

6.3.2 Frequency Measurements (Fundamental & Harmonics)

Operating Frequency: 2.47 GHz
 Distance of Measurements: 3 meters
 Channel: 3

FREQ. (GHz)	Level* (dBm)	AFCL (dB)	POL (H/V)	FS (μ V/m)	F/S (dB μ V/m)	DET. (QP/AVG)	MARGIN (dB)
2.47	- 51.0	37.5	V	47315.1	93.5	AVG.	- 0.5
2.47	- 47.0	37.5	V	74989.4	97.5	PEAK	- 16.5
4.94*	- 103.0	46.9	V	350.8	50.9	AVG.	- 3.1
4.94*	- 101.2	46.9	V	431.5	52.7	PEAK	- 1.3
7.41*	- 119.0	52.3	V	114.8	41.2	PEAK	- 12.8
9.88	- 124.2	57.2	V	40.0	100.0	PEAK	- 14.0

(with no Audio & Video Inputs)

NOTES:

1. The limit at fundamental frequency is 50,000 μ V/m @ 3m. using QP detector. The harmonic limit is 500 μ V/m @ 3m.
2. The emissions radiated outside of the specified frequency band, except harmonics, are attenuated by at least 50dBc or to the limits in §15.209, whichever is lesser.
3. All harmonic emissions in the restricted bands specified in §15.205 are below the limit shown in Fig. 13 (Note: *).
4. The antenna is manipulated through typical positions and length during the tests.
5. The emissions are maximized by changing polarity of the antenna.
6. The EUT is supplied with the nominal AC voltage and/or a new/fully recharged battery.
7. All channels were investigated and the worst-case is reported.

* Restricted Band

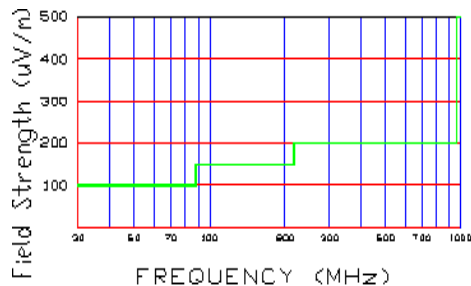


Figure 13. Spurious Radiated Limits at 3 meters