



Engineering and Testing for EMC and Safety Compliance



Accredited under A2LA Testing Certificate # 2653.01

**Transceiver**

Frequency (MHz)	Horizontal Polarity – Spectrum Analyzer Level (dBuV)	Vertical Polarity – Spectrum Analyzer Level (dBuV)	Site Correction Factor (dB/m)	Corrected Analyzer Level (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)
319.500	109.4	106.2	-17.6	91.8	95.9	-4.1
639.000	78.8	76.1	-11.0	67.8	75.9	-8.1
958.500	69.8	60.0	-7.9	61.9	75.9	-14.0
1278.000	58.2	54.8	-5.5	52.7	75.9	-23.2
1597.500	47.1	46.0	-3.6	43.5	74.0	-30.5
1917.000	46.9	45.2	-0.6	46.3	75.9	-29.6
2236.500	39.2	35.7	-6.2	33.0	74.0	-41.0
2556.000	47.7	46.8	-7.1	40.6	75.9	-35.3
2875.500	46.9	44.0	-5.6	41.3	74.0	-32.7
3195.000	42.8	42.8	-5.6	37.2	75.9	-38.7

**Test Equipment for Testing Field Strength of Spurious Radiation**

RTL Asset #	Manufacturer	Model	Part Type	Serial Number	Calibration Due Date
900791	Chase	CBL6111B	Bilog antenna (30 MHz – 2000 MHz)	N/A	12/12/10
900772	EMCO	3161-02	Horn Antennas (2 – 4 GHz)	9504-1044	6/14/10
901215	Hewlett Packard	8596EM	EMC Analyzer (9 kHz – 12.8 GHz)	3826A00144	10/23/10
901425	Insulated Wire Corp.	KPS-1503-2400-KPS	RF Cable, 20'	NA	10/17/10
901424	Insulated Wire Inc.	KPS-1503-360-KPS	RF Cable 36"	NA	10/17/10