



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 #2  
319.5 MHz**

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

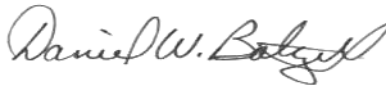
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Temperature: 61°F Humidity: 48%										
Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (-20 dB Duty Cycle Correction) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pass/Fail
319.539	Pk	H	0	1.0	108.0	-12.8	95.2	95.9	-0.7	Pass
639.080	Pk	H	0	1.0	67.2	-5.5	61.7	75.9	-14.2	Pass
958.621	Pk	H	0	1.0	59.9	-0.4	59.5	75.9	-16.4	Pass
1278.164	Pk	V	270	1.5	48.9	3.6	52.5	75.9	-23.4	Pass
1597.705	Pk	V	200	1.5	52.4	6.4	58.8	74.0	-15.2	Pass
1917.246	Pk	H	0	1.5	43.4	9.8	53.2	75.9	-22.7	Pass
2236.825	Pk	V	0	1.0	49.4	-4.1	45.3	74.0	-28.7	Pass
2556.380	Pk	H	0	1.0	51.4	-3.3	48.1	75.9	-27.8	Pass
2875.925	Pk	V	0	1.0	55.3	-3.0	52.3	74.0	-21.7	Pass
3195.485	Pk	H	0	1.0	48.0	-2.9	45.1	75.9	-30.8	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, 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