



MOTOROLA

Date: February 3, 2010

Subject: Request for additional information regarding FCC ID: IHDP56KZ1

Reference:

Correspondence Reference Number: IHD91486
Confirmation Number: 912101486-9
Date of Original Email: January 22, 2010

Prepared by:

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Questions and responses follow:

1. In the PCE, DTS, DSS and JBP test reports, multiple pieces of test equipment are listed as being past cal due with no replacement equipment listed. Please address.

Response: [Please refer to all the revised PCE, DTS, DSS and JBP test reports submitted online.](#)

2. Please specify the settings (RBW, VBW, detector function) used to make the cellular and PCS GSM and EDGE bandedge measurements.

Response: [Please refer to the revised EMC report submitted online.](#)

3. Please provide plots demonstrating compliance with the 13 PAR limit for the PCS (GSM and EDGE) and AWS WCDMA emissions (p.8 of the PCE EMC test report states that an average detector was used to make the EIRP measurements, hence, this is required).

Response: [Please refer to the cellular EMC report submitted online.](#)

4. Please confirm the detector used to make the output power measurements in the DTS test report. I note that the top of p.13/40 states "PEAK", but an average detector

was apparently active in the first plot. In addition, the oob limit (as shown by the DL) is not consistent- it is 20 dBc in some plots and 30 dBc in others. The specific limit for which compliance is being tested should always be clearly explained in the test report.

Response: [Please refer to revised DTS report submitted online.](#)

5. Please provide DTS peak field strength data for the restricted bands near each bandedge (only average f.s. plots were provided).

Response: [Please refer to the DTS report submitted online.](#)

6. Please specify the DTS data rate used to perform SAR measurements.

Response: [Please refer to the updated SAR report submitted online.](#)

7. Please provide the additional DTS (low and hi) channel SAR measurement data as specified in the FCC's 802.11 SAR testing procedure.

Response: [Please refer to the updated SAR report submitted online.](#)

8. Please provide DTS output power measurement data at all data rates prescribed in the FCC's 802.11 SAR testing procedure, so that the proper configurations for SAR testing may be determined (only 802.11b 11 Mbps and 802.11g 54 Mbps conducted output power data is provided in the DTS test report).

Response: [Please refer to the updated SAR report submitted online.](#)

9. The SAR probe used for PCS (and AWS) testing was calibrated at a point more than 50 MHz from the measured band. The tissue parameters for PCS head measurements on 12-13-09 do not meet the tighter requirements for this condition. Please provide compensated results for PCS head SAR measurements performed on this day.

Response: [Please refer to the updated SAR report submitted online.](#)

10. FYI: in the future, it would be most helpful if tabular data for the DTS and DSS radiated emissions was provided- this would greatly speed up the technical review (one or 2 tables, instead of dozens of plots).

Response: [Noted.](#)