Engineering and Testing for EMC and Safety Compliance

Accredited under NVLAP Lab Code 200061-0

Radiated Test Data

Resolution Engineering, LLC
226 Locust Street
Suite 4
Hudson, WI 54016

Model: RF245
345 MHz

360 Herndon Parkway, Suite 1400
Herndon, VA 20170
Tel: 703-689-0368 Fax: 703-689-2056

Temperature: 61°F Humidity: 48%										
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 (-20 dB Duty Cycle Correction) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pass/ Fail
345.025	Pk	H	0	1.0	102.1	-11.9	90.2	97.3	-7.1	Pass
690.066	Pk	H	0	1.0	59.0	-4.9	54.1	77.3	-23.2	Pass
1035.093	Pk	H	0	1.0	51.8	0.0	51.8	74.0	-22.2	Pass
1380.118	Pk	H	0	1.0	40.5	4.8	45.3	74.0	-28.7	Pass
1725.153	Pk	H	0	1.4	38.8	7.4	46.2	77.3	-31.1	Pass
2070.000	Pk	H	0	1.0	43.8	-4.1	39.7	77.3	-37.6	Pass
2760.330	Pk	H	0	1.0	38.7	-3.2	35.5	74.0	-38.5	Pass
3105.361	Pk	H	0	1.0	40.5	-3.0	37.5	77.3	-39.8	Pass
3450.370	Pk	H	0	1.0	46.9	-2.7	44.2	77.3	-33.1	Pass

Note: Limit/Distance: FCC 15.231(b)/3M

Test Personnel:

Daniel W. Baltzell		March 26, 2007
Test Engineer	Signature	Date Of Test

Test Equipment

Barcode	Manufacturer	Model	Part Type	Serial Number	Calibration Due
901364	MITEQ	JS4-00102600-41-5P	Amplifier, 0.1-26 GHz, 28 dB gain	N/A	3/12/08
901425	Insulated Wire, Inc.	KPS-1503-2400-KPS	RF cable, 20'	NA	12/5/07
901424	Insulated Wire Inc.	KPS-1503-360-KPS	RF cable 36"	NA	12/5/07
901053	Schaffner Chase	CBL6112B	Bi-Log Antenna (20 MHz - 2 GHz)	2648	11/01/07
900772	EMCO	3161-02	Horn Antenna (2 - 4 GHz)	9804-1044	6/14/10