

**ATTACHMENT D – Test Data**  
**Summary of Test Results**



Test Date(s): April 7-8, 2005

Test Engineer:

*Alberto*

**Table A-1. Summary of Test Results**

FCC Part 15 Section	Description	Result
15.107	Conducted Emissions	PASS
15.109	Radiated Spurious Emissions	PASS

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**ATTACHMENT D – Test Data (Cont.)**

**Radiated Test Data/Plots**

FREQ (MHz)	Level (dBm)	AFCL (dB/m)	POL (H/V)	Height (m)	Azimuth (° angle)	F/S (dBuV/m)	Margin (dB)
0.53	- 90.0	9.2	Loop	1.2	0	26.2	-25.94
0.54	- 90.3	9.2	Loop	1.2	20	25.9	- 26.24
0.56	- 91.0	9.1	Loop	1.2	10	25.1	-27.04
0.57	- 90.4	9.1	Loop	1.2	10	25.7	-26.44
0.59	- 90.0	9.1	Loop	1.2	10	26.1	-26.04
0.59	- 90.2	9.1	Loop	1.2	0	25.9	- 26.24

**Table A-2. Radiated Measurements at 3-meters**

Frequency (MHz)	Field strength (microvolts/meter)	Measure- ment dis- tance (meters)
0.009–0.490 .....	2400/F(kHz)	300
0.490–1.705 .....	24000/F(kHz)	30
1.705–30.0 .....	30	30
30–88 .....	100**	3
88–216 .....	150**	3
216–960 .....	200**	3
Above 960 .....	500	3



\*\* Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54–72 MHz, 76–88 MHz, 174–216 MHz or 470–806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

**NOTES:**

1. All modes of operation were investigated and the worst-case emissions are reported.

2. Sample Calculation of limit @ 593kHz  
 $24000/593 = 40.47 \text{ uV/m}$  or  $32.14 \text{ dBuV/m @ 30m}$ . Limit at 3m is  $52.14 \text{ dBuV/m}$ .

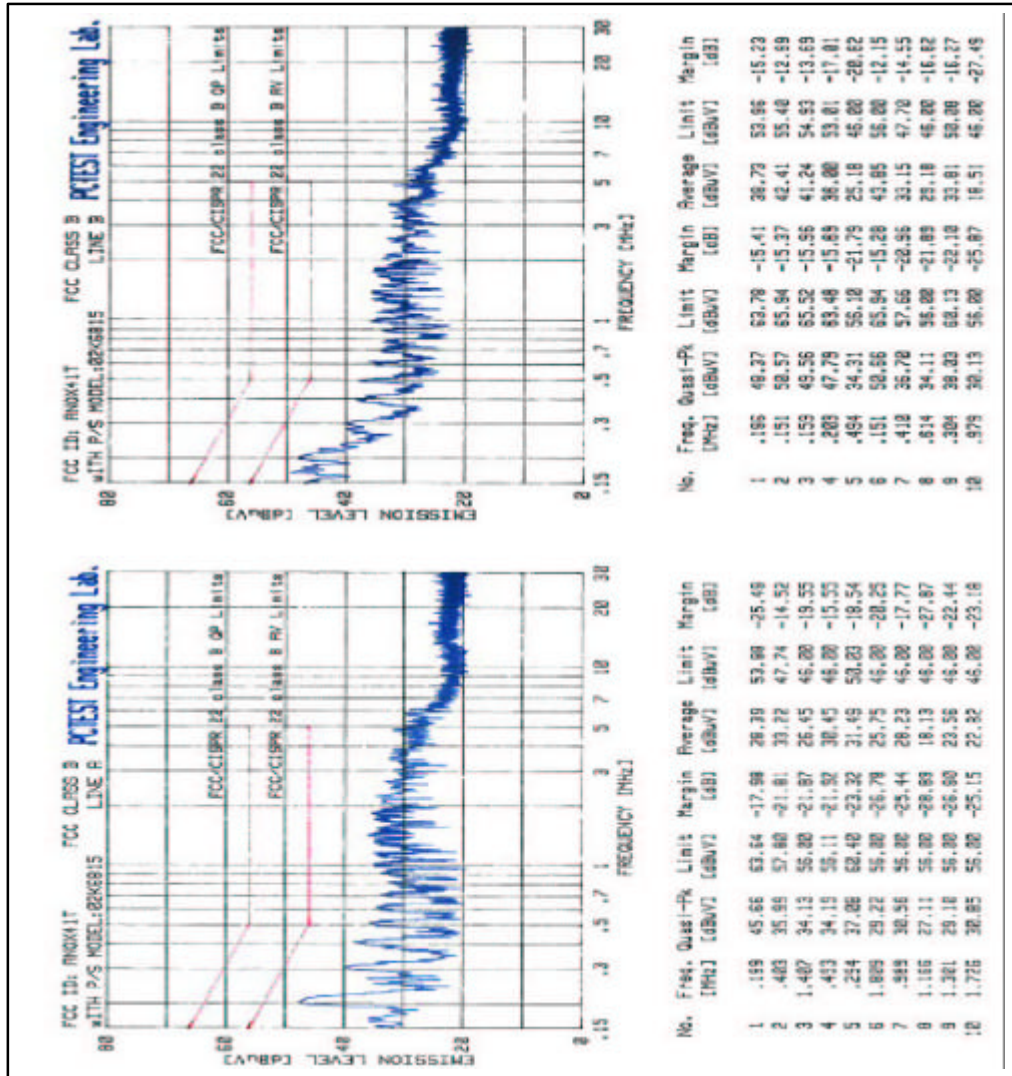
- 1 AFCL = Antenna Factor (EMCO Loop) and Cable Loss (30 ft. RG58C/U).  
 2 Measurements using CISPR quasi-peak mode

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**Line-Conducted Test Data**

Plot A-1. Line-Conducted Test Plot



**Notes:**

1. All Modes of operation were investigated and the worst-case emissions are reported.
2. The limit for Class B device(s) from 150kHz to 30MHz are specified in EN55022.
3. Line A = Phase; Line B = Neutral
4. Deviations to the Specifications: *None*.



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**Test Support Equipment Used**

1. IBM ThinkPad X41 Tablet Series FCC ID: ANOX41T (EUT) S/N: 030

Note: See Attachment F – Test Setup Photographs, for actual system test setup.

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