





5.0 Out of Band Emissions at Antenna Terminals

FCC 22.901(d), 22.901(d), 22.917(f), 24.238(a)

Out of Band Emissions:

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least $(43 + 10 \log P)$ dB.

Mobile Emissions in Base Frequency Range:

The mean power of any emissions appearing in the base station frequency range from cellular mobile transmitters operated must be attenuated to a level not to exceed -80 dBm at the transmit antenna connector.

5.1 Test Procedure

The RF output of the transmitter was connected to a spectrum analyzer through appropriate attenuation. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic.

5.2 Test Equipment

Tektronix 2784 Spectrum Analyzer

5.3 Test Results

Complies	Refer to the attached plots.
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Cellular Band	
Plot Number	Description
5.1a - 5.1e	Low Channel, 825.25 MHz
5.2a - 5.2e	Middle Channel, 836.5 MHz
5.3a - 5.3e	High Channel, 847.75 MHz

PCS Band	
Plot Number	Description
5.4a - 5.4f	Low Channel, 1851.25 MHz
5.5a - 5.5e	Middle Channel, 1880 MHz
5.6a - 5.6f	High Channel, 1908.75 MHz

Emission in Base Frequency Range	
Plot Number	Description
5.7a	Low Channel, 825.25 MHz
5.7b	Middle Channel, 836.5 MHz
5.7c	High Channel, 847.75 MHz



























