



Engineering and Testing for EMC and Safety Compliance



Accredited under A2LA Testing Certificate # 2653.01

KeyFob

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)
433.889	100.7	102.0	-14.6	87.4	100.8	-13.4
867.777	60.6	65.9	-8.8	57.1	80.8	-23.7
1301.670	48.2	55.5	-5.4	50.1	74.0	-23.9
1735.560	31.0	30.7	-2.1	28.9	80.8	-51.9
2169.449	49.7	42.0	-6.4	43.3	80.8	-37.5
2603.338	40.9	46.1	-6.9	39.2	80.8	-41.6
3037.227	28.2	25.3	-5.8	22.4	80.8	-58.4
3471.116	22.5	23.0	-5.5	17.5	80.8	-63.3
3905.005	18.8	18.2	-4.3	14.5	74.0	-59.5
4338.894	18.4	20.2	1.1	21.3	74.0	-52.7

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