



MOTOROLA

Date: Oct 8, 2009

Subject: Request for additional information regarding FCC ID: IHDP56KC2

Reference:

Correspondence Reference Number: IHD91105
Confirmation Number: 909151105-7
Date of Original Email: Oct. 1, 2009

Prepared by:

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Questions and responses follow:

1. Please provide the peak gain of the WLAN and BT antenna(e).

Response: [The BT and WLAN conducted reports have been updated to include the antenna gain statement. Please refer to the reports submitted online.](#)

2. Please provide the block diagram for the WLAN transmitter.

Response: [Please refer to the updated Exhibit 4 submitted online to include WLAN.](#)

3. Please provide the operational description for the WLAN transmitter.

Response: [Please refer to the updated Exhibit 12 submitted online to include WLAN.](#)

4. Please identify the precise location of the BT and WLAN schematics in the schematics exhibit.

Response: [Please refer to page 11 of Exhibit 5 for BT and WLAN.](#)

5. The operational description lists WCDMA capability, without reference to bands. Please confirm that this is not implemented in U.S. bands in the EUT.

Response: [This device does not have US band WCDMA operations, please refer to the](#)

[updated Exhibit 12 submitted online.](#)

6. On p.15/36 of the 22/24EMC report, both of the EDGE850 bandedge plots show a failing emission level just outside of the band (the marker, in both cases, is placed to the left of the peak level of these failing emission). Please note that the FCC permits average spurious emission measurements for parts 22 and 24, while these plots were made with a peak detector. Please remeasure with an average detector to determine if compliance can be demonstrated.

Response: [Please refer to the updated EMC report which has new plots to demonstrate compliance.](#)

7. An average detector was used to measure the PCS EIRP, thus, plots demonstrating compliance with the 13 dB PAR limit must be provided (for both PCS GSM and PCS EDGE). Please do so.

Response: [The updated reports confirm that all testing was done with peak detector.](#)

8. Please confirm that the WLAN conducted output power measurements in the DTS EMC report are peak measurements (the detector function listed to the left of the plots does not say "PK").

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

9. Please provide peak plots for the WLAN demonstrating compliance at the upper and lower bandedges.

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

10. Please provide peak field strength data for the WLAN in the 2483.5 – 2500 MHz restricted band.

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

11. The SAR probe used for cellular band measurements is calibrated at a point more than 50 MHz removed from the measured band, but the cellular head tissue parameters do not meet the tighter specs for this situation. Please address.

Response: [Please refer to the SAR Supplement Response attached.](#)