

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**

Date: August 19, 2006

EUT: CT Bridge® OH 5000m1 (S/N: 200165E600000ACD)

Location: CURRENT Technologies Rockville Test Area – PLB-01

Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz, using nuttcp command)

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)
11.52	L12m	1.0	46.3	10.00	-19.08	27.22	29.54	-2.3
11.52	L36m	1.0	45.8	10.00	-19.08	26.72	29.54	-2.8
15.43	L36m	1.0	45.2	10.00	-19.08	26.12	29.54	-3.4
7.62	L30m	1.0	44.7	10.00	-19.08	25.62	29.54	-3.9
11.52	L30m	1.0	44.6	10.00	-19.08	25.52	29.54	-4.0
11.52	L18m	1.0	44.4	10.00	-19.08	25.32	29.54	-4.2
19.53	R12m	1.0	44.2	10.00	-19.08	25.12	29.54	-4.4
7.62	L36m	1.0	44.1	10.00	-19.08	25.02	29.54	-4.5
10.94	L36m	1.0	44.0	10.00	-19.08	24.92	29.54	-4.6
4.49	R6m	1.0	51.1	6.57	-26.38	24.72	29.54	-4.8
15.23	L12m	1.0	43.8	10.00	-19.08	24.72	29.54	-4.8
15.04	L18m	1.0	43.8	10.00	-19.08	24.72	29.54	-4.8
19.34	R18m	1.0	43.5	10.00	-19.08	24.42	29.54	-5.1
4.49	L30m	1.0	43.5	10.00	-19.08	24.42	29.54	-5.1
8.98	L36m	1.0	43.1	10.00	-19.08	24.02	29.54	-5.5
4.49	L36m	1.0	42.8	10.00	-19.08	23.72	29.54	-5.8
8.59	R36m	1.0	42.3	10.00	-19.08	23.22	29.54	-6.3
19.34	R24m	1.0	41.8	10.00	-19.08	22.72	29.54	-6.8
19.53	L24m	1.0	41.8	10.00	-19.08	22.72	29.54	-6.8
17.58	L6m	1.0	51.2	5.61	-29.13	22.07	29.54	-7.5
10.94	C0m	1.0	58.1	3.63	-36.69	21.41	29.54	-8.1
9.77	R30m	1.0	39.8	10.00	-19.08	20.72	29.54	-8.8

Date: August 19, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 200165E600000AE2)
 Location: CURRENT Technologies Rockville Test Area – PLB-02
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz, using nuttcp command)

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)
12.31	R12m	1.0	48.1	10.00	-19.08	29.02	29.54	-0.5
20.70	L36	1.0	44.3	12.44	-15.29	28.98	29.54	-0.6
16.41	R18m	1.0	48.0	10.00	-19.08	28.92	29.54	-0.6
20.70	R24m	1.0	48.0	10.00	-19.08	28.92	29.54	-0.6
19.53	L18	1.0	44.1	12.44	-15.29	28.80	29.54	-0.7
19.73	L18	1.0	44.0	12.44	-15.29	28.74	29.54	-0.8
20.12	R12m	1.0	47.6	10.00	-19.08	28.52	29.54	-1.0
15.63	L36	1.0	43.7	12.44	-15.29	28.41	29.54	-1.1
19.73	L24	1.0	43.2	12.44	-15.29	27.91	29.54	-1.6
15.82	L36	1.0	43.2	12.44	-15.29	27.86	29.54	-1.7
19.92	L18	1.0	43.2	12.44	-15.29	27.86	29.54	-1.7
12.51	R12m	1.0	46.9	10.00	-19.08	27.82	29.54	-1.7
16.21	R18m	1.0	46.9	10.00	-19.08	27.82	29.54	-1.7
15.43	L30	1.0	41.8	12.44	-15.29	26.55	29.54	-3.0
15.63	L24	1.0	41.8	12.44	-15.29	26.52	29.54	-3.0
20.70	L12	1.0	43.3	11.29	-16.98	26.32	29.54	-3.2
8.01	R18m	1.0	45.4	10.00	-19.08	26.32	29.54	-3.2
20.51	R24m	1.0	45.3	10.00	-19.08	26.22	29.54	-3.3
20.12	L12	1.0	43.0	11.29	-16.98	26.01	29.54	-3.5
12.11	R30m	1.0	49.8	7.61	-23.83	25.97	29.54	-3.6
16.99	L12	1.0	42.5	11.29	-16.98	25.47	29.54	-4.1
19.53	R30m	1.0	49.0	7.61	-23.83	25.17	29.54	-4.4
7.42	L12	1.0	41.9	11.29	-16.98	24.92	29.54	-4.6
5.08	R12m	1.0	43.4	10.00	-19.08	24.32	29.54	-5.2
16.41	R12m	1.0	43.4	10.00	-19.08	24.32	29.54	-5.2
19.92	R30m	1.0	48.0	7.61	-23.83	24.17	29.54	-5.4
16.41	R30m	1.0	47.9	7.61	-23.83	24.07	29.54	-5.5
19.92	R18m	1.0	42.9	10.00	-19.08	23.82	29.54	-5.7
16.21	L12	1.0	40.7	11.29	-16.98	23.72	29.54	-5.8
8.01	R24m	1.0	42.5	10.00	-19.08	23.42	29.54	-6.1
20.70	R6m	1.0	51.3	4.95	-31.30	20.00	29.54	-9.5
16.41	C0	1.0	55.0	4.00	-35.00	20.00	29.54	-9.5
19.92	L6	1.0	43.2	5.69	-28.88	14.32	29.54	-15.2
12.11	R36m	1.0	47.5	3.67	-36.50	11.00	29.54	-18.5

Date: August 10, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 200165E600000AC8)
 Location: CURRENT Technologies Rockville Test Area – PLB-04
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz, using nuttcp command)

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)
4.49	R30m	1.0	47.5	10.46	-18.30	29.20	29.54	-0.3
4.49	R6m	1.0	47.4	10.46	-18.30	29.10	29.54	-0.4
8.59	R30m	1.0	47.1	10.46	-18.30	28.80	29.54	-0.7
17.38	L24m	1.0	46.1	10.46	-18.30	27.80	29.54	-1.7
20.70	L30m	1.0	46.1	10.46	-18.30	27.80	29.54	-1.7
8.79	R30m	1.0	46.0	10.46	-18.30	27.70	29.54	-1.8
8.59	R18m	1.0	41.4	13.46	-13.92	27.48	29.54	-2.1
4.49	R12m	1.0	45.6	10.46	-18.30	27.30	29.54	-2.2
5.86	L30m	1.0	45.5	10.46	-18.30	27.20	29.54	-2.3
4.69	R30m	1.0	45.3	10.46	-18.30	27.00	29.54	-2.5
20.51	R24m	1.0	45.2	10.46	-18.30	26.90	29.54	-2.6
17.38	L12m	1.0	51.4	7.13	-24.96	26.44	29.54	-3.1
6.25	L18m	1.0	44.0	10.46	-18.30	25.70	29.54	-3.8
13.87	L36m	1.0	43.5	10.46	-18.30	25.20	29.54	-4.3
9.57	L18m	1.0	42.5	10.46	-18.30	24.20	29.54	-5.3
13.28	L30m	1.0	42.5	10.46	-18.30	24.20	29.54	-5.3
15.43	L36m	1.0	42.4	10.46	-18.30	24.10	29.54	-5.4
8.59	R12m	1.0	42.3	10.46	-18.30	24.00	29.54	-5.5
9.38	R6m	1.0	42.1	10.46	-18.30	23.80	29.54	-5.7
12.11	L36m	1.0	42.1	10.46	-18.30	23.80	29.54	-5.7
17.38	R30m	1.0	41.8	10.46	-18.30	23.50	29.54	-6.0
17.38	L18m	1.0	41.6	10.46	-18.30	23.30	29.54	-6.2
13.28	L18m	1.0	41.1	10.46	-18.30	22.80	29.54	-6.7
9.57	L24m	1.0	40.6	10.46	-18.30	22.30	29.54	-7.2

A.2.2 30 MHz to 50 MHz

Date: August 17, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 2001670600000B1B)
 Location: CURRENT Technologies Urbana Test Area – PLB-P3
 Mode: MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz, using nuttcp command)

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)	30m Limit (dBμV/m)	Margin (dB)
45.62	R1.9m	3.0	36.7	10.80	0.67	37.37	39.08	-1.7
40.54	R3.8m	3.0	35.7	11.29	1.05	36.75	39.08	-2.3
33.12	C0m	3.0	36.1	10.63	0.53	36.63	39.08	-2.4
41.71	L5.7m	3.0	35.3	11.46	1.18	36.48	39.08	-2.6
43.08	R1.9m	2.5	35.3	10.97	0.80	36.10	39.08	-3.0
35.66	L1.9m	3.0	35.4	10.80	0.67	36.07	39.08	-3.0
40.73	L1.9m	2.5	35.2	10.97	0.80	36.00	39.08	-3.1
33.31	C0m	3.0	35.4	10.63	0.53	35.93	39.08	-3.1
35.85	L1.9m	3.0	34.7	10.80	0.67	35.37	39.08	-3.7
43.27	R1.9m	3.0	34.4	10.80	0.67	35.07	39.08	-4.0
40.54	L3.8m	3.0	33.5	11.29	1.05	34.55	39.08	-4.5
39.56	L5.7m	3.0	31.3	11.46	1.18	32.48	39.08	-6.6

Date: August 18, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 200166F600000B6A)
 Location: CURRENT Technologies Kentsdale Test Area – PLB-K2
 Mode: MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz, using nuttcp command)

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)	30m Limit (dBμV/m)	Margin (dB)
37.22	R1.9m	3.0	34.9	15.39	3.74	38.64	39.08	-0.4
36.24	R3.8m	3.0	34.5	15.74	3.94	38.44	39.08	-0.6
47.77	R7.6m	2.5	33.7	17.24	4.73	38.43	39.08	-0.6
37.02	R1.9m	3.0	34.5	15.39	3.74	38.24	39.08	-0.8
36.44	R5.7m	3.0	33.9	16.30	4.24	38.14	39.08	-0.9
38.59	R3.8m	2.5	33.9	15.94	4.05	37.95	39.08	-1.1
36.63	R3.8m	3.0	33.6	15.74	3.94	37.54	39.08	-1.5
41.52	R3.8m	2.5	33.2	15.94	4.05	37.25	39.08	-1.8
46.20	R3.8m	3.0	33.3	15.74	3.94	37.24	39.08	-1.8
46.40	R1.9m	2.0	32.0	15.81	3.98	35.98	39.08	-3.1

Date: August 17, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 200166F600000B6A)
 Location: CURRENT Technologies Kentsdale Test Area – PLB-K4
 Mode: MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz, using nuttcp command)

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)	30m Limit (dBμV/m)	Margin (dB)
32.73	R7.6m	3.0	34.3	16.38	4.29	38.59	39.08	-0.5
33.51	R1.9m	3.0	34.1	15.39	3.74	37.84	39.08	-1.2
36.63	R7.6m	2.5	33.4	16.64	4.42	37.82	39.08	-1.3
32.53	R1.9m	3.0	34.0	15.39	3.74	37.74	39.08	-1.3
36.44	R7.6m	3.0	33.4	16.38	4.29	37.69	39.08	-1.4
41.12	R7.6m	3.0	33.3	16.38	4.29	37.59	39.08	-1.5
42.49	L3.8m	2.5	33.4	15.94	4.05	37.45	39.08	-1.6
36.83	R7.6m	2.5	32.6	16.64	4.42	37.02	39.08	-2.1
33.70	R1.9m	3.0	32.8	15.39	3.74	36.54	39.08	-2.5
40.93	R1.9m	3.0	32.6	15.39	3.74	36.34	39.08	-2.7
39.95	L3.8m	3.0	32.1	16.30	4.24	36.34	39.08	-2.7
39.76	L3.8m	3.0	32.4	15.74	3.94	36.34	39.08	-2.7
46.20	R7.6m	3.0	31.9	16.38	4.29	36.19	39.08	-2.9
46.40	R7.6m	3.0	31.6	16.38	4.29	35.89	39.08	-3.2

A.2.3 50 MHz to 1000 MHz

Date: May 19, 2006

EUT: CT Bridge OH 5000m1 (S/N: 20016286000008E1)

Location: Washington Laboratories Open Area Test Site

Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.020	180	1.5	25.7	3	10.46	15.2	43.5	-28.3
300.022	315	1.5	41.2	3	10.46	30.7	46.4	-15.7
313.582	336	1.5	34.1	3	10.46	23.7	46.4	-22.7
350.030	253	1.0	29.8	3	10.46	19.3	46.4	-27.1
384.210	90	1.0	27.9	3	10.46	17.4	46.4	-29.0
400.027	61	1.0	42.4	3	10.46	31.9	46.4	-14.5
418.087	110	1.0	26.7	3	10.46	16.2	46.4	-30.2
425.034	116	1.5	31.5	3	10.46	21.0	46.4	-25.4
450.040	113	1.5	37.3	3	10.46	26.8	46.4	-19.6
500.029	266	1.5	38.5	3	10.46	28.0	46.4	-18.4
550.038	282	1.2	49.0	3	10.46	38.5	46.4	-7.9
600.025	267	1.0	50.1	3	10.46	39.6	46.4	-6.8
650.032	270	1.0	51.1	3	10.46	40.6	46.4	-5.8
750.025	268	1.0	45.5	3	10.46	35.0	46.4	-11.4

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.020	321	2.2	28.4	3	10.46	17.9	43.5	-25.6
300.026	203	1.0	47.2	3	10.46	36.7	46.4	-9.7
313.582	212	1.0	37.5	3	10.46	27.0	46.4	-19.4
350.030	281	1.0	34.3	3	10.46	23.8	46.4	-22.6
359.875			18.5	3	10.46	8.0	46.4	-38.4
400.029	202	1.0	43.8	3	10.46	33.3	46.4	-13.1
418.067	218	1.0	27.1	3	10.46	16.6	46.4	-29.8
425.020	149	1.0	32.5	3	10.46	22.0	46.4	-24.4
450.031	301	1.0	39.8	3	10.46	29.3	46.4	-17.1
500.029	0	1.0	36.0	3	10.46	25.5	46.4	-20.9
550.029	159	1.8	51.0	3	10.46	40.5	46.4	-5.9
600.023	229	1.4	52.4	3	10.46	41.9	46.4	-4.5
650.032	144	1.4	54.0	3	10.46	43.5	46.4	-2.9
750.030	228	1.0	47.2	3	10.46	36.7	46.4	-9.7

Date: May 19, 2006
 EUT: CT Backhaul-Point OH 5000g (S/N: 200463560000092F)
 Location: Washington Laboratories Open Area Test Site
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.020	180	1.0	26.3	3	10.46	15.8	43.5	-27.7
300.022	315	1.5	40.0	3	10.46	29.5	46.4	-16.9
313.582	288	1.0	29.5	3	10.46	19.0	46.4	-27.4
350.030	253	1.0	28.2	3	10.46	17.7	46.4	-28.7
359.875	221	1.0	29.0	3	10.46	18.5	46.4	-27.9
384.210	90	1.0	32.2	3	10.46	21.7	46.4	-24.7
400.027	187	1.0	37.1	3	10.46	26.6	46.4	-19.8
418.087	106	1.0	31.8	3	10.46	21.3	46.4	-25.1
425.034	133	1.5	36.2	3	10.46	25.7	46.4	-20.7
450.029	241	2.0	42.9	3	10.46	32.4	46.4	-14.0
500.029	266	2.0	42.9	3	10.46	32.4	46.4	-14.0
550.038	282	1.2	50.4	3	10.46	39.9	46.4	-6.5
600.025	282	1.0	52.2	3	10.46	41.7	46.4	-4.7
650.032	244	1.0	50.9	3	10.46	40.4	46.4	-6.0
750.025	248	1.0	43.9	3	10.46	33.4	46.4	-13.0

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.020	321	2.2	28.6	3	10.46	18.1	43.5	-25.4
300.026	223	1.0	45.6	3	10.46	35.1	46.4	-11.3
313.582	222	1.0	31.8	3	10.46	21.4	46.4	-25.1
350.030	203	1.0	40.3	3	10.46	29.8	46.4	-16.6
384.210	90	2.0	27.7	3	10.46	17.2	46.4	-29.2
400.027	212	1.0	44.6	3	10.46	34.1	46.4	-12.3
418.087	155	1.0	33.9	3	10.46	23.4	46.4	-23.0
425.020	294	1.0	34.9	3	10.46	24.4	46.4	-22.0
450.310	152	1.0	47.7	3	10.46	37.2	46.4	-9.2
500.029	145	1.0	43.7	3	10.46	33.3	46.4	-13.2
550.038	329	1.0	42.5	3	10.46	32.0	46.4	-14.4
600.023	80	1.0	43.4	3	10.46	32.9	46.4	-13.5
650.032	144	1.0	40.1	3	10.46	29.6	46.4	-16.8
750.030	161	1.0	42.3	3	10.46	31.8	46.4	-14.6

Date: June 2, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 20015F26000006CE)
 Location: CURRENT Technologies Rockville Test Area – PLB-01
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	C180-V	1.0m	26.3	7.52m	-2.48	23.8	43.5	-19.7
261.30	C0-V	1.0m	28.5	7.52m	-2.48	26.0	46.4	-20.4
300.00	R135-V	1.5m	30.5	7.07m	-3.01	27.5	46.4	-19.1
313.55	L90-V	1.0m	26.7	7.52m	-2.48	24.2	46.4	-22.2
350.00	L135-V	1.0m	29.9	7.52m	-2.48	27.4	46.4	-19.0
359.88	R135-V	1.0m	29.2	7.52m	-2.48	26.7	46.4	-19.7
384.21	R135-V	1.5m	30.8	7.52m	-2.48	28.3	46.4	-18.1
400.00	L90-V	1.0m	31.8	7.52m	-2.48	29.3	46.4	-17.1
418.10	R135-V	1.0m	31.9	7.52m	-2.48	29.4	46.4	-17.0
425.00	L135-V	1.0m	32.2	7.52m	-2.48	29.7	46.4	-16.7
450.00	L135-V	1.0m	27.5	7.52m	-2.48	25.0	46.4	-21.4
500.00	L45-V	1.0m	30.1	7.52m	-2.48	27.6	46.4	-18.8
550.00	C0-V	1.0m	36.2	7.52m	-2.48	33.7	46.4	-12.7
600.00	L45-V	1.0m	35.1	7.52m	-2.48	32.6	46.4	-13.8
650.00	L45-V	1.0m	37.1	7.52m	-2.48	34.6	46.4	-11.8
750.00	L135-V	1.0m	38.9	7.52m	-2.48	36.4	46.4	-10.0

* When the peak value was less than 34 dB, the quasi-peak value was not measured, and the peak value was used instead.

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	R135-H	1.0m	33.5	7.52m	-2.48	31.0	43.5	-12.5
261.30	C0-H	1.0m	29.7	7.52m	-2.48	27.2	46.4	-19.2
300.00	L90-H	2.0m	32.2	6.62m	-3.58	28.6	46.4	-17.8
313.55	R90-H	1.0m	27.1	7.52m	-2.48	24.6	46.4	-21.8
350.00	C180-H	1.5m	32.8	7.07m	-3.01	29.8	46.4	-16.6
359.88	R90-H	1.0m	29.3	7.52m	-2.48	26.8	46.4	-19.6
384.21	L135-H	1.0m	29.8	7.52m	-2.48	27.3	46.4	-19.1
400.00	R45-H	1.0m	31.7	7.52m	-2.48	29.2	46.4	-17.2
418.10	L45-H	1.0m	31.5	7.52m	-2.48	29.0	46.4	-17.4
425.00	C0-H	1.0m	32.1	7.52m	-2.48	29.6	46.4	-16.8
450.00	L135-H	1.0m	29.5	7.52m	-2.48	27.0	46.4	-19.4
500.00	L135-H	1.0m	30.3	7.52m	-2.48	27.8	46.4	-18.6
550.00	C180-H	1.5m	43.2	7.07m	-3.01	40.2	46.4	-6.2
600.00	R45-H	1.0m	39.2	7.52m	-2.48	36.7	46.4	-9.7
650.00	L90-H	1.0m	43.5	7.52m	-2.48	41.0	46.4	-5.4
750.00	R90-H	1.0m	39.3	7.52m	-2.48	36.8	46.4	-9.6

* When the peak value was less than 34 dB, the quasi-peak value was not measured, and the peak value was used instead.

Date: May 30, 2006
 EUT: CT Bridge OH 5000m1 (S/N: 2001603600000774)
 Location: CURRENT Technologies Rockville Test Area – PLB-02
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	C180-H	2.0m	33.2	7.16m	-2.90	30.3	43.5	-13.2
261.30	R90-H	2.0m	29.8	7.16m	-2.90	26.9	46.4	-19.5
300.00	R135-H	3.0m	35.8	6.26m	-4.07	31.7	46.4	-14.7
313.55	L135-H	1.0m	29.3	8.08m	-1.85	27.4	46.4	-19.0
350.00	C180-H	1.5m	24.6	7.62m	-2.36	22.2	46.4	-24.2
359.88	L90-H	1.0m	23.7	8.08m	-1.85	21.8	46.4	-24.6
384.21	L135-H	1.0m	23.7	8.08m	-1.85	21.8	46.4	-24.6
400.00	R90-H	1.0m	24.3	8.08m	-1.85	22.4	46.4	-24.0
418.10	L90-H	1.0m	24.8	8.08m	-1.85	22.9	46.4	-23.5
425.00	R45-H	1.0m	24.5	8.08m	-1.85	22.6	46.4	-23.8
449.99	R90-H	1.5m	28.8	7.62m	-2.36	26.4	46.4	-20.0
500.00	L90-H	1.0m	26.3	8.08m	-1.85	24.4	46.4	-22.0
550.00	R135-H	1.0m	41.9	8.08m	-1.85	40.0	46.4	-6.4
600.00	C0-H	1.0m	35.7	8.08m	-1.85	33.8	46.4	-12.6
650.00	R90-H	1.0m	34.8	8.08m	-1.85	32.9	46.4	-13.5
750.00	C180-H	1.0m	36.9	8.08m	-1.85	35.0	46.4	-11.4

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	L135-V	3.0m	34.8	6.26m	-4.07	30.7	43.5	-12.8
261.30	R90-V	1.0m	24.2	8.08m	-1.85	22.3	46.4	-24.1
300.00	L45-V	1.0m	27.1	8.08m	-1.85	25.2	46.4	-21.2
313.55	L45-V	1.5m	28.8	7.62m	-2.36	26.4	46.4	-20.0
350.00	R135-V	1.0m	24.1	8.08m	-1.85	22.2	46.4	-24.2
359.88	L90-V	1.0m	23.5	8.08m	-1.85	21.6	46.4	-24.8
384.21	L135-V	1.0m	23.2	8.08m	-1.85	21.3	46.4	-25.1
400.00	L135-V	1.0m	23.7	8.08m	-1.85	21.8	46.4	-24.6
418.10	R45-V	1.0m	24.6	8.08m	-1.85	22.7	46.4	-23.7
425.00	R45-V	1.0m	24.3	8.08m	-1.85	22.4	46.4	-24.0
449.99	L135-V	1.0m	31.1	8.08m	-1.85	29.2	46.4	-17.2
500.00	R45-V	1.0m	25.7	8.08m	-1.85	23.8	46.4	-22.6
550.00	R45-V	1.0m	39.3	8.08m	-1.85	37.4	46.4	-9.0
600.00	L90-V	1.0m	34.5	8.08m	-1.85	32.6	46.4	-13.8
650.00	C0-V	1.0m	34.8	8.08m	-1.85	32.9	46.4	-13.5
750.00	R45-V	1.0m	35.9	8.08m	-1.85	34.0	46.4	-12.4

Date: June 7, 2006
 EUT: CT Backhaul-Point® OH 5000g (S/N: 2004634600000930)
 Location: CURRENT Technologies Rockville Test Area – BP-02
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	C0-V	2.0m	29.0	6.89m	-3.24	25.8	43.5	-17.8
261.30	L45-V	1.0m	21.9	7.80m	-2.16	19.7	46.4	-26.7
300.00	L90-V	1.0m	20.4	7.80m	-2.16	18.2	46.4	-28.2
313.55	L135-V	1.0m	20.6	7.80m	-2.16	18.4	46.4	-28.0
350.00	C0-V	1.0m	22.5	7.80m	-2.16	20.3	46.4	-26.1
359.88	L135-V	1.0m	23.0	7.80m	-2.16	20.8	46.4	-25.6
384.21	L90-V	1.0m	23.8	7.80m	-2.16	21.6	46.4	-24.8
400.00	C0-V	1.0m	25.0	7.80m	-2.16	22.8	46.4	-23.6
418.10	L45-V	1.0m	25.7	7.80m	-2.16	23.5	46.4	-22.9
425.00	L45-V	1.0m	26.2	7.80m	-2.16	24.0	46.4	-22.4
449.99	C0-V	1.0m	27.7	7.80m	-2.16	25.5	46.4	-20.9
500.00	L90-V	1.0m	30.3	7.80m	-2.16	28.1	46.4	-18.3
550.00	L90-V	1.0m	46.6	7.80m	-2.16	44.4	46.4	-2.0
600.00	C180-V	1.0m	36.6	7.80m	-2.16	34.4	46.4	-12.0
650.00	L135-V	1.0m	35.7	7.80m	-2.16	33.5	46.4	-12.9
750.00	C0-V	1.0m	38.9	7.80m	-2.16	36.7	46.4	-9.7

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.00	C0-H	2.0m	27.6	6.89m	-3.24	24.4	43.5	-19.1
261.30	C0-H	1.0m	22.1	7.80m	-2.16	19.9	46.4	-26.5
300.00	R90-H	1.0m	23.1	7.80m	-2.16	20.9	46.4	-25.5
313.55	R90-H	1.0m	20.8	7.80m	-2.16	18.6	46.4	-27.8
350.00	R90-H	1.0m	26.4	7.80m	-2.16	24.2	46.4	-22.2
359.88	R90-H	1.0m	23.3	7.80m	-2.16	21.1	46.4	-25.3
384.21	R90-H	1.0m	24.1	7.80m	-2.16	21.9	46.4	-24.5
400.00	C180-H	1.0m	31.4	7.80m	-2.16	29.2	46.4	-17.2
418.10	R90-H	1.0m	28.5	7.80m	-2.16	26.3	46.4	-20.1
425.00	R90-H	1.0m	28.6	7.80m	-2.16	26.4	46.4	-20.0
449.99	C0-H	1.0m	28.1	7.80m	-2.16	25.9	46.4	-20.5
500.00	L45-H	1.0m	30.6	7.80m	-2.16	28.4	46.4	-18.0
550.00	R135-H	1.0m	*					
600.00	R135-H	3.0m	49.5	6.00m	-4.43	45.1	46.4	-1.3
650.00	L90-H	1.0m	35.6	7.80m	-2.16	33.4	46.4	-13.0
750.00	R90-H	1.0m	39.2	7.80m	-2.16	37.0	46.4	-9.4

* Measurement not made; ambient level exceeded limit.

Date: June 7, 2006
 EUT: CT Backhaul-Point OH 5000g (S/N: 200462A600000928)
 Location: CURRENT Technologies Rockville Test Area – BP-03
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz); MV Active (transmitting MV-signal, 31.5 MHz to 47.8 MHz)

Vertical Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.60	L45-V	2.5m	41.6	6.98m	-3.13	38.5	43.5	-5.0
261.30	L45-V	1.0m	22.8	8.36m	-1.56	21.2	46.4	-25.2
300.00	R135-V	1.0m	20.8	8.36m	-1.56	19.2	46.4	-27.2
313.55	C180-V	1.0m	20.9	8.36m	-1.56	19.3	46.4	-27.1
350.00	C0-V	1.0m	23.9	8.36m	-1.56	22.3	46.4	-24.1
359.88	L45-V	1.0m	23.5	8.36m	-1.56	21.9	46.4	-24.5
384.21	R45-V	1.0m	24.4	8.36m	-1.56	22.8	46.4	-23.6
400.00	C0-V	1.0m	25.9	8.36m	-1.56	24.3	46.4	-22.1
418.10	C180-V	1.0m	26.1	8.36m	-1.56	24.5	46.4	-21.9
425.00	L135-V	1.0m	26.6	8.36m	-1.56	25.0	46.4	-21.4
450.00	L45-V	1.0m	28.3	8.36m	-1.56	26.7	46.4	-19.7
500.00	C180-V	1.0m	30.6	8.36m	-1.56	29.0	46.4	-17.4
550.00	C180-V	1.0m	42.5	8.36m	-1.56	40.9	46.4	-5.5
600.00	C180-V	1.0m	36.3	8.36m	-1.56	34.7	46.4	-11.7
650.00	R45-V	1.0m	35.9	8.36m	-1.56	34.3	46.4	-12.1
750.00	L45-V	1.0m	39.1	8.36m	-1.56	37.5	46.4	-8.9

Horizontal Polarity:

Frequency (MHz)	Antenna Location and Polarity	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)
200.60	L45-H	3.0m	35.9	6.53m	-3.70	32.2	43.5	-11.3
261.30	C0-H	1.0m	22.6	8.36m	-1.56	21.0	46.4	-25.4
300.00	L135-H	1.0m	21.8	8.36m	-1.56	20.2	46.4	-26.2
313.55	R45-H	1.0m	20.9	8.36m	-1.56	19.3	46.4	-27.1
350.00	L45-H	1.0m	23.6	8.36m	-1.56	22.0	46.4	-24.4
359.88	L90-H	1.0m	23.5	8.36m	-1.56	21.9	46.4	-24.5
384.21	L90-H	1.0m	24.4	8.36m	-1.56	22.8	46.4	-23.6
400.00	R135-H	1.0m	28.0	8.36m	-1.56	26.4	46.4	-20.0
425.00	L90-H	1.0m	26.8	8.36m	-1.56	25.2	46.4	-21.2
450.00	C0-H	1.0m	28.8	8.36m	-1.56	27.2	46.4	-19.2
500.00	L90-H	1.0m	30.6	8.36m	-1.56	29.0	46.4	-17.4
550.00	C180-H	1.0m	*					
600.00	R135-H	1.0m	41.4	8.36m	-1.56	39.8	46.4	-6.6
650.00	L112.5-H	1.0m	36.2	8.36m	-1.56	34.6	46.4	-11.8
750.00	L45-H	1.0m	39.1	8.36m	-1.56	37.5	46.4	-8.9

* Measurement not made; ambient level exceeded limit.