





















<b>Normative Reference Standard</b>	FCC CFR 47 §15.249; RSS-210
<b>Procedure Reference</b>	ANSI C63.4:2009

<b>Temperature</b>	25 +/- 5 °C
<b>Humidity</b>	40 +/- 10 %
<b>Barometric Pressure</b>	101 +/- 3 kPa

ASSET NUMBER	MANUFACTURER	MODEL	DESCRIPTION	LAST CAL / NEXT CAL DUE
00241	R&S	FSP40	Spectrum Analyzer	09-Apr-13 / 09-Apr-15
00072	EMCO	2075	Mini-mast	n/a
00073	EMCO	2080	Turn Table	n/a
00071	EMCO	2090	Multi-Device Controller	n/a
00050	Chase	CBL-6111A	Bilog Antenna	25-Apr-14 / 25-Apr-16
00034	ETS	3115	Double Ridged Guide Horn	*06-Dec-12 / 06-Mar-15
00161	Waveline	899	18-26.5 GHz Horn	N/A

- ## SETUP DRAWING, SETUP DRAWING – RADIATED TX SPURIOUS EMISSIONS (> 1 GHz)

The diagram illustrates a typical TEM cell setup. A Spectrum Analyzer is connected to a Pre-Amplifier, which is then connected via an RF Cable to a probe. The probe is positioned at a height of 1~4 m from a horizontal ground plane. The probe is connected to a vertical structure that supports two horizontal arms, each holding a probe. The distance between the two probes is 3 m. The distance from the probe to the ground plane is 1 m. The probe is connected to a Test table & Turntable, which is positioned at a height of 80 cm from the ground plane. The EUT (Equipment Under Test) is placed on the Test table & Turntable.











## TLink - Low Power Transmitter

Frequency (MHz)	Antenna Pol.	Emission Level (dBuV/m) @1m	Antenna Factor (dB)	Cable Loss	Distance Correction	D/C Corr.	Emission Level (dBuV/m@3 m)	Limit (dBuV/m@3m)	Margin
4804	V	37.7	32.9	2.3	-9.54	-20	43.36	54	-10.64
4884	V	37.2	32.9	2.3	-9.54	-20	42.86	54	-11.14
4960	V	35.1	32.9	2.3	-9.54	-20	40.76	54	-13.24

Data presented using a Pk detector compared to average limits.  
Device characterization was performed on all axis to determine worst case orientation.  
The device was tested using a fresh battery charge throughout testing.  
Worst case performance has been presented.  
The Device was searched to the 10<sup>th</sup> harmonic of the fundamental (24GHz). No harmonics beyond 4.8GHz were detected.  
All detected emissions have been reported.

15.209 Radiated Emissions - Note: the 450 MHz emission in the plots below is an ambient emission and not from this device.  
Lower Band Channel





















