	-0.68	009	009	WAR		4017	OUTLET	460SI
70	46	0.93	97	P 3	TWD 11	008	-0.67	008	008	WAR		4017	OUTLET	460SI
		0.48	117	P 3	TWD 11	009	+0.62	009	009	WAR		4017	OUTLET	460SI
		0.47	118	P 3	TWD 11	009	-0.72	009	009	WAR		4017	OUTLET	460SI
70	53	0.30	27	P 3	TWD 4	005	+0.63	005	005	WAR		4019	OUTLET	460SI
70	66	0.66	113	P 3	TWD 10	005	+0.50	005	005	WAR		4002	INLET	460SI
70	95	2.88	172	1	DNT	LTE	+1.84	LTE	LTS			4042	OUTLET	460SI
		6.40	176	1	DNT	LTE	+2.47	LTE	LTS			4042	OUTLET	460SI
		6.43	180	1	DNT	LTE	+3.11	LTE	LTS			4042	OUTLET	460SI
		3.51	187	1	DNT	LTE	+3.88	LTE	LTS			4042	OUTLET	460SI
		2.16	179	1	DNT	LTE	+4.56	LTE	LTS			4042	OUTLET	460SI
		3.39	179	1	DNT	LTE	+9.83	LTE	LTS			4042	OUTLET	460SI
		6.93	181	1	DNT	LTE	+2.74	LTE	LTS			4042	OUTLET	460SI
70	124	0.25	72	2	VOL	003	-4.54	003	003			4053	INLET	460SI
		0.08	42	2	VOL	002	+9.77	002	002			4053	INLET	460SI
70	128	0.73	75	P 3	TWD 15	008	-0.64	008	008	WAR		4053	INLET	460SI
71	1	7.84	25	P 1	DRS	UTE	-0.92	UTE	UTE	SLV		1004	INLET	400PS
		2.71	22	P 1	DRS	015	-7.08	015	015	SLV		1004	INLET	400PS
71	3	2.07	16	P 1	DRS	UTE	-0.90	UTE	UTE	SLV		1003	INLET	400PS
71	9	0.81	119	P 3	TWD 14	011	+0.73	011	011	WAR		4064	OUTLET	460SI
71	12	0.19	48	2	VOL	014	-0.64	014	014			4015	OUTLET	460SI
71	13	0.52	130	P 3	TWD 8	010	+0.55	010	010	WAR		4015	OUTLET	460SI
		0.59	60	P 3	TWD 9	014	-0.68	014	014	WAR		4015	OUTLET	460SI
71	14	1.45	0	P 3	TWD 14	015	-0.78	015	015	WAR		905	INLET	460LW
		0.70	26	P 3	TWD 11	015	-0.68	015	015	WAR		4015	OUTLET	460SI
71	15	0.54	24	P 3	TWD 6	014	-0.69	014	014	WAR		4015	OUTLET	460SI
71	17	1.31	74	P 3	TWD 14	015	-0.71	015	015	WAR		905	INLET	460LW
		1.42	63	P 3	TWD 14	015	-0.69	015	015	WAR		4015	OUTLET	460SI
71	18	0.24	10	P 3	TWD 4	008	+0.71	008	008	WAR		4015	OUTLET	460SI
71	21	0.22	89	2	VOL	012	+2.36	012	012			4013	OUTLET	460SI
71	23	0.34	128	2	VOL	011	+0.59	011	011			4013	OUTLET	460SI
71	28	0.38	129	2	VOL	012	+0.50	012	012			4017	OUTLET	460SI
		0.38	152	2	VOL	013	+0.65	013	013			4017	OUTLET	460SI
71	30	0.32	145	2	VOL	012	+0.47	012	012			4017	OUTLET	460SI
71	33	0.70	88	P 3	TWD 8	012	+0.64	012	012	WAR		4017	OUTLET	460SI
71	36	0.33	122	2	VOL	011	+0.54	011	011			4017	OUTLET	460SI
71	45	0.37	60	P 3	TWD 5	008	+0.56	008	008	WAR		4019	OUTLET	460SI
71	46	0.50	59	P 3	TWD 6	006	+0.68	006	006	WAR		4019	OUTLET	460SI
		0.43	34	P 3	TWD 5	007	-0.64	007	007	WAR		4019	OUTLET	460SI
		0.88	76	P 3	TWD 10	008	-0.73	008	008	WAR		4019	OUTLET	460SI
71	48	0.62	82	P 3	TWD 7	009	-0.66	009	009	WAR		4019	OUTLET	460SI
71	54	0.42	136	P 3	TWD 5	005	+0.57	005	005	WAR		4019	OUTLET	460SI
71	71	0.10	56	2	VOL	010	+24.12	011	010			4002	INLET	460SI
71	95	2.14	188	1	DNT	UTS	-14.24	UTS	UTS			4045	OUTLET	460SI
71	96	0.14	78	2	SAI	013	+14.73	013	013			4045	OUTLET	460SI
		0.14	78	2	TWD 25	013	+14.73	013	013			4045	OUTLET	460SI
71	101	0.27	62	2	VOL	011	-4.41	011	011			4045	OUTLET	460SI
71	106	11.66	170	1	DNT	005	-1.83	005	005			4045	OUTLET	460SI
		13.67	173	1	DNT	005	-5.99	005	005			4045	OUTLET	460SI
71	119	0.07	44	2	VOL	001	+8.68	001	001			4053	INLET	460SI
71	131	0.33	41	2	VOL	015	-1.86	015	015			4053	INLET	460SI
72	1	3.22	21	P 1	DRS	UTE	-0.87	UTE	UTE	SLV		1004	INLET	400PS
		3.04	24	P 1	DRS	015	-4.80	015	015	SLV		1004	INLET	400PS
		3.05	20	P 1	DRS	015	-7.03	015	015	SLV		1004	INLET	400PS
72	7	3.15	24	P 1	DRS	UTE	-0.91	UTE	UTE	SLV		1002	INLET	400PS
72	8	2.66	21	P 1	DRS	UTE	-0.90	UTE	UTE	SLV		1002	INLET	400PS
72	13	0.33	154	P 3	TWD 6	014	+0.66	014	014	WAR		4064	OUTLET	460SI
72	24	0.71	122	P 3	TWD 7	015	+0.67	015	015	WAR		4013	OUTLET	460SI
		0.66	121	P 3	TWD 4	015	+0.64	015	015	WAR		903	INLET	460LW
72	25	0.98	67	P 3	TWD 10	013	+0.64	013	013	WAR		4013	OUTLET	460SI
72	31	0.40	128	2	VOL	012	+0.24	012	012			4017	OUTLET	460SI
72	34	0.41	0	P 3	TWD 6	015	-0.42	015	015	WAR		902	INLET	460LW

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
72	35	0.63	108	P 3	TWD 7	015	-0.45	015	015	WAR		4017	OUTLET	460SI
		0.42	0	P 3	TWD 6	015	-0.57	015	015	WAR		902	INLET	460LW
		0.75	67	P 3	TWD 9	015	-0.56	015	015	WAR		4017	OUTLET	460SI
72	39	0.74	62	P 3	TWD 8	012	+0.51	012	012	WAR		4017	OUTLET	460SI
72	53	0.38	83	P 3	TWD 5	005	-0.64	005	005	WAR		4019	OUTLET	460SI
		0.39	99	P 3	TWD 5	007	-0.72	007	007	WAR		4019	OUTLET	460SI
72	64	0.41	37	P 3	TWD 6	003	+0.57	003	003	WAR		4002	INLET	460SI
72	69	2.96	11	1	DNT	002	+23.21	003	002			4002	INLET	460SI
72	72	0.10	70	2	VOL	007	+28.26	008	007			4002	INLET	460SI
		0.10	71	2	TWD 46	007	+28.26	007	007			4002	INLET	460SI
		0.04	79	2	VOL	008	+16.07	009	008			4002	INLET	460SI
		0.09	111	2	VOL	008	+18.06	009	008			4002	INLET	460SI
		0.10	76	2	VOL	008	+35.64	009	008			4002	INLET	460SI
		0.04	79	2	TWD 39	008	+16.07	009	008			4002	INLET	460SI
		0.09	111	2	TWD 13	008	+18.06	009	008			4002	INLET	460SI
		0.10	76	2	TWD 42	008	+35.64	009	008			4002	INLET	460SI
		0.13	65	2	VOL	009	+1.29	010	009			4002	INLET	460SI
		0.10	66	2	VOL	009	+6.18	010	009			4002	INLET	460SI
		0.11	67	2	VOL	009	+12.06	010	009			4002	INLET	460SI
		0.12	67	2	TWD 50	009	+1.29	010	009			4002	INLET	460SI
		0.11	66	2	TWD 51	009	+6.18	010	009			4002	INLET	460SI
		0.11	67	2	TWD 50	009	+12.06	010	009			4002	INLET	460SI
72	79	0.07	36	2	VOL	015	-5.43	015	015			4045	OUTLET	460SI
72	101	1.10	46	2	TEA	UTE	-0.28	UTE	UTE			2023	INLET	460HR
72	127	0.62	86	P 3	TWD 13	008	-0.83	008	008	WAR		4053	INLET	460SI
73	2	1.27	11	P 1	DRS	UTE	-0.78	UTE	UTE	SLV		1004	INLET	400PS
73	4	0.88	25	P 1	DRS	UTE	-0.73	UTE	UTE	SLV		1015	INLET	400PS
		0.83	101	P 3	TWD 14	013	-0.44	013	013	WAR		4064	OUTLET	460SI
73	5	0.67	68	P 3	TWD 12	014	-0.85	014	014	WAR		4064	OUTLET	460SI
73	7	1.69	21	P 1	DRS	UTE	-0.91	UTE	UTE	SLV		1002	INLET	400PS
73	8	2.00	27	P 1	DRS	UTE	-0.86	UTE	UTE	SLV		1002	INLET	400PS
		2.17	44	P 1	VOL	015	-0.07	015	015	SLV		1002	INLET	400PS
73	35	0.84	18	2	TEA	UTE	-0.18	UTE	UTE			2080	INLET	460HR
73	46	0.30	41	P 3	TWD 4	010	+0.59	010	010	WAR		4019	OUTLET	460SI
73	48	0.28	143	P 3	TWD 3	009	+0.52	009	009	WAR		4019	OUTLET	460SI
73	65	0.14	101	2	VOL	014	+6.11	015	014			4002	INLET	460SI
73	66	0.15	55	2	VOL	LTS	+31.21	001	LTS			4002	INLET	460SI
		0.20	60	2	TWD 57	LTS	+31.21	001	LTS			4002	INLET	460SI
73	94	1.49	180	1	DNT	LTE	+5.79	LTE	LTS			4045	OUTLET	460SI
73	98	0.14	53	2	VOL	001	-6.96	001	001			4045	OUTLET	460SI
73	120	0.09	47	2	VOL	015	-13.24	015	015			4053	INLET	460SI
73	129	2.52	25	2	TEA	UTE	-0.21	UTE	UTE			2074	INLET	460HR
74	1	8.27	27	P 1	DRS	UTE	-0.91	UTE	UTE	SLV		1004	INLET	400PS
74	3	4.27	28	P 1	DRS	UTE	-1.01	UTE	UTE	SLV		1003	INLET	400PS
		4.38	346	1	DNT	LTS	-12.41	LTS	LTS			4064	OUTLET	460SI
74	5	4.09	26	P 1	DRS	UTE	-0.87	UTE	UTE	SLV		1002	INLET	400PS
74	6	2.25	27	P 1	DRS	UTE	-0.91	UTE	UTE	SLV		1002	INLET	400PS
74	7	2.79	25	P 1	DRS	UTE	-0.88	UTE	UTE	SLV		1002	INLET	400PS
74	11	1.98	20	P 1	DRS	UTE	-0.87	UTE	UTE	SLV		1002	INLET	400PS
74	19	0.20	145	P 3	TWD 3	009	-0.25	009	009	WAR		4064	OUTLET	460SI
74	23	4.07	28	P 1	MAI	015	-3.91	015	015	SLV		1001	INLET	400PS
		4.07	28	P 1	TWD 53	015	-3.91	015	015			1001	INLET	400PS
		1.69	29	P 1	SAI	015	-5.75	015	015	SLV		1001	INLET	400PS
		1.69	29	P 1	TWD 56	015	-5.75	015	015			1001	INLET	400PS
74	29	1.82	22	P 1	DRS	UTE	-0.94	UTE	UTE			1001	INLET	400PS
74	48	0.17	81	2	VOL	001	+16.84	001	001			4019	OUTLET	460SI
74	59	3.35	155	1	DNT	LTE	+5.63	LTS	LTE			4002	INLET	460SI
74	91	2.10	179	1	DNT	LTS	+0.20	LTS	LTS			4045	OUTLET	460SI
74	112	0.06	46	2	VOL	012	-8.29	012	012			4053	INLET	460SI
74	117	5.79	156	1	DNT	LTS	-12.91	LTS	LTS			4053	INLET	460SI
74	125	0.76	130	P 3	TWD 15	010	+0.52	010	010	WAR		4053	INLET	460SI
		4.79	340	1	DNT	LTS	-12.85	LTS	LTS			4053	INLET	460SI
75	1	4.67	26	P 1	DRS	UTE	-0.92	UTE	UTE	SLV		1004	INLET	400PS
75	4	4.77	21	P 1	DRS	UTE	-0.95	UTE	UTE	SLV		1003	INLET	400PS
		7.78	177	1	DNT	LTS	-13.02	LTS	LTS			4064	OUTLET	460SI
75	8	2.07	25	P 1	DRS	UTE	-0.89	UTE	UTE	SLV		1002	INLET	400PS
75	9	3.93	25	P 1	DRS	UTE	-0.87	UTE	UTE	SLV		1002	INLET	400PS
		4.13	20	P 1	DRS	015	-4.93	015	015	SLV		1002	INLET	400PS
75	46	5.47	168	1	DNT	LTS	-0.13	LTS	LTS			4019	OUTLET	460SI
		4.75	181	1	DNT	LTS	+3.71	LTS	LTS			4019	OUTLET	460SI
		8.68	172	1	DNT	LTS	+8.62	LTS	LTS			4019	OUTLET	460SI
75	65	2.34	23	2	TEA	UTE	-0.23	UTE	UTE			2003	INLET	460HR
75	101	0.10	62	2	VOL	012	+3.27	012	012			4045	OUTLET	460SI
75	112	0.13	73	2	VOL	010	+2.20	010	010			4053	INLET	460SI
75	117	3.83	161	1	DNT	LTS	-13.00	LTS	LTS			4053	INLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
75	119	0.21	121	2	VOL		014	+0.93	014	014		4053	INLET	460SI
		0.18	78	2	VOL		014	+0.83	014	014		4053	INLET	460SI
		6.61	349	1	DNT		LTS	-13.48	LTS	LTS		4053	INLET	460SI
75	123	0.31	76	2	VOL		009	-0.58	009	009		4053	INLET	460SI
75	126	0.38	70	2	VOL		015	+22.62	015	015		4053	INLET	460SI
		0.16	81	2	VOL		013	+1.12	013	013		4053	INLET	460SI
76	87	0.17	67	2	VOL		001	-6.08	001	001		4045	OUTLET	460SI
76	116	3.41	339	1	DNT		LTS	-13.25	LTS	LTS		4053	INLET	460SI
		5.99	339	1	DNT		UTS	+12.43	UTE	UTS		4053	INLET	460SI
76	117	3.18	150	1	DNT		LTS	-13.19	LTS	LTS		4053	INLET	460SI
		5.63	163	1	DNT		UTS	+12.35	UTE	UTS		4053	INLET	460SI
76	123	0.82	119	P 3	TWD	15	010	+0.46	010	010	WAR	4053	INLET	460SI
77	1	2.38	16	P 1	DRS		UTE	-0.78	UTE	UTE	SLV	1007	INLET	400PS
		12.21	180	1	DNT		LTS	+0.79	LTS	LTS		4063	OUTLET	460SI
77	2	4.37	182	1	DNT		LTS	-13.10	LTS	LTS		4063	OUTLET	460SI
77	7	1.68	23	P 1	DRS		UTE	-0.72	UTE	UTE	SLV	1006	INLET	400PS
77	8	2.34	20	P 1	DRS		UTE	-0.80	UTE	UTE	SLV	1006	INLET	400PS
77	9	2.27	26	P 1	DRS		UTE	-0.80	UTE	UTE	SLV	1006	INLET	400PS
		9.76	172	1	DNT		LTS	+2.30	LTS	LTS		4063	OUTLET	460SI
		8.65	172	1	DNT		LTS	+2.63	LTS	LTS		4063	OUTLET	460SI
77	72	0.07	96	2	SAI		012	+23.16	013	012		4003	INLET	460SI
		0.07	96	2	TWD	34	012	+23.16	013	012		4003	INLET	460SI
		0.14	75	2	SAI		012	+21.22	013	012		4003	INLET	460SI
		0.14	75	2	TWD	53	012	+21.22	013	012		4003	INLET	460SI
		0.10	65	2	SAI		012	+18.83	013	012		4003	INLET	460SI
		0.10	65	2	TWD	69	012	+18.83	013	012		4003	INLET	460SI
		0.09	70	2	SAI		012	+13.58	013	012		4003	INLET	460SI
		0.09	70	2	TWD	61	012	+13.58	013	012		4003	INLET	460SI
		0.07	61	2	SAI		012	+10.82	013	012		4003	INLET	460SI
		0.07	61	2	TWD	74	012	+10.82	013	012		4003	INLET	460SI
77	112	0.12	69	2	VOL		013	-6.35	013	013		4026	OUTLET	460SI
77	115	0.07	98	2	VOL		014	+1.36	014	014		4026	OUTLET	460SI
		0.32	41	2	TWD	81	014	+1.36	014	014		4026	OUTLET	460SI
77	119	0.20	80	2	VOL		014	+1.06	014	014		4026	OUTLET	460SI
		0.22	94	2	TWD	14	014	+1.06	014	014		4026	OUTLET	460SI
77	125	0.78	95	P 3	TWD	11	009	+0.07	009	009	WAR	4028	OUTLET	460SI
78	2	5.08	14	P 1	DRS		UTE	-0.85	UTE	UTE	SLV	1007	INLET	400PS
		7.67	182	1	DNT		LTS	-13.35	LTS	LTS		4063	OUTLET	460SI
78	6	3.08	20	P 1	DRS		UTE	-0.82	UTE	UTE	SLV	1006	INLET	400PS
78	9	2.54	21	P 1	DRS		UTE	-0.81	UTE	UTE	SLV	1006	INLET	400PS
78	11	0.11	55	2	VOL		006	-4.37	006	006		4063	OUTLET	460SI
78	12	4.10	171	1	DNT		013	-8.07	013	013		4063	OUTLET	460SI
78	15	2.05	22	P 1	DRS		UTE	-0.81	UTE	UTE	SLV	1012	INLET	400PS
78	16	1.44	25	P 1	DRS		UTE	-0.84	UTE	UTE	SLV	1012	INLET	400PS
78	26	4.18	17	P 1	DRS		UTE	-0.77	UTE	UTE	SLV	1014	INLET	400PS
78	28	1.98	25	P 1	DRS		015	-6.47	015	015	SLV	1014	INLET	400PS
		1.91	23	P 1	DRS		015	-4.37	015	015	SLV	1014	INLET	400PS
78	29	2.72	19	P 1	DRS		015	-4.60	015	015	SLV	1014	INLET	400PS
78	61	2.25	26	2	TEA		UTE	-0.19	UTE	UTE		2004	INLET	460HR
78	81	0.89	22	2	TEA		UTE	-0.29	UTE	UTE		2025	INLET	460HR
78	91	0.13	74	2	SAI		010	-15.08	010	010		4023	OUTLET	460SI
		0.13	74	2	TWD	46	010	-15.08	010	010		4023	OUTLET	460SI
78	101	0.49	89	2	VOL		014	+1.32	014	014		4023	OUTLET	460SI
78	102	1.38	162	1	DNT		LTS	-14.51	LTS	LTS		4023	OUTLET	460SI
78	116	0.12	72	2	VOL		014	+1.53	014	014		4026	OUTLET	460SI
78	117	0.08	129	2	VOL		UTS	+0.69	UTS	UTS		4043	OUTLET	460SI
78	120	0.18	92	2	VOL		014	+1.16	014	014		4026	OUTLET	460SI
		0.19	92	2	TWD	17	014	+1.16	014	014		4026	OUTLET	460SI
78	121	0.13	110	2	VOL		014	+0.88	014	014		4026	OUTLET	460SI
		0.09	82	2	TWD	30	014	+0.88	014	014		4026	OUTLET	460SI
78	125	0.50	42	P 3	TWD	7	008	-0.48	008	008	WAR	4028	OUTLET	460SI
		5.99	195	1	DNT		009	-0.26	009	009		4028	OUTLET	460SI
79	1	2.52	36	2	PVN		UTE	-1.52	UTE	UTE		1007	INLET	400PS
79	3	2.45	7	P 1	DRS		UTE	-0.95	UTE	UTE	SLV	1007	INLET	400PS
79	4	0.77	102	P 1	VOL		UTE	-0.83	UTE	UTE	SLV	1007	INLET	400PS
		0.39	155	2	VOL		014	+0.81	014	014		4063	OUTLET	460SI
		0.17	83	2	VOL		014	-0.65	014	014		4063	OUTLET	460SI
		4.74	169	1	DNT		LTE	+10.54	LTE	LTS		4066	OUTLET	460SI
79	6	3.70	19	P 1	DRS		UTE	-0.72	UTE	UTE	SLV	1006	INLET	400PS
		4.01	176	1	DNT		LTS	-13.10	LTS	LTS		4063	OUTLET	460SI
		0.50	64	2	VOL		012	-0.53	012	012		4063	OUTLET	460SI
		0.78	115	P 3	TWD	13	013	-0.75	013	013	WAR	4063	OUTLET	460SI
		1.20	106	P 3	TWD	19	014	-0.66	014	014	WAR	4063	OUTLET	460SI
79	8	2.45	19	P 1	DRS		UTE	-0.80	UTE	UTE	SLV	1006	INLET	400PS
		2.23	19	P 1	DRS		UTE	-0.79	UTE	UTE	IDOK	1012	INLET	400PS

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
79	9	3.70	23	P 1	DRS		UTE	-0.79	UTE	UTE	SLV	1006	INLET	400PS
79	12	2.56	18	P 1	DRS		UTE	-0.85	UTE	UTE	SLV	1011	INLET	400PS
		15.19	176	1	DNT		014	+0.35	014	014		4063	OUTLET	460SI
79	16	15.33	10	1	DNT		014	+0.25	014	014		4063	OUTLET	460SI
79	45	0.17	72	2	SAI		015	+16.87	015	015		4047	INLET	460SI
		0.17	72	2	TWD	57	015	+16.87	015	015		4047	INLET	460SI
		0.15	61	2	SAI		015	+17.27	015	015		4047	INLET	460SI
		0.15	61	2	TWD	73	015	+17.27	015	015		4047	INLET	460SI
79	49	0.27	153	P 3	TWD	6	009	-0.71	009	009	WAR	4047	INLET	460SI
79	62	0.95	23	2	TEA		UTE	-0.19	UTE	UTE		2004	INLET	460HR
		0.14	79	2	SAI		015	+41.06	UTS	015		4003	INLET	460SI
		0.14	79	2	TWD	44	015	+41.06	UTS	015		4003	INLET	460SI
79	82	0.19	81	2	SAI		010	-3.76	010	010		4023	OUTLET	460SI
		0.19	81	2	TWD	39	010	-3.76	010	010		4023	OUTLET	460SI
79	88	3.30	177	1	DNT		006	+17.87	006	006		4023	OUTLET	460SI
79	95	0.04	111	2	SAI		010	+11.07	010	010		4023	OUTLET	460SI
		0.04	111	2	TWD	12	010	+11.07	010	010		4023	OUTLET	460SI
79	104	7.04	170	1	DNT		003	-4.22	003	003		4024	OUTLET	460SI
79	114	0.11	72	2	VOL		001	-13.65	001	001		4026	OUTLET	460SI
79	117	0.43	67	2	VOL		007	-11.80	007	007		4026	OUTLET	460SI
79	118	0.29	25	2	VOL		015	+0.50	015	015		4024	OUTLET	460SI
79	123	0.10	77	2	SAI		015	-14.26	015	015		4024	OUTLET	460SI
		0.10	77	2	TWD	17	015	-14.26	015	015		4024	OUTLET	460SI
		0.12	75	2	SAI		015	-7.32	015	015		4024	OUTLET	460SI
		0.12	75	2	TWD	25	015	-7.32	015	015		4024	OUTLET	460SI
		0.10	103	2	SAI		015	-4.59	015	015		4024	OUTLET	460SI
		0.10	103	2	TWD	1	015	-4.59	015	015		4024	OUTLET	460SI
79	127	0.59	106	2	VOL		014	+0.68	014	014		4024	OUTLET	460SI
80	1	5.73	18	P 1	DRS		UTE	-0.81	UTE	UTE	SLV	1007	INLET	400PS
80	2	3.64	20	P 1	DRS		UTE	-0.86	UTE	UTE	SLV	1007	INLET	400PS
		0.23	35	2	SAI		012	-7.53	012	012		4063	OUTLET	460SI
		0.23	35	2	TWD	93	012	-7.53	012	012		4063	OUTLET	460SI
80	5	1.15	70	P 3	TWD	19	012	-0.72	012	012	WAR	4063	OUTLET	460SI
		0.55	133	P 3	TWD	9	014	+0.59	014	014	WAR	4063	OUTLET	460SI
80	8	3.10	31	P 1	DRS		UTE	-0.82	UTE	UTE	SLV	1007	INLET	400PS
		0.38	139	2	VOL		004	-0.69	004	004		4063	OUTLET	460SI
80	9	0.29	57	P 3	TWD	5	014	-0.72	014	014	WAR	4063	OUTLET	460SI
80	10	0.25	92	2	VOL		014	-0.72	014	014		4063	OUTLET	460SI
80	12	0.69	126	P 3	TWD	12	014	-0.56	014	014	WAR	4063	OUTLET	460SI
80	13	0.18	77	2	VOL		012	+0.53	012	012		4063	OUTLET	460SI
		1.19	114	P 3	TWD	19	014	-0.47	014	014	WAR	4063	OUTLET	460SI
80	18	0.36	62	P 3	TWD	7	014	+0.55	014	014	WAR	4063	OUTLET	460SI
80	26	0.85	126	1	VOL		015	+17.41	015	015		4041	INLET	460SI
80	27	0.38	48	2	SAI		UTS	-0.05	UTS	UTS		903	INLET	460LW
		0.38	48	2	TWD	93	UTS	-0.05	UTS	UTS		903	INLET	460LW
80	29	0.40	116	P 3	TWD	10	015	+0.69	015	015	WAR	4041	INLET	460SI
		0.34	89	2	VOL		015	+16.36	015	015		4041	INLET	460SI
		0.50	143	P 3	TWD	8	015	+0.68	015	015	WAR	903	INLET	460LW
80	36	0.31	87	2	VOL		015	+13.28	015	015		4047	INLET	460SI
80	37	0.43	140	P 3	TWD	9	014	+0.71	014	014	WAR	4047	INLET	460SI
		0.31	157	P 3	TWD	7	014	-0.14	014	014	WAR	4047	INLET	460SI
		0.38	154	P 3	TWD	9	014	-0.60	014	014	WAR	4047	INLET	460SI
80	39	1.28	101	1	VOL		015	+14.73	015	015		4047	INLET	460SI
80	40	0.21	98	2	VOL		015	+15.32	015	015		4047	INLET	460SI
80	42	0.41	146	P 3	TWD	9	014	-0.70	014	014	WAR	4047	INLET	460SI
80	48	0.28	164	P 3	TWD	6	009	-0.69	009	009	WAR	4047	INLET	460SI
80	49	0.33	157	P 3	TWD	7	009	-0.68	009	009	WAR	4047	INLET	460SI
80	50	0.46	131	P 3	TWD	10	009	-0.64	009	009	WAR	4047	INLET	460SI
80	85	0.11	99	2	SAI		010	+1.06	010	010		4023	OUTLET	460SI
		0.11	99	2	TWD	22	010	+1.06	010	010		4023	OUTLET	460SI
80	97	3.68	173	1	DNT		LTS	+0.04	LTS	LTS		4023	OUTLET	460SI
80	122	1.17	18	2	TEA		UTE	-0.17	UTE	UTE		2070	INLET	460HR
80	130	0.33	146	P 3	TWD	5	010	+0.55	010	010	WAR	4028	OUTLET	460SI
81	4	1.13	30	P 1	DRS		UTE	-0.82	UTE	UTE	SLV	1007	INLET	400PS
		0.34	101	P 3	TWD	6	012	-0.55	012	012	WAR	4063	OUTLET	460SI
		1.68	121	P 3	TWD	25	013	-0.61	013	013	WAR	4063	OUTLET	460SI
81	5	1.16	105	1	VOL		011	-1.96	011	011		4063	OUTLET	460SI
81	6	1.39	13	P 1	DRS		UTE	-0.84	UTE	UTE	SLV	1007	INLET	400PS
		1.13	118	P 3	TWD	18	012	-0.63	012	012	WAR	4063	OUTLET	460SI
		0.57	123	P 3	TWD	10	013	+0.55	013	013	WAR	4063	OUTLET	460SI
81	7	3.62	19	P 1	DRS		UTE	-0.80	UTE	UTE	SLV	1007	INLET	400PS
81	9	0.48	90	P 3	TWD	9	013	-0.73	013	013	WAR	4063	OUTLET	460SI
		0.29	54	P 3	TWD	5	014	-0.63	014	014	WAR	4063	OUTLET	460SI
81	10	0.58	70	P 3	TWD	10	013	-0.77	013	013	WAR	4063	OUTLET	460SI
81	11	0.48	118	P 3	TWD	8	013	-0.76	013	013	WAR	4063	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
81	14	0.33	59	2	VOL		013	-0.67	013	013		4041	INLET	460SI
81	16	0.09	97	2	VOL		UTS	+0.04	UTS	UTS		4041	INLET	460SI
81	27	0.42	36	2	SAI		UTS	-0.07	UTS	UTS		903	INLET	460LW
		0.43	37	2	TWD	99	UTS	-0.07	UTS	UTS		903	INLET	460LW
		0.27	141	P 3	TWD	5	015	-0.85	015	015	WAR	903	INLET	460LW
81	30	0.15	125	2	VOL		015	+0.58	015	015		4041	INLET	460SI
81	37	0.34	139	P 3	TWD	8	014	+0.73	014	014	WAR	4047	INLET	460SI
81	40	0.49	138	P 3	TWD	11	010	+0.47	010	010	WAR	4047	INLET	460SI
		0.43	123	P 3	TWD	8	010	-0.71	010	010	WAR	4047	INLET	460SI
81	42	0.41	135	P 3	TWD	9	009	-0.67	009	009	WAR	4047	INLET	460SI
81	45	0.18	167	P 3	TWD	4	010	+0.58	010	010	WAR	4047	INLET	460SI
81	46	0.36	164	P 3	TWD	8	009	-0.75	009	009	WAR	4047	INLET	460SI
		0.26	151	P 3	TWD	6	009	+0.40	009	009	WAR	4047	INLET	460SI
81	47	0.39	159	P 3	TWD	9	009	-0.75	009	009	WAR	4047	INLET	460SI
81	48	0.56	141	P 3	TWD	12	009	-0.74	009	009	WAR	4047	INLET	460SI
81	54	0.51	109	P 3	TWD	11	008	-0.60	008	008	WAR	4047	INLET	460SI
81	55	0.38	141	P 3	TWD	8	009	-0.70	009	009	WAR	4047	INLET	460SI
		0.35	117	P 3	TWD	8	008	-0.64	008	008	WAR	4047	INLET	460SI
		0.63	147	P 3	TWD	13	008	+0.61	008	008	WAR	4047	INLET	460SI
		0.29	137	P 3	TWD	7	007	-0.61	007	007	WAR	4047	INLET	460SI
81	56	0.21	153	P 3	TWD	5	009	-0.72	009	009	WAR	4047	INLET	460SI
		0.42	23	P 3	TWD	8	008	-0.73	008	008	WAR	4047	INLET	460SI
		0.40	156	P 3	TWD	9	008	+0.72	008	008	WAR	4047	INLET	460SI
		0.45	81	P 3	TWD	9	007	+0.56	007	007	WAR	4047	INLET	460SI
		0.42	105	P 3	TWD	9	007	-0.62	007	007	WAR	4047	INLET	460SI
		0.34	161	P 3	TWD	8	005	+0.66	005	005	WAR	4047	INLET	460SI
81	57	0.45	151	P 3	TWD	10	005	+0.58	005	005	WAR	4047	INLET	460SI
81	59	1.64	55	P 3	TWD	16	005	+0.63	005	005	WAR	4003	INLET	460SI
81	93	0.20	85	2	VOL		014	+1.14	014	014		4023	OUTLET	460SI
81	103	0.17	77	2	SAI		UTS	-19.65	UTS	UTS		4024	OUTLET	460SI
		0.17	77	2	TWD	17	UTS	-19.65	UTS	UTS		4024	OUTLET	460SI
81	119	1.57	17	2	TEA		UTE	-0.19	UTE	UTE		2070	INLET	460HR
81	120	0.44	90	P 3	TWD	7	014	+0.73	014	014	WAR	4024	OUTLET	460SI
81	130	0.12	93	2	VOL		013	+1.15	013	013		4028	OUTLET	460SI
		0.13	44	2	VOL		013	+0.87	013	013		4028	OUTLET	460SI
81	131	0.08	68	2	VOL		015	+14.52	015	015		4028	OUTLET	460SI
		0.09	71	2	VOL		015	+10.63	015	015		4028	OUTLET	460SI
		0.08	103	2	VOL		UTS	-17.00	UTS	UTS		4028	OUTLET	460SI
		0.11	68	2	VOL		UTS	-17.18	UTS	UTS		4028	OUTLET	460SI
82	1	6.07	15	P 1	DRS		UTE	-0.76	UTE	UTE	SLV	1007	INLET	400PS
82	4	1.96	22	P 1	DRS		UTE	-0.86	UTE	UTE	SLV	1006	INLET	400PS
82	5	3.84	20	P 1	DRS		UTE	-0.69	UTE	UTE	SLV	1007	INLET	400PS
82	6	2.19	18	P 1	DRS		UTE	-0.82	UTE	UTE	SLV	1007	INLET	400PS
		0.57	89	P 3	TWD	10	010	+0.03	010	010	WAR	4063	OUTLET	460SI
		0.23	97	2	VOL		011	+1.17	011	011		4063	OUTLET	460SI
82	9	0.78	111	P 3	TWD	13	011	+0.63	011	011	WAR	4063	OUTLET	460SI
		0.32	154	P 3	TWD	5	013	+0.69	013	013	WAR	4063	OUTLET	460SI
82	32	0.38	72	P 3	TWD	8	010	+0.67	010	010	WAR	4047	INLET	460SI
82	33	0.37	115	P 3	TWD	8	010	+0.40	010	010	WAR	4047	INLET	460SI
82	40	0.35	150	P 3	TWD	8	010	+0.33	010	010	WAR	4047	INLET	460SI
82	41	0.18	154	P 3	TWD	4	010	+0.60	010	010	WAR	4047	INLET	460SI
		0.26	156	P 3	TWD	6	008	+0.71	008	008	WAR	4047	INLET	460SI
		0.18	53	P 3	TWD	4	008	-0.71	008	008	WAR	4047	INLET	460SI
82	42	0.47	61	P 3	TWD	10	009	-0.64	009	009	WAR	4047	INLET	460SI
82	43	0.21	161	P 3	TWD	5	010	+0.77	010	010	WAR	4047	INLET	460SI
		0.39	157	P 3	TWD	9	009	-0.63	009	009	WAR	4047	INLET	460SI
		0.12	149	P 3	TWD	3	007	-0.72	007	007	WAR	4047	INLET	460SI
82	44	0.33	120	P 3	TWD	7	010	+0.68	010	010	WAR	4047	INLET	460SI
		0.29	150	P 3	TWD	7	008	-0.65	008	008	WAR	4047	INLET	460SI
		0.18	88	P 3	TWD	4	008	+0.65	008	008	WAR	4047	INLET	460SI
82	46	0.80	98	P 3	TWD	16	009	-0.67	009	009	WAR	4047	INLET	460SI
82	83	0.13	69	2	VOL		LTS	+15.16	LTS	LTS		4023	OUTLET	460SI
		0.09	105	2	SAI		011	+7.32	011	011		4023	OUTLET	460SI
		0.09	105	2	TWD	17	011	+7.32	011	011		4023	OUTLET	460SI
82	123	0.11	68	2	SAI		015	-6.03	015	015		4024	OUTLET	460SI
		0.11	68	2	TWD	48	015	-6.03	015	015		4024	OUTLET	460SI
		0.10	56	2	SAI		015	-5.04	015	015		4024	OUTLET	460SI
		0.10	56	2	TWD	73	015	-5.04	015	015		4024	OUTLET	460SI
		0.11	70	2	SAI		015	-3.62	015	015		4024	OUTLET	460SI
		0.11	70	2	TWD	42	015	-3.62	015	015		4024	OUTLET	460SI
		0.09	73	2	SAI		015	-2.98	015	015		4024	OUTLET	460SI
		0.09	73	2	TWD	32	015	-2.98	015	015		4024	OUTLET	460SI
		0.14	69	2	SAI		015	-6.58	015	015		4024	OUTLET	460SI
		0.14	69	2	TWD	45	015	-6.58	015	015		4024	OUTLET	460SI
		0.11	101	2	SAI		015	-13.90	015	015		4024	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.11	101	2	TWD	1	015	-13.90	015	015		4024	OUTLET	460SI
82	125	0.65	113	P 3	TWD	10	014	+0.73	014	014	WAR	4024	OUTLET	460SI
83	1	6.71	16	P 1	DRS		UTE	-0.82	UTE	UTE	SLV	1007	INLET	400PS
83	2	4.01	27	P 1	DRS		UTE	-0.81	UTE	UTE	SLV	1007	INLET	400PS
83	8	1.71	102	P 3	TWD	26	010	+0.07	010	010	WAR	4063	OUTLET	460SI
83	15	0.82	33	2	SAI		UTE	-1.17	UTE	UTE	TR	2083	INLET	460HR
		0.82	33	2	TWD	100	UTE	-1.17	UTE	UTE		2083	INLET	460HR
83	26	0.56	120	P 3	TWD	13	010	+0.34	010	010	WAR	4041	INLET	460SI
83	27	0.25	69	P 3	TWD	6	010	+0.47	010	010	WAR	4041	INLET	460SI
83	28	0.46	125	P 3	TWD	11	010	+0.57	010	010	WAR	4041	INLET	460SI
83	31	0.33	139	P 3	TWD	7	009	+0.62	009	009	WAR	4047	INLET	460SI
83	32	0.39	63	P 3	TWD	9	010	-0.67	010	010	WAR	4047	INLET	460SI
83	34	0.36	128	P 3	TWD	8	010	+0.56	010	010	WAR	4047	INLET	460SI
83	37	0.36	129	P 3	TWD	8	010	+0.36	010	010	WAR	4047	INLET	460SI
83	43	0.37	148	P 3	TWD	8	009	-0.75	009	009	WAR	4047	INLET	460SI
		0.45	54	P 3	TWD	10	008	-0.69	008	008	WAR	4047	INLET	460SI
83	97	2.67	183	1	DNT		LTS	+0.14	LTS	LTS		4023	OUTLET	460SI
83	98	0.17	92	2	SAI		008	+17.94	008	008		4023	OUTLET	460SI
		0.17	92	2	TWD	28	008	+17.94	008	008		4023	OUTLET	460SI
		0.09	76	2	SAI		008	+18.99	008	008		4023	OUTLET	460SI
		0.09	76	2	TWD	44	008	+18.99	008	008		4023	OUTLET	460SI
83	104	0.21	39	2	VOL		010	+5.41	010	010		4024	OUTLET	460SI
83	129	2.03	17	2	TEA		UTE	-0.15	UTE	UTE		2070	INLET	460HR
83	132	0.10	70	2	VOL		015	+13.45	015	015		4028	OUTLET	460SI
		0.16	81	2	VOL		015	+18.45	015	015		4028	OUTLET	460SI
		0.08	146	2	VOL		015	+18.98	015	015		4028	OUTLET	460SI
		0.08	101	2	VOL		015	+19.23	015	015		4028	OUTLET	460SI
		0.11	90	2	VOL		015	+27.32	015	015		4028	OUTLET	460SI
		0.19	147	2	VOL		015	+27.55	015	015		4028	OUTLET	460SI
84	1	4.83	23	P 1	DRS		UTE	-0.92	UTE	UTE	SLV	1009	INLET	400PS
84	2	2.77	8	P 1	DRS		UTE	-1.02	UTE	UTE	SLV	1009	INLET	400PS
		0.64	97	P 3	TWD	11	010	-0.28	010	010	WAR	4063	OUTLET	460SI
84	3	2.10	26	P 1	DRS		UTE	-0.83	UTE	UTE	SLV	1009	INLET	400PS
		0.38	115	2	VOL		010	+0.59	010	010		4063	OUTLET	460SI
84	4	5.10	26	P 1	DRS		UTE	-0.76	UTE	UTE	SLV	1006	INLET	400PS
84	16	0.29	97	2	VOL		UTE	-3.03	UTE	UTE		2096	INLET	460HR
		0.29	94	2	VOL		UTE	-2.94	UTE	UTE		2097	INLET	460HR
		0.89	31	2	SAI		UTE	-1.22	UTE	UTE	TR	2083	INLET	460HR
		0.89	31	2	TWD	91	UTE	-1.22	UTE	UTE		2083	INLET	460HR
84	17	0.06	79	2	SAI		014	-8.86	014	014		4041	INLET	460SI
		0.06	79	2	TWD	27	014	-8.86	014	014		4041	INLET	460SI
		0.08	83	2	SAI		014	-9.88	014	014		4041	INLET	460SI
		0.08	83	2	TWD	11	014	-9.88	014	014		4041	INLET	460SI
		0.06	94	2	SAI		013	-1.74	013	013		4041	INLET	460SI
		0.06	94	2	TWD	0	013	-1.74	013	013		4041	INLET	460SI
		0.08	87	2	SAI		013	-3.81	013	013		4041	INLET	460SI
		0.08	87	2	TWD	0	013	-3.81	013	013		4041	INLET	460SI
		0.05	84	2	SAI		013	-2.58	013	013		4041	INLET	460SI
		0.05	84	2	TWD	24	013	-2.58	013	013		4041	INLET	460SI
84	19	0.36	115	P 3	TWD	8	011	+0.66	011	011	WAR	4041	INLET	460SI
84	26	0.20	100	P 3	TWD	5	010	+0.58	010	010	WAR	4041	INLET	460SI
84	28	0.38	135	P 3	TWD	9	010	+0.52	010	010	WAR	4041	INLET	460SI
84	30	0.42	90	P 3	TWD	9	015	+0.66	015	015	WAR	4047	INLET	460SI
84	55	0.56	110	P 3	TWD	12	005	+0.64	005	005	WAR	4047	INLET	460SI
84	64	0.99	24	2	TEA		UTE	-0.18	UTE	UTE		2004	INLET	460HR
84	118	0.46	93	2	VOL		014	+0.85	014	014		4024	OUTLET	460SI
		0.14	68	2	VOL		014	+1.08	014	014		4024	OUTLET	460SI
		0.54	93	2	TWD	0	014	+0.85	014	014		4024	OUTLET	460SI
		0.11	53	2	TWD	79	014	+1.08	014	014		4024	OUTLET	460SI
84	127	1.59	18	2	TEA		UTE	-0.20	UTE	UTE		2069	INLET	460HR
		1.94	193	1	DNT		UTS	-5.78	UTS	UTS		4024	OUTLET	460SI
85	9	0.37	75	P 3	TWD	9	009	-0.60	009	009	WAR	4041	INLET	460SI
85	14	0.39	131	P 3	TWD	10	010	-0.45	010	010	WAR	4041	INLET	460SI
85	25	0.22	110	P 3	TWD	6	010	+0.66	010	010	WAR	4041	INLET	460SI
85	26	0.42	139	P 3	TWD	10	010	+0.66	010	010	WAR	4041	INLET	460SI
		0.35	92	P 3	TWD	9	010	-0.66	010	010	WAR	4041	INLET	460SI
85	27	0.71	125	P 3	TWD	16	010	-0.70	010	010	WAR	4041	INLET	460SI
85	29	0.67	123	P 3	TWD	14	010	-0.73	010	010	WAR	4047	INLET	460SI
85	34	0.37	156	P 3	TWD	8	009	-0.68	009	009	WAR	4047	INLET	460SI
85	36	0.32	165	P 3	TWD	7	009	-0.85	009	009	WAR	4047	INLET	460SI
85	42	0.70	137	P 3	TWD	15	009	+0.69	009	009	WAR	4047	INLET	460SI
		0.39	155	P 3	TWD	9	009	-0.71	009	009	WAR	4047	INLET	460SI
		0.39	98	P 3	TWD	9	008	-0.73	008	008	WAR	4047	INLET	460SI
85	44	0.56	113	P 3	TWD	12	008	-0.65	008	008	WAR	4047	INLET	460SI
85	84	0.12	84	2	SAI		011	-14.92	011	011		4023	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
85	91	0.12	84	2	TWD	36	011	-14.92	011	011		4023	OUTLET	460SI
85	118	0.26	53	2	VOL		012	+18.84	012	012		4023	OUTLET	460SI
85	129	0.22	72	2	VOL		003	-6.46	003	003		4024	OUTLET	460SI
85	129	9.43	184	1	DNT		008	-0.22	008	008		4028	OUTLET	460SI
85	130	0.85	49	P 3	TWD	12	009	+0.01	009	009	WAR	4028	OUTLET	460SI
86	1	3.74	16	P 2	DRS		UTE	-0.87	UTE	UTE	SLV	1009	INLET	400PS
		4.82	169	1	DNT		LTS	-14.02	LTS	LTS		4063	OUTLET	460SI
		0.48	140	P 3	TWD	8	014	+0.67	014	014	WAR	4063	OUTLET	460SI
86	2	4.87	18	P 1	DRS		UTE	-0.97	UTE	UTE	SLV	1009	INLET	400PS
86	11	0.51	123	P 3	TWD	12	010	-0.60	010	010	WAR	4041	INLET	460SI
86	14	0.39	130	P 3	TWD	8	011	-0.68	011	011	WAR	4041	INLET	460SI
86	28	0.52	120	P 3	TWD	12	009	-0.66	009	009	WAR	4047	INLET	460SI
86	30	0.41	96	P 3	TWD	9	009	-0.61	009	009	WAR	4047	INLET	460SI
86	32	0.52	154	P 3	TWD	11	009	-0.80	009	009	WAR	4047	INLET	460SI
86	34	0.64	148	P 3	TWD	13	009	-0.69	009	009	WAR	4047	INLET	460SI
86	55	0.52	116	2	VOL		005	-0.80	005	005		4047	INLET	460SI
86	64	1.00	18	2	TEA		UTE	-0.15	UTE	UTE		2004	INLET	460HR
86	67	0.99	43	P 3	TWD	10	004	-0.78	004	004	WAR	4003	INLET	460SI
86	96	1.74	325	1	DNT		LTS	+0.05	LTS	LTS		4023	OUTLET	460SI
86	129	8.40	181	1	DNT		008	-0.18	008	008		4024	OUTLET	460SI
86	131	0.06	105	2	VOL		013	+1.42	013	013		4028	OUTLET	460SI
		0.21	70	P 3	TWD	3	013	-0.70	013	013	WAR	4028	OUTLET	460SI
87	1	4.42	16	P 1	DRS		UTE	-0.92	UTE	UTE	SLV	1009	INLET	400PS
87	9	0.27	57	2	VOL		010	-0.66	010	010		4041	INLET	460SI
87	13	0.16	86	2	VOL		010	-0.42	010	010		4041	INLET	460SI
87	36	0.93	17	2	TEA		UTE	-0.20	UTE	UTE		2084	INLET	460HR
87	50	0.29	154	2	VOL		009	-0.82	009	009		4047	INLET	460SI
87	122	0.26	57	2	VOL		002	+0.67	002	002		4024	OUTLET	460SI
87	129	8.52	179	1	DNT		008	+0.26	008	008		4024	OUTLET	460SI
87	130	0.82	40	1	VOL		012	+15.35	012	012		4028	OUTLET	460SI
88	3	0.68	116	P 3	TWD	11	011	+0.70	011	011	WAR	4063	OUTLET	460SI
		0.60	114	P 3	TWD	10	012	-0.78	012	012	WAR	4063	OUTLET	460SI
88	25	1.18	20	2	TEA		UTE	-0.24	UTE	UTE		2084	INLET	460HR
88	80	0.16	45	2	VOL		014	+8.95	014	014		4023	OUTLET	460SI
88	122	0.23	119	2	VOL		015	+0.64	015	015		4024	OUTLET	460SI
89	2	13.37	171	1	DNT		010	-0.18	010	010		4063	OUTLET	460SI
		0.45	131	P 3	TWD	8	011	+0.48	011	011	WAR	4063	OUTLET	460SI
89	17	0.35	134	P 3	TWD	7	009	-0.75	009	009	WAR	4041	INLET	460SI
89	37	0.11	85	2	SAI		015	-16.63	015	015		4047	INLET	460SI
		0.11	85	2	TWD	15	015	-16.63	015	015		4047	INLET	460SI
		0.05	90	2	SAI		015	-15.46	015	015		4047	INLET	460SI
		0.05	90	2	TWD	1	015	-15.46	015	015		4047	INLET	460SI
89	82	0.16	39	2	VOL		010	+15.62	010	010		4023	OUTLET	460SI
89	118	2.60	188	1	DNT		LTS	+18.67	LTS	LTS		4024	OUTLET	460SI
90	6	0.47	85	P 3	TWD	11	009	-0.63	009	009	WAR	4041	INLET	460SI
90	13	0.14	79	2	SAI		014	-7.04	014	014		4041	INLET	460SI
		0.14	79	2	TWD	27	014	-7.04	014	014		4041	INLET	460SI
90	43	0.45	102	2	VOL		015	+0.79	015	015		4047	INLET	460SI
90	115	0.33	47	2	VOL		014	+1.06	014	014		4024	OUTLET	460SI
91	2	0.69	120	P 3	TWD	12	011	+0.54	011	011	WAR	4063	OUTLET	460SI
91	7	0.31	122	P 3	TWD	8	010	+0.58	010	010	WAR	4041	INLET	460SI
91	17	0.32	87	2	VOL		015	+0.88	015	015		4041	INLET	460SI
		0.31	84	2	TWD	27	015	+0.88	015	015		4041	INLET	460SI
91	38	1.21	21	2	TEA		UTE	-0.20	UTE	UTE		2082	INLET	460HR
91	42	0.38	70	2	VOL		015	+0.76	015	015		4047	INLET	460SI
91	80	0.15	66	2	SAI		012	-16.49	012	012		4023	OUTLET	460SI
		0.15	66	2	TWD	55	012	-16.49	012	012		4023	OUTLET	460SI
91	81	3.31	179	1	DNT		LTE	+5.66	LTE	LTS		4023	OUTLET	460SI
91	82	0.11	95	2	SAI		012	+1.77	012	012		4023	OUTLET	460SI
		0.11	95	2	TWD	26	012	+1.77	012	012		4023	OUTLET	460SI
91	108	8.11	185	1	DNT		LTS	-13.71	LTS	LTS		4024	OUTLET	460SI
91	117	0.93	13	2	TEA		UTE	-0.23	UTE	UTE		2066	INLET	460HR
91	118	0.15	85	2	VOL		014	+1.10	014	014		4024	OUTLET	460SI
91	119	0.69	75	P 3	TWD	10	015	-0.70	015	015	WAR	4024	OUTLET	460SI
91	120	0.67	0	P 3	TWD	6	008	-0.71	008	008	WAR	4024	OUTLET	460SI
91	125	0.15	81	2	VOL		009	+0.56	009	009		4024	OUTLET	460SI
		0.23	95	2	VOL		014	+2.60	014	014		4024	OUTLET	460SI
		0.34	87	2	VOL		014	+2.83	014	014		4024	OUTLET	460SI
92	9	0.97	17	2	TEA		UTE	-0.14	UTE	UTE		2082	INLET	460HR
92	83	0.12	84	2	SAI		011	+12.95	011	011		4023	OUTLET	460SI
		0.12	84	2	TWD	36	011	+12.95	011	011		4023	OUTLET	460SI
92	89	0.25	78	2	SAI		009	+2.89	009	009		4023	OUTLET	460SI
		0.25	78	2	TWD	42	009	+2.89	009	009		4023	OUTLET	460SI
		0.15	70	2	SAI		009	+9.94	009	009		4023	OUTLET	460SI
		0.15	70	2	TWD	51	009	+9.94	009	009		4023	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.09	87	2	SAI		009	+8.56	009	009			4023	OUTLET 460SI
		0.09	87	2	TWD	33	009	+8.56	009	009			4023	OUTLET 460SI
		0.12	75	2	SAI		010	-7.45	010	011			4023	OUTLET 460SI
		0.12	75	2	TWD	45	010	-7.45	010	011			4023	OUTLET 460SI
		0.18	81	2	SAI		010	-2.15	010	011			4023	OUTLET 460SI
		0.18	81	2	TWD	39	010	-2.15	010	011			4023	OUTLET 460SI
		0.16	87	2	SAI		010	+2.18	010	011			4023	OUTLET 460SI
		0.16	87	2	TWD	33	010	+2.18	010	011			4023	OUTLET 460SI
		0.12	93	2	SAI		010	+5.14	010	011			4023	OUTLET 460SI
		0.12	93	2	TWD	27	010	+5.14	010	011			4023	OUTLET 460SI
		0.18	85	2	SAI		010	+5.99	010	011			4023	OUTLET 460SI
		0.18	85	2	TWD	35	010	+5.99	010	011			4023	OUTLET 460SI
		0.16	80	2	SAI		010	+10.51	010	011			4023	OUTLET 460SI
		0.16	80	2	TWD	40	010	+10.51	010	011			4023	OUTLET 460SI
		0.20	74	2	MAI		010	+16.95	010	011			4023	OUTLET 460SI
		0.20	74	2	TWD	46	010	+16.95	010	011			4023	OUTLET 460SI
		0.16	64	2	SAI		010	+22.30	010	011			4023	OUTLET 460SI
		0.16	64	2	TWD	58	010	+22.30	010	011			4023	OUTLET 460SI
		0.13	89	2	SAI		010	+25.95	010	011			4023	OUTLET 460SI
		0.13	89	2	TWD	31	010	+25.95	010	011			4023	OUTLET 460SI
		0.12	80	2	SAI		010	+28.08	010	011			4023	OUTLET 460SI
		0.12	80	2	TWD	40	010	+28.08	010	011			4023	OUTLET 460SI
		0.07	101	2	SAI		012	+3.57	012	012			4023	OUTLET 460SI
		0.07	101	2	TWD	20	012	+3.57	012	012			4023	OUTLET 460SI
		0.11	76	2	SAI		012	-2.54	012	012			4023	OUTLET 460SI
		0.11	76	2	TWD	44	012	-2.54	012	012			4023	OUTLET 460SI
		0.18	64	2	SAI		012	-5.33	012	012			4023	OUTLET 460SI
		0.18	64	2	TWD	58	012	-5.33	012	012			4023	OUTLET 460SI
		0.06	85	2	SAI		012	-15.64	012	012			4023	OUTLET 460SI
		0.06	85	2	TWD	35	012	-15.64	012	012			4023	OUTLET 460SI
		0.10	86	2	SAI		012	-17.62	012	012			4023	OUTLET 460SI
		0.10	86	2	TWD	34	012	-17.62	012	012			4023	OUTLET 460SI
		0.08	87	2	SAI		012	-19.46	012	012			4023	OUTLET 460SI
		0.08	87	2	TWD	33	012	-19.46	012	012			4023	OUTLET 460SI
		0.08	67	2	SAI		012	-18.81	012	012			4023	OUTLET 460SI
		0.08	67	2	TWD	54	012	-18.81	012	012			4023	OUTLET 460SI
		0.07	77	2	SAI		012	-18.42	012	012			4023	OUTLET 460SI
		0.07	77	2	TWD	43	012	-18.42	012	012			4023	OUTLET 460SI
92	96	0.35	72	2	SAI		010	-12.62	010	010			4023	OUTLET 460SI
		0.35	72	2	TWD	49	010	-12.62	010	010			4023	OUTLET 460SI
		0.33	70	2	SAI		010	-17.12	010	010			4023	OUTLET 460SI
		0.33	70	2	TWD	51	010	-17.12	010	010			4023	OUTLET 460SI
		0.25	68	2	SAI		010	-18.47	010	010			4023	OUTLET 460SI
		0.25	68	2	TWD	53	010	-18.47	010	010			4023	OUTLET 460SI
92	109	0.21	47	2	VOL		013	-6.29	013	013			4024	OUTLET 460SI
92	112	0.38	77	2	VOL		009	-6.94	009	009			4024	OUTLET 460SI
93	11	0.08	60	2	VOL		002	-10.53	002	002			4041	INLET 460SI
93	12	0.30	56	2	VOL		003	+8.48	003	003			4041	INLET 460SI
93	38	1.28	19	2	TEA		UTE	-0.18	UTE	UTE			2082	INLET 460HR
93	87	2.39	199	1	DNT		LTS	+0.07	LTS	LTS			4023	OUTLET 460SI
93	88	0.11	86	2	SAI		012	-11.48	012	012			4023	OUTLET 460SI
		0.11	86	2	TWD	34	012	-11.48	012	012			4023	OUTLET 460SI
		0.12	89	2	SAI		012	-12.72	012	012			4023	OUTLET 460SI
		0.12	89	2	TWD	31	012	-12.72	012	012			4023	OUTLET 460SI
		0.11	87	2	SAI		012	-14.95	012	012			4023	OUTLET 460SI
		0.11	87	2	TWD	33	012	-14.95	012	012			4023	OUTLET 460SI
		0.17	88	2	SAI		012	-15.92	012	012			4023	OUTLET 460SI
		0.17	88	2	TWD	32	012	-15.92	012	012			4023	OUTLET 460SI
		0.10	87	2	SAI		012	-17.16	012	012			4023	OUTLET 460SI
		0.10	87	2	TWD	33	012	-17.16	012	012			4023	OUTLET 460SI
		0.09	82	2	SAI		012	-18.15	012	012			4023	OUTLET 460SI
		0.09	82	2	TWD	38	012	-18.15	012	012			4023	OUTLET 460SI
		0.07	95	2	SAI		012	-19.44	012	012			4023	OUTLET 460SI
		0.07	95	2	TWD	26	012	-19.44	012	012			4023	OUTLET 460SI
93	113	0.32	65	2	SAI		010	+6.96	010	010			4024	OUTLET 460SI
		0.32	65	2	TWD	87	010	+6.96	010	010			4024	OUTLET 460SI
93	123	0.68	71	2	VOL		009	+0.59	009	009			4024	OUTLET 460SI
		0.47	84	2	VOL		009	+1.14	009	009			4024	OUTLET 460SI
		0.72	76	P 3	TWD	11	011	-0.74	011	011	WAR		4024	OUTLET 460SI
94	2	0.68	123	P 3	TWD	12	011	+0.64	011	011	WAR		4063	OUTLET 460SI
		0.14	103	2	VOL		012	-0.67	012	012			4063	OUTLET 460SI
94	26	0.16	79	2	VOL		014	+0.68	014	014			4041	INLET 460SI
94	55	0.14	98	2	VOL		UTE	-2.98	UTE	UTE			2096	INLET 460HR
94	63	0.65	27	2	TEA		UTE	-0.17	UTE	UTE			2002	INLET 460HR
94	69	0.61	20	2	TEA		UTE	-0.17	UTE	UTE			2002	INLET 460HR

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
94	90	3.81	177	1	DNT		LTS	-14.12	LTS	LTS			4023	OUTLET 460SI
		0.16	88	2	SAI		010	-2.18	010	010			4023	OUTLET 460SI
		0.16	88	2	TWD	32	010	-2.18	010	010			4023	OUTLET 460SI
		0.23	88	2	SAI		010	-3.99	010	010			4023	OUTLET 460SI
		0.23	88	2	TWD	32	010	-3.99	010	010			4023	OUTLET 460SI
		0.16	92	2	SAI		010	-6.56	010	010			4023	OUTLET 460SI
		0.16	92	2	TWD	28	010	-6.56	010	010			4023	OUTLET 460SI
		0.15	88	2	SAI		010	-7.85	010	010			4023	OUTLET 460SI
		0.15	88	2	TWD	32	010	-7.85	010	010			4023	OUTLET 460SI
		0.13	90	2	SAI		010	-10.13	010	010			4023	OUTLET 460SI
		0.13	90	2	TWD	30	010	-10.13	010	010			4023	OUTLET 460SI
		0.33	65	2	SAI		011	-8.94	011	011			4023	OUTLET 460SI
		0.33	65	2	TWD	56	011	-8.94	011	011			4023	OUTLET 460SI
		0.33	61	2	SAI		011	-10.18	011	011			4023	OUTLET 460SI
		0.33	61	2	TWD	61	011	-10.18	011	011			4023	OUTLET 460SI
		0.28	61	2	SAI		011	-16.73	011	011			4023	OUTLET 460SI
		0.28	61	2	TWD	61	011	-16.73	011	011			4023	OUTLET 460SI
94	95	7.06	167	1	DNT		LTS	-11.02	LTS	LTS			4023	OUTLET 460SI
		4.57	168	1	DNT		LTS	-11.40	LTS	LTS			4023	OUTLET 460SI
94	124	0.25	53	2	VOL		001	+10.50	001	001			4024	OUTLET 460SI
		0.18	66	2	VOL		008	+18.79	008	008			4024	OUTLET 460SI
95	61	4.82	4	1	DNT		014	+30.51	015	014			4001	INLET 460SI
95	64	1.60	24	2	TEA		UTE	-0.15	UTE	UTE			2002	INLET 460HR
95	69	0.55	62	2	VOL		014	+24.21	014	015			4004	OUTLET 460SI
95	112	0.18	65	2	VOL		012	-5.97	012	012			4024	OUTLET 460SI
95	117	0.33	72	2	VOL		014	+10.55	014	014			4024	OUTLET 460SI
96	4	0.21	142	2	VOL		004	-0.80	004	004			4041	INLET 460SI
96	60	0.98	22	2	TEA		UTE	-0.17	UTE	UTE			2083	INLET 460HR
96	63	0.16	66	2	VOL		014	+10.30	014	014			4052	INLET 460SI
96	89	0.27	82	2	SAI		009	-8.62	009	009			4023	OUTLET 460SI
		0.27	82	2	TWD	38	009	-8.62	009	009			4023	OUTLET 460SI
		0.23	80	2	SAI		009	-9.84	009	009			4023	OUTLET 460SI
		0.23	80	2	TWD	40	009	-9.84	009	009			4023	OUTLET 460SI
		0.30	79	2	SAI		009	-11.93	009	009			4023	OUTLET 460SI
		0.30	79	2	TWD	41	009	-11.93	009	009			4023	OUTLET 460SI
		0.20	79	2	SAI		009	-13.10	009	009			4023	OUTLET 460SI
		0.20	79	2	TWD	41	009	-13.10	009	009			4023	OUTLET 460SI
		0.23	77	2	SAI		009	-14.92	009	009			4023	OUTLET 460SI
		0.23	77	2	TWD	43	009	-14.92	009	009			4023	OUTLET 460SI
		0.21	78	2	MAI		009	-15.59	009	009			4023	OUTLET 460SI
		0.21	78	2	TWD	42	009	-15.59	009	009			4023	OUTLET 460SI
		0.05	83	2	SAI		009	-16.54	009	009			4023	OUTLET 460SI
		0.05	83	2	TWD	37	009	-16.54	009	009			4023	OUTLET 460SI
		0.05	76	2	SAI		009	-17.11	009	009			4023	OUTLET 460SI
		0.05	76	2	TWD	44	009	-17.11	009	009			4023	OUTLET 460SI
		0.06	71	2	SAI		009	-23.39	009	009			4023	OUTLET 460SI
		0.06	71	2	TWD	50	009	-23.39	009	009			4023	OUTLET 460SI
		0.21	80	2	SAI		009	-23.68	009	009			4023	OUTLET 460SI
		0.10	74	2	SAI		009	-23.90	009	009			4023	OUTLET 460SI
		0.10	74	2	TWD	46	009	-23.90	009	009			4023	OUTLET 460SI
		0.10	71	2	SAI		009	-25.42	009	009			4023	OUTLET 460SI
		0.10	71	2	TWD	50	009	-25.42	009	009			4023	OUTLET 460SI
		0.13	69	2	SAI		009	-26.66	009	009			4023	OUTLET 460SI
		0.13	69	2	TWD	52	009	-26.66	009	009			4023	OUTLET 460SI
		0.21	80	2	TWD	40	009	-23.68	009	009			4023	OUTLET 460SI
96	92	0.09	87	2	SAI		011	+9.25	011	011			4023	OUTLET 460SI
		0.09	87	2	TWD	33	011	+9.25	011	011			4023	OUTLET 460SI
		0.11	78	2	SAI		011	+10.45	011	011			4023	OUTLET 460SI
		0.11	78	2	TWD	42	011	+10.45	011	011			4023	OUTLET 460SI
		0.07	63	2	SAI		011	+11.21	011	011			4023	OUTLET 460SI
		0.07	63	2	TWD	59	011	+11.21	011	011			4023	OUTLET 460SI
96	115	0.11	109	2	VOL		006	-9.77	006	006			4024	OUTLET 460SI
97	2	0.24	97	2	VOL		006	+1.00	006	006			4041	INLET 460SI
97	14	1.30	92	1	VOL		014	-17.12	014	014			4041	INLET 460SI
97	31	0.10	47	2	VOL		014	+10.25	014	014			4052	INLET 460SI
97	78	1.84	18	2	TEA		UTE	-0.20	UTE	UTE			2011	INLET 460HR
97	87	0.84	8	2	VOL		009	-19.22	009	009			4023	OUTLET 460SI
97	88	13.06	187	1	DNT		LTS	-7.11	LTS	LTS			4023	OUTLET 460SI
98	2	0.20	72	2	SVI		015	+0.10	015	015			904	INLET 460LW
		0.18	73	2	TWD	24	015	+0.10	015	015			904	INLET 460LW
98	3	0.26	125	2	VOL		010	+0.55	010	010			4041	INLET 460SI
98	52	1.33	12	2	TEA		UTE	-0.18	UTE	UTE			2082	INLET 460HR
98	91	0.31	60	2	VOL		014	-10.24	014	014			4021	OUTLET 460SI
98	122	0.16	32	2	VOL		014	+1.21	014	014			4021	OUTLET 460SI
99	3	0.31	100	P 3	TWD	8	010	+0.63	010	010	WAR		4041	INLET 460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.35	94	2	VOL		009	+12.29	009	009			4041	INLET 460SI
99	11	0.11	55	2	VOL		001	-5.43	001	001			4041	INLET 460SI
99	12	2.97	19	2	TEA		UTE	-0.14	UTE	UTE			2076	INLET 460HR
99	13	0.53	27	2	SAI		UTE	-2.63	UTE	UTS	TR		2077	INLET 460HR
		0.53	27	2	TWD	76	UTE	-2.63	UTE	UTS			2077	INLET 460HR
99	14	0.28	65	2	VOL		014	+0.79	014	014			4041	INLET 460SI
99	53	0.25	52	2	VOL		014	-0.15	014	014			4049	INLET 460SI
99	56	0.10	70	2	VOL		011	-3.91	011	011			4049	INLET 460SI
99	60	0.10	72	2	SAI		012	-12.41	012	012			4052	INLET 460SI
		0.10	72	2	TWD	53	012	-12.41	012	012			4052	INLET 460SI
		0.08	84	2	SAI		012	-19.18	012	012			4052	INLET 460SI
		0.08	84	2	TWD	45	012	-19.18	012	012			4052	INLET 460SI
		0.08	76	2	SAI		012	-20.26	012	012			4052	INLET 460SI
		0.08	76	2	TWD	50	012	-20.26	012	012			4052	INLET 460SI
99	86	3.19	175	1	DNT		LTS	+0.08	LTS	LTS			4021	OUTLET 460SI
99	87	3.19	189	1	DNT		LTS	+0.14	LTS	LTS			4021	OUTLET 460SI
100	7	0.13	40	2	VOL		010	+4.48	010	010			4041	INLET 460SI
100	34	1.03	21	2	TEA		UTE	-0.15	UTE	UTE			2077	INLET 460HR
100	50	0.10	69	2	VOL		003	-5.39	003	003			4049	INLET 460SI
100	65	0.18	45	2	VOL		008	-7.84	008	008			4030	OUTLET 460SI
100	84	4.44	181	1	DNT		LTS	+0.13	LTS	LTS			4021	OUTLET 460SI
101	6	0.18	61	2	VOL		009	-16.40	009	009			4041	INLET 460SI
101	16	0.18	65	2	VOL		010	-19.66	010	010			4041	INLET 460SI
102	28	0.93	27	2	TEA		UTE	-0.17	UTE	UTE			2077	INLET 460HR
102	105	0.09	98	2	VOL		005	-12.11	005	005			4021	OUTLET 460SI
102	109	0.11	43	2	VOL		LTS	+19.93	LTS	LTS			4021	OUTLET 460SI
		0.11	57	2	VOL		012	+5.16	012	012			4021	OUTLET 460SI
102	122	0.37	106	2	VOL		010	-0.68	010	010			4021	OUTLET 460SI
102	123	1.81	21	2	TEA		UTE	-0.22	UTE	UTE			2066	INLET 460HR
103	3	0.96	116	P 3	TWD	21	010	+0.72	010	010	WAR		4041	INLET 460SI
103	51	0.13	64	2	VOL		009	-15.03	009	009			4049	INLET 460SI
103	53	0.11	64	2	VOL		LTS	+10.29	LTS	LTS			4049	INLET 460SI
		1.40	191	1	DNT		LTS	+0.17	LTS	LTS			4049	INLET 460SI
103	81	4.83	181	1	DNT		LTS	-0.01	LTS	LTS			4020	OUTLET 460SI
103	111	0.39	134	2	VOL		013	+0.75	013	013			4043	OUTLET 460SI
103	123	0.12	84	2	SAI		012	+19.10	012	012			4016	OUTLET 460SI
		0.12	84	2	TWD	29	012	+19.10	012	012			4016	OUTLET 460SI
		0.15	74	2	SAI		012	+17.16	012	012			4016	OUTLET 460SI
		0.15	74	2	TWD	45	012	+17.16	012	012			4016	OUTLET 460SI
103	124	1.08	171	1	DNT		UTS	-0.08	UTS	UTS			4024	OUTLET 460SI
104	11	1.18	17	2	TEA		UTE	-0.21	UTE	UTE			2072	INLET 460HR
104	14	0.07	65	2	VOL		015	-5.31	015	015			4041	INLET 460SI
104	30	2.69	22	2	TEA		UTE	-0.20	UTE	UTE			2075	INLET 460HR
104	34	0.78	22	2	TEA		UTE	-0.15	UTE	UTE			2075	INLET 460HR
104	36	0.68	16	2	TEA		UTE	-0.20	UTE	UTE			2075	INLET 460HR
104	50	1.88	184	1	DNT		LTS	+0.18	LTS	LTS			4049	INLET 460SI
104	61	0.15	82	2	SAI		UTS	-16.11	UTS	UTS			4052	INLET 460SI
		0.15	82	2	TWD	46	UTS	-16.11	UTS	UTS			4052	INLET 460SI
		0.12	72	2	SAI		UTS	-17.78	UTS	UTS			4052	INLET 460SI
		0.12	72	2	TWD	53	UTS	-17.78	UTS	UTS			4052	INLET 460SI
104	79	3.05	181	1	DNT		LTS	+0.15	LTS	LTS			4016	OUTLET 460SI
104	82	3.49	22	2	TEA		UTE	-0.31	UTE	UTE			2010	INLET 460HR
104	112	0.31	0	P 3	TWD	6	015	+0.45	015	015	WAR		4016	OUTLET 460SI
104	120	0.61	0	P 3	TWD	12	009	-0.69	009	009	WAR		4016	OUTLET 460SI
104	122	0.37	29	P 3	TWD	8	010	-0.52	010	010	WAR		4016	OUTLET 460SI
105	6	1.48	15	2	TEA		UTE	-0.08	UTE	UTE			2072	INLET 460HR
105	17	1.14	24	2	TEA		UTE	-0.19	UTE	UTE			2071	INLET 460HR
105	55	0.71	15	2	TEA		UTE	-0.24	UTE	UTE			2071	INLET 460HR
		2.00	175	1	DNT		LTS	+0.13	LTS	LTS			4049	INLET 460SI
105	78	3.55	177	1	DNT		LTS	+0.02	LTS	LTS			4016	OUTLET 460SI
105	79	6.25	177	1	DNT		LTE	+2.37	LTE	LTE			4016	OUTLET 460SI
105	105	0.16	52	2	VOL		015	+16.12	015	015			4016	OUTLET 460SI
105	108	4.30	175	1	DNT		LTE	+6.27	LTE	LTE			4016	OUTLET 460SI
106	51	2.86	178	1	DNT		LTS	+0.13	LTS	LTS			4049	INLET 460SI
106	88	1.20	16	2	TEA		UTE	-0.21	UTE	UTE			2009	INLET 460HR
107	46	0.09	62	2	VOL		013	+3.60	013	013			4052	INLET 460SI
107	48	0.12	67	2	VOL		007	+3.99	007	007			4052	INLET 460SI
107	56	2.29	174	1	DNT		LTS	-0.30	LTS	LTS			4049	INLET 460SI
107	61	0.17	68	2	VOL		004	+6.42	004	004			4016	OUTLET 460SI
		0.19	96	2	SAI		014	+6.10	014	014			4016	OUTLET 460SI
		0.19	96	2	TWD	7	014	+6.10	014	014			4016	OUTLET 460SI
		0.18	109	2	SAI		014	+6.97	014	014			4016	OUTLET 460SI
		0.18	109	2	TWD	1	014	+6.97	014	014			4016	OUTLET 460SI
107	68	2.15	176	1	DNT		LTS	+0.00	LTS	LTS			4016	OUTLET 460SI
107	69	3.24	144	1	DNT		LTS	+0.09	LTS	LTS			4016	OUTLET 460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
107	70	3.06	180	1	DNT		LTS	+0.09	LTS	LTS			4016	OUTLET 460SI
107	71	4.59	176	1	DNT		LTS	+0.02	LTS	LTS			4016	OUTLET 460SI
107	74	4.22	176	1	DNT		LTS	+0.17	LTS	LTS			4016	OUTLET 460SI
107	75	2.44	174	1	DNT		LTS	+0.08	LTS	LTS			4016	OUTLET 460SI
107	76	2.80	177	1	DNT		LTS	+0.19	LTS	LTS			4016	OUTLET 460SI
107	78	3.07	179	1	DNT		LTE	+4.64	LTE	LTS			4016	OUTLET 460SI
107	104	3.07	188	1	DNT		LTE	+6.32	LTE	LTS			4016	OUTLET 460SI
107	118	2.67	161	1	DNT		LTE	+3.94	LTE	LTE			4016	OUTLET 460SI
		3.15	165	1	DNT		LTE	+5.10	LTE	LTE			4016	OUTLET 460SI
		3.59	161	1	DNT		LTE	+6.69	LTE	LTE			4016	OUTLET 460SI
107	120	0.11	48	2	VOL		002	+10.85	002	002			4016	OUTLET 460SI
		0.10	98	2	SAI		010	+11.23	010	010			4016	OUTLET 460SI
		0.10	98	2	TWD	3	010	+11.23	010	010			4016	OUTLET 460SI
		0.61	83	2	SAI		015	-1.55	015	015			4016	OUTLET 460SI
		0.61	83	2	TWD	31	015	-1.55	015	015			4016	OUTLET 460SI
		0.41	62	2	SAI		015	-2.70	015	015			4016	OUTLET 460SI
		0.41	62	2	TWD	62	015	-2.70	015	015			4016	OUTLET 460SI
		0.37	80	2	SAI		015	-1.99	015	015			4016	OUTLET 460SI
		0.37	80	2	TWD	36	015	-1.99	015	015			4016	OUTLET 460SI
108	4	0.39	138	P 3	TWD	10	009	-0.55	009	009	WAR		4041	INLET 460SI
108	8	2.74	23	2	TEA		UTE	-0.22	UTE	UTE			2071	INLET 460HR
108	41	0.31	80	2	VOL		012	+8.71	012	012			4052	INLET 460SI
108	91	0.33	73	2	SAI		009	+7.87	009	009			4016	OUTLET 460SI
		0.33	73	2	TWD	46	009	+7.87	009	009			4016	OUTLET 460SI
		0.26	71	2	SAI		UTS	-21.98	UTS	UTS			4016	OUTLET 460SI
		0.26	71	2	TWD	49	UTS	-21.98	UTS	UTS			4016	OUTLET 460SI
108	111	3.51	40	2	SVI		010	+0.83	010	010			4016	OUTLET 460SI
		2.88	54	2	TWD	72	010	+0.83	010	010			4016	OUTLET 460SI
109	4	0.36	135	P 3	TWD	9	015	-0.66	015	015	WAR		4041	INLET 460SI
109	50	0.14	91	2	SAI		011	-12.16	011	011			4052	INLET 460SI
		0.14	91	2	TWD	41	011	-12.16	011	011			4052	INLET 460SI
		0.17	84	2	SAI		011	-11.76 TO-9.58	011	011			4052	INLET 460SI
		0.17	84	2	TWD	45	011	-11.76 TO-9.58	011	011			4052	INLET 460SI
		0.09	84	2	SAI		011	-9.55 TO-9.21	011	011			4052	INLET 460SI
		0.09	84	2	TWD	45	011	-9.55 TO-9.21	011	011			4052	INLET 460SI
		0.10	94	2	SAI		011	-9.16 TO-6.95	011	011			4052	INLET 460SI
		0.10	94	2	TWD	40	011	-9.16 TO-6.95	011	011			4052	INLET 460SI
		0.12	79	2	SAI		011	-5.28	011	011			4052	INLET 460SI
		0.12	79	2	TWD	48	011	-5.28	011	011			4052	INLET 460SI
		0.12	76	2	SAI		011	-4.51	011	011			4052	INLET 460SI
		0.12	76	2	TWD	50	011	-4.51	011	011			4052	INLET 460SI
		0.11	88	2	SAI		011	-4.32	011	011			4052	INLET 460SI
		0.11	88	2	TWD	43	011	-4.32	011	011			4052	INLET 460SI
		0.15	69	2	SAI		011	-4.17	011	011			4052	INLET 460SI
		0.15	69	2	TWD	55	011	-4.17	011	011			4052	INLET 460SI
		0.14	81	2	SAI		011	-3.24	011	011			4052	INLET 460SI
		0.14	81	2	TWD	47	011	-3.24	011	011			4052	INLET 460SI
		0.16	62	2	SAI		011	-2.94	011	011			4052	INLET 460SI
		0.16	62	2	TWD	61	011	-2.94	011	011			4052	INLET 460SI
		0.08	76	2	SAI		010	+14.71	010	010			4052	INLET 460SI
		0.08	76	2	TWD	50	010	+14.71	010	010			4052	INLET 460SI
109	75	1.85	17	2	TEA		UTE	-0.20	UTE	UTE			2009	INLET 460HR
109	78	0.10	63	2	VOL		008	+12.68	008	008			4016	OUTLET 460SI
109	88	0.29	65	2	VOL		002	+13.91	002	002			4016	OUTLET 460SI
109	110	0.04	68	2	VOL		011	+3.50	011	011			4043	OUTLET 460SI
		0.08	62	2	VOL		010	+19.27	010	010			4016	OUTLET 460SI
		0.05	70	2	VOL		010	+22.63	010	010			4016	OUTLET 460SI
		0.12	52	2	VOL		010	+24.11	010	010			4016	OUTLET 460SI
109	112	0.04	90	2	VOL		010	+1.24	010	010			4016	OUTLET 460SI
		0.10	82	2	VOL		012	+1.04	012	012			4016	OUTLET 460SI
110	55	0.14	50	2	VOL		008	+4.27	008	008			4040	OUTLET 460SI
110	58	0.13	70	2	SAI		015	+14.52	015	015			4040	OUTLET 460SI
		0.13	70	2	TWD	39	015	+14.52	015	015			4040	OUTLET 460SI
110	62	6.83	5	1	DNT		007	+18.21	007	007			4006	OUTLET 460SI
110	72	2.50	18	2	TEA		UTE	-0.15	UTE	UTE			2029	INLET 460HR
110	105	0.18	84	2	VOL		014	+1.06	014	014			4043	OUTLET 460SI
		0.18	83	2	TWD	0	014	+1.06	014	014			4043	OUTLET 460SI
110	107	2.03	25	2	TEA		UTE	-0.31	UTE	UTE			2061	INLET 460HR
110	117	7.41	182	1	DNT		015	+0.40	015	015			4014	OUTLET 460SI
		9.82	182	1	DNT		UTS	+0.01	UTS	UTS			4014	OUTLET 460SI
111	58	0.11	129	2	SAI		015	+1.34	015	015			4040	OUTLET 460SI
		0.11	129	2	TWD	47	015	+1.34	015	015			4040	OUTLET 460SI
111	85	0.15	142	2	VOL		UTS	+14.57	UTS	UTS			4043	OUTLET 460SI
111	111	0.33	74	2	VOL		012	+1.14	012	012			4006	OUTLET 460SI
112	2	5.10	178	1	DNT		LTS	-13.41	LTS	LTS			4033	OUTLET 460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
112	9	1.79	19	2	TEA		UTE	-0.22	UTE	UTE		2059	INLET	460HR
112	16	0.15	67	2	VOL		013	-14.42	013	013		4040	OUTLET	460SI
112	18	0.10	69	2	VOL		011	+8.99	011	011		4040	OUTLET	460SI
112	25	0.28	165	2	VOL		015	+0.28	015	015		4040	OUTLET	460SI
112	60	0.87	4	2	TEA		UTE	-0.15	UTE	UTE		2029	INLET	460HR
112	62	2.29	32	2	TEA		UTE	-0.17	UTE	UTE		2029	INLET	460HR
112	112	0.08	76	2	VOL		012	+1.20	012	012		4007	OUTLET	460SI
112	116	0.13	94	2	VOL		014	-1.00	014	014		4014	OUTLET	460SI
113	2	4.68	189	1	DNT		LTE	+3.36	LTE	LTS		4033	OUTLET	460SI
		2.38	150	1	DNT		LTE	+5.45	LTE	LTS		4033	OUTLET	460SI
		0.09	119	2	TWD	17	013	-21.13	013	013		4033	OUTLET	460SI
		0.10	131	2	SAI		013	-21.13	013	013		4033	OUTLET	460SI
		0.13	32	2	SAI		013	-12.38	013	013		4033	OUTLET	460SI
		0.11	105	2	TWD	26	013	-12.38	013	013		4033	OUTLET	460SI
		0.09	110	2	SAI		013	-11.81	013	013		4033	OUTLET	460SI
		0.09	110	2	TWD	23	013	-11.81	013	013		4033	OUTLET	460SI
113	7	1.14	27	2	SAI		UTE	-1.19	UTE	UTE	TR	2060	INLET	460HR
		1.14	27	2	TWD	87	UTE	-1.19	UTE	UTE		2060	INLET	460HR
113	23	0.93	35	P 1	PVN		UTE	-0.61	UTE	UTE		2056	INLET	460HR
113	49	2.39	21	2	TEA		UTE	-0.23	UTE	UTE		2056	INLET	460HR
113	95	0.06	67	2	VOL		009	+2.02	009	009		4007	OUTLET	460SI
113	103	0.30	0	P 3	TWD	5	014	+0.71	014	014	WAR	4007	OUTLET	460SI
113	112	0.12	88	2	VOL		012	+1.24	012	012		4007	OUTLET	460SI
114	1	7.50	176	1	DNT		LTS	-12.86	LTS	LTS		4033	OUTLET	460SI
114	6	2.48	22	2	TEA		UTE	-0.20	UTE	UTE		2055	INLET	460HR
		0.08	111	2	SAI		015	-3.59	015	015		4033	OUTLET	460SI
		0.09	114	2	TWD	20	015	-3.59	015	015		4033	OUTLET	460SI
		0.08	101	2	SAI		015	-2.58	015	015		4033	OUTLET	460SI
		0.08	101	2	TWD	29	015	-2.58	015	015		4033	OUTLET	460SI
114	21	0.13	75	2	VOL		011	-5.37	011	011		4039	OUTLET	460SI
114	47	0.30	32	2	VOL		004	-0.11	004	004		4039	OUTLET	460SI
114	49	0.96	17	2	TEA		UTE	-0.21	UTE	UTE		2056	INLET	460HR
114	51	2.29	9	1	DNT		001	+6.58	001	001		4039	OUTLET	460SI
114	52	0.42	58	P 3	TWD	8	014	+0.69	014	014	WAR	4039	OUTLET	460SI
		0.18	137	2	VOL		014	+0.35	014	014		4039	OUTLET	460SI
114	62	0.25	65	2	SAI		UTS	-6.25	UTS	UTS		4012	OUTLET	460SI
		0.27	65	2	TWD	52	UTS	-6.25	UTS	UTS		4012	OUTLET	460SI
114	102	4.22	186	1	DNT		LTE	+4.79	LTE	LTE		4012	OUTLET	460SI
114	103	0.31	63	2	VOL		014	+0.98	014	014		4012	OUTLET	460SI
		0.30	63	2	TWD	57	014	+0.98	014	014		4012	OUTLET	460SI
114	107	1.51	22	2	TEA		UTE	-0.17	UTE	UTE		2062	INLET	460HR
114	110	0.34	1	2	VOL		009	-0.62	009	009		4007	OUTLET	460SI
114	114	0.50	91	P 3	TWD	7	010	+0.67	010	010	WAR	4043	OUTLET	460SI
		0.09	94	2	VOL		014	+0.78	014	014		4007	OUTLET	460SI
115	7	2.62	23	2	TEA		UTE	-0.16	UTE	UTE		2055	INLET	460HR
115	8	1.06	21	2	TEA		UTE	-0.15	UTE	UTE		2056	INLET	460HR
115	27	0.78	20	2	TEA		UTE	-0.21	UTE	UTE		2055	INLET	460HR
115	46	11.97	180	1	DNT		LTE	+4.61	LTE	LTS		4039	OUTLET	460SI
115	56	1.26	177	1	DNT		LTS	+0.15	LTS	LTS		4036	OUTLET	460SI
115	61	0.24	33	P 3	TWD	6	004	-0.65	004	004	WAR	4012	OUTLET	460SI
115	102	0.31	55	2	VOL		002	+10.32	002	002		4012	OUTLET	460SI
115	114	6.01	6	1	DNT		LTS	+0.69	LTS	LTS		4012	OUTLET	460SI
116	2	0.64	18	2	SAI		UTE	-1.20	UTE	UTE	TR	2056	INLET	460HR
		0.64	18	2	TWD	52	UTE	-1.20	UTE	UTE		2056	INLET	460HR
116	21	0.19	69	2	VOL		014	+0.46	014	014		4036	OUTLET	460SI
116	26	1.14	20	2	TEA		UTE	-0.17	UTE	UTE		2055	INLET	460HR
116	30	0.67	21	2	TEA		UTE	-0.20	UTE	UTE		2055	INLET	460HR
116	77	0.14	59	2	VOL		003	+21.23	003	003		4012	OUTLET	460SI
116	98	0.25	56	2	VOL		008	-5.89	008	008		4012	OUTLET	460SI
116	104	0.26	65	2	SAI		012	+6.29	012	012		4012	OUTLET	460SI
		0.26	65	2	TWD	52	012	+6.29	012	012		4012	OUTLET	460SI
116	107	0.68	0	P 3	TWD	14	009	-0.51	009	009	WAR	4012	OUTLET	460SI
117	10	0.12	61	2	VOL		010	+4.34	010	010		4036	OUTLET	460SI
117	20	0.33	70	2	VOL		015	+0.84	015	015		4036	OUTLET	460SI
117	49	0.60	92	P 3	TWD	8	015	+0.77	015	015	WAR	4036	OUTLET	460SI
117	89	0.25	0	P 3	TWD	6	015	+0.75	015	015	WAR	4012	OUTLET	460SI
		0.54	22	2	SAI		UTE	-3.15	UTE	UTS	TR	2030	INLET	460HR
		0.54	22	2	TWD	76	UTE	-3.15	UTE	UTS		2030	INLET	460HR
117	90	0.44	111	2	VOL		015	+0.81	015	015		4012	OUTLET	460SI
		2.46	23	2	TEA		UTE	-0.25	UTE	UTE		2029	INLET	460HR
117	102	0.73	23	2	SAI		UTE	-1.05	UTE	UTE	TR	2062	INLET	460HR
		0.73	23	2	TWD	77	UTE	-1.05	UTE	UTE		2062	INLET	460HR
117	107	0.11	113	2	VOL		010	+20.44	010	010		4012	OUTLET	460SI
118	3	2.25	22	2	TEA		UTE	-0.16	UTE	UTE		2056	INLET	460HR
118	4	1.98	16	2	TEA		UTE	-0.19	UTE	UTE		2055	INLET	460HR

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
118	6	1.19	22	2	TEA		UTE	-0.19	UTE	UTE		2055	INLET	460HR
118	20	0.16	67	2	VOL		UTS	+3.11	UTS	UTS		4036	OUTLET	460SI
		0.16	67	2	TWD	47	UTS	+3.11	UTS	UTS		4036	OUTLET	460SI
118	21	0.09	53	2	VOL		010	+14.17	010	010		4036	OUTLET	460SI
118	90	0.26	62	2	VOL		012	-4.96	012	012		4012	OUTLET	460SI
118	100	0.17	79	2	VOL		010	+14.28	010	010		4012	OUTLET	460SI
		1.18	17	2	TEA		UTE	-0.18	UTE	UTE		2062	INLET	460HR
118	101	0.22	0	P 3	TWD	5	009	-0.67	009	009	WAR	4012	OUTLET	460SI
118	102	1.47	19	2	TEA		UTE	-0.17	UTE	UTE		2062	INLET	460HR
119	22	2.15	25	2	TEA		UTE	-0.18	UTE	UTE		2055	INLET	460HR
119	55	0.69	42	P 3	TWD	14	003	+0.66	003	003	WAR	4014	OUTLET	460SI
119	84	0.10	70	2	VOL		001	+7.07	001	001		4012	OUTLET	460SI
119	88	1.07	14	2	TEA		UTE	-0.18	UTE	UTE		2034	INLET	460HR
119	91	2.04	21	2	TEA		UTE	-0.20	UTE	UTE		2033	INLET	460HR
120	5	1.63	23	2	TEA		UTE	-0.18	UTE	UTE		2056	INLET	460HR
120	44	2.81	26	2	TEA		UTE	-0.19	UTE	UTE		2055	INLET	460HR
120	55	0.13	65	2	VOL		011	+2.57	011	011		4011	OUTLET	460SI
120	58	0.24	54	2	SAI		012	+23.93	012	012		4012	OUTLET	460SI
		0.24	54	2	TWD	76	012	+23.93	012	012		4012	OUTLET	460SI
120	69	0.17	66	2	VOL		003	+36.17	003	003		4012	OUTLET	460SI
121	4	1.83	19	2	TEA		UTE	-0.21	UTE	UTE		2056	INLET	460HR
121	5	0.30	137	2	VOL		010	+0.57	010	010		4036	OUTLET	460SI
121	16	1.00	18	2	TEA		UTE	-0.12	UTE	UTE		2056	INLET	460HR
121	21	1.33	22	2	TEA		UTE	-0.19	UTE	UTE		2055	INLET	460HR
121	30	1.21	14	2	TEA		UTE	-0.11	UTE	UTE		2056	INLET	460HR
121	41	0.85	75	1	VOL		UTS	+15.67	UTE	UTS		4055	INLET	460SI
121	42	0.13	77	2	VOL		008	-5.18	008	008		4036	OUTLET	460SI
121	48	1.11	15	2	TEA		UTE	-0.20	UTE	UTE		2052	INLET	460HR
121	50	0.11	71	2	VOL		002	+9.92	002	002		4036	OUTLET	460SI
122	4	2.90	21	2	TEA		UTE	-0.17	UTE	UTE		2052	INLET	460HR
		0.39	77	2	SAI		015	-2.00	015	015		4033	OUTLET	460SI
		0.40	75	2	TWD	50	015	-2.00	015	015		4033	OUTLET	460SI
		0.09	83	2	SAI		015	-3.45	015	015		4033	OUTLET	460SI
		0.09	83	2	TWD	43	015	-3.45	015	015		4033	OUTLET	460SI
122	8	0.15	49	2	VOL		001	-5.93	001	001		4036	OUTLET	460SI
122	12	0.97	23	2	SAI		UTE	-0.33	UTE	UTE	CL/CS	2052	INLET	460HR
		0.97	23	2	TWD	69	UTE	-0.33	UTE	UTE		2052	INLET	460HR
122	39	0.80	14	2	TEA		UTE	-0.22	UTE	UTE		2051	INLET	460HR
122	85	0.18	51	P 3	TWD	4	003	-0.73	003	003	WAR	4011	OUTLET	460SI
122	92	0.24	68	2	VOL		014	-11.59	014	014		4011	OUTLET	460SI
123	11	1.71	27	2	TEA		UTE	-0.14	UTE	UTE		2052	INLET	460HR
123	20	1.25	24	2	TEA		UTE	-0.17	UTE	UTE		2051	INLET	460HR
123	21	1.42	34	2	TEA		UTE	-0.16	UTE	UTE		2052	INLET	460HR
123	23	1.28	14	2	TEA		UTE	-0.13	UTE	UTE		2052	INLET	460HR
123	27	0.80	17	2	TEA		UTE	-0.16	UTE	UTE		2052	INLET	460HR
123	29	0.24	63	2	VOL		015	+0.59	015	015		4036	OUTLET	460SI
123	87	2.60	30	2	TEA		UTE	-0.18	UTE	UTE		2034	INLET	460HR
123	88	1.31	21	2	TEA		UTE	-0.28	UTE	UTE		2033	INLET	460HR
123	102	0.11	61	2	VOL		014	+11.31	014	014		4043	OUTLET	460SI
		0.31	57	2	SAI		015	-5.56	015	015		4043	OUTLET	460SI
		0.29	65	2	TWD	86	015	-5.56	015	015		4043	OUTLET	460SI
123	104	7.45	192	1	DNT		LTS	+1.04	LTS	LTS		4043	OUTLET	460SI
		0.29	103	2	VOL		011	+4.84	011	011		4011	OUTLET	460SI
124	1	0.72	33	2	SAI		UTE	-3.73	UTE	UTS	TR	2052	INLET	460HR
		0.72	33	2	TWD	99	UTE	-3.73	UTE	UTS		2052	INLET	460HR
124	4	0.86	88	P 3	TWD	13	010	+0.68	010	010	WAR	4033	OUTLET	460SI
124	9	0.65	14	2	TEA		UTE	-0.25	UTE	UTE		2052	INLET	460HR
124	13	1.34	15	2	TEA		UTE	-0.15	UTE	UTE		2052	INLET	460HR
124	15	1.52	17	2	TEA		UTE	-0.17	UTE	UTE		2052	INLET	460HR
124	16	1.59	18	2	TEA		UTE	-0.16	UTE	UTE		2051	INLET	460HR
124	41	2.26	23	2	TEA		UTE	-0.15	UTE	UTE		2052	INLET	460HR
124	45	0.12	58	2	SAI		UTS	-8.09	UTS	UTS		4036	OUTLET	460SI
		0.12	58	2	TWD	65	UTS	-8.09	UTS	UTS		4036	OUTLET	460SI
		0.14	61	2	MAI		UTS	-7.13	UTS	UTS		4036	OUTLET	460SI
		0.14	61	2	TWD	60	UTS	-7.13	UTS	UTS		4036	OUTLET	460SI
		0.10	46	2	TWD	83	UTS	-7.13	UTS	UTS		4036	OUTLET	460SI
124	58	0.22	55	2	VOL		013	-9.24	013	013		4011	OUTLET	460SI
124	85	0.47	147	2	VOL		003	-0.76	003	003		4011	OUTLET	460SI
124	93	1.45	20	2	TEA		UTE	-0.14	UTE	UTE		2062	INLET	460HR
124	101	7.65	185	1	DNT		LTS	+1.23	LTS	LTS		4043	OUTLET	460SI
125	4	1.10	68	P 3	TWD	16	010	+0.69	010	010	WAR	4033	OUTLET	460SI
125	36	0.34	66	2	VOL		015	+0.75	015	015		4036	OUTLET	460SI
125	41	1.69	20	2	TEA		UTE	-0.23	UTE	UTE		2052	INLET	460HR
125	50	0.10	42	2	VOL		011	-2.82	011	011		4036	OUTLET	460SI
125	99	5.63	187	1	DNT		LTE	+1.90	LTE	LTE		4043	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		4.68	191	1	DNT		LTE	+6.39	LTE	LTE		4043	OUTLET	460SI
		0.13	41	2	VOL		011	-12.66	011	011		4010	OUTLET	460SI
		0.12	68	2	VOL		011	-11.22	011	011		4010	OUTLET	460SI
		0.26	69	P 3	TWD	6	011	+0.69	011	011	WAR	4010	OUTLET	460SI
125	100	11.58	186	1	DNT		LTS	+1.10	LTS	LTS		4014	OUTLET	460SI
126	2	0.13	72	2	VOL		UTS	+12.47	UTS	UTS		4033	OUTLET	460SI
126	4	1.05	80	P 3	TWD	16	010	+0.57	010	010	WAR	4033	OUTLET	460SI
126	5	0.67	65	P 3	TWD	10	010	+0.49	010	010	WAR	4033	OUTLET	460SI
126	15	1.24	15	2	TEA		UTE	-0.26	UTE	UTE		2051	INLET	460HR
126	22	0.95	14	2	TEA		UTE	-0.20	UTE	UTE		2051	INLET	460HR
126	91	0.15	75	2	VOL		013	+1.06	013	013		4014	OUTLET	460SI
127	5	0.87	100	P 3	TWD	11	010	+0.57	010	010	WAR	4036	OUTLET	460SI
127	7	0.87	15	2	TEA		UTE	-0.14	UTE	UTE		2051	INLET	460HR
127	23	0.90	15	2	TEA		UTE	-0.22	UTE	UTE		2051	INLET	460HR
127	30	0.25	120	2	VOL		014	+0.48	014	014		4036	OUTLET	460SI
		5.81	170	1	DNT		UTS	-19.35	UTS	UTS		4036	OUTLET	460SI
127	44	1.68	20	2	TEA		UTE	-0.22	UTE	UTE		2052	INLET	460HR
127	65	0.09	49	2	VOL		009	-16.43	009	009		4010	OUTLET	460SI
		0.09	53	2	VOL		009	+5.01	009	009		4010	OUTLET	460SI
127	75	0.07	55	2	VOL		014	-11.80	014	014		4010	OUTLET	460SI
127	84	2.60	22	2	TEA		UTE	-0.18	UTE	UTE		2034	INLET	460HR
127	85	2.80	29	2	TEA		UTE	-0.17	UTE	UTE		2033	INLET	460HR
127	92	0.18	59	P 3	TWD	4	009	+0.60	009	009	WAR	4014	OUTLET	460SI
		0.30	110	P 3	TWD	6	009	-0.71	009	009	WAR	4014	OUTLET	460SI
128	4	0.79	83	P 3	TWD	12	010	+0.33	010	010	WAR	4033	OUTLET	460SI
128	15	2.27	16	2	TEA		UTE	-0.20	UTE	UTE		2052	INLET	460HR
128	18	5.67	167	1	DNT		001	-22.03	001	001		4036	OUTLET	460SI
128	36	1.20	20	2	TEA		UTE	-0.10	UTE	UTE		2051	INLET	460HR
128	42	0.08	75	2	SAI		UTS	-6.56	UTS	UTS		4036	OUTLET	460SI
		0.08	75	2	TWD	26	UTS	-6.56	UTS	UTS		4036	OUTLET	460SI
		0.14	79	2	SAI		UTS	-5.66	UTS	UTS		4036	OUTLET	460SI
		0.14	79	2	TWD	12	UTS	-5.66	UTS	UTS		4036	OUTLET	460SI
		0.08	62	2	SAI		UTS	-5.04	UTS	UTS		4036	OUTLET	460SI
		0.08	62	2	TWD	58	UTS	-5.04	UTS	UTS		4036	OUTLET	460SI
		0.06	76	2	SAI		UTS	-4.38	UTS	UTS		4036	OUTLET	460SI
		0.06	76	2	TWD	23	UTS	-4.38	UTS	UTS		4036	OUTLET	460SI
		0.08	52	2	SAI		UTS	-3.98	UTS	UTS		4036	OUTLET	460SI
		0.08	52	2	TWD	75	UTS	-3.98	UTS	UTS		4036	OUTLET	460SI
128	43	0.99	10	2	TEA		UTE	-0.15	UTE	UTE		2051	INLET	460HR
128	54	0.88	16	2	TEA		UTE	-0.19	UTE	UTE		2034	INLET	460HR
128	74	0.11	53	2	VOL		015	-1.53	015	015		4010	OUTLET	460SI
129	12	2.08	18	2	TEA		UTE	-0.17	UTE	UTE		2051	INLET	460HR
129	25	0.28	77	2	VOL		015	-0.84	015	015		4036	OUTLET	460SI
129	27	0.24	125	2	VOL		003	-0.73	003	003		4036	OUTLET	460SI
129	75	10.44	359	1	DNT		006	+17.08	006	006		4010	OUTLET	460SI
129	83	1.11	23	2	TEA		UTE	-0.19	UTE	UTE		2034	INLET	460HR
129	86	0.11	81	2	VOL		UTS	-21.03	UTS	UTS		4010	OUTLET	460SI
129	89	0.10	65	2	SAI		013	+4.15	013	013		4010	OUTLET	460SI
		0.10	65	2	TWD	60	013	+4.15	013	013		4010	OUTLET	460SI
		0.07	129	2	SAI		014	-11.70	014	014		4010	OUTLET	460SI
		0.07	129	2	TWD	0	014	-11.70	014	014		4010	OUTLET	460SI
		0.09	70	2	SAI		014	-7.75	014	014		4010	OUTLET	460SI
		0.09	70	2	TWD	43	014	-7.75	014	014		4010	OUTLET	460SI
129	92	0.20	69	2	SAI		011	+7.05	010	011		4012	OUTLET	460SI
		0.20	69	2	TWD	39	011	+7.05	010	011		4012	OUTLET	460SI
129	94	7.41	3	1	DNT		LTE	+3.41	LTE	LTE		4012	OUTLET	460SI
130	1	0.43	99	2	VOL		013	+3.12	013	013		4055	INLET	460SI
130	2	0.23	93	2	VOL		011	+6.11	011	011		4033	OUTLET	460SI
130	4	0.45	147	2	VOL		010	+0.62	010	010		4036	OUTLET	460SI
130	6	0.51	120	2	VOL		010	+0.62	010	010		4036	OUTLET	460SI
130	11	0.08	59	2	VOL		012	-18.50	012	012		4036	OUTLET	460SI
130	26	0.20	127	2	VOL		014	+0.45	014	014		4036	OUTLET	460SI
130	42	0.71	18	2	TEA		UTE	-0.20	UTE	UTE		2051	INLET	460HR
130	82	1.41	28	2	TEA		UTE	-0.10	UTE	UTE		2037	INLET	460HR
131	5	0.45	71	2	VOL		009	+0.36	009	009		4036	OUTLET	460SI
131	36	0.08	74	2	VOL		014	+0.96	014	014		4036	OUTLET	460SI
131	39	0.08	69	2	SAI		UTS	-5.52	UTS	UTS		4036	OUTLET	460SI
		0.08	69	2	TWD	43	UTS	-5.52	UTS	UTS		4036	OUTLET	460SI
		0.87	21	2	TEA		UTE	-0.33	UTE	UTE		2047	INLET	460HR
		2.85	21	2	TEA		UTE	-0.33	UTE	UTE	IDOK	2090	INLET	460HR
131	40	0.67	23	2	TEA		UTE	-0.16	UTE	UTE		2048	INLET	460HR
131	68	0.19	53	2	VOL		015	+14.67	015	015		4010	OUTLET	460SI
131	80	0.24	69	2	VOL		012	-2.63	012	012		4010	OUTLET	460SI
131	83	0.14	70	2	SAI		010	+9.14	010	010		4010	OUTLET	460SI
		0.14	70	2	TWD	43	010	+9.14	010	010		4010	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
0.10	67	2	SAI		010	-20.09		010	010			4010	OUTLET	460SI
0.10	67	2	TWD	54	010	-20.09		010	010			4010	OUTLET	460SI
0.09	66	2	SAI		010	-19.07		010	010			4010	OUTLET	460SI
0.09	66	2	TWD	57	010	-19.07		010	010			4010	OUTLET	460SI
0.10	103	2	SAI		010	-17.73		010	010			4010	OUTLET	460SI
0.10	103	2	TWD	0	010	-17.73		010	010			4010	OUTLET	460SI
0.05	88	2	SAI		010	-11.99		010	010			4010	OUTLET	460SI
0.05	88	2	TWD	0	010	-11.99		010	010			4010	OUTLET	460SI
0.08	80	2	SAI		010	-5.09		010	010			4010	OUTLET	460SI
0.08	80	2	TWD	0	010	-5.09		010	010			4010	OUTLET	460SI
0.08	98	2	SAI		010	-4.29		010	010			4010	OUTLET	460SI
0.08	98	2	TWD	0	010	-4.29		010	010			4010	OUTLET	460SI
0.07	55	2	SAI		010	-2.68		010	010			4010	OUTLET	460SI
0.07	55	2	TWD	80	010	-2.68		010	010			4010	OUTLET	460SI
0.06	118	2	SAI		010	-2.11		010	010			4010	OUTLET	460SI
0.06	118	2	TWD	0	010	-2.11		010	010			4010	OUTLET	460SI
0.06	104	2	SAI		010	-1.32		010	010			4010	OUTLET	460SI
0.06	104	2	TWD	0	010	-1.32		010	010			4010	OUTLET	460SI
0.09	92	2	SAI		012	-13.22		012	012			4010	OUTLET	460SI
0.09	92	2	TWD	0	012	-13.22		012	012			4010	OUTLET	460SI
0.08	105	2	SAI		012	-10.97		012	012			4010	OUTLET	460SI
0.08	105	2	TWD	0	012	-10.97		012	012			4010	OUTLET	460SI
0.12	70	2	SAI		012	-9.64		012	012			4010	OUTLET	460SI
0.12	70	2	TWD	43	012	-9.64		012	012			4010	OUTLET	460SI
0.10	86	2	SAI		012	-8.53		012	012			4010	OUTLET	460SI
0.10	86	2	TWD	0	012	-8.53		012	012			4010	OUTLET	460SI
0.09	88	2	SAI		012	-7.42		012	012			4010	OUTLET	460SI
0.09	88	2	TWD	0	012	-7.42		012	012			4010	OUTLET	460SI
0.09	100	2	SAI		012	-5.52		012	012			4010	OUTLET	460SI
0.09	100	2	TWD	0	012	-5.52		012	012			4010	OUTLET	460SI
0.09	71	2	SAI		013	-25.79		013	013			4010	OUTLET	460SI
0.09	71	2	TWD	39	013	-25.79		013	013			4010	OUTLET	460SI
0.07	77	2	SAI		013	-25.36		013	013			4010	OUTLET	460SI
0.07	77	2	TWD	0	013	-25.36		013	013			4010	OUTLET	460SI
0.16	70	2	SAI		013	-23.45		013	013			4010	OUTLET	460SI
0.16	70	2	TWD	43	013	-23.45		013	013			4010	OUTLET	460SI
0.12	86	2	SAI		013	-23.79		013	013			4010	OUTLET	460SI
0.12	86	2	TWD	0	013	-23.79		013	013			4010	OUTLET	460SI
0.12	92	2	SAI		013	-21.23		013	013			4010	OUTLET	460SI
0.12	92	2	TWD	0	013	-21.23		013	013			4010	OUTLET	460SI
0.11	66	2	SAI		013	-20.26		013	013			4010	OUTLET	460SI
0.11	66	2	TWD	57	013	-20.26		013	013			4010	OUTLET	460SI
0.15	92	2	SAI		013	-18.98		013	013			4010	OUTLET	460SI
0.15	92	2	TWD	0	013	-18.98		013	013			4010	OUTLET	460SI
0.13	82	2	SAI		013	-18.06		013	013			4010	OUTLET	460SI
0.13	82	2	TWD	0	013	-18.06		013	013			4010	OUTLET	460SI
0.12	89	2	SAI		013	-14.52		013	013			4010	OUTLET	460SI
0.12	89	2	TWD	0	013	-14.52		013	013			4010	OUTLET	460SI
0.10	82	2	SAI		013	-13.50		013	013			4010	OUTLET	460SI
0.10	82	2	TWD	0	013	-13.50		013	013			4010	OUTLET	460SI
0.08	75	2	SAI		013	-12.31		013	013			4010	OUTLET	460SI
0.08	75	2	TWD	16	013	-12.31		013	013			4010	OUTLET	460SI
0.09	89	2	SAI		013	-11.34		013	013			4010	OUTLET	460SI
0.09	89	2	TWD	0	013	-11.34		013	013			4010	OUTLET	460SI
0.12	78	2	SAI		013	-8.99		013	013			4010	OUTLET	460SI
0.12	78	2	TWD	0	013	-8.99		013	013			4010	OUTLET	460SI
0.12	83	2	SAI		013	+4.54		013	013			4010	OUTLET	460SI
0.12	83	2	TWD	0	013	+4.54		013	013			4010	OUTLET	460SI
0.06	121	2	SAI		013	+8.97		013	013			4010	OUTLET	460SI
0.06	121	2	TWD	0	013	+8.97		013	013			4010	OUTLET	460SI
0.13	77	2	SAI		013	-27.22		013	013			4010	OUTLET	460SI
0.13	77	2	TWD	0	013	-27.22		013	013			4010	OUTLET	460SI
131 85	0.64	18	2	TEA	UTE	-0.21		UTE	UTE			2061	INLET	460HR
	0.11	77	2	SAI	010	+6.13		010	010			4010	OUTLET	460SI
	0.11	77	2	TWD	0	+6.13		010	010			4010	OUTLET	460SI
	0.15	64	2	SAI	010	+7.84		010	010			4010	OUTLET	460SI
	0.15	64	2	TWD	63	+7.84		010	010			4010	OUTLET	460SI
	0.12	65	2	SAI	010	+8.23		010	010			4010	OUTLET	460SI
	0.12	65	2	TWD	60	+8.23		010	010			4010	OUTLET	460SI
	0.08	95	2	SAI	010	+9.41		010	010			4010	OUTLET	460SI
	0.08	95	2	TWD	0	+9.41		010	010			4010	OUTLET	460SI
	0.08	94	2	SAI	010	+10.40		010	010			4010	OUTLET	460SI
	0.08	94	2	TWD	0	+10.40		010	010			4010	OUTLET	460SI
	0.09	60	2	SAI	010	+11.57		010	010			4010	OUTLET	460SI
	0.09	60	2	TWD	71	+11.57		010	010			4010	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	0.16	64	2	SAI		010	+12.49	010	010			4010	OUTLET	460SI
	0.16	64	2	TWD	63	010	+12.49	010	010			4010	OUTLET	460SI
	0.11	64	2	SAI		010	+13.73	010	010			4010	OUTLET	460SI
	0.11	64	2	TWD	63	010	+13.73	010	010			4010	OUTLET	460SI
	0.13	75	2	SAI		010	+14.73	010	010			4010	OUTLET	460SI
	0.13	75	2	TWD	16	010	+14.73	010	010			4010	OUTLET	460SI
	0.14	41	2	SAI		010	+15.63	010	010			4010	OUTLET	460SI
	0.14	41	2	TWD	94	010	+15.63	010	010			4010	OUTLET	460SI
	0.09	84	2	SAI		011	-11.26	011	011			4010	OUTLET	460SI
	0.09	84	2	TWD	0	011	-11.26	011	011			4010	OUTLET	460SI
	0.09	127	2	SAI		011	-9.04	011	011			4010	OUTLET	460SI
	0.09	127	2	TWD	0	011	-9.04	011	011			4010	OUTLET	460SI
	0.12	90	2	SAI		011	-7.99	011	011			4010	OUTLET	460SI
	0.12	90	2	TWD	0	011	-7.99	011	011			4010	OUTLET	460SI
	0.09	81	2	SAI		011	-6.82	011	011			4010	OUTLET	460SI
	0.09	81	2	TWD	0	011	-6.82	011	011			4010	OUTLET	460SI
	0.19	82	2	SAI		011	-5.70	011	011			4010	OUTLET	460SI
	0.19	82	2	TWD	0	011	-5.70	011	011			4010	OUTLET	460SI
	0.06	86	2	SAI		011	-4.97	011	011			4010	OUTLET	460SI
	0.06	86	2	TWD	0	011	-4.97	011	011			4010	OUTLET	460SI
	0.12	97	2	SAI		011	-3.61	011	011			4010	OUTLET	460SI
	0.12	97	2	TWD	0	011	-3.61	011	011			4010	OUTLET	460SI
	0.12	79	2	SAI		011	-2.61	011	011			4010	OUTLET	460SI
	0.12	79	2	TWD	0	011	-2.61	011	011			4010	OUTLET	460SI
	0.10	63	2	SAI		011	-1.60	011	011			4010	OUTLET	460SI
	0.10	63	2	TWD	65	011	-1.60	011	011			4010	OUTLET	460SI
	0.13	58	2	SAI		011	+3.11	011	011			4010	OUTLET	460SI
	0.13	58	2	TWD	75	011	+3.11	011	011			4010	OUTLET	460SI
131 86	0.31	98	2	VOL		UTE	-2.45	UTE	UTE	CS		2061	INLET	460HR
	4.44	8	1	DNT		LTE	+3.89	LTE	LTS			4010	OUTLET	460SI
	0.09	90	2	SAI		012	-4.03	012	013			4010	OUTLET	460SI
	0.09	90	2	TWD	0	012	-4.03	012	013			4010	OUTLET	460SI
	0.05	118	2	SAI		012	+4.69	012	013			4010	OUTLET	460SI
	0.05	118	2	TWD	0	012	+4.69	012	013			4010	OUTLET	460SI
	0.05	109	2	SAI		012	+5.77	012	013			4010	OUTLET	460SI
	0.05	109	2	TWD	0	012	+5.77	012	013			4010	OUTLET	460SI
	0.11	76	2	SAI		012	+6.95	012	013			4010	OUTLET	460SI
	0.11	76	2	TWD	9	012	+6.95	012	013			4010	OUTLET	460SI
	0.10	108	2	SAI		012	+11.48	012	013			4010	OUTLET	460SI
	0.10	108	2	TWD	0	012	+11.48	012	013			4010	OUTLET	460SI
	0.12	126	2	SAI		012	+12.31	012	013			4010	OUTLET	460SI
	0.12	126	2	TWD	0	012	+12.31	012	013			4010	OUTLET	460SI
	0.10	77	2	SAI		012	+12.99	012	013			4010	OUTLET	460SI
	0.10	77	2	TWD	0	012	+12.99	012	013			4010	OUTLET	460SI
	0.11	56	2	SAI		012	+13.82	012	013			4010	OUTLET	460SI
	0.11	56	2	TWD	78	012	+13.82	012	013			4010	OUTLET	460SI
	0.09	69	2	SAI		012	+14.70	012	013			4010	OUTLET	460SI
	0.09	69	2	TWD	47	012	+14.70	012	013			4010	OUTLET	460SI
	0.10	104	2	SAI		012	+18.95	012	013			4010	OUTLET	460SI
	0.10	104	2	TWD	0	012	+18.95	012	013			4010	OUTLET	460SI
	0.06	101	2	SAI		012	+20.04	012	013			4010	OUTLET	460SI
	0.06	101	2	TWD	0	012	+20.04	012	013			4010	OUTLET	460SI
	0.13	73	2	SAI		012	+22.13	012	013			4010	OUTLET	460SI
	0.13	73	2	TWD	29	012	+22.13	012	013			4010	OUTLET	460SI
	0.07	75	2	SAI		012	+23.38	012	013			4010	OUTLET	460SI
	0.07	75	2	TWD	16	012	+23.38	012	013			4010	OUTLET	460SI
	0.12	76	2	SAI		012	+23.86	012	013			4010	OUTLET	460SI
	0.12	76	2	TWD	9	012	+23.86	012	013			4010	OUTLET	460SI
	0.16	64	2	SAI		012	+24.93	012	013			4010	OUTLET	460SI
	0.16	64	2	TWD	63	012	+24.93	012	013			4010	OUTLET	460SI
	0.11	47	2	SAI		012	+25.76	012	013			4010	OUTLET	460SI
	0.11	47	2	TWD	89	012	+25.76	012	013			4010	OUTLET	460SI
	0.12	62	2	SAI		012	+26.47	012	013			4010	OUTLET	460SI
	0.12	62	2	TWD	67	012	+26.47	012	013			4010	OUTLET	460SI
	0.11	70	2	SAI		012	+28.55	012	013			4010	OUTLET	460SI
	0.11	70	2	TWD	43	012	+28.55	012	013			4010	OUTLET	460SI
131 87	3.30	8	1	DNT		LTE	+5.56	LTE	LTE			4012	OUTLET	460SI
	0.38	66	2	SAI		010	+8.40	010	010			4012	OUTLET	460SI
	0.38	66	2	TWD	49	010	+8.40	010	010			4012	OUTLET	460SI
	0.34	68	2	SAI		010	+9.58	010	010			4012	OUTLET	460SI
	0.34	68	2	TWD	42	010	+9.58	010	010			4012	OUTLET	460SI
	0.39	52	2	SAI		010	+10.93	010	010			4012	OUTLET	460SI
	0.39	52	2	TWD	79	010	+10.93	010	010			4012	OUTLET	460SI
	0.35	68	2	SAI		010	+11.44	010	010			4012	OUTLET	460SI
	0.35	68	2	TWD	42	010	+11.44	010	010			4012	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.40	66	2	SAI		010	+12.29	010	010		4012	OUTLET	460SI
		0.40	66	2	TWD	49	010	+12.29	010	010		4012	OUTLET	460SI
		0.18	59	2	SAI		011	-7.45	011	011		4012	OUTLET	460SI
		0.18	59	2	TWD	67	011	-7.45	011	011		4012	OUTLET	460SI
131	90	0.11	74	2	SAI		012	-18.97	012	012		4012	OUTLET	460SI
		0.11	74	2	TWD	16	012	-18.97	012	012		4012	OUTLET	460SI
		0.09	89	2	SAI		012	-15.02	012	012		4012	OUTLET	460SI
		0.09	89	2	TWD	0	012	-15.02	012	012		4012	OUTLET	460SI
		0.11	80	2	SAI		012	-14.56	012	012		4012	OUTLET	460SI
		0.11	80	2	TWD	0	012	-14.56	012	012		4012	OUTLET	460SI
		0.13	94	2	SAI		012	-13.63	012	012		4012	OUTLET	460SI
		0.13	94	2	TWD	0	012	-13.63	012	012		4012	OUTLET	460SI
		0.07	89	2	SAI		012	-13.08	012	012		4012	OUTLET	460SI
		0.07	89	2	TWD	0	012	-13.08	012	012		4012	OUTLET	460SI
		0.11	83	2	SAI		012	-12.25	012	012		4012	OUTLET	460SI
		0.11	83	2	TWD	0	012	-12.25	012	012		4012	OUTLET	460SI
		0.16	76	2	SAI		012	-11.37	012	012		4012	OUTLET	460SI
		0.16	76	2	TWD	3	012	-11.37	012	012		4012	OUTLET	460SI
		0.15	66	2	SAI		012	-5.70	012	012		4012	OUTLET	460SI
		0.15	66	2	TWD	49	012	-5.70	012	012		4012	OUTLET	460SI
		0.18	67	2	SAI		012	-4.65	012	012		4012	OUTLET	460SI
		0.18	67	2	TWD	46	012	-4.65	012	012		4012	OUTLET	460SI
		0.16	63	2	SAI		012	-3.39	012	012		4012	OUTLET	460SI
		0.16	63	2	TWD	57	012	-3.39	012	012		4012	OUTLET	460SI
		0.12	58	2	SAI		012	-2.19	012	012		4012	OUTLET	460SI
		0.12	58	2	TWD	69	012	-2.19	012	012		4012	OUTLET	460SI
		0.12	72	2	SAI		012	+6.13	012	012		4012	OUTLET	460SI
		0.12	72	2	TWD	26	012	+6.13	012	012		4012	OUTLET	460SI
		0.14	72	2	SAI		012	+7.35	012	012		4012	OUTLET	460SI
		0.14	72	2	TWD	26	012	+7.35	012	012		4012	OUTLET	460SI
		0.10	76	2	SAI		012	+12.45	012	012		4012	OUTLET	460SI
		0.10	76	2	TWD	3	012	+12.45	012	012		4012	OUTLET	460SI
132	12	1.32	15	2	TEA		UTE	-0.15	UTE	UTE		2048	INLET	460HR
132	29	10.40	180	1	DNT		003	+2.32	003	003		4036	OUTLET	460SI
132	33	0.10	83	2	VOL		014	+1.12	014	014		4036	OUTLET	460SI
132	75	0.23	65	2	VOL		008	+11.37	008	008		4010	OUTLET	460SI
132	80	0.21	87	2	VOL		008	-0.65	008	008		4010	OUTLET	460SI
132	81	5.28	352	1	DNT		LTE	+3.01	LTE	LTE		4043	OUTLET	460SI
132	82	0.61	76	P 3	TWD	13	009	+0.60	009	009	WAR	4010	OUTLET	460SI
		0.09	68	2	SAI		010	+16.34	010	010		4010	OUTLET	460SI
		0.09	68	2	TWD	51	010	+16.34	010	010		4010	OUTLET	460SI
		0.09	71	2	SAI		010	+14.01	010	010		4010	OUTLET	460SI
		0.09	71	2	TWD	39	010	+14.01	010	010		4010	OUTLET	460SI
		0.13	80	2	SAI		010	+11.85	010	010		4010	OUTLET	460SI
		0.13	80	2	TWD	0	010	+11.85	010	010		4010	OUTLET	460SI
		0.16	80	2	SAI		010	+9.75	010	010		4010	OUTLET	460SI
		0.16	80	2	TWD	0	010	+9.75	010	010		4010	OUTLET	460SI
		0.10	63	2	SAI		010	+12.94	010	010		4010	OUTLET	460SI
		0.10	63	2	TWD	65	010	+12.94	010	010		4010	OUTLET	460SI
133	26	0.13	72	2	SAI		015	-11.55	015	015		4036	OUTLET	460SI
		0.12	76	2	TWD	23	015	-11.55	015	015		4036	OUTLET	460SI
133	39	0.86	24	2	TEA		UTE	-0.06	UTE	UTE		2047	INLET	460HR
133	62	0.24	118	2	VOL		015	-0.45	015	015		4010	OUTLET	460SI
		0.22	118	2	VOL		015	-0.11	015	015		4010	OUTLET	460SI
133	83	0.13	102	2	SAI		012	-2.52	012	012		4009	OUTLET	460SI
		0.13	102	2	TWD	0	012	-2.52	012	012		4009	OUTLET	460SI
		0.12	85	2	SAI		012	-6.01	012	012		4009	OUTLET	460SI
		0.12	85	2	TWD	0	012	-6.01	012	012		4009	OUTLET	460SI
		0.13	91	2	SAI		012	-8.85	012	012		4009	OUTLET	460SI
		0.13	91	2	TWD	0	012	-8.85	012	012		4009	OUTLET	460SI
		0.18	65	2	SAI		014	+4.33	014	014		4009	OUTLET	460SI
		0.18	65	2	TWD	67	014	+4.33	014	014		4009	OUTLET	460SI
133	85	0.12	75	2	SAI		011	-5.33	011	011		4009	OUTLET	460SI
		0.12	75	2	TWD	34	011	-5.33	011	011		4009	OUTLET	460SI
		0.07	76	2	SAI		011	-6.79	011	011		4009	OUTLET	460SI
		0.07	76	2	TWD	29	011	-6.79	011	011		4009	OUTLET	460SI
		0.07	56	2	SAI		011	-14.61	011	011		4009	OUTLET	460SI
		0.07	56	2	TWD	82	011	-14.61	011	011		4009	OUTLET	460SI
134	9	0.95	19	2	TEA		UTE	-0.06	UTE	UTE		2047	INLET	460HR
134	27	12.64	182	1	DNT		003	+4.54	003	003		4036	OUTLET	460SI
134	29	0.16	84	2	SAI		010	+16.58	010	010		4036	OUTLET	460SI
		0.16	84	2	TWD	0	010	+16.58	010	010		4036	OUTLET	460SI
		0.15	70	2	SAI		010	-10.10	TO-2.48	010	010	4036	OUTLET	460SI
		0.15	71	2	TWD	37	010	-10.10	TO-2.48	010	010	4036	OUTLET	460SI
		0.08	61	2	SAI		011	+18.72	TO+20.02	011	011	4036	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
134	32	0.08	61	2	TWD	60	011	+18.72	TO+20.02	011	011	4036	OUTLET	460SI
134	32	0.17	57	2	VOL		007	+17.45		007	007	4036	OUTLET	460SI
134	37	0.17	48	2	VOL		010	+15.08		010	010	4036	OUTLET	460SI
		0.15	73	2	SAI		012	-12.85		012	012	4036	OUTLET	460SI
		0.14	73	2	TWD	32	012	-12.85		012	012	4036	OUTLET	460SI
		0.13	81	2	SAI		012	-15.33	TO-18.05	012	012	4036	OUTLET	460SI
		0.13	81	2	TWD	5	012	-15.33	TO-18.05	012	012	4036	OUTLET	460SI
		0.16	38	2	SAI		012	-19.23		012	012	4036	OUTLET	460SI
		0.16	38	2	TWD	92	012	-19.23		012	012	4036	OUTLET	460SI
134	38	0.22	60	2	SAI		UTS	-13.03		UTS	UTS	4036	OUTLET	460SI
		0.24	59	2	TWD	64	UTS	-13.03		UTS	UTS	4036	OUTLET	460SI
		0.12	69	2	SAI		UTS	-11.23		UTS	UTS	4036	OUTLET	460SI
		0.12	69	2	TWD	43	UTS	-11.23		UTS	UTS	4036	OUTLET	460SI
		0.19	82	2	SAI		UTS	-6.49		UTS	UTS	4036	OUTLET	460SI
		0.19	82	2	TWD	0	UTS	-6.49		UTS	UTS	4036	OUTLET	460SI
		0.26	71	2	SAI		UTS	-2.82		UTS	UTS	4036	OUTLET	460SI
		0.26	71	2	TWD	37	UTS	-2.82		UTS	UTS	4036	OUTLET	460SI
		0.22	74	2	SAI		UTS	-2.32		UTS	UTS	4036	OUTLET	460SI
		0.22	74	2	TWD	29	UTS	-2.32		UTS	UTS	4036	OUTLET	460SI
		0.10	111	2	SAI		UTS	-1.93		UTS	UTS	4036	OUTLET	460SI
		0.10	111	2	TWD	0	UTS	-1.93		UTS	UTS	4036	OUTLET	460SI
		0.22	73	2	SAI		UTS	-1.22		UTS	UTS	4036	OUTLET	460SI
		0.22	73	2	TWD	32	UTS	-1.22		UTS	UTS	4036	OUTLET	460SI
134	66	0.98	17	2	TEA		UTE	-0.19		UTE	UTE	2038	INLET	460HR
134	67	1.98	28	2	TEA		UTE	-0.10		UTE	UTE	2037	INLET	460HR
134	84	0.19	105	2	VOL		010	+0.65		010	010	4009	OUTLET	460SI
134	85	2.55	0	1	DNT		LTS	+1.30		LTS	LTS	4012	OUTLET	460SI
135	3	0.26	72	2	VOL		004	+18.97		004	004	4036	OUTLET	460SI
135	22	0.15	69	2	SAI		008	-1.34		008	008	4036	OUTLET	460SI
		0.15	66	2	TWD	50	008	-1.34		008	008	4036	OUTLET	460SI
135	26	0.19	65	2	SAI		013	-5.57		013	013	4036	OUTLET	460SI
		0.20	60	2	TWD	62	013	-5.57		013	013	4036	OUTLET	460SI
135	28	2.43	188	1	DNT		LTE	+2.07		LTE	LTS	4036	OUTLET	460SI
		2.08	188	1	DNT		LTE	+3.43		LTE	LTS	4036	OUTLET	460SI
		2.88	185	1	DNT		LTE	+4.77		LTE	LTS	4036	OUTLET	460SI
135	35	1.55	21	2	TEA		UTE	-0.30		UTE	UTE	2047	INLET	460HR
135	56	3.16	186	1	DNT		LTS	-17.12		LTS	LTS	4009	OUTLET	460SI
135	65	1.82	28	2	TEA		UTE	-0.08		UTE	UTE	2037	INLET	460HR
135	73	3.00	196	1	DNT		LTS	-20.67		LTS	LTS	4009	OUTLET	460SI
135	75	0.08	70	2	VOL		008	-1.74		008	008	4009	OUTLET	460SI
		0.19	74	2	VOL		008	-14.43		008	008	4009	OUTLET	460SI
135	79	0.08	62	2	SAI		013	+2.21		013	013	4009	OUTLET	460SI
		0.08	62	2	TWD	73	013	+2.21		013	013	4009	OUTLET	460SI
		0.10	72	2	SAI		014	-17.50		014	014	4009	OUTLET	460SI
		0.10	72	2	TWD	47	014	-17.50		014	014	4009	OUTLET	460SI
135	80	3.85	173	1	DNT		LTE	+2.70		LTE	LTE	4012	OUTLET	460SI
		3.69	167	1	DNT		LTE	+4.24		LTE	LTE	4012	OUTLET	460SI
136	3	0.75	73	P 3	TWD	12	014	-0.72		014	014	4036	OUTLET	460SI
136	15	2.60	16	2	TEA		UTE	-0.34		UTE	UTE	2090	INLET	460HR
136	20	0.15	109	2	VOL		014	+0.36		014	014	4036	OUTLET	460SI
136	25	2.91	184	P 3	DNT		003	+0.27		003	003	4036	OUTLET	460SI
		6.54	183	1	DNT		003	+1.78		003	003	4036	OUTLET	460SI
		7.25	179	1	DNT		004	-3.15		004	004	4036	OUTLET	460SI
136	29	0.23	71	2	VOL		015	+0.50		015	015	4036	OUTLET	460SI
136	44	0.19	35	2	VOL		010	+14.26		010	010	4009	OUTLET	460SI
136	54	0.14	77	2	VOL		006	+7.85		006	006	4009	OUTLET	460SI
136	61	0.08	117	2	VOL		009	+2.38		009	009	4009	OUTLET	460SI
136	74	1.95	171	1	DNT		LTS	-17.18		LTS	LTS	4009	OUTLET	460SI
136	76	0.47	98	P 3	TWD	12	009	-0.59		009	009	4009	OUTLET	460SI
136	80	0.17	72	2	SAI		013	-15.94		013	013	4009	OUTLET	460SI
		0.17	72	2	TWD	47	013	-15.94		013	013	4009	OUTLET	460SI
137	3	0.72	66	P 3	TWD	10	010	-0.66		010	010	4036	OUTLET	460SI
137	22	6.21	181	1	DNT		003	+2.23		003	003	4036	OUTLET	460SI
		8.19	176	1	DNT		003	+2.63		003	003	4036	OUTLET	460SI
137	24	5.45	182	1	DNT		003	+1.75		003	003	4036	OUTLET	460SI
		6.35	181	1	DNT		003	+4.01		003	003	4036	OUTLET	460SI
137	27	0.14	36	2	SAI		012	-12.33		012	012	4036	OUTLET	460SI
		0.14	36	2	TWD	100	012	-12.33		012	012	4036	OUTLET	460SI
		0.07	75	2	SAI		012	-11.28		012	012	4036	OUTLET	460SI
		0.07	75	2	TWD	26	012	-11.28		012	012	4036	OUTLET	460SI
		0.13	51	2	SAI		012	-9.05		012	012	4036	OUTLET	460SI
		0.13	51	2	TWD	77	012	-9.05		012	012	4036	OUTLET	460SI
		0.14	45	2	SAI		012	-4.73		012	012	4036	OUTLET	460SI
		0.15	51	2	TWD	77	012	-4.73		012	012	4036	OUTLET	460SI
		0.09	40	2	SAI		012	-1.84		012	012	4036	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
137	60	0.10	40	2	TWD	90	012	-1.84	012	012		4036	OUTLET	460SI
137	60	0.57	151	2	VOL		004	-0.73	004	004		4009	OUTLET	460SI
137	61	0.26	21	2	VOL		015	+0.18	015	015		4009	OUTLET	460SI
137	66	2.55	187	1	DNT		LTE	+3.26	LTE	LTE		4043	OUTLET	460SI
137	70	1.25	165	1	DNT		LTS	-20.60	LTS	LTS		4009	OUTLET	460SI
		0.07	69	2	SAI		015	+7.89	015	015		4009	OUTLET	460SI
		0.07	69	2	TWD	57	015	+7.89	015	015		4009	OUTLET	460SI
137	77	20.72	184	1	DNT		LTS	+1.04	LTS	LTS		4012	OUTLET	460SI
		0.61	131	2	VOL		010	+0.23	010	010	IDOK	4012	OUTLET	460SI
		0.15	76	2	SAI		011	-3.63	011	011		4012	OUTLET	460SI
		0.15	76	2	TWD	3	011	-3.63	011	011		4012	OUTLET	460SI
		19.14	2	1	DNT		LTS	+1.07	LTS	LTS		4009	OUTLET	460SI
		0.36	147	2	VOL		010	+0.23	010	010		4009	OUTLET	460SI
		0.17	58	2	SAI		011	-3.59	011	012		4009	OUTLET	460SI
		0.17	58	2	TWD	69	011	-3.59	011	012		4009	OUTLET	460SI
137	78	12.32	358	1	DNT		LTS	+1.25	LTS	LTS		4012	OUTLET	460SI
		0.60	88	P 3	TWD	13	010	-0.34	010	010	WAR	4012	OUTLET	460SI
		0.30	65	2	SAI		013	-8.41	013	013		4012	OUTLET	460SI
		0.29	65	2	TWD	52	013	-8.41	013	013		4012	OUTLET	460SI
138	3	1.75	18	2	TEA		UTE	-0.29	UTE	UTE		2046	INLET	460HR
138	4	0.13	27	2	VOL		002	-16.57	002	002		4033	OUTLET	460SI
138	11	0.07	47	2	VOL		013	+5.04	013	013		4036	OUTLET	460SI
138	18	0.18	47	2	VOL		LTS	+20.16	LTS	LTS		4036	OUTLET	460SI
138	43	1.30	24	2	TEA		UTE	-0.08	UTE	UTE		2037	INLET	460HR
138	44	0.12	102	2	VOL		008	-0.14	008	008		4009	OUTLET	460SI
138	49	0.16	9	2	VOL		003	-10.71	003	003		4009	OUTLET	460SI
138	51	2.37	24	2	TEA		UTE	-0.16	UTE	UTE		2037	INLET	460HR
138	62	1.69	17	2	TEA		UTE	-0.19	UTE	UTE		2038	INLET	460HR
138	63	3.17	26	2	TEA		UTE	-0.07	UTE	UTE		2037	INLET	460HR
138	70	10.71	171	1	DNT		008	-0.20	008	008		4009	OUTLET	460SI
		5.47	359	1	DNT		010	-8.67	010	010		4009	OUTLET	460SI
138	75	0.07	90	2	SAI		010	+14.00	010	010		4043	OUTLET	460SI
		0.07	90	2	TWD	74	010	+14.00	010	010		4043	OUTLET	460SI
		0.10	68	2	SAI		010	+14.19	010	010		4043	OUTLET	460SI
		0.10	68	2	TWD	85	010	+14.19	010	010		4043	OUTLET	460SI
		0.06	84	2	SAI		010	+16.81	010	010		4043	OUTLET	460SI
		0.06	84	2	TWD	77	010	+16.81	010	010		4043	OUTLET	460SI
		0.08	99	2	SAI		010	+21.12	010	010		4043	OUTLET	460SI
		0.08	99	2	TWD	69	010	+21.12	010	010		4043	OUTLET	460SI
		16.79	157	1	DNT		LTS	+0.62	LTS	LTS		4062	INLET	460SI
139	3	0.51	79	P 3	TWD	8	010	+0.41	010	010	WAR	4033	OUTLET	460SI
139	5	0.30	120	2	VOL		008	-0.28	008	008		4036	OUTLET	460SI
139	20	0.17	65	2	VOL		011	-4.51	011	011		4036	OUTLET	460SI
139	24	6.29	6	1	DNT		LTE	+2.96	LTE	LTS		4036	OUTLET	460SI
		5.69	7	1	DNT		LTE	+3.17	LTE	LTS		4036	OUTLET	460SI
		4.23	2	1	DNT		LTE	+3.35	LTE	LTS		4036	OUTLET	460SI
		3.52	7	1	DNT		LTE	+3.62	LTE	LTS		4036	OUTLET	460SI
		2.69	14	1	DNT		LTE	+4.58	LTE	LTS		4036	OUTLET	460SI
139	32	0.74	43	2	TEA		UTE	-0.15	UTE	UTE		2045	INLET	460HR
139	39	1.01	16	2	TEA		UTE	-0.22	UTE	UTE		2038	INLET	460HR
139	43	0.06	47	2	VOL		015	+4.74	015	015		4009	OUTLET	460SI
139	60	2.45	18	2	SAI		UTE	-0.31	UTE	UTE	CL	2038	INLET	460HR
		2.45	18	2	TWD	62	UTE	-0.31	UTE	UTE		2038	INLET	460HR
139	66	1.58	17	2	TEA		UTE	-0.23	UTE	UTE		2038	INLET	460HR
139	70	0.10	34	2	VOL		LTS	+4.30	LTS	LTS		4009	OUTLET	460SI
140	1	0.60	145	P 3	TWD	18	012	-0.62	012	012	WAR	4055	INLET	460SI
		0.70	124	P 3	TWD	20	011	-0.79	011	011	WAR	4055	INLET	460SI
140	3	0.83	120	P 3	TWD	13	010	-0.48	010	010	WAR	4033	OUTLET	460SI
140	5	0.24	316	2	VOL		009	-0.90	009	009		4033	OUTLET	460SI
140	31	1.40	15	2	TEA		UTE	-0.29	UTE	UTE		2046	INLET	460HR
140	42	0.81	11	2	TEA		UTE	-0.22	UTE	UTE		2038	INLET	460HR
140	56	1.10	9	2	TEA		UTE	-0.19	UTE	UTE		2038	INLET	460HR
140	69	2.77	145	1	DNT		LTE	+2.18	LTE	LTS		4009	OUTLET	460SI
140	71	9.83	354	1	DNT		LTS	+1.20	LTS	LTS		4012	OUTLET	460SI
141	1	1.13	42	P 3	TWD	17	014	-0.82	014	014	WAR	4033	OUTLET	460SI
		0.58	91	P 3	TWD	9	014	-0.51	014	014	WAR	4033	OUTLET	460SI
141	24	3.02	178	1	DNT		LTE	+23.11	LTE	LTS		4030	OUTLET	460SI
		4.85	174	1	DNT		LTE	+1.90	LTE	LTS		4030	OUTLET	460SI
		4.51	177	1	DNT		LTE	+3.07	LTE	LTS		4030	OUTLET	460SI
		4.96	192	1	DNT		LTE	+4.14	LTE	LTS		4030	OUTLET	460SI
		2.31	188	1	DNT		LTE	+4.96	LTE	LTS		4030	OUTLET	460SI
		2.98	185	1	DNT		LTE	+5.23	LTE	LTS		4030	OUTLET	460SI
		3.63	192	1	DNT		LTE	+6.56	LTE	LTS		4030	OUTLET	460SI
		3.59	196	1	DNT		LTE	+6.97	LTE	LTS		4030	OUTLET	460SI
		3.65	192	1	DNT		LTE	+7.23	LTE	LTS		4030	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		3.70	188	1	DNT		LTE	+8.31	LTE	LTS		4030	OUTLET	460SI
		3.79	189	1	DNT		LTE	+8.13	LTE	LTS		4030	OUTLET	460SI
		1.75	192	1	DNT		LTE	+17.56	LTE	LTS		4030	OUTLET	460SI
		3.56	185	1	DNT		LTE	+18.70	LTE	LTS		4030	OUTLET	460SI
		4.77	189	1	DNT		LTE	+19.06	LTE	LTS		4030	OUTLET	460SI
		1.23	208	1	DNT		LTE	+20.33	LTE	LTS		4030	OUTLET	460SI
		2.65	193	1	DNT		LTE	+20.64	LTE	LTS		4030	OUTLET	460SI
		2.95	182	1	DNT		LTE	+21.08	LTE	LTS		4030	OUTLET	460SI
		2.42	168	1	DNT		LTE	+21.10	LTE	LTS		4030	OUTLET	460SI
		3.26	186	1	DNT		LTE	+21.39	LTE	LTS		4030	OUTLET	460SI
141	46	0.14	30	2	VOL		001	+2.07	001	001		4009	OUTLET	460SI
141	55	0.27	61	P 3	TWD 6		015	+0.31	015	015	WAR	4009	OUTLET	460SI
141	59	0.45	103	P 3	TWD 9		008	-0.71	008	008	WAR	4009	OUTLET	460SI
141	68	2.32	10	1	DNT		LTE	+4.52	LTE	LTE		4012	OUTLET	460SI
142	1	0.81	62	P 3	TWD 16		014	-0.66	014	014	WAR	4030	OUTLET	460SI
142	8	0.77	20	P 3	TWD 15		008	-0.42	008	008	WAR	4030	OUTLET	460SI
142	12	0.19	36	2	VOL		014	+0.26	014	014		4030	OUTLET	460SI
142	41	0.19	68	2	VOL		014	-7.20	014	014		4009	OUTLET	460SI
142	48	0.52	19	2	SAI		UTE	-1.18	UTE	UTE	TR	2041	INLET	460HR
		0.52	19	2	TWD 58		UTE	-1.18	UTE	UTE		2041	INLET	460HR
142	53	0.21	87	2	VOL		008	-0.77	008	008		4009	OUTLET	460SI
142	54	0.22	103	2	VOL		015	+0.28	015	015		4009	OUTLET	460SI
142	61	0.16	170	2	VOL		014	+0.38	014	014		4009	OUTLET	460SI
143	3	0.88	27	P 3	TWD 17		014	-0.73	014	014	WAR	4030	OUTLET	460SI
143	8	0.69	25	P 3	TWD 16		008	+0.49	008	008	WAR	4030	OUTLET	460SI
143	27	0.07	69	2	VOL		013	+12.60	013	013		4030	OUTLET	460SI
		0.06	47	2	VOL		013	+17.26	013	013		4030	OUTLET	460SI
143	38	0.30	44	2	VOL		004	-17.57	004	004		4009	OUTLET	460SI
143	47	0.17	97	2	SAI		013	+11.95	013	013		4043	OUTLET	460SI
		0.17	97	2	TWD 70		013	+11.95	013	013		4043	OUTLET	460SI
		0.14	80	2	SAI		013	+13.17	013	013		4043	OUTLET	460SI
		0.14	80	2	TWD 79		013	+13.17	013	013		4043	OUTLET	460SI
		4.69	5	1	DNT		LTE	+4.08	LTE	LTS		4009	OUTLET	460SI
		0.20	44	2	SAI		UTS	-14.43	UTS	UTS		4009	OUTLET	460SI
		0.20	44	2	TWD 84		UTS	-14.43	UTS	UTS		4009	OUTLET	460SI
143	49	9.97	185	1	DNT		003	-1.82	003	003		4043	OUTLET	460SI
		0.09	88	2	VOL		013	+1.26	013	013		4009	OUTLET	460SI
143	60	6.70	183	1	DNT		LTE	+2.70	LTE	LTS		4009	OUTLET	460SI
143	61	0.03	112	2	SAI		015	+4.31	015	015		4008	OUTLET	460SI
		0.03	112	2	TWD 4		015	+4.31	015	015		4008	OUTLET	460SI
		0.07	108	2	SAI		015	+4.45	015	015		4008	OUTLET	460SI
		0.07	108	2	TWD 6		015	+4.45	015	015		4008	OUTLET	460SI
144	11	4.14	353	1	DNT		003	+2.65	003	003		4030	OUTLET	460SI
144	13	0.18	50	2	VOL		011	+18.75	011	011		4030	OUTLET	460SI
144	31	0.52	75	2	VOL		001	+0.65	001	001		4008	OUTLET	460SI
		0.52	88	2	TWD 22		001	+0.65	001	001		4008	OUTLET	460SI
144	46	0.14	88	2	VOL		013	+0.84	013	013		4008	OUTLET	460SI
144	48	12.26	184	1	DNT		003	+2.17	003	003		4008	OUTLET	460SI
144	49	0.31	29	P 3	TWD 5		008	-0.49	008	008	WAR	4008	OUTLET	460SI
144	53	0.18	128	2	VOL		008	+0.28	008	008		4043	OUTLET	460SI
145	1	0.64	27	P 3	TWD 13		013	-0.70	013	013	WAR	4030	OUTLET	460SI
145	16	0.28	58	P 3	TWD 6		008	-0.56	008	008	WAR	4030	OUTLET	460SI
145	23	0.54	23	2	TEA		UTE	-0.23	UTE	UTE		2041	INLET	460HR
145	24	1.24	26	2	TEA		UTE	-0.20	UTE	UTE		2042	INLET	460HR
		0.15	101	2	VOL		UTS	+3.70	UTS	UTS		4030	OUTLET	460SI
145	36	0.31	59	2	VOL		014	-0.38	014	014		4043	OUTLET	460SI
145	47	0.50	60	P 3	TWD 8		008	+0.63	008	008	WAR	4008	OUTLET	460SI
146	8	5.61	187	1	DNT		003	+0.44	003	003		4030	OUTLET	460SI
		6.16	178	1	DNT		003	+1.49	003	003		4030	OUTLET	460SI
		14.05	177	1	DNT		003	+2.04	003	003		4030	OUTLET	460SI
		6.69	177	1	DNT		003	+2.76	003	003		4030	OUTLET	460SI
		6.62	175	1	DNT		003	+3.15	003	003		4030	OUTLET	460SI
146	13	0.30	116	2	VOL		008	+0.76	008	008		4030	OUTLET	460SI
146	14	0.75	34	P 3	TWD 15		008	-0.47	008	008	WAR	4030	OUTLET	460SI
146	20	0.19	81	2	SAI		011	+13.23	011	011		4030	OUTLET	460SI
		0.19	81	2	TWD 28		011	+13.23	011	011		4030	OUTLET	460SI
146	22	0.05	102	2	VOL		008	+3.58	008	008		4030	OUTLET	460SI
		0.05	105	2	VOL		009	+7.78	009	009		4030	OUTLET	460SI
146	24	1.15	17	2	TEA		UTE	-0.19	UTE	UTE		2042	INLET	460HR
146	29	0.61	28	P 3	TWD 9		008	-0.70	008	008	WAR	4043	OUTLET	460SI
146	34	0.10	78	2	VOL		013	-1.94	013	013		4008	OUTLET	460SI
146	37	0.07	64	2	VOL		010	-6.18	010	010		4008	OUTLET	460SI
		0.05	73	2	VOL		010	-5.78	010	010		4008	OUTLET	460SI
146	43	13.75	184	1	DNT		003	-0.85	003	003		4043	OUTLET	460SI
		9.87	185	1	DNT		003	-4.37	003	003		4043	OUTLET	460SI

ATTACHMENT #3 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.52	109	P 3	TWD 8	009	+0.53	009	009	WAR		4008	OUTLET	460SI
146	45	13.09	2	1	DNT	004	-4.11	004	004			4008	OUTLET	460SI
		3.32	177	1	DNT	004	-1.41	004	004			4008	OUTLET	460SI
146	46	6.90	178	1	DNT	003	+3.73	003	003			4008	OUTLET	460SI
147	5	0.15	55	2	VOL	015	+4.26	015	015			4030	OUTLET	460SI
147	11	0.44	115	P 3	TWD 14	008	+0.68	008	008	WAR		4055	INLET	460SI
147	12	0.30	112	2	VOL	010	-0.78	010	010			4030	OUTLET	460SI
147	21	0.04	59	2	SAI	012	-8.91	012	012			4030	OUTLET	460SI
		0.05	86	2	TWD 20	012	-8.91	012	012			4030	OUTLET	460SI
		0.11	60	2	MAI	012	-9.82	012	012			4030	OUTLET	460SI
		0.11	62	2	TWD 57	012	-9.82	012	012			4030	OUTLET	460SI
		0.11	62	2	TWD 57	012	-9.82	012	012			4030	OUTLET	460SI
147	24	1.58	23	2	TEA	UTE	-0.24	UTE	UTE			2041	INLET	460HR
147	27	0.15	60	2	VOL	009	-0.13	009	009			4007	OUTLET	460SI
147	28	0.30	164	2	VOL	009	+0.40	009	009			4007	OUTLET	460SI
147	42	0.18	151	2	VOL	009	+0.27	009	009			4007	OUTLET	460SI
148	10	0.21	9	P 3	TWD 6	008	+0.69	008	008	WAR		4030	OUTLET	460SI
148	41	8.85	188	1	DNT	003	+4.26	003	003			4043	OUTLET	460SI
149	1	0.11	53	2	VOL	001	-10.47	001	001			4030	OUTLET	460SI
149	8	0.57	118	P 3	TWD 17	009	+0.55	009	009	WAR		4055	INLET	460SI
149	15	8.26	182	1	DNT	013	+2.53	013	013			4030	OUTLET	460SI
149	16	0.32	71	P 3	TWD 8	010	+0.63	010	010	WAR		4030	OUTLET	460SI
149	25	0.44	118	2	VOL	010	+0.34	010	010			4007	OUTLET	460SI
		0.37	115	2	VOL	010	+0.14	010	010			4007	OUTLET	460SI
149	30	0.12	46	2	VOL	013	+0.98	013	013			4007	OUTLET	460SI
150	3	0.21	28	2	VOL	015	+18.11	015	015			4030	OUTLET	460SI
150	4	1.10	15	2	TEA	UTE	-0.19	UTE	UTE			2042	INLET	460HR
150	8	0.46	74	P 3	TWD 11	010	+0.62	010	010	WAR		4030	OUTLET	460SI
150	9	0.30	92	P 3	TWD 7	010	-0.65	010	010	WAR		4030	OUTLET	460SI
150	12	0.59	39	P 3	TWD 14	010	-0.68	010	010	WAR		4030	OUTLET	460SI
150	14	0.28	77	2	VOL	006	+0.69	006	006			4030	OUTLET	460SI
		0.63	144	P 3	TWD 13	010	+0.59	010	010	WAR		4030	OUTLET	460SI
150	19	0.39	118	2	VOL	011	-0.17	011	011			4007	OUTLET	460SI
151	3	0.59	17	P 3	TWD 12	012	-0.58	012	012	WAR		4030	OUTLET	460SI
151	4	0.18	60	2	VOL	006	+0.57	006	006			4030	OUTLET	460SI
151	5	2.85	23	2	TEA	UTE	-0.19	UTE	UTE			2042	INLET	460HR
		0.58	125	P 3	TWD 14	012	-0.74	012	012	WAR		4030	OUTLET	460SI
		1.21	27	P 3	TWD 22	013	-0.49	013	013	WAR		4030	OUTLET	460SI
		0.51	29	P 3	TWD 12	013	+0.73	013	013	WAR		4030	OUTLET	460SI
151	7	0.26	138	2	VOL	013	-0.81	013	013			4030	OUTLET	460SI
151	9	0.34	116	2	VOL	012	+0.63	012	012			4043	OUTLET	460SI
		0.85	21	2	TEA	UTE	-0.24	UTE	UTE			2041	INLET	460HR
151	16	0.41	100	2	VOL	013	+4.18	013	014			4005	OUTLET	460SI

Total Tubes : 1256
Total Records: 2293

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
1	1	0.41	152	2	VOL		010	-0.24	010 010			4019	INLET	460SI
1	5	0.31	148	2	VOL		010	-0.10	010 010			4019	INLET	460SI
1	14	0.19	55	2	VOL		015	-0.43	015 015			4020	OUTLET	460SI
2	8	0.42	57	2	VOL	006		-16.79	006 006			4041	INLET	460SI
2	20	0.10	91	P 1	SCI		UTS	-0.01	015 UTS			4020	OUTLET	460SI
		0.00	0	P 4	TWD	0	UTS	-0.01	TO+236.6	015 UTS		4020	OUTLET	460SI
		0.20	55	P 4	TWD	43	UTS	-0.01	TO+246.9	015 UTS		4020	OUTLET	460SI
		0.20	69	P 4	TWD	44	UTS	-0.01	TO+257.1	015 UTS		4020	OUTLET	460SI
		0.19	69	P 4	TWD	41	UTS	-0.01	TO+267.4	015 UTS		4020	OUTLET	460SI
		0.00	0	P 4	TWD	0	UTS	-0.01	TO+277.7	015 UTS		4020	OUTLET	460SI
2	22	1.28	58	P 1	SCI		UTE	-0.18	UTE UTE			2064	INLET	460HR
		0.87	71	P 3	TWD	0	UTE	-0.18	TO+130.9	UTE UTE		2064	INLET	460HR
		2.02	48	P 3	TWD	49	UTE	-0.18	TO+122.7	UTE UTE		2064	INLET	460HR
		4.34	31	P 3	TWD	71	UTE	-0.18	TO+114.5	UTE UTE		2064	INLET	460HR
		5.16	29	P 3	TWD	78	UTE	-0.18	TO+106.4	UTE UTE		2064	INLET	460HR
		3.47	37	P 3	TWD	64	UTE	-0.18	TO+98.2	UTE UTE		2064	INLET	460HR
		1.46	53	P 3	TWD	41	UTE	-0.18	TO+90.0	UTE UTE		2064	INLET	460HR
		1.02	48	P 3	TWD	0	UTE	-0.18	TO+81.8	UTE UTE		2064	INLET	460HR
		1.70	45	P 1	PID		UTE	-0.18	UTE UTE			2121	INLET	460HR
3	3	0.21	110	2	VOL		UTS	+0.44	UTS UTS			4019	INLET	460SI
		0.21	106	2	TWD	0	UTS	+0.44	UTS UTS			4019	INLET	460SI
		0.19	111	2	VOL		015	-0.71	015 015			4019	INLET	460SI
		0.14	113	2	TWD	0	015	-0.71	015 015			4019	INLET	460SI
3	4	3.60	174	1	DNT		LTS	-9.95	LTS LTS			4019	INLET	460SI
		1.80	169	1	DNT		LTS	-9.60	LTS LTS			4019	INLET	460SI
3	8	1.51	24	2	TEA		UTE	-0.20	UTE UTE			2013	INLET	460HR
		10.39	179	1	DNT		010	-0.13	010 010			4019	INLET	460SI
3	9	2.49	185	1	DNT		UTS	+0.05	UTS UTS			4019	INLET	460SI
		11.15	181	1	DNT		010	-0.01	010 010			4019	INLET	460SI
3	11	0.20	120	2	VOL		010	-2.36	010 010			4019	INLET	460SI
3	15	0.39	46	2	VOL		012	+1.18	012 012			4019	INLET	460SI
		0.44	52	2	TWD	63	012	+1.18	012 012			4019	INLET	460SI
3	22	0.12	71	2	VOL		015	+18.84	015 015			4020	OUTLET	460SI
3	28	0.74	54	P 3	TWD	15	013	+0.73	013 013	WAR		4020	OUTLET	460SI
3	29	0.30	117	2	VOL		UTS	-13.80	UTS UTS			4020	OUTLET	460SI
4	2	1.03	48	P 3	TWD	13	011	-0.74	011 011	WAR		4019	INLET	460SI
4	3	8.13	155	1	DNT		LTE	+10.90	LTS LTE			4026	INLET	460SI
		5.98	158	1	DNT		UTS	+12.50	UTE UTS			4026	INLET	460SI
4	6	0.17	105	2	SAI		011	-1.26	011 011			4019	INLET	460SI
		0.17	105	2	TWD	0	011	-1.26	011 011			4019	INLET	460SI
		0.13	69	2	SAI		011	-1.56	011 011			4019	INLET	460SI
		0.13	69	2	TWD	63	011	-1.56	011 011			4019	INLET	460SI
		0.11	78	2	SAI		011	-2.69	011 011			4019	INLET	460SI
		0.11	76	2	TWD	51	011	-2.69	011 011			4019	INLET	460SI
		0.09	48	2	SAI		011	-2.81	011 011			4019	INLET	460SI
		0.09	48	2	TWD	89	011	-2.81	011 011			4019	INLET	460SI
		0.15	82	2	SAI		011	-3.80	011 011			4019	INLET	460SI
		0.15	82	2	TWD	39	011	-3.80	011 011			4019	INLET	460SI
		0.11	77	2	SAI		011	-4.18	011 011			4019	INLET	460SI
		0.11	77	2	TWD	49	011	-4.18	011 011			4019	INLET	460SI
		0.25	81	2	SAI		011	-4.97	011 011			4019	INLET	460SI
		0.24	76	2	TWD	51	011	-4.97	011 011			4019	INLET	460SI
		0.17	85	2	SAI		011	-6.03	011 011			4019	INLET	460SI
		0.17	85	2	TWD	32	011	-6.03	011 011			4019	INLET	460SI
		0.12	54	2	SAI		011	-6.26	011 011			4019	INLET	460SI
		0.12	54	2	TWD	83	011	-6.26	011 011			4019	INLET	460SI
		0.14	78	2	SAI		011	-6.92	011 011			4019	INLET	460SI
		0.14	78	2	TWD	47	011	-6.92	011 011			4019	INLET	460SI
		0.14	81	2	SAI		011	-10.51	011 011			4019	INLET	460SI
		0.14	81	2	TWD	41	011	-10.51	011 011			4019	INLET	460SI
		0.12	70	2	SAI		011	-11.90	011 011			4019	INLET	460SI
		0.11	68	2	TWD	65	011	-11.90	011 011			4019	INLET	460SI
4	8	1.62	53	1	VOL		010	-1.81	TO-4.61	010 010		4019	INLET	460SI
4	10	0.90	21	2	DNT		010	-0.16	010 010			4019	INLET	460SI
4	17	0.89	13	2	TEA		UTE	-0.20	UTE UTE			2013	INLET	460HR
4	20	0.33	121	2	VOL		009	-0.59	009 009			4019	INLET	460SI
4	35	0.64	128	P 3	TWD	15	010	+0.72	010 010	WAR		4020	OUTLET	460SI
4	39	3.56	178	1	DNT		UTS	+0.02	UTS UTS			4020	OUTLET	460SI
5	5	0.10	35	2	VOL		005	-7.06	005 005			4019	INLET	460SI
5	6	0.17	135	2	VOL		014	-0.25	014 014			4026	INLET	460SI
		0.15	145	2	TWD	0	014	-0.25	014 014			4026	INLET	460SI
		7.92	168	1	DNT		LTE	+10.83	LTS LTS			4026	INLET	460SI
		6.15	168	1	DNT		UTS	+13.00	UTE UTS			4026	INLET	460SI
5	7	3.64	150	1	DNT		UTS	+12.21	UTE UTS			4026	INLET	460SI
5	12	1.74	21	2	TEA		UTE	-0.22	UTE UTE			2013	INLET	460HR

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
5	15	1.42	15	2	TEA		UTE	-0.26	UTE	UTE		2013	INLET	460HR
5	23	0.22	0	P 3	TWD	5	009	+0.55	009	009	WAR	4019	INLET	460SI
5	31	0.31	107	2	VOL		008	+0.60	008	008		4020	OUTLET	460SI
5	35	0.27	143	P 3	TWD	5	009	+0.51	009	009	WAR	4020	OUTLET	460SI
5	39	0.68	75	P 3	TWD	14	008	+0.70	008	008	WAR	4020	OUTLET	460SI
5	42	0.80	70	P 3	TWD	16	010	+0.75	010	010	WAR	4020	OUTLET	460SI
		2.81	182	1	DNT		015	+0.81	015	015		4020	OUTLET	460SI
		0.15	73	P 1	SCI		UTS	-0.01	UTS	UTS		4020	OUTLET	460SI
		0.00	0	P 4	TWD	0	UTS	-0.01	TO+236.6	UTS	UTS	4020	OUTLET	460SI
		0.12	66	P 4	TWD	37	UTS	-0.01	TO+246.9	UTS	UTS	4020	OUTLET	460SI
		0.20	61	P 4	TWD	64	UTS	-0.01	TO+257.1	UTS	UTS	4020	OUTLET	460SI
		0.13	62	P 4	TWD	40	UTS	-0.01	TO+267.4	UTS	UTS	4020	OUTLET	460SI
		0.00	0	P 4	TWD	0	UTS	-0.01	TO+272.6	UTS	UTS	4020	OUTLET	460SI
6	5	0.12	78	2	VOL		010	-1.71	TO-2.36	010	010	4019	INLET	460SI
6	6	0.29	98	2	VOL		010	-2.67		010	010	4019	INLET	460SI
6	15	0.62	22	2	TEA		UTE	-0.21		UTE	UTE	2013	INLET	460HR
6	19	0.29	133	2	VOL		008	-0.70		008	008	4019	INLET	460SI
6	20	0.19	0	P 3	TWD	4	010	-0.21		010	010	4019	INLET	460SI
6	45	0.24	54	P 3	TWD	5	011	-0.68		011	011	4020	OUTLET	460SI
7	8	0.14	109	2	VOL		010	+5.40		010	010	4019	INLET	460SI
7	14	6.83	169	1	DNT		010	+0.35		010	010	4019	INLET	460SI
7	15	0.80	20	2	TEA		UTE	-0.21		UTE	UTE	2013	INLET	460HR
7	44	0.22	87	P 3	TWD	6	011	-0.83		011	011	4020	OUTLET	460SI
7	45	0.18	41	P 3	TWD	5	011	-0.76		011	011	4020	OUTLET	460SI
7	46	0.16	38	P 3	TWD	4	011	-0.83		011	011	4020	OUTLET	460SI
7	51	0.07	58	2	VOL		001	-10.46		001	001	4020	OUTLET	460SI
8	1	3.88	155	1	BLG		UTS	+0.07		UTE	UTE	4026	INLET	460SI
8	2	2.38	201	2	TEA		UTE	-0.26		UTE	UTE	2013	INLET	460HR
8	5	0.14	77	2	VOL		014	+0.80		014	014	4019	INLET	460SI
		0.10	95	2	VOL		014	+1.15		014	014	4019	INLET	460SI
8	10	0.50	68	P 3	TWD	6	010	-0.78		010	010	4019	INLET	460SI
8	12	1.22	204	2	TEA		UTE	-0.20		UTE	UTE	2013	INLET	460HR
8	13	0.17	149	2	VOL		014	+0.11		014	014	4019	INLET	460SI
8	21	0.17	45	2	VOL		006	+15.59		006	006	4019	INLET	460SI
8	42	0.34	88	P 3	TWD	9	007	+0.82		007	007	4020	OUTLET	460SI
8	47	0.41	121	P 3	TWD	10	008	+0.71		008	008	4020	OUTLET	460SI
8	48	0.29	122	P 3	TWD	7	008	+0.63		008	008	4020	OUTLET	460SI
9	1	0.80	28	2	TEA		UTE	-0.21		UTE	UTE	2013	INLET	460HR
9	2	0.90	21	2	TEA		UTE	-0.20		UTE	UTE	2013	INLET	460HR
9	5	0.97	16	2	TEA		UTE	-0.28		UTE	UTE	2013	INLET	460HR
9	6	0.80	7	2	TEA		UTE	-0.20		UTE	UTE	2013	INLET	460HR
9	23	0.41	123	2	VOL		009	-0.73		009	009	4019	INLET	460SI
9	24	0.72	102	P 3	TWD	9	010	+0.40		010	010	4019	INLET	460SI
9	56	0.36	47	P 3	TWD	9	009	+0.60		009	009	4020	OUTLET	460SI
10	2	0.41	99	P 3	TWD	4	011	-0.54		011	011	4019	INLET	460SI
10	4	1.34	24	2	TEA		UTE	-0.21		UTE	UTE	2016	INLET	460HR
10	6	2.22	22	2	PID		UTE	-0.18		UTE	UTE	2029	INLET	460HR
		2.84	25	2	MAI		UTE	-0.18		UTE	UTE	2013	INLET	460HR
		2.84	25	2	TWD	52	UTE	-0.18		UTE	UTE	2013	INLET	460HR
		2.61	21	2	TWD	58	UTE	-0.18		UTE	UTE	2013	INLET	460HR
10	7	1.17	17	2	TEA		UTE	-0.26		UTE	UTE	2013	INLET	460HR
10	9	0.81	90	P 3	TWD	10	009	-0.62		009	009	4019	INLET	460SI
10	14	0.27	21	2	VOL		011	+15.40		011	011	4019	INLET	460SI
10	20	1.09	23	2	TEA		UTE	-0.22		UTE	UTE	2013	INLET	460HR
10	25	0.20	92	2	VOL		009	+0.55		009	009	4019	INLET	460SI
10	51	0.17	76	P 3	TWD	4	011	-0.83		011	011	4020	OUTLET	460SI
10	63	3.30	167	1	DNT		015	-0.61		015	015	4020	OUTLET	460SI
		0.15	87	2	SAI		015	+1.70		015	015	4020	OUTLET	460SI
		0.15	83	2	TWD	42	015	+1.70		015	015	4020	OUTLET	460SI
10	65	0.13	64	2	TWD	45	015	+1.78		015	015	4039	INLET	460SI
		1.75	173	1	DNT		015	-0.72		015	015	4039	INLET	460SI
		0.15	61	2	SAI		015	+1.78		015	015	4039	INLET	460SI
11	6	2.51	21	2	TEA		UTE	-0.18		UTE	UTE	2016	INLET	460HR
11	7	3.29	26	2	TEA		UTE	-0.24		UTE	UTE	2016	INLET	460HR
11	10	0.14	20	2	VOL		UTS	-15.00		UTS	UTS	4019	INLET	460SI
		0.04	82	2	VOL		015	+11.63		015	015	4019	INLET	460SI
11	11	0.45	139	2	VOL		009	-0.53		009	009	4019	INLET	460SI
11	12	2.55	17	2	TEA		UTE	-0.15		UTE	UTE	2016	INLET	460HR
11	19	0.21	73	2	SAI		015	-11.73		015	015	4019	INLET	460SI
		0.23	76	2	TWD	51	015	-11.73		015	015	4019	INLET	460SI
11	20	0.51	122	2	VOL		009	+0.41		009	009	4019	INLET	460SI
		0.15	57	2	VOL		008	+5.97		008	008	4019	INLET	460SI
11	26	1.36	23	2	TEA		UTE	-0.21		UTE	UTE	2016	INLET	460HR
11	64	8.42	186	1	DNT		010	-0.52		010	010	4020	OUTLET	460SI
11	65	0.51	83	2	VOL		010	-1.24		010	010	4020	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
11	67	0.17	94	2	VOL		014	+3.89	014	014		4020	OUTLET	460SI
		0.18	135	2	VOL		014	+3.49	014	014		4020	OUTLET	460SI
		3.67	179	1	DNT		015	-0.64	015	015		4020	OUTLET	460SI
12	1	0.17	42	2	VOL		014	+1.50	014	014		4022	INLET	460SI
12	2	0.25	97	2	VOL		010	-1.15	010	010		4026	INLET	460SI
12	6	1.10	15	2	TEA		UTE	-0.22	UTE	UTE		2016	INLET	460HR
12	21	1.16	17	2	TEA		UTE	-0.27	UTE	UTE		2016	INLET	460HR
12	24	1.29	23	2	TEA		UTE	-0.24	UTE	UTE		2016	INLET	460HR
12	26	2.38	23	2	TEA		UTE	-0.21	UTE	UTE		2016	INLET	460HR
12	28	7.54	2	1	DNT		004	+14.49	004	004		4022	INLET	460SI
12	33	0.23	25	P 3	TWD 4		011	-0.72	011	011	WAR	4022	INLET	460SI
12	65	0.14	57	2	VOL		010	-1.62	010	010		4020	OUTLET	460SI
12	67	5.40	179	1	DNT		LTS	-15.52	LTS	LTS		4020	OUTLET	460SI
		4.31	171	1	DNT		LTS	-14.58	LTS	LTS		4020	OUTLET	460SI
12	68	6.66	181	1	DNT		LTS	-15.14	LTS	LTS		4020	OUTLET	460SI
		0.34	138	P 3	TWD 9		009	-0.72	009	009	WAR	4020	OUTLET	460SI
		2.28	176	1	DNT		015	-0.58	015	015		4020	OUTLET	460SI
12	70	1.51	173	1	DNT		015	-0.76	015	015		4020	OUTLET	460SI
12	71	3.32	172	1	DNT		015	-0.74	015	015		4029	OUTLET	460SI
		0.10	70	2	VOL		012	+0.85	012	012		4039	INLET	460SI
13	4	0.27	37	2	VOL		010	-1.82	010	010		4022	INLET	460SI
13	5	0.59	46	P 3	TWD 11		010	-0.57	010	010	WAR	4022	INLET	460SI
13	6	0.23	95	2	VOL		009	+11.33 TO+21.51	009	009		4022	INLET	460SI
13	8	0.86	18	2	TEA		UTE	-0.21	UTE	UTE		2016	INLET	460HR
13	18	0.39	121	P 3	TWD 7		007	-0.68	007	007	WAR	4022	INLET	460SI
13	19	0.43	106	2	VOL		007	-0.59	007	007		4022	INLET	460SI
13	20	0.28	135	2	VOL		007	-0.79	007	007		4022	INLET	460SI
13	28	1.72	17	2	TEA		UTE	-0.23	UTE	UTE		2016	INLET	460HR
13	29	1.41	11	2	TEA		UTE	-0.21	UTE	UTE		2016	INLET	460HR
13	35	0.25	148	P 3	TWD 5		011	-0.74	011	011	WAR	4022	INLET	460SI
13	65	0.23	111	2	VOL		010	-9.29	010	010		4020	OUTLET	460SI
		0.23	89	2	VOL		010	-13.53	010	010		4020	OUTLET	460SI
		0.39	81	2	VOL		010	-15.18	010	010		4020	OUTLET	460SI
13	68	6.33	169	1	DNT		LTS	-15.48	LTS	LTS		4020	OUTLET	460SI
		3.85	183	1	DNT		LTS	-14.70	LTS	LTS		4020	OUTLET	460SI
13	70	5.43	172	1	DNT		LTS	-14.68	LTS	LTS		4020	OUTLET	460SI
13	71	0.38	109	2	VOL		010	-2.54	010	010		4020	OUTLET	460SI
		3.44	169	1	DNT		015	-0.69	015	015		4020	OUTLET	460SI
13	73	3.02	178	1	DNT		015	-0.63	015	015		4020	OUTLET	460SI
13	74	0.88	146	P 3	TWD 12		010	+0.29	010	010	WAR	4039	INLET	460SI
14	26	1.84	17	2	TEA		UTE	-0.19	UTE	UTE		2016	INLET	460HR
14	27	0.68	21	2	TEA		UTE	-0.16	UTE	UTE		2016	INLET	460HR
14	55	0.26	0	P 3	TWD 7		011	-0.71	011	011	WAR	4023	OUTLET	460SI
		0.27	108	P 3	TWD 4		011	-0.74	011	011	WAR	4039	INLET	460SI
14	62	2.82	183	1	DNT		001	-13.64	001	001		4023	OUTLET	460SI
14	69	2.31	17	2	TEA		UTE	-0.21	UTE	UTE		2068	INLET	460HR
		5.78	168	1	DNT		LTS	-14.79	LTS	LTS		4023	OUTLET	460SI
14	70	8.29	185	1	DNT		LTS	-15.26	LTS	LTS		4023	OUTLET	460SI
		10.60	180	1	DNT		010	-0.46	010	010		4023	OUTLET	460SI
14	72	0.34	83	2	VOL		010	-1.55	010	010		4023	OUTLET	460SI
		2.37	156	1	DNT		015	-0.48	015	015		4023	OUTLET	460SI
14	73	2.80	190	1	DNT		015	-0.58	015	015		4039	INLET	460SI
14	74	2.79	177	1	DNT		015	-0.62	015	015		4020	OUTLET	460SI
14	75	0.48	131	2	VOL		010	+0.00	010	010		4020	OUTLET	460SI
		0.21	82	2	VOL		015	-3.88	015	015		4039	INLET	460SI
15	10	1.00	19	2	TEA		UTE	-0.20	UTE	UTE		2016	INLET	460HR
15	18	0.26	26	2	VOL		012	+9.57	012	012		4022	INLET	460SI
15	22	0.80	23	2	TEA		UTE	-0.18	UTE	UTE		2016	INLET	460HR
15	28	1.27	23	2	TEA		UTE	-0.23	UTE	UTE		2016	INLET	460HR
15	39	5.80	182	1	DNT		009	+5.42	009	009		4022	INLET	460SI
		5.36	178	1	DNT		006	+17.69	006	006		4022	INLET	460SI
15	52	0.38	39	2	MAI		UTE	-2.81	UTE	UTS	TR	2067	INLET	460HR
		2.14	35	2	TWD 100		UTE	-2.81	UTE	UTS		2067	INLET	460HR
		0.99	27	2	PID		UTE	-2.81	UTE	UTS		2121	INLET	460HR
15	64	0.60	131	P 3	TWD 13		009	+0.71	009	009	WAR	4023	OUTLET	460SI
15	67	0.37	85	2	VOL		009	+9.82 TO+27.55	009	009		4023	OUTLET	460SI
15	68	0.32	89	2	VOL		010	-9.21 TO-16.76	010	010		4023	OUTLET	460SI
15	69	0.14	108	2	VOL		010	-5.84 TO-18.25	010	010		4023	OUTLET	460SI
15	71	0.16	98	2	VOL		010	-1.42	010	010		4023	OUTLET	460SI
15	74	0.24	95	2	VOL		010	-1.48	010	010		4023	OUTLET	460SI
15	76	0.17	106	P 1	VOL		015	+0.89	015	015		4023	OUTLET	460SI
		0.12	116	2	TWD 3		015	+0.89	015	015		4023	OUTLET	460SI
15	78	0.34	138	2	VOL		010	+0.31	010	010		4043	INLET	460SI
16	1	1.43	185	1	DNT		015	+0.99	015	015		4041	INLET	460SI
16	16	0.21	85	2	VOL		UTE	-2.68	UTE	UTE		2030	INLET	460HR

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.20	92	2	PID		UTE	-2.68	UTE	UTE		2037	INLET	460HR
		0.08	56	2	VOL		015	-13.35	015	015		4022	INLET	460SI
16	21	0.09	76	2	VOL		013	-9.65	013	013		4022	INLET	460SI
16	42	0.06	63	2	VOL		015	-11.79	015	015		4023	OUTLET	460SI
16	50	1.01	11	2	TEA		UTE	-0.12	UTE	UTE		2072	INLET	460HR
16	66	0.38	63	P 3	TWD	9	009	+0.76	009	009	WAR	4023	OUTLET	460SI
		0.26	44	P 3	TWD	6	011	-0.82	011	011	WAR	4023	OUTLET	460SI
		0.07	81	2	SAI		011	-8.60	011	011		4023	OUTLET	460SI
		0.07	81	2	TWD	17	011	-8.60	011	011		4023	OUTLET	460SI
16	72	0.27	90	2	VOL		010	-7.28	010	010	TO-16.00	4023	OUTLET	460SI
16	81	0.98	125	1	VOL		015	-2.62	015	015		4039	INLET	460SI
17	11	1.06	15	2	TEA		UTE	-0.16	UTE	UTE		2019	INLET	460HR
17	12	1.18	20	2	TEA		UTE	-0.16	UTE	UTE		2019	INLET	460HR
17	33	1.04	18	2	TEA		UTE	-0.15	UTE	UTE		2019	INLET	460HR
17	53	0.22	0	P 3	TWD	6	011	-0.78	011	011	WAR	4023	OUTLET	460SI
17	72	0.59	99	2	VOL		010	-20.11	010	010	TO-11.48	4023	OUTLET	460SI
17	74	0.66	85	P 3	TWD	15	009	+0.63	009	009	WAR	4023	OUTLET	460SI
		0.25	125	2	VOL		010	-8.78	010	010	TO-18.79	4023	OUTLET	460SI
17	75	0.62	84	P 3	TWD	14	008	-0.77	008	008	WAR	4023	OUTLET	460SI
17	77	0.24	114	2	VOL		009	+0.71	009	009		4023	OUTLET	460SI
18	2	0.65	67	P 3	TWD	12	014	+0.84	014	014	WAR	4022	INLET	460SI
18	4	0.25	86	2	VOL		009	+16.73	009	009		4022	INLET	460SI
18	13	2.18	23	2	TEA		UTE	-0.15	UTE	UTE		2019	INLET	460HR
18	25	0.70	22	2	TEA		UTE	-0.17	UTE	UTE		2019	INLET	460HR
18	33	1.56	31	2	TEA		UTE	-0.17	UTE	UTE		2019	INLET	460HR
18	44	1.55	20	2	TEA		UTE	-0.11	UTE	UTE		2071	INLET	460HR
18	66	0.31	62	2	VOL		014	-11.61	014	014		4023	OUTLET	460SI
18	71	0.69	59	P 3	TWD	15	008	+0.77	008	008	WAR	4023	OUTLET	460SI
18	77	0.68	11	2	TEA		UTE	-0.25	UTE	UTE		2071	INLET	460HR
18	79	0.36	104	2	VOL		010	+0.15	010	010		4023	OUTLET	460SI
		0.20	90	2	VOL		010	-11.86	010	010	TO-16.48	4023	OUTLET	460SI
18	81	0.42	106	2	VOL		009	-0.73	009	009		4023	OUTLET	460SI
19	5	0.67	144	P 3	TWD	12	009	+0.53	009	009	WAR	4022	INLET	460SI
19	11	0.34	43	2	VOL		007	-0.82	007	007		4022	INLET	460SI
19	13	1.14	17	2	TEA		UTE	-0.11	UTE	UTE		2019	INLET	460HR
19	14	1.15	20	2	TEA		UTE	-0.12	UTE	UTE		2019	INLET	460HR
19	16	0.24	112	2	VOL		UTS	+13.31	UTE	UTS		4041	INLET	460SI
19	18	0.76	15	2	TEA		UTE	-0.15	UTE	UTE		2019	INLET	460HR
19	19	0.27	155	P 3	TWD	5	011	-0.79	011	011	WAR	4022	INLET	460SI
19	55	0.55	0	P 3	TWD	13	011	-0.76	011	011	WAR	4023	OUTLET	460SI
19	67	0.62	0	P 3	TWD	14	014	+0.55	014	014	WAR	4023	OUTLET	460SI
19	71	0.31	101	2	VOL		013	+0.87	013	013		4023	OUTLET	460SI
19	78	0.42	90	P 3	TWD	10	008	-0.79	008	008	WAR	4023	OUTLET	460SI
19	79	0.57	78	P 3	TWD	13	008	-0.70	008	008	WAR	4023	OUTLET	460SI
		0.21	115	2	VOL		010	-13.79	010	010	TO-18.91	4023	OUTLET	460SI
19	80	0.22	110	2	VOL		010	-16.00	010	010		4023	OUTLET	460SI
19	82	0.97	113	P 3	TWD	20	010	+0.57	010	010	WAR	4023	OUTLET	460SI
19	86	0.42	0	P 3	TWD	12	015	+0.78	015	015	WAR	4029	OUTLET	460SI
20	16	0.28	98	2	VOL		011	-7.16	011	011		4022	INLET	460SI
20	17	1.92	29	2	TEA		UTE	-0.17	UTE	UTE		2019	INLET	460HR
20	28	1.55	17	2	TEA		UTE	-0.18	UTE	UTE		2029	INLET	460HR
20	73	0.84	100	P 3	TWD	18	008	+0.68	008	008	WAR	4023	OUTLET	460SI
20	75	0.35	94	P 3	TWD	8	008	+0.64	008	008	WAR	4023	OUTLET	460SI
20	77	0.30	91	2	VOL		008	-0.65	008	008		4023	OUTLET	460SI
20	78	0.35	68	2	VOL		008	-0.70	008	008		4023	OUTLET	460SI
		0.61	57	P 3	TWD	14	009	+0.70	009	009	WAR	4023	OUTLET	460SI
20	79	0.44	69	P 3	TWD	10	008	+0.65	008	008	WAR	4023	OUTLET	460SI
20	80	0.15	77	2	VOL		012	+1.36	012	012		4023	OUTLET	460SI
20	81	0.40	125	P 3	TWD	9	009	+0.72	009	009	WAR	4023	OUTLET	460SI
21	2	0.08	78	2	VOL		014	+13.65	014	014		4022	INLET	460SI
21	6	0.15	39	2	VOL		006	+5.31	006	006		4022	INLET	460SI
21	15	0.46	141	P 3	TWD	8	007	-0.72	007	007	WAR	4022	INLET	460SI
21	30	1.66	19	2	TEA		UTE	-0.14	UTE	UTE		2019	INLET	460HR
21	35	2.25	21	2	TEA		UTE	-0.16	UTE	UTE		2019	INLET	460HR
21	72	0.73	54	P 3	TWD	16	011	-0.79	011	011	WAR	4023	OUTLET	460SI
21	77	0.34	50	P 3	TWD	8	011	-0.85	011	011	WAR	4023	OUTLET	460SI
21	78	0.84	128	P 3	TWD	9	009	+0.73	009	009	WAR	4023	OUTLET	460SI
21	84	0.68	81	P 3	TWD	15	008	-0.71	008	008	WAR	4023	OUTLET	460SI
21	85	0.37	110	2	VOL		009	+0.63	009	009		4023	OUTLET	460SI
21	88	0.09	96	2	SAI		015	-1.18	015	015		4023	OUTLET	460SI
		0.09	96	2	TWD	27	015	-1.18	015	015		4023	OUTLET	460SI
		0.11	66	2	SAI		015	-2.03	015	015		4023	OUTLET	460SI
		0.11	66	2	TWD	61	015	-2.03	015	015		4023	OUTLET	460SI
22	18	1.09	27	2	TEA		UTE	-0.11	UTE	UTE		2022	INLET	460HR
22	20	0.11	48	2	VOL		008	+1.63	008	008		4022	INLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
22	70	0.68	66	P 3	TWD	15	011	-0.81	011	011	WAR	4023	OUTLET	460SI
22	90	1.10	98	P 3	TWD	22	009	+0.71	009	009	WAR	4023	OUTLET	460SI
		0.44	142	2	VOL		009	-0.78	009	009		4023	OUTLET	460SI
22	93	2.44	177	1	DNT		015	-0.78	015	015		4029	OUTLET	460SI
23	48	0.08	52	2	VOL		012	-12.65	012	012		4023	OUTLET	460SI
23	93	0.43	85	2	VOL		006	+1.60	006	006		4023	OUTLET	460SI
24	18	0.13	55	2	VOL		007	-16.13	007	007		4022	INLET	460SI
		0.07	38	2	VOL		007	-16.65	007	007		4022	INLET	460SI
		0.13	55	2	TWD	61	007	-16.13	007	007		4022	INLET	460SI
		0.10	49	2	TWD	69	007	-16.65	007	007		4022	INLET	460SI
24	37	0.18	79	2	VOL		014	+1.05	014	014		4022	INLET	460SI
24	39	1.27	23	2	TEA		UTE	-0.17	UTE	UTE		2022	INLET	460HR
24	74	0.13	32	2	VOL		015	-15.13	015	015		4023	OUTLET	460SI
25	3	0.59	140	P 3	TWD	11	009	+0.65	009	009	WAR	4022	INLET	460SI
25	4	0.34	156	P 3	TWD	6	009	+0.64	009	009	WAR	4022	INLET	460SI
25	42	1.46	26	2	TEA		UTE	-0.22	UTE	UTE		2022	INLET	460HR
25	69	0.13	39	2	VOL		004	+9.18	004	004		4027	OUTLET	460SI
26	5	0.25	70	2	VOL		008	-0.72	008	008		4022	INLET	460SI
26	15	0.25	55	2	VOL		001	+1.72	001	001		4022	INLET	460SI
26	17	0.11	65	2	VOL		009	+8.35	009	009		4022	INLET	460SI
26	22	10.07	183	1	DNT		010	+8.21	010	010		4022	INLET	460SI
26	56	0.36	34	2	VOL		013	+0.74	013	013		4027	OUTLET	460SI
26	85	1.26	22	2	MAI		UTE	-3.67	UTE	UTS		2080	INLET	460HR
		1.26	22	2	TWD	65	UTE	-3.67	UTE	UTS		2080	INLET	460HR
		1.15	27	2	PID		UTE	-3.67	UTE	UTS		2121	INLET	460HR
26	87	0.12	63	2	VOL		LTS	+19.40	LTS	LTS		4023	OUTLET	460SI
		0.15	66	2	VOL		013	+1.19	013	013		4023	OUTLET	460SI
26	98	0.15	47	2	VOL		012	+1.54	012	012		4029	OUTLET	460SI
27	1	2.02	182	1	DNT		015	+0.93	015	015		4041	INLET	460SI
27	28	0.20	79	2	VOL		006	-7.51	006	006		4022	INLET	460SI
27	40	0.52	21	2	TEA		UTE	-0.19	UTE	UTE		2023	INLET	460HR
27	59	2.50	17	2	TEA		UTE	-0.12	UTE	UTE		2079	INLET	460HR
27	78	0.35	65	P 3	TWD	8	004	-0.78	004	004	WAR	4023	OUTLET	460SI
27	85	3.05	27	2	TEA		UTE	-0.20	UTE	UTE		2079	INLET	460HR
27	90	7.67	172	1	DNT		011	+15.34	011	011		4023	OUTLET	460SI
27	100	0.52	31	2	VOL		010	+0.79	010	010		4029	OUTLET	460SI
28	43	0.12	77	2	VOL		005	+10.24	005	005		4022	INLET	460SI
29	2	0.51	135	P 3	TWD	9	011	+0.44	011	011	WAR	4022	INLET	460SI
		16.63	178	1	DNT		010	+0.35	010	010		4022	INLET	460SI
29	11	0.83	16	2	TEA		UTE	-0.22	UTE	UTE		2025	INLET	460HR
29	39	0.25	152	2	VOL		014	-0.13	014	014		4041	INLET	460SI
29	72	2.15	162	1	DNT		001	-5.59	001	001		4027	OUTLET	460SI
29	76	0.31	92	2	VOL		013	+6.93	013	013		4027	OUTLET	460SI
29	82	0.15	140	P 3	TWD	3	011	-0.79	011	011	WAR	4027	OUTLET	460SI
29	83	0.53	75	P 3	TWD	12	011	-0.75	011	011	WAR	4027	OUTLET	460SI
29	102	1.97	156	1	VOL		008	+7.12	008	008		4029	OUTLET	460SI
		1.91	144	1	VOL		008	+6.44	008	008		4029	OUTLET	460SI
		1.41	134	1	VOL		008	+5.40	008	008		4029	OUTLET	460SI
30	4	0.45	42	P 3	TWD	8	010	-0.76	010	010	WAR	4022	INLET	460SI
		0.82	144	P 3	TWD	14	008	+0.64	008	008	WAR	4022	INLET	460SI
30	6	0.65	106	P 3	TWD	12	008	-0.48	008	008	WAR	4022	INLET	460SI
30	21	0.36	125	P 3	TWD	7	007	-0.74	007	007	WAR	4022	INLET	460SI
30	38	0.19	49	2	VOL		003	+5.17	003	003		4022	INLET	460SI
30	51	0.26	42	2	VOL		004	-0.93	004	004		4022	INLET	460SI
30	103	0.39	148	2	VOL		008	-0.37	008	008		4029	OUTLET	460SI
30	104	0.29	104	2	VOL		008	-0.54	008	008		4029	OUTLET	460SI
31	1	13.74	173	1	DNT		010	+0.27	010	010		4022	INLET	460SI
31	6	0.46	85	2	VOL		010	+14.76	010	010		4022	INLET	460SI
		0.13	43	2	VOL		010	-2.02	010	010		4022	INLET	460SI
31	8	0.38	87	P 3	TWD	7	009	+0.63	009	009	WAR	4022	INLET	460SI
31	26	0.09	77	2	VOL		009	-1.44	009	009		4022	INLET	460SI
31	52	0.20	65	2	VOL		014	-15.49	014	014		4022	INLET	460SI
		0.20	65	2	TWD	49	014	-15.49	014	014		4022	INLET	460SI
31	76	0.55	37	P 3	TWD	12	011	-0.73	011	011	WAR	4027	OUTLET	460SI
31	104	0.14	66	2	VOL		014	+1.34	014	014		4029	OUTLET	460SI
32	4	0.22	44	2	VOL		005	+1.84	005	005		4022	INLET	460SI
32	5	0.93	83	P 3	TWD	16	009	+0.68	009	009	WAR	4022	INLET	460SI
32	15	0.40	82	P 3	TWD	7	007	-0.84	007	007	WAR	4022	INLET	460SI
32	62	0.16	71	2	VOL		013	+0.00	013	013		4027	OUTLET	460SI
32	86	0.13	35	2	VOL		001	-4.22	001	001		4027	OUTLET	460SI
33	1	4.68	182	1	DNT		015	+0.71	015	015		4022	INLET	460SI
33	2	0.70	143	P 3	TWD	10	014	+0.28	014	014	WAR	4025	INLET	460SI
33	4	0.71	109	P 3	TWD	10	010	-0.60	010	010	WAR	4025	INLET	460SI
33	6	0.67	89	P 3	TWD	10	008	-0.41	008	008	WAR	4025	INLET	460SI
33	30	0.44	80	2	VOL		013	-0.07	013	013		4025	INLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
33	39	0.21	99	2	SAI		012	-6.00	012	012			4025	INLET	460SI
		0.20	101	2	TWD	33	012	-6.00	012	012			4025	INLET	460SI
33	81	0.27	24	P 3	TWD	6	011	-0.74	011	011	WAR		4027	OUTLET	460SI
		0.14	36	2	VOL		012	-9.44	012	012			4027	OUTLET	460SI
33	106	0.29	0	P 3	TWD	9	009	+0.61	009	009	WAR		4029	OUTLET	460SI
33	107	0.31	0	P 3	TWD	9	008	-0.62	008	008	WAR		4029	OUTLET	460SI
34	3	0.22	92	2	VOL		010	+2.68	010	010			4025	INLET	460SI
34	6	0.53	142	P 3	TWD	8	009	+0.79	009	009	WAR		4025	INLET	460SI
		0.38	57	P 3	TWD	10	008	-0.35	008	008	WAR		4041	INLET	460SI
34	20	0.37	96	2	VOL		012	+0.91	012	012			4025	INLET	460SI
34	22	0.18	62	2	VOL		011	+4.81	011	011			4041	INLET	460SI
34	23	0.48	149	P 3	TWD	7	007	-0.69	007	007	WAR		4025	INLET	460SI
34	44	1.07	17	2	TEA		UTE	-0.11	UTE	UTE			2030	INLET	460HR
34	57	0.13	24	2	VOL		008	+16.19	008	008			4027	OUTLET	460SI
		0.14	25	2	VOL		008	+17.44	008	008			4027	OUTLET	460SI
		0.09	42	2	TWD	78	008	+16.19	008	008			4027	OUTLET	460SI
		0.04	76	2	TWD	31	008	+17.44	008	008			4027	OUTLET	460SI
34	65	2.21	20	2	TEA		UTE	-0.15	UTE	UTE			2090	INLET	460HR
34	66	2.32	21	2	TEA		UTE	-0.18	UTE	UTE			2089	INLET	460HR
34	77	4.60	182	1	DNT		LTS	+16.67	LTS	LTS			4027	OUTLET	460SI
34	88	0.73	19	2	SAI		UTE	-3.52	UTE	UTS	TR		2121	INLET	460HR
		0.73	19	2	TWD	44	UTE	-3.52	UTE	UTS			2121	INLET	460HR
		0.47	33	2	PID		UTE	-3.52	UTE	UTS			2123	INLET	460HR
34	107	0.19	93	2	VOL		008	+0.62	008	008			4029	OUTLET	460SI
		0.34	125	2	VOL		008	-0.36	008	008			4029	OUTLET	460SI
35	2	4.10	185	1	DNT		010	+0.00	010	010			4041	INLET	460SI
35	6	0.23	100	P 3	TWD	6	008	-0.39	008	008	WAR		4041	INLET	460SI
35	59	0.25	88	2	VOL		UTE	-2.00	UTE	UTE			2089	INLET	460HR
		0.28	106	2	PID		UTE	-2.00	UTE	UTE			2121	INLET	460HR
35	62	1.91	16	2	TEA		UTE	-0.14	UTE	UTE			2090	INLET	460HR
35	68	1.84	15	2	TEA		UTE	-0.14	UTE	UTE			2090	INLET	460HR
35	73	0.32	46	P 3	TWD	7	013	-0.16	013	013	WAR		4027	OUTLET	460SI
35	77	0.21	64	2	SAI		UTS	-3.74	UTS	UTS			4029	OUTLET	460SI
		0.21	64	2	TWD	87	UTS	-3.74	UTS	UTS			4029	OUTLET	460SI
35	108	0.22	141	2	VOL		008	+0.50	008	008			4029	OUTLET	460SI
36	5	6.82	169	1	DNT		LTE	+15.77	LTS	LTE			4026	INLET	460SI
		11.03	184	1	DNT		010	+0.01	010	010			4041	INLET	460SI
36	6	4.63	164	1	DNT		LTE	+16.73	LTS	LTE			4026	INLET	460SI
		5.08	168	1	DNT		UTS	+13.46	UTE	UTS			4026	INLET	460SI
36	8	0.47	0	P 3	TWD	13	008	-0.55	008	008	WAR		4041	INLET	460SI
36	9	0.10	87	2	VOL		008	-0.59	008	008			4041	INLET	460SI
		0.22	101	2	TWD	0	008	-0.59	008	008			4041	INLET	460SI
36	107	0.22	97	2	VOL		UTE	-2.05	UTE	UTE			2089	INLET	460HR
		0.22	72	2	PID		UTE	-2.05	UTE	UTE			2121	INLET	460HR
36	109	0.57	0	P 3	TWD	13	009	+0.77	009	009	WAR		4029	OUTLET	460SI
36	110	0.21	84	2	VOL		014	+1.10	014	014			4029	OUTLET	460SI
36	113	0.82	155	P 3	TWD	13	008	+0.47	008	008	WAR		4039	INLET	460SI
37	20	0.17	38	2	VOL		LTS	+13.08	LTS	LTS			4012	INLET	460SI
37	25	0.07	50	2	VOL		011	-5.34	011	011			4012	INLET	460SI
37	32	0.10	56	2	VOL		010	+1.54	010	010			4012	INLET	460SI
37	59	4.46	182	1	DNT		006	+2.73	006	006			4027	OUTLET	460SI
38	5	0.44	131	2	VOL		009	+0.62	009	009			4012	INLET	460SI
		0.34	148	2	VOL		008	+0.66	008	008			4012	INLET	460SI
38	6	7.83	179	1	DNT		UTS	+12.20	UTS	UTS			4012	INLET	460SI
		8.52	181	1	DNT		LTE	+15.83	LTE	LTE			4012	INLET	460SI
38	8	0.34	128	2	VOL		008	-0.65	008	008			4012	INLET	460SI
38	19	0.10	34	2	VOL		011	+5.04	011	011			4012	INLET	460SI
38	24	0.07	71	2	VOL		011	-5.44	011	011			4012	INLET	460SI
38	34	0.68	23	2	MAI		UTE	-3.34	UTE	UTS	TR		2032	INLET	460HR
		0.71	23	2	TWD	65	UTE	-3.34	UTE	UTS			2032	INLET	460HR
		0.53	20	2	MAI		UTE	-3.34	UTE	UTS	TR		2032	INLET	460HR
		0.53	20	2	TWD	56	UTE	-3.34	UTE	UTS			2032	INLET	460HR
		0.76	29	2	PID		UTE	-3.34	UTE	UTS			2122	INLET	460HR
38	115	0.22	62	2	VOL		008	+0.11	008	008			4043	INLET	460SI
39	6	0.67	60	P 3	TWD	8	010	+0.60	010	010	WAR		4012	INLET	460SI
39	7	0.10	21	2	VOL		014	-13.80	014	014			4012	INLET	460SI
39	10	0.39	128	2	VOL		008	-0.84	008	008			4012	INLET	460SI
		0.29	107	2	VOL		008	+0.55	008	008			4012	INLET	460SI
39	56	3.70	174	1	DNT		008	+15.92	008	008			4026	INLET	460SI
39	79	0.35	69	2	VOL		006	+11.66	006	006			4027	OUTLET	460SI
40	4	1.44	54	P 3	TWD	17	009	+0.69	009	009	WAR		4012	INLET	460SI
40	5	0.30	140	2	VOL		010	+0.13	010	010			4012	INLET	460SI
		0.26	152	2	VOL		010	+0.64	010	010			4012	INLET	460SI
		0.19	101	2	VOL		010	+2.91	010	010			4012	INLET	460SI
40	6	0.19	71	2	VOL		010	+0.36	010	010			4012	INLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
40	8	0.66	61	P 3	TWD 8	009	+0.69	009	009	WAR		4012	INLET	460SI
40	8	0.32	148	2	VOL	008	-0.69	008	008			4012	INLET	460SI
40	80	0.61	88	2	VOL	015	+8.98	015	015			4029	OUTLET	460SI
40	110	4.99	174	1	DNT	LTS	-21.99	LTE	LTS			4029	OUTLET	460SI
		3.87	160	1	DNT	LTS	-7.87	LTE	LTS			4029	OUTLET	460SI
		3.65	167	1	DNT	LTS	-0.87	LTE	LTS			4029	OUTLET	460SI
		2.81	153	1	DNT	LTS	+13.28	LTE	LTS			4029	OUTLET	460SI
40	117	0.08	48	2	VOL	UTS	-19.90	UTS	UTS			4039	INLET	460SI
41	4	0.34	121	2	VOL	012	-0.30	012	012			4031	INLET	460SI
41	5	0.25	103	2	VOL	010	+0.46	010	010			4007	OUTLET	460SI
		0.33	99	2	VOL	010	-10.10	010	010	TO-15.04		4007	OUTLET	460SI
41	55	0.29	81	2	VOL	004	-17.00	004	004			4007	OUTLET	460SI
41	62	0.10	72	2	VOL	015	+18.95	015	015			4031	INLET	460SI
41	113	0.46	40	P 3	TWD 8	008	+0.61	008	008	WAR		4035	INLET	460SI
42	3	0.26	131	P 3	TWD 5	009	+0.65	009	009	WAR		4007	OUTLET	460SI
42	4	0.36	0	P 3	TWD 7	009	+0.69	009	009	WAR		4007	OUTLET	460SI
		0.34	111	2	VOL	009	-0.60	009	009			4007	OUTLET	460SI
		0.44	0	P 3	TWD 8	010	+0.41	010	010	WAR		4007	OUTLET	460SI
42	5	0.25	0	P 3	TWD 5	009	+0.68	009	009	WAR		4007	OUTLET	460SI
		0.37	0	P 3	TWD 7	010	+0.57	010	010	WAR		4007	OUTLET	460SI
42	14	0.19	35	2	VOL	006	-3.49	006	006			4007	OUTLET	460SI
42	26	0.25	70	2	VOL	UTE	-5.46	UTE	UTE			4007	OUTLET	460SI
		0.25	70	2	TWD 31	UTE	-5.46	UTE	UTE			4007	OUTLET	460SI
42	48	0.17	55	2	VOL	006	-17.18	006	006			4011	OUTLET	460SI
42	112	0.53	13	2	TEA	UTE	-0.28	UTE	UTE			2092	INLET	460HR
42	114	0.10	56	2	VOL	012	-12.12	012	012			4035	INLET	460SI
42	117	0.16	135	2	VOL	008	+0.35	008	008			4035	INLET	460SI
43	6	0.33	129	2	VOL	008	+0.62	008	008			4007	OUTLET	460SI
43	7	0.76	0	P 3	TWD 14	008	+0.74	008	008	WAR		4007	OUTLET	460SI
44	1	1.01	28	2	SAI	UTE	-3.34	UTE	UTS			2056	INLET	460HR
		1.01	28	2	TWD 89	UTE	-3.34	UTE	UTS			2056	INLET	460HR
		1.01	27	2	PID	UTE	-3.34	UTE	UTS			2122	INLET	460HR
44	3	0.31	120	P 3	TWD 6	009	+0.65	009	009	WAR		4007	OUTLET	460SI
		0.51	76	2	SVI	014	+0.99	014	014			4007	OUTLET	460SI
		0.50	78	2	TWD 19	014	+0.99	014	014			4007	OUTLET	460SI
44	4	0.88	0	P 3	TWD 14	014	+0.80	014	014	WAR		4007	OUTLET	460SI
44	100	3.21	189	1	DNT	001	+6.01	001	001			4035	INLET	460SI
44	106	0.20	99	2	VOL	UTE	-3.15	UTE	UTE			2110	INLET	460HR
		0.19	120	2	PID	UTE	-3.15	UTE	UTE			2123	INLET	460HR
45	1	0.49	0	P 3	TWD 8	014	-0.57	014	014	WAR		4007	OUTLET	460SI
		0.20	67	2	VOL	014	+1.16	014	014			4007	OUTLET	460SI
45	5	0.55	106	P 3	TWD 10	009	+0.65	009	009	WAR		4007	OUTLET	460SI
45	62	0.12	60	2	VOL	009	+17.33	009	009			4033	INLET	460SI
45	119	0.56	140	P 3	TWD 10	008	-0.58	008	008	WAR		4035	INLET	460SI
46	4	0.83	71	P 3	TWD 21	010	+0.74	010	010	WAR		4009	OUTLET	460SI
46	14	0.93	14	2	TEA	UTE	-0.25	UTE	UTE			2055	INLET	460HR
46	76	0.08	51	2	VOL	008	-9.60	008	008			4031	INLET	460SI
46	83	2.62	330	1	DNT	014	+15.22	014	014			4031	INLET	460SI
		4.43	3	1	DNT	014	+3.49	014	014			4031	INLET	460SI
		0.17	28	2	SAI	014	+15.22	014	014			4031	INLET	460SI
		0.17	28	2	TWD 82	014	+15.22	014	014			4031	INLET	460SI
46	91	0.24	122	2	VOL	UTE	-3.15	UTE	UTE			2099	INLET	460HR
		0.20	121	2	PID	UTE	-3.15	UTE	UTE			2123	INLET	460HR
46	95	0.23	91	2	VOL	014	-0.48	014	014			4033	INLET	460SI
46	99	0.49	83	2	VOL	011	-0.72	011	011			4043	INLET	460SI
47	3	1.44	22	2	TEA	UTE	-0.25	UTE	UTE			2052	INLET	460HR
47	4	0.58	106	P 3	TWD 16	010	+0.65	010	010	WAR		4009	OUTLET	460SI
47	8	0.06	56	2	VOL	014	+5.57	014	014			4009	OUTLET	460SI
47	46	0.30	138	P 1	VOL	014	+0.48	014	014			4011	OUTLET	460SI
47	75	0.09	56	2	VOL	012	+8.67	012	012			4031	INLET	460SI
		0.11	54	2	VOL	009	-12.35	009	009			4031	INLET	460SI
47	85	0.08	79	2	VOL	015	-12.75	015	015			4031	INLET	460SI
47	103	0.21	136	2	VOL	012	+0.43	012	012			4035	INLET	460SI
47	114	0.30	70	2	VOL	UTS	+13.50	UTS	UTS			4035	INLET	460SI
47	122	0.26	131	2	VOL	015	+18.97	015	015			4037	INLET	460SI
48	3	0.53	126	P 3	TWD 15	009	+0.63	009	009	WAR		4009	OUTLET	460SI
48	44	0.23	0	P 3	TWD 10	014	+0.51	014	014	WAR		4011	OUTLET	460SI
48	61	4.94	166	1	DNT	008	+16.48	008	008			4014	OUTLET	460SI
49	1	7.62	175	1	DNT	010	-0.08	010	010			4009	OUTLET	460SI
49	3	0.40	26	2	SAI	UTE	-1.14	UTE	UTE			2046	INLET	460HR
		0.40	26	2	TWD 78	UTE	-1.14	UTE	UTE			2046	INLET	460HR
		0.41	32	2	PID	UTE	-1.14	UTE	UTE			2059	INLET	460HR
49	76	0.23	33	2	VOL	014	+0.26	014	014			4031	INLET	460SI
49	82	0.13	63	2	VOL	LTS	+19.13	LTS	LTS			4031	INLET	460SI
49	113	0.28	109	2	VOL	011	+0.67	011	011			4035	INLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
49	114	0.25	98	2	VOL		011	+1.54	011	011		4035	INLET	460SI
		0.47	90	2	TWD	0	011	+1.54	011	011		4035	INLET	460SI
50	3	0.49	131	P 3	TWD	14	009	+0.66	009	009	WAR	4009	OUTLET	460SI
50	11	0.12	67	2	VOL		008	+7.84	008	008		4009	OUTLET	460SI
		0.06	41	2	VOL		011	+3.51	011	011		4009	OUTLET	460SI
		0.09	64	2	VOL		012	-12.09	012	012		4009	OUTLET	460SI
50	29	0.09	57	2	VOL		014	-5.18	014	014		4009	OUTLET	460SI
50	62	0.29	77	2	VOL		013	+0.35	013	013		4014	OUTLET	460SI
50	64	0.49	28	2	TEA		UTE	-0.21	UTE	UTE		2120	INLET	460HR
50	102	1.11	15	2	TEA		UTE	-0.15	UTE	UTE		2106	INLET	460HR
50	107	0.15	75	2	VOL		014	+6.64	014	014		4035	INLET	460SI
51	3	0.31	102	P 3	TWD	9	009	+0.78	009	009	WAR	4009	OUTLET	460SI
51	4	0.37	80	2	VOL		010	-23.43	010	010		4009	OUTLET	460SI
51	6	0.16	56	2	VOL		002	+2.57	002	002		4009	OUTLET	460SI
51	28	2.48	183	1	DNT		LTS	-13.11	LTS	LTS		4009	OUTLET	460SI
		3.97	177	1	DNT		001	+5.79	001	001		4009	OUTLET	460SI
51	124	4.55	174	1	DNT		UTS	+0.09	UTS	UTS		4037	INLET	460SI
		1.77	184	1	DNT		015	+0.82	015	015		4037	INLET	460SI
52	26	0.21	42	2	VOL		013	-8.96	013	013	TR	4009	OUTLET	460SI
52	29	0.32	20	2	SAI		UTE	-3.05	UTE	UTS		2046	INLET	460HR
		0.32	20	2	TWD	58	UTE	-3.05	UTE	UTS		2046	INLET	460HR
		0.40	22	2	PID		UTE	-3.05	UTE	UTS		2122	INLET	460HR
		0.12	49	2	VOL		015	+13.42	015	015		4009	OUTLET	460SI
		0.12	44	2	TWD	65	015	+13.42	015	015		4009	OUTLET	460SI
52	35	0.12	43	2	VOL		LTS	+22.13	LTS	LTS		4009	OUTLET	460SI
52	75	0.17	52	2	VOL		012	-15.88	012	012		4031	INLET	460SI
52	98	0.23	63	2	VOL		014	+0.78	014	014		4033	INLET	460SI
		0.22	62	2	TWD	58	014	+0.78	014	014		4033	INLET	460SI
52	108	0.12	111	2	VOL		014	+0.71	014	014		4035	INLET	460SI
52	113	0.10	57	2	VOL		UTS	-1.45	UTS	UTS		4037	INLET	460SI
52	121	1.25	17	2	TEA		UTE	-0.12	UTE	UTE	WAR	2106	INLET	460HR
		0.26	101	P 3	TWD	5	010	+0.54	010	010		4037	INLET	460SI
52	122	2.09	22	2	TEA		UTE	-0.23	UTE	UTE		2107	INLET	460HR
53	1	0.33	125	2	VOL		011	+0.56	011	011		4011	OUTLET	460SI
53	7	0.22	136	2	VOL		009	-0.69	009	009		4009	OUTLET	460SI
		0.05	62	2	VOL		014	-10.91	014	014		4009	OUTLET	460SI
53	17	0.06	66	2	VOL		013	-8.10	013	013		4009	OUTLET	460SI
53	21	0.09	85	2	VOL		010	+14.67	010	010		4009	OUTLET	460SI
53	28	0.10	50	2	VOL		UTS	-14.63	UTS	UTS		4009	OUTLET	460SI
53	54	0.10	36	2	VOL		014	+18.54	014	014		4009	OUTLET	460SI
53	71	0.22	49	2	VOL		014	+0.46	014	014		4031	INLET	460SI
54	41	0.08	66	2	VOL		009	+6.13	009	009		4009	OUTLET	460SI
54	124	0.23	68	P 3	VOL		013	+1.31	013	013		4037	INLET	460SI
		0.86	28	2	TWD	76	013	+1.31	013	013		4037	INLET	460SI
55	45	0.15	43	2	VOL		008	+11.48	008	008		4009	OUTLET	460SI
55	48	0.32	105	2	VOL		UTE	-1.91	UTE	UTE	CS	2063	INLET	460HR
		0.32	88	2	PID		UTE	-1.91	UTE	UTE		2122	INLET	460HR
55	120	0.67	80	P 3	TWD	12	008	-0.59	008	008	WAR	4037	INLET	460SI
56	9	0.14	49	P 1	VOL		015	+40.69	015	015		4011	OUTLET	460SI
56	18	0.11	46	2	VOL		010	-6.94	010	010		4009	OUTLET	460SI
56	32	0.10	58	2	VOL		012	-4.36	012	012		4009	OUTLET	460SI
56	39	0.10	44	2	VOL		012	+11.24	012	012		4009	OUTLET	460SI
56	90	0.88	18	2	SAI		UTE	-0.27	UTE	UTE	CL	2106	INLET	460HR
		0.88	18	2	TWD	49	UTE	-0.27	UTE	UTE		2106	INLET	460HR
		0.98	18	2	PID		UTE	-0.27	UTE	UTE		2123	INLET	460HR
56	93	8.97	186	1	DNT		UTS	+6.53	UTS	UTS		4033	INLET	460SI
56	110	0.11	76	2	VOL		011	+1.37	011	011		4035	INLET	460SI
56	126	0.26	54	P 3	TWD	5	009	-0.65	009	009	WAR	4037	INLET	460SI
57	1	6.90	172	1	DNT		LTS	-13.22	LTS	LTS		4011	OUTLET	460SI
		6.56	180	1	DNT		UTE	-11.56	UTE	UTE		4011	OUTLET	460SI
57	2	7.05	1	1	DNT		LTS	-13.36	LTS	LTS		4009	OUTLET	460SI
		4.48	173	1	DNT		UTE	-11.57	UTE	UTE		4009	OUTLET	460SI
57	10	0.15	61	2	VOL		011	+1.09	011	011		4011	OUTLET	460SI
57	27	0.05	43	2	VOL		011	+13.28	011	011		4009	OUTLET	460SI
57	93	0.11	44	2	VOL		008	+16.33	008	008		4033	INLET	460SI
57	114	0.13	76	2	VOL		011	+7.61	011	011		4035	INLET	460SI
57	122	0.49	136	P 3	TWD	9	010	+0.47	010	010	WAR	4037	INLET	460SI
58	3	6.04	357	1	DNT		LTS	-12.92	LTS	LTS		4009	OUTLET	460SI
		0.10	127	2	VOL		010	-0.04	010	010		4009	OUTLET	460SI
		7.86	4	1	DNT		UTE	-11.64	UTE	UTE		4009	OUTLET	460SI
58	41	5.52	178	1	DNT		UTS	+9.15	UTS	UTS		4011	OUTLET	460SI
58	94	0.11	39	2	VOL		003	-15.04	003	003		4033	INLET	460SI
58	124	0.71	95	P 3	TWD	13	009	-0.70	009	009	WAR	4037	INLET	460SI
58	125	0.26	124	2	VOL		009	+0.65	009	009		4037	INLET	460SI
59	1	5.98	168	1	DNT		LTS	-13.44	LTS	LTS		4011	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
59	5	5.94	181	1	DNT		LTS	+14.79	LTS	LTS		4011	OUTLET	460SI
59	8	0.25	0	P 3	TWD	11	009	-0.64	009	009	WAR	4011	OUTLET	460SI
59	39	0.15	56	2	VOL		015	+15.56	015	015		4011	OUTLET	460SI
59	96	0.28	67	2	VOL		013	+0.84	013	013		4033	INLET	460SI
59	101	3.76	191	1	DNT		001	+6.31	001	001		4033	INLET	460SI
59	118	0.24	137	2	VOL		009	-0.53	009	009		4037	INLET	460SI
		0.35	85	P 3	TWD	7	008	-0.69	008	008	WAR	4037	INLET	460SI
59	120	0.22	78	2	VOL		010	-15.29 TO-20.87	010	010		4037	INLET	460SI
59	121	0.34	97	2	VOL		010	-12.28 TO-18.43	010	010		4037	INLET	460SI
		1.38	85	P 3	TWD	13	009	+0.50	009	009	WAR	4037	INLET	460SI
59	122	0.62	120	P 3	TWD	11	009	-0.71	009	009	WAR	4037	INLET	460SI
		0.69	149	P 3	TWD	12	008	-0.59	008	008	WAR	4037	INLET	460SI
60	115	6.67	172	1	DNT		014	-2.50	014	014		4035	INLET	460SI
60	118	5.14	173	1	DNT		014	-2.66	014	014		4035	INLET	460SI
60	124	0.35	123	2	VOL		009	-0.78	009	009		4037	INLET	460SI
60	126	0.38	93	2	VOL		010	-2.43 TO-15.99	010	010		4037	INLET	460SI
61	1	5.86	180	1	DNT		001	+4.72	001	001		4011	OUTLET	460SI
		0.12	94	2	SAI		015	+3.55 TO+4.95	015	015		903	OUTLET	460LW
		0.13	90	2	TWD	32	015	+3.55 TO+4.95	015	015		903	OUTLET	460LW
		0.18	100	2	MAI		015	+5.07 TO+7.26	015	015		903	OUTLET	460LW
		0.18	91	2	TWD	31	015	+5.07 TO+7.26	015	015		903	OUTLET	460LW
		0.13	79	2	TWD	44	015	+5.07 TO+7.26	015	015		903	OUTLET	460LW
		0.11	107	2	PID		015	+5.07 TO+7.26	015	015		907	INLET	460LW
61	2	0.20	72	2	VOL		014	+1.31	014	014		4011	OUTLET	460SI
61	28	0.28	105	2	VOL		UTE	-7.50	UTE	UTE		4009	OUTLET	460SI
61	58	0.32	134	2	VOL		013	+0.03	013	013		4003	OUTLET	460SI
61	85	4.36	184	1	DNT		UTS	-6.06	UTS	UTS		4033	INLET	460SI
		0.20	86	2	VOL		015	+0.81	015	015		4033	INLET	460SI
61	103	6.40	350	1	DNT		001	+6.28	001	001		4035	INLET	460SI
61	108	0.08	69	2	VOL		014	-13.12	014	014		4035	INLET	460SI
61	110	6.86	175	1	DNT		LTS	-12.71	LTS	LTS		4035	INLET	460SI
61	111	0.09	88	2	VOL		014	+0.86	014	014		4035	INLET	460SI
61	121	1.19	143	P 3	TWD	12	009	-0.67	009	009	WAR	4037	INLET	460SI
61	122	0.41	95	2	VOL		010	-7.54 TO-19.85	010	010		4037	INLET	460SI
		0.96	142	P 3	TWD	10	009	+0.65	009	009	WAR	4037	INLET	460SI
		1.39	131	P 3	TWD	13	009	-0.67	009	009	WAR	4037	INLET	460SI
61	124	0.35	147	2	VOL		009	-0.64	009	009		4037	INLET	460SI
61	126	0.38	45	2	SAI		011	+5.26	011	011		4037	INLET	460SI
		0.38	45	2	TWD	99	011	+5.26	011	011		4037	INLET	460SI
62	112	8.36	169	1	DNT		LTS	-13.16	LTS	LTS		4035	INLET	460SI
62	115	0.29	82	2	VOL		014	+1.43	014	014		4035	INLET	460SI
63	59	0.45	136	P 3	TWD	7	013	+0.71	013	013	WAR	4003	OUTLET	460SI
63	66	0.37	139	P 3	TWD	6	014	+0.71	014	014	WAR	4003	OUTLET	460SI
63	113	5.78	359	1	DNT		LTS	-13.23	LTS	LTS		4035	INLET	460SI
63	114	6.73	0	1	DNT		LTS	-13.09	LTS	LTS		4035	INLET	460SI
63	128	0.32	82	2	VOL		014	+0.94	014	014		4037	INLET	460SI
		0.32	82	2	TWD	73	014	+0.94	014	014		4037	INLET	460SI
		0.46	148	P 3	TWD	9	009	-0.71	009	009	WAR	4037	INLET	460SI
64	35	0.11	119	2	VOL		UTE	-2.98	UTE	UTE		2041	INLET	460HR
		0.12	108	2	PID		UTE	-2.98	UTE	UTE		2122	INLET	460HR
64	124	0.82	86	P 3	TWD	15	009	-0.62	009	009	WAR	4037	INLET	460SI
65	60	0.98	16	2	TEA		UTE	-0.30	UTE	UTE		2002	INLET	460HR
65	69	0.17	65	2	VOL		005	+30.19	005	006		4003	OUTLET	460SI
65	76	0.10	55	2	VOL		009	-19.28	009	009		4043	INLET	460SI
65	99	0.11	67	2	VOL		009	+16.67	009	009		4033	INLET	460SI
65	126	6.43	180	1	DNT		UTS	+7.57	UTS	UTS		4037	INLET	460SI
		0.75	88	P 3	TWD	14	009	-0.69	009	009	WAR	4037	INLET	460SI
65	127	0.66	63	P 3	TWD	12	009	-0.67	009	009	WAR	4037	INLET	460SI
		0.63	70	P 3	TWD	11	008	-0.68	008	008	WAR	4037	INLET	460SI
65	128	0.42	108	2	VOL		009	-0.59	009	009		4037	INLET	460SI
65	129	0.34	111	2	VOL		010	-1.71	010	010		4037	INLET	460SI
66	41	1.16	121	1	DNT		LTS	-1.49	LTS	LTS		4011	OUTLET	460SI
66	57	0.15	46	P 1	VOL		008	+7.05	008	008		4011	OUTLET	460SI
66	81	0.18	111	2	PID		UTE	-1.86	UTE	UTE		2123	INLET	460HR
		0.16	129	2	VOL		UTE	-1.86	UTE	UTE	CS	2115	INLET	460HR
66	108	1.89	37	P 1	PID		UTE	-0.11	UTE	UTE		2123	INLET	460HR
		6.53	37	P 1	SCI		UTE	-0.11	UTE	UTE	CL	2114	INLET	460HR
		2.40	100	P 1	TWD	0	UTE	-0.11 TO+80.5	UTE	UTE		2114	INLET	460HR
		2.79	89	P 1	TWD	29	UTE	-0.11 TO+88.9	UTE	UTE		2114	INLET	460HR
		3.26	81	P 1	TWD	37	UTE	-0.11 TO+97.4	UTE	UTE		2114	INLET	460HR
		3.45	84	P 1	TWD	34	UTE	-0.11 TO+105.9	UTE	UTE		2114	INLET	460HR
		4.25	69	P 1	TWD	49	UTE	-0.11 TO+114.4	UTE	UTE		2114	INLET	460HR
		5.98	54	P 1	TWD	66	UTE	-0.11 TO+122.8	UTE	UTE		2114	INLET	460HR
		6.50	55	P 1	TWD	65	UTE	-0.11 TO+131.3	UTE	UTE		2114	INLET	460HR
		5.70	64	P 1	TWD	55	UTE	-0.11 TO+139.8	UTE	UTE		2114	INLET	460HR

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	
		4.41	70	P 1	TWD	48	UTE	-0.11	TO+148.2	UTE	UTE	2114	INLET	460HR	
		3.56	70	P 1	TWD	48	UTE	-0.11	TO+156.7	UTE	UTE	2114	INLET	460HR	
		3.11	75	P 1	TWD	43	UTE	-0.11	TO+165.2	UTE	UTE	2114	INLET	460HR	
		2.49	88	P 1	TWD	0	UTE	-0.11	TO+173.6	UTE	UTE	2114	INLET	460HR	
66	127	0.35	127	2	VOL		010	-11.80	TO-19.35	010	010		4037	INLET	460SI
66	128	1.21	133	P 3	TWD	12	009	-0.65		009	009		4037	INLET	460SI
66	129	0.43	74	P 3	TWD	8	009	-0.65		009	009		4037	INLET	460SI
67	1	7.30	176	1	DNT		010	-1.65		010	010		4016	OUTLET	460SI
67	69	1.15	100	1	VOL		LTS	-17.71		LTS	LTS		3001	OUTLET	460TS
		0.28	115	2	PID		LTS	-17.71		LTS	LTS		3007	OUTLET	460TS
67	86	1.65	18	2	TEA		UTE	-0.17		UTE	UTE		2115	INLET	460HR
67	105	0.23	23	2	TEA		UTE	-0.26		UTE	UTE		2114	INLET	460HR
67	107	0.11	86	2	SAI		UTS	-0.69		UTS	UTS		4033	INLET	460SI
		0.10	62	2	SAI		UTS	-1.09		UTS	UTS		4033	INLET	460SI
		0.13	78	2	TWD	39	UTS	-0.69		UTS	UTS		4033	INLET	460SI
		0.10	64	2	TWD	82	UTS	-1.09		UTS	UTS		4033	INLET	460SI
67	122	1.20	10	2	TEA		UTE	-0.21		UTE	UTE		2115	INLET	460HR
67	130	1.97	175	1	DNT		015	-0.19		015	015		4037	INLET	460SI
68	40	0.32	103	P 1	VOL		014	-0.09		013	014		4011	OUTLET	460SI
68	84	0.19	101	2	PID		UTE	-1.50		UTE	UTE		2123	INLET	460HR
		0.16	118	2	VOL		UTE	-1.50		UTE	UTE		2114	INLET	460HR
68	86	0.46	15	2	TEA		UTE	-0.19		UTE	UTE		2114	INLET	460HR
68	106	0.77	20	2	TEA		UTE	-0.24		UTE	UTE		2123	INLET	460HR
68	123	0.43	137	P 3	TWD	8	009	-0.76		009	009		4035	INLET	460SI
68	130	2.22	176	1	DNT		015	-0.42		015	015		4037	INLET	460SI
68	131	2.09	178	1	DNT		015	-0.10		015	015		4037	INLET	460SI
69	19	5.77	179	1	DNT		003	+5.00		003	003		4011	OUTLET	460SI
69	25	0.16	69	P 1	VOL		004	+6.95		004	004		4011	OUTLET	460SI
69	81	0.38	123	2	PID		UTE	-2.23		UTE	UTE		2123	INLET	460HR
		0.34	125	2	VOL		UTE	-2.23		UTE	UTE		2114	INLET	460HR
		0.18	91	2	VOL		UTS	+12.67		UTS	UTS		4033	INLET	460SI
69	131	9.49	174	1	DNT		010	-0.25		010	010		4037	INLET	460SI
70	1	3.81	20	P 1	DRS		UTE	-0.76		UTE	UTE		1010	INLET	400PS
70	3	0.27	122	2	VOL		014	+0.01		014	014		4016	OUTLET	460SI
70	111	0.62	124	2	VOL		006	-0.64		006	006		4033	INLET	460SI
70	123	0.18	88	2	VOL		014	+0.90		014	014		4035	INLET	460SI
		0.18	88	2	TWD	0	014	+0.90		014	014		4035	INLET	460SI
70	131	11.60	171	1	DNT		010	-0.00		010	010		4037	INLET	460SI
		0.08	95	2	VOL		010	+5.58		010	010		4037	INLET	460SI
71	1	1.81	17	P 1	DRS		UTE	-0.82		UTE	UTE		1010	INLET	400PS
71	2	3.09	22	P 1	DRS		UTE	-0.77		UTE	UTE		1010	INLET	400PS
71	3	2.49	21	P 1	DRS		UTE	-0.76		UTE	UTE		1010	INLET	400PS
71	4	2.52	25	P 1	DRS		UTE	-0.83		UTE	UTE		1011	INLET	400PS
71	5	0.45	85	P 3	TWD	11	009	-0.65		009	009		4016	OUTLET	460SI
71	6	0.19	76	2	VOL		006	+7.77		006	006		4016	OUTLET	460SI
		0.31	125	2	VOL		011	+0.45		011	011		4016	OUTLET	460SI
71	68	0.21	62	2	VOL		001	+33.74		001	002		4003	OUTLET	460SI
71	81	0.22	122	2	VOL		UTE	-1.71		UTE	UTE		2123	INLET	460HR
		0.21	116	2	PID		UTE	-1.71		UTE	UTE		2124	INLET	460HR
71	85	0.45	19	4	PID		UTE	-3.04		UTE	UTS		2123	INLET	460HR
		0.57	21	2	MAI		UTE	-3.04		UTE	UTS		2117	INLET	460HR
		0.57	21	2	TWD	60	UTE	-3.04		UTE	UTS		2117	INLET	460HR
		0.15	28	2	TWD	83	UTE	-3.22		UTE	UTS		2117	INLET	460HR
71	88	8.57	176	1	DNT		002	+11.72		002	002		4033	INLET	460SI
71	131	0.19	57	2	VOL		015	+0.47		015	015		4037	INLET	460SI
		0.08	83	2	VOL		015	+0.38		015	015		4037	INLET	460SI
72	3	1.19	26	P 1	DRS		UTE	-0.80		UTE	UTE		1011	INLET	400PS
72	12	0.23	0	P 3	TWD	10	012	+0.50		012	012		4011	OUTLET	460SI
72	13	0.28	146	2	VOL		012	+0.37		012	012		4011	OUTLET	460SI
72	14	1.06	13	2	TEA		UTE	-0.17		UTE	UTE		2035	INLET	460HR
72	19	0.30	156	P 1	VOL		011	+0.56		011	011		4011	OUTLET	460SI
72	41	0.22	0	P 3	TWD	9	010	+0.54		010	010		4011	OUTLET	460SI
72	58	0.12	91	2	VOL		014	-0.22		014	014		4003	OUTLET	460SI
72	85	0.89	22	2	TEA		UTE	-0.18		UTE	UTE		2117	INLET	460HR
72	95	0.22	154	2	VOL		UTE	-2.32		UTE	UTE		2118	INLET	460HR
		0.19	137	2	PID		UTE	-2.32		UTE	UTE		2123	INLET	460HR
72	99	0.09	65	2	VOL		014	+1.08		014	014		4033	INLET	460SI
73	1	4.02	23	P 1	DRS		UTE	-0.80		UTE	UTE		1010	INLET	400PS
73	3	1.65	125	P 3	VOL		015	-10.57		015	015		1007	INLET	400PS
		5.44	19	P 1	DRS		UTE	-0.79		UTE	UTE		1007	INLET	400PS
		1.36	123	P 3	PID		015	-10.57		015	015		1011	INLET	400PS
73	6	0.46	92	P 3	TWD	11	012	+0.60		012	012		4016	OUTLET	460SI
73	9	0.67	42	P 3	TWD	16	013	+0.48		013	013		4016	OUTLET	460SI
73	10	0.13	97	2	VOL		011	+5.61		011	011		4016	OUTLET	460SI
73	14	0.44	48	P 1	SCI		015	+0.83		015	015		904	OUTLET	460LW

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
		0.42	48	P 1	TWD	77	015	+0.83				904	OUTLET	460LW
		0.23	50	P 4	TWD	0	015	+0.83	TO+293.1	015	015	904	OUTLET	460LW
		0.32	49	P 4	TWD	33	015	+0.83	TO+288.0	015	015	904	OUTLET	460LW
		0.41	45	P 4	TWD	42	015	+0.83	TO+282.9	015	015	904	OUTLET	460LW
		0.49	40	P 4	TWD	52	015	+0.83	TO+277.7	015	015	904	OUTLET	460LW
		0.56	38	P 4	TWD	58	015	+0.83	TO+272.6	015	015	904	OUTLET	460LW
		0.58	38	P 4	TWD	60	015	+0.83	TO+267.4	015	015	904	OUTLET	460LW
		0.62	36	P 4	TWD	65	015	+0.83	TO+262.3	015	015	904	OUTLET	460LW
		0.70	32	P 4	TWD	73	015	+0.83	TO+257.1	015	015	904	OUTLET	460LW
		0.74	30	P 4	TWD	77	015	+0.83	TO+252.0	015	015	904	OUTLET	460LW
		0.64	31	P 4	TWD	66	015	+0.83	TO+246.9	015	015	904	OUTLET	460LW
		0.53	35	P 4	TWD	55	015	+0.83	TO+241.7	015	015	904	OUTLET	460LW
		0.49	37	P 4	TWD	51	015	+0.83	TO+236.6	015	015	904	OUTLET	460LW
		0.45	37	P 4	TWD	46	015	+0.83	TO+231.4	015	015	904	OUTLET	460LW
		0.39	36	P 4	TWD	40	015	+0.83	TO+226.3	015	015	904	OUTLET	460LW
		0.31	36	P 4	TWD	32	015	+0.83	TO+221.1	015	015	904	OUTLET	460LW
		0.23	29	P 4	TWD	24	015	+0.83	TO+216.0	015	015	904	OUTLET	460LW
		0.19	24	P 4	TWD	0	015	+0.83	TO+210.9	015	015	904	OUTLET	460LW
		0.46	66	P 1	PID		015	+0.83				908	INLET	460LW
73	29	0.25	136	P 1	VOL		011	+0.57				4011	OUTLET	460SI
73	64	1.08	16	2	TEA		UTE	-0.25				2002	INLET	460HR
73	77	1.56	14	2	TEA		UTE	-0.17				2118	INLET	460HR
73	103	0.10	75	2	VOL		010	-12.19				4033	INLET	460SI
73	125	0.18	137	2	VOL		010	+0.42				4035	INLET	460SI
74	1	2.32	21	P 1	DRS		UTE	-0.80		SLV		1010	INLET	400PS
		6.41	157	1	DNT		LTS	-13.32				4018	OUTLET	460SI
74	9	3.12	15	P 1	DRS		UTE	-0.80		SLV		1007	INLET	400PS
74	25	1.57	27	P 1	PVN		015	-6.89		SLV		1007	INLET	400PS
		1.94	40	P 1	PID		015	-6.89				1013	INLET	400PS
74	30	0.71	49	P 1	VOL		015	-7.86		SLV		1006	INLET	400PS
		0.59	47	P 1	PID		015	-7.86				1011	INLET	400PS
74	63	0.50	140	P 3	TWD	8	006	+0.69		WAR		4003	OUTLET	460SI
74	80	1.80	21	2	TEA		UTE	-0.34				2120	INLET	460HR
74	99	6.80	188	1	DNT		014	-4.67				4033	INLET	460SI
74	124	0.11	106	2	VOL		014	+1.30				4037	INLET	460SI
74	125	0.64	11	2	TEA		UTE	-0.32				2120	INLET	460HR
75	1	6.22	21	P 1	DRS		UTE	-0.80		SLV		1010	INLET	400PS
		3.56	164	1	DNT		LTS	-13.34				4018	OUTLET	460SI
75	4	4.69	21	P 1	DRS		UTE	-0.69		SLV		1005	INLET	400PS
75	13	4.00	17	P 1	DRS		UTE	-0.73		SLV		1005	INLET	400PS
75	14	3.22	23	P 1	DRS		UTE	-0.76		SLV		1005	INLET	400PS
75	15	2.83	23	P 1	DRS		UTE	-0.76		SLV		1005	INLET	400PS
75	21	0.10	33	2	VOL		008	+13.03				4016	OUTLET	460SI
		5.34	20	P 1	DRS		UTE	-0.75		SLV		1006	INLET	400PS
75	29	1.88	118	P 3	VOL		015	-10.13				1006	INLET	400PS
		1.22	98	P 3	VOL		015	-11.69				1006	INLET	400PS
		1.80	124	P 3	PID		015	-11.69				1011	INLET	400PS
75	30	2.24	34	P 1	DRS		UTE	-0.75		SLV		1006	INLET	400PS
75	37	3.33	227	P 1	PVN		UTE	-0.42		SLV		1006	INLET	400PS
		3.56	57	P 1	PID		UTE	-0.42				1013	INLET	400PS
75	40	1.31	47	P 1	DRS		UTE	-0.47		SLV		1006	INLET	400PS
75	99	0.15	60	2	VOL		012	-4.12				4033	INLET	460SI
75	111	0.20	88	2	VOL		014	+1.06				4033	INLET	460SI
		0.34	69	2	TWD	48	014	+1.06				4033	INLET	460SI
75	112	0.22	96	2	VOL		014	+1.12				4037	INLET	460SI
		0.22	96	2	TWD	89	014	+1.12				4037	INLET	460SI
75	121	0.41	153	P 3	TWD	8	003	-0.80		WAR		4037	INLET	460SI
75	123	0.11	68	2	VOL		014	+1.30				4037	INLET	460SI
76	98	0.18	80	2	SAI		011	-8.41				4033	INLET	460SI
		0.18	76	2	TWD	51	011	-8.41				4033	INLET	460SI
77	3	4.53	24	P 1	DRS		UTE	-0.71		SLV		1005	INLET	400PS
		7.54	169	1	DNT		LTS	-13.20				4018	OUTLET	460SI
77	5	4.81	20	P 1	DRS		UTE	-0.74		SLV		1005	INLET	400PS
77	6	4.31	22	P 1	DRS		UTE	-0.94		SLV		1005	INLET	400PS
		4.44	18	P 1	DRS		UTE	-0.70		SLV		1005	INLET	400PS
77	8	2.80	178	1	DNT		LTS	-13.36				4016	OUTLET	460SI
		4.80	11	P 1	DRS		UTE	-0.69		SLV		1005	INLET	400PS
77	22	5.68	356	1	DNT		LTS	-13.14				4016	OUTLET	460SI
		4.18	22	P 1	DRS		UTE	-0.79		SLV		1005	INLET	400PS
77	24	2.71	28	P 1	DRS		UTE	-0.79		SLV		1005	INLET	400PS
77	25	0.14	70	2	VOL		011	+7.69				4016	OUTLET	460SI
		4.91	26	P 1	DRS		UTE	-0.80		SLV		1005	INLET	400PS
77	26	4.03	20	P 1	DRS		UTE	-0.83		SLV		1005	INLET	400PS
77	27	6.38	22	P 1	DRS		UTE	-0.82		SLV		1005	INLET	400PS
77	38	7.72	68	P 2	PID		UTE	-0.57				1013	INLET	400PS

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
77	44	0.36	64	P 2	PVN		UTE	-0.57	UTE UTS	SLV		1004	INLET	400PS
77	50	0.32	135	2	VOL		003	-0.68	003 003			4028	OUTLET	460SI
77	66	0.08	51	2	VOL		007	-0.75	007 007			4028	OUTLET	460SI
78	3	5.56	23	P 1	DRS		015	+8.88	015 015			4001	INLET	460SI
78	8	5.85	21	P 1	DRS		UTE	-0.82	UTE UTE	SLV		1004	INLET	400PS
78	9	1.47	189	1	DNT		UTE	-0.82	UTE UTE	SLV		1011	INLET	400PS
78	10	4.84	350	1	DNT		LTS	-13.48	LTS LTS			4016	OUTLET	460SI
78	11	6.95	176	1	DNT		LTS	-14.72	LTS LTS			4016	OUTLET	460SI
78	12	3.13	179	1	DNT		LTS	-15.24	LTS LTS			4016	OUTLET	460SI
78	13	5.02	347	1	DNT		LTS	-11.34	LTS LTS			4016	OUTLET	460SI
78	14	2.26	341	1	DNT		LTS	-12.39	LTS LTS			4016	OUTLET	460SI
78	15	5.68	173	1	DNT		LTS	-13.40	LTS LTS			4016	OUTLET	460SI
78	16	2.63	21	P 1	DRS		LTS	-13.73	LTS LTS			4016	OUTLET	460SI
78	17	7.32	177	1	DNT		UTE	-0.67	UTE UTE	SLV		1011	INLET	400PS
78	18	3.82	177	1	DNT		LTS	-16.05	LTS LTS			4016	OUTLET	460SI
78	19	2.69	23	P 1	DRS		LTS	-13.29	LTS LTS			4016	OUTLET	460SI
78	20	6.03	350	1	DNT		UTE	-0.82	UTE UTE	SLV		1004	INLET	400PS
78	21	4.42	348	1	DNT		LTS	-13.80	LTS LTS			4016	OUTLET	460SI
78	22	0.09	56	2	VOL		LTS	-16.80	LTS LTS			4016	OUTLET	460SI
78	23	4.79	344	1	DNT		009	+11.39	009 009			4016	OUTLET	460SI
78	24	4.27	345	1	DNT		LTS	-13.34	LTS LTS			4016	OUTLET	460SI
78	25	2.54	343	1	DNT		LTS	-13.85	LTS LTS			4016	OUTLET	460SI
78	26	5.70	354	1	DNT		LTS	-12.79	LTS LTS			4016	OUTLET	460SI
78	27	2.93	19	P 1	DRS		LTS	-13.15	LTS LTS			4016	OUTLET	460SI
78	28	5.09	350	1	DNT		UTE	-0.86	UTE UTE	SLV		1011	INLET	400PS
78	29	3.88	347	1	DNT		LTS	-16.20	LTS LTS			4016	OUTLET	460SI
78	30	1.55	0	1	DNT		LTS	-13.32	LTS LTS			4016	OUTLET	460SI
78	31	4.93	355	1	DNT		LTS	-12.23	LTS LTS			4016	OUTLET	460SI
78	32	4.95	349	1	DNT		LTS	-16.37	LTS LTS			4016	OUTLET	460SI
78	33	5.13	351	1	DNT		LTS	-12.92	LTS LTS			4016	OUTLET	460SI
78	34	1.34	26	P 1	DRS		LTS	-12.90	LTS LTS			4016	OUTLET	460SI
78	35	2.96	25	P 1	VOL		UTE	-0.90	UTE UTE	SLV		1004	INLET	400PS
78	36	1.77	22	P 3	PID		UTE	-0.77	UTE UTE	SLV		1004	INLET	400PS
78	37	0.64	73	P 3	TWD	15	004	-0.77	UTE UTE			1011	INLET	400PS
78	38	0.45	0	P 3	TWD	9	004	-0.74	004 004	WAR		4016	OUTLET	460SI
78	39	0.21	43	2	VOL		004	-0.67	004 004	WAR		4028	OUTLET	460SI
78	40	0.13	91	2	VOL		004	+6.25	004 004			4028	OUTLET	460SI
78	41	0.13	91	2	VOL		014	+1.00	014 014			4034	OUTLET	460SI
79	1	3.16	18	P 1	DRS		UTE	-0.80	UTE UTE	SLV		1010	INLET	400PS
79	2	5.49	169	1	DNT		LTS	-12.95	LTS LTS			4018	OUTLET	460SI
79	3	3.01	176	1	DNT		LTS	-13.64	LTS LTS			4018	OUTLET	460SI
79	4	3.78	18	P 1	PID		015	-9.09	015 015			1012	INLET	400PS
79	5	4.03	14	P 1	SAI		015	-9.09	015 015	SLV		1004	INLET	400PS
79	6	1.58	24	P 1	DRS		UTE	-1.03	UTE UTE	SLV		1004	INLET	400PS
79	7	0.08	35	2	VOL		LTS	+22.36	LTS LTS			4004	OUTLET	460SI
79	8	2.57	24	2	TEA		UTE	-0.31	UTE UTE			2007	INLET	460HR
80	9	0.14	105	2	VOL		011	-2.66	011 011			4016	OUTLET	460SI
80	10	0.26	100	2	VOL		014	+10.99	014 014			4030	OUTLET	460SI
80	11	2.69	355	1	DNT		UTS	+16.06	UTS UTS			4001	INLET	460SI
80	12	0.46	170	2	DNT		UTS	+16.32	UTS UTS			4002	INLET	460SI
80	13	1.54	139	1	VOL		006	-6.01	006 006			4001	INLET	460SI
80	14	0.23	78	2	VOL		014	+1.84	014 014			4034	OUTLET	460SI
80	15	0.13	0	P 3	TWD	4	008	-0.48	008 008	WAR		4034	OUTLET	460SI
81	1	4.52	22	P 1	DRS		UTE	-0.80	UTE UTE	SLV		1010	INLET	400PS
81	2	0.37	101	2	VOL		012	+0.47	012 012			4018	OUTLET	460SI
81	3	0.20	92	2	VOL		014	-0.82	014 014			4030	OUTLET	460SI
81	4	0.18	80	2	TWD	42	014	-0.82	014 014			4030	OUTLET	460SI
81	5	0.57	0	P 3	TWD	8	010	-0.76	010 010	WAR		4030	OUTLET	460SI
81	6	0.75	0	P 3	TWD	10	010	-0.74	010 010	WAR		4030	OUTLET	460SI
81	7	0.65	0	P 3	TWD	9	010	-0.73	010 010	WAR		4030	OUTLET	460SI
81	8	0.73	0	P 3	TWD	10	010	-0.75	010 010	WAR		4030	OUTLET	460SI
81	9	4.21	351	1	DNT		UTS	+15.66	UTE UTS			4001	INLET	460SI
82	10	5.96	171	1	DNT		010	-0.58	010 010			4018	OUTLET	460SI
82	11	0.12	126	2	VOL		010	+5.22	010 010			4018	OUTLET	460SI
82	12	0.15	84	2	VOL		007	+7.63	007 007			4030	OUTLET	460SI
82	13	0.15	68	2	VOL		003	-18.18	003 003			4030	OUTLET	460SI
82	14	0.74	0	P 3	TWD	10	010	-0.74	010 010	WAR		4030	OUTLET	460SI
82	15	0.79	0	P 3	TWD	10	010	-0.76	010 010	WAR		4030	OUTLET	460SI
82	16	0.24	109	1	VOL		013	-11.00	013 013			4030	OUTLET	460SI
82	17	0.18	51	2	VOL		014	+2.22	014 014			4030	OUTLET	460SI
82	18	2.24	153	1	DNT		UTS	+16.45	UTS UTS			4001	INLET	460SI
82	19	3.35	1	1	DNT		UTS	+16.29	UTE UTS			4001	INLET	460SI
82	20	0.15	81	2	VOL		001	+1.12	001 001			4001	INLET	460SI
82	21	0.80	29	2	TEA		UTE	-0.14	UTE UTE			2011	INLET	460HR
82	22	3.86	184	1	DNT		014	-2.82	014 014			4034	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
82	125	0.12	74	2	VOL		014	+1.68	014	014		4036	OUTLET	460SI
		5.13	183	1	DNT		UTS	+3.68	UTS	UTS		4036	OUTLET	460SI
82	128	0.12	48	2	VOL		010	+1.13	010	010		4036	OUTLET	460SI
		0.17	62	2	TWD	50	010	+1.13	010	010		4036	OUTLET	460SI
83	1	4.50	23	P 1	DRS		UTE	-0.70	UTE	UTE	SLV	1010	INLET	400PS
83	4	0.27	96	2	VOL		010	-0.82	010	010		4018	OUTLET	460SI
83	11	0.43	141	2	VOL		010	-0.48	010	010		4030	OUTLET	460SI
83	12	0.29	133	P 3	TWD	6	010	-0.58	010	010	WAR	4030	OUTLET	460SI
83	19	0.58	0	P 3	TWD	8	010	-0.73	010	010	WAR	4030	OUTLET	460SI
83	23	0.50	0	P 3	TWD	7	010	-0.74	010	010	WAR	4030	OUTLET	460SI
83	31	0.44	0	P 3	TWD	6	010	+0.71	010	010	WAR	4030	OUTLET	460SI
83	66	0.08	106	2	VOL		001	+1.11	001	001		4001	INLET	460SI
83	71	2.43	108	1	VOL		009	-14.92	009	009		4001	INLET	460SI
83	128	0.09	79	2	SAI		013	-18.34	013	013		4034	OUTLET	460SI
		0.09	79	2	TWD	18	013	-18.34	013	013		4034	OUTLET	460SI
		0.12	77	2	SAI		013	-16.46	013	013		4034	OUTLET	460SI
		0.12	77	2	TWD	27	013	-16.46	013	013		4034	OUTLET	460SI
83	131	0.13	73	2	VOL		011	+1.16	011	012		4044	OUTLET	460SI
		0.17	72	2	TWD	41	011	+1.16	011	012		4044	OUTLET	460SI
84	37	0.15	60	2	VOL		012	-1.88	012	012		4030	OUTLET	460SI
84	56	0.08	118	2	VOL		004	+16.85	004	004		4030	OUTLET	460SI
		0.29	103	2	VOL		010	-14.94	010	010		4030	OUTLET	460SI
84	72	0.48	67	P 1	VOL		013	+0.48	013	013		4001	INLET	460SI
84	74	0.22	85	2	VOL		014	-10.13	014	014		4001	INLET	460SI
84	114	0.32	33	2	VOL		014	+0.92	014	014		4034	OUTLET	460SI
		0.66	177	2	TWD	0	014	+0.92	014	014		4034	OUTLET	460SI
84	120	0.20	64	2	VOL		LTS	+6.31	LTS	LTS		4034	OUTLET	460SI
84	129	1.03	88	2	SVI		013	+0.94	013	013		4034	OUTLET	460SI
		1.03	88	2	TWD	30	013	+0.94	013	013		4034	OUTLET	460SI
84	130	0.57	81	2	SVI		013	+1.52	013	013		4034	OUTLET	460SI
		0.57	81	2	TWD	36	013	+1.52	013	013		4034	OUTLET	460SI
85	8	0.07	53	2	VOL		012	+8.89	012	012		4030	OUTLET	460SI
85	27	0.21	87	P 3	TWD	4	010	+0.53	010	010	WAR	4030	OUTLET	460SI
85	109	0.19	60	2	VOL		003	-1.61	003	003		4036	OUTLET	460SI
85	129	0.63	26	2	MAI		UTE	-3.04	UTE	UTS		2033	INLET	460HR
		0.63	26	2	TWD	82	UTE	-3.04	UTE	UTS		2033	INLET	460HR
		0.45	32	2	MAI		UTE	-3.04	UTE	UTS		2033	INLET	460HR
		0.45	32	2	TWD	99	UTE	-3.04	UTE	UTS		2033	INLET	460HR
		0.55	22	2	PID		UTE	-3.04	UTE	UTS		2069	INLET	460HR
86	19	1.04	9	2	TEA		UTE	-0.21	UTE	UTE		2074	INLET	460HR
86	70	0.40	135	1	PID		LTS	-16.70	LTS	LTS		3010	OUTLET	460TS
		0.33	126	1	VOL		LTS	-16.70	LTS	LTS		3006	OUTLET	460TS
86	120	0.59	117	P 3	TWD	10	014	+0.75	014	014	WAR	4036	OUTLET	460SI
86	126	1.82	18	2	TEA		UTE	-0.23	UTE	UTE		2033	INLET	460HR
86	131	0.98	19	2	SAI		UTE	-1.27	UTE	UTE	CS	2044	INLET	460HR
		0.98	19	2	TWD	57	UTE	-1.27	UTE	UTE		2044	INLET	460HR
		0.70	19	2	PID		UTE	-1.27	UTE	UTE		2069	INLET	460HR
87	3	0.33	51	2	VOL		012	+0.66	012	012		4018	OUTLET	460SI
		0.26	59	2	TWD	50	012	+0.66	012	012		4018	OUTLET	460SI
87	40	0.14	46	2	VOL		008	-15.84	008	008		4030	OUTLET	460SI
87	70	1.09	15	1	VOL		012	+10.41	012	012		4001	INLET	460SI
87	129	0.53	18	2	SAI		UTE	-1.20	UTE	UTE	CS	2036	INLET	460HR
		0.53	18	2	TWD	50	UTE	-1.20	UTE	UTE		2036	INLET	460HR
		0.54	14	2	PID		UTE	-1.20	UTE	UTE		2069	INLET	460HR
88	24	0.11	59	2	VOL		010	+13.75	010	010		4030	OUTLET	460SI
88	27	0.10	51	2	VOL		014	+6.72	014	014		4030	OUTLET	460SI
88	71	0.12	114	2	VOL		011	-17.26	011	011		4001	INLET	460SI
89	3	0.10	87	2	VOL		010	+1.20	010	010		4040	OUTLET	460SI
		0.26	120	2	VOL		010	-2.18	010	010		4040	OUTLET	460SI
89	5	0.50	0	P 3	TWD	7	009	+0.75	009	009	WAR	4030	OUTLET	460SI
89	66	0.13	73	2	PID		LTS	-18.29	LTS	LTS		3010	OUTLET	460TS
		0.18	39	2	VOL		LTS	-18.29	LTS	LTS		3006	OUTLET	460TS
89	69	0.07	37	2	VOL		007	+15.57	007	007		4001	INLET	460SI
89	71	0.14	59	2	SAI		UTS	-8.57	UTS	UTS		4001	INLET	460SI
		0.14	59	2	TWD	70	UTS	-8.57	UTS	UTS		4001	INLET	460SI
89	74	1.32	117	1	PID		LTS	-17.53	LTS	LTS		3010	OUTLET	460TS
		1.17	124	1	VOL		LTS	-17.53	LTS	LTS		3006	OUTLET	460TS
89	81	5.08	171	1	DNT		012	-18.07	012	012		4034	OUTLET	460SI
89	98	0.12	125	2	VOL		UTE	-1.82	UTE	UTE	CS	2015	INLET	460HR
		0.11	122	2	PID		UTE	-1.82	UTE	UTE		2036	INLET	460HR
89	105	0.14	73	2	SAI		013	+4.65	013	013		4034	OUTLET	460SI
		0.14	73	2	TWD	47	013	+4.65	013	013		4034	OUTLET	460SI
89	122	6.73	172	1	DNT		UTS	+10.55	UTS	UTS		4034	OUTLET	460SI
		5.52	183	1	DNT		UTS	+11.72	UTS	UTS		4034	OUTLET	460SI
89	127	0.17	73	2	VOL		014	+0.83	014	014		4034	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
90	3	0.92	0	P 3	TWD	12	010	+0.37	010 010	WAR		4030	OUTLET	460SI
90	54	12.36	176	1	DNT		006	-14.62	006 006			4028	OUTLET	460SI
		4.79	181	1	DNT		006	-13.63	006 006			4028	OUTLET	460SI
90	75	0.16	67	2	VOL		005	+31.20	005 006			4045	OUTLET	460SI
		0.18	67	2	VOL		005	+32.37	005 006			4045	OUTLET	460SI
		0.10	62	2	VOL		006	+37.63	006 007			4045	OUTLET	460SI
		0.12	68	2	VOL		006	+16.95	006 007			4045	OUTLET	460SI
90	116	0.30	148	2	VOL		014	+0.75	014 014			4034	OUTLET	460SI
		0.37	45	2	TWD	77	014	+0.75	014 014			4034	OUTLET	460SI
91	3	0.05	73	2	VOL		014	+11.82	014 014			4030	OUTLET	460SI
		0.11	24	2	TWD	93	014	+11.82	014 014			4030	OUTLET	460SI
91	71	5.56	5	1	DNT		LTS	-16.00	LTS LTS			4001	INLET	460SI
91	102	0.13	91	2	SAI		011	-7.73	011 011			4036	OUTLET	460SI
		0.13	91	2	TWD	28	011	-7.73	011 011			4036	OUTLET	460SI
91	110	0.37	144	2	VOL		015	+0.76	015 015			4036	OUTLET	460SI
		0.41	36	2	TWD	78	015	+0.76	015 015			4036	OUTLET	460SI
92	3	0.39	76	P 3	TWD	8	010	+0.67	010 010	WAR		4030	OUTLET	460SI
92	78	0.14	97	2	UTE		UTE	-1.30	UTE UTE	TR		2017	INLET	460HR
		0.16	98	2	PID		UTE	-1.30	UTE UTE			2036	INLET	460HR
93	48	0.48	8	2	VOL		008	+19.55	008 008			4028	OUTLET	460SI
93	55	0.11	65	2	VOL		008	+12.88	008 008			4028	OUTLET	460SI
93	109	0.11	106	2	VOL		014	+1.07	014 014			4036	OUTLET	460SI
		0.19	77	2	VOL		014	+0.79	014 014			4036	OUTLET	460SI
93	118	0.12	83	2	VOL		014	+0.97	014 014			4036	OUTLET	460SI
94	2	10.27	180	1	DNT		010	-0.07	010 010			4040	OUTLET	460SI
94	3	0.50	0	P 3	TWD	7	010	+0.70	010 010	WAR		4030	OUTLET	460SI
94	66	0.25	100	2	PID		UTE	-3.82	UTE UTE			2010	INLET	460HR
		0.30	110	2	VOL		UTE	-3.82	UTE UTE	CS		2004	INLET	460HR
		0.20	108	2	VOL		UTS	+20.73	UTE UTS			4001	INLET	460SI
94	71	5.11	350	1	DNT		003	+16.87	003 003			4001	INLET	460SI
94	103	0.08	38	2	VOL		010	-4.98	010 010			4036	OUTLET	460SI
95	55	0.12	68	2	VOL		LTS	+14.61	LTS LTS			4028	OUTLET	460SI
95	69	2.57	17	1	DNT		014	-15.89	014 014			4001	INLET	460SI
95	89	7.56	41	P 1	SCI		UTE	-0.16	UTE UTE	CL		2018	INLET	460HR
		1.38	38	P 3	TWD	0	UTE	-0.16	UTE UTE			2018	INLET	460HR
		1.18	28	P 3	TWD	47	UTE	-0.16	UTE UTE			2018	INLET	460HR
		3.25	37	P 3	TWD	78	UTE	-0.16	UTE UTE			2018	INLET	460HR
		4.87	41	P 3	TWD	96	UTE	-0.16	UTE UTE			2018	INLET	460HR
		1.85	35	P 3	TWD	59	UTE	-0.16	UTE UTE			2018	INLET	460HR
		0.75	45	P 3	TWD	0	UTE	-0.16	UTE UTE			2018	INLET	460HR
		8.30	37	P 1	PID		UTE	-0.16	UTE UTE			2036	INLET	460HR
95	128	0.38	48	P 3	TWD	10	008	-0.40	008 008	WAR		4044	OUTLET	460SI
96	2	0.42	0	P 3	TWD	9	010	+0.57	010 010	WAR		4028	OUTLET	460SI
96	44	0.77	12	2	VOL		010	-0.94	010 010			4028	OUTLET	460SI
		0.71	17	2	TWD	81	010	-0.94	010 010			4028	OUTLET	460SI
96	75	7.22	183	1	DNT		UTS	+19.77	UTS UTE			4045	OUTLET	460SI
96	127	0.21	35	P 3	TWD	5	008	-0.39	008 008	WAR		4044	OUTLET	460SI
97	2	0.43	0	P 3	TWD	9	010	+0.71	010 010	WAR		4028	OUTLET	460SI
98	4	0.94	12	2	TEA		UTE	-0.20	UTE UTE			2081	INLET	460HR
98	12	0.25	99	2	VOL		014	+1.24	014 014			4028	OUTLET	460SI
		0.25	99	2	TWD	6	014	+1.24	014 014			4028	OUTLET	460SI
98	66	0.09	30	2	VOL		011	+17.70	011 012			4045	OUTLET	460SI
99	6	0.09	47	2	VOL		013	-1.56	013 013			4028	OUTLET	460SI
99	41	0.23	42	2	VOL		013	+0.19	013 013			4028	OUTLET	460SI
99	56	1.09	81	1	VOL		LTS	-15.03	LTS LTS			3023	OUTLET	460TS
		0.96	108	1	PID		LTS	-15.03	LTS LTS			3037	INLET	460TS
99	101	0.10	107	2	SAI		008	-3.08	008 008			4034	OUTLET	460SI
		0.10	107	2	TWD	0	008	-3.08	008 008			4034	OUTLET	460SI
		0.11	95	2	SAI		008	-2.80	008 008			4034	OUTLET	460SI
		0.11	95	2	TWD	8	008	-2.80	008 008			4034	OUTLET	460SI
99	126	0.22	45	P 3	TWD	6	008	-0.63	008 008	WAR		4044	OUTLET	460SI
100	4	0.91	10	2	TEA		UTE	-0.18	UTE UTE			2081	INLET	460HR
100	9	1.35	16	2	TEA		UTE	-0.15	UTE UTE			2082	INLET	460HR
100	43	0.26	0	P 3	TWD	5	013	+0.79	013 013	WAR		4028	OUTLET	460SI
100	69	0.10	41	2	VOL		006	+12.36	006 007			4045	OUTLET	460SI
101	4	0.52	144	2	VOL		009	-0.14	009 009			4028	OUTLET	460SI
101	44	0.29	27	2	VOL		014	+0.53	014 014			4028	OUTLET	460SI
101	66	0.14	74	2	VOL		013	+15.59	013 014			4045	OUTLET	460SI
101	120	0.35	93	2	VOL		015	-1.35	015 015			4036	OUTLET	460SI
101	122	0.26	80	2	VOL		UTE	-3.13	UTE UTE			4036	OUTLET	460SI
102	2	0.27	133	2	VOL		010	+0.65	010 010			4028	OUTLET	460SI
102	9	1.12	11	2	TEA		UTE	-0.17	UTE UTE			2081	INLET	460HR
102	20	0.14	38	2	VOL		014	-14.36	014 014			4028	OUTLET	460SI
102	39	0.30	127	2	VOL		014	-0.32	014 014			4028	OUTLET	460SI
102	103	3.84	177	1	DNT		UTE	-4.80	UTE UTE			4036	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
102	121	0.51	26	P 3	TWD	13	009	-0.65	009 009	WAR		4046	OUTLET	460SI
103	8	0.98	14	2	TEA		UTE	-0.18	UTE UTE			2086	INLET	460HR
103	24	0.11	73	2	VOL		012	+15.88	012 012			4028	OUTLET	460SI
		0.11	66	2	VOL		013	+5.80	013 013			4028	OUTLET	460SI
103	100	0.13	86	2	SAI		UTE	-1.76	UTE UTE	TR		2021	INLET	460HR
		0.13	86	2	TWD	4	UTE	-1.76	UTE UTE			2021	INLET	460HR
		0.13	140	2	PID		UTE	-1.76	UTE UTE			2043	INLET	460HR
104	1	0.22	97	2	VOL		010	+11.12	010 010			4028	OUTLET	460SI
104	57	0.17	65	2	VOL		006	-10.68	006 006			4028	OUTLET	460SI
104	89	0.14	45	2	VOL		009	-17.87	009 009			4036	OUTLET	460SI
105	53	0.22	134	2	VOL		UTE	-4.29	UTE UTE			4028	OUTLET	460SI
105	80	0.33	105	2	VOL		UTE	-2.37	UTE UTE			2036	INLET	460HR
		0.29	105	2	PID		UTE	-2.37	UTE UTE			2069	INLET	460HR
105	108	0.89	9	2	TEA		UTE	-0.17	UTE UTE			2036	INLET	460HR
105	121	0.57	137	P 3	TWD	10	008	-0.58	008 008	WAR		4036	OUTLET	460SI
106	4	0.64	0	P 3	TWD	13	009	-0.54	009 009	WAR		4028	OUTLET	460SI
106	63	0.12	55	2	VOL		009	+9.04	009 010			4045	OUTLET	460SI
		0.13	53	2	VOL		009	+8.04	009 010			4045	OUTLET	460SI
106	81	0.58	14	2	TEA		UTE	-0.14	UTE UTE			2036	INLET	460HR
106	100	0.97	16	2	TEA		UTE	-0.12	UTE UTE			2036	INLET	460HR
106	119	0.12	56	2	VOL		003	+24.10	003 004			4045	OUTLET	460SI
107	46	0.12	104	2	VOL		UTE	-7.86	UTE UTE			4028	OUTLET	460SI
107	98	0.64	33	2	PID		UTE	-3.25	UTE UTS			2116	INLET	460HR
		0.46	27	2	SAI		UTE	-3.25	UTE UTS			2069	INLET	460HR
		0.46	27	2	TWD	87	UTE	-3.25	UTE UTS			2069	INLET	460HR
107	102	5.77	178	1	DNT		013	+14.05	013 013			4036	OUTLET	460SI
107	114	1.34	23	2	TEA		UTE	-0.25	UTE UTE			2040	INLET	460HR
108	85	0.10	57	2	VOL		009	-15.03	009 009			4036	OUTLET	460SI
108	86	0.43	104	P 3	TWD	7	004	-0.70	004 004	WAR		4036	OUTLET	460SI
108	115	0.17	40	2	VOL		001	+9.34	001 001			4036	OUTLET	460SI
		0.23	55	2	TWD	56	001	+9.34	001 001			4036	OUTLET	460SI
		0.35	71	2	VOL		010	+0.80	010 010			4036	OUTLET	460SI
		0.47	70	2	TWD	43	010	+0.80	010 010			4036	OUTLET	460SI
108	118	0.32	158	2	VOL		010	+0.54	010 010			4036	OUTLET	460SI
109	19	0.16	39	2	VOL		011	-7.82	011 011			4028	OUTLET	460SI
109	31	0.28	132	2	VOL		014	-0.51	014 014			4028	OUTLET	460SI
109	65	0.08	90	2	SAI		UTS	-9.26	UTS UTS			4036	OUTLET	460SI
		0.08	90	2	TWD	29	UTS	-9.26	UTS UTS			4036	OUTLET	460SI
		0.06	82	2	SAI		UTS	-9.73	UTS UTS			4036	OUTLET	460SI
		0.06	82	2	TWD	38	UTS	-9.73	UTS UTS			4036	OUTLET	460SI
		0.08	97	2	SAI		UTS	-13.06	UTS UTS			4036	OUTLET	460SI
		0.08	97	2	TWD	21	UTS	-13.06	UTS UTS			4036	OUTLET	460SI
		0.04	80	2	SAI		UTS	-17.66	UTS UTS			4036	OUTLET	460SI
		0.04	80	2	TWD	40	UTS	-17.66	UTS UTS			4036	OUTLET	460SI
109	99	0.20	55	2	VOL		005	-11.84	005 005			4036	OUTLET	460SI
110	90	10.55	357	1	DNT		001	+10.00	001 001			4024	OUTLET	460SI
111	72	4.69	359	1	DNT		UTE	-6.67	UTE UTE			4021	OUTLET	460SI
111	76	0.66	15	2	PID		UTE	-1.11	UTE UTE			2116	INLET	460HR
		0.63	14	2	SAI		UTE	-1.11	UTE UTE	TR		2048	INLET	460HR
		0.63	14	2	TWD	41	UTE	-1.11	UTE UTE			2048	INLET	460HR
111	98	1.38	23	2	TEA		UTE	-0.20	UTE UTE			2048	INLET	460HR
112	16	0.10	59	2	VOL		003	+8.90	003 003			4008	OUTLET	460SI
112	59	0.13	76	P 1	VOL		012	+15.01	012 012			4008	OUTLET	460SI
112	104	0.23	90	2	VOL		LTS	-7.15	LTS LTS			4024	OUTLET	460SI
112	110	0.32	0	P 3	TWD	6	009	-0.66	009 009	WAR		4024	OUTLET	460SI
112	115	0.35	84	2	VOL		010	+0.74	010 010			4024	OUTLET	460SI
113	20	0.18	45	2	VOL		011	-11.38	011 011			4008	OUTLET	460SI
113	22	6.38	359	1	DNT		LTS	+6.67	LTS LTS			4008	OUTLET	460SI
113	23	1.12	23	2	TEA		UTE	-0.16	UTE UTE			2094	INLET	460HR
113	36	1.47	14	2	TEA		UTE	-0.13	UTE UTE			2093	INLET	460HR
113	98	0.60	14	2	PID		UTE	-2.97	UTE UTS			2116	INLET	460HR
		0.80	18	2	SAI		UTE	-2.97	UTE UTS	TR		2048	INLET	460HR
		0.80	18	2	TWD	54	UTE	-2.97	UTE UTS			2048	INLET	460HR
113	99	0.98	24	2	MAI		UTE	-2.96	UTE UTS			2047	INLET	460HR
		0.98	24	2	TWD	68	UTE	-2.96	UTE UTS			2047	INLET	460HR
		0.58	28	2	PID		UTE	-2.96	UTE UTS			2116	INLET	460HR
114	1	0.36	166	2	VOL		007	-0.75	007 007			4042	INLET	460SI
114	11	0.38	0	P 3	TWD	9	014	+0.84	014 014	WAR		4008	OUTLET	460SI
114	15	0.15	44	2	VOL		015	+20.92	015 015			4008	OUTLET	460SI
114	18	0.23	55	2	VOL		007	+26.80	008 007			4042	INLET	460SI
114	34	0.83	25	2	TEA		UTE	-0.24	UTE UTE			2095	INLET	460HR
114	51	1.31	11	2	TEA		UTE	-0.27	UTE UTE			2095	INLET	460HR
114	114	0.28	0	P 3	TWD	6	010	+0.73	010 010	WAR		4024	OUTLET	460SI
115	33	1.56	12	2	TEA		UTE	-0.16	UTE UTE			2096	INLET	460HR
115	65	0.10	52	2	VOL		014	+2.46	014 014			4021	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
115	97	0.21	79	2	VOL		014	+1.15	014	014		4024	OUTLET	460SI
115	98	0.18	46	2	VOL		013	+12.83	013	013		4024	OUTLET	460SI
115	110	0.22	0	P 3	TWD	5	009	-0.63	009	009	WAR	4024	OUTLET	460SI
115	111	1.46	0	P 3	TWD	25	008	-0.53	008	008	WAR	4024	OUTLET	460SI
116	13	0.72	23	2	TEA		UTE	-0.31	UTE	UTE		2095	INLET	460HR
116	24	0.81	21	2	TEA		UTE	-0.27	UTE	UTE		2095	INLET	460HR
116	49	0.12	77	2	VOL		012	+0.25	012	012		4013	OUTLET	460SI
116	82	0.05	56	2	VOL		009	-5.03	009	009		4021	OUTLET	460SI
116	94	1.07	20	2	SAI		UTE	-3.09	UTE	UTS		2049	INLET	460HR
		1.07	20	2	TWD	55	UTE	-3.09	UTE	UTS		2049	INLET	460HR
		1.00	22	2	PID		UTE	-3.09	UTE	UTS		2116	INLET	460HR
116	107	0.27	0	P 3	TWD	6	008	+0.32	008	008	WAR	4024	OUTLET	460SI
116	108	0.17	77	2	SAI		015	-2.50	015	015		4024	OUTLET	460SI
		0.17	77	2	TWD	44	015	-2.50	015	015		4024	OUTLET	460SI
117	3	0.43	0	P 3	TWD	11	009	+0.63	009	009	WAR	4008	OUTLET	460SI
117	19	0.15	51	2	VOL		004	+5.14	004	004		4013	OUTLET	460SI
117	23	1.03	23	2	TEA		UTE	-0.20	UTE	UTE		2096	INLET	460HR
117	37	1.38	9	2	TEA		UTE	-0.17	UTE	UTE		2096	INLET	460HR
117	45	1.65	16	2	TEA		UTE	-0.27	UTE	UTE		2096	INLET	460HR
117	51	1.37	8	2	TEA		UTE	-0.20	UTE	UTE		2096	INLET	460HR
117	56	0.06	94	2	VOL		UTS	-21.95	UTS	UTS		4021	OUTLET	460SI
117	59	1.39	16	2	TEA		UTE	-0.19	UTE	UTE		2050	INLET	460HR
117	106	0.38	0	P 3	TWD	8	010	+0.74	010	010	WAR	4024	OUTLET	460SI
117	108	0.22	140	2	VOL		008	+0.33	008	008		4024	OUTLET	460SI
118	56	0.84	15	2	SAI		UTE	-1.09	UTE	UTE	TR	2050	INLET	460HR
		0.84	15	2	TWD	43	UTE	-1.09	UTE	UTE		2050	INLET	460HR
		0.94	15	2	PID		UTE	-1.09	UTE	UTE		2116	INLET	460HR
		0.67	0	P 3	TWD	9	004	-0.75	004	004	WAR	4021	OUTLET	460SI
118	86	0.37	0	P 3	TWD	7	004	-0.71	004	004	WAR	4024	OUTLET	460SI
118	99	0.52	94	1	VOL		015	-8.18	015	015		4024	OUTLET	460SI
118	102	0.12	80	2	VOL		014	+0.97	014	014		4024	OUTLET	460SI
		0.10	80	2	TWD	42	014	+0.97	014	014		4024	OUTLET	460SI
		0.13	56	2	SAI		UTS	-2.02	UTS	UTS		4024	OUTLET	460SI
		0.13	56	2	TWD	64	UTS	-2.02	UTS	UTS		4024	OUTLET	460SI
118	106	0.40	0	P 3	TWD	8	004	-0.80	004	004	WAR	4024	OUTLET	460SI
		0.38	44	2	VOL		014	+16.77	014	014		4024	OUTLET	460SI
119	9	1.29	15	2	TEA		UTE	-0.14	UTE	UTE		2096	INLET	460HR
119	16	0.72	17	2	TEA		UTE	-0.28	UTE	UTE		2095	INLET	460HR
119	45	1.38	44	2	TEA		UTE	-0.12	UTE	UTE		2096	INLET	460HR
119	53	2.28	6	2	TEA		UTE	-0.15	UTE	UTE		2096	INLET	460HR
119	88	0.13	0	P 3	TWD	3	014	+0.36	014	014	WAR	4024	OUTLET	460SI
119	90	0.12	37	2	VOL		004	-5.85	004	004		4024	OUTLET	460SI
119	98	0.16	47	2	VOL		002	-10.14	002	002		4024	OUTLET	460SI
119	106	0.75	0	P 3	TWD	14	008	-0.55	008	008	WAR	4024	OUTLET	460SI
120	78	0.30	106	2	VOL		013	+0.60	013	013		4021	OUTLET	460SI
120	105	0.78	0	P 3	TWD	15	008	-0.56	008	008	WAR	4024	OUTLET	460SI
		0.47	0	P 3	TWD	10	010	-0.16	010	010	WAR	4024	OUTLET	460SI
121	25	0.73	14	2	TEA		UTE	-0.21	UTE	UTE		2100	INLET	460HR
121	54	2.33	20	2	TEA		UTE	-0.16	UTE	UTE		2053	INLET	460HR
122	3	0.26	124	2	VOL		009	-0.78	008	009		4010	OUTLET	460SI
122	10	1.66	21	2	TEA		UTE	-0.18	UTE	UTE		2101	INLET	460HR
122	22	2.75	25	2	TEA		UTE	-0.19	UTE	UTE		2101	INLET	460HR
122	23	2.46	20	2	TEA		UTE	-0.20	UTE	UTE		2100	INLET	460HR
122	47	0.13	47	2	VOL		009	+5.96	009	009		4013	OUTLET	460SI
122	56	1.73	13	2	TEA		UTE	-0.15	UTE	UTE		2053	INLET	460HR
122	58	0.11	74	2	VOL		013	+8.90	013	013		4021	OUTLET	460SI
122	74	1.42	11	2	TEA		UTE	-0.21	UTE	UTE		2053	INLET	460HR
122	82	0.10	48	2	VOL		015	-11.72	015	015		4021	OUTLET	460SI
122	84	0.13	82	2	VOL		005	+8.67	005	005		4021	OUTLET	460SI
		0.13	82	2	TWD	0	005	+8.67	005	005		4021	OUTLET	460SI
		0.10	69	2	VOL		006	-18.50	006	006		4021	OUTLET	460SI
		0.10	69	2	TWD	41	006	-18.50	006	006		4021	OUTLET	460SI
		0.05	50	2	VOL		011	+29.66	012	011		4042	INLET	460SI
		0.05	50	2	TWD	56	011	+30.55	011	011		4042	INLET	460SI
		0.11	49	2	VOL		007	+10.72	010	007		4042	INLET	460SI
		0.11	49	2	TWD	78	007	+10.72	007	007		4042	INLET	460SI
122	103	0.58	0	P 3	TWD	12	008	-0.61	008	008	WAR	4024	OUTLET	460SI
122	104	0.62	0	P 3	TWD	13	010	+0.73	010	010	WAR	4024	OUTLET	460SI
123	57	0.15	61	2	VOL		012	-13.43	012	012		4021	OUTLET	460SI
123	71	8.44	167	1	DNT		002	+18.35	002	002		4021	OUTLET	460SI
123	92	1.66	21	2	TEA		UTE	-0.25	UTE	UTE		2054	INLET	460HR
123	98	0.23	0	P 3	TWD	5	009	-0.38	009	009	WAR	4024	OUTLET	460SI
123	100	0.09	109	2	VOL		014	+1.55	014	014		4024	OUTLET	460SI
		0.10	95	2	VOL		014	+0.90	014	014		4024	OUTLET	460SI
123	103	0.21	167	2	VOL		004	-0.73	004	004		4024	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
124	3	0.42	46	P 3	TWD	10	009	+0.54	009 009	WAR		4010	OUTLET	460SI
124	6	0.08	40	2	VOL		012	+10.43	012 012			4010	OUTLET	460SI
124	36	1.51	11	2	TEA		UTE	-0.19	UTE UTE			2100	INLET	460HR
124	42	2.39	17	2	TEA		UTE	-0.18	UTE UTE			2100	INLET	460HR
124	94	0.17	89	2	VOL		014	+1.56	014 014			4024	OUTLET	460SI
124	100	0.18	66	2	VOL		007	+16.42	007 007			4024	OUTLET	460SI
125	6	0.91	8	2	TEA		UTE	-0.16	UTE UTE			2100	INLET	460HR
125	7	0.33	133	P 3	TWD	8	009	-0.67	009 009	WAR		4010	OUTLET	460SI
125	28	0.35	20	2	SAI		UTE	-3.44	UTE UTS			2100	INLET	460HR
		0.35	20	2	TWD	61	UTE	-3.44	UTE UTS			2100	INLET	460HR
		0.51	14	2	PID		UTE	-3.44	UTE UTS			2125	INLET	460HR
		0.12	120	2	VOL		001	-27.41	TO-26.79 001 001			4013	OUTLET	460SI
		0.11	140	2	TWD	0	001	-27.41	TO-26.79 001 001			4013	OUTLET	460SI
125	40	2.35	15	2	TEA		UTE	-0.17	UTE UTE			2100	INLET	460HR
125	52	1.02	0	P 3	TWD	13	004	-0.76	004 004	WAR		4021	OUTLET	460SI
125	54	0.32	78	2	VOL		015	+12.60	015 015			4021	OUTLET	460SI
125	60	0.11	77	2	VOL		008	-10.10	008 008			4021	OUTLET	460SI
125	90	0.21	48	2	VOL		010	-10.51	010 010			4024	OUTLET	460SI
125	100	0.31	101	2	VOL		011	-17.54	011 011			4024	OUTLET	460SI
		0.18	110	2	VOL		011	-19.34	011 011			4024	OUTLET	460SI
		0.31	101	2	TWD	27	011	-17.54	011 011			4024	OUTLET	460SI
		0.18	110	2	TWD	21	011	-19.34	011 011			4024	OUTLET	460SI
126	7	0.34	149	P 3	TWD	8	009	+0.64	009 009	WAR		4010	OUTLET	460SI
126	9	0.87	22	2	TEA		UTE	-0.22	UTE UTE			2104	INLET	460HR
126	28	0.26	84	2	VOL		004	-0.80	004 004			4013	OUTLET	460SI
126	56	0.12	96	2	VOL		013	+12.18	013 013			4021	OUTLET	460SI
126	69	2.07	25	2	TEA		UTE	-0.22	UTE UTE			2053	INLET	460HR
126	70	1.78	23	2	TEA		UTE	-0.27	UTE UTE			2054	INLET	460HR
126	84	0.07	71	2	VOL		003	-7.99	003 003			4021	OUTLET	460SI
126	97	0.14	88	2	VOL		005	+1.14	005 005			4024	OUTLET	460SI
127	1	0.10	125	2	VOL		015	-3.36	015 015			4010	OUTLET	460SI
127	6	0.14	115	2	VOL		015	+0.14	015 015			4010	OUTLET	460SI
127	26	1.54	11	2	TEA		UTE	-0.23	UTE UTE			2104	INLET	460HR
127	38	2.97	17	2	TEA		UTE	-0.15	UTE UTE			2105	INLET	460HR
127	47	0.12	54	2	VOL		014	+2.02	014 014			4013	OUTLET	460SI
127	55	0.16	35	2	VOL		014	-15.34	014 014			4021	OUTLET	460SI
127	72	0.09	56	2	VOL		010	-8.42	010 010			4021	OUTLET	460SI
127	84	2.56	23	2	TEA		UTE	-0.25	UTE UTE			2054	INLET	460HR
128	2	0.67	19	2	SAI		UTE	-1.21	UTE UTE	TR		2104	INLET	460HR
		0.67	19	2	TWD	55	UTE	-1.21	UTE UTE			2104	INLET	460HR
		0.72	15	2	PID		UTE	-1.21	UTE UTE			2125	INLET	460HR
128	5	1.14	14	2	TEA		UTE	-0.18	UTE UTE			2105	INLET	460HR
128	11	0.10	54	2	VOL		LTS	+6.48	LTS LTS			4013	OUTLET	460SI
128	16	0.11	88	2	VOL		014	+1.04	014 014			4013	OUTLET	460SI
128	37	1.37	22	2	MAI		UTE	-3.38	UTE UTS			2104	INLET	460HR
		1.37	22	2	TWD	66	UTE	-3.38	UTE UTS			2104	INLET	460HR
		1.17	31	2	PID		UTE	-3.38	UTE UTS			2125	INLET	460HR
128	52	0.74	80	2	VOL		003	+12.55	003 003			4021	OUTLET	460SI
129	2	0.57	82	P 3	TWD	10	010	+0.67	010 010	WAR		4008	OUTLET	460SI
129	4	0.20	97	2	VOL		004	-0.74	004 004			4010	OUTLET	460SI
129	18	0.85	8	2	VOL		011	+13.36	011 011			4013	OUTLET	460SI
129	38	1.08	28	2	MAI		UTE	-3.58	UTE UTS	TR		2105	INLET	460HR
		1.08	28	2	TWD	91	UTE	-3.58	UTE UTS			2105	INLET	460HR
		1.16	19	2	TWD	56	UTE	-3.58	UTE UTS			2105	INLET	460HR
		1.08	24	2	PID		UTE	-3.58	UTE UTS			2125	INLET	460HR
129	40	1.52	16	2	TEA		UTE	-0.16	UTE UTE			2105	INLET	460HR
129	49	0.51	0	P 3	TWD	7	004	-0.67	004 004	WAR		4021	OUTLET	460SI
129	75	0.59	88	2	VOL		001	+0.75	001 001			4021	OUTLET	460SI
129	94	0.36	0	P 3	TWD	8	010	-0.62	010 010	WAR		4024	OUTLET	460SI
130	5	0.35	36	P 3	TWD	8	010	+0.56	010 010	WAR		4010	OUTLET	460SI
		0.06	88	2	VOL		UTS	-15.21	UTS UTS			4010	OUTLET	460SI
130	9	0.09	138	P 3	TWD	2	004	-0.76	004 004	WAR		4013	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
====	=====	=====	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		0.32	134	P 3	TWD	7	010	+0.71	010	010	WAR	4010	OUTLET	460SI
131	11	1.55	23	2	TEA	UTE	-0.13	UTE	UTE			2104	INLET	460HR
131	36	0.55	28	2	TEA	UTE	-0.26	UTE	UTE			2104	INLET	460HR
131	63	0.67	0	P 3	TWD	9	002	-0.38	002	002	WAR	4021	OUTLET	460SI
132	3	0.79	44	1	DNT	LTS	+34.14	LTS	LTS			4010	OUTLET	460SI
132	6	0.26	130	2	VOL	010	-0.66	010	010			4010	OUTLET	460SI
132	10	0.60	26	2	SAI	UTE	-1.15	UTE	UTE	TR		2105	INLET	460HR
		0.60	26	2	TWD	83	UTE	-1.15	UTE	UTE		2105	INLET	460HR
		0.62	26	2	PID	UTE	-1.15	UTE	UTE			2125	INLET	460HR
132	13	1.03	14	2	TEA	UTE	-0.20	UTE	UTE			2104	INLET	460HR
132	20	1.22	9	2	TEA	UTE	-0.24	UTE	UTE			2104	INLET	460HR
132	33	0.48	21	2	SAI	UTE	-3.23	UTE	UTS	TR		2105	INLET	460HR
		0.48	21	2	TWD	63	UTE	-3.23	UTE	UTS		2105	INLET	460HR
		0.58	23	2	PID	UTE	-3.23	UTE	UTS			2125	INLET	460HR
132	44	1.67	15	2	TEA	UTE	-0.16	UTE	UTE			2061	INLET	460HR
132	49	0.18	107	2	VOL	015	+3.16	015	015			4021	OUTLET	460SI
		0.12	123	2	VOL	015	+5.11	015	015			4021	OUTLET	460SI
132	85	0.75	0	P 3	TWD	15	011	+0.37	011	011	WAR	4024	OUTLET	460SI
133	3	7.85	358	1	DNT	010	+0.43	010	010			4010	OUTLET	460SI
133	5	0.25	151	P 3	TWD	5	010	+0.70	010	010	WAR	4010	OUTLET	460SI
		0.23	122	P 3	TWD	5	010	-0.70	010	010	WAR	4010	OUTLET	460SI
133	9	0.44	106	P 3	TWD	10	009	+0.67	009	009	WAR	4013	OUTLET	460SI
133	40	1.37	10	2	TEA	UTE	-0.18	UTE	UTE			2105	INLET	460HR
133	45	1.65	21	2	TEA	UTE	-0.19	UTE	UTE			2061	INLET	460HR
133	86	0.09	24	P 3	TWD	2	010	+0.55	010	010	WAR	4024	OUTLET	460SI
134	2	8.07	359	1	DNT	LTS	+4.89	LTS	LTS			4010	OUTLET	460SI
		0.22	120	2	VOL	004	-0.64	003	004			4010	OUTLET	460SI
134	3	10.56	177	1	DNT	010	+0.09	010	010			4010	OUTLET	460SI
134	5	8.18	359	1	DNT	010	+0.29	010	010			4010	OUTLET	460SI
134	62	1.83	22	2	TEA	UTE	-0.20	UTE	UTE			2061	INLET	460HR
134	76	0.08	39	2	VOL	015	-9.06	015	015			4021	OUTLET	460SI
135	5	0.27	16	P 3	TWD	6	010	+0.66	010	010	WAR	4010	OUTLET	460SI
135	8	1.98	16	2	TEA	UTE	-0.19	UTE	UTE			2109	INLET	460HR
135	14	1.20	16	2	TEA	UTE	-0.16	UTE	UTE			2109	INLET	460HR
135	33	0.12	74	2	VOL	012	-1.44	012	012			4013	OUTLET	460SI
135	36	0.13	147	P 3	TWD	3	004	-0.73	004	004	WAR	4013	OUTLET	460SI
135	80	0.23	64	2	SAI	014	+15.98	014	014			4021	OUTLET	460SI
		0.23	64	2	TWD	71	014	+15.98	014	014		4021	OUTLET	460SI
135	82	0.69	29	2	PID	UTE	-3.47	UTE	UTS			2116	INLET	460HR
		0.66	26	2	MAI	UTE	-3.47	UTE	UTS			2062	INLET	460HR
		0.66	26	2	TWD	84	UTE	-3.47	UTE	UTS		2062	INLET	460HR
		0.50	18	2	TWD	54	UTE	-3.47	UTE	UTS		2062	INLET	460HR
		0.39	23	2	TWD	72	UTE	-3.47	UTE	UTS		2062	INLET	460HR
		0.27	26	2	TWD	84	UTE	-3.47	UTE	UTS		2062	INLET	460HR
136	5	0.44	27	2	VOL	014	+0.98	014	014			4010	OUTLET	460SI
		0.44	27	2	TWD	89	014	+0.98	014	014		4010	OUTLET	460SI
136	29	1.59	27	2	TEA	UTE	-0.15	UTE	UTE			2109	INLET	460HR
136	33	5.64	180	1	DNT	UTS	-19.82	UTS	UTS			4013	OUTLET	460SI
136	37	0.13	54	2	VOL	002	+18.64	002	002			4013	OUTLET	460SI
136	70	0.31	86	2	VOL	003	+0.72	003	003			4021	OUTLET	460SI
137	1	0.14	99	2	VOL	010	+5.84	010	010			4010	OUTLET	460SI
		0.18	54	2	VOL	012	-13.60	012	012			4010	OUTLET	460SI
137	7	1.39	14	2	TEA	UTE	-0.31	UTE	UTE			2108	INLET	460HR
		0.20	49	2	VOL	015	-12.78	015	015			4010	OUTLET	460SI
137	13	1.48	11	2	TEA	UTE	-0.28	UTE	UTE			2108	INLET	460HR
137	15	1.98	19	2	TEA	UTE	-0.31	UTE	UTE			2108	INLET	460HR
137	17	2.02	14	2	TEA	UTE	-0.29	UTE	UTE			2108	INLET	460HR
137	58	0.81	11	2	TEA	UTE	-0.15	UTE	UTE			2065	INLET	460HR
138	9	1.45	14	2	TEA	UTE	-0.24	UTE	UTE			2108	INLET	460HR
138	14	1.55	17	2	TEA	UTE	-0.15	UTE	UTE			2109	INLET	460HR
138	15	1.61	11	2	TEA	UTE	-0.16	UTE	UTE			2108	INLET	460HR
138	17	0.30	94	2	VOL	UTE	-11.98	UTE	UTE			4013	OUTLET	460SI
138	21	0.13	52	2	VOL	001	-5.60	001	001			4013	OUTLET	460SI
138	31	0.63	16	2	TEA	UTE	-0.22	UTE	UTE			2108	INLET	460HR
138	41	1.66	13	2	TEA	UTE	-0.14	UTE	UTE			2065	INLET	460HR
138	56	1.08	18	2	TEA	UTE	-0.21	UTE	UTE			2065	INLET	460HR
138	70	0.12	49	2	VOL	014	+4.72	014	014			4021	OUTLET	460SI
		0.09	45	2	VOL	014	+5.44	014	014			4021	OUTLET	460SI
139	2	0.74	11	2	TEA	UTE	-0.14	UTE	UTE			2109	INLET	460HR
		6.87	13	1	DNT	010	+0.11	010	010			4010	OUTLET	460SI
139	4	0.97	12	2	TEA	UTE	-0.19	UTE	UTE			2108	INLET	460HR
139	5	0.80	14	2	TEA	UTE	-0.13	UTE	UTE			2109	INLET	460HR
139	12	0.27	9	2	TEA	UTE	-0.45	UTE	UTE			2108	INLET	460HR
139	29	0.17	113	2	VOL	009	+7.54	009	009			4013	OUTLET	460SI
139	35	1.20	19	2	TEA	UTE	-0.01	UTE	UTE			2108	INLET	460HR

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
140	9	1.39	16	2	TEA	UTE	-0.18	UTE	UTE			2108	INLET	460HR
140	14	1.92	16	2	TEA	UTE	-0.15	UTE	UTE			2109	INLET	460HR
140	27	2.82	18	2	TEA	UTE	-0.12	UTE	UTE			2109	INLET	460HR
		0.16	49	2	VOL	010	-1.24	010	010			4013	OUTLET	460SI
		0.23	83	2	VOL	014	-2.90	014	014			4013	OUTLET	460SI
140	38	1.22	19	2	TEA	UTE	-0.10	UTE	UTE			2066	INLET	460HR
140	51	0.20	87	2	VOL	015	+9.92	015	015			4021	OUTLET	460SI
		0.25	89	2	VOL	015	+10.82	015	015			4021	OUTLET	460SI
141	9	1.67	20	2	TEA	UTE	-0.34	UTE	UTE			2108	INLET	460HR
141	13	2.40	17	2	TEA	UTE	-0.39	UTE	UTE			2108	INLET	460HR
141	17	0.11	55	2	VOL	015	-3.68	015	015			4013	OUTLET	460SI
141	24	1.52	17	2	TEA	UTE	-0.15	UTE	UTE			2109	INLET	460HR
141	27	0.09	51	2	VOL	013	-7.18	013	013			4013	OUTLET	460SI
141	40	2.28	19	2	TEA	UTE	-0.13	UTE	UTE			2066	INLET	460HR
141	66	0.99	27	2	TEA	UTE	-0.09	UTE	UTE			2061	INLET	460HR
142	5	0.19	101	P 3	TWD	4	009	009	009	WAR		4010	OUTLET	460SI
142	8	0.23	25	P 3	TWD	6	009	009	009	WAR		4013	OUTLET	460SI
142	13	1.18	9	2	TEA	UTE	-0.13	UTE	UTE			2109	INLET	460HR
142	24	1.37	13	2	TEA	UTE	-0.14	UTE	UTE			2109	INLET	460HR
142	27	0.40	84	2	VOL	006	-11.68	006	006			4013	OUTLET	460SI
142	44	0.68	25	2	TEA	UTE	-0.24	UTE	UTE			2065	INLET	460HR
142	52	3.17	21	2	TEA	UTE	-0.33	UTE	UTE			2065	INLET	460HR
142	62	0.11	42	2	VOL	015	+8.45	015	015			4021	OUTLET	460SI
142	63	0.23	80	2	VOL	005	+16.50	005	005			4021	OUTLET	460SI
		0.10	74	2	VOL	010	-8.73	010	010			4021	OUTLET	460SI
		0.14	49	2	VOL	010	-10.41	010	010			4021	OUTLET	460SI
143	3	0.13	38	2	VOL	011	+18.82	011	011			4010	OUTLET	460SI
143	6	2.55	19	2	TEA	UTE	-0.19	UTE	UTE			2108	INLET	460HR
		0.17	95	2	VOL	004	-18.35	004	004			4010	OUTLET	460SI
143	13	0.25	46	P 3	TWD	6	006	006	006	WAR		4013	OUTLET	460SI
143	25	0.34	87	P 3	TWD	8	009	009	009	WAR		4013	OUTLET	460SI
143	33	0.15	63	2	VOL	003	-2.78	003	003			4017	OUTLET	460SI
143	52	0.20	98	2	VOL	UTE	-7.95	UTE	UTE			4021	OUTLET	460SI
144	14	0.26	83	P 3	TWD	7	009	009	009	WAR		4013	OUTLET	460SI
144	16	0.10	53	2	VOL	011	-11.31	011	011			4013	OUTLET	460SI
144	40	0.86	0	P 3	TWD	11	009	009	009	WAR		4017	OUTLET	460SI
144	50	1.10	22	2	TEA	UTE	-0.23	UTE	UTE			2065	INLET	460HR
144	52	0.20	64	2	VOL	009	-0.09	009	009			4021	OUTLET	460SI
145	19	1.60	26	2	SAI	UTE	-2.71	UTE	UTS	TR		2112	INLET	460HR
		1.60	26	2	TWD	82	UTE	UTE	UTS			2112	INLET	460HR
		1.54	27	2	PID	UTE	-2.71	UTE	UTS			2125	INLET	460HR
145	31	1.14	21	2	TEA	UTE	-0.08	UTE	UTE			2066	INLET	460HR
145	37	0.68	0	P 3	TWD	9	009	009	009	WAR		4017	OUTLET	460SI
145	41	0.61	0	P 3	TWD	8	009	009	009	WAR		4017	OUTLET	460SI
145	42	0.50	0	P 3	TWD	7	009	009	009	WAR		4017	OUTLET	460SI
145	43	0.12	151	P 3	TWD	3	010	010	010	WAR		4017	OUTLET	460SI
145	44	0.16	45	P 3	TWD	4	009	009	009	WAR		4017	OUTLET	460SI
145	46	0.15	54	P 3	TWD	4	009	009	009	WAR		4017	OUTLET	460SI
145	48	0.23	51	P 3	TWD	6	009	009	009	WAR		4017	OUTLET	460SI
145	49	0.89	0	P 3	TWD	11	010	010	010	WAR		4017	OUTLET	460SI
145	51	0.66	84	P 3	TWD	9	010	010	010	WAR		4017	OUTLET	460SI
146	10	0.26	29	P 3	TWD	6	008	008	008	WAR		4013	OUTLET	460SI
146	11	0.17	72	2	VOL	014	+1.38	014	014			4013	OUTLET	460SI
146	16	2.13	24	2	TEA	UTE	-0.18	UTE	UTE			2112	INLET	460HR
146	18	1.48	23	2	TEA	UTE	-0.21	UTE	UTE			2112	INLET	460HR
146	40	0.13	11	P 3	TWD	3	010	010	010	WAR		4017	OUTLET	460SI
146	42	0.22	70	P 3	TWD	5	010	010	010	WAR		4017	OUTLET	460SI
146	44	0.28	58	P 3	TWD	7	010	010	010	WAR		4017	OUTLET	460SI
146	48	0.31	162	P 3	TWD	8	010	010	010	WAR		4017	OUTLET	460SI
147	2	1.32	20	2	TEA	UTE	-0.16	UTE	UTE			2113	INLET	460HR
147	15	0.72	22	2	SAI	UTE	-5.05	UTE	UTS	TR		2112	INLET	460HR
		0.72	22	2	TWD	67	UTE	UTE	UTS			2112	INLET	460HR
		0.78	30	2	PID	UTE	-5.05	UTE	UTS			2125	INLET	460HR
147	43	0.14	83	2	VOL	014	+1.03	014	014			4017	OUTLET	460SI
148	23	0.08	58	2	VOL	012	-7.38	012	012			4017	OUTLET	460SI
148	25	0.83	20	2	SAI	UTE	-3.16	UTE	UTS	CS		2116	INLET	460HR
		0.85	20	2	TWD	63	UTE	UTE	UTS			2116	INLET	460HR
		0.75	18	2	PID	UTE	-3.16	UTE	UTS			2125	INLET	460HR
		0.07	78	2	VOL	013	+5.49	013	013			4017	OUTLET	460SI
		0.07	78	2	TWD	29	013	013	013			4017	OUTLET	460SI
148	28	0.11	7	P 3	TWD	3	004	004	004	WAR		4017	OUTLET	460SI
148	35	0.17	49	2	VOL	010	+12.52	010	010			4017	OUTLET	460SI
		0.10	57	2	VOL	010	+14.60	010	010			4017	OUTLET	460SI
148	37	0.13	94	2	VOL	015	+0.32	015	015			4017	OUTLET	460SI
149	1	0.22	95	2	VOL	015	+15.09	015	015			4010	OUTLET	460SI

ATTACHMENT #4 - LIST OF IMPERFECTIONS - MRPC/PLUS POINT

QUERY: QueryM1

ROW	TUBE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE
149	9	0.90	25	2	SAI		UTE	-3.42	UTE	UTS	TR	2112	INLET	460HR
		0.90	25	2	TWD	78	UTE	-3.42	UTE	UTS		2112	INLET	460HR
		0.83	23	2	PID		UTE	-3.42	UTE	UTS		2125	INLET	460HR
149	16	0.14	41	2	VOL		010	+1.23	010	010		4013	OUTLET	460SI
149	17	5.72	183	1	DNT		LTS	-13.31	LTS	LTS		4013	OUTLET	460SI
149	29	0.11	103	2	VOL		015	+0.50	015	015		4017	OUTLET	460SI
149	30	0.36	49	P 3	TWD	9	010	-0.66	010	010	WAR	4017	OUTLET	460SI
		0.44	0	P 3	TWD	6	010	+0.52	010	010	WAR	4017	OUTLET	460SI
		0.44	0	P 3	TWD	6	011	+0.59	011	011	WAR	4017	OUTLET	460SI
150	5	0.90	13	2	TEA		UTE	-0.14	UTE	UTE		2113	INLET	460HR
150	17	0.41	87	P 3	TWD	10	010	+0.65	010	010	WAR	4017	OUTLET	460SI
		0.16	81	2	VOL		014	+5.79	014	014		4017	OUTLET	460SI
151	3	0.25	153	P 3	TWD	6	013	-0.66	012	013	WAR	4010	OUTLET	460SI
151	8	9.21	2	1	DNT		LTS	-13.29	LTS	LTS		4010	OUTLET	460SI
151	9	7.66	357	1	DNT		UTS	+12.98	UTS	UTS		4017	OUTLET	460SI
		8.12	5	1	DNT		LTE	+10.25	LTE	LTE		4042	INLET	460SI
151	16	0.38	102	2	VOL		015	-1.22	015	015		4017	OUTLET	460SI

Total Tubes : 1009
Total Records: 1442

ATTACHMENT #5 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
32	1
79	1
124	1
30	1
80	2
98	2
113	2
57	3
58	3
44	4
63	4
122	4
79	4
114	6
33	7
73	8
5	9
14	11
56	11
90	13
99	13
3	14
6	14
7	16
81	16
84	17
91	17
118	20
146	20
147	21
135	22
74	23
72	24
133	26
135	26
80	27

ATTACHMENT #5 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
81	27
137	27
134	29
144	31
4	37
28	37
89	37
134	37
146	37
4	38
44	38
134	38
4	39
6	39
131	39
6	41
128	42
45	44
79	45
124	45
143	47
6	49
18	49
109	50
31	56
17	57
110	58
111	58
120	58
45	59
106	59
99	60
104	61
107	61
143	61
79	62
114	62

ATTACHMENT #5 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
47	63
14	66
73	66
80	66
46	68
67	68
137	70
72	72
77	72
17	73
17	74
38	74
14	75
17	75
18	75
138	75
17	76
18	76
49	76
17	77
19	77
137	77
17	78
69	78
137	78
135	79
19	80
91	80
136	80
79	82
91	82
132	82
25	83
92	83
131	83
133	83
82	83

ATTACHMENT #5 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
85	84
57	85
80	85
131	85
133	85
131	86
131	87
93	88
34	89
92	89
96	89
117	89
129	89
94	90
131	90
78	91
108	91
96	92
129	92
129	94
79	95
71	96
92	96
83	98
55	102
123	102
58	103
81	103
114	103
116	104
110	105
35	108
68	110
107	111
108	111
108	112
53	113

ATTACHMENT #5 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
93	113
77	115
42	116
42	117
43	117
68	117
69	118
84	118
77	119
107	120
78	120
78	121
79	123
82	123
103	123
65	126
81	131
83	132

ATTACHMENT #6 - TUBES PLUGGED TO CAPTURE NON-STABILIZED
PLUGGED TUBE LOCATIONS

<u>ROW</u>	<u>TUBE</u>
29	2
30	2
31	2
29	3
32	3
117	3
31	4
33	4
116	4
117	4
118	4
115	5
118	5
88	6
111	12
110	13
112	13
113	13
113	14
142	57
143	57
143	58
142	60
141	61
53	81
54	81
55	81
53	82
55	82
54	83
122	102
122	103
120	104
122	104
120	105
93	110
94	113
92	114
94	114
74	119
75	119

ATTACHMENT #6 - TUBES PLUGGED TO CAPTURE NON-STABILIZED
PLUGGED TUBE LOCATIONS

<u>ROW</u>	<u>TUBE</u>
106	119
105	121
73	122
72	123
61	124
73	124
74	125
79	125
82	125
85	125
61	126
79	126
84	127
60	128
63	128
81	128
82	128
83	128
60	129
73	129
83	129

ATTACHMENT #7 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
61	1
44	1
3	3
44	3
73	3
87	3
91	3
79	4
136	5
4	6
149	9
98	12
73	14
3	15
147	15
24	18
81	18
11	19
145	19
2	20
148	25
42	26
125	28
75	29
52	29
74	30
132	33
38	34
128	37
129	38
130	38
33	39
5	42
96	44
31	52
15	52
34	57
10	63
10	65
109	65
16	66

ATTACHMENT #7 - TUBES PLUGGED FOR EDDY CURRENT INDICATIONS

<u>ROW</u>	<u>TUBE</u>
89	71
15	76
35	77
135	80
135	82
46	83
122	84
26	85
71	85
21	88
34	88
116	94
76	98
107	98
113	98
113	99
125	100
99	101
91	102
118	102
89	105
67	107
116	108
91	110
75	111
75	112
49	114
84	114
108	115
90	116
70	123
54	124
61	126
63	128
82	128
83	128
84	129
85	129
84	130
83	131

ATTACHMENT #8 - TUBES PLUGGED TO CAPTURE NON-STABILIZED
PLUGGED TUBE LOCATIONS

<u>ROW</u>	<u>TUBE</u>
8	1
8	2
4	3
10	4
63	4
9	5
5	6
10	6
11	6
5	7
151	7
35	8
151	8
35	9
36	9
151	9
37	10
99	10
100	10
101	10
98	11
101	11
150	16
80	62
81	62
82	62
80	63
82	63
50	95
49	96
49	97
52	98
53	98
122	100
122	101
119	103
120	103
61	115
61	116
62	120
64	120

ATTACHMENT #8 - TUBES PLUGGED TO CAPTURE NON-STABILIZED
PLUGGED TUBE LOCATIONS

<u>ROW</u>	<u>TUBE</u>
59	122
52	124
56	124
53	125
56	125
56	126
57	127

ATTACHMENT #9 - TUBES REPAIRED BY REROLLING IN THE HOTLEG

<u>ROW</u>	<u>TUBE</u>
116	2
113	7
122	12
83	15
84	16
113	23
4	38
142	48
62	54
139	60
18	73
117	102

ATTACHMENT #10 - TUBES REPAIRED BY REROLLING IN THE HOTLEG

<u>ROW</u>	<u>TUBE</u>
128	2
49	3
10	6
132	10
2	22
118	56
111	76
92	78
95	89
56	90
103	100
66	108
87	129
86	131

Attachment B

Unit 3 End of Cycle 19
Steam Generator Inservice Inspection
Steam Generator Three-Month Report

INSPECTION ASSESSMENT

The following summarizes the Once-Through Steam Generator (OTSG) Eddy Current Testing (ECT) inspection scope during the Oconee Unit 3 EOC 19 Refueling Outage:

Bobbin Coil (0.510 dia. MF)	100% A-OTSG 100% B-OTSG
Lane and Wedge: (0.460 dia. Plus-point)	Two Rows Around Sleeved Tubes A and B OTSG
MRPC Upper Tubesheet Roll (0.460 dia. Plus-point)	100% A-OTSG 100% B-OTSG
MRPC Re-rolls Upper Tubesheet (0.460 dia. Plus-point)	100% A-OTSG 100% B-OTSG
MRPC Lower Tubesheet Roll (0.460 dia. Plus-point)	100% Original Re-expansion
Bobbin Sleeve Exam (0.410 dia.)	100% Sleeves A-OTSG 100% Sleeves B-OTSG
Sleeve Upper and Lower Rolls (0.400 dia Plus-point)	100% Sleeve Rolls A-OTSG 100% Sleeve Rolls B-OTSG
Kidney Region (Sludge Pile) (0.460 dia. Plus-point)	100% A-OTSG 100% B-OTSG The inspection covers at least 10 inches into the tubesheet
RPC Special Interest (0.460 dia. Plus-point)	
1)	100% Bobbin indications regardless of location
2)	100% Dents

The primary to secondary leak rate was less than 2.0 gpd at shutdown.

Disposition of the above inspection data identified 246 tubes (165 in the A-OTSG and 81 in the B-OTSG) that required removal from service. Active damage mechanisms identified during this inspection include Intergranular Stress Corrosion Cracking (IGSCC), Intergranular Attack (IGA), impingement, wear, and upper tubesheet roll

Attachment B

Primary Water SCC (PWSCC). Tubes were removed from service by installing alloy-690 rolled plugs.

In-situ testing was performed to confirm structural and leakage integrity at the end of the current operating cycle. The tubes were selected consistent with EPRI guidelines. The indications were sized and compared to the condition monitoring structural limit that considers the uncertainties associated with material properties, non-destructive examination (NDE), and the burst correlation. All tubes that exceed the limit were in-situ pressure tested. The screening includes voltage, depth, length, circumferential extent measurements as well as review of the indication eddy current signal, past tube pull results, and past experience with in-situ testing at the Oconee units. As a result of this screening, 13 indications were in-situ pressure tested and no leakage was observed. Hence, structural and leakage integrity was demonstrated.

The observed degradation was analyzed consistent with NEI 97-06 and EPRI guidelines to justify full cycle operation. All inputs were considered at 95th percentile bounding values. The projected deterministic worst-case end of cycle structural and leakage integrity margins satisfy the criteria in NEI 97-06 and full cycle operation is warranted.

IGSCC

The limiting degradation of concern is axial IGSCC in the freespan. A total of 132 tubes were removed from service due to axially oriented freespan IGSCC. Based on previous tube pull examination, these indications are associated with grooves on the OD surface of the tubes. These indications are removed from service on detection.

All of these tubes provided adequate margin against rupture. This determination is based on previous tube pull data, structural calculations, and in-situ pressure tests.

Extensive growth rate studies have been performed for past inspections at Oconee with similar results. The analysis of the Oconee Unit 3 EOC 19 data is bounded by the Oconee Unit 1 data. The Oconee Unit 1 EOC 18 analysis indicates a best estimate upper 95th percentile growth rate of 15.6% Through Wall (TW) per EFPY. Assuming a flaw is 40% TW at the Beginning of Cycle (BOC), a growth rate of 15.6% TW per EFPY for the next cycle, and at the 95th percentile flaw length of 1.0 inches, full cycle operation is justified. The predicted burst pressure of the assumed flaw at the end of the next cycle is above three times normal operating differential pressure considering uncertainties in the material properties and the burst pressure relationship.

Wear

No tubes were removed from service due to wear. Wear is removed from service based on sizing with a rotating coil. The plugging limit is $\geq 40\%$ TW. Using the analysis described above and including sizing uncertainties, the predicted burst pressure of the assumed flaw at the end of the next cycle is above three times normal operating differential pressure (assuming 61% TW, 1.5 inches long, and less than 135° circumferential extent).

Attachment B

IGA

A total of 22 tubes were removed from service due to IGA. These indications are volumetric in nature with limited circumferential extent. The Plus-point probe was used in the sludge pile region of the lower tubesheet to provide enhanced detection versus the bobbin probe. The circumferential extent of IGA is typically below 70 degrees. IGA is removed from service based on detection by Plus-point.

Based on the structural limit and the limited circumferential extent of IGA, all of these tubes provided adequate margin against rupture. The conclusion is supported by tube pull data, analysis, and in-situ pressure testing with no observed leakage. The growth rate of volumetric IGA is extremely low. Assuming an initial flaw size of 25% TW, full cycle operation is justified based on the wear analysis described above is bounding.

Impingement

A total of 42 tubes were removed from service due to impingement. Impingement indications are volumetric in nature with limited axial and circumferential extent similar to IGA. Based on the broached opening width, the maximum possible circumferential extent is estimated to be 98 degrees. The structural limits are equivalent to IGA or wear.

These tubes provided adequate margin against rupture. This determination is based on previous tube pull data, analysis, in-situ test data, and eddy current sizing abilities. Typically, the maximum observed depth is 60% TW. The average growth rate of impingement is approximately 10% TW per cycle. Previous pulled tube specimens at 60% TW burst at greater than 9000 psi, which is typical for impingement defects. Analysis of impingement is bounded by IGA and wear. Therefore, full cycle operation is justified.

Impingement is removed from service based on bobbin sizing ($\geq 40\%$ TW). Additionally, impingement defects $\leq 40\%$ TW are removed from service preventatively based on previous data and defect location.

Sleeve Indications

No tubes were removed from service due to an axial indication in the sleeve roll. The sleeves contain three rolls. Roll one is at the upper tubesheet primary face and rolls two and three are in the freespan on the opposite end of the sleeve below the 15th TSP.

Tubes with degradation in the sleeves are removed from service.

Dents

A total of 6 tubes with indications in dents were removed from service due to short axial or volumetric indications. All of these tubes provided adequate margin against rupture. The indications were axial or volumetric in nature and bounded by the IGSCC analysis.

Attachment B

This conclusion is supported by analysis and in-situ pressure testing with no observed leakage. Therefore, full cycle operation is justified.

Indications in dents are removed from service based on detection with a Plus-point probe.

Miscellaneous

A total of 18 tubes were preventatively removed from service due to miscellaneous reasons. These are typically obstructed tubes, permeability, volumetric indications near the lane and wedge region, or other ambiguous eddy current indications that may mask degradation.

Upper Roll PWSCC

A total of 52 tubes were identified with indications of PWSCC in the upper tubesheet roll area. Twenty-six tubes were repaired by installing a new roll in the upper tubesheet. Two of these tubes were then removed from service with alloy-690 rolled plugs. Twenty-six tubes were removed from service due to indications in previously installed rerolls. Tubes are repaired based on Plus-point detection.

All of these indications are captured in the tubesheet. The indications will not burst due to tubesheet constraint and do not present a structural concern. Laboratory helium leak tests did not identify leakage in tubes pulled in the past from Oconee Unit 1 and Oconee Unit 3. During a previous Oconee Unit 1 outage, in-situ pressure testing was performed on twelve tubes representing the deepest degradation: No tube leakage was identified.

LBLOCA Evaluation

The as-found condition of the steam generators was evaluated to determine the best estimate primary to secondary leakage following a LBLOCA as described in Appendix A to BAW-2374¹. For the purpose of this evaluation, volumetric indications were conservatively analyzed as circumferential indications with the maximum depth applied to the full circumferential extent of the indication. Circumferential indications were also considered in this analysis. The best estimate primary to secondary leakage is 1.3 gpm. This estimated leakage would maintain offsite dose well below the limits of 10 CFR 100.

Swollen Plugged Tube Inspection

As a result of issues raised by the occurrence of a plugged tube becoming severed at another nuclear plant, inspections were performed to detect the possibility of occurrence at Oconee. This event consisted of finding wear scars in four steam generator tubes adjacent to the severed plugged tube. The wear scars were caused by a plugged tube that had become severed at the bottom of the upper tubesheet (UTS) and vibrated

¹ Framatome Technologies Inc. Topical Report, BAW-2374, "Justification for Not Including Postulated Breaks in Large-Bore Reactor Coolant Piping in the Licensing Basis for Existing and Replacement Once-Through Steam Generators," July 2000.

Attachment B

against the neighboring tubes downstream of the direction of the flow of steam from the tube bundle. The root cause of the severing of the plugged tube was identified by the utility as consisting of initial swelling of the SG tube due to internal pressure, resulting in significant axial stresses and a reduction in structural damping in the presence of a flow field sufficient to cause flow induced vibration (FIV) fatigue of the tube at the bottom of the UTS location. The essential features of the failure are swelling of the tube due to a flow diode effect and the severity of the flow field. In other words, the event would not have happened if swelling of the tube had not taken place.

The inspection at Oconee did not indicate any wear on the tubes adjacent to plugged tubes or any tube severance. A total of 22 plugged tubes inspected contained water and no tubes were swollen. This condition did not exist during the recent inspection and is not expected to occur during the next operating cycle.

Attachment C

Unit 3 End of Cycle 19
Steam Generator Inservice Inspection
Steam Generator Three-Month ASME XI Report

Steam Generator Outage Summary Report

Oconee Unit 3 2001 EOC 19 Refueling Outage

Location: 7800 Rochester Highway, Seneca, South Carolina 29672

NRC Docket No. 50-287

National Board No. N/A

Commercial Service Date: December 16, 1974

Owner: Duke Energy Corporation
526 South Church St.
Charlotte, N.C. 28201-1006

Revision 0

Prepared By: James H. Patton Date: 1/24/02

Reviewed By: DB Mayes Date: 1/29/02

Approved By: Wm Sample Date: 1/29/02

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1

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2

Hartford Steam Boiler
Inspection and Insurance
Corporation (AIA)

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St. Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: Oconee Nuclear Station, 7800 Rochester Highway, Seneca, SC 29672
(Name and Address of Plant)
3. Plant Unit: 3
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: December 16, 1974
6. National Board Number for Unit N/A
7. Components Inspected:

<u>Component</u>	<u>Manufacturer</u>	<u>Manufacturer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Steam Generator A	Babcock & Wilcox	620-0009-55-1	N/A	N-127
Steam Generator B	Babcock & Wilcox	620-0009-55-2	N/A	N-128

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8¹/₂ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates: May 20, 2000 T0 December 14, 2001
9. Inspection Period Identification: Second Period (3rd outage of second period)
10. Inspection Interval Identification: Third Interval
11. Applicable Edition of Section XI: 1989 Addenda None
12. Date/Revision of Inspection Plan: Tech Spec 5.5.10 Steam Generator, 12/15/00 Revision
13. Abstract of Examinations and Test. Reference attached Steam Generator In-service Inspection Summary Report.
14. Abstract of Results of Examination and Tests. Reference attached Steam Generator In-service Inspection Summary Report.
15. Abstract of Corrective Measures. Reference attached Steam Generator In-service Inspection Summary Report.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date 1/29 20 02 Signed Duke Energy Corp. By W. Sample
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of South Carolina employed by *The HSBI&I Co. of ~~Hartford~~ CT. have inspected the components described in this Owner's Report during the period 5-20-2000 to 2-23-2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

E. J. [Signature] Commissions GA 360 NIC
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-23 - 20 02

* The Hartford Steam Boiler Inspection & Insurance Co.
200 Ashford Center North
Suite 300
Atlanta, GA. 30338

**Attachment to Form NIS-1
Steam Generator In-service Inspection Summary Report**

**Oconee Nuclear Station Unit 3 – 2001
Outage EOC-19**

Steam Generator Tubing Surveillance

1.0 Introduction

Eddy current examinations were performed on the 0.625" OD x 0.037" wall Inconel 600 tubing, Inconel 600 plugs and the sleeved portion of the tubes in steam generators "A" and "B" at the Oconee Nuclear Station Unit 3 during the November 2001 refueling outage ONS 3 EOC19.

This report is a summary of the eddy current results.

2.0 Technical Summary

This section provides a technical summary of the eddy current examinations performed at Duke Energy's, Oconee Nuclear Station, Unit 3 EOC19.

The Inconel 600 tubing in the two Babcock and Wilcox once through steam generators (OTSG's) "A" and "B" were examined by various eddy current techniques. The tubing in the generators measures 0.625 inch nominal outside diameter with a 0.037 inch nominal wall thickness. Personnel from Duke Engineering & Services, Framatome ANP (FRA-ANP), Zetec, MoreTech, and ANATEC performed the examinations during the 19th refueling outage.

A magnetic-bias bobbin coil examination was performed on 14,521 tubes in steam generator "A" and 14,845 tubes in steam generator "B". All in-service sleeves were examined with a bobbin coil probe. A single coil "plus-point" motorized rotating coil MRPC[®] probe was used to examine sleeve upper and lower rolls. A single coil motorized rotating coil MRPC[®] probe was used to perform the plug examination. Special Interest locations, upper tubesheet rolls and lower tubesheets were examined with two-coil MRPC[®] probe.

A total of 108 tubes were de-plugged and examined in OTSG "A" and OTSG "B", 55 tubes in OTSG "A" and 53 tubes in OTSG "B". The I-600 plugs were tested with a single coil motorized rotating coil MRPC[®] probe prior to removal. A magnetic-bias bobbin coil examination was performed

after the plug removal. Special interest locations were examined with two-coil MRPC® probe.

2.1 Summary

The following is summary of the results of the eddy current examinations for each generator.

OTSG A:

- Eddy current examinations began on 11/13/01 @ 0400 and were completed on 11/26/01 @ 0600.
- 281 tubes were removed from service by plugging.
- 12 tubes were repaired using FRA-ANP "Re-rolling" process
- 14521 tubes were examined with a bobbin coil probe, does not include de-plugged tubes.
- 4 tubes were reported to have indications of 40% through-wall, (TW) or greater with the bobbin coil probe examination.
- 30 tubes were reported to have indications of 20-39% TW with the bobbin coil probe examination.
- 275 sleeves were examined with a bobbin coil probe.
- 275 sleeves were examined with the plus point coil MRPC® probe at the upper and lower rolls.
- 230 tubes in the lane/wedge region were examined at the 015-tube support plate (TSP) and upper tubesheet secondary face (UTS) intersections with a 2-coil MRPC® probe.
- 14276 Hot Leg Roll Transition (HLRT) rolls were examined with the plus point 2-coil MRPC® probe.
- 2103 Lower Tube Sheets (LTS) were examined with the plus point 2-coil MRPC® probe.
- 2 Lower Tubesheet Manufacture Re-rolls were examined.
- 2116 tubes were examined for special interest (SI) using the 2-coil MRPC® probe.
- 55 de-plugged tubes were examined with a bobbin coil probe.
- 47 de-plugged tubes were examined for special interest, (SI) using the 2-coil MRPC® probe.

OTSG B:

- Eddy current examinations began on 11/13/01 @ 0900 and were completed on 11/26/01 @ 0900.
- 14 tubes were repaired using FRA-ANP "Re-rolling" process
- 182 tubes were removed from service by plugging.
- 14845 tubes were examined with a bobbin coil probe, does not include de-plugged tubes.
- 1 tube was reported to have indications of 40% or greater with the bobbin coil probe examination.
- 18 tubes were reported to have indications of 20-39% TW with the bobbin coil probe examination.
- 246 tubes with sleeves were examined with a bobbin coil probe.
- 246 tubes with sleeves were examined with the plus-point coil MRPC® probe at the upper and lower rolls.
- 226 tubes in the lane/wedge region were examined at the 015 TSP and UTS intersections with the 2-coil MRPC® probe.
- 14599 HLRT rolls were examined with the plus point 2-coil MRPC® probe.
- 2139 LTS were examined with the plus point 2-coil MRPC® probe.
- 3 Lower Tubesheet Manufacture Re-rolls were examined.
- 1238 tubes were examined for special interest using the 2-coil MRPC® probe.
- 53 de-plugged tubes were examined with a bobbin coil probe.
- 52 de-plugged tubes were examined for special interest (SI) using the 2-coil MRPC® probe.

2.2 Examinations

The examination, equipment and personnel were in compliance with the requirements of the Duke Engineering & Services NDE Program Manual for In-service Inspection, the applicable Duke Power Co. Technical Specifications, the ASME Boiler and Pressure Vessel Code Section XI, 1989 Edition and industry standards. Analysis of the eddy current data was performed in accordance with the "Eddy Current Analysis Guidelines for Oconee Nuclear Station Unit 3, EOC-19.

The steam generator tubing examinations were performed by technicians qualified to Level II, or Level I under direct supervision of personnel qualified to Level II in accordance with Duke Engineering & Services procedure NDE-B. The data was evaluated by personnel qualified to a minimum of Level IIA in accordance with Duke Engineering & Services procedure NDE-B. The examination and evaluation procedures used during the eddy current examinations

were approved by personnel qualified to Level III in accordance with Duke Engineering & Services procedure NDE-B.

All inspection frequencies were generated using a Zetec MIZ[®]-30 remote data acquisition unit.

The bobbin coil examinations were performed with .510 inch, .500 inch, and .480 inch diameter probes. The inspection frequencies used were 600, 400, 200 and 35 kHz operating in both differential and absolute modes. A 400/200 kHz differential tube support plate suppression mix was used to enhance the detection of indications occurring at TSP intersections.

The sleeve examinations were performed with a .400 inch diameter bobbin coil probe. The inspection frequencies used were 400, 250, 150 and 75 kHz operating in the differential and absolute mode. A 400/150 kHz differential tube support plate suppression mix was used to enhance the detection of indications occurring at TSP intersections. Sleeve roll expansions were inspected using a .400 inch diameter plus-point coil MRPC[®] probe. The inspection frequencies used were 200, 120, 75 and 50 kHz operating in the differential mode.

The lane & wedge and special interest examinations were performed with .460 inch diameter 2-coil MRPC[®] probes. The inspection frequencies used were 300, 200, 100 and 15 kHz. A 300/100 kHz TSP suppression mix on the pancake coil was used to enhance the detection of indications occurring at TSP intersections.

Official results of the data analysis were recorded on optical disks and verified by two Eddy Current Data Management systems, Framatome Data Management System, (FDMS) and EddyNet[®] Inspection Management System, (EIMS). These systems are used to check the data for invalid analysis entries, perform data sorting routines, ensure all the proper tubes were examined and to printout final data sheets.

Note: Attachment 1 contains a list of all three-letter codes and acronyms used throughout this report.

2.3 Areas of Concern

In OTSG's, certain modes of degradation have been identified in specific regions of the generator.

Eddy current examinations cannot, in all cases, determine the actual cause of damage. The signal recorded during the eddy current examination can be used to estimate the physical size of any tube damage detected (i.e., penetration into the wall, axial extent), however, the actual type of degradation and its cause can only be determined by tube removal and metallurgical studies.

- a) Impingement Erosion – An erosion/corrosion type of discontinuity occurring from the flow of secondary side water with contaminants or debris entrapped in the secondary side fluid stream.
- b) High Cycle Fatigue - OD circumferential cracking normally occurring in the vicinity of the 15th TSP or upper tubesheet secondary face UTS in the open lane & wedge region. The initiating mechanism for high-cycle fatigue is believed to be a combination of surface damage from corrosion, fretting and high crossflow velocities.
- c) Wear - Wear fretting occurs at TSP intersections in tubes near the periphery or outermost rows in the generator. This damage mechanism is caused by flow-induced mechanical vibrations, which are influenced by design parameters, environmental and operating conditions.
- d) Inter-granular Stress Corrosion Cracking (IGSCC) – Tube pull results have confirmed the presence of axially oriented inter-granular stress corrosion cracking. IGSCC has been primarily confirmed at locations from the 007TSP and higher. This problem is not associated with a particular region of the steam generator. Indications are characterized as axial and may display a multiple intermittent response over several inches. IGSCC has been confirmed in the sludge pile on the lower tubesheet and noted at the upper tubesheet and dented TSP locations.
- e) Inside Diameter Inter-granular Attack (ID IGA) – Numerous indications indicative of ID IGA have been reported in the upper tubesheet of Oconee Unit 1, SG B. This mechanism is not believed to be active and is believed to have been initiated as a result of the manufacturing process and unique to SG B of Unit 1.

- f) Primary Water Stress Corrosion Cracking (PWSCC) – PWSCC has been confirmed through tube pulls in the upper tube end (Hot Leg) roll expansion. Indications are generally axially oriented and located in the transition or the expanded region. Plugs and sleeves are also susceptible to this type of damage mechanism.
- g) Inter-granular Attack (IGA) – OD initiated IGA has been detected at the upper spans and within the upper tubesheet crevice, lower tubesheet crevice and first span pit-like IGA.

2.4 Results

A number of indications within both generators were given a non-quantifiable (NQL) code in the percent through-wall column. This code was used during the bobbin examinations for indications where an accurate depth determination could not be made.

Additionally, a number of indications within both generators were reported as an Absolute Drift Indication (ADI) in the percent through-wall column. These are indications of degradation that could not be accurately quantified on differential channels.

2.5 OTSG A and B results:

Attachment 2 details the results of the various eddy current examinations performed in OTSG A and OTSG B. A total of two hundred and eighty-one (281) tubes were removed from service in OTSG A and one hundred fifty four (154) tubes in OTSG B. These tubes were removed from service based on the results of the following eddy current examinations. Refer to Data Management Report for results and specific tube numbers for tubes plugged during the outage.

Attachment 1
DESCRIPTION

<u>CODE</u>	<u>DESCRIPTION</u>
ADI	Absolute Drift Indication
AXI	Axial Indication
FTI	Framatome Technologies
DRS	Distorted Roll Signal
DWI	Dent With Indication
HLRT	Hot Leg Roll Transition
IDI	Inside Diameter Indication
LTP	Lower Tubesheet Primary face
LTS	Lower Tubesheet Secondary face
MAI	Multiple Axial Indication
MCI	Multiple Circumferential Indication
MMI	Mix Mode Indication
MVI	Multiple Volumetric Indication
MRPC	Motorized Rotating Pancake Coil
NDD	No Degradation Detected
NQI	Non-Quantifiable Indication
OD	Outside Diameter
ODI	Outside Diameter Indication
OTSG	Once-Through Steam Generator
PVN	Permeability
PWSCC	Primary Water Stress-Corrosion Cracking
QA	Quality Assurance
RBD	Retest - Bad Data
RIC	Retest - Incomplete
RNC	Retest - Number Check
SAI	Single Axial Indication
SCI	Single Circumferential Indication
SVI	Single Volumetric Indication
TEA	Tube End Anomalies
TSP	Tube Support Plate
TW	Through Wall
TWD	Through Wall Depth
UTP	Upper Tubesheet Primary face
UTS	Upper Tubesheet Secondary face
VOL	Volumetric indication

Attachment 2
ONS 3 EOC 19 OTSG A and B Eddy Current Results.

Bobbin Examinations

	Steam Generator "A" Tubes Tested: 14,521		Steam Generator "B" Tubes Tested: 14,845	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
TWD > 40%	4	4	1	1
TWD 20-39%	30	32	18	19
TWD < 20%	24	25	19	19
ADI's	31	34	17	20
NQI,s	1493	1901	972	1138
DWI's	4	4	2	3

Bobbin Examinations on de-plugged tubes

	Steam Generator "A" Tubes Tested: 55		Steam Generator "B" Tubes Tested: 53	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
TWD > 40%	20	22	14	16
TWD 20-39%	12	14	10	11
TWD < 20%	4	4	2	2
ADI's	0	0	2	2
NQI,s	37	60	34	58
DWI's	0	0	0	0

Plug Examinations Inconel 600

	Steam Generator "A" H/L Plugs Tested: 34 C/L Plugs Tested: 67		Steam Generator "B" H/L Plugs Tested: 29 C/L Plugs Tested: 44	
	H/L Plugs/Indications	C/L Plugs/Indications	H/L Plugs/Indications	C/L Plugs/Indications
SAI's	8/8	0	4/6	0
MAI's	5/5	1/1	3/3	0
SCI,s	0	0	0	0
MCI'S	0	0	0	0
PVN's	0	0	0	0
SVI'S	0	0	0	0
MVI's	0	0	0	0

Lane and Wedge Examinations

	Steam Generator "A" Tubes Tested: 230		Steam Generator "B" Tubes Tested: 226	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
Wear	8	8	0	0
VOL's	0	0	0	0
NQI's	0	0	0	0
SAI's	2	2	1	1
MAI's	0	0	1	1
SCI's	0	0	1	1
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	1	1	0	0
MVI's	0	0	0	0

Sleeve Roll Examinations

	Steam Generator "A" Tubes Tested: 275		Steam Generator "B" Tubes Tested: 246	
	Sleeves With Indications	Number of Indications	Sleeves With Indications	Number of Indications
DRS's	62	70	36	38
VOL's	2	2	4	5
NQI's	0	0	0	0
SAI's	1	1	1	1
MAI's	1	1	0	0
SCI's	0	0	0	0
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	0	0	0	0
MVI's	0	0	0	0
PVN's	1	1	3	3

UTS Roll Examinations

	Steam Generator "A" Tubes Tested: 14,246		Steam Generator "B" Tubes Tested: 14,599	
	Rolls With Indications	Number of Indications	Rolls With Indications	Number of Indications
VOL's	3	4	16	16
NQI's	0	0	0	0
SAI's	14	14	22	22
MAI's	0	0	10	12
SCI's	1	2	3	3
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	0	0	0	0
MVI's	0	0	0	0
TEA's	228	229	180	180

UTS Re-Roll Examinations

	Steam Generator "A" Tubes Re-Rolled: 12		Steam Generator "B" Tubes Re-Rolled: 14	
	Re-Rolls With Indications	Number of Indications	Re-Rolls With Indications	Number of Indications
VOL's	0	0	0	0
NQI's	0	0	0	0
SAI's	0	0	0	0
MAI's	0	0	0	0
SCI's	0	0	0	0
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	0	0	0	0
MVI's	0	0	0	0

Special Interest Examinations

	Steam Generator "A" Tubes Tested: 2116 Locations Tested 2701		Steam Generator "B" Tubes Tested: 1238 Locations Tested 1508	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
Wear > 40%	0	0	0	0
Wear 20-39%	5	5	4	4
Wear < 20%	302	353	211	225
VOL's	479	544	420	469
NQI's	0	0	0	0
SAI's	97	343	21	39
MAI's	4	4	0	0
SCI's	3	3	2	2
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	1	1	3	3
MVI's	0	0	0	0

Special Interest Examinations, de-plugged tubes.

	Steam Generator "A" Tubes Tested: 47 Locations Tested 84		Steam Generator "B" Tubes Tested: 52 Locations Tested 83	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
Wear > 40%	0	0	1	1
Wear 20-39%	5	5	4	5
Wear < 20%	17	24	9	9
VOL's	20	36	10	13
NQI's	0	0	0	0
SAI's	3	13	3	3
MAI's	0	0	1	1
SCI's	0	0	0	0
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	20	27	38	50
MVI's	0	0	0	0

Lower Tubesheet Kidney Region Examinations

	Steam Generator "A" Tubes Tested: 2103		Steam Generator "B" Tubes Tested: 2139	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
VOL's	0	0	5	5
NQI's	0	0	0	0
SAI's	0	0	0	0
MAI's	0	0	0	0
SCI's	0	0	0	0
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	0	0	0	0
MVI's	0	0	0	0

Lower Tubesheet Re-Roll Examinations

	Steam Generator "A" Re-Rolls Tested: 2		Steam Generator "B" Re-Rolls Tested: 3	
	Tubes With Indications	Number of Indications	Tubes With Indications	Number of Indications
VOL's	0	0	0	0
NQI's	0	0	0	0
SAI's	0	0	0	0
MAI's	0	0	0	0
SCI's	0	0	0	0
MCI's	0	0	0	0
MMI's	0	0	0	0
SVI's	0	0	0	0
MVI's	0	0	0	0