ADRad Communications

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May 1, 2002

Federal Communications Commission

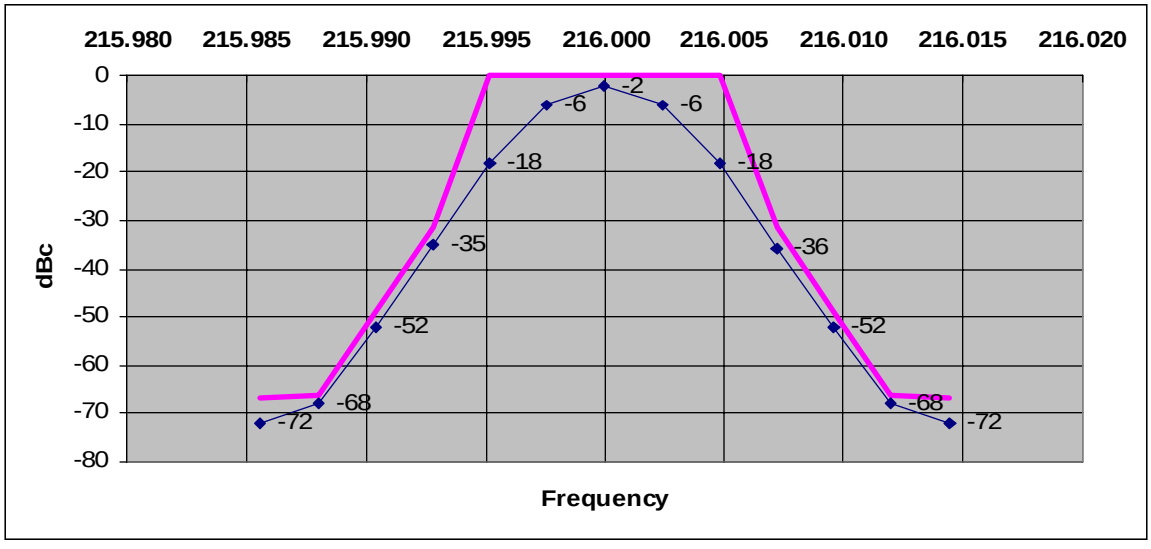
Re:	FCC ID OKRMX800FF
Applicant:	Spectra Engineering PTY LTD
Correspondence Reference Number:	22719
731 Confirmation Number:	EA632367

Dear Sir or Madam:

We are submitting data taken on the test unit, MX800FF, concerning the spectral mask. This data was created using a simulated worse case spectral content data stream for 4 level GMSK modulation. As each symbol contains two bits of data, the symbol rate for 9600 bps (bits per second) data is 4800 sps (symbols per second). The frequency of a symbol would be one of four different distances from the carrier. Simulating a "0011" pattern represents moving the carrier from one extreme to the other or in this case +/- 2.5 kHz using a square wave at 2400 Hz. The modulation was applied per the instruction manual to the appropriate input pin on the rear panel connector. TIA/EIA-603-A procedures were used for the testing.

The data was collected on a spectrum analyzer by logging the levels at each of the sidebands visible and entering the information into a spreadsheet thereby generating the envelope of the various sidebands. Each of the levels recorded is plotted on the chart for presentation of the actual values.

The limits of Emission Mask D are shown in red on the chart. The required lower limit has been calculated to be -67 dBc based on the output power of 50 watts.



Sincerely,

Chief Engineer

ADRad Communications, Inc.