



MOTOROLA

PERSONAL COMMUNICATIONS SECTOR

**PRODUCT SAFETY AND COMPLIANCE
EMC LABORATORY**

EMC TEST REPORT - Addendum

Test Report Number –15416-2

Report Date – December 21, 2004

The test results contained herein relate only to the model(s) identified. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical characteristics.

As the responsible EMC Engineer, I hereby declare that the equipment tested as specified in this report conforms to the requirements indicated.

A handwritten signature in purple ink that reads "Michael E. Hill".

Signature:

Name: Michael E. Hill

Title: Senior Staff Electrical Engineer

Date: December 21, 2004

This report must not be reproduced, except in full, without written approval from this laboratory.

THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY A2LA OR ANY AGENCY OF THE U.S. GOVERNMENT.

A2LA Certificate Number: 1846-01

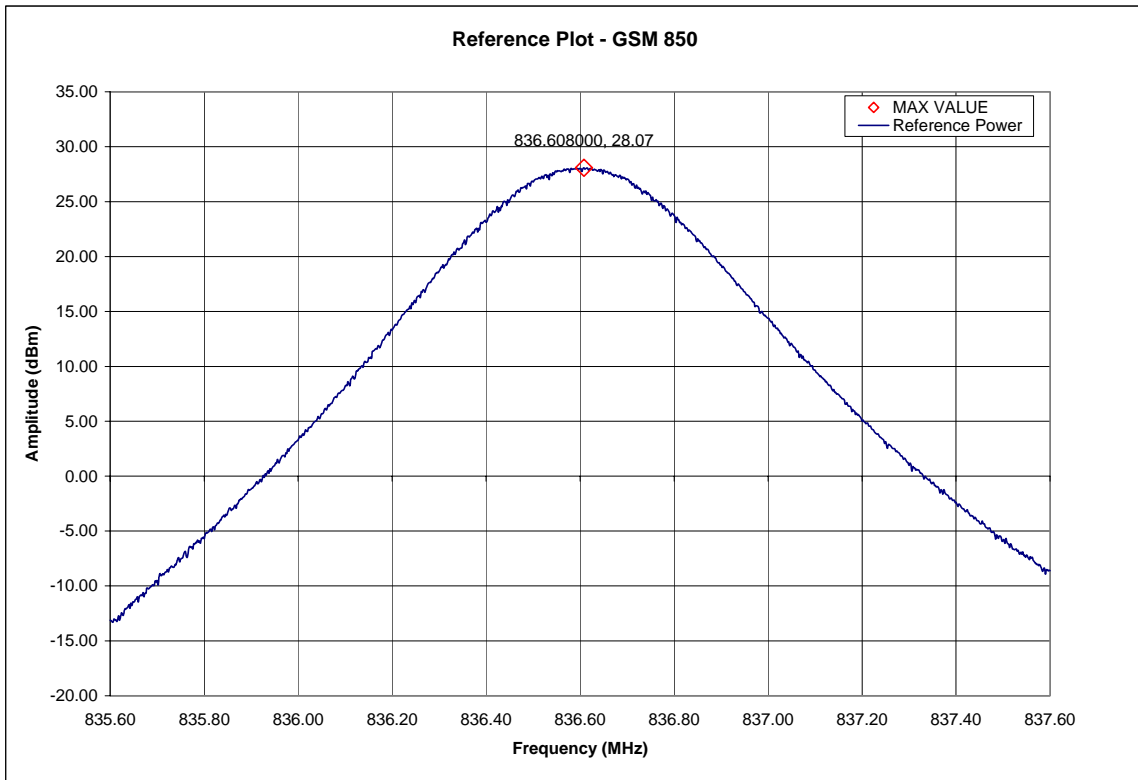


Parts 22/24 application:

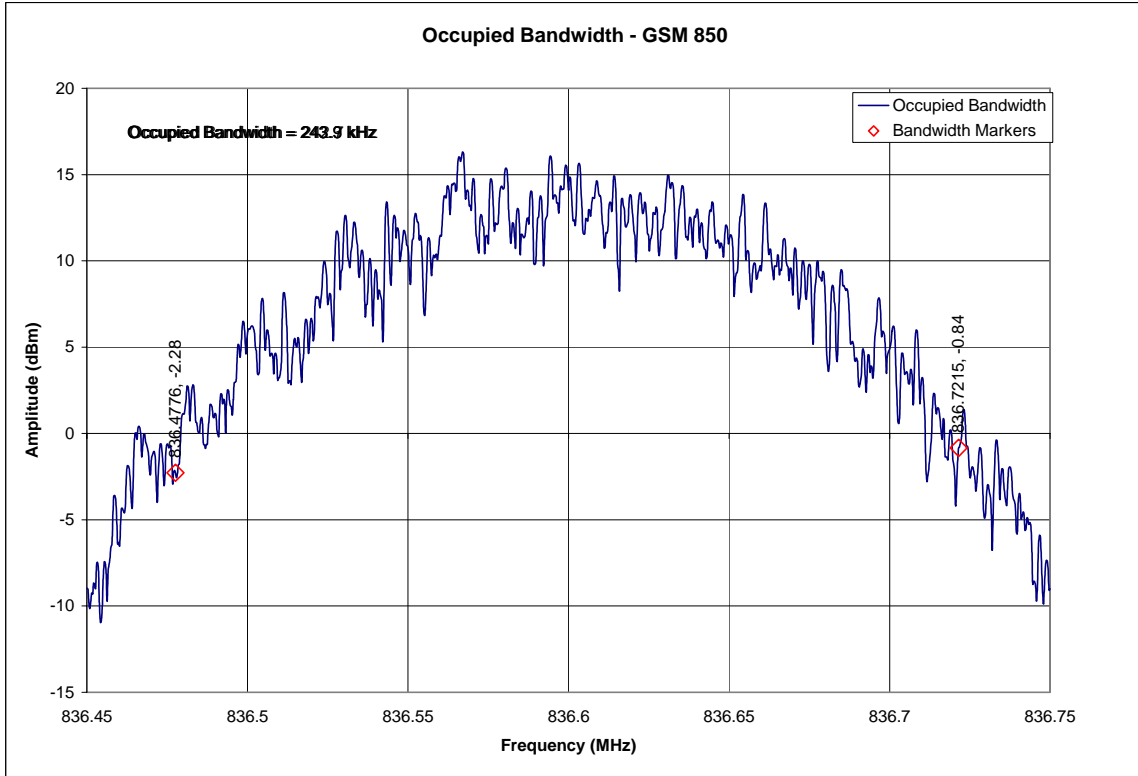
The EUT employs EDGE modulation. Please provide occupied bandwidth plots in this mode, both for cellular operation and PCS operation.

Band	Value Measured	Value	Units	Frequency (MHz)	Left Marker Frequency (MHz)	Left Marker Level (dBm)	Right Marker Frequency (MHz)	Right Marker Level (dBm)
Cellular	Reference Power	28.07	MHz	836.608000				
Cellular	OCBW	243.90	kHz		836.4776	-2.28	836.7215	-0.84
Cellular	Lower Band Edge Emissions	-22.80	dBm	823.983500				
Cellular	Upper Band Edge Emissions	-23.28	dBm	849.007500				
PCS	Reference Power	27.60	MHz	1879.990000				
PCS	OCBW	244.80	kHz		1879.8767	-2.15	1880.1215	1.28
PCS	Lower Band Edge Emissions	-22.81	dBm	1849.986500				
PCS	Upper Band Edge Emissions	-23.88	dBm	1910.001500				

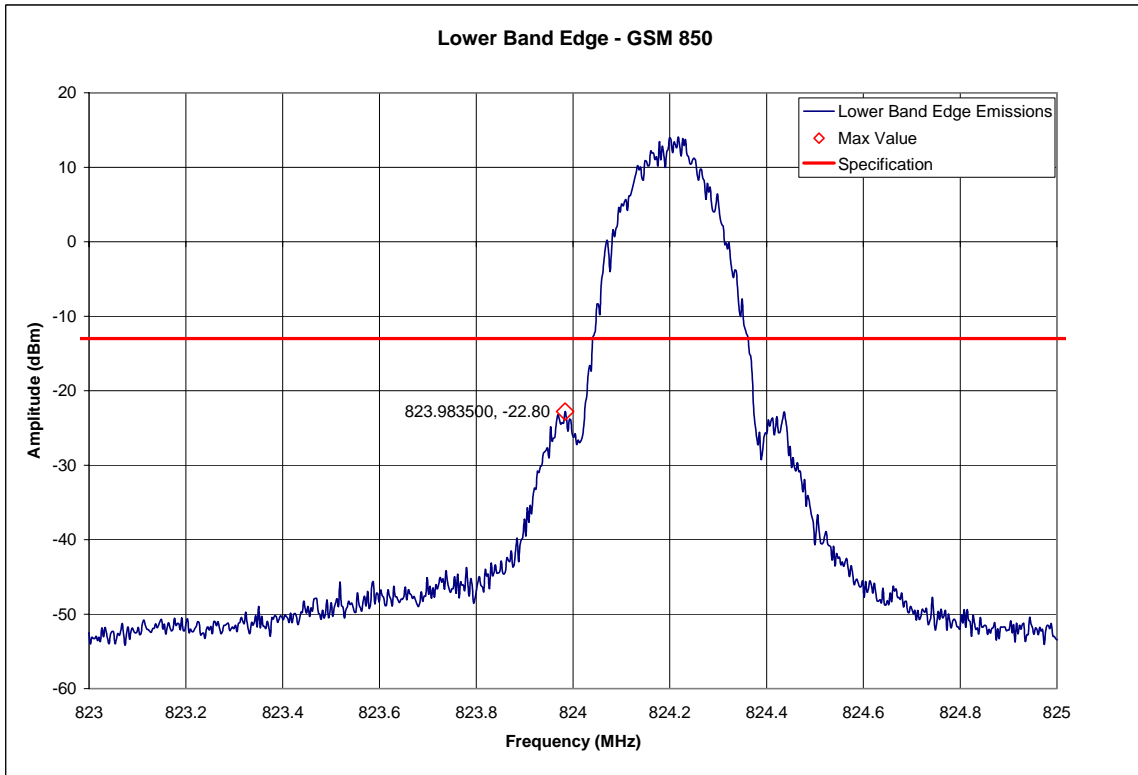
EDGE Occupied Bandwidth Summary



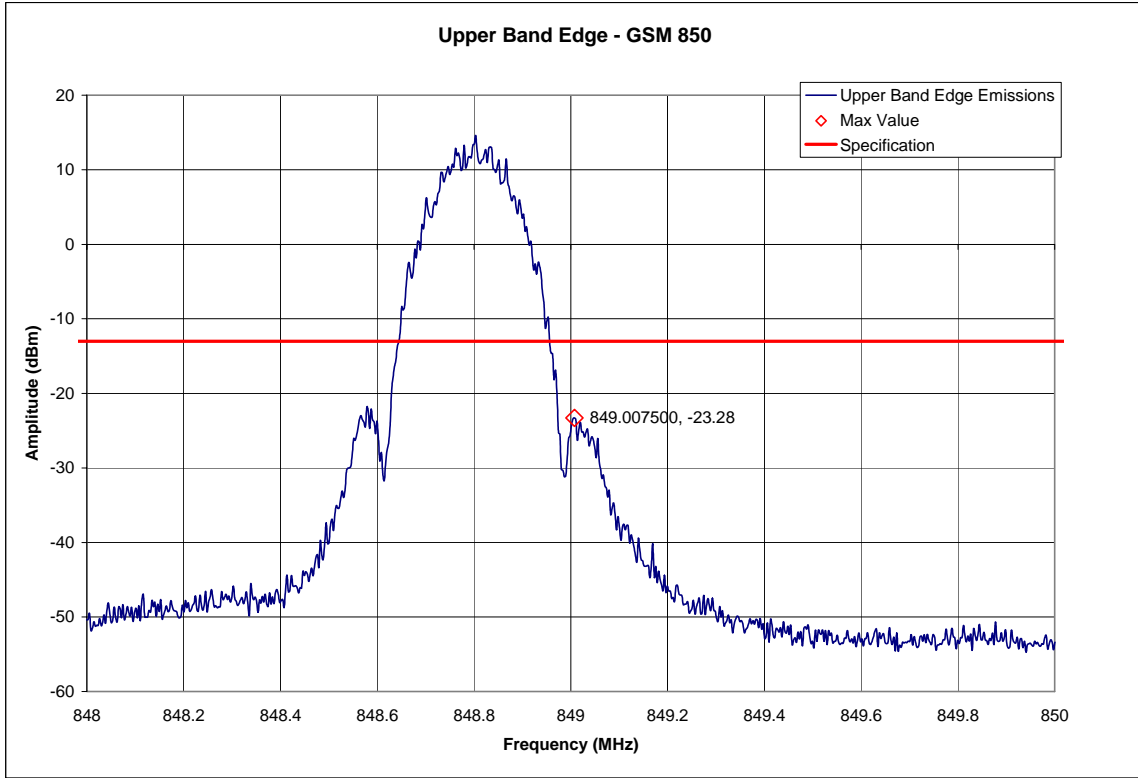
GSM 850 EDGE Reference Power



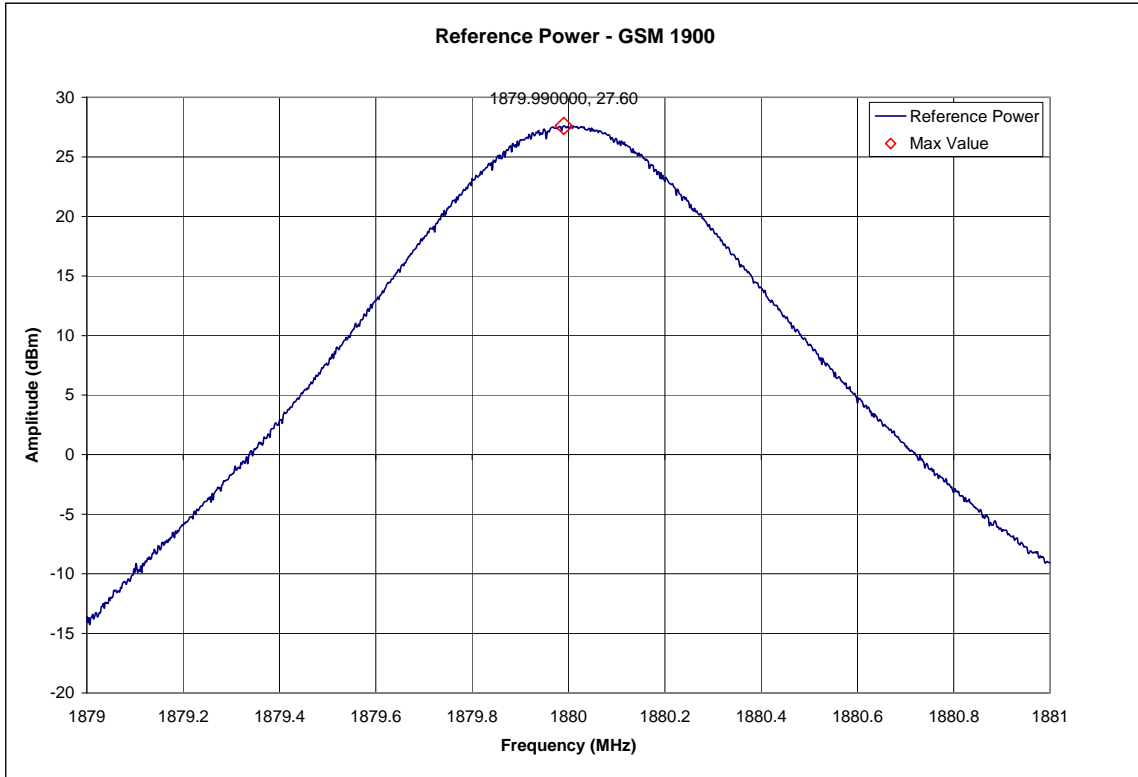
GSM 850 EDGE Occupied Bandwidth Plot



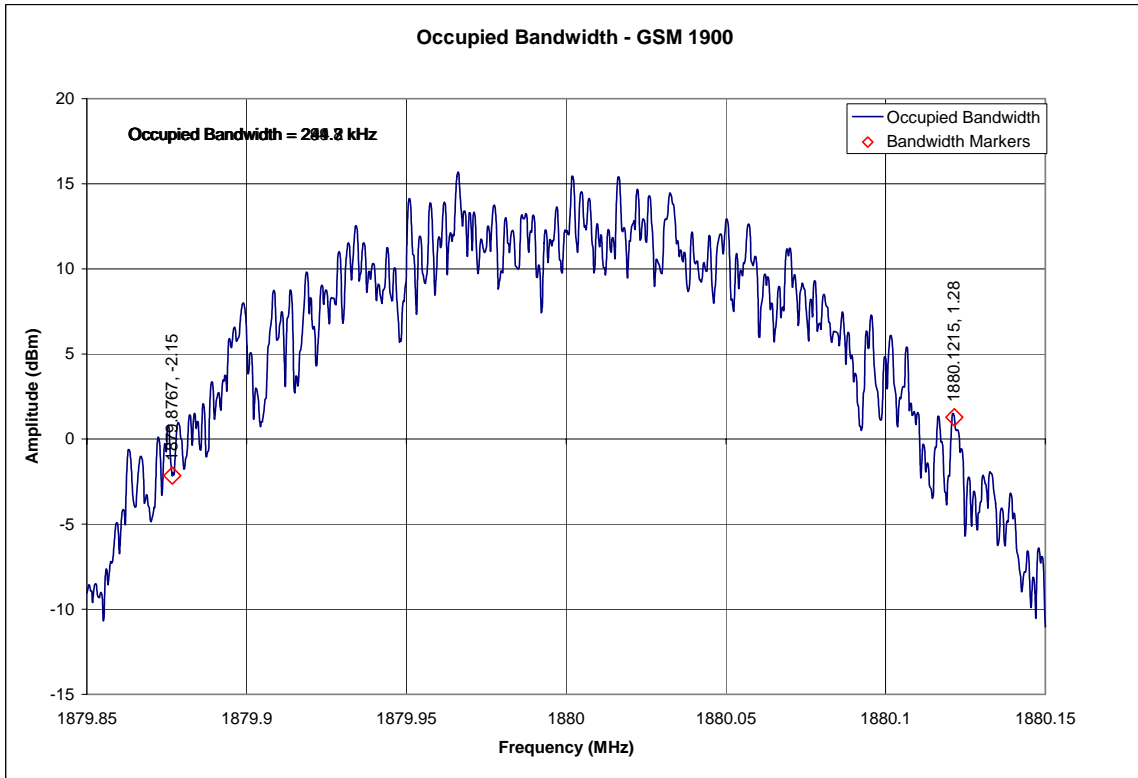
GSM 850 EDGE Lower Band Edge



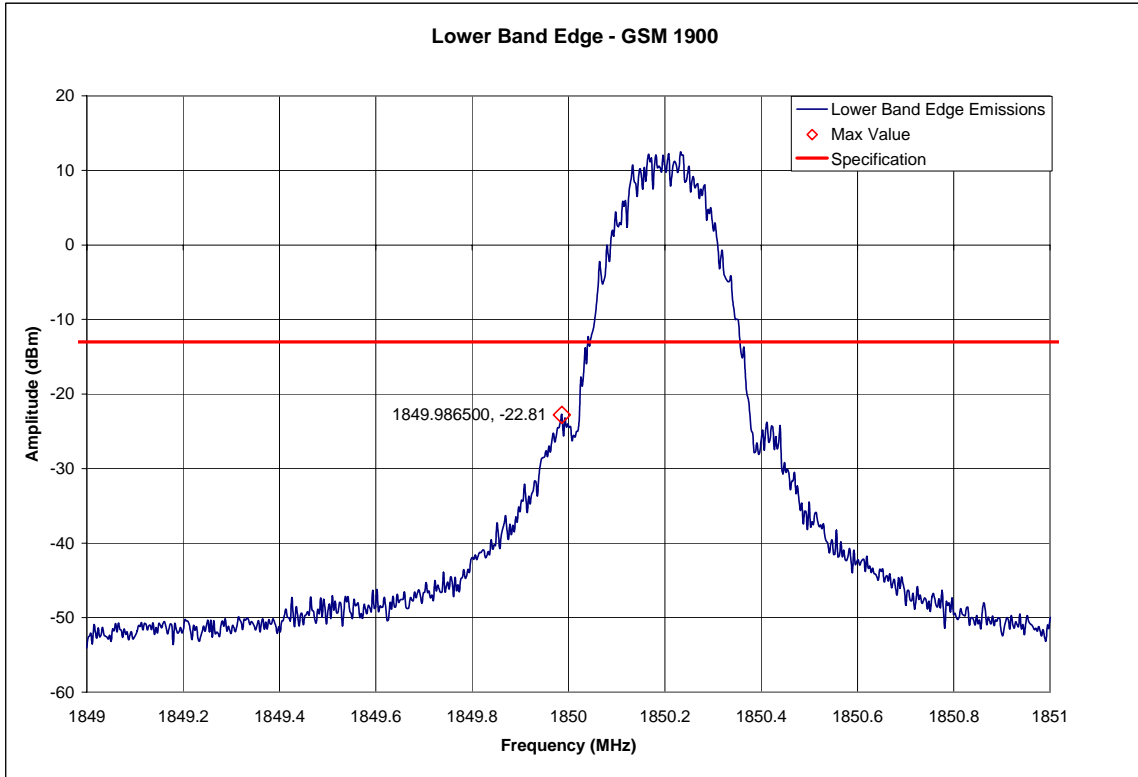
GSM 850 EDGE Upper Band Edge



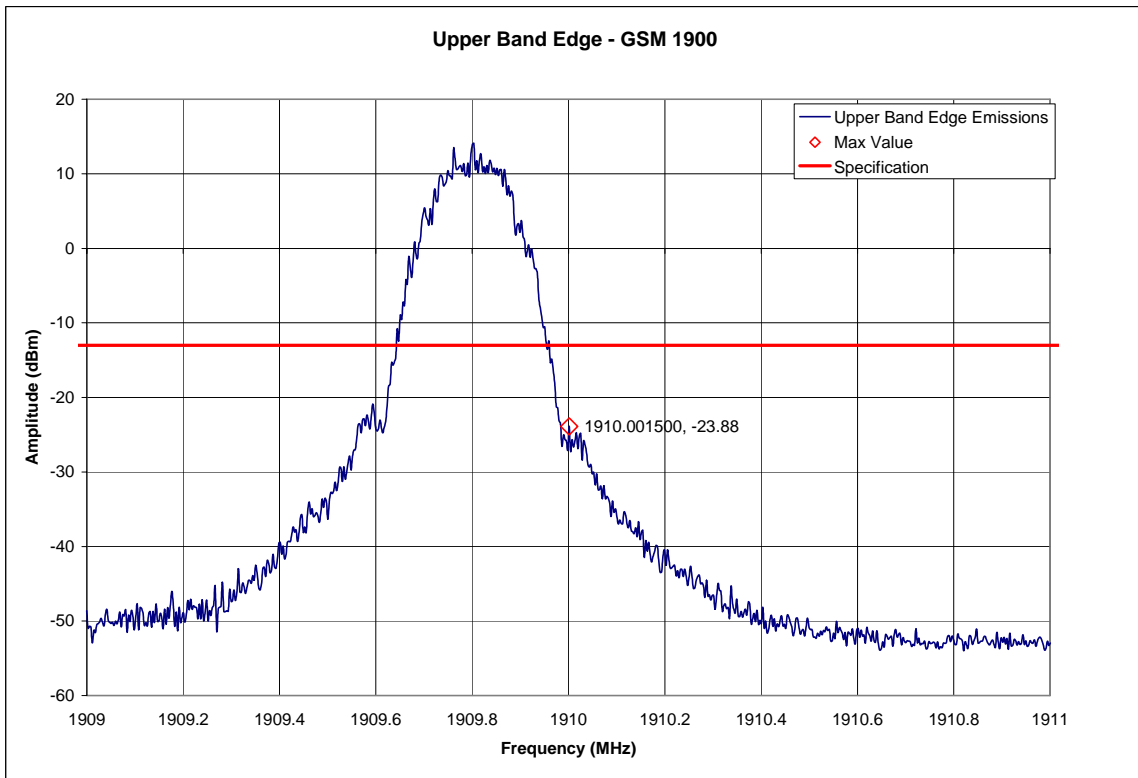
GSM1900 EDGE Reference Power



GSM 1900 EDGE Occupied Bandwidth Plot



GSM 1900 EDGE Lower Band Edge



GSM 1900 EDGE Upper Band Edge

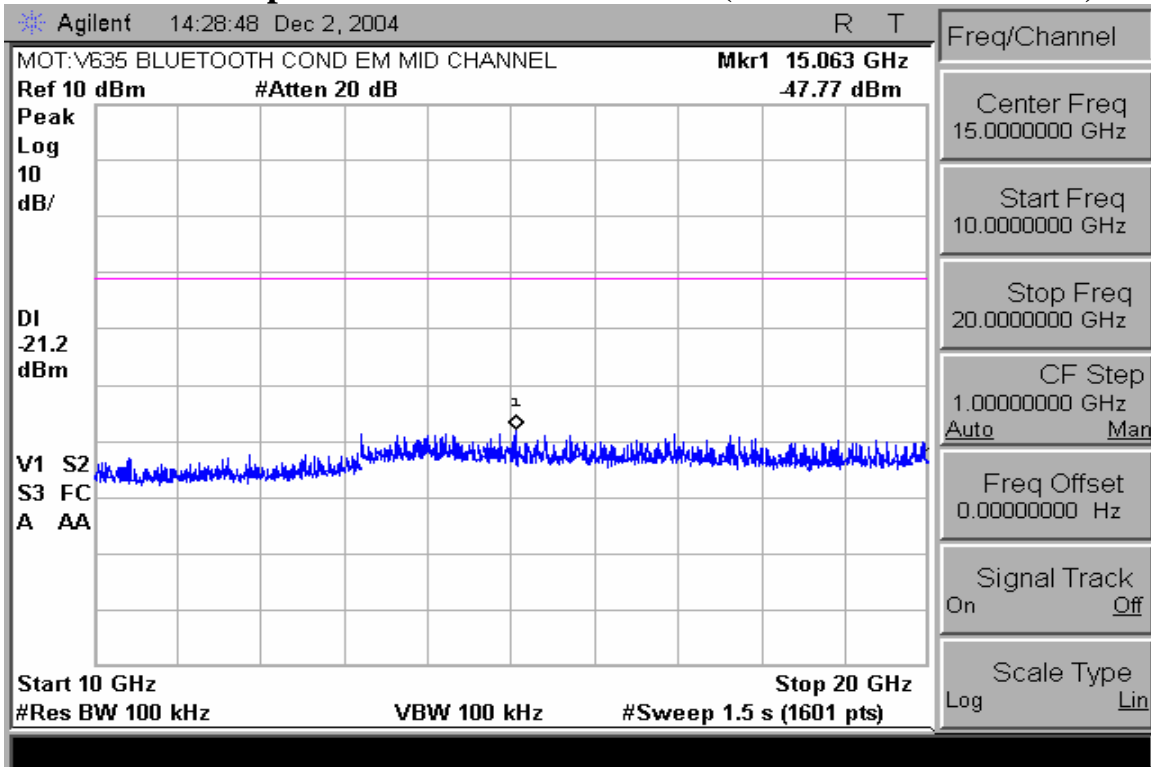
Part 15C application:

What RBW and VBW were used to make the field strength measurements?

Peak measurements were made with a RBW and VBW of 100 kHz. Average detector measurements were made with a VBW of 10Hz and a RBW of 1MHz.

While the spurious conducted emission plot for the mid channel is labeled as 10-20 GHz, the actual plot is for 2-10 GHz (repeating the previous plot). Please provide the plot for 10-20 GHz.

Conducted Spurious Emissions 2-10GHz (Mid Channel Enabled)



Conducted Spurious Emissions 10-20GHz (Mid Channel Enabled)

End of Test Report