



**MOTOROLA**

**Date:** August 20, 2007

**Subject:** Request for additional information regarding FCC ID: IHDP56HG1

**Reference:**

Correspondence Reference Number: IHD7684  
Confirmation Number: 707300684-86  
Date of Original Email: August 13, 2007

**Prepared by:**

Andrew Bachler, Principal Staff Engineer  
Motorola Mobile Device Business  
Libertyville, Illinois

Questions and responses follow:

1. CDMA circuitry and antenna paths are not defined in the Block Diagram and Schematics. Please clarify and/or update exhibits.

**Response:** Please refer to attached revised Exhibit 4: "[HG-EX04\(Blockdiagram\).pdf](#)".

2. Please provide Bluetooth operational description for the specific device under application. Exhibit 12 Page 10 appears to be a General operational description.

**Response:** Please refer to revised Exhibit 12: "[HG-EX12 revised 08-17-07.pdf](#)".

3. SAR report mentions "Preliminary Guidance for Reviewing Applications for Certifications of 3G Devices" May 9, 2006 however present active version of FCC 3G SAR procedures is webpost dated 4/9/07. Therefore it is unclear whether filing is in accordance with FCC policies including procedures.

Please explain whether and how correct 3G SAR procedures were applied in SAR evaluation herein, or revise filing where appropriate.

**Response:** Please refer to attached revised Exhibit 11: "[HG-EX11 revised 08-17-07.pdf](#)".

4. SAR Plot for Right Cheek on Page 29 indicates there was a greater than -0.5 dB power drift, whereas the report states otherwise in Page 9. Please clarify.

**Response:** SAR Plot on Page 29 reflects measurements for CDMA 800, Slider Down position and Page 30 reflects Slider up position. Table 2 on page 8 reflects data for Slider down and Table 4 on page 9 reflects data for Slider up.

5. 900MHz System Performance Check Targets was found, however 1800MHz is missing. Please include.

**Response:** Please refer to attached revised Exhibit 11: "[HG-EX11 revised 08-17-07.pdf](#)".

6. For Exhibit 6B-1 for the HAC RF Emissions testing, please clarify RC/SO mode selected for the final tests. It is not clear within Exhibit 6B-1 Page 12t.

**Response:** HAC RF Emissions testing is done using RC1/SO2 mode.

7. For Exhibit 6B-2 for the T-coil testing, please provide ABM2 investigation for the various 3G modes per FCC 3G Policy in determining the final mode use for testing. Also please clarify which RC/SO mode was selected from this determination. It is not clear in Exhibit 6B-2.

**Response:** For T-coil compliance evaluation, RC1 S03 is used. This RC1 S03 is used for measurements in Table 5 (page 8) and Table 6 (page 9). As per the recent presentation by Qualcomm to the FCC on March 15, 2007, RC1 S03 combination represents the appropriate configuration for T-coil testing.

Please refer to the ATIS filing which includes Qualcomm's presentation. This filing can be found at:  
<http://www.atis.org/legal/Docs/MISC/ATIS%2006-203%20Ex%20Parte%20Letter%203-16-07%20w-attach.pdf>



**MOTOROLA**

**Date:** August 24, 2007

**Subject:** Request for additional information regarding FCC ID: IHDP56HG1

**Reference:**

Correspondence Reference Number: IHD7684  
Confirmation Number: 707300684-86  
Date of Original Email: August 13, 2007

**Prepared by:**

Andrew Bachler, Principal Staff Engineer  
Motorola Mobile Device Business  
Libertyville, Illinois

Questions and responses follow:

1. CDMA circuitry and antenna paths are not defined in the Block Diagram and Schematics. Please clarify and/or update exhibits.

**Response:** On the schematics; "PCS" refers to 1900 CDMA, and "cellular" refers to 800 CDMA. All GSM references refer to functions that are not operational in U.S. Territories. Revised Block Diagram submitted in earlier response.

2. Also, kindly re-submit label with the correct FCC ID.

**Response:** Please refer to attached revised Exhibit 1 "[HG-EX01.pdf](#)" for correct FCC label.