MOTOROLA

PERSONAL COMMUNICATIONS SECTOR

PRODUCT SAFETY AND COMPLIANCE
EMC LABORATORY

EMC TEST REPORT Addendum

Test Report Number – 15351-1BT

Report Date – December 13, 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.

Signature: Mark Sidlow Name: Mark Sidlow

Title: Senior Electrical Engineer Date: December 13, 2004

A2LA Certificate Number: 1846-01

A2LA ACCREDITED

8. Several spurious radiated emission peak field strength levels exceed the average limit (low channel emission at 12006 MHz, both x and y orientation, and the mid channel emission at 12204 MHz y orientation). Please submit average field strength data for these emissions, in order to demonstrate compliance with Sections 15.205 and 15.209.

Response: See the following tables:

Model: E815 Bluetooth Phone										
CH 00										
Red - Hoz Green - Ver										
Test	**Meter**	**Detector**	**Gain/Loss**	**Transducer**	**Level**	**Limit 1**	**Margin 1[dB]**	**Azimuth [degs]**	**Height [cm]**	**Polarity**
Frequency	**Reading**	**Type**	**Factor**	**Factor**	**dB[uVolts]**					
[MHz]	**[dB(uV)]**		**[dB]**	**[dB]**						
12 - 18GHz 12000 - 18000MHz										
X-axis										
12006.1	53.44	av	-41.3	39.4	**51.44**	54	-2.56	235	114	Vert

Model: E815 Bluetooth Phone										
CH 00										
Red - Hoz Green - Ver										
Test	**Meter**	**Detector**	**Gain/Loss**	**Transducer**	**Level**	**Limit 1**	**Margin 1[dB]**	**Azimuth [degs]**	**Height [cm]**	**Polarity**
Frequency	**Reading**	**Type**	**Factor**	**Factor**	**dB[uVolts]**					
[MHz]	**[dB(uV)]**		**[dB]**	**[dB]**						
12 - 18GHz 12000 - 18000MHz										
Y-axis										
12006.1	53.95	av	-41.3	39.4	**51.95**	54	-2.05	206	99	Horz

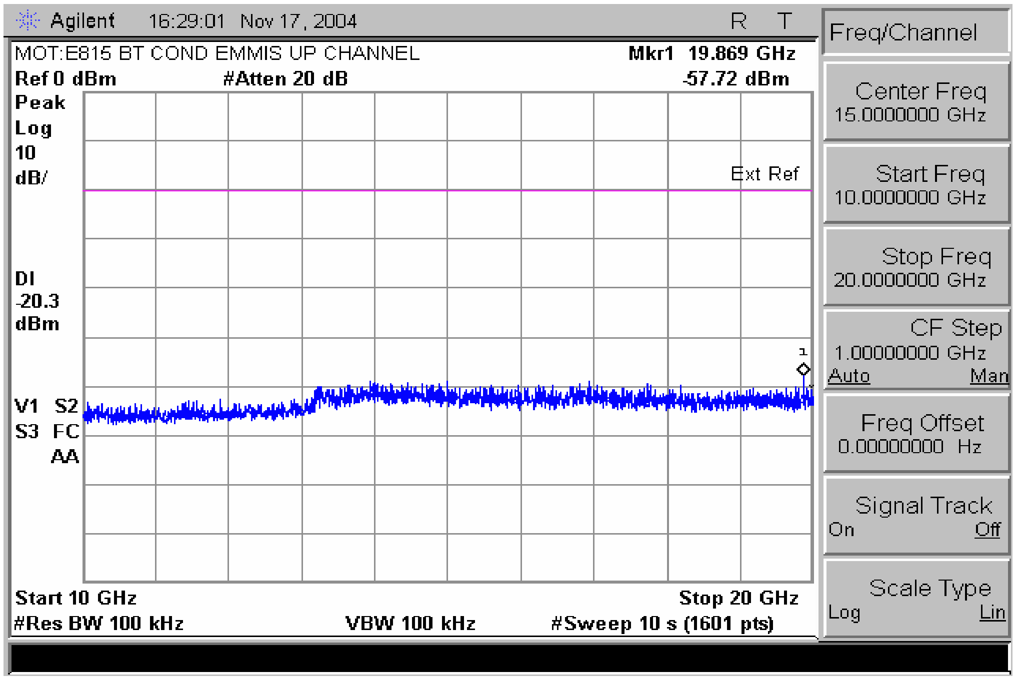
Model: E815 Bluetooth Phone										
CH 39										
Red - Hoz Green - Ver										
Test	**Meter**	**Detector**	**Gain/Loss**	**Transducer**	**Level**	**Limit 1**	**Margin 1[dB]**	**Azimuth [degs]**	**Height [cm]**	**Polarity**
Frequency	**Reading**	**Type**	**Factor**	**Factor**	**dB[uVolts]**					
[MHz]	**[dB(uV)]**		**[dB]**	**[dB]**						
Y-axis										
12204.475	52.52	av	-41.2	39.4	**50.72**	54	-3.28	161	151	Horz
X-axis										
12205.467	52.87	av	-41.2	39.4	**51.07**	54	-2.93	230	111	Vert

LIMIT 1: CFR 47 Part 15C 15.247 3M
LIMIT 2: NONE
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

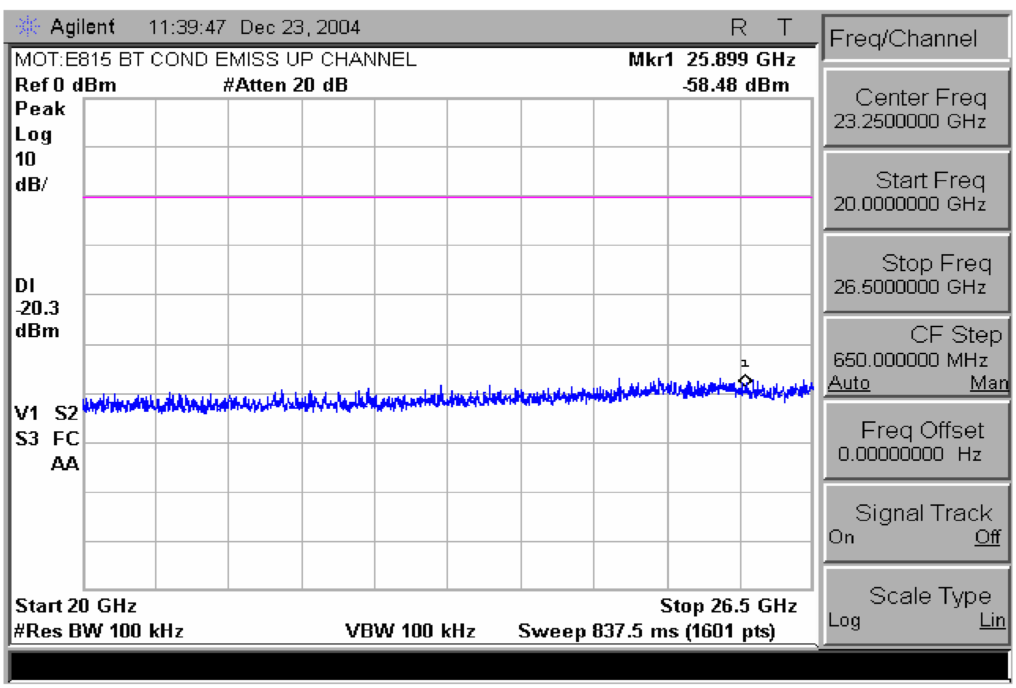
pk - Peak detector
qp - Quasi-Peak detector
av - Average detector
avlg - Average log detector
avem - EMI Average detector

9. While the spurious conducted emission plot for the hi channel is labeled as 20-26.5 GHz, the actual plot is for 10-20 GHz (repeating the previous plot). Please provide the plot for 20-26.5 GHz.

Response: Please refer to the following:



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



Conducted Spurious Emissions 20-26.5GHz (High Chan Enabled)