



MOTOROLA

Date: July 29, 2009

Subject: Request for additional information regarding FCC ID: IHDP56KB1

Reference:

Correspondence Reference Number: IHD90912
Confirmation Number: 907240912-5
Date of Original Email: July 28, 2009

Prepared by:

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Questions and responses follow:

1. The Confidentiality Request references IEEE 802.11b & g functionality- there is no other evidence of this in the application. Please address.

Response: 802.11b&g are not implemented in this device. Please refer to the revised Exhibit 13 submitted online.

2. Please provide external photos show all sides of the EUT.

Response: Please refer to Exhibit 3 submitted online, there are 6 side view photos in the document.

3. Please provide a more detailed Operational Description for the BT transmitter.

Response: Please refer to the revised Exhibit 12 submitted online.

FYI, we revised BT block diagram submitted online to add slow clock value of 32 KHz.

4. Please provide the peak antenna gain for the BT transmitter.

Response: Please refer to the revised Exhibit 6A1 submitted online. The BT antenna gain issue is addressed on page 5 of the test report.

- Please submit a list of Key Features, including all air interfaces and model names, used to aid in HAC compliance counting.

Response: [Please refer to the revised Exhibit 2 submitted online.](#)

- On p. 5 of the BT test report, the HP EMC Analyzer is listed as being past its cal due date at the time of testing (there is no replacement analyzer in the equipment list). Please address.

Response: [Please refer to the revised Exhibit 6A1 submitted online.](#)

- The SAR probe was calibrated at 900 MHz (more than 50 MHz away from the measured band), and the measured 835 MHz head tissue dielectric constant is not less than the target value, in accordance with the FCC's SAR probe Application Note. Please address.

Response: [The below 835 MHz SAR results were corrected for the tissue permittivity that was measured at the nominal target. Corrections were performed using the data provided in FCC KDB 450824. No correction was made for conductivity, since the measured tissue value already represents a conservative result in the measured SAR.](#)

<i>The noted Head position, CDMA 800 MHz scaled SAR</i>								
<i>f</i> (MHz)	Description	Conducted Output Power (dBm)	Temp (°C)	Drift (dB)	<i>10 g SAR value</i>		<i>1 g SAR value</i>	
					Measured (W/kg)	Extrapolated (W/kg)	Measured (W/kg)	Extrapolated (W/kg)
CDMA 800 (RH Cheek)	Channel 1013	24.96						
	Channel 384	24.99						
	Channel 777	24.90	19.2	-0.216	1.05	1.10	1.46	1.53
CDMA 800 (RH Tilt)	Channel 1013	24.96						
	Channel 384	24.99	19.2	-0.081	0.523	0.53	0.705	0.72
	Channel 777	24.90						

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