



MOTOROLA

Date: June 9, 2004

Subject: Request for additional information regarding FCC ID: IHDT56EX1 (Portable Cellular/PCS GSM transceiver)

Reference:

Application Received:	05/20/2004
Correspondence Reference Number:	240608B.IHD
Confirmation Number:	TC4176
Date of Original Email:	06/08/2004

Prepared by:

Andrew Bachler, Principal Staff Engineer
Motorola Personal Communications Sector
Libertyville, Illinois

Questions and responses follow:

1. Several items in the EMC report are listed as being past their cal due date. Please address.

Response: The equipment calibration chart (page 5) is updated in the revised EMC report (exhibit 6) dated 6/8/04.

2. The conducted output power levels for GSM 850 and GSM 1900 listed on p.6 of the EMC report appear to be reversed from those listed on p.3 of the SAR report. Please address.

Response: Agreed. The conducted power levels (page 6) are corrected in the revised EMC report dated 6/8/04.

3. Page 8 of the EMC report lists the RBW = 1 kHz for bandedge measurements (apparently a typo). Please address.

Response: The effective resolution bandwidth is 3 kHz (composed of three adjacent 1 kHz bandwidth measurements). This FCC approved measurement technique improves measurement accuracy by reducing the effect on the instrument from in-band emissions.)

4. Page 9 of the EMC report lists the cellular occupied bandwidth = 0.0 kHz. Please correct.

Response: The occupied bandwidth values (page 9) are updated in the revised EMC report dated 6/8/04.

5. The dielectric constant for the validation test at 1800 MHz performed on 5/9/04 (p.5 of the SAR report) appears to be a typo (39.5)- it is listed as 39.4 on the corresponding SAR plot. Please correct.

Response: Please refer to the supplemental SAR report submitted on 6/9/04

6. The SAR contour overlay plots, Figures 3 and 4, appear inconsistent, as though the phone was not positioned properly under the grid. Please address.

Response: Please refer to the supplemental SAR report submitted on 6/9/04

7. The user's manual does not contain the required RF exposure info (including the body-worn requirement statement). Please amend.

Response: Please refer to the additional user's manual pages in exhibit EX-08A.