

## 6.1 Frequency Measurements (Fundamental & Harmonics)

Operating Frequency: 2.43 GHz  
 Distance of Measurements: 3 meters  
 Channel: 1

FREQ. (GHz)	Level* (dBm)	AFCL (dB)	POL (H/V)	FS ( $\mu$ V/m)	F/S (dB $\mu$ V/m)	DET. (QP/AVG)	MARGIN (dB)
2.43	- 54.3	37.4	V	31989.0	90.1	AVG.	- 3.9
2.43	- 50.3	37.4	V	50699.1	94.1	PEAK	- 19.9
4.86*	- 104.5	46.6	V	285.1	49.1	AVG.	- 4.9
4.86*	- 102.1	46.6	V	375.8	51.5	PEAK	- 2.5
7.29*	- 118.0	52.0	V	112.2	41.0	PEAK	- 13.0
9.72	- 124.0	56.8	V	138.0	39.8	PEAK	- 14.2

### NOTES:

1. The limit at fundamental frequency is 50,000  $\mu$ V/m @ 3m. using QP detector. The harmonic limit is 500 $\mu$ 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. 10 (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

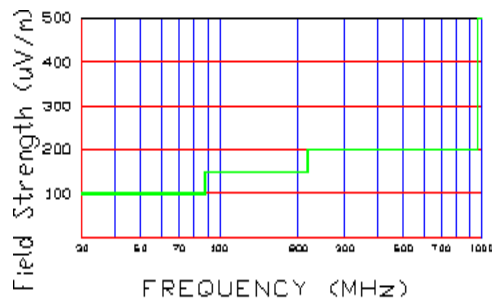


Figure 10. Spurious Radiated Limits at 3 meters

## 6.2 Frequency Measurements (Fundamental & Harmonics)

Operating Frequency: 2.45 GHz  
 Distance of Measurements: 3 meters  
 Channel: 2

FREQ. (GHz)	Level* (dBm)	AFCL (dB)	POL (H/V)	FS ( $\mu$ V/m)	F/S (dB $\mu$ V/m)	DET. (QP/AVG)	MARGIN (dB)
2.45	- 52.4	37.5	V	40271.7	92.1	AVG.	- 1.9
2.45	- 48.4	37.5	V	63826.4	96.1	PEAK	- 17.9
4.90*	- 105.0	46.8	V	275.4	48.8	AVG.	- 5.2
4.90*	- 103.0	46.8	V	346.7	50.8	PEAK	- 3.2
7.35*	- 120.0	52.2	V	91.2	39.2	PEAK	- 14.8
9.80	- 125.0	57.0	V	89.1	39.0	PEAK	- 15.0

### NOTES:

1. The limit at fundamental frequency is 50,000  $\mu$ V/m @ 3m. using QP detector. The harmonic limit is 500 $\mu$ 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. 11 (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

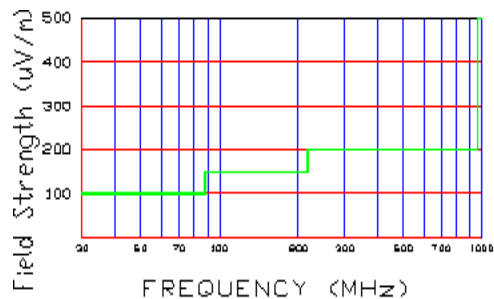


Figure 11. Spurious Radiated Limits at 3 meters

## 6.3.1 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 ( $\mu$ V/m)	F/S (dB $\mu$ V/m)	DET. (QP/AVG)	MARGIN (dB)
2.47	- 51.9	37.5	V	42657.9	92.6	AVG.	- 1.4
2.47	- 47.9	37.5	V	67608.3	96.6	PEAK	- 17.4
4.94*	- 104.0	46.9	V	312.6	49.9	AVG.	- 4.1
4.94*	- 102.0	46.9	V	393.6	51.9	PEAK	- 2.1
7.41*	- 121.0	52.3	V	82.2	38.3	PEAK	- 15.7
9.88	- 125.0	57.2	V	91.2	39.2	PEAK	- 14.8

### NOTES:

1. The limit at fundamental frequency is 50,000  $\mu$ V/m @ 3m. using QP detector. The harmonic limit is 500 $\mu$ 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. 12 (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

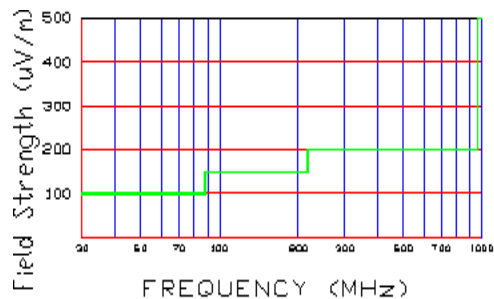


Figure 12. Spurious Radiated Limits at 3 meters

## 6.4 Frequency Measurements (Fundamental & Harmonics)

Operating Frequency: 2.41 GHz  
 Distance of Measurements: 3 meters  
 Channel: 4

FREQ. (GHz)	Level* (dBm)	AFCL (dB)	POL (H/V)	FS ( $\mu$ V/m)	F/S (dB $\mu$ V/m)	DET. (QP/AVG)	MARGIN (dB)
2.41	- 51.8	37.2	V	41686.9	92.4	AVG.	- 1.6
2.41	- 48.0	37.2	V	64565.42	96.2	PEAK	- 17.8
4.82*	- 104.5	46.5	V	281.8	49.0	AVG.	- 5.0
4.82*	- 102.5	46.5	V	354.8	51.0	PEAK	- 3.0
7.23*	- 120.0	52.0	V	177.8	45.0	PEAK	- 9.0
9.64	- 124.0	56.6	V	95.5	39.6	PEAK	- 14.9

### NOTES:

1. The limit at fundamental frequency is 50,000  $\mu$ V/m @ 3m. using QP detector. The harmonic limit is 500 $\mu$ 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. 14 (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

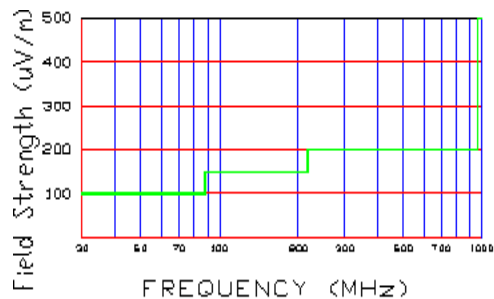


Figure 14. Spurious Radiated Limits at 3 meters