



MOTOROLA

Date: September 24, 2010

Subject: Request for additional information regarding FCC ID: IHDP56LW1

Reference:

Correspondence Reference Number: IHD101116
Confirmation Number: Y1009081116-9
Date of Original Email: September 15, 2010

Prepared by:

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Questions and responses follow:

1. The DSS/DTS (BT/WiFi) Block Diagram, on p. 4 of 6 of the BLD document, does not show the clock/oscillator values. Please revise and resubmit.

Response: Please refer to the revised block diagram, exhibit 4.

2. The test set-up photos show an apparently incorrect test set-up for the JBP 15B Radiated Emission testing, pursuant to ANSI C63.4- it appears that the peripherals are not flush with the rear of the table, although it is difficult to be sure, since the photo is from so far away. The AC line conducted test set up photo shows a configuration that is not in compliance with the requirements of C63.4. If, indeed, these test set-ups were not in compliance with the requirements of ANSI C63.4, please re-test with compliant configurations and submit new data. If the set-ups were in compliance, please provide photos clearly showing this.

Response: Please refer to the revised test setup photos, exhibit 7.

3. Please provide RF conducted plots of the AWS WCDMA emissions at points removed from the bandedges by 1 MHz, using RBW = 1 MHz, as required by Section 27.53(h)(1). Please note that, per Section 27.53(h)(3), since a peak detector was used to measure EIRP, a peak detector must also be used for these near-bandedge measurements.

Response: Please refer to the revised EMC test report, exhibit 6.

4. The plot at the top of P. 22 of 49 of the PCE EMC report is mis-labeled as “WCDMA 1900” – please revise.

Response: Please refer to the revised EMC test report, exhibit 6.

5. It appears that both receivers in the DTS EMC report equipment list on p. 5 of 60 were past their cal due dates at the time of testing. Please address.

Response: Please refer to the revised EMC test report, exhibit 6.

6. Page 19 of 60 of the DTS EMC report lists “PEAK OUTPUT POWER”, but only average data (both tabular and plots) is provided. Please reconcile. Please note that, in order to have the average power level listed on the grant, the EUT must comply with the 30 dBc oob limit- see question 7, below.

Response: Please refer to the revised EMC test report, exhibit 6A5.

7. The DTS spurious RF conducted emissions, including bandedges (pp. 28-56) have all been measured with an average detector. This is not permitted for 15.247 devices. Please re-measure with a peak detector, as required, and submit new data.

Response: Please refer to the revised EMC test report, exhibit 6A5.

8. Output power data in the SAR report shows that the levels are flat across all subtests in HSUPA (Rel 6) mode- this does not appear to be standard implementation of MPR. Please provide an explanation.

Response: Please refer to the revised EMC test report, exhibit 6.

9. Page 16 of 81 of the SAR report should include a statement justifying front body SAR data inclusion, as has been included in other recent Motorola SAR reports (i.e., to account for the possibility of an accessory positioning the device with its front toward the user).

Response: Please refer to the revised SAR report, exhibit 11.

10. The statement on p. 16 of 81 of the SAR report references a 15 mm separation distance used for testing, but the data is all at 25mm. Please reconcile.

Response: Please refer to the revised SAR report, exhibit 11.