

FREQUENCY MEASUREMENTS

B. Transmitter Portion

Operating Frequency: 2.41 GHz
Distance of Measurements 3 meters
Channel: 1

Freq GHz	Level (dBm)	AFCL (dB)	POL H/V	F/S (μ V/m)	F/S (dB μ V/m)	DET.
2.41	-46.5	37.2	V	76,736.0	97.7	Peak
4.82*	-96.8	46.5	V	683.9	56.7	Peak
7.23*	-112.5	52.0	V	211.3	46.5	Peak
9.64	-116.0	56.6	V	239.9	47.6	Peak
12.05	-118.3	59.6	V	260.0	48.3	Peak

* Restricted Band

NOTES:

1. The limit at fundamental freq. Is 50,000 μ V/m @ 3m. using Average detector. The harmonic limit is 500 μ V/M @ 3m.
2. The emissions radiated outside of the specified freq. 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 or/and a new/fully recharged battery.
7. All channels were investigated and the worst-case is reported.

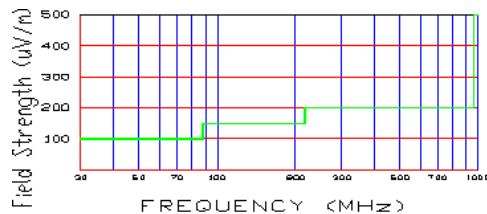


Fig. 10. Spurious Radiated Limits at 3 meters

FREQUENCY MEASUREMENTS

B. Transmitter Portion

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

Freq GHz	Level (dBm)	AFCL (dB)	POL H/V	F/S (μ V/m)	F/S (dB μ V/m)	DET.
2.45	-47.0	37.5	V	74,989.0	97.5	Peak
4.9	-97.0	46.8	V	691.8	56.8	Peak
7.35	-110.0	52.2	V	288.4	49.2	Peak
9.8	-114.2	57.0	V	309.0	49.8	Peak
12.25	-120.6	59.8	V	204.2	46.2	Peak

NOTES:

- The limit at fundamental freq. Is 50,000 μ V/m @ 3m. using Average detector. The harmonic limit is 500 μ V/M @ 3m.
- The emissions radiated outside of the specified freq. Band, except harmonics, are attenuated by at least 50dBc or to the limits in §15.209, whichever is lesser.
- All harmonic emissions in the restricted bands specified in §15.205 are below the limit shown in Fig 11. (Note *).
- The antenna is manipulated through typical positions and length during the tests.
- The emissions are maximized by changing polarity of the antenna.
- The EUT is supplied with the nominal AC voltage or/and a new/fully recharged battery.
- All channels were investigated and the worst-case is reported.

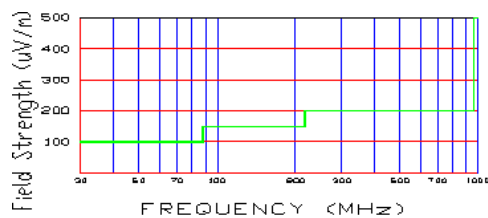


Fig. 11. Spurious Radiated Limits at 3 meters