

Appendix A – Radiated and Conducted Emissions Measurement Data

A.1 Conducted Emissions Data

Conducted emissions limits do not apply to this Access BPL equipment

A.2 Radiated Emissions Data

A.2.1 1.705 MHz to 30 MHz Low Band MV

Date: March 5, 2009
 EUT: CURRENT Gateway-Bridge OH 6030 (S/N: 2314A1D900021512)
 Location: CURRENT Group Orchard Hills Test Area – Riser Pole (North Potomac, Maryland)
 Mode: Low Band MV Active (transmitting MV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
15.43	0°	1	43.53	3	-24.7	18.83	29.5	-10.67
15.04	0°	1	43.48	3	-24.7	18.78	29.5	-10.72
18.95	0°	1	43.19	3	-24.7	18.49	29.5	-11.01
19.14	0°	1	43.07	3	-24.7	18.37	29.5	-11.13
4.88	22.5°	1	44.05	3	-24.7	19.35	29.5	-10.15
19.73	22.5°	1	43.68	3	-24.7	18.98	29.5	-10.52
15.43	22.5°	1	43.67	3	-24.7	18.97	29.5	-10.53
19.14	22.5°	1	42.97	3	-24.7	18.27	29.5	-11.23
11.72	45°	1	44.89	3	-24.7	20.19	29.5	-9.31
18.36	45°	1	44.53	3	-24.7	19.83	29.5	-9.67
19.14	45°	1	44.50	3	-24.7	19.80	29.5	-9.70
18.75	45°	1	44.36	3	-24.7	19.66	29.5	-9.84
19.14	67.5°	1	47.71	3	-24.7	23.01	29.5	-6.49
18.95	67.5°	1	44.39	3	-24.7	19.69	29.5	-9.81
18.36	67.5°	1	44.15	3	-24.7	19.45	29.5	-10.05
18.55	67.5°	1	43.73	3	-24.7	19.03	29.5	-10.47
18.95	90°	1	45.08	3	-24.7	20.38	29.5	-9.12
19.14	90°	1	46.34	3	-24.7	21.64	29.5	-7.86
18.75	90°	1	46.09	3	-24.7	21.39	29.5	-8.11
19.34	90°	1	45.37	3	-24.7	20.67	29.5	-8.83
19.14	112.5°	1	49.75	3	-24.7	25.05	29.5	-4.45
19.34	112.5°	1	49.19	3	-24.7	24.49	29.5	-5.01
18.36	112.5°	1	48.55	3	-24.7	23.85	29.5	-5.65

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
18.95	112.5°	1	48.11	3	-24.7	23.41	29.5	-6.09
19.14	135°	1	49.92	3	-24.7	25.22	29.5	-4.28
19.34	135°	1	48.74	3	-24.7	24.04	29.5	-5.46
18.75	135°	1	48.23	3	-24.7	23.53	29.5	-5.97
18.55	135°	1	47.47	3	-24.7	22.77	29.5	-6.73
19.14	157.5°	1	46.97	3	-24.7	22.27	29.5	-7.23
8.20	157.5°	1	45.19	3	-24.7	20.49	29.5	-9.01
19.53	157.5°	1	44.46	3	-24.7	19.76	29.5	-9.74
8.59	157.5°	1	44.37	3	-24.7	19.67	29.5	-9.83
12.11	180°	1	40.46	5	-22.4	18.06	29.5	-11.44
19.14	180°	1	39.50	5	-22.4	17.10	29.5	-12.40
12.70	180°	1	39.43	5	-22.4	17.03	29.5	-12.47
8.59	180°	1	39.16	5	-22.4	16.76	29.5	-12.74
11.91	202.5°	1	41.22	5	-22.4	18.82	29.5	-10.68
12.30	202.5°	1	40.27	5	-22.4	17.87	29.5	-11.63
11.52	202.5°	1	40.10	5	-22.4	17.70	29.5	-11.80
12.89	202.5°	1	39.45	5	-22.4	17.05	29.5	-12.45
9.38	225°	1	43.33	5	-22.4	20.93	29.5	-8.57
11.72	225°	1	40.93	5	-22.4	18.53	29.5	-10.97
4.88	225°	1	40.19	5	-22.4	17.79	29.5	-11.71
12.30	225°	1	39.83	5	-22.4	17.43	29.5	-12.07
11.91	247.5°	1	38.86	3	-24.7	14.16	29.5	-15.34
12.30	247.5°	1	41.11	3	-24.7	16.41	29.5	-13.09
7.62	247.5°	1	39.89	3	-24.7	15.19	29.5	-14.31
11.14	247.5°	1	39.20	3	-24.7	14.50	29.5	-15.00
5.08	270°	1	42.05	3	-24.7	17.35	29.5	-12.15
11.91	270°	1	41.73	3	-24.7	17.03	29.5	-12.47
19.14	270°	1	41.51	3	-24.7	16.81	29.5	-12.69
4.49	270°	1	40.67	3	-24.7	15.97	29.5	-13.53
19.14	292.5°	1	41.63	3	-24.7	16.93	29.5	-12.57
18.75	292.5°	1	41.03	3	-24.7	16.33	29.5	-13.17
18.95	292.5°	1	40.57	3	-24.7	15.87	29.5	-13.63
16.02	292.5°	1	40.03	3	-24.7	15.33	29.5	-14.17
19.14	315°	1	44.86	3	-24.7	20.16	29.5	-9.34
18.75	315°	1	43.57	3	-24.7	18.87	29.5	-10.63
18.55	315°	1	43.00	3	-24.7	18.30	29.5	-11.20

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
18.36	315°	1	42.47	3	-24.7	17.77	29.5	-11.73
15.82	337.5°	1	44.69	3	-24.7	19.99	29.5	-9.51
19.34	337.5°	1	44.58	3	-24.7	19.88	29.5	-9.62
19.14	337.5°	1	44.07	3	-24.7	19.37	29.5	-10.13
15.234	337.5°	1	44.06	3	-24.7	19.36	29.5	-10.14

Date: March 9, 2009

EUT: CURRENT Gateway-Bridge OH 6030 (S/N: 2314A2C900021448)

Location: CURRENT Group Test and Research Site (Urbana, Maryland) Pole 1

Mode: Low Band MV Active (transmitting MV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
12.70	0°	1	47.49	3	-26.3	21.19	29.5	-8.31
9.38	0°	1	51.21	3	-26.3	24.91	29.5	-4.59
4.49	0°	1	47.93	3	-26.3	21.63	29.5	-7.87
12.89	0°	1	47.75	3	-26.3	21.45	29.5	-8.05
8.40	22.5°	1	47.79	3	-26.3	21.49	29.5	-8.01
12.89	22.5°	1	46.66	3	-26.3	20.36	29.5	-9.14
13.09	22.5°	1	46.26	3	-26.3	19.96	29.5	-9.54
17.58	22.5°	1	45.84	3	-26.3	19.54	29.5	-9.96
12.11	45°	1	49.64	3	-26.3	23.34	29.5	-6.16
8.01	45°	1	48.27	3	-26.3	21.97	29.5	-7.53
11.52	45°	1	47.73	3	-26.3	21.43	29.5	-8.07
8.40	45°	1	47.10	3	-26.3	20.80	29.5	-8.70
8.01	67.5°	1	48.39	3	-26.3	22.09	29.5	-7.41
12.89	67.5°	1	48.34	3	-26.3	22.04	29.5	-7.46
8.20	67.5°	1	47.16	3	-26.3	20.86	29.5	-8.64
16.80	67.5°	1	46.93	3	-26.3	20.63	29.5	-8.87
16.80	90°	1	47.55	3	-26.3	21.25	29.5	-8.25
17.58	90°	1	47.18	3	-26.3	20.88	29.5	-8.62
8.01	90°	1	46.31	3	-26.3	20.01	29.5	-9.49
16.60	90°	1	45.58	3	-26.3	19.28	29.5	-10.22
16.80	112.5°	1	49.21	3	-26.3	22.91	29.5	-6.59

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
19.14	112.5°	1	46.75	3	-26.3	20.45	29.5	-9.05
13.09	112.5°	1	46.68	3	-26.3	20.38	29.5	-9.12
8.20	112.5°	1	46.57	3	-26.3	20.27	29.5	-9.23
10.35	135°	1	49.03	3	-26.3	22.73	29.5	-6.77
17.77	135°	1	47.64	3	-26.3	21.34	29.5	-8.16
8.40	135°	1	47.52	3	-26.3	21.22	29.5	-8.28
16.80	135°	1	47.14	3	-26.3	20.84	29.5	-8.66
17.77	157.5°	1	49.21	3	-26.3	22.91	29.5	-6.59
11.52	157.5°	1	48.01	3	-26.3	21.71	29.5	-7.79
8.59	157.5°	1	47.11	3	-26.3	20.81	29.5	-8.69
13.09	157.5°	1	46.85	3	-26.3	20.55	29.5	-8.95
8.40	180°	1	45.48	5	-23.5	21.98	29.5	-7.52
10.35	180°	1	45.41	5	-23.5	21.91	29.5	-7.59
17.77	180°	1	44.89	5	-23.5	21.39	29.5	-8.11
8.59	180°	1	44.74	5	-23.5	21.24	29.5	-8.26
8.40	202.5°	1	46.40	5	-23.5	22.90	29.5	-6.60
8.20	202.5°	1	45.09	5	-23.5	21.59	29.5	-7.91
19.34	202.5°	1	45.05	5	-23.5	21.55	29.5	-7.95
17.58	202.5°	1	44.69	5	-23.5	21.19	29.5	-8.31
19.14	225°	1	48.01	5	-23.5	24.51	29.5	-4.99
17.77	225°	1	47.88	5	-23.5	24.38	29.5	-5.12
19.34	225°	1	46.71	5	-23.5	23.21	29.5	-6.29
19.53	225°	1	46.62	5	-23.5	23.12	29.5	-6.38
19.34	247.5°	1	51.24	3	-26.3	24.94	29.5	-4.56
18.95	247.5°	1	49.68	3	-26.3	23.38	29.5	-6.12
17.77	247.5°	1	49.39	3	-26.3	23.09	29.5	-6.41
19.14	247.5°	1	49.06	3	-26.3	22.76	29.5	-6.74
16.80	270°	1	50.79	3	-26.3	24.49	29.5	-5.01
19.53	270°	1	50.43	3	-26.3	24.13	29.5	-5.37
17.77	270°	1	49.73	3	-26.3	23.43	29.5	-6.07
18.36	270°	1	49.46	3	-26.3	23.16	29.5	-6.34
17.77	292.5°	1	50.34	3	-26.3	24.04	29.5	-5.46
19.14	292.5°	1	50.04	3	-26.3	23.74	29.5	-5.76
16.80	292.5°	1	49.45	3	-26.3	23.15	29.5	-6.35
20.12	292.5°	1	49.23	3	-26.3	22.93	29.5	-6.57
8.01	315°	1	47.72	3	-26.3	21.42	29.5	-8.08

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dB μ V/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dB μ V/m)	30m Limit (dB μ V/m)	Margin (dB)
16.80	315°	1	47.05	3	-26.3	20.75	29.5	-8.75
8.40	315°	1	47.43	3	-26.3	21.13	29.5	-8.37
17.77	315°	1	47.31	3	-26.3	21.01	29.5	-8.49
8.59	337.5°	1	50.24	3	-26.3	23.94	29.5	-5.56
13.09	337.5°	1	49.74	3	-26.3	23.44	29.5	-6.06
13.67	337.5°	1	47.66	3	-26.3	21.36	29.5	-8.14
16.796	337.5°	1	47.39	3	-26.3	21.09	29.5	-8.41

Date: March 9, 2009

EUT: CURRENT Gateway-Bridge OH 6030 (S/N: 2314A2C900021448)

Location: CURRENT Group Test and Research Site (Urbana, Maryland) Pole 3

Mode: Low Band MV Active (transmitting MV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dB μ V/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dB μ V/m)	30m Limit (dB μ V/m)	Margin (dB)
20.31	0°	1	50.06	3	-27	23.06	29.5	-6.44
19.14	0°	1	50.31	3	-27	23.31	29.5	-6.19
20.70	0°	1	51.04	3	-27	24.04	29.5	-5.46
20.51	0°	1	52.01	3	-27	25.01	29.5	-4.49
16.02	22.5°	1	49.50	3	-27	22.50	29.5	-7.00
19.14	22.5°	1	49.97	3	-27	22.97	29.5	-6.53
20.70	22.5°	1	53.32	3	-27	26.32	29.5	-3.18
20.51	22.5°	1	53.21	3	-27	26.21	29.5	-3.29
19.14	45°	1	49.63	3	-27	22.63	29.5	-6.87
16.02	45°	1	49.76	3	-27	22.76	29.5	-6.74
20.70	45°	1	51.78	3	-27	24.78	29.5	-4.72
20.51	45°	1	52.21	3	-27	25.21	29.5	-4.29
16.21	67.5°	1	49.65	3	-27	22.65	29.5	-6.85
20.51	67.5°	1	49.67	3	-27	22.67	29.5	-6.83
16.02	67.5°	1	50.57	3	-27	23.57	29.5	-5.93
20.70	67.5°	1	51.09	3	-27	24.09	29.5	-5.41
11.91	90°	1	48.07	3	-27	21.07	29.5	-8.43

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
15.82	90°	1	48.27	3	-27	21.27	29.5	-8.23
20.70	90°	1	48.91	3	-27	21.91	29.5	-7.59
16.02	90°	1	50.25	3	-27	23.25	29.5	-6.25
19.92	112.5°	1	48.76	3	-27	21.76	29.5	-7.74
20.31	112.5°	1	50.21	3	-27	23.21	29.5	-6.29
20.51	112.5°	1	50.27	3	-27	23.27	29.5	-6.23
20.70	112.5°	1	52.88	3	-27	25.88	29.5	-3.62
20.12	135°	1	50.64	3	-27	23.64	29.5	-5.86
20.31	135°	1	51.65	3	-27	24.65	29.5	-4.85
19.14	135°	1	51.88	3	-27	24.88	29.5	-4.62
20.70	135°	1	53.32	3	-27	26.32	29.5	-3.18
20.31	157.5°	1	52.61	3	-27	25.61	29.5	-3.89
19.14	157.5°	1	53.45	3	-27	26.45	29.5	-3.05
20.70	157.5°	1	52.21	3	-27	25.21	29.5	-4.29
20.51	157.5°	1	52.11	3	-27	25.11	29.5	-4.39
19.14	180°	1	50.28	5	-24.1	26.18	29.5	-3.32
20.12	180°	1	50.32	5	-24.1	26.22	29.5	-3.28
20.51	180°	1	49.12	5	-24.1	25.02	29.5	-4.48
20.70	180°	1	49.12	5	-24.1	25.02	29.5	-4.48
20.31	202.5°	1	47.94	5	-24.1	23.84	29.5	-5.66
20.51	202.5°	1	48.00	5	-24.1	23.90	29.5	-5.60
19.14	202.5°	1	48.86	5	-24.1	24.76	29.5	-4.74
20.70	202.5°	1	49.13	5	-24.1	25.03	29.5	-4.47
20.12	225°	1	47.99	5	-24.1	23.89	29.5	-5.61
20.51	225°	1	49.78	5	-24.1	25.68	29.5	-3.82
20.70	225°	1	50.07	5	-24.1	25.97	29.5	-3.53
19.14	225°	1	49.78	5	-24.1	25.68	29.5	-3.82
9.18	247.5°	1	46.79	3	-27	19.79	29.5	-9.71
13.67	247.5°	1	47.03	3	-27	20.03	29.5	-9.47
11.72	247.5°	1	47.30	3	-27	20.30	29.5	-9.20
19.14	247.5°	1	47.88	3	-27	20.88	29.5	-8.62
9.18	270°	1	49.09	3	-27	22.09	29.5	-7.41
20.12	270°	1	49.35	3	-27	22.35	29.5	-7.15
4.49	270°	1	49.60	3	-27	22.60	29.5	-6.90
11.52	270°	1	50.27	3	-27	23.27	29.5	-6.23
4.49	292.5°	1	47.54	3	-27	20.54	29.5	-8.96

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dB μ V/m)	Measurement Distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dB μ V/m)	30m Limit (dB μ V/m)	Margin (dB)
20.51	292.5°	1	48.44	3	-27	21.44	29.5	-8.06
11.72	292.5°	1	48.51	3	-27	21.51	29.5	-7.99
20.70	292.5°	1	52.25	3	-27	25.25	29.5	-4.25
20.70	315°	1	46.52	3	-27	19.52	29.5	-9.98
4.49	315°	1	46.87	3	-27	19.87	29.5	-9.63
20.51	315°	1	48.68	3	-27	21.68	29.5	-7.82
20.70	315°	1	49.77	3	-27	22.77	29.5	-6.73
20.31	337.5°	1	50.28	3	-27	23.28	29.5	-6.22
19.14	337.5°	1	50.68	3	-27	23.68	29.5	-5.82
20.51	337.5°	1	51.28	3	-27	24.28	29.5	-5.22
20.703	337.5°	1	53.12	3	-27	26.12	29.5	-3.38

A.2.2 1.705 MHz to 30 MHz LV

Date: April 8, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038B2900433098)
 Location: CURRENT Group Rockville Test Area – PLB1
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dB μ V/m)	Measurement distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dB μ V/m)	30m Limit (dB μ V/m)	Margin (dB)
15.23	R30m	1.0	44.4	10.63	-18.03	26.35	29.54	-3.2
15.43	R30m	1.0	44.3	10.63	-18.03	26.30	29.54	-3.2
19.73	L36m	1.0	42.3	10.63	-18.03	24.25	29.54	-5.3
19.92	L30m	1.0	42.2	10.63	-18.03	24.13	29.54	-5.4
19.53	L36m	1.0	42.1	10.63	-18.03	24.02	29.54	-5.5
19.53	L30m	1.0	42.0	10.63	-18.03	23.93	29.54	-5.6
19.53	R36m	1.0	41.4	10.63	-18.03	23.39	29.54	-6.2
19.73	R36m	1.0	41.1	10.63	-18.03	23.10	29.54	-6.4
19.34	L36m	1.0	40.9	10.63	-18.03	22.82	29.54	-6.7
18.55	R36m	1.0	40.5	10.63	-18.03	22.51	29.54	-7.0

Date: May 5, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038F9900002874)
 Location: CURRENT Group Rockville Test Area – PLB2
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
12.70	C0m	1.0	45.0	11.45	-16.73	28.25	29.54	-1.3
20.71	R12	1.0	44.9	11.45	-16.73	28.16	29.54	-1.4
20.70	R36	1.0	44.9	11.45	-16.73	28.14	29.54	-1.4
12.89	L18m	1.0	44.8	11.45	-16.73	28.11	29.54	-1.4
6.05	R24	1.0	44.8	11.45	-16.73	28.10	29.54	-1.4
12.11	L12m	1.0	44.7	11.45	-16.73	28.01	29.54	-1.5
17.38	L6m	1.0	44.7	11.45	-16.73	28.00	29.54	-1.5
20.70	R30	1.0	44.7	11.45	-16.73	27.98	29.54	-1.6
11.72	R12	1.0	44.7	11.45	-16.73	27.93	29.54	-1.6
8.98	L30m	1.0	44.6	11.45	-16.73	27.83	29.54	-1.7

Date: March 6, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038B2900433098)
 Location: CURRENT Group Rockville Test Area – PLB4
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement distance (m)	Distance Correction Factor to 30m (dB)	QP Level Corrected to 30m (dBμV/m)	30m Limit (dBμV/m)	Margin (dB)
15.23	R30m	1.0	44.4	10.63	-18.03	26.35	29.54	-3.2
15.43	R30m	1.0	44.3	10.63	-18.03	26.30	29.54	-3.2
19.73	L36m	1.0	42.3	10.63	-18.03	24.25	29.54	-5.3
19.92	L30m	1.0	42.2	10.63	-18.03	24.13	29.54	-5.4
19.53	L36m	1.0	42.1	10.63	-18.03	24.02	29.54	-5.5
19.53	L30m	1.0	42.0	10.63	-18.03	23.93	29.54	-5.6
19.53	R36m	1.0	41.4	10.63	-18.03	23.39	29.54	-6.2
19.73	R36m	1.0	41.1	10.63	-18.03	23.10	29.54	-6.4
19.34	L36m	1.0	40.9	10.63	-18.03	22.82	29.54	-6.7
18.55	R36m	1.0	40.5	10.63	-18.03	22.51	29.54	-7.0

A.2.3 30 MHz to 50 MHz

Date: May 2, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038F8900002910)
 Location: CURRENT Group Potomac Test Area – 9417 Kentsdale
 Mode: MV Active (transmitting MV-signal, 30 MHz to 50 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement distance (m)	Distance Correction Factor to 10m (dB)	QP Level Corrected to 10m (dBμV/m)	10m Limit (dBμV/m)	Margin (dB)
36.83	L7.6m	4.0	34.7	14.88	3.45	38.15	39.08	-0.9
37.61	R7.6m	3.0	34.2	15.41	3.76	37.9	39.08	-1.2
33.51	R1.9m	3.0	34.8	14.31	3.11	37.86	39.08	-1.2
37.61	R5.7m	4.0	34.4	14.88	3.45	37.85	39.08	-1.2
37.22	R7.6m	3.0	33.9	15.41	3.76	37.66	39.08	-1.4
33.51	C0m	4.0	34.5	13.78	2.79	37.25	39.08	-1.8
36.44	L7.6m	3.0	33.3	15.41	3.76	37.1	39.08	-2.0
36.24	C0m	3.0	33.6	14.18	3.04	36.63	39.08	-2.5
32.73	L7.6m	4.0	32.3	14.88	3.45	35.73	39.08	-3.3
33.31	L5.7m	4.0	32.2	14.88	3.45	35.65	39.08	-3.4

Date: May 2, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038AD900433096)
 Location: CURRENT Group Potomac Test Area – 9705 Kentsdale
 Mode: MV Active (transmitting MV-signal, 30 MHz to 50 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement distance (m)	Distance Correction Factor to 10m (dB)	QP Level Corrected to 10m (dBμV/m)	10m Limit (dBμV/m)	Margin (dB)
42.49	L5.7m	3.0	35.1	15.24	3.66	38.74	39.08	-0.3
41.71	L5.7m	3.0	35.0	15.24	3.66	38.65	39.08	-0.4
44.45	L5.7m	3.0	35.0	15.24	3.66	38.63	39.08	-0.5
39.95	R3.8m	3.0	35.0	14.63	3.31	38.26	39.08	-0.8
37.61	L1.9m	3.0	35.1	14.26	3.08	38.16	39.08	-0.9
38.59	R5.7m	3.0	32.4	15.24	3.66	36.02	39.08	-3.1
36.63	R1.9m	1.0	32.2	15.21	3.64	35.82	39.08	-3.3
40.93	L3.8m	3.0	32.4	14.63	3.31	35.69	39.08	-3.4
31.55	R7.6m	4.0	32.1	14.88	3.45	35.5	39.08	-3.6
42.88	R3.8m	3.0	31.8	14.63	3.31	35.07	39.08	-4.0

Date: May 6, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038F9900002866)
 Location: CURRENT Group Potomac Test Area – Tuckerman
 Mode: MV Active (transmitting MV-signal, 30 MHz to 50 MHz)

Frequency (MHz)	Antenna Location	Antenna Height (m)	QP Level Measured on Analyzer (dBμV/m)	Measurement distance (m)	Distance Correction Factor to 10m (dB)	QP Level Corrected to 10m (dBμV/m)	10m Limit (dBμV/m)	Margin (dB)
46.59	L1.9m	2.0	35.0	15.49	3.80	38.8	39.08	-0.3
35.07	R5.7m	4.0	34.9	15.49	3.80	38.7	39.08	-0.4
41.91	R3.8m	2.0	34.4	15.84	3.99	38.4	39.08	-0.7
43.66	R3.8m	2.0	34.4	15.84	3.99	38.4	39.08	-0.7
43.66	R3.8m	3.0	34.6	15.34	3.72	38.3	39.08	-0.8
35.27	R5.7m	4.0	34.2	15.49	3.80	38.0	39.08	-1.1
35.27	R1.9m	2.0	34.1	15.49	3.80	37.9	39.08	-1.2
46.79	C0m	1.0	32.4	15.93	4.05	36.4	39.08	-2.7
47.77	R1.9m	4.0	31.1	14.53	3.25	34.3	39.08	-4.8
45.03	R1.9m	4.0	30.9	14.53	3.25	34.1	39.08	-5.0

A.2.4 50 MHz to 1000 MHz

Date: March 28, 2008
 EUT: CURRENT Bridge OH 6021 (S/N: 23038B2900433101)
 Location: Washington Laboratories Open Area Test Site
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

Horizontal Polarity:

Frequency (MHz)	Polarity H/V	Azimuth Degree	Ant. Height (m)	SA Level (QP) (dBμV)	Ant. Corr. (dB/m)	Cable Corr. (dB)	Amplifier Gain (dB)	Corr. Level (dBμV/m)	Corr. Level (μV/m)	Limit (μV/m)	Margin (dB)
181.256	H	95.0	4.0	13.3	11.0	2.2	0.0	26.5	21.1	150.0	-17.1
209.024	H	0.0	4.0	14.0	11.0	2.2	0.0	27.2	22.9	150.0	-16.3
224.980	H	125.0	4.0	5.6	11.3	2.3	0.0	19.2	9.1	210.0	-27.2
313.520	H	370.0	4.0	13.7	13.7	3.0	0.0	30.5	33.4	210.0	-16.0

Vertical Polarity:

Frequency (MHz)	Polarity H/V	Azimuth Degree	Ant. Height (m)	SA Level (QP) (dBμV)	Ant. Corr. (dB/m)	Cable Corr. (dB)	Amplifier Gain (dB)	Corr. Level (dBμV/m)	Corr. Level (μV/m)	Limit (μV/m)	Margin (dB)
43.790	V	0.0	1.0	8.7	10.7	1.5	0.0	20.9	11.1	90.0	-18.2
181.244	V	170.0	2.5	8.9	11.0	2.2	0.0	22.1	12.7	150.0	-21.5
200.000	V	90.0	1.6	17.8	12.3	2.1	0.0	32.2	40.7	150.0	-11.3
209.000	V	210.0	1.2	13.5	11.0	2.2	0.0	26.7	21.7	150.0	-16.8
224.980	V	250.0	1.0	10.6	11.3	2.3	0.0	24.2	16.2	210.0	-22.2
313.534	V	0.0	1.0	18.7	13.7	3.0	0.0	35.5	59.3	210.0	-11.0