



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: REDWS Unit #1  
345 MHz**

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*The test results relate only to the EUT tested.*

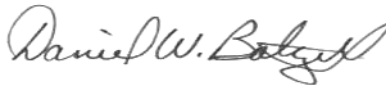
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Temperature: 61°F Humidity: 48%										
Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (-20 dB Duty Cycle Correction) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pass/Fail
345.034	Pk	V	180	1.3	99.4	-11.9	87.5	97.3	-9.8	Pass
690.064	Pk	H	0	1.0	62.3	-4.9	57.4	77.3	-19.9	Pass
1035.108	Pk	H	0	1.0	61.2	0.0	61.2	74.0	-12.8	Pass
1380.146	Pk	H	0	1.0	38.6	4.8	43.4	74.0	-30.6	Pass
1725.176	Pk	H	270	1.8	51.1	7.4	58.5	77.3	-18.8	Pass
2070.273	Pk	H	0	1.0	59.2	-4.2	55.0	77.3	-22.3	Pass
2415.273	Pk	H	0	1.0	54.2	-3.9	50.3	77.3	-27.0	Pass
2760.273	Pk	H	0	1.0	53.7	-3.2	50.5	74.0	-23.5	Pass
3105.363	Pk	H	0	1.0	44.3	-3.0	41.3	77.3	-36.0	Pass
3450.273	Pk	H	0	1.0	44.6	-2.7	41.9	77.3	-35.4	Pass

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

**Test Personnel:**

Daniel W. Baltzell  
 Test Engineer



Signature

March 26, 2007  
 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, 28dB 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