



**MOTOROLA**

**Date:** March 16, 2009

**Subject:** Request for additional information regarding FCC ID: IHDT56KP3

**Reference:**

Correspondence Reference Number: IHD90208  
Confirmation Number: 903030208-10  
Date of Original Email: March 12, 2009

**Prepared by:**

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Questions and responses follow:

1. Please submit the Operational Description for the BT transmitter.  
**Response:** [Please refer to the revised Operational Description submitted online.](#)
2. The WCDMA bandedge measurements (both bands) were performed with a RBW < 1% of the emission bandwidth. Please remeasure using a wider (compliant) RBW and submit new plots.  
**Response:** [Please refer to the EMC response attached.](#)
3. Please provide WCDMA conducted plots at 1 MHz removed from both cellular band bandedges using RBW= 100 kHz, as required.  
**Response:** [Please refer to the EMC response attached.](#)
4. On p.3/28 of the (main) BT report, under Signaling Capability, WCDMA 1900 is not included. Please revise.  
**Response:** [Please refer to the EMC response attached.](#)
5. Both LISNs listed in the 15B report were past cal due at the time of testing. Please address.  
**Response:** [Please refer to the EMC response attached.](#)

6. On the SAR plot on p.68/86 of the SAR report the duty cycle is cut off. Please revise.

**Response:** Please refer to the revised SAR report submitted online.

7. The GSM 1900 low channel conducted output power values listed in the SAR and EMC reports are more than 0.5 dB apart. FCC policy permits a variance of up to 0.5 dB. Please address.

**Response:** The difference in measured conducted power, between the GSM 1900 low channel values listed in the SAR and EMC reports, is 0.53 dB. In this instance, the value of the SAR test unit exceeds the production unit limit. While this difference exceeds our procedures and FCC policy, the test results support compliance for all production units in accordance with KDB 291699.

8. FYI: The SAR probe calibration points are more than 50 MHz removed from the measured band. In accordance with the FCC Application Note 450824 D01 SAR Prob Cal and Ver Meas v01r01, this situation entails additional requirements for the tissue fluid parameters used during SAR testing (see p.4/7 of the App Note). The tissue fluid used in the PCS validation tests does not meet the criteria set forth in the App Note. Please note that, in the near future, this requirement will be enforced.

**Response:** Noted.

9. FYI: in the future, please submit a more detailed BT block diagram.

**Response:** Noted.