



**MOTOROLA**

**Date:** Sep 17, 2010

**Subject:** Request for additional information regarding FCC ID: IHDP56LV1

**Reference:**

Correspondence Reference Number: IHD101011  
Confirmation Number: Y1008170977-80  
Date of Original Email: Sep 10, 2010

**Prepared by:**

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Questions and responses follow:

1. On Page 10 of the T-coil report, the frequency response of CDMA 800/1900 appears to touch the mask. Please confirm that frequency response at 3000Hz is under +2dB.

**Response:** [Please refer to the Supplement Response submitted online.](#)

2. In the HAC RFE report, the DAE4 unit, serial number 387 shown in the test plots is not listed in the Dosimetric test equipment, Table 2 on page 4. If the DAE3 unit, serial number 387, is this unit, please revise.

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

3. Please ensure that all 3G SO/RC combinations were investigated in the test and update the conducted powers table and any subsequent HAC tables that may be affected to include this data.

**Response:** [Please refer to the Supplement Response submitted online.](#)

4. The plots for CDMA 1900 E and H field, 1/8th rate vocoder do not have a common exclusion block as required for the use of three exclusion blocks per ANSI C63.19. Please address.

**Response:** [Please refer to the Supplement Response submitted online.](#)

5. In the PCE test report, the captions underneath the plots on pg. 16/24 describe PCS band measurements, however, the plots actually show cellular band measurements. Conversely, the captions underneath the plots on pg. 18/24 describe cellular band measurements, but, the plots actually show PCS band measurements. Please fix the captions so that they accurately describe the measurements shown in the plots.

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

6. Please provide a more detailed theory of operation for the RF functionality of the WLAN transmitter in the operational description.

**Response:** [Please refer to the revised operational description submitted online.](#)

7. The WLAN conducted powers in the SAR report for 802.11g and 802.11n modes are different than the WLAN conducted powers shown in the DTS report. Please reconcile.

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

8. FYI: In the DSS and DTS test reports, please place the marker on the highest out of band emission in the conducted band edge plots, which may not necessarily be right at the band edge.

**Response:** [Noted.](#)

9. FYI: In the DTS test report, per ANSI C63.10, the power spectral density should be measured with a sweep time of 100 seconds, if using a RBW of 3kHz and a span of 300kHz. Please use the appropriate sweep time in the future.

**Response:** [Noted.](#)

10. FYI: Since the out of band conducted emissions at the band edge did not meet the 30dBc limit in the DTS report, peak conducted powers will be listed on the grant.

**Response:** [Noted.](#)