
From: Lillian Li **Sent:** Tuesday, May 31, 2011 2:33 PM
To: PCTEST TCB/CB
Subject: Re: Additional Questions Regarding FCC ID: IHDP56MD1_5-26-11

Hi Greg,

Please find our response to your questions below and Internal Photos submitted online, and let us know if you have any further questions.

Thanks!

Lillian Li
Certification and Approvals
Product Safety and Compliance
Motorola Mobility

On Thu, May 26, 2011 at 4:31 PM, PCTEST TCB/CB wrote:

Dear Ms. Li,

Please note the below additional questions regarding the above-referenced FCC ID:

1. Thank you for your email. Regarding your response to question #3, the revised user's manual was not submitted. Please submit the revised user's manual.

Response: Part 6 of the User Manual was revised and indeed submitted on 5/16/2011. On page 32/49 we were not able to remove the entire table for SAR values at this point due to the nature of the pdf file type, but we entered the relevant SAR values for the operating bands and marked others as N/A. If this correction on the draft User Manual is not acceptable, please let us know so we can have the ITC team to fix it right now rather than prior to production stage.

2. Please submit the KDB inquiry that specifically pertains to FCC ID: IHDP56MD1. It appears that, in the KDB Inquiry and response submitted, the attachments are closed and approved for a different FCC ID, and it is difficult to ascertain what portions are applicable to the EUT. Alternatively, you may re-open the KDB Inquiry that you submitted to us with the FCC and add this specific EUT, if you believe that will be more appropriate.

Response: We so no need to open a Pre-TCB PBA on for this project. The previous Inquiries related to Power Reduction have been closed, and we believe

that the guidance received from the FCC is applicable to all similar products. Please refer to John Lewczak's May 27th email to Greg for details. If you feel differently, perhaps we should have a teleconference to clarify and for us to understand where you are coming from.

3. In the revised DTS EMC report, the DL is set at 20 dBc for the bandedge plots (e.g., 6-19, 6-20) as well as the SCE plots (6-25 thru 6-30). Does the applicant desire that the peak or average output power levels be listed on the DTS grant? From the use of the DL, it would appear to be the peak output levels – please clarify.

Response: Please use peak output power levels.

4. The internal photos show the main pcb apparently with the RF shields still in place. Please provide internal photos of both sides of the main pcb with all shielding removed.

Response: Please refer to the revised EX09 Internal Photos submitted online. The main board back on page 1 has all shields removed, and the main board front on page 2 does not have shields to place on.

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: Lillian Li
Sent: Wednesday, May 25, 2011 3:47 PM
To: PCTEST TCB/CB
Subject: Re: Additional Questions Regarding FCC ID: IHDP56MD1_5-19-11

Dear Sir,

Please find our response to your 2 sets of questions attached and the supporting documents submitted online, and let us know if you have any further questions.

Thanks!

Lillian Li
Certification and Approvals
Product Safety and Compliance
Motorola Mobility

On Thu, May 19, 2011 at 6:22 PM, PCTEST TCB/CB wrote:

Dear Ms. Li,

Please note the below additional questions regarding the above-referenced FCC ID:

1. What frequency stability value would you like to have listed on the Grant for WiMAX operation? 2.5 ppm, as for CDMA, or something else? Please be sure that the value you choose is supported by the test data.
2. Is the WiMAX transmitter capable of simultaneous transmission from its 2 antennas? The SAR report assumes that it is not, but the Operational Description does not provide this information. If it is, MIMO policies and procedures would be applicable for the EMC measurements, and the SAR report will need to be revised to account for this scenario.
3. The SAR report shows that the CDMA output levels (both bands) exceed the upper limit of the tune-up range. The FCC stated, at the most recent TCB Workshop, that units tested must be operating within their listed specs. Please address.

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: PCTEST TCB/CB
Sent: Wednesday, May 18, 2011 6:09 PM
To: 'Lillian Li'
Subject: Questions Regarding FCC ID: IHDP56MD1

To: Ms. Lillian Li / Motorola Mobility, Inc.
From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: IHDP56MD1

Applicant: Motorola Mobility, Inc.

Correspondence Reference Number: IHD0617
Confirmation Number: 1Y1105050617-21
Date of Original Email: May 18, 2011

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. Page 2 of the Attestations document lists an incorrect FCC ID. Please revise.
2. The DTS/DSS block diagram on p. 2 of the Block Diagram document shows the value of the LPO, but not the XTAL Oscillator. Please revise to include this value as well.
3. Page 32/49 of the User's Manual lists the max measured SAR values all as 0.00. Please either enter the actual max measured SAR values, or else remove this section completely (the FCC does not require that they be listed in the manual, but if they are, then they must be correct).
4. Body-worn SAR testing was performed at 2.5 cm. The FCC has stated that, OET 65 Supplement C notwithstanding, given the form factor of modern phones, a 2.5 cm spacing is no longer automatically accepted as a separation distance for testing. Please confirm that there are actual body-worn accessories for the EUT that are readily available to the user (e.g., sold by the carriers) and that provide 2.5 cm spacing from the body of the user.
5. Please provide a copy of the FCC's response to Motorola's KDB Inquiry regarding the EUT's power reduction while in hotspot mode, listing the various test data/information required to support this during SAR testing.

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer



Please consider the environment before printing this e-

mail.

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