EMC Responses to Questions to FCC ID: IHDT56FF1

2. *Please submit the output power, occupied bandwidth, and bandedge measurements for EDGE mode operation.*

OCCUPIED BANDWIDTH

CFR Part 2.1049, 22.917, 24.238

Measurement Procedure

The RF output port of the equipment under test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. The amplitude of the spectrum analyzer is corrected for the attenuator and any other applicable losses. The analyzer is set for Peak Detector and each trace is set for Max Hold. A fully charged battery was used for the supply voltage.

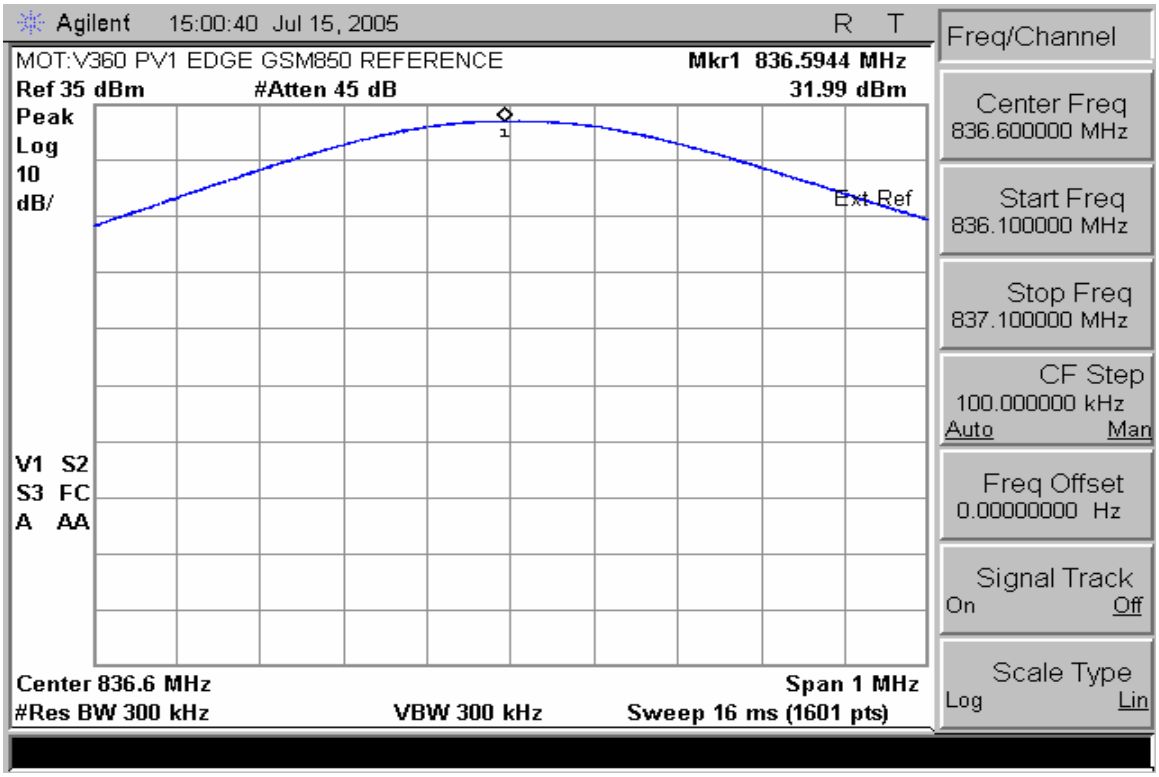
The middle channel within the designated frequency block was measured. For digital modulation, the lower and upper band edge plots are displayed.

Measurement Results

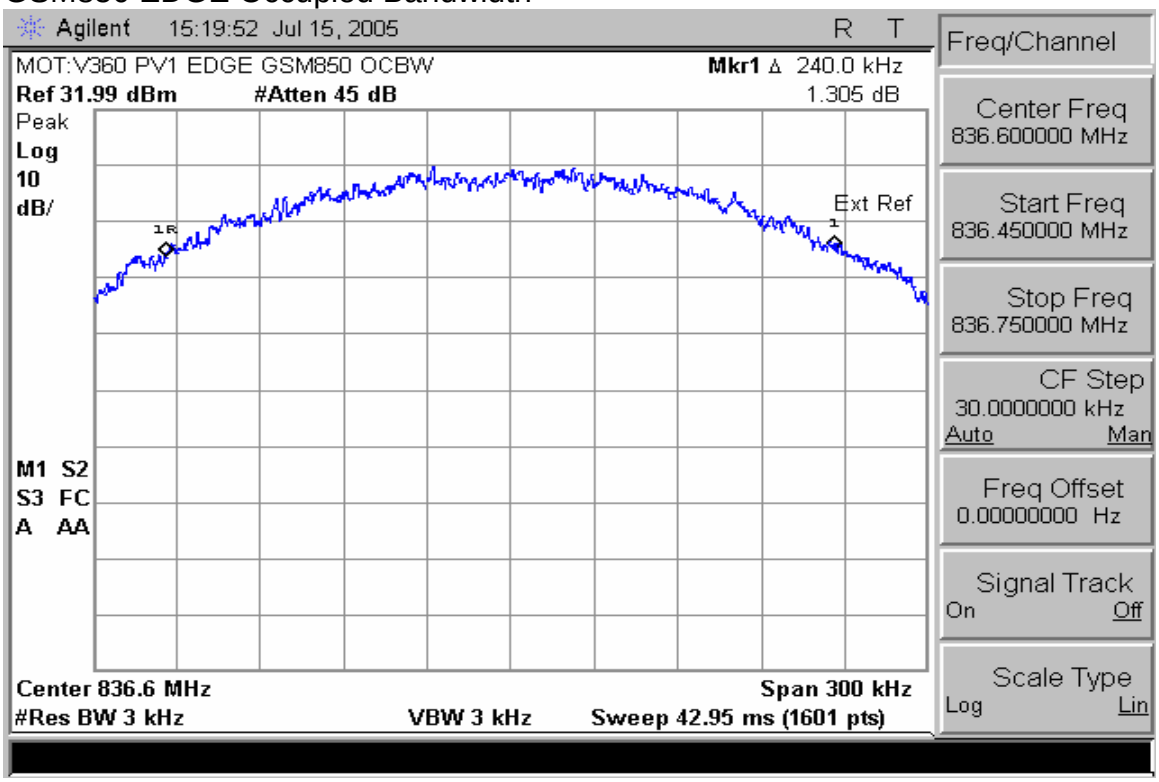
Attached

Measurement Results – EDGE GSM 850

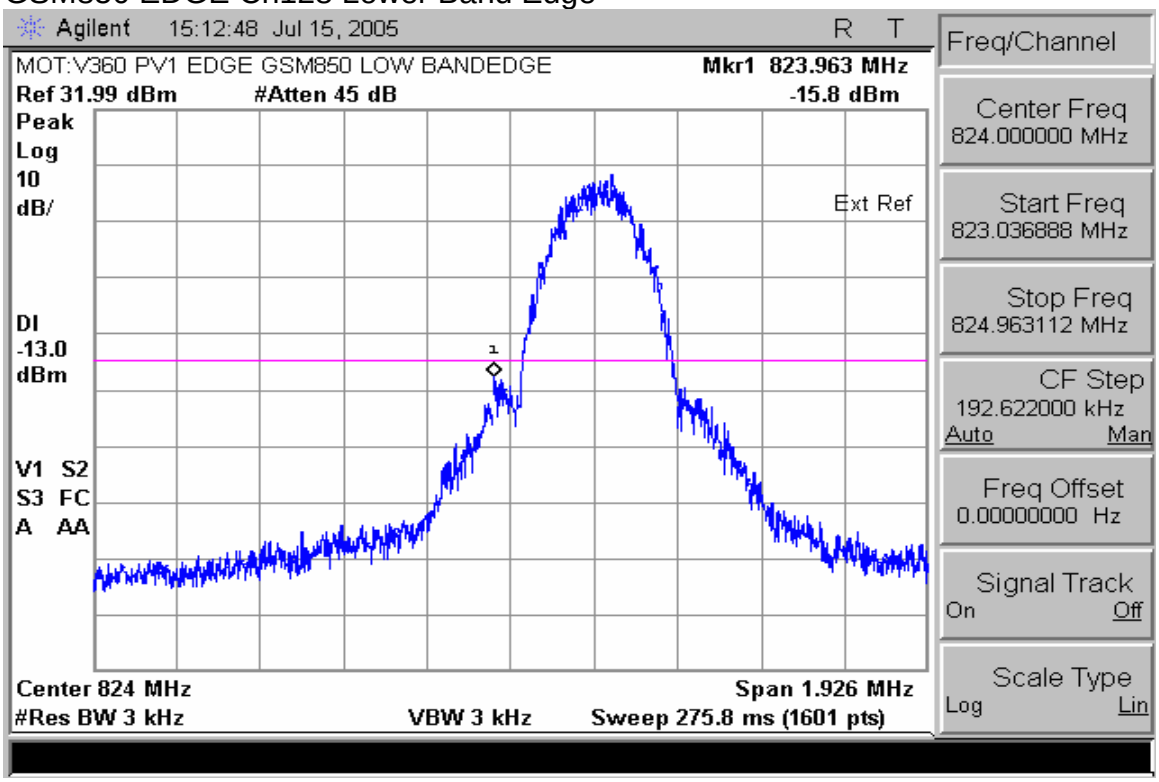
GSM850 EDGE Reference Level



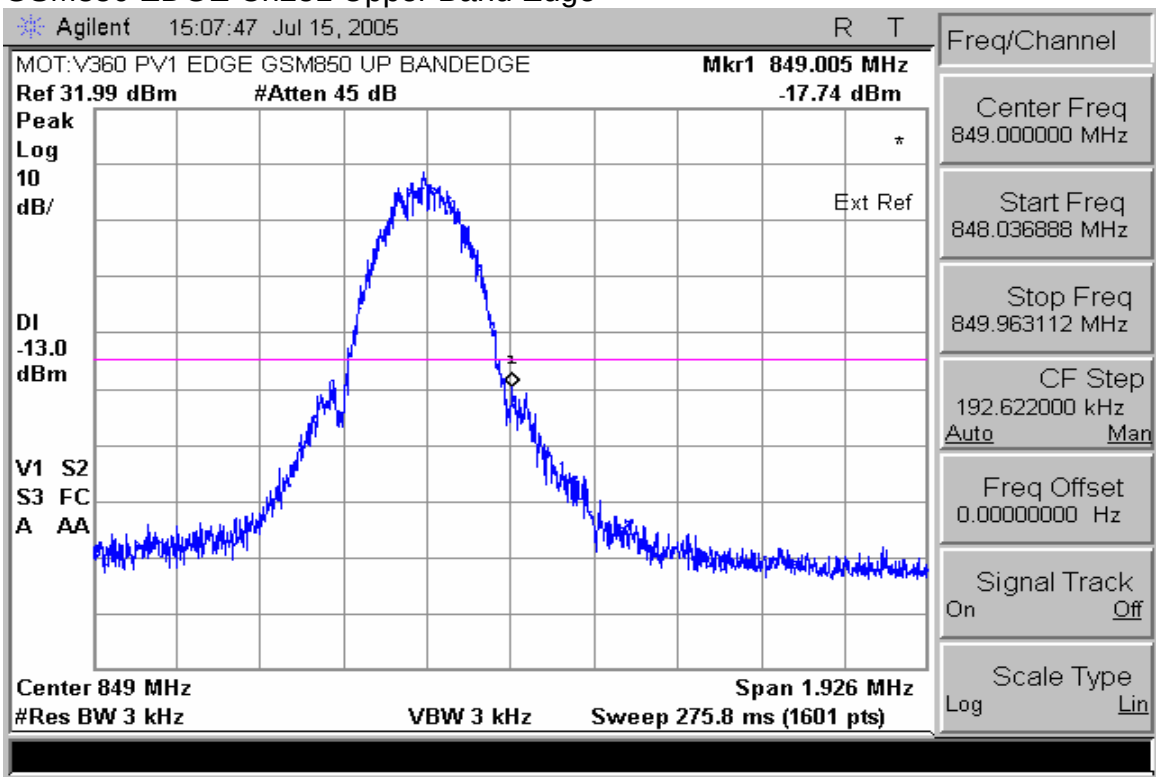
GSM850 EDGE Occupied Bandwidth



GSM850 EDGE Ch128 Lower Band Edge

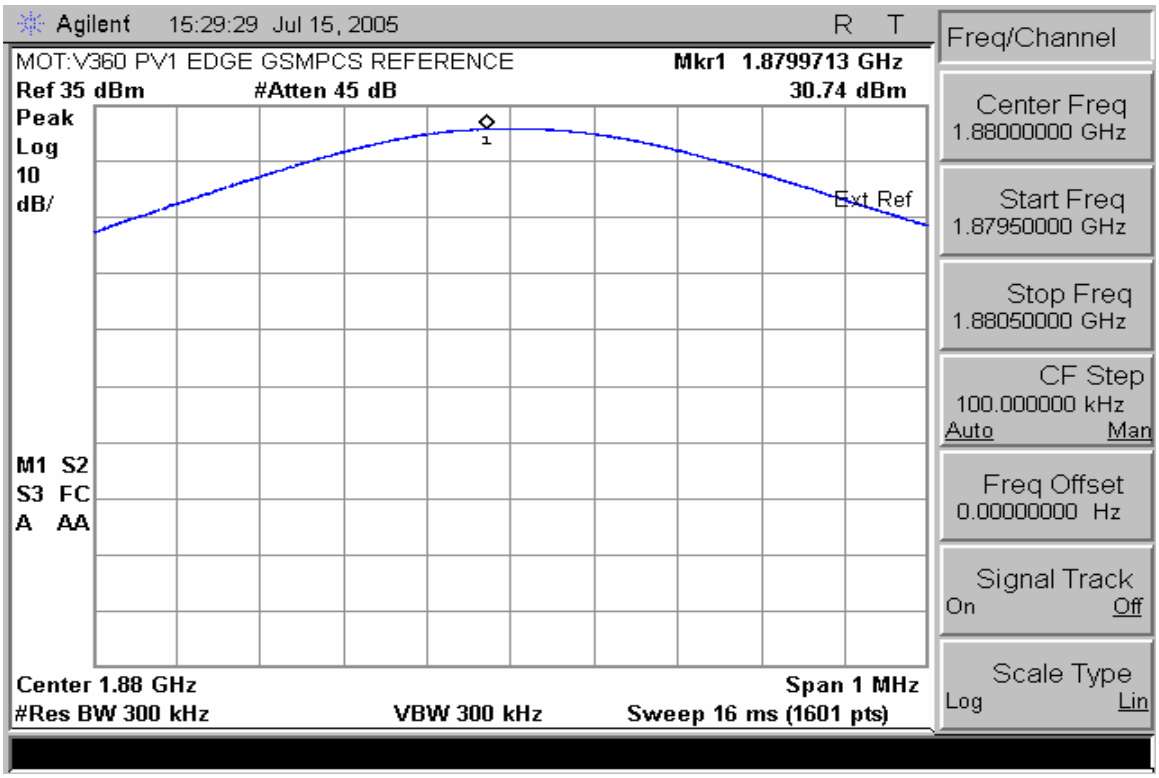


GSM850 EDGE Ch251 Upper Band Edge

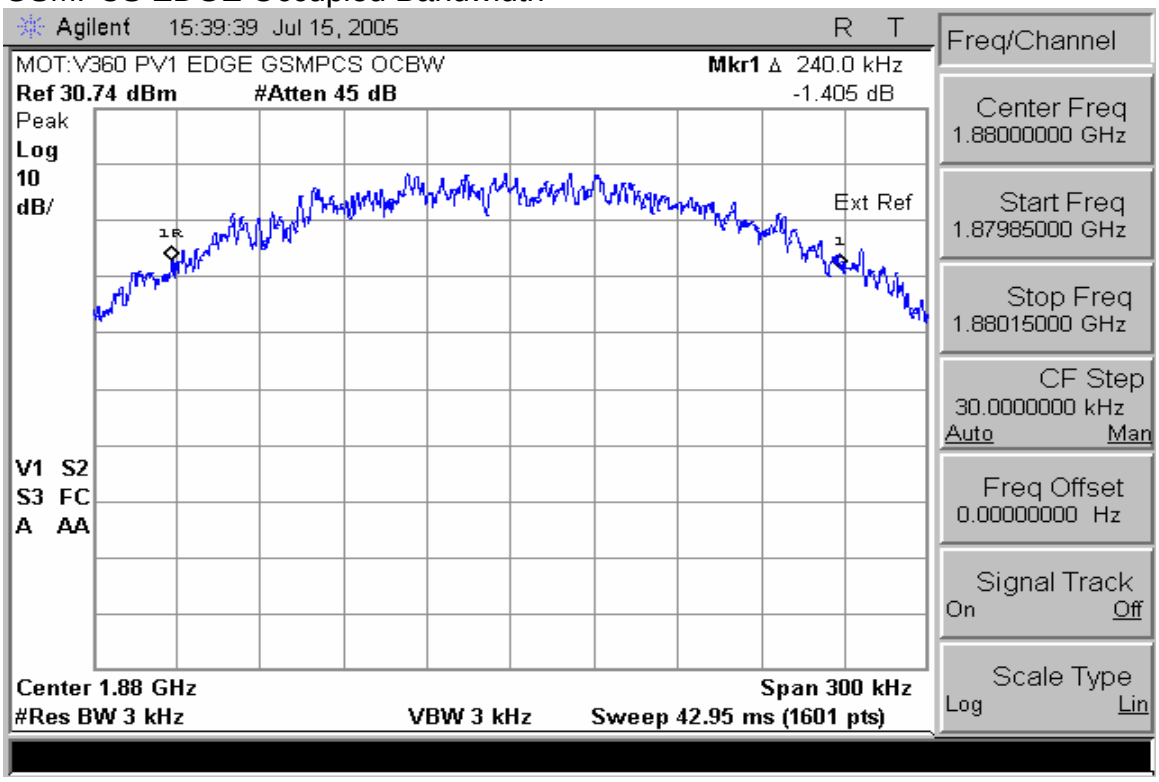


Measurement Results – EDGE GSM PCS

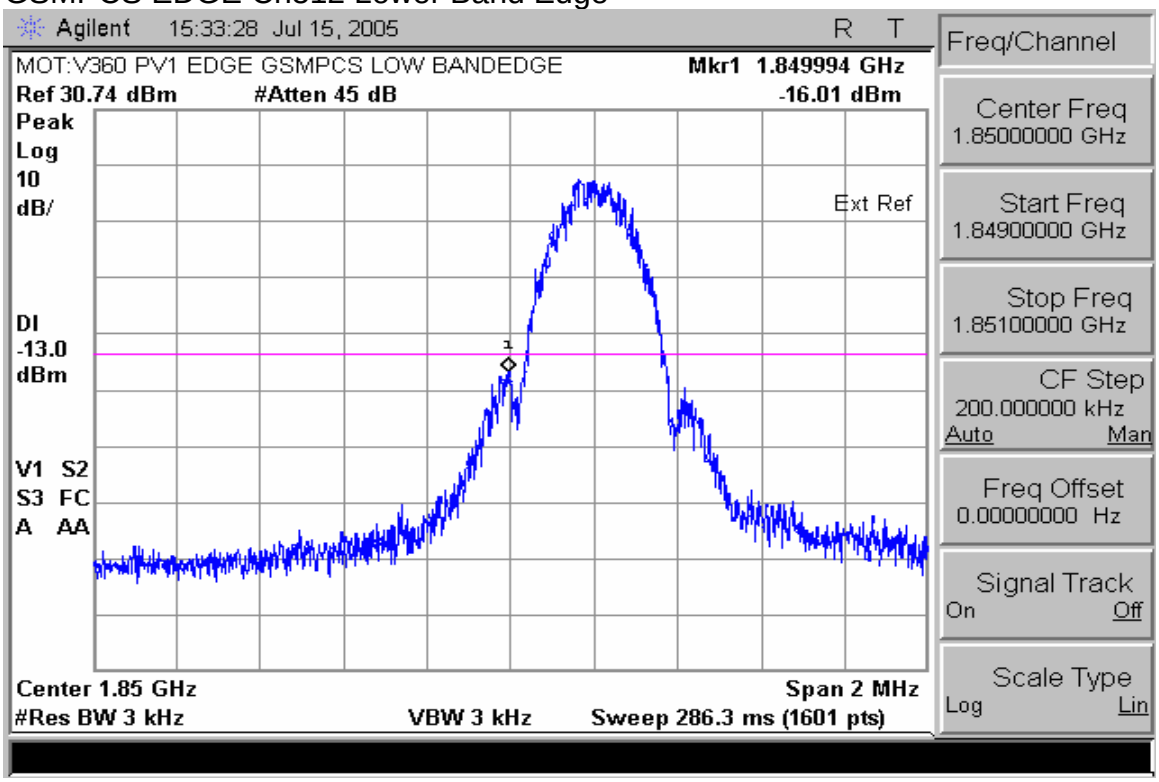
GSMPCS EDGE Reference Level



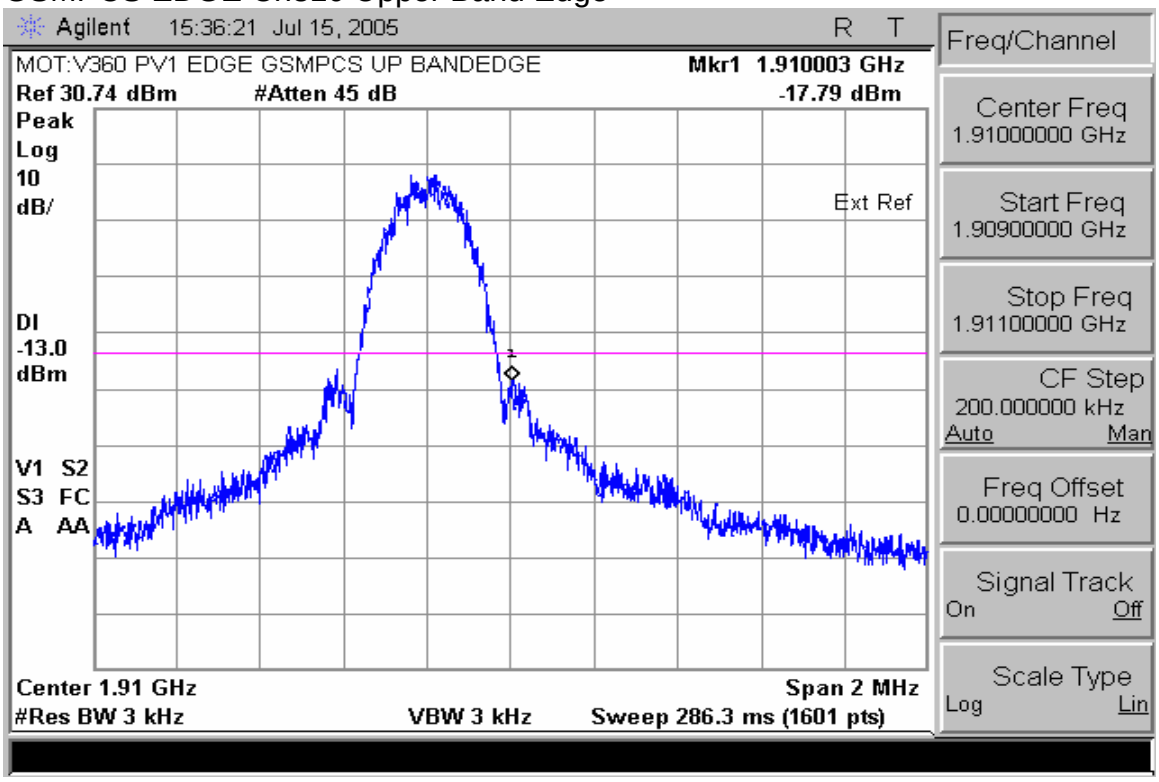
GSMPCS EDGE Occupied Bandwidth



GSMPCS EDGE Ch512 Lower Band Edge

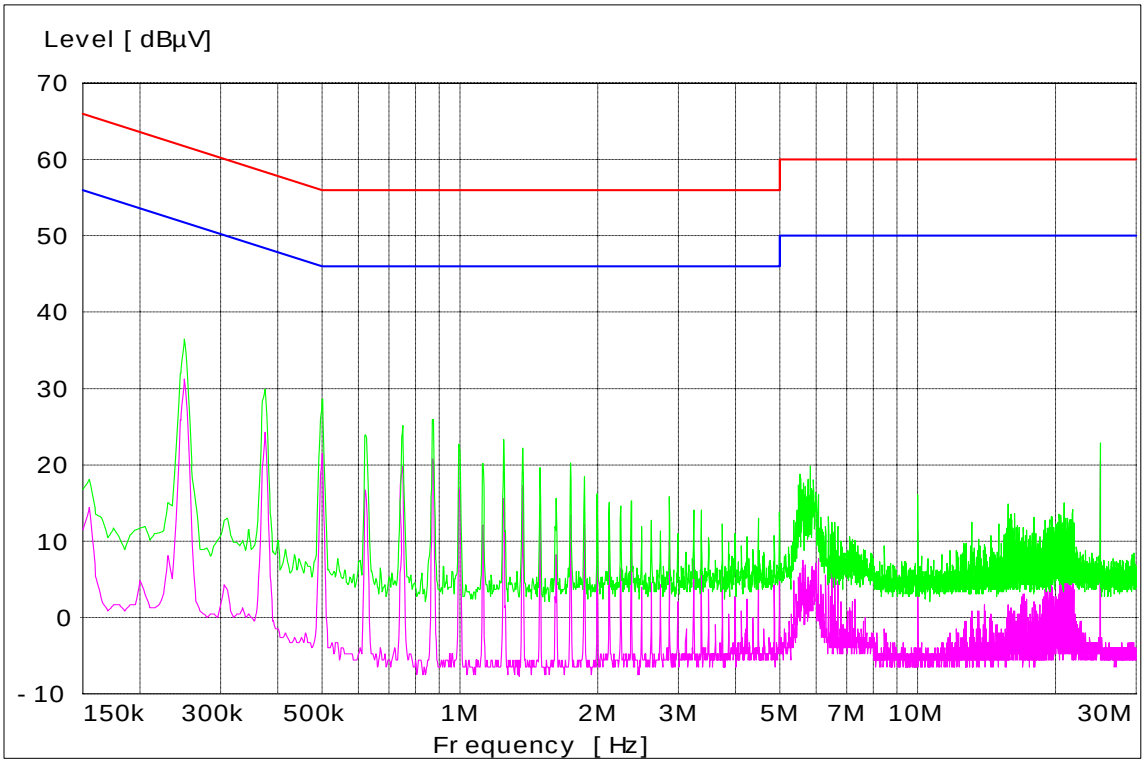


GSMPCS EDGE Ch810 Upper Band Edge

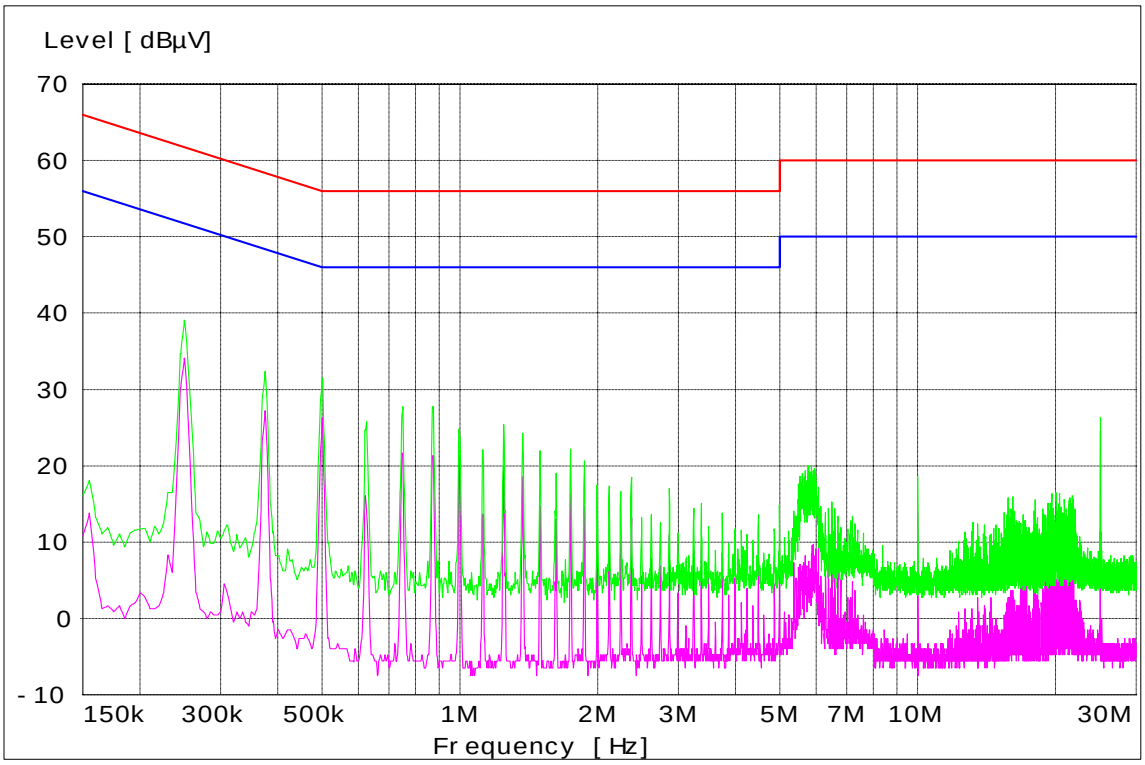


6. *Will the Bluetooth transmitter operate while the phone is in its battery charger? If so, please submit AC Line conducted data demonstrating compliance with Section 15.207.*

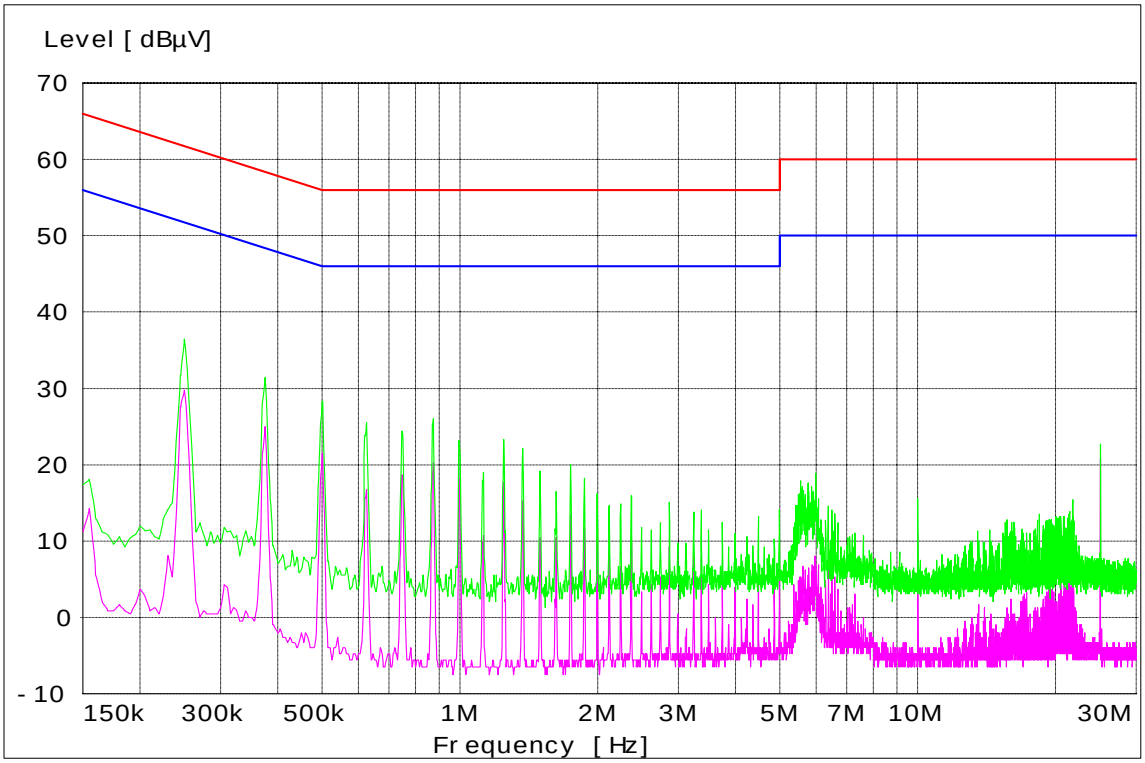
Bluetooth Channel 0 2402MHz - Tx Mode - Line Coupling Nonhopping



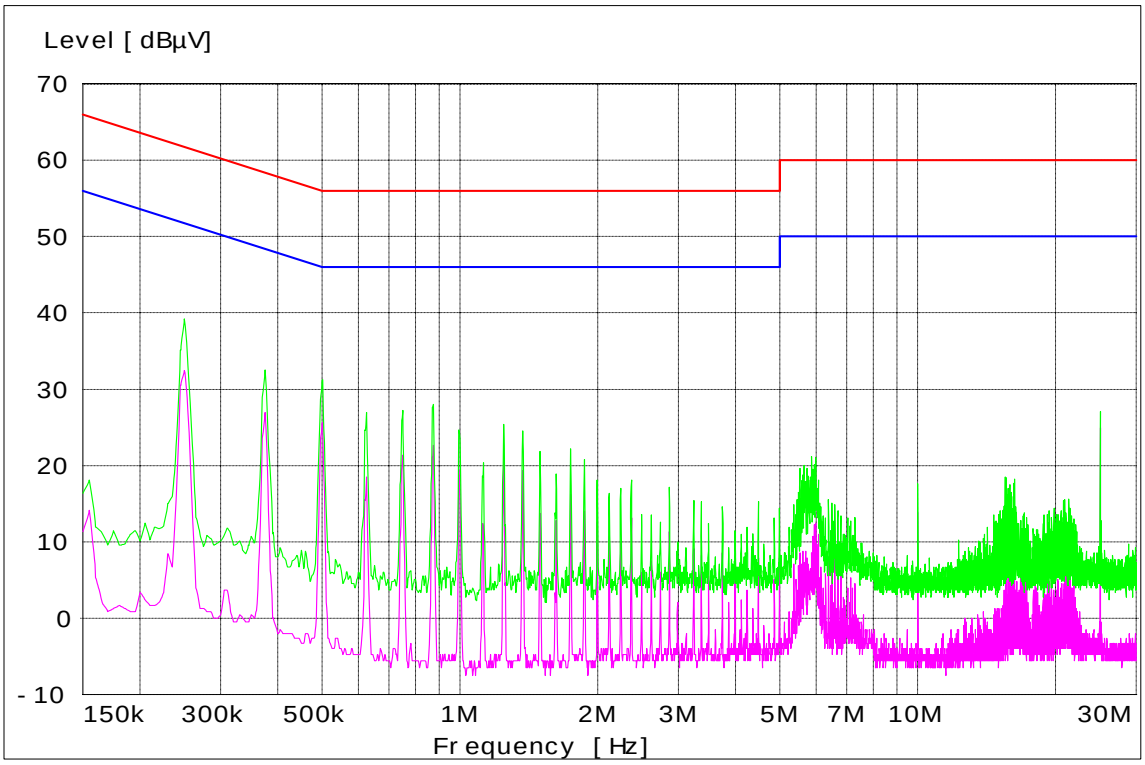
Bluetooth Channel 0 2402MHz - Tx Mode - Neutral Coupling Hopping



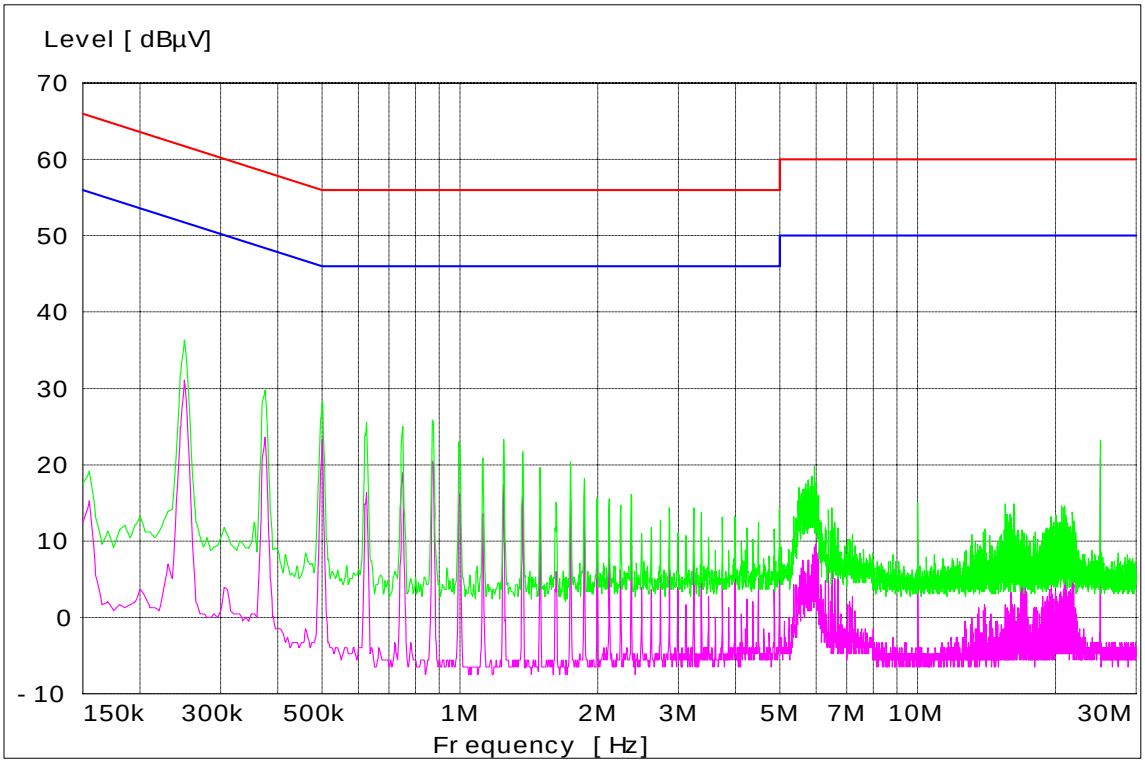
Bluetooth Channel 39 2441MHz - Tx Mode - Line Coupling Nonhopping



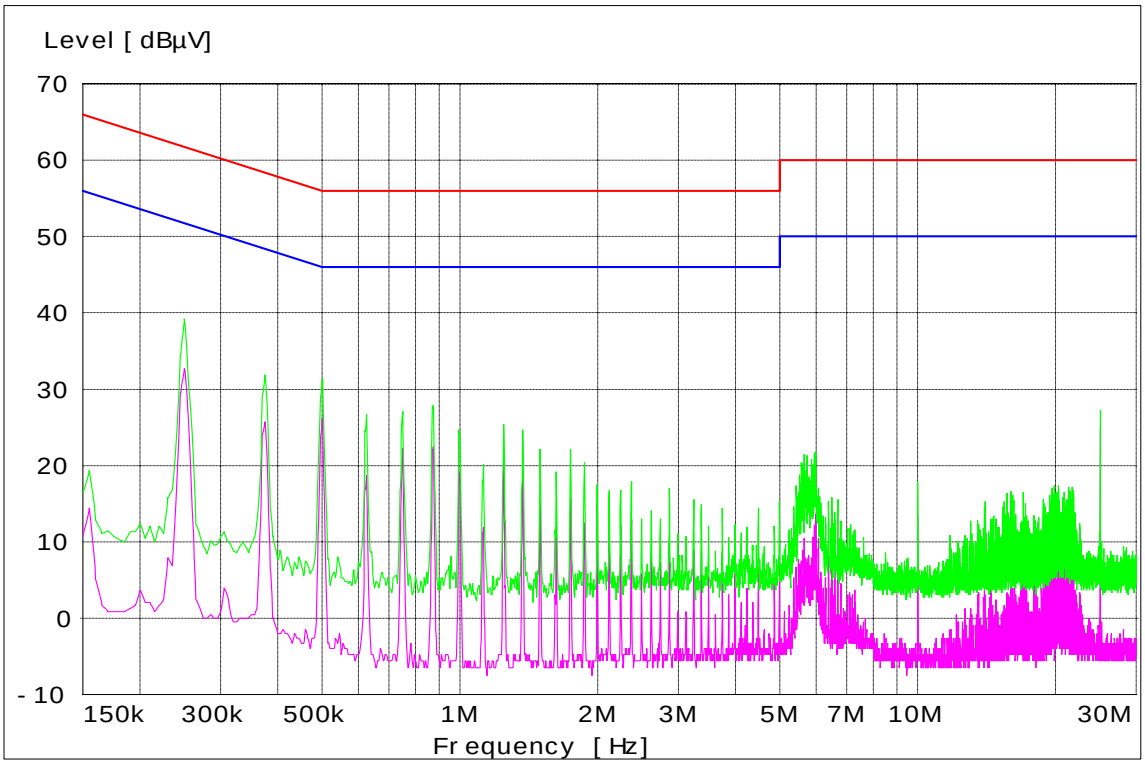
Bluetooth Channel 39 2441MHz - Tx Mode - Neutral Coupling Hopping



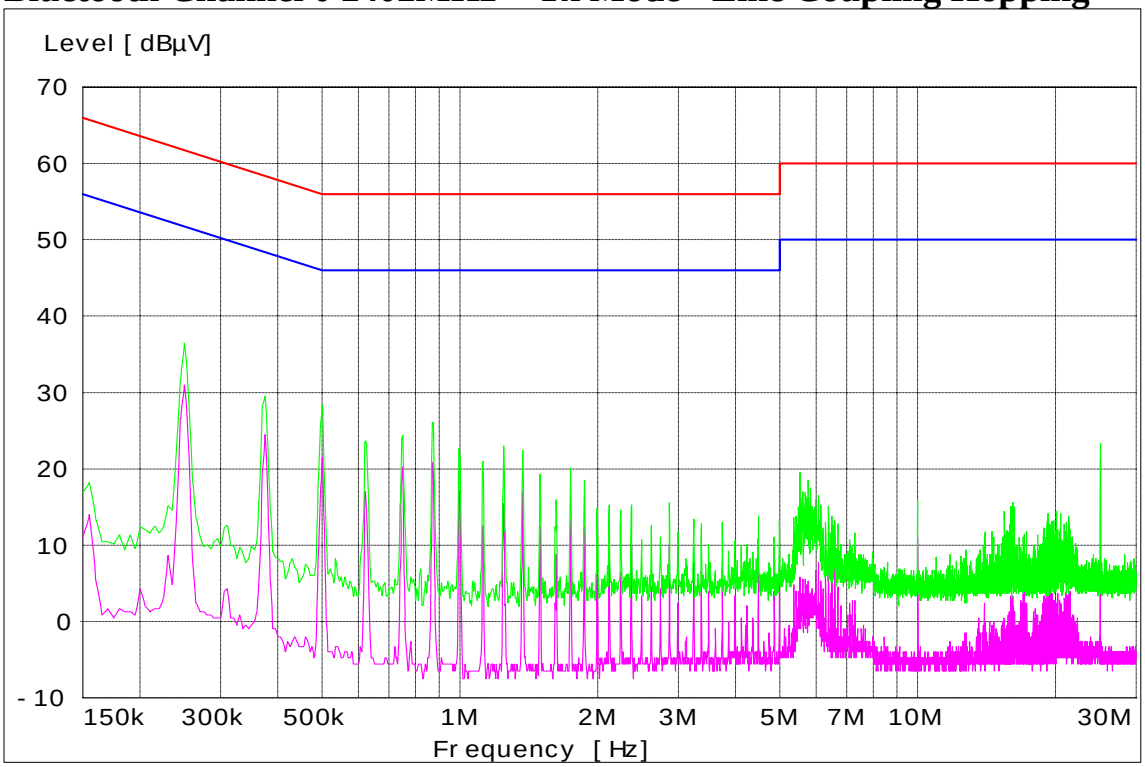
Bluetooth Channel 78 2480MHz - Tx Mode - Line Coupling Hopping



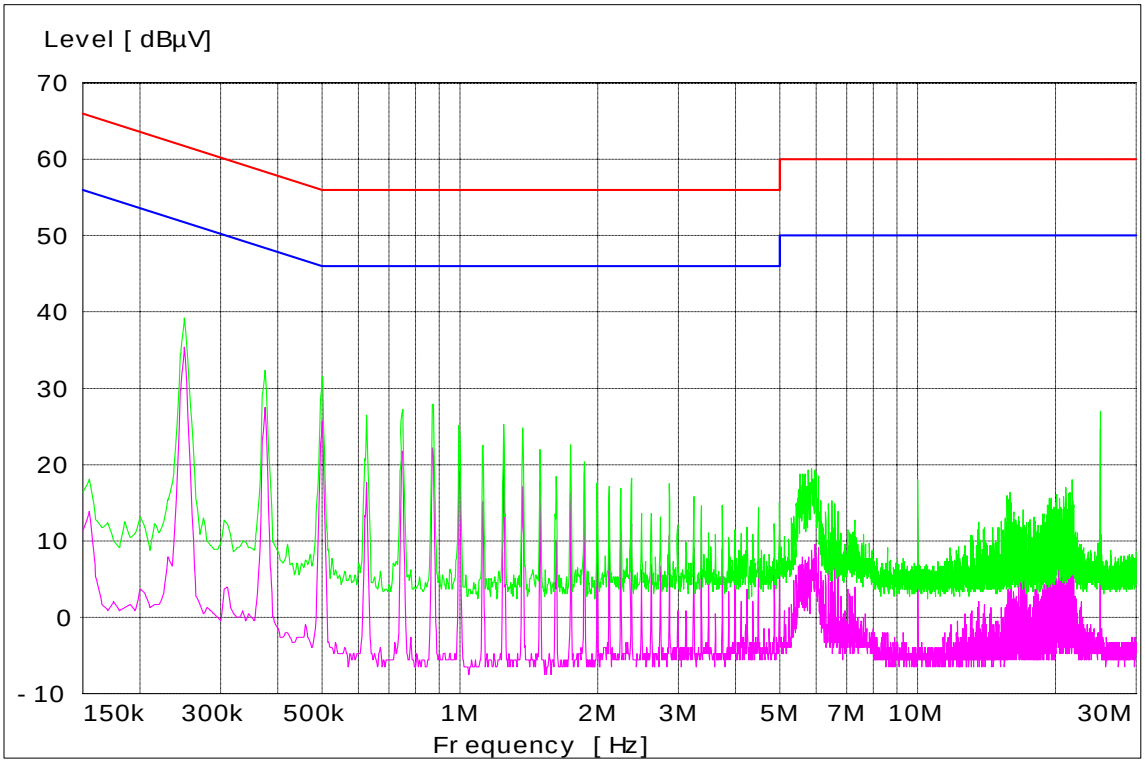
Bluetooth Channel 78 2480MHz - Tx Mode - Neutral Coupling Hopping



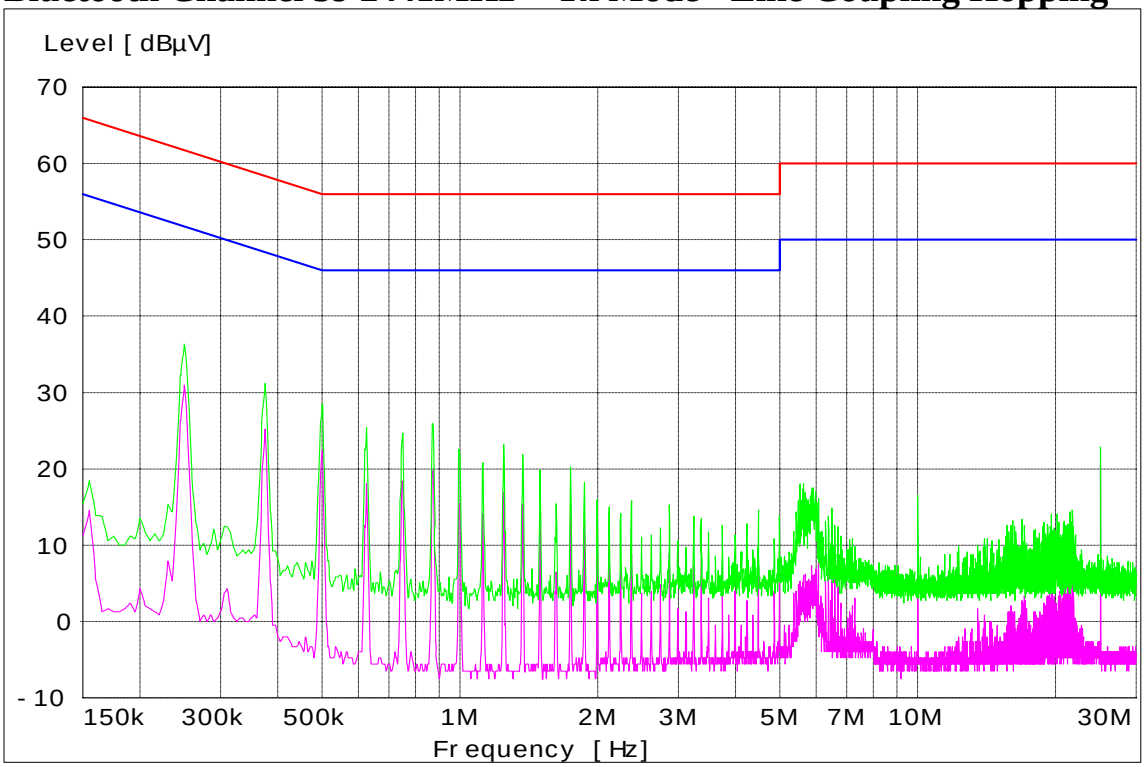
Bluetooth Channel 0 2402MHz - Tx Mode - Line Coupling Hopping



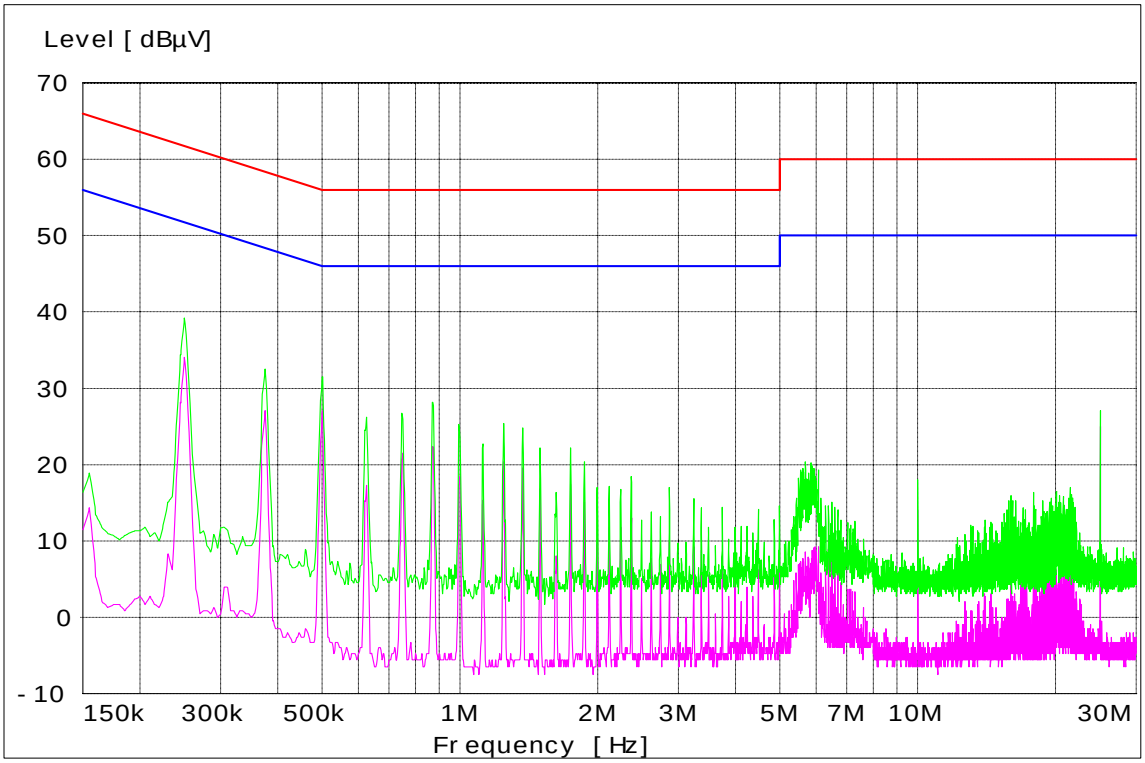
Bluetooth Channel 0 2402MHz - Tx Mode - Neutral Coupling Nonhopping



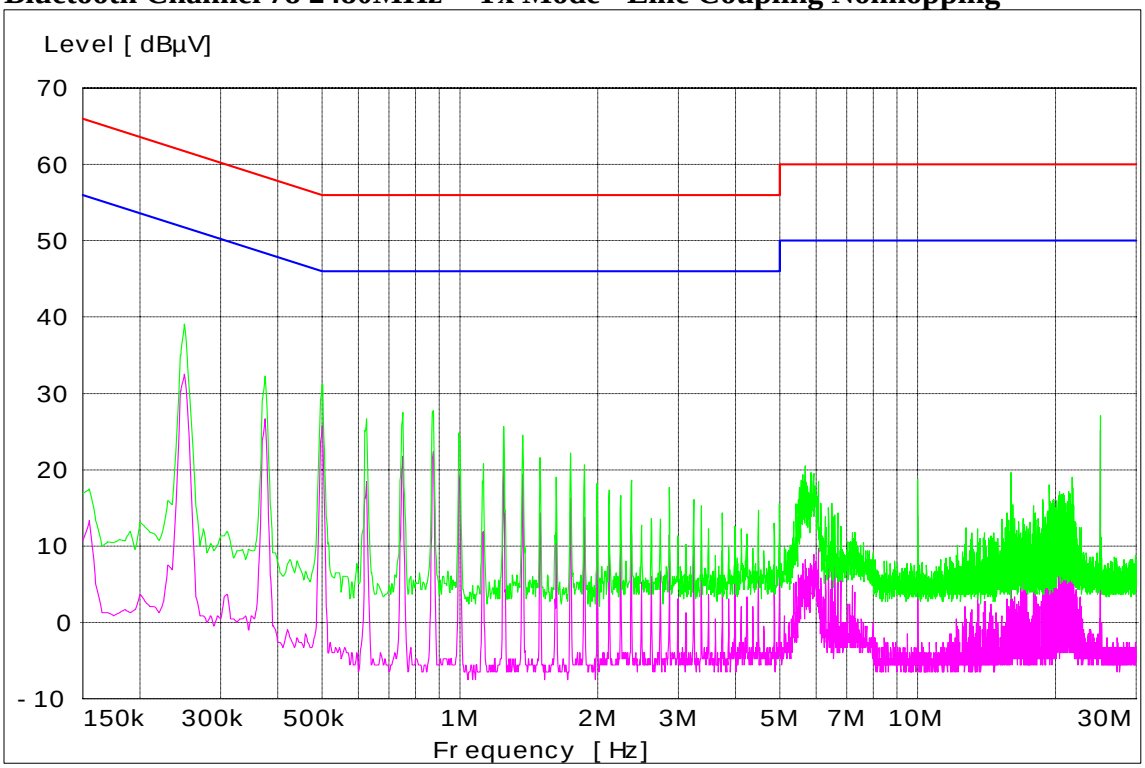
Bluetooth Channel 39 2441MHz - Tx Mode - Line Coupling Hopping



Bluetooth Channel 39 2441MHz - Tx Mode - Neutral Coupling Nonhopping



Bluetooth Channel 78 2480MHz - Tx Mode - Line Coupling Nonhopping



Bluetooth Channel 78 2480MHz - Tx Mode - Neutral Coupling Nonhopping