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11 POWER SPECTRAL DENSITY TEST DATA

The Power spectral density per FCC 15.247(d) was measured from the antenna port of the EUT using a 50 ohm spectrum analyzer with the resolution bandwidth set at 3kHz, the video bandwidth set at 3kHz, and the sweep time set at 17 second. The spectral lines were resolved for the modulated carriers at 2.412GHz, 2.442GHz and 2.462GHz respectively. These levels are well below the +8 dBm limit. See power spectral density table below and the plots in Section 16 of this report.

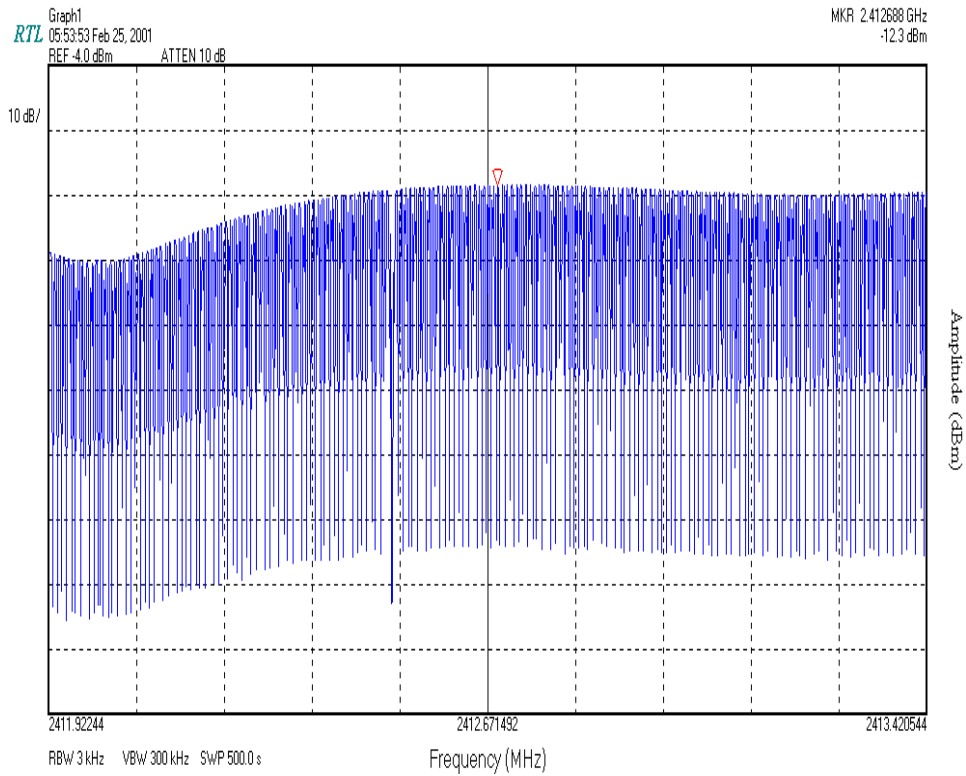
TABLE 27: POWER SPECTRAL DENSITY

Channel	Power Spectral Density limit = +8dBm
1	-12.3
6	-11.6
11	-13.9



16 SPECTRAL DENSITY PLOTS

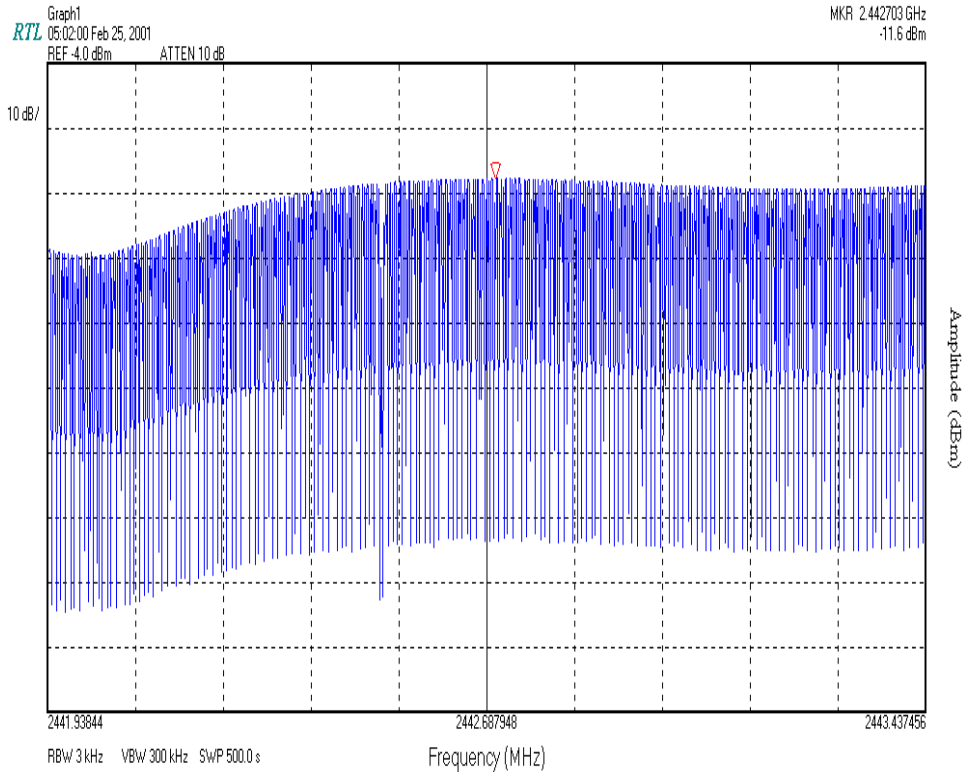
PLOT 21: CHANNEL 1





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PLOT 22: CHANNEL 6





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PLOT 23: CHANNEL 11

