

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.