

APPENDIX I: ADDITIONAL TEST DATA

Radiated Test Data – Mode Digital/Receiver Limit/Distance: FCC B/3M

Temperature: 52°F					Humidity: 91%				
Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)
48.000	Qp	H	0	3.0	43.4	-19.8	23.6	40.0	-16.4
201.600	Qp	H	0	1.0	35.7	-19.0	16.7	43.5	-26.8
240.000	Qp	H	0	1.0	35.8	-16.8	19.0	46.0	-27.0
249.600	Qp	H	0	1.0	34.8	-16.1	18.7	46.0	-27.3
259.200	Qp	H	0	1.5	33.5	-15.5	18.0	46.0	-28.0
1042.839	Av	H	0	1.0	40.5	-2.0	38.5	54.0	-15.5
2085.740	Av	H	0	1.0	17.3	20.8	38.1	54.0	-15.9
3128.620	Av	H	0	1.0	16.0	21.1	37.1	54.0	-16.9

Conducted Test Data – Mode TX

NEUTRAL SIDE (Line 1)

Temperature: 74°F				Humidity: 83%				
Emission Frequency (MHz)	Test Detector	Analyzer Reading (dBuV)	Site Correction Factor (dB)	Emission Level (dBuV)	QP Limit (dBuV)	QP Margin (dBuV)	AV Limit (dBuV)	AV Margin (dBuV)
0.276	Pk	17.8	1.2	19.0	60.9	-41.9	50.9	-31.9
0.286	Pk	17.8	1.1	18.9	60.9	-42.0	50.9	-32.0
0.413	Pk	19.1	1.0	20.1	57.6	-37.5	47.6	-27.5
4.770	Pk	13.8	1.9	15.7	56.0	-40.3	46.0	-30.3
17.880	Pk	15.3	3.7	19.0	60.0	-41.0	50.0	-31.0
21.240	Pk	14.9	4.0	18.9	60.0	-41.1	50.0	-31.1

HOT SIDE (Line 2)

Emission Frequency (MHz)	Test Detector	Analyzer Reading (dBuV)	Site Correction Factor (dB)	Emission Level (dBuV)	QP Limit (dBuV)	QP Margin (dBuV)	AV Limit (dBuV)	AV Margin (dBuV)
0.206	Pk	18.4	1.6	20.0	63.4	-43.4	53.4	-33.4
0.274	Pk	18.1	1.2	19.3	61.0	-41.7	51.0	-31.7
0.342	Pk	19.0	1.0	20.0	59.2	-39.2	49.2	-29.2
0.412	Pk	18.3	1.0	19.3	57.6	-38.3	47.6	-28.3
5.470	Pk	14.2	2.0	16.2	60.0	-43.8	50.0	-33.8
27.740	Pk	14.9	4.4	19.3	60.0	-40.7	50.0	-30.7

Conducted Test Data – Mode TX

NEUTRAL SIDE (Line 1)

Emission Frequency (MHz)	Test Detector	Analyzer Reading (dBuV)	Site Correction Factor (dB)	Emission Level (dBuV)	QP Limit (dBuV)	QP Margin (dBuV)	AV Limit (dBuV)	AV Margin (dBuV)
0.196	Pk	45.0	1.7	46.7	63.8	-17.1	53.8	-7.1
0.260	Qp	45.5	1.3	46.8	61.4	-14.6	N/A	N/A
0.260	Av	29.1	1.3	30.4	61.4	-31.0	51.4	-21.0
0.320	Qp	41.1	1.0	42.1	59.7	-17.6	N/A	N/A
0.326	Av	30.0	1.0	31.0	59.6	-28.6	49.6	-18.6
0.386	Qp	45.3	1.0	46.3	58.1	-11.8	N/A	N/A
0.386	Av	31.4	1.0	32.4	58.1	-25.7	48.1	-15.7
0.910	Qp	46.3	0.8	47.1	56.0	-8.9	N/A	N/A
0.910	Av	32.8	0.8	33.6	56.0	-22.4	46.0	-12.4
16.960	Pk	36.3	3.6	39.9	60.0	-20.1	50.0	-10.1
24.540	Pk	29.6	4.3	33.9	60.0	-26.1	50.0	-16.1

HOT SIDE (Line 2)

Emission Frequency (MHz)	Test Detector	Analyzer Reading (dBuV)	Site Correction Factor (dB)	Emission Level (dBuV)	QP Limit (dBuV)	QP Margin (dBuV)	AV Limit (dBuV)	AV Margin (dBuV)
0.193	Pk	45.2	1.7	46.9	63.9	-17.0	53.9	-7.0
0.259	Qp	44.8	1.3	46.1	61.5	-15.4	N/A	N/A
0.259	Av	19.1	1.3	20.4	61.5	-41.1	51.5	-31.1
0.328	Qp	39.3	1.0	40.3	59.5	-19.2	N/A	N/A
0.328	Av	15.3	1.0	16.3	59.5	-43.2	49.5	-33.2
0.387	Qp	42.5	1.0	43.5	58.1	-14.6	N/A	N/A
0.387	Av	17.7	1.0	18.7	58.1	-39.4	48.1	-29.4
0.459	Qp	39.0	0.9	39.9	56.7	-16.8	N/A	N/A
0.459	Av	17.7	0.9	18.6	56.7	-38.1	46.7	-28.1
0.897	Qp	42.0	0.8	42.8	56.0	-13.2	N/A	N/A
0.897	Av	23.1	0.8	23.9	56.0	-32.1	46.0	-22.1
17.110	Pk	36.0	3.6	39.6	60.0	-20.4	50.0	-10.4
26.670	Pk	23.4	4.4	27.8	60.0	-32.2	50.0	-22.2

TEST PERSONNEL:

Signature:



Test Date:

May 18, 2003

Typed/Printed
Name:

Daniel Baltzell

Position:

Test Engineer