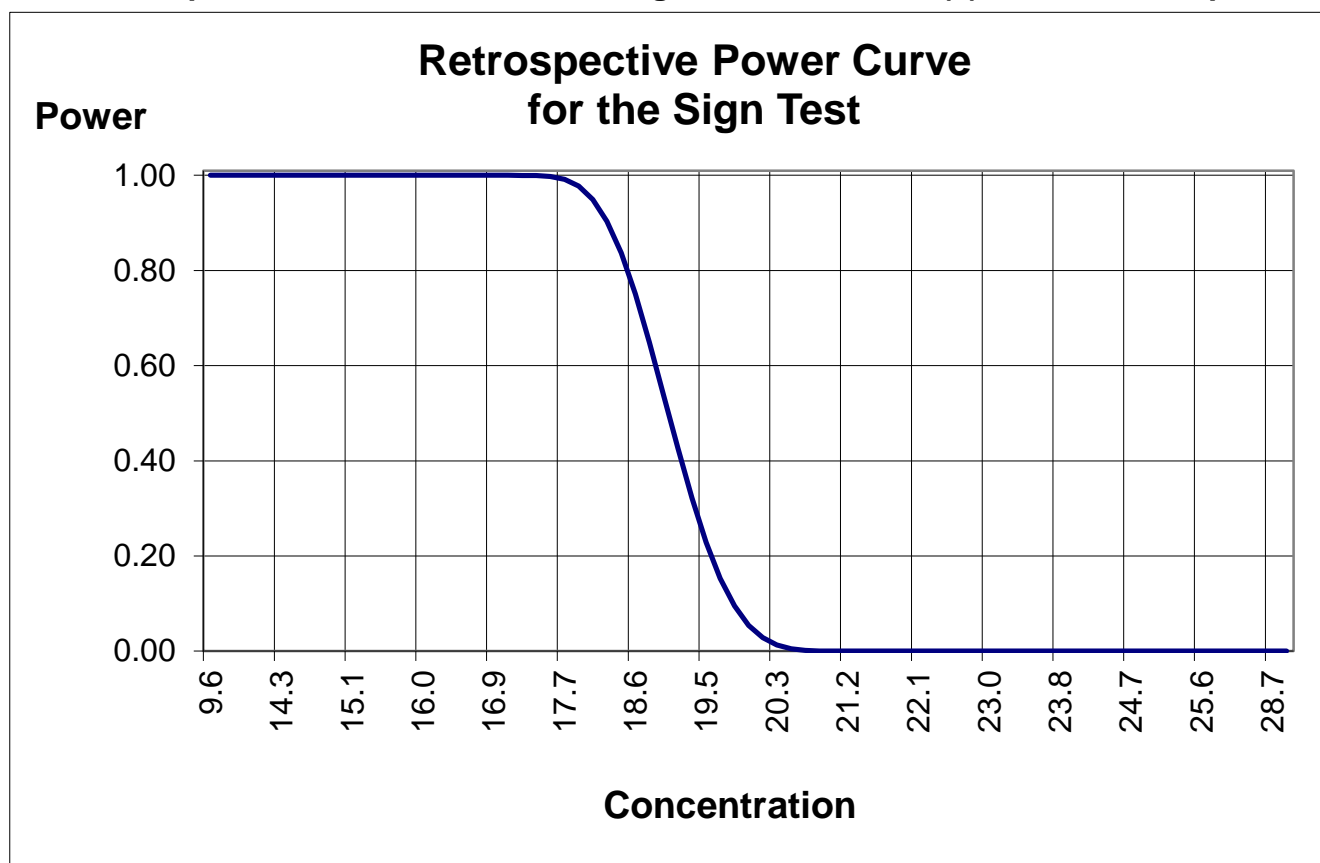


Survey Unit	Relative Shift (unitless)		Alpha Smears (DPM/100 cm ²)		Beta Smears (DPM/100 cm ²)	
	Alpha Smears	Beta Smears	Median	Power <1	Median	Power <1
B-8F (1), Class 1	12.2	6.7	-1.3	17.7	-37.7	153.9
B-8F (2), Class 1	13.0	7.2	-1.3	17.9	-48.3	155.0
B-8W, Class 1	13.6	6.7	-1.3	18.0	-37.7	153.9
B-15F, Class 1	7.8	8.1	-1.8	16.4	-23.2	164.0
B-15W, Class 1	11.0	7.2	-1.8	17.4	19.0	167.4
B-15A-F, Class 1	12.9	8.6	-1.4	17.8	-9.5	168.3
B-15A-W, Class 1	15.1	5.9	-1.4	18.2	6.3	157.5
B-15C, Class 1	10.4	5.1	-0.7	17.4	1.8	149.6
B-15C-S, Class 1	6.2	5.8	2.1	16.3	12.3	157.7
1-L1+2, Class 2	9.2	7.3	-1.0	17.0	6.6	165.7
1-Dust, Class 2	9.5	6.6	1.9	17.5	-17.4	156.9
1-R3, Class 3	14.4	14.6	0.0	18.2	-30.3	179.4
4-D29, Class 1	10.7	5.8	-1.4	17.4	-10.7	152.9
Roof-1, Class 3	9.4	6.8	-0.4	17.2	5.2	162.5

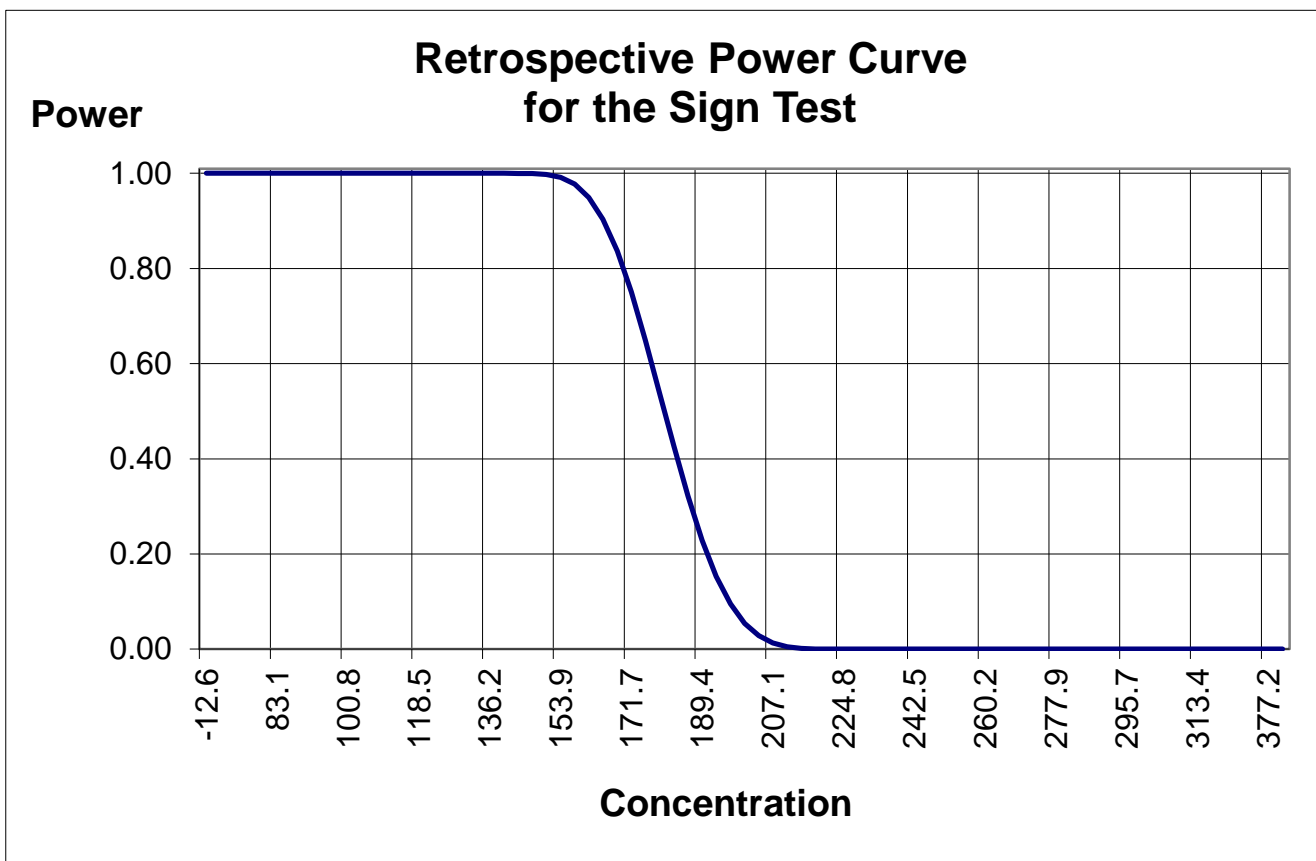
Survey Date:	4/2/2008	LBGR:	-1.3	Sign p:	1
SU/Test:	B-B8F (1)	Sigma:	1.7	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	12.2	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8F (1), Removable Alpha



Survey Date:	4/2/2008	LBGR:	-37.7	Sign p:	1
SU/Test:	B-B8F (1)	Sigma:	35.4	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	6.7	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8F (1), Removable Beta



Survey Unit B-8F (1), Class 1

Instrument and Survey Information - Spring 2007 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

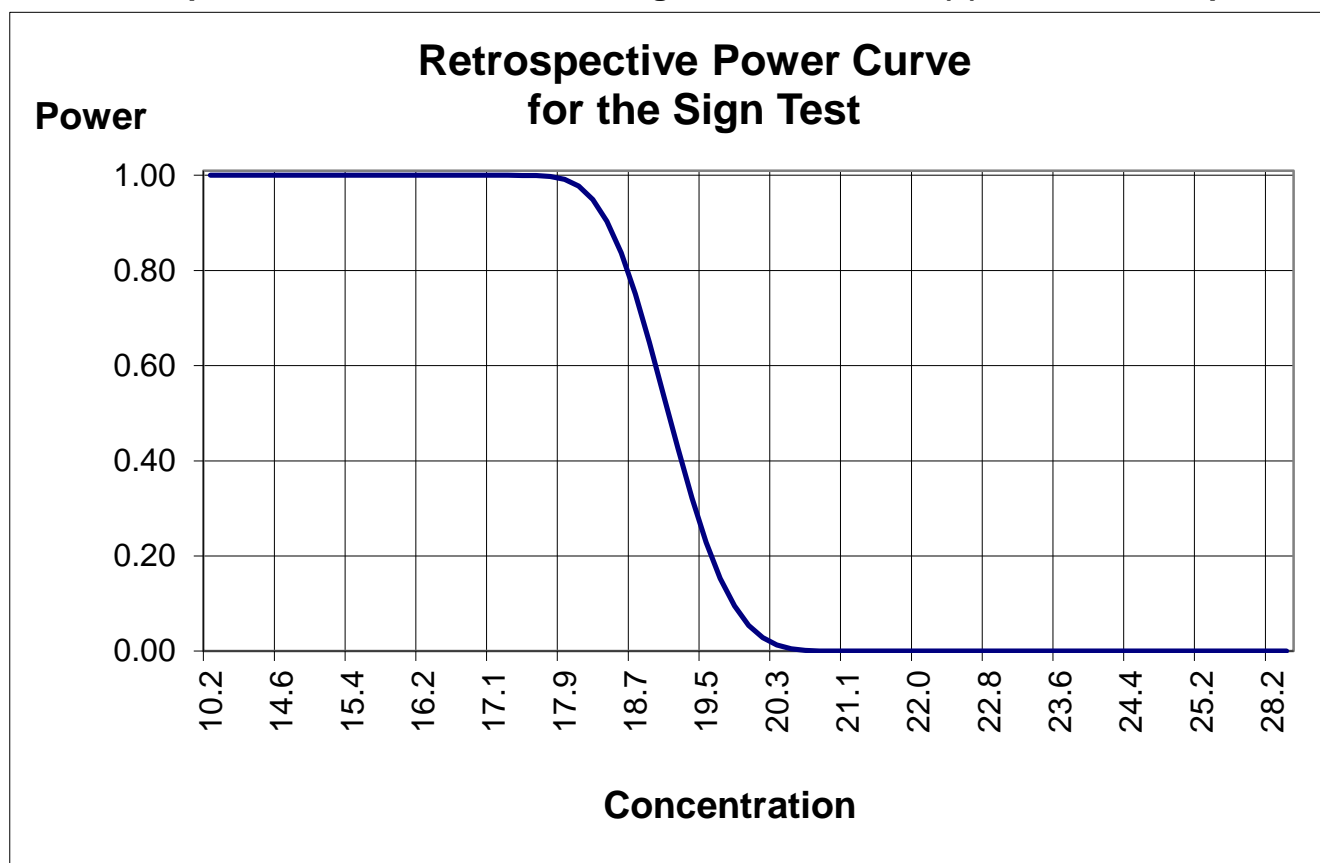
Survey Unit B-8F

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B8-F-1	4/2/2008	9	1615	0	62	0.5	80.8	0.00	62	-1.3	-66
2	B-B8-F-2	4/2/2008	9	1615	1	82	0.5	80.8	1.00	82	1.5	4
3	B-B8-F-3	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
4	B-B8-F-4	4/2/2008	9	1615	0	61	0.5	80.8	0.00	61	-1.3	-69
5	B-B8-F-5	4/2/2008	9	1615	1	69	0.5	80.8	1.00	69	1.5	-41
6	B-B8-F-6	4/2/2008	9	1615	0	61	0.5	80.8	0.00	61	-1.3	-69
7	B-B8-F-7	4/2/2008	9	1615	0	45	0.5	80.8	0.00	45	-1.3	-125
8	B-B8-F-8	4/2/2008	9	1615	1	79	0.5	80.8	1.00	79	1.5	-6
9	B-B8-F-9	4/2/2008	9	1615	1	71	0.5	80.8	1.00	71	1.5	-34
10	B-B8-F-10	4/2/2008	9	1615	0	70	0.5	80.8	0.00	70	-1.3	-38
11	B-B8-F-11	4/2/2008	9	1615	1	72	0.5	80.8	1.00	72	1.5	-31
12	B-B8-F-12	4/2/2008	9	1615	0	83	0.5	80.8	0.00	83	-1.3	8
13	B-B8-F-13	4/2/2008	9	1615	0	70	0.5	80.8	0.00	70	-1.3	-38
14	B-B8-F-14	4/2/2008	9	1615	0	71	0.5	80.8	0.00	71	-1.3	-34
15	B-B8-F-15	4/2/2008	9	1615	0	64	0.5	80.8	0.00	64	-1.3	-59
16	B-B8-F-16	4/2/2008	9	1615	1	71	0.5	80.8	1.00	71	1.5	-34
17	B-B8-F-17	4/2/2008	9	1615	2	49	0.5	80.8	2.00	49	4.3	-111

Mean	0.1	-46.4
Median	-1.3	-37.7
SD	1.7	35.4
Minimum	-1.3	-125.5
Maximum	4.3	7.9

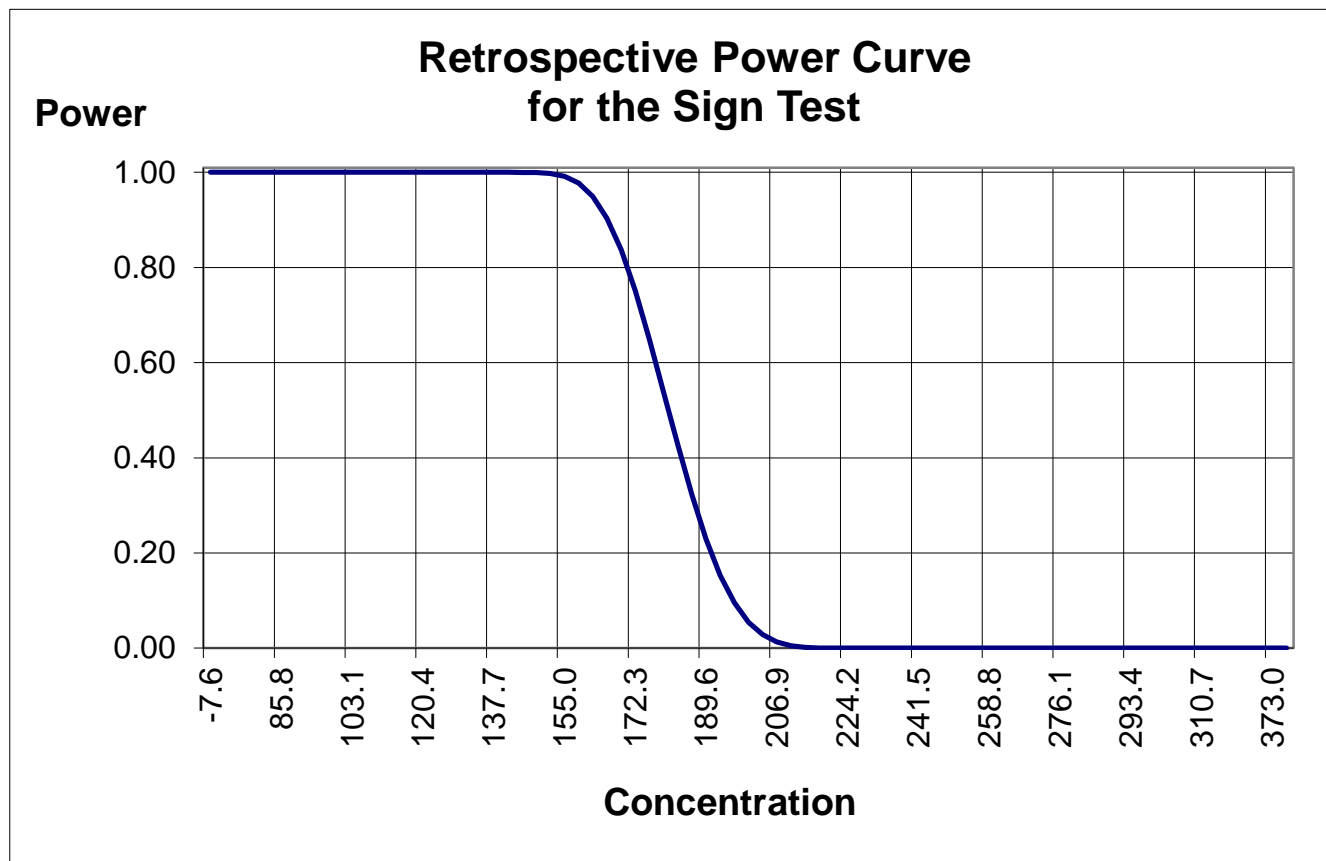
Survey Date:	4/2/2008	LBGR:	-1.3	Sign p:	1
SU/Test:	B-B8F (2)	Sigma:	1.6	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	13.0	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8F (2), Removable Alpha



Survey Date:	4/2/2008	LBGR:	-48.3	Sign p:	1
SU/Test:	B-B8F (2)	Sigma:	34.6	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	7.2	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8F (2), Removable Beta



Survey Unit B-8F (2), Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

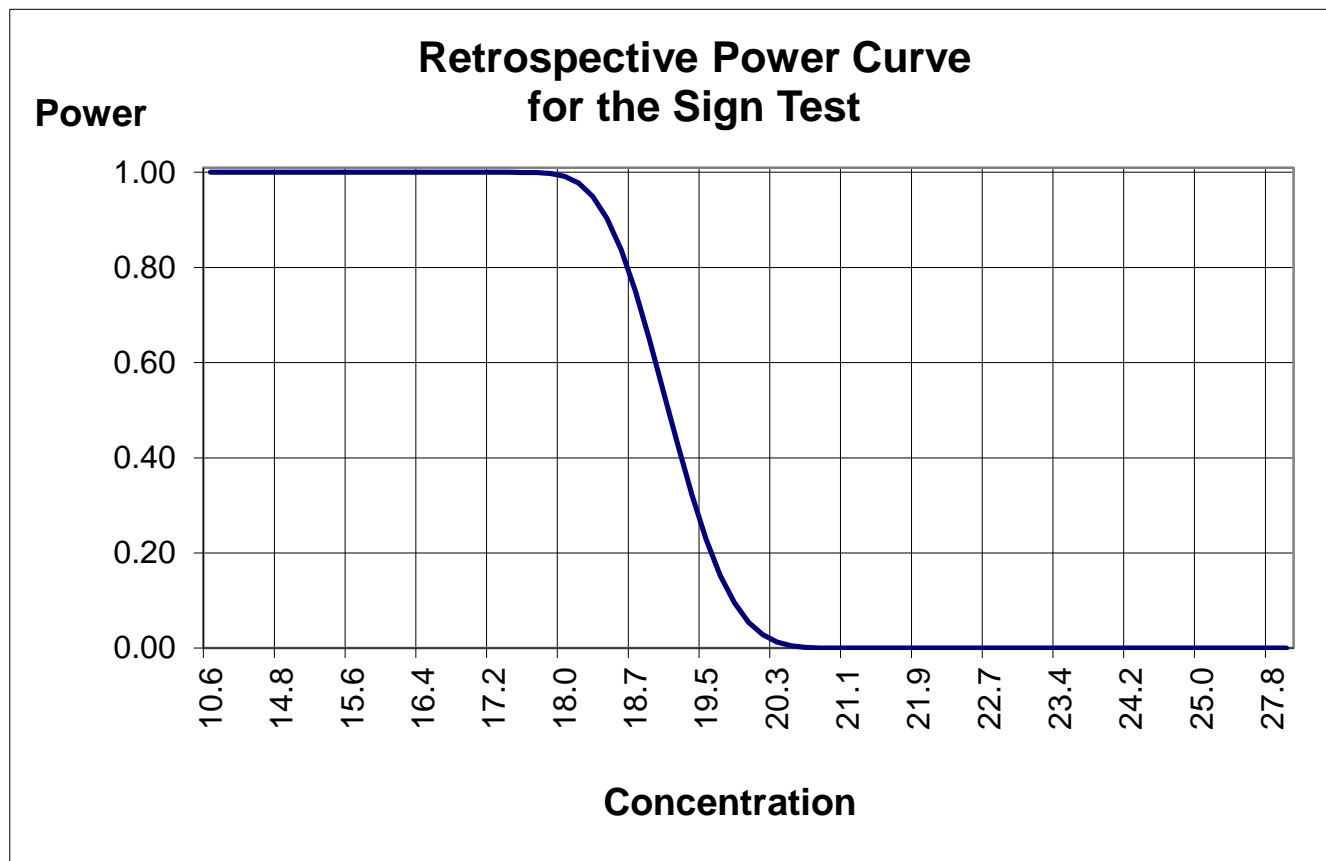
Survey Unit B-8F

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
18	B-B8-F-18	4/2/2008	9	1615	0	61	0.5	80.8	0.00	61	-1.3	-69
19	B-B8-F-19	4/2/2008	9	1615	1	78	0.5	80.8	1.00	78	1.5	-10
20	B-B8-F-20	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
21	B-B8-F-21	4/2/2008	9	1615	0	67	0.5	80.8	0.00	67	-1.3	-48
22	B-B8-F-22	4/2/2008	9	1615	1	84	0.5	80.8	1.00	84	1.5	11
23	B-B8-F-23	4/2/2008	9	1615	0	64	0.5	80.8	0.00	64	-1.3	-59
24	B-B8-F-24	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
25	B-B8-F-25	4/2/2008	9	1615	0	60	0.5	80.8	0.00	60	-1.3	-73
26	B-B8-F-26	4/2/2008	9	1615	0	88	0.5	80.8	0.00	88	-1.3	25
27	B-B8-F-27	4/2/2008	9	1615	0	63	0.5	80.8	0.00	63	-1.3	-62
28	B-B8-F-28	4/2/2008	9	1615	0	60	0.5	80.8	0.00	60	-1.3	-73
29	B-B8-F-29	4/2/2008	9	1615	0	78	0.5	80.8	0.00	78	-1.3	-10
30	B-B8-F-30	4/2/2008	9	1615	0	57	0.5	80.8	0.00	57	-1.3	-83
31	B-B8-F-31	4/2/2008	9	1615	0	77	0.5	80.8	0.00	77	-1.3	-13
32	B-B8-F-32	4/2/2008	9	1615	2	75	0.5	80.8	2.00	75	4.3	-20
33	B-B8-F-33	4/2/2008	9	1615	0	53	0.5	80.8	0.00	53	-1.3	-97
34	B-B8-F-34	4/2/2008	9	1615	1	65	0.5	80.8	1.00	65	1.5	-55

Mean	-0.4	-42.7
Median	-1.3	-48.3
SD	1.6	34.6
Minimum	-1.3	-97.4
Maximum	4.3	25.4

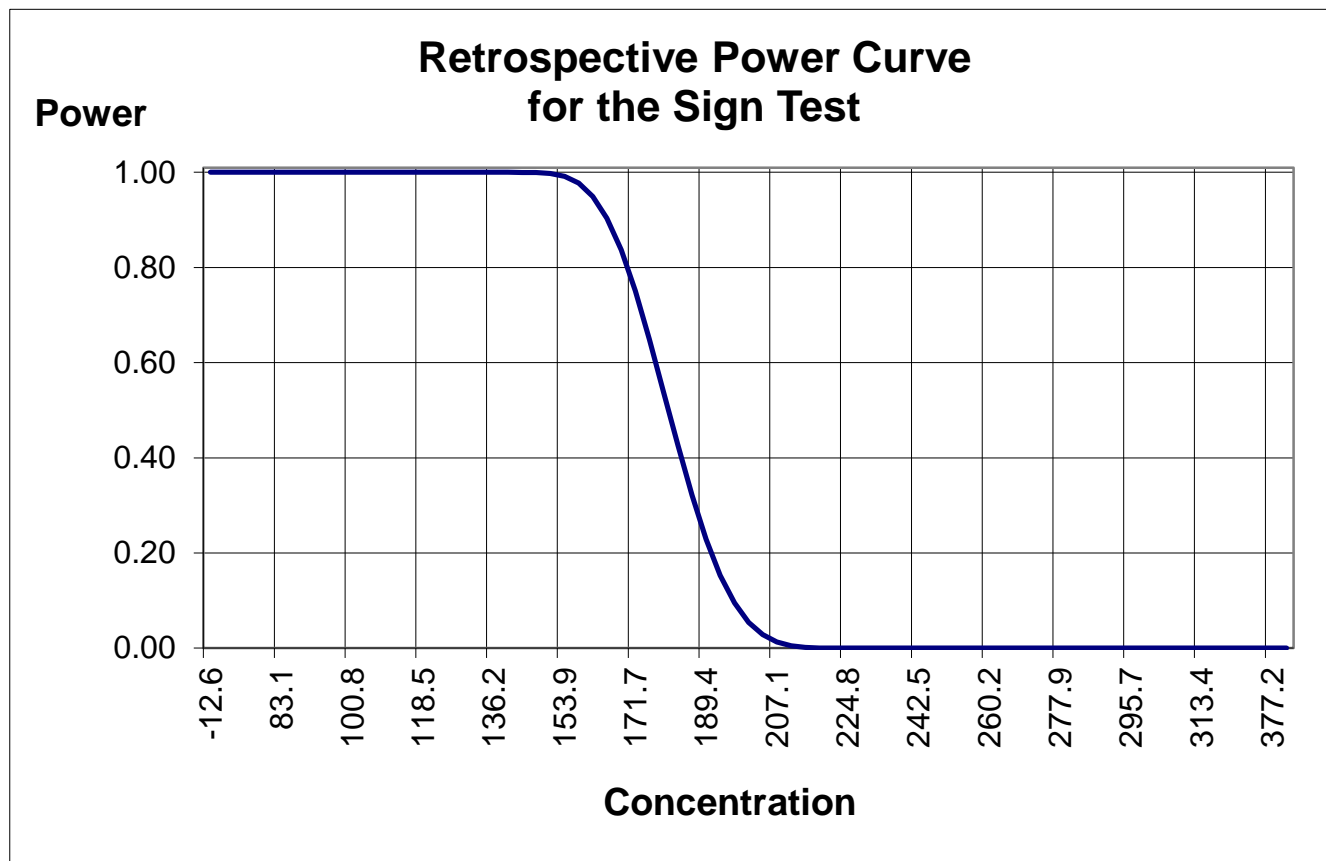
Survey Date:	4/2/2008	LBGR:	-1.3	Sign p:	1
SU/Test:	B-B8W	Sigma:	1.6	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	13.6	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8W, Removable Alpha



Survey Date:	4/2/2008	LBGR:	-37.7	Sign p:	1
SU/Test:	B-B8W	Sigma:	35.4	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	6.7	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B8W, Removable Beta



Survey Unit B-8W, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

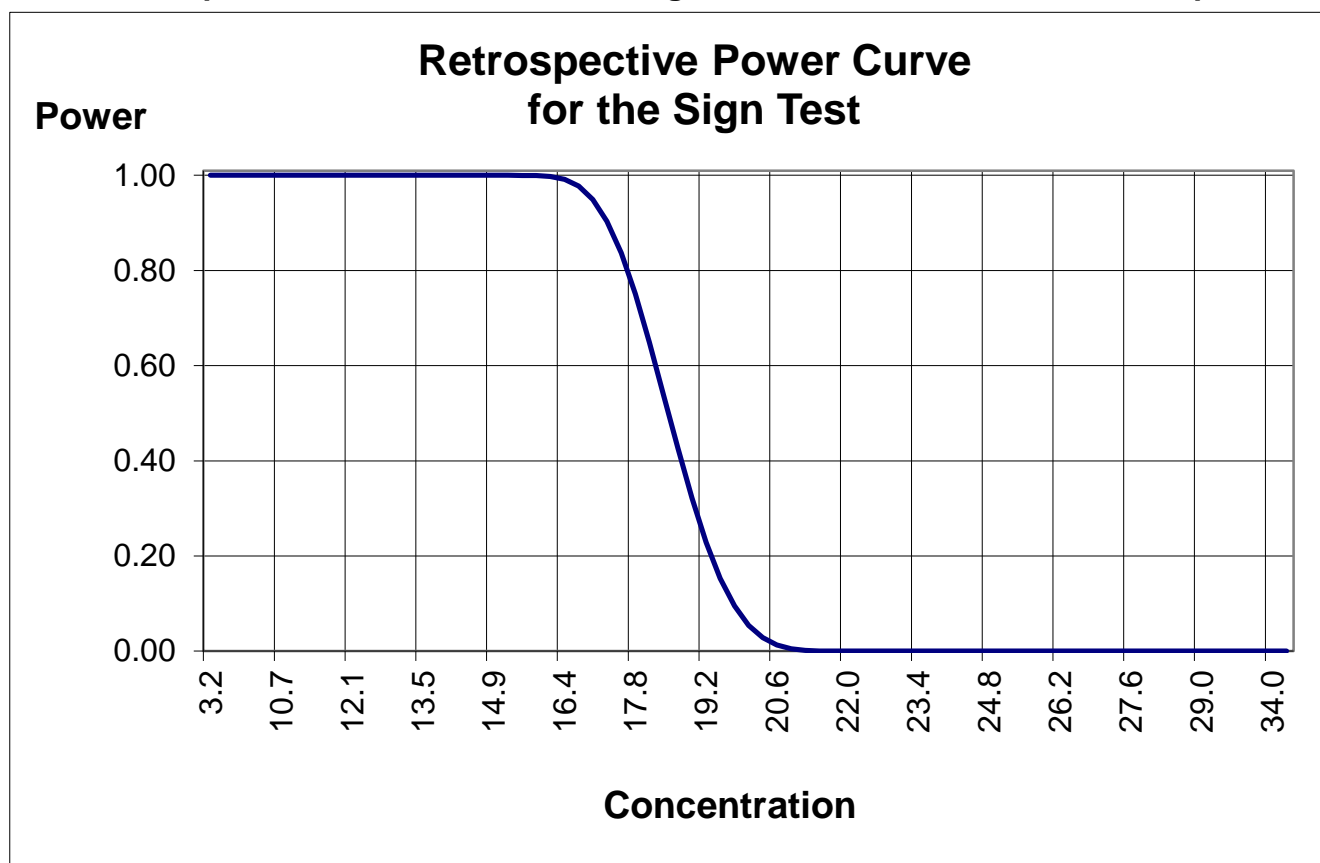
Survey Unit B-8W

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B8-W-1	4/2/2008	9	1615	0	61	0.5	80.8	0.00	61	-1.3	-69
2	B-B8-W-2	4/2/2008	9	1615	1	78	0.5	80.8	1.00	78	1.5	-10
3	B-B8-W-3	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
4	B-B8-W-4	4/2/2008	9	1615	0	67	0.5	80.8	0.00	67	-1.3	-48
5	B-B8-W-5	4/2/2008	9	1615	1	84	0.5	80.8	1.00	84	1.5	11
6	B-B8-W-6	4/2/2008	9	1615	0	64	0.5	80.8	0.00	64	-1.3	-59
7	B-B8-W-7	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
8	B-B8-W-8	4/2/2008	9	1615	0	60	0.5	80.8	0.00	60	-1.3	-73
9	B-B8-W-9	4/2/2008	9	1615	0	88	0.5	80.8	0.00	88	-1.3	25
10	B-B8-W-10	4/2/2008	9	1615	0	63	0.5	80.8	0.00	63	-1.3	-62
11	B-B8-W-11	4/2/2008	9	1615	0	60	0.5	80.8	0.00	60	-1.3	-73
12	B-B8-W-12	4/2/2008	9	1615	0	78	0.5	80.8	0.00	78	-1.3	-10
13	B-B8-W-13	4/2/2008	9	1615	0	57	0.5	80.8	0.00	57	-1.3	-83
14	B-B8-W-14	4/2/2008	9	1615	0	77	0.5	80.8	0.00	77	-1.3	-13
15	B-B8-W-15	4/2/2008	9	1615	0	68	0.5	80.8	0.00	68	-1.3	-45
16	B-B8-W-16	4/2/2008	9	1615	2	75	0.5	80.8	2.00	75	4.3	-20
17	B-B8-W-17	4/2/2008	9	1615	0	53	0.5	80.8	0.00	53	-1.3	-97

Mean	-0.6	-42.1
Median	-1.3	-44.8
SD	1.6	34.4
Minimum	-1.3	-97.4
Maximum	4.3	25.4

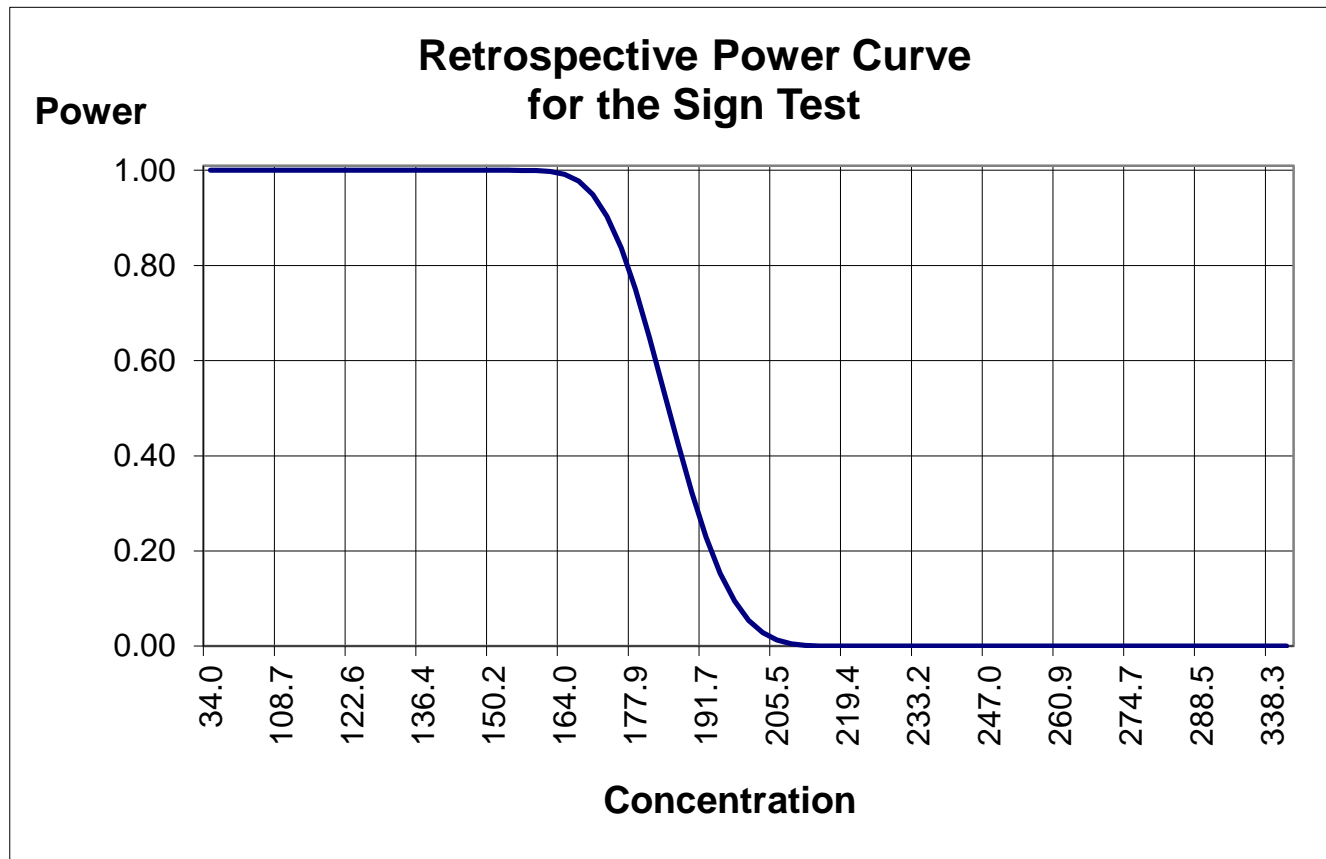
Survey Date:	3/27/2008	LBGR:	-1.8	Sign p:	1
SU/Test:	B-B15F	Sigma:	2.8	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	7.8	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15F, Removable Alpha



Survey Date:	3/27/2008	LBGR:	-23.2	Sign p:	1
SU/Test:	B-B15F	Sigma:	27.7	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	8.1	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15F, Removable Beta



Survey Unit B-15F, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

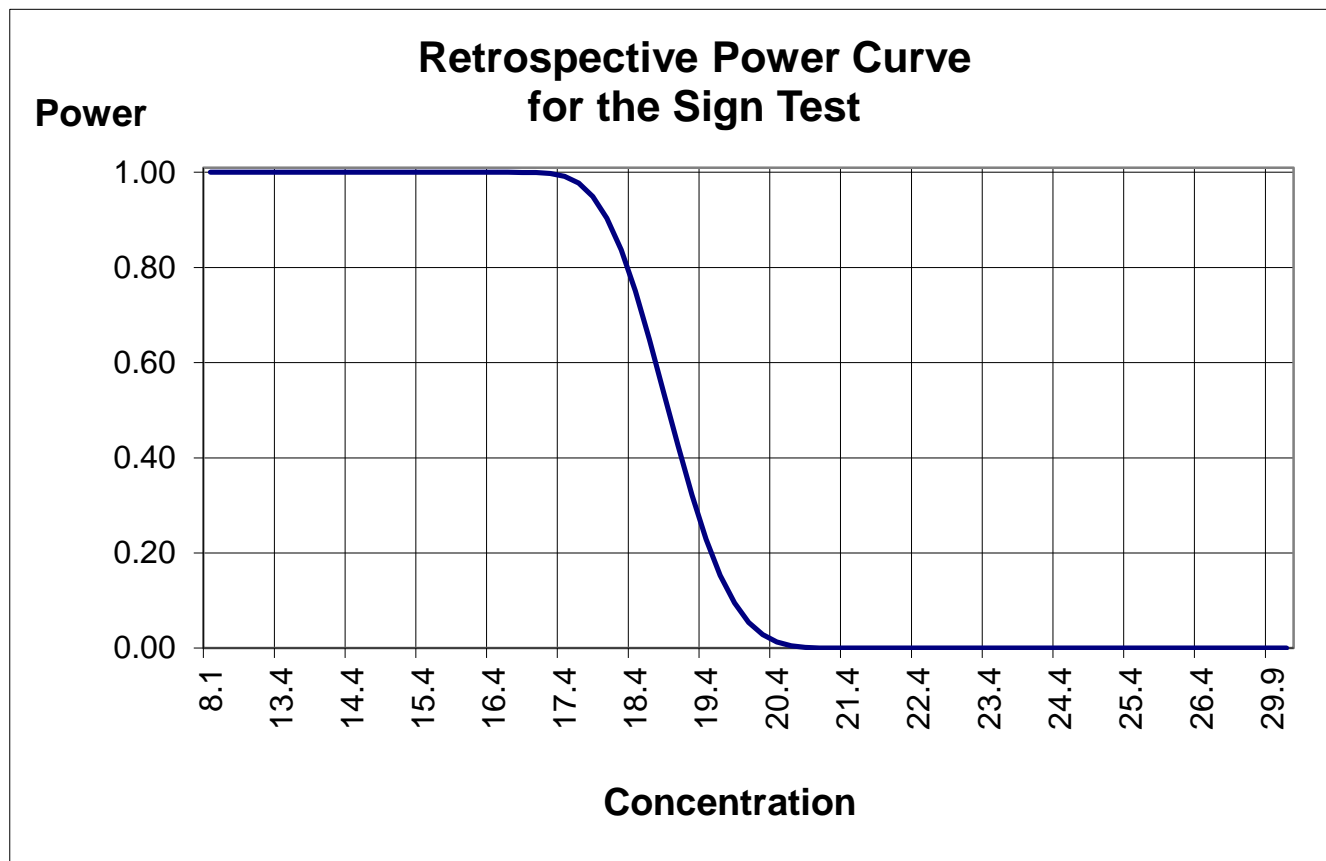
Survey Unit B-15F

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15-F-1	3/27/2008	13	1432	0	54	0.7	71.6	0.00	54	-1.8	-62
2	B-B15-F-2	3/27/2008	13	1432	0	50	0.7	71.6	0.00	50	-1.8	-76
3	B-B15-F-3	3/27/2008	13	1432	0	65	0.7	71.6	0.00	65	-1.8	-23
4	B-B15-F-4	3/27/2008	13	1432	0	66	0.7	71.6	0.00	66	-1.8	-20
5	B-B15-F-5	3/27/2008	13	1432	1	80	0.7	71.6	1.00	80	1.0	29
6	B-B15-F-6	3/27/2008	13	1432	0	73	0.7	71.6	0.00	73	-1.8	5
7	B-B15-F-7	3/27/2008	13	1432	1	58	0.7	71.6	1.00	58	1.0	-48
8	B-B15-F-8	3/27/2008	13	1432	4	69	0.7	71.6	4.00	69	9.3	-9
9	B-B15-F-9	3/27/2008	13	1432	0	65	0.7	71.6	0.00	65	-1.8	-23
10	B-B15-F-10	3/27/2008	13	1432	0	75	0.7	71.6	0.00	75	-1.8	12
11	B-B15-F-11	3/27/2008	13	1432	0	63	0.7	71.6	0.00	63	-1.8	-30
12	B-B15-F-12	3/27/2008	13	1432	0	74	0.7	71.6	0.00	74	-1.8	8
13	B-B15-F-13	3/27/2008	13	1432	0	57	0.7	71.6	0.00	57	-1.8	-51
14	B-B15-F-14	3/27/2008	13	1432	0	64	0.7	71.6	0.00	64	-1.8	-27
15	B-B15-F-15	3/27/2008	13	1432	1	70	0.7	71.6	1.00	70	1.0	-6
16	B-B15-F-16	3/27/2008	13	1432	1	70	0.7	71.6	1.00	70	1.0	-6
17	B-B15-F-17	3/27/2008	13	1432	0	64	0.7	71.6	0.00	64	-1.8	-27

Mean	-0.5	-20.7
Median	-1.8	-23.2
SD	2.8	27.7
Minimum	-1.8	-75.8
Maximum	9.3	29.5

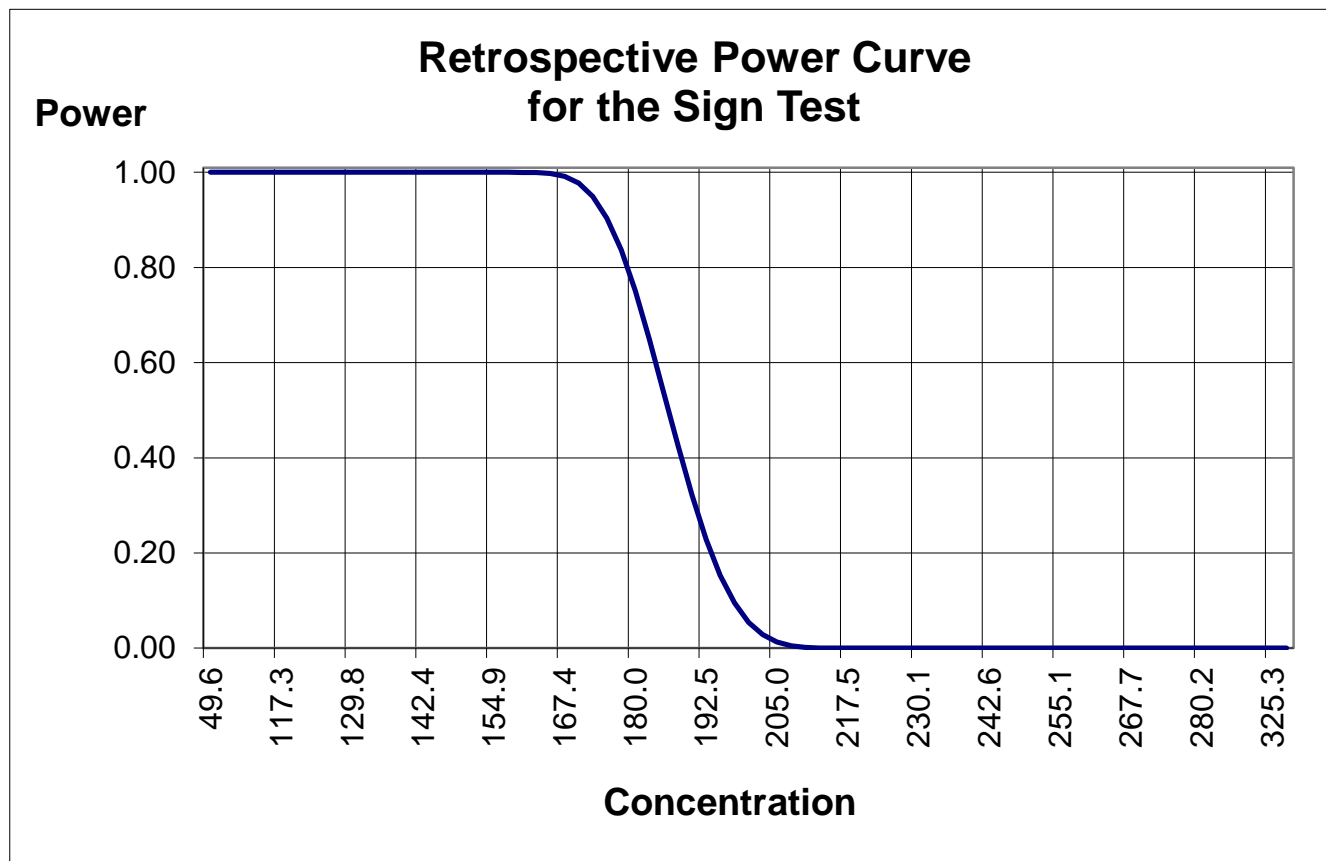
Survey Date:	3/27/2008	LBGR:	-1.8	Sign p:	1
SU/Test:	B-B15W	Sigma:	2.0	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	11.0	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15W, Removable Alpha



Survey Date:	3/27/2008	LBGR:	19.0	Sign p:	1
SU/Test:	B-B15W	Sigma:	25.1	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	7.2	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15W, Removable Beta



Survey Unit B-15W, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

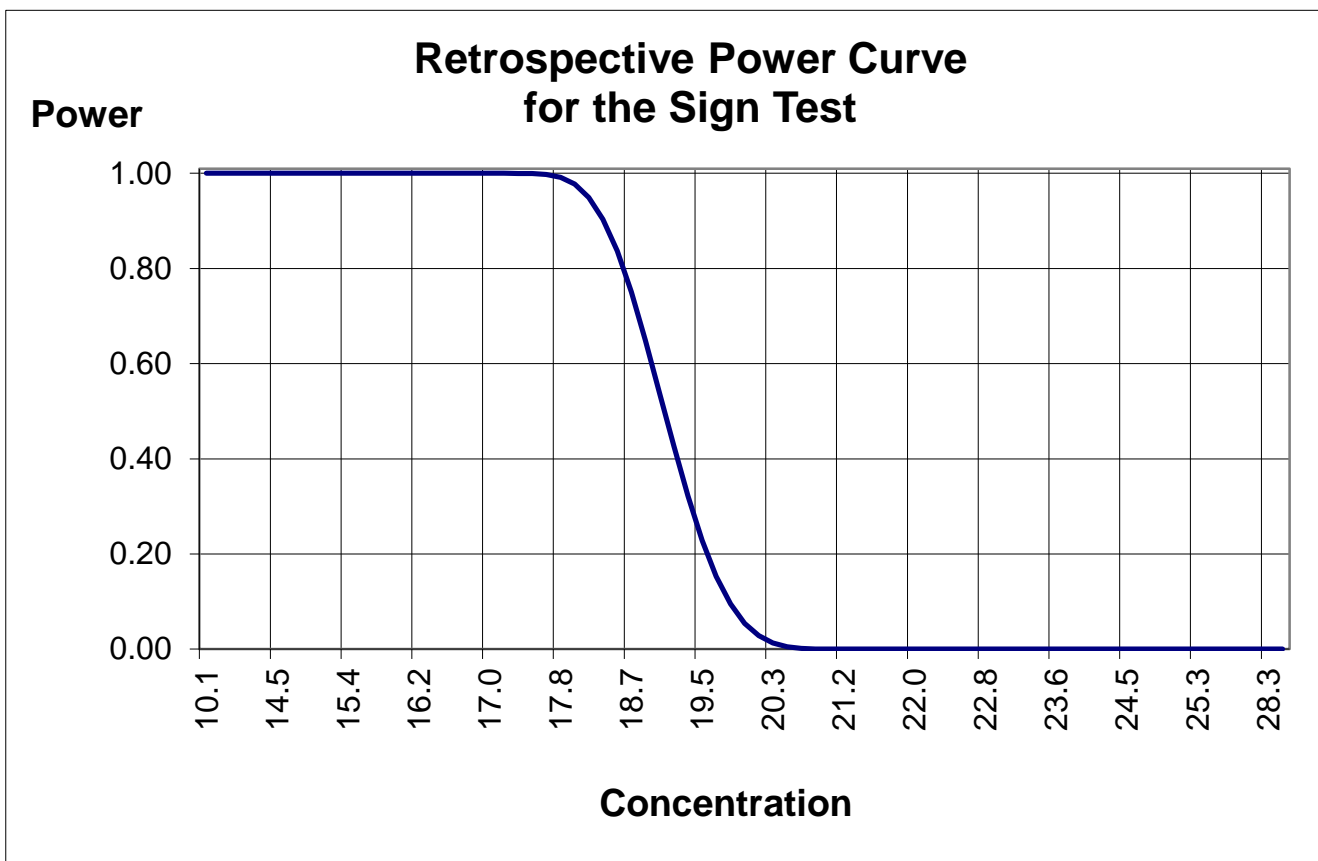
Survey Unit B-15W

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15-W-1	3/27/2008	13	1432	1	67	0.7	71.6	1.00	67	1.0	-16
2	B-B15-W-2	3/27/2008	13	1432	1	61	0.7	71.6	1.00	61	1.0	-37
3	B-B15-W-3	3/27/2008	13	1432	0	77	0.7	71.6	0.00	77	-1.8	19
4	B-B15-W-4	3/27/2008	13	1432	1	77	0.7	71.6	1.00	77	1.0	19
5	B-B15-W-5	3/27/2008	13	1432	2	77	0.7	71.6	2.00	77	3.8	19
6	B-B15-W-6	3/27/2008	13	1432	1	70	0.7	71.6	1.00	70	1.0	-6
7	B-B15-W-7	3/27/2008	13	1432	0	73	0.7	71.6	0.00	73	-1.8	5
8	B-B15-W-8	3/27/2008	13	1432	2	74	0.7	71.6	2.00	74	3.8	8
9	B-B15-W-9	3/27/2008	13	1432	0	73	0.7	71.6	0.00	73	-1.8	5
10	B-B15-W-10	3/27/2008	13	1432	1	72	0.7	71.6	1.00	72	1.0	1
11	B-B15-W-11	3/27/2008	13	1432	0	87	0.7	71.6	0.00	87	-1.8	54
12	B-B15-W-12	3/27/2008	13	1432	0	84	0.7	71.6	0.00	84	-1.8	44
13	B-B15-W-13	3/27/2008	13	1432	0	82	0.7	71.6	0.00	82	-1.8	37
14	B-B15-W-14	3/27/2008	13	1432	0	89	0.7	71.6	0.00	89	-1.8	61
15	B-B15-W-15	3/27/2008	13	1432	1	82	0.7	71.6	1.00	82	1.0	37
16	B-B15-W-16	3/27/2008	13	1432	0	78	0.7	71.6	0.00	78	-1.8	22
17	B-B15-W-17	3/27/2008	13	1432	0	74	0.7	71.6	0.00	74	-1.8	8

Mean	-0.2	16.5
Median	-1.8	19.0
SD	2.0	25.1
Minimum	-1.8	-37.2
Maximum	3.8	61.1

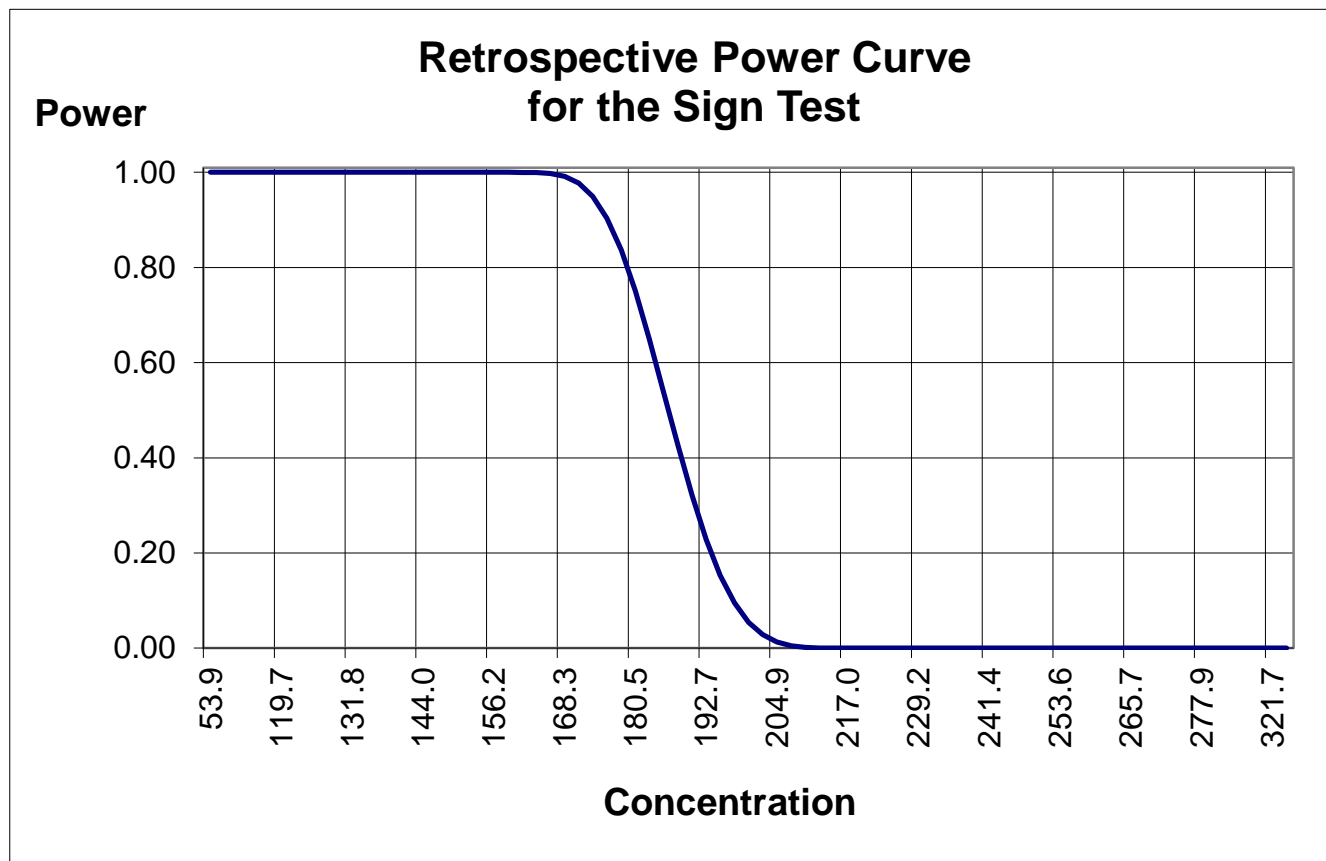
Survey Date:	3/14/2008	LBGR:	-1.4	Sign p:	1
SU/Test:	B-B15AF	Sigma:	1.7	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	12.9	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15AF, Removable Alpha



Survey Date:	3/14/2008	LBGR:	-9.5	Sign p:	1
SU/Test:	B-B15AF	Sigma:	24.3	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	8.6	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15AF, Removable Beta



Survey Unit B-15A-F, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

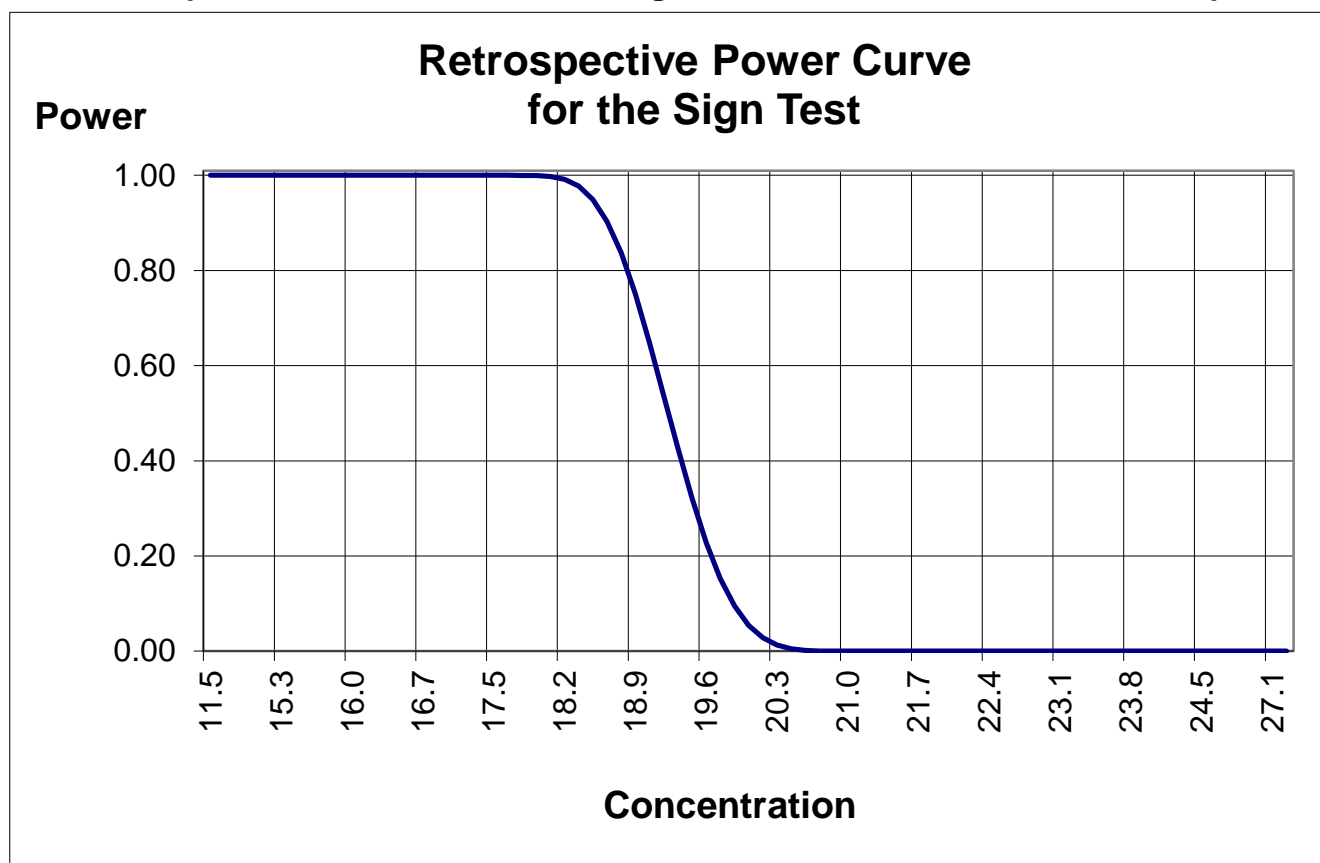
Survey Unit B-15A-F

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15A-F-1	3/14/2008	10	1504	0	72	0.5	75.2	0.00	72	-1.4	-11
2	B-B15A-F-2	3/14/2008	10	1504	0	68	0.5	75.2	0.00	68	-1.4	-25
3	B-B15A-F-3	3/14/2008	10	1504	1	80	0.5	75.2	1.00	80	1.4	17
4	B-B15A-F-4	3/14/2008	10	1504	1	85	0.5	75.2	1.00	85	1.4	34
5	B-B15A-F-5	3/14/2008	10	1504	0	75	0.5	75.2	0.00	75	-1.4	-1
6	B-B15A-F-6	3/14/2008	10	1504	0	76	0.5	75.2	0.00	76	-1.4	3
7	B-B15A-F-7	3/14/2008	10	1504	0	73	0.5	75.2	0.00	73	-1.4	-8
8	B-B15A-F-8	3/14/2008	10	1504	1	69	0.5	75.2	1.00	69	1.4	-22
9	B-B15A-F-9	3/14/2008	10	1504	0	67	0.5	75.2	0.00	67	-1.4	-29
10	B-B15A-F-10	3/14/2008	10	1504	1	80	0.5	75.2	1.00	80	1.4	17
11	B-B15A-F-11	3/14/2008	10	1504	0	61	0.5	75.2	0.00	61	-1.4	-50
12	B-B15A-F-12	3/14/2008	10	1504	0	71	0.5	75.2	0.00	71	-1.4	-15
13	B-B15A-F-13	3/14/2008	10	1504	0	67	0.5	75.2	0.00	67	-1.4	-29
14	B-B15A-F-14	3/14/2008	10	1504	0	56	0.5	75.2	0.00	56	-1.4	-67
15	B-B15A-F-15	3/14/2008	10	1504	0	75	0.5	75.2	0.00	75	-1.4	-1
16	B-B15A-F-16	3/14/2008	10	1504	0	75	0.5	75.2	0.00	75	-1.4	-1
17	B-B15A-F-17	3/14/2008	10	1504	2	73	0.5	75.2	2.00	73	4.2	-8
18	B-B15A-F-18	3/14/2008	10	1504	0	67	0.5	75.2	0.00	67	-1.4	-29

Mean	-0.5	-12.4
Median	-1.4	-9.5
SD	1.7	24.3
Minimum	-1.4	-67.4
Maximum	4.2	34.4

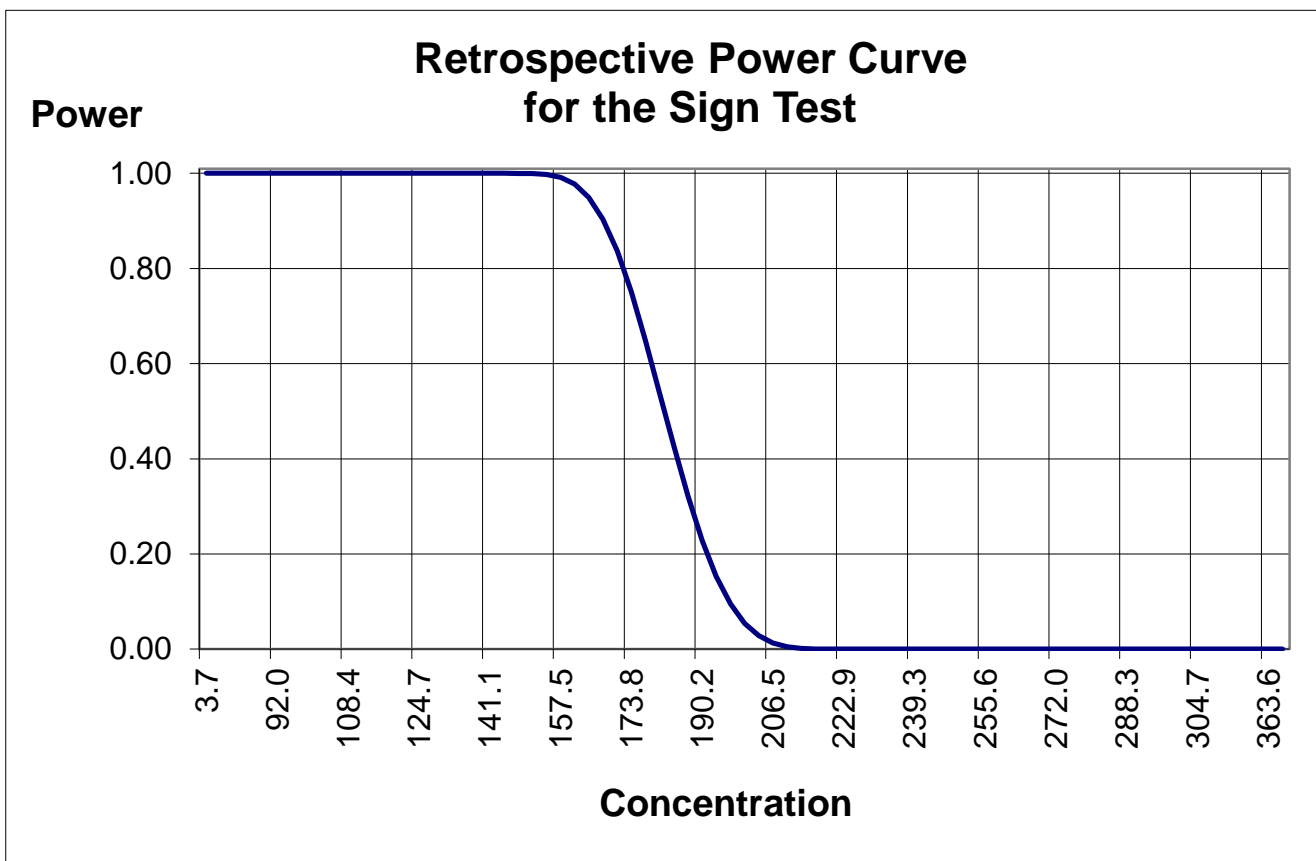
Survey Date:	3/14/2008	LBGR:	-1.4	Sign p:	1
SU/Test:	B-B15AW	Sigma:	1.4	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	15.1	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15AW, Removable Alpha



Survey Date:	3/14/2008	LBGR:	6.3	Sign p:	1
SU/Test:	B-B15AW	Sigma:	32.7	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	5.9	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15AW, Removable Beta



Survey Unit B-15A-W, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

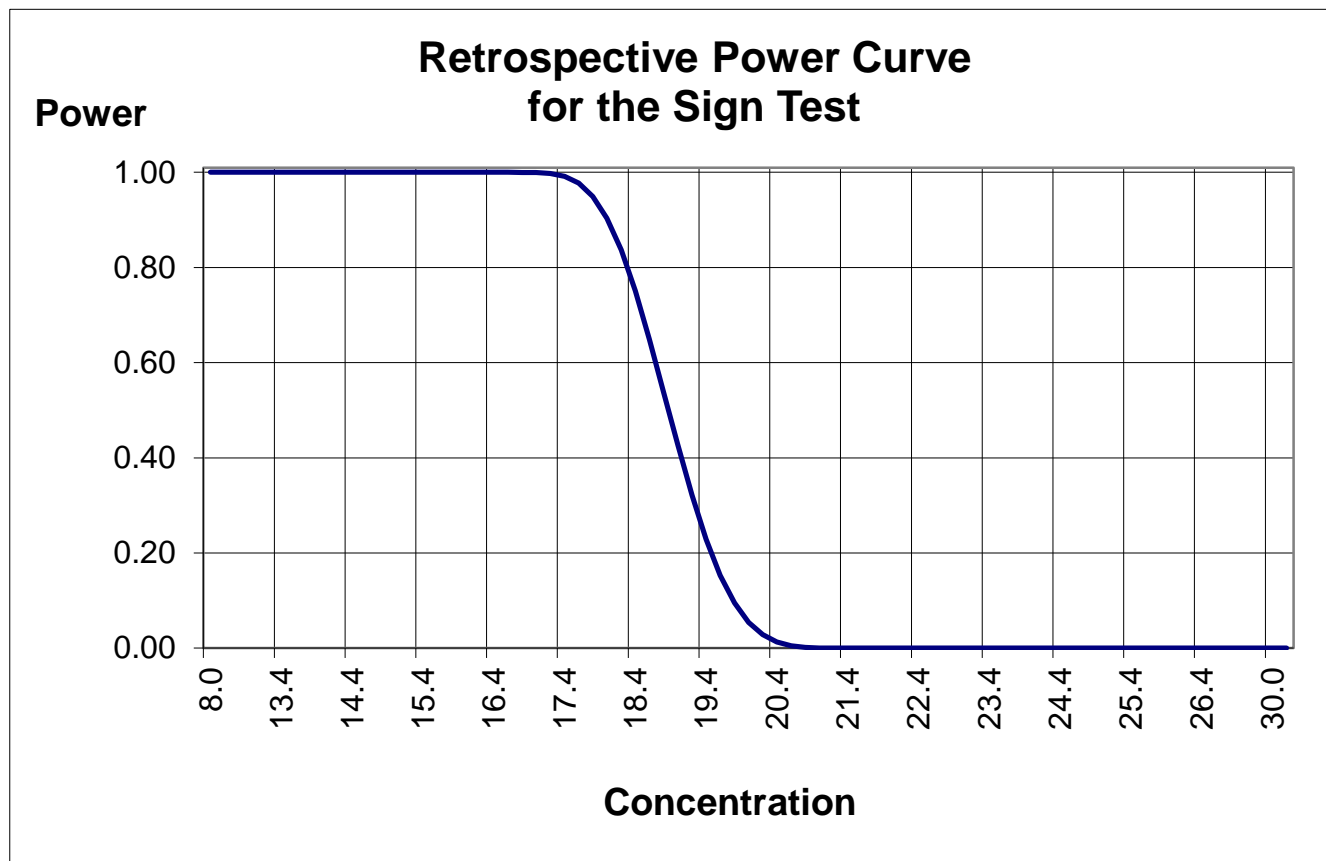
Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

Survey Unit B-15A-W												
	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15A-W-1	3/14/2008	10	1504	0	67	0.5	75.2	0.00	67	-1.4	-29
2	B-B15A-W-2	3/14/2008	10	1504	1	79	0.5	75.2	1.00	79	1.4	13
3	B-B15A-W-3	3/14/2008	10	1504	1	77	0.5	75.2	1.00	77	1.4	6
4	B-B15A-W-4	3/14/2008	10	1504	1	76	0.5	75.2	1.00	76	1.4	3
5	B-B15A-W-5	3/14/2008	10	1504	0	85	0.5	75.2	0.00	85	-1.4	34
6	B-B15A-W-6	3/14/2008	10	1504	0	58	0.5	75.2	0.00	58	-1.4	-60
7	B-B15A-W-7	3/14/2008	10	1504	0	96	0.5	75.2	0.00	96	-1.4	73
8	B-B15A-W-8	3/14/2008	10	1504	1	90	0.5	75.2	1.00	90	1.4	52
9	B-B15A-W-9	3/14/2008	10	1504	1	65	0.5	75.2	1.00	65	1.4	-36
10	B-B15A-W-10	3/14/2008	10	1504	0	73	0.5	75.2	0.00	73	-1.4	-8
11	B-B15A-W-11	3/14/2008	10	1504	0	82	0.5	75.2	0.00	82	-1.4	24
12	B-B15A-W-12	3/14/2008	10	1504	0	80	0.5	75.2	0.00	80	-1.4	17
13	B-B15A-W-13	3/14/2008	10	1504	0	69	0.5	75.2	0.00	69	-1.4	-22
14	B-B15A-W-14	3/14/2008	10	1504	1	83	0.5	75.2	1.00	83	1.4	27
15	B-B15A-W-15	3/14/2008	10	1504	1	78	0.5	75.2	1.00	78	1.4	10
16	B-B15A-W-16	3/14/2008	10	1504	1	74	0.5	75.2	1.00	74	1.4	-4
17	B-B15A-W-17	3/14/2008	10	1504	0	67	0.5	75.2	0.00	67	-1.4	-29
18	B-B15A-W-18	3/14/2008	10	1504	0	77	0.5	75.2	0.00	77	-1.4	6
19	B-B15A-W-19	3/14/2008	10	1504	0	87	0.5	75.2	0.00	87	-1.4	41
											Mean	6.3
											Median	6.3
											SD	32.7
											Minimum	-60.4
											Maximum	73.0

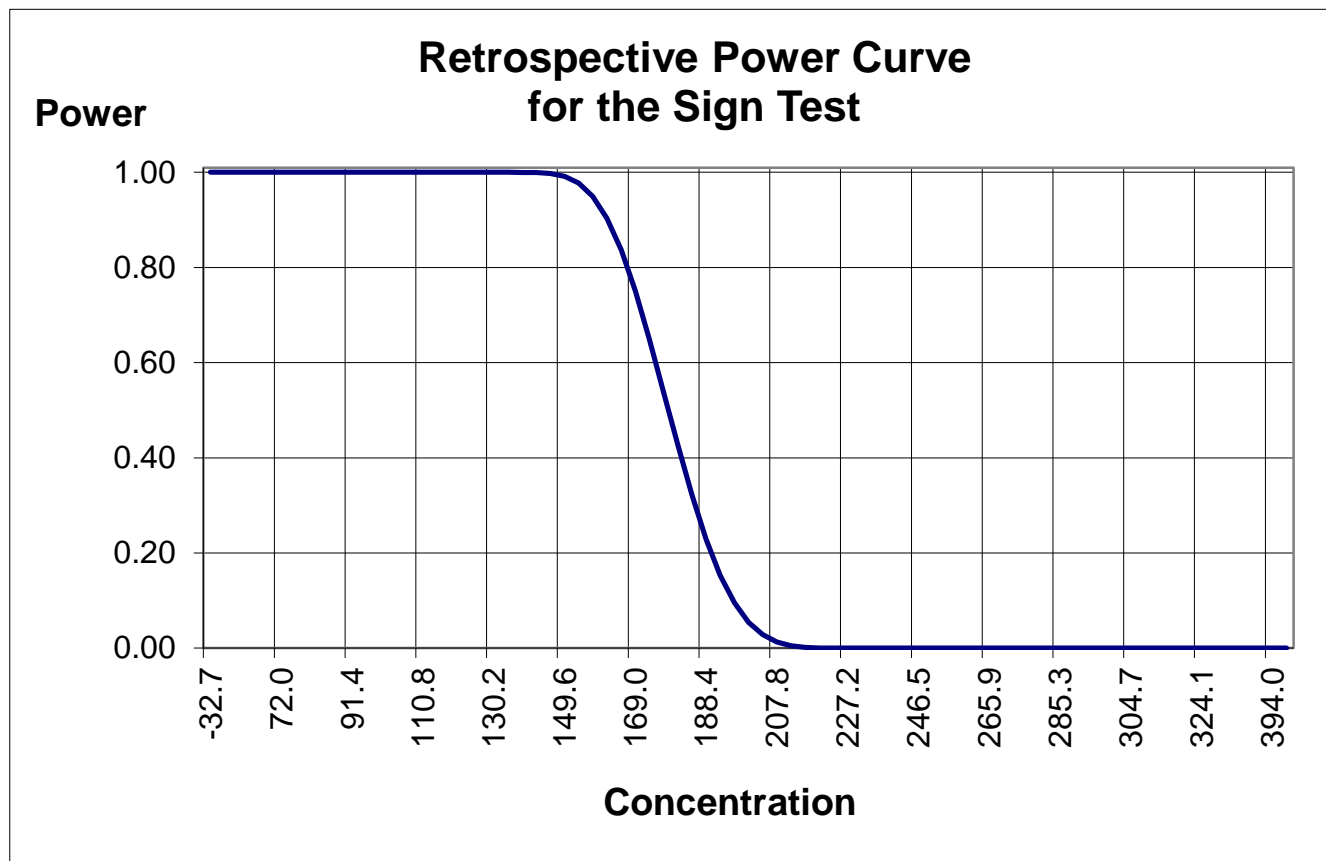
Survey Date:	4/1/2008	LBGR:	-0.7	Sign p:	1
SU/Test:	B-B15CFW	Sigma:	2.0	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	10.4	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15CFW, Removable Alpha



Survey Date:	4/1/2008	LBGR:	1.8	Sign p:	1
SU/Test:	B-B15CFW	Sigma:	38.8	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	5.1	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15CFW, Removable Beta



Survey Unit B-15C, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

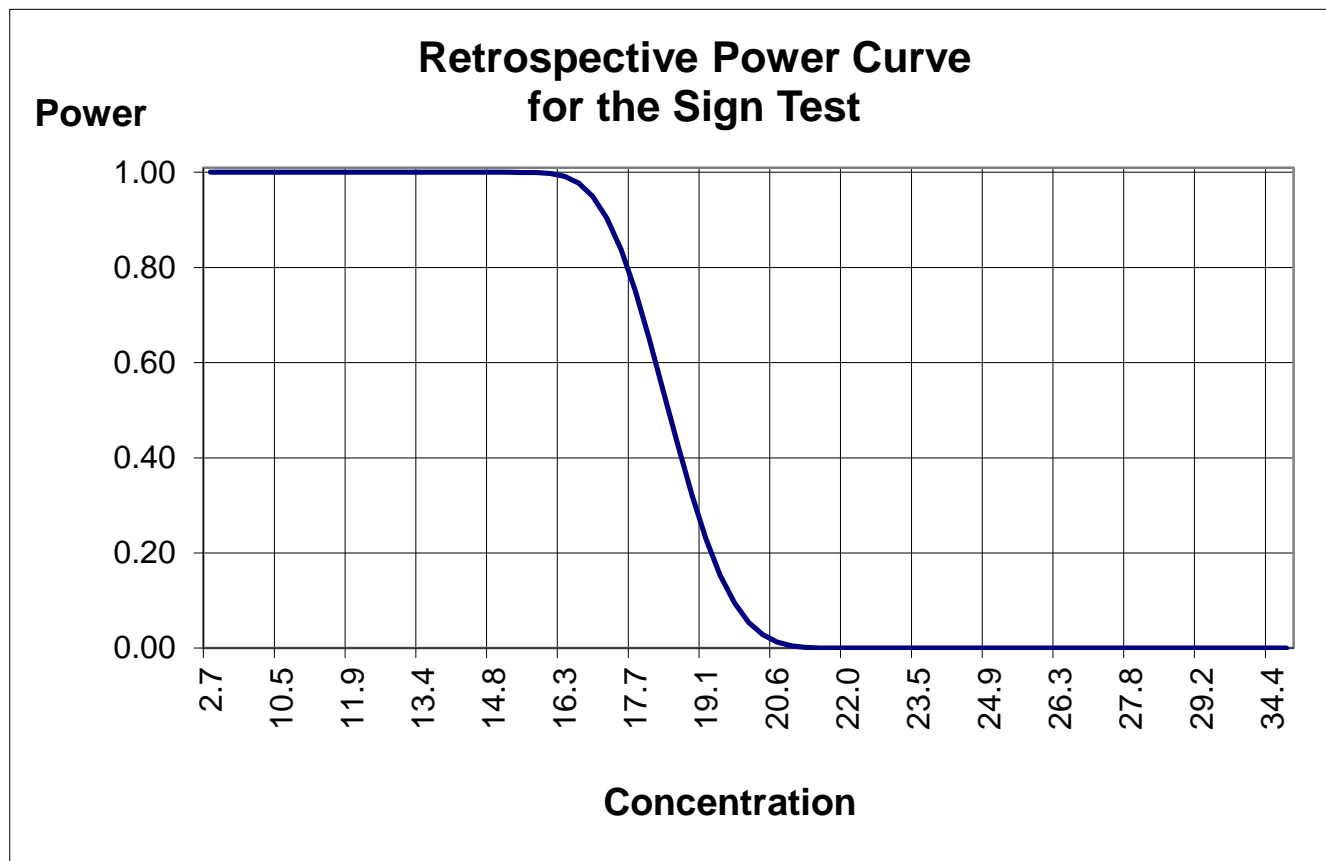
Survey Unit B-15C

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15C-1	4/1/2008	5	1390	0	61	0.3	69.5	0.00	61	-0.7	-30
2	B-B15C-2	4/1/2008	5	1390	1	71	0.3	69.5	1.00	71	2.1	5
3	B-B15C-3	4/1/2008	5	1390	2	65	0.3	69.5	2.00	65	4.9	-16
4	B-B15C-4	4/1/2008	5	1390	1	90	0.3	69.5	1.00	90	2.1	72
5	B-B15C-5	4/1/2008	5	1390	0	62	0.3	69.5	0.00	62	-0.7	-26
6	B-B15C-6	4/1/2008	5	1390	0	65	0.3	69.5	0.00	65	-0.7	-16
7	B-B15C-7	4/1/2008	5	1390	1	80	0.3	69.5	1.00	80	2.1	37
8	B-B15C-8	4/1/2008	5	1390	0	67	0.3	69.5	0.00	67	-0.7	-9
9	B-B15C-9	4/1/2008	5	1390	0	62	0.3	69.5	0.00	62	-0.7	-26
10	B-B15C-10	4/1/2008	5	1390	0	90	0.3	69.5	0.00	90	-0.7	72
11	B-B15C-11	4/1/2008	5	1390	0	82	0.3	69.5	0.00	82	-0.7	44
12	B-B15C-12	4/1/2008	5	1390	0	86	0.3	69.5	0.00	86	-0.7	58
13	B-B15C-13	4/1/2008	5	1390	0	82	0.3	69.5	0.00	82	-0.7	44
14	B-B15C-14	4/1/2008	5	1390	0	70	0.3	69.5	0.00	70	-0.7	2
15	B-B15C-15	4/1/2008	5	1390	2	59	0.3	69.5	2.00	59	4.9	-37
16	B-B15C-16	4/1/2008	5	1390	0	88	0.3	69.5	0.00	88	-0.7	65
17	B-B15C-17	4/1/2008	5	1390	1	69	0.3	69.5	1.00	69	2.1	-2

Mean	0.6	13.9
Median	-0.7	1.8
SD	2.0	38.8
Minimum	-0.7	-36.9
Maximum	4.9	72.0

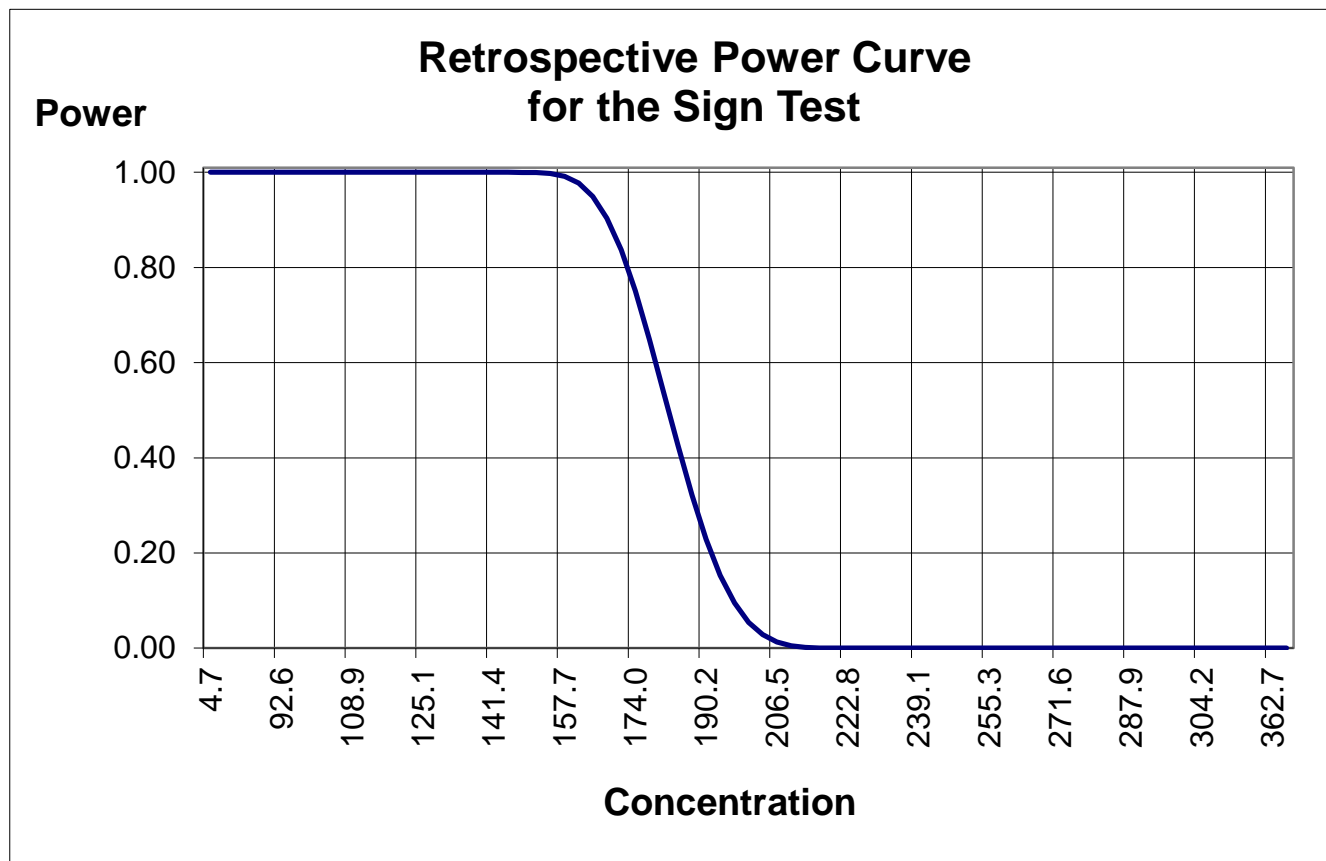
Survey Date:	4/1/2008	LBGR:	2.1	Sign p:	1
SU/Test:	B-B15CS	Sigma:	2.9	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	6.2	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15CS, Removable Alpha



Survey Date:	4/1/2008	LBGR:	12.3	Sign p:	1
SU/Test:	B-B15CS	Sigma:	32.5	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	5.8	Power:	1

Retrospective Power Curve for the Sign Test: SU B-B15CS, Removable Beta



Survey Unit B-15C-S, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

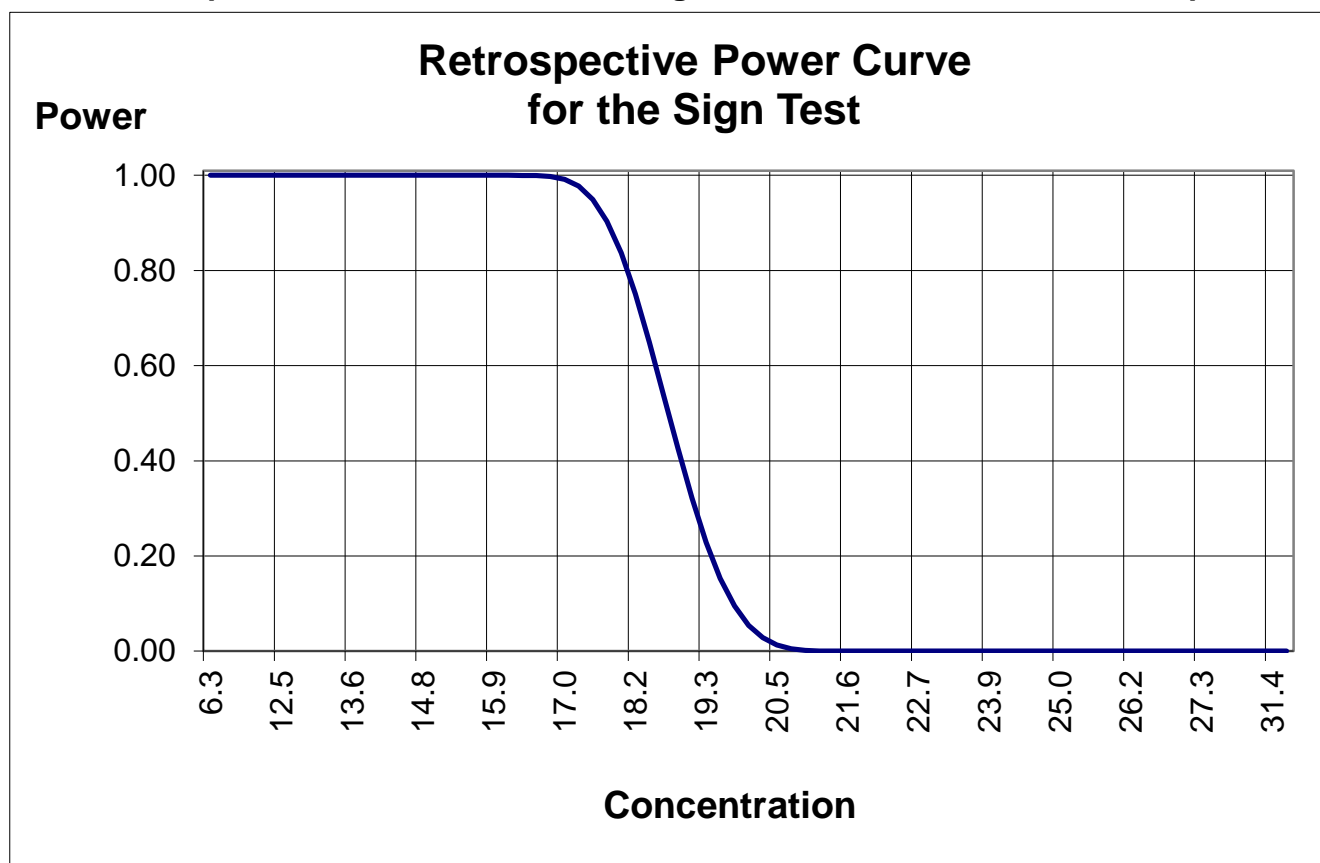
Survey Unit B-15C-S

Survey Unit B-15C-S												
	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	B-B15C-S-1	4/1/2008	5	1390	1	78	0.3	69.5	1.00	78	2.1	30
2	B-B15C-S-2	4/1/2008	5	1390	1	90	0.3	69.5	1.00	90	2.1	72
3	B-B15C-S-3	4/1/2008	5	1390	1	64	0.3	69.5	1.00	64	2.1	-19
4	B-B15C-S-4	4/1/2008	5	1390	1	66	0.3	69.5	1.00	66	2.1	-12
5	B-B15C-S-5	4/1/2008	5	1390	0	69	0.3	69.5	0.00	69	-0.7	-2
6	B-B15C-S-6	4/1/2008	5	1390	0	77	0.3	69.5	0.00	77	-0.7	26
7	B-B15C-S-7	4/1/2008	5	1390	0	90	0.3	69.5	0.00	90	-0.7	72
8	B-B15C-S-8	4/1/2008	5	1390	0	85	0.3	69.5	0.00	85	-0.7	54
9	B-B15C-S-9	4/1/2008	5	1390	1	69	0.3	69.5	1.00	69	2.1	-2
10	B-B15C-S-10	4/1/2008	5	1390	1	67	0.3	69.5	1.00	67	2.1	-9
11	B-B15C-S-11	4/1/2008	5	1390	2	70	0.3	69.5	2.00	70	4.9	2
12	B-B15C-S-12	4/1/2008	5	1390	0	81	0.3	69.5	0.00	81	-0.7	40
13	B-B15C-S-13	4/1/2008	5	1390	1	73	0.3	69.5	1.00	73	2.1	12
14	B-B15C-S-14	4/1/2008	5	1390	0	69	0.3	69.5	0.00	69	-0.7	-2
15	B-B15C-S-15	4/1/2008	5	1390	4	94	0.3	69.5	4.00	94	10.5	86
16	B-B15C-S-16	4/1/2008	5	1390	0	73	0.3	69.5	0.00	73	-0.7	12
17	B-B15C-S-17	4/1/2008	5	1390	0	71	0.3	69.5	0.00	71	-0.7	5

Mean	1.4	21.6
Median	2.1	12.3
SD	2.9	32.5
Minimum	-0.7	-19.3
Maximum	10.5	86.0

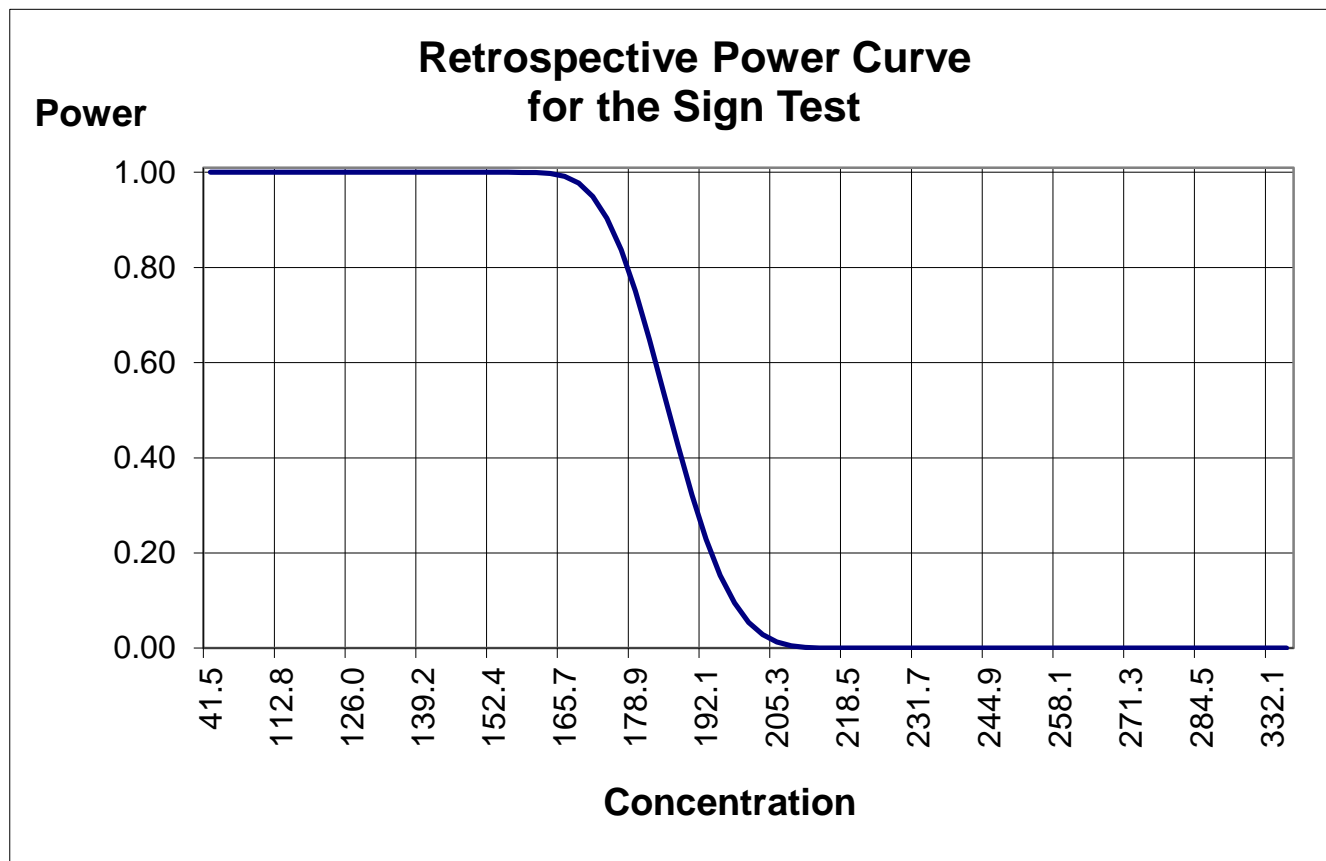
Survey Date:	11/28/2007	LBGR:	-1.0	Sign p:	1
SU/Test:	1-L1+2	Sigma:	2.3	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	2	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	9.2	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-L1+2, Removable Alpha



Survey Date:	11/28/2007	LBGR:	6.6	Sign p:	1
SU/Test:	1-L1+2	Sigma:	26.4	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	2	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	7.3	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-L1+2, Removable Beta



Survey Unit 1-L1+2, Class 2

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

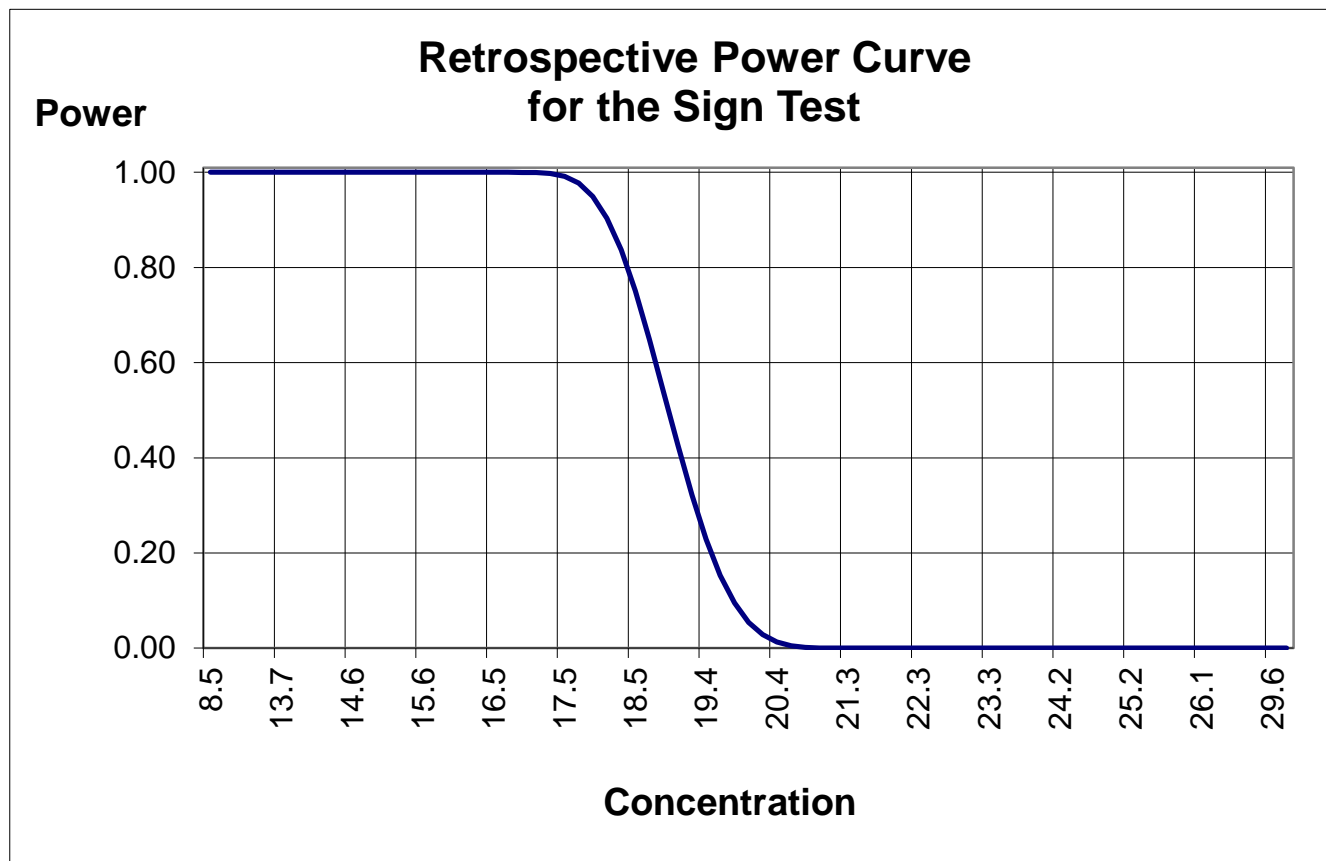
Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

Survey Unit 1-L1+2													
	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)		
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	
1	1-L1+2-1	11/28/2007	7	676	2	27	0.4	33.8	2.00	27	4.7	-37	
2	1-L1+2-2	11/28/2007	7	676	1	37	0.4	33.8	1.00	37	1.9	18	
3	1-L1+2-3	11/28/2007	7	676	1	36	0.4	33.8	1.00	36	1.9	12	
4	1-L1+2-4	11/28/2007	7	676	0	35	0.4	33.8	0.00	35	-1.0	7	
5	1-L1+2-5	11/28/2007	7	676	1	39	0.4	33.8	1.00	39	1.9	29	
6	1-L1+2-6	11/28/2007	7	676	0	32	0.4	33.8	0.00	32	-1.0	-10	
7	1-L1+2-7	11/28/2007	7	676	0	31	0.4	33.8	0.00	31	-1.0	-15	
8	1-L1+2-8	11/28/2007	7	676	1	36	0.4	33.8	1.00	36	1.9	12	
9	1-L1+2-9	11/28/2007	7	676	0	31	0.4	33.8	0.00	31	-1.0	-15	
10	1-L1+2-10	11/28/2007	7	676	0	44	0.4	33.8	0.00	44	-1.0	56	
11	1-L1+2-11	11/28/2007	7	676	0	32	0.4	33.8	0.00	32	-1.0	-10	
12	1-L1+2-12	11/28/2007	7	676	0	42	0.4	33.8	0.00	42	-1.0	45	
13	1-L1+2-13	11/28/2007	7	676	0	40	0.4	33.8	0.00	40	-1.0	34	
14	1-L1+2-14	11/28/2007	7	676	2	30	0.4	33.8	2.00	30	4.7	-21	
15	1-L1+2-15	11/28/2007	7	676	0	34	0.4	33.8	0.00	34	-1.0	1	
16	1-L1+2-16	11/28/2007	7	676	0	42	0.4	33.8	0.00	42	-1.0	45	
17	1-L1+2-17	11/28/2007	7	676	2	33	0.4	33.8	2.00	33	4.7	-4	
											Mean	0.7	8.6
											Median	-1.0	6.6
											SD	2.3	26.4
											Minimum	-1.0	-37.5
											Maximum	4.7	56.2

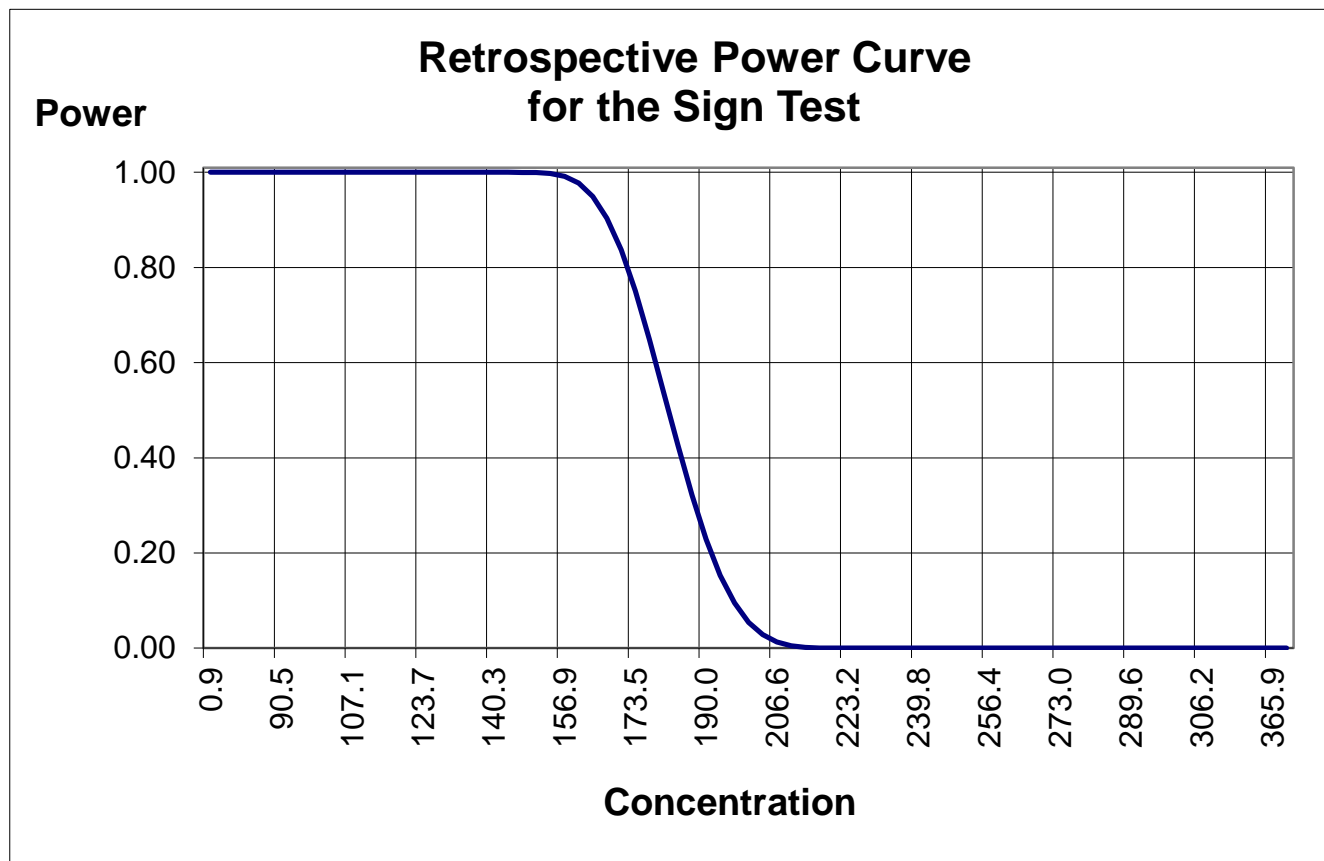
Survey Date:	11/29/2007	LBGR:	1.9	Sign p:	1
SU/Test:	1-Dust	Sigma:	1.9	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	9.5	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-Dust, Removable Alpha



Survey Date:	11/29/2007	LBGR:	-17.4	Sign p:	1
SU/Test:	1-Dust	Sigma:	33.2	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	6.6	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-Dust, Removable Beta



Survey Unit 1-Dust, Class 2

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

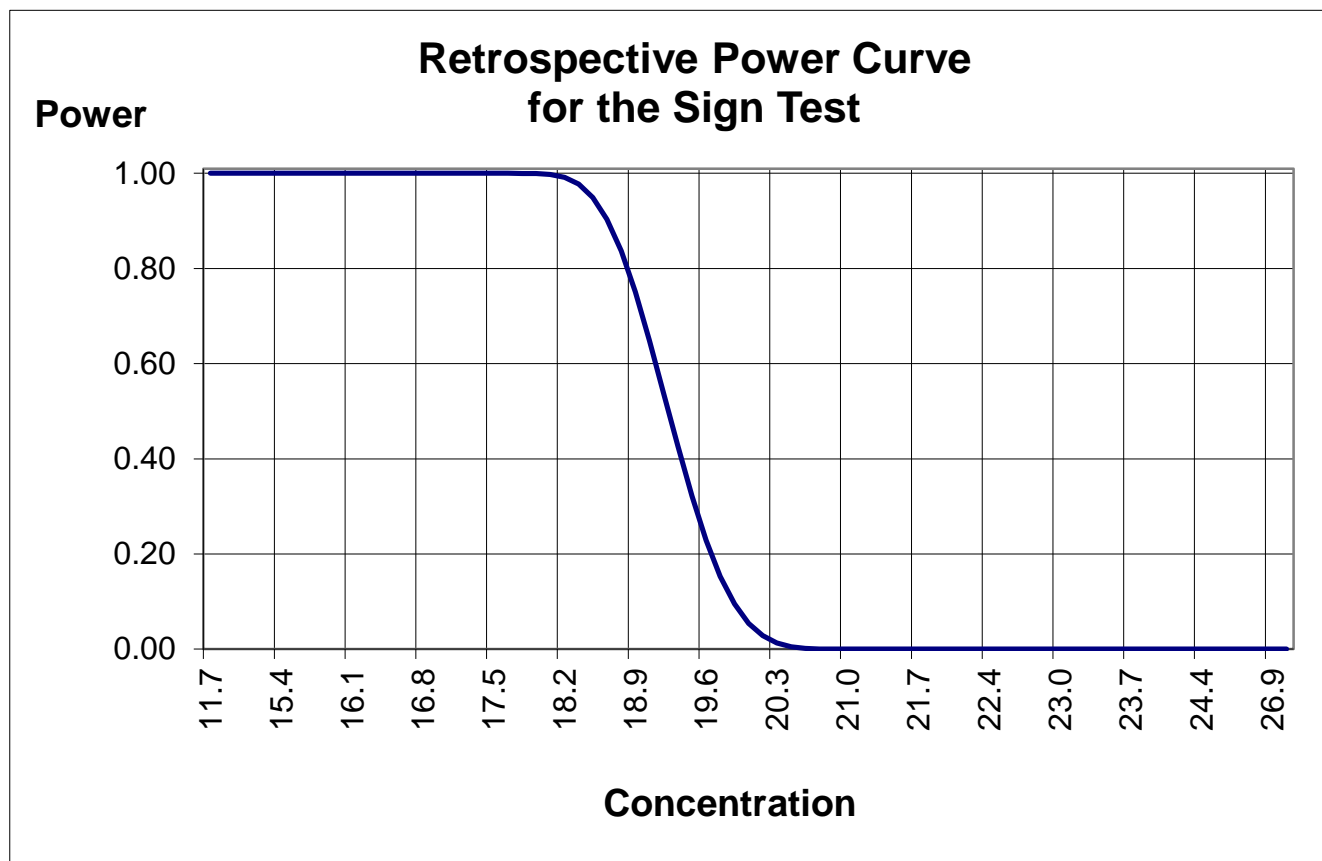
Survey Unit 1-Dust

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	1-Dust-1	11/29/2007	7	733	0	41	0.4	36.7	0.00	41	-1.0	24
2	1-Dust-2	11/29/2007	7	733	1	35	0.4	36.7	1.00	35	1.9	-9
3	1-Dust-3	11/29/2007	7	733	0	27	0.4	36.7	0.00	27	-1.0	-53
4	1-Dust-4	11/29/2007	7	733	1	32	0.4	36.7	1.00	32	1.9	-26
5	1-Dust-5	11/29/2007	7	733	1	30	0.4	36.7	1.00	30	1.9	-37
6	1-Dust-6	11/29/2007	7	733	1	25	0.4	36.7	1.00	25	1.9	-64
7	1-Dust-7	11/29/2007	7	733	1	41	0.4	36.7	1.00	41	1.9	24
8	1-Dust-8	11/29/2007	7	733	1	44	0.4	36.7	1.00	44	1.9	40
9	1-Dust-9	11/29/2007	7	733	2	39	0.4	36.7	2.00	39	4.7	13
10	1-Dust-10	11/29/2007	7	733	2	38	0.4	36.7	2.00	38	4.7	7
11	1-Dust-11	11/29/2007	7	733	1	31	0.4	36.7	1.00	31	1.9	-31
12	1-Dust-12	11/29/2007	7	733	2	32	0.4	36.7	2.00	32	4.7	-26

Mean	2.1	-11.4
Median	1.9	-17.4
SD	1.9	33.2
Minimum	-1.0	-64.2
Maximum	4.7	40.5

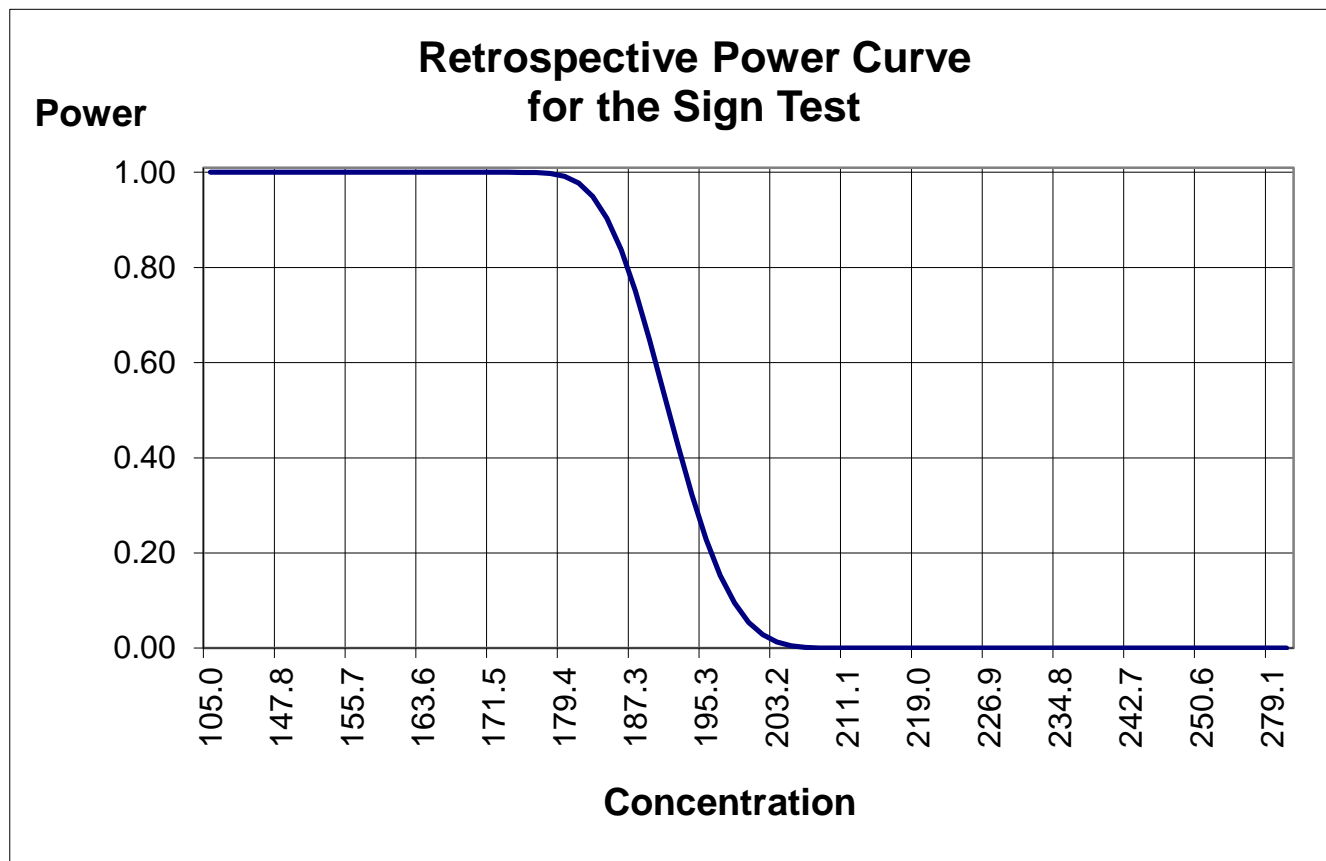
Survey Date:	12/2/2011	LBGR:	0.0	Sign p:	1
SU/Test:	1-R3	Sigma:	1.4	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	14.4	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-R3, Removable Alpha



Survey Date:	12/2/2011	LBGR:	-30.3	Sign p:	1
SU/Test:	1-R3	Sigma:	15.8	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	14.6	Power:	1

Retrospective Power Curve for the Sign Test: SU 1-R3, Removable Beta



Survey Unit 1-R3, Class 3

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

Instrument and Survey Information - Winter 2011 Survey

alpha eff.	beta eff.
0.3156	0.2308

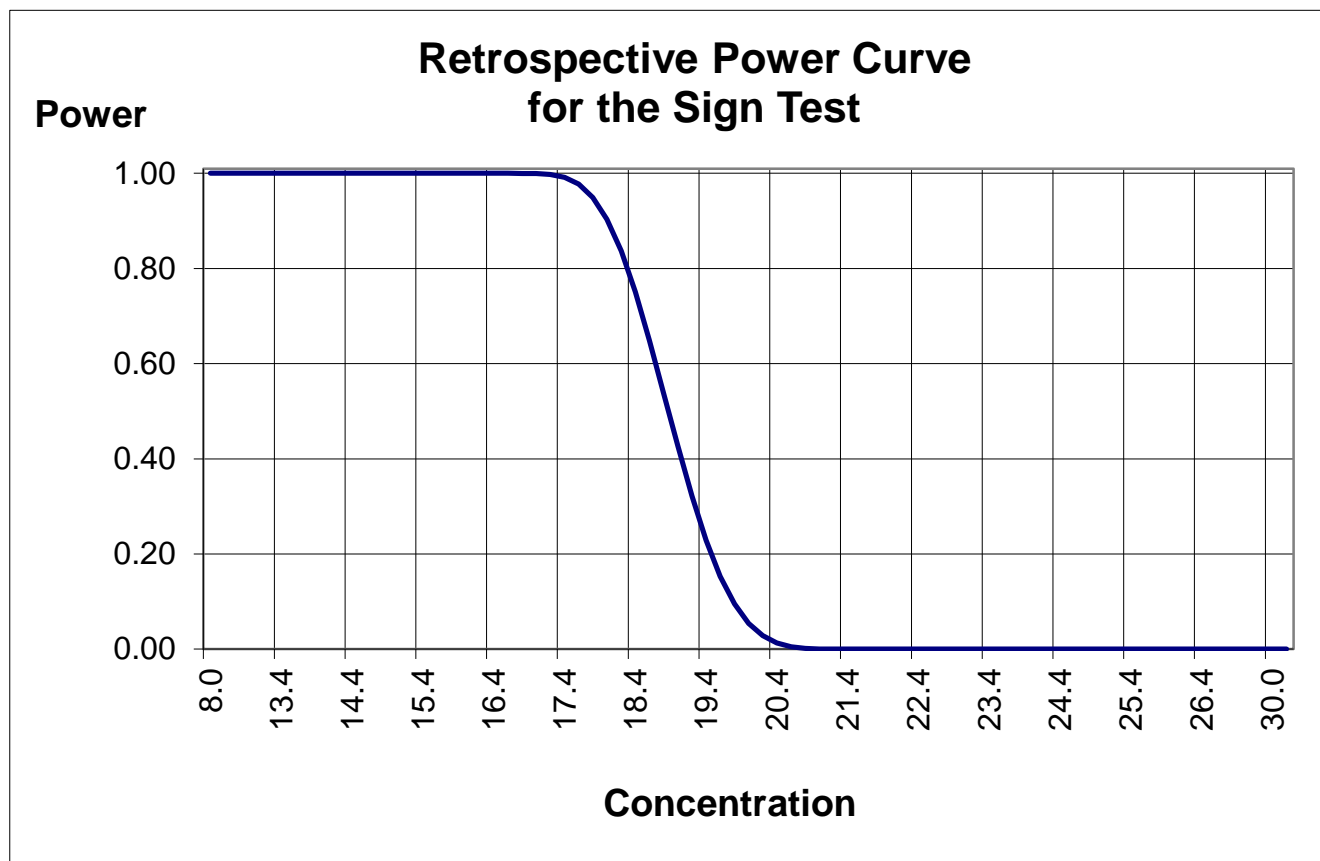
Sample Count Time (min)	Background Count Time (min)
1.0	1.0

Survey Unit 1-R3

Survey Unit 1-R3													
	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)		
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	
1	1-R3-1	12/2/2011	0	31	0	26	0.0	31.0	0.00	26	0.0	-22	
2	1-R3-2	12/2/2011	0	31	0	29	0.0	31.0	0.00	29	0.0	-11	
3	1-R3-3	12/2/2011	0	31	1	24	0.0	31.0	1.00	24	2.9	-39	
4	1-R3-4	12/2/2011	0	31	1	26	0.0	31.0	1.00	26	2.9	-28	
5	1-R3-7	12/2/2011	0	31	0	21	0.0	31.0	0.00	21	0.0	-55	
6	1-R3-8	12/2/2011	0	31	0	28	0.0	31.0	0.00	28	0.0	-17	
7	1-R3-9	12/2/2011	0	31	0	25	0.0	31.0	0.00	25	0.0	-33	
8	1-R3-10	12/2/2011	0	31	1	26	0.0	31.0	1.00	26	2.9	-28	
9	1-R3-11	12/2/2011	0	31	0	24	0.0	31.0	0.00	24	0.0	-39	
10	1-R3-12	12/2/2011	0	31	0	20	0.0	31.0	0.00	20	0.0	-61	
											Mean	0.9	-33.0
											Median	0.0	-30.3
											SD	1.4	15.8
											Minimum	0.0	-60.6
											Maximum	2.9	-11.0

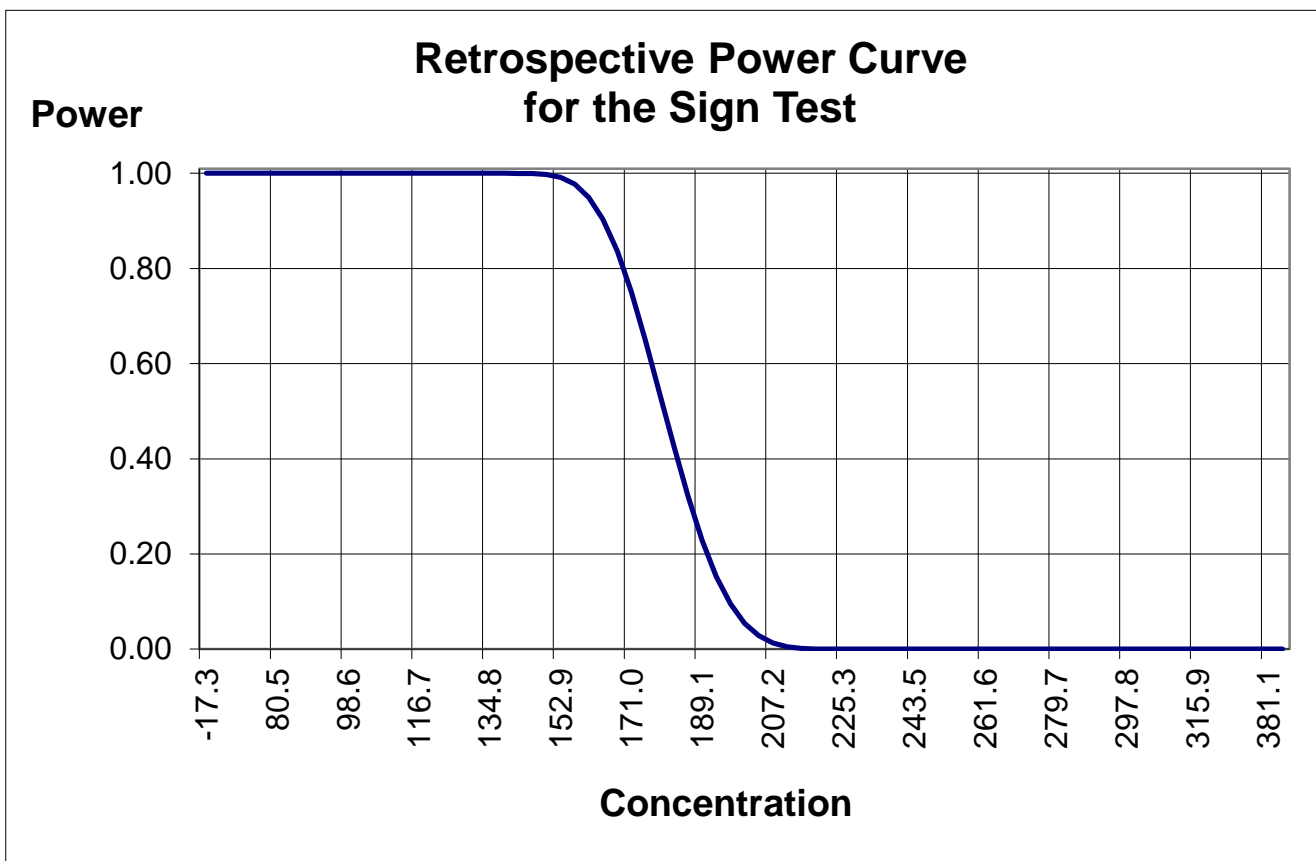
Survey Date:	3/24/2008	LBGR:	-1.4	Sign p:	1
SU/Test:	4-D29	Sigma:	2.0	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	10.7	Power:	1

Retrospective Power Curve for the Sign Test: SU 4-D29, Removable Alpha



Survey Date:	3/24/2008	LBGR:	-10.7	Sign p:	1
SU/Test:	4-D29	Sigma:	36.2	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	1	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	5.8	Power:	1

Retrospective Power Curve for the Sign Test: SU 4-D29, Removable Beta



Survey Unit 4-D29, Class 1

Instrument and Survey Information - Spring 2007 Survey

alpha eff.	beta eff.
0.3559	0.2437

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

alpha eff.	beta eff.
0.3487	0.1815

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

alpha eff.	beta eff.
0.3588	0.2849

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

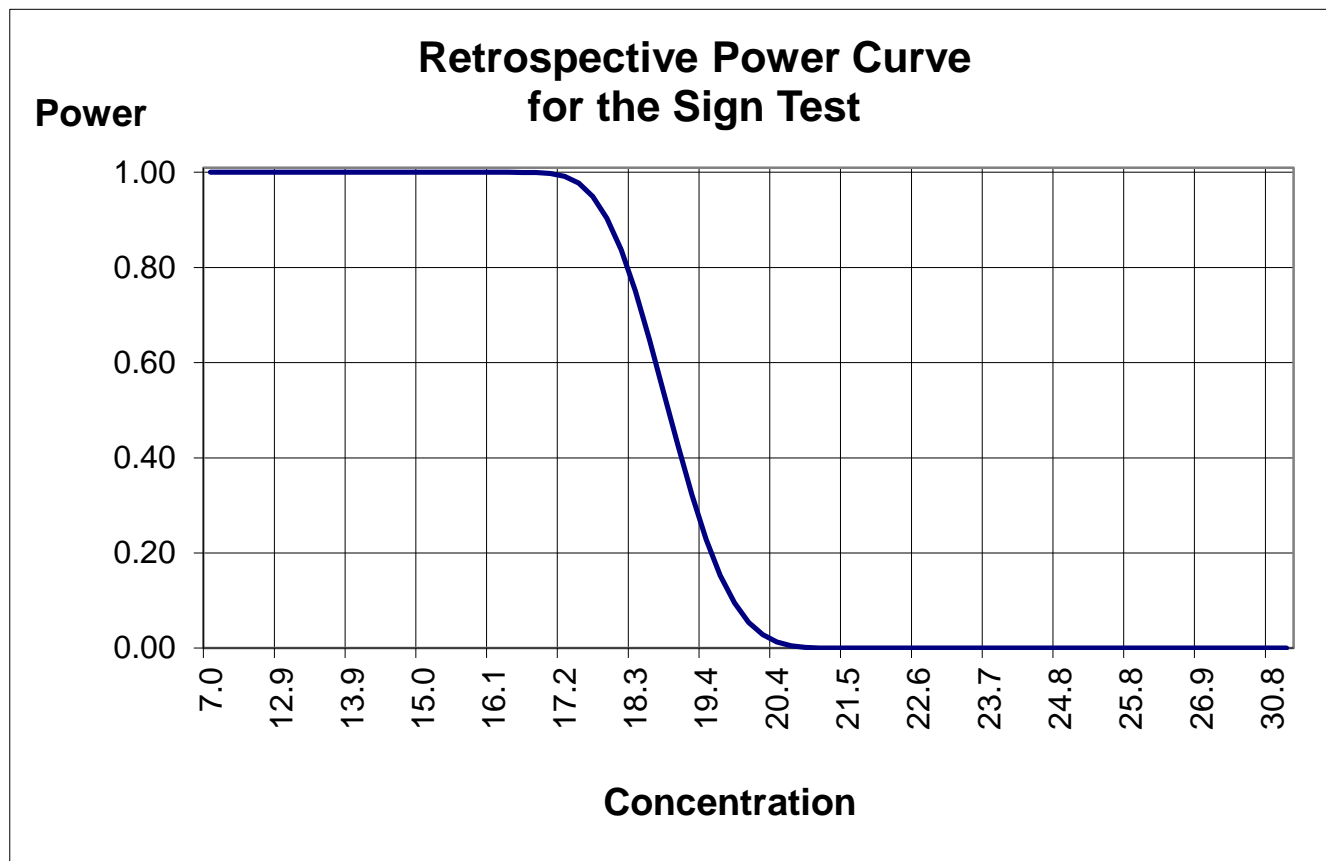
Survey Unit 4-D29

	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)	
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	4-D29-1	3/24/2008	10	1401	0	82	0.5	70.1	0.00	82	-1.4	42
2	4-D29-2	3/24/2008	10	1401	0	72	0.5	70.1	0.00	72	-1.4	7
3	4-D29-3	3/24/2008	10	1401	2	85	0.5	70.1	2.00	85	4.2	52
4	4-D29-4	3/24/2008	10	1401	0	50	0.5	70.1	0.00	50	-1.4	-70
5	4-D29-5	3/24/2008	10	1401	1	76	0.5	70.1	1.00	76	1.4	21
6	4-D29-6	3/24/2008	10	1401	0	66	0.5	70.1	0.00	66	-1.4	-14
7	4-D29-7	3/24/2008	10	1401	0	65	0.5	70.1	0.00	65	-1.4	-18
8	4-D29-8	3/24/2008	10	1401	1	72	0.5	70.1	1.00	72	1.4	7
9	4-D29-9	3/24/2008	10	1401	0	64	0.5	70.1	0.00	64	-1.4	-21
10	4-D29-10	3/24/2008	10	1401	1	76	0.5	70.1	1.00	76	1.4	21
11	4-D29-11	3/24/2008	10	1401	0	65	0.5	70.1	0.00	65	-1.4	-18
12	4-D29-12	3/24/2008	10	1401	1	67	0.5	70.1	1.00	67	1.4	-11
13	4-D29-13	3/24/2008	10	1401	0	68	0.5	70.1	0.00	68	-1.4	-7
14	4-D29-14	3/24/2008	10	1401	2	60	0.5	70.1	2.00	60	4.2	-35
15	4-D29-15	3/24/2008	10	1401	1	48	0.5	70.1	1.00	48	1.4	-77
16	4-D29-16	3/24/2008	10	1401	0	52	0.5	70.1	0.00	52	-1.4	-63
17	4-D29-17	3/24/2008	10	1401	0	67	0.5	70.1	0.00	67	-1.4	-11

Mean	0.1	-11.5
Median	-1.4	-10.7
SD	2.0	36.2
Minimum	-1.4	-77.4
Maximum	4.2	52.5

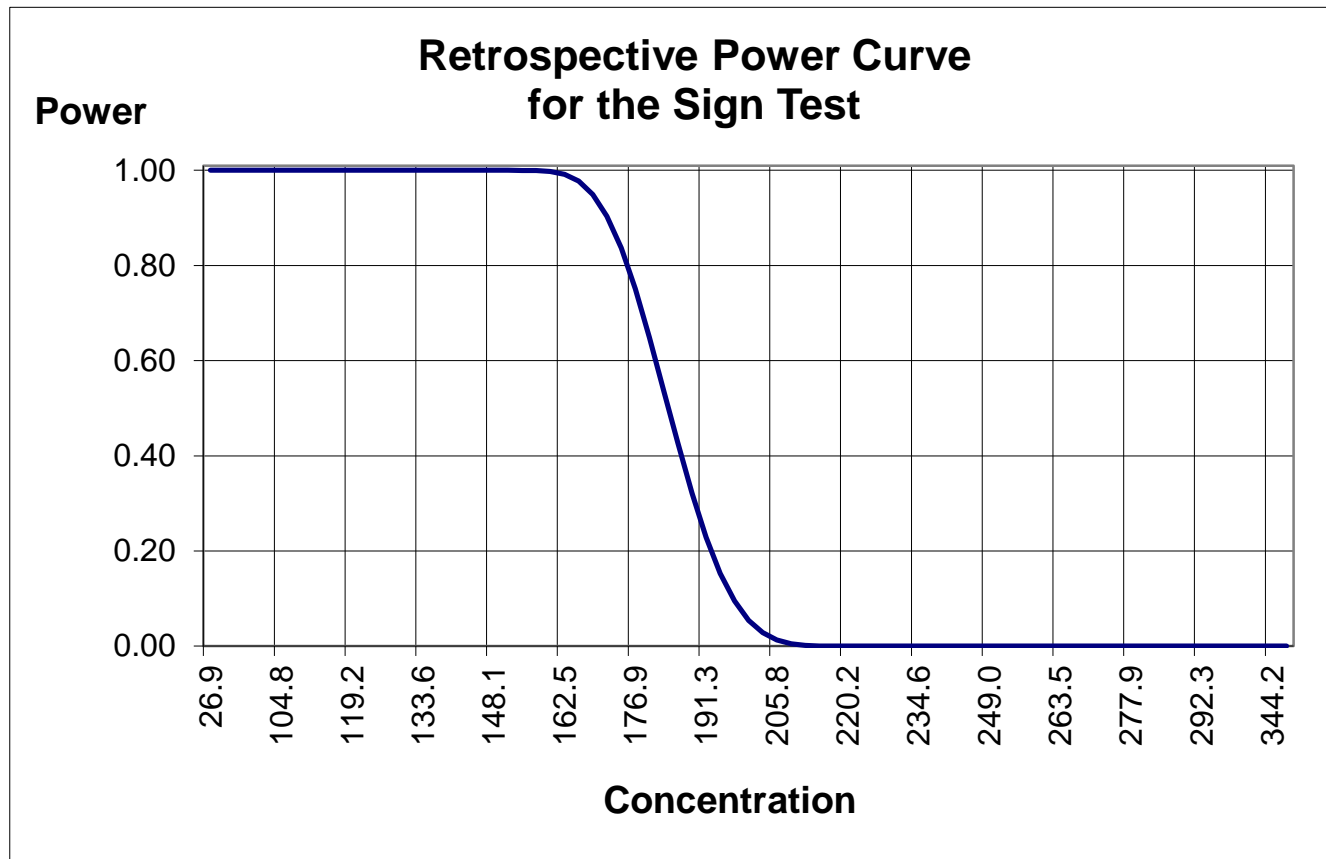
Survey Date:	10/18/2007	LBGR:	-0.4	Sign p:	1
SU/Test:	Roof-1	Sigma:	2.2	N (Table 5.5):	14
Radioactivity Type:	Removable Alpha	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	20	Relative Shift:	9.4	Power:	1

Retrospective Power Curve for the Sign Test: SU Roof-1, Removable Alpha



Survey Date:	10/18/2007	LBGR:	5.2	Sign p:	1
SU/Test:	Roof-1	Sigma:	28.8	N (Table 5.5):	14
Radioactivity Type:	Removable Beta	Alpha:	0.05	N (calculated):	10.8
MARSSIM Class:	3	Beta:	0.05	S+:	10
DCGL _w :	200	Relative Shift:	6.8	Power:	1

Retrospective Power Curve for the Sign Test: SU Roof-1, Removable Beta



Survey Unit Roof-1, Class 3

Instrument and Survey Information - Spring 2007 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Instrument and Survey Information - Fall 2007 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit alpha dpm/100 cm ²
20

Instrument and Survey Information - Spring 2008 Survey

Sample Count Time (min)	Background Count Time (min)
1.0	20.0

Removable Limit beta dpm/100 cm ²
200

Survey Unit 4-D29

Survey Unit 4-D29													
	ID	Date	Background Counts		Sample Counts		Background cpm		Sample cpm		Sample (dpm/100 cm ²)		
			alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	
1	Rooftop-D1B1	10/18/2007	3	651	1	23	0.2	32.6	1.00	23	2.4	-53	
2	Rooftop-D1B2	10/18/2007	3	651	0	40	0.2	32.6	0.00	40	-0.4	41	
3	Rooftop-D1B3	10/18/2007	3	651	0	34	0.2	32.6	0.00	34	-0.4	8	
4	Rooftop-D1B4	10/18/2007	3	651	0	28	0.2	32.6	0.00	28	-0.4	-25	
5	Rooftop-D1B5	10/18/2007	3	651	0	31	0.2	32.6	0.00	31	-0.4	-9	
6	Rooftop-D1B6	10/18/2007	3	651	0	32	0.2	32.6	0.00	32	-0.4	-3	
7	Rooftop-D1B7	10/18/2007	3	651	0	41	0.2	32.6	0.00	41	-0.4	47	
8	Rooftop-D1B8	10/18/2007	3	651	1	28	0.2	32.6	1.00	28	2.4	-25	
9	Rooftop-D1B9	10/18/2007	3	651	0	39	0.2	32.6	0.00	39	-0.4	36	
10	Rooftop-D2B1	10/18/2007	3	651	0	31	0.2	32.6	0.00	31	-0.4	-9	
11	Rooftop-D2B2	10/18/2007	3	651	1	32	0.2	32.6	1.00	32	2.4	-3	
12	Rooftop-D2B3	10/18/2007	3	651	3	30	0.2	32.6	3.00	30	8.2	-14	
13	Rooftop-D2B4	10/18/2007	3	651	0	35	0.2	32.6	0.00	35	-0.4	13	
14	Rooftop-D2B5	10/18/2007	3	651	0	44	0.2	32.6	0.00	44	-0.4	63	
15	Rooftop-D3B1	10/18/2007	3	651	0	39	0.2	32.6	0.00	39	-0.4	36	
16	Rooftop-D3B2	10/18/2007	3	651	1	31	0.2	32.6	1.00	31	2.4	-9	
17	Rooftop-D3B3	10/18/2007	3	651	0	34	0.2	32.6	0.00	34	-0.4	8	
18	Rooftop-D3B4	10/18/2007	3	651	0	40	0.2	32.6	0.00	40	-0.4	41	
19	Rooftop-D3B5	10/18/2007	3	651	0	33	0.2	32.6	0.00	33	-0.4	2	
20	Rooftop-D3B6	10/18/2007	3	651	1	36	0.2	32.6	1.00	36	2.4	19	
											Mean	0.7	8.3
											Median	-0.4	5.2
											SD	2.2	28.8
											Minimum	-0.4	-52.6
											Maximum	8.2	63.1