



Date: August 25, 2006

Subject: Request for additional information regarding FCC ID: IHDT56FT1 (Portable PCS GSM transceiver)

Reference:

Correspondence Reference Number: IHD0414
Confirmation Number: 1607210414
Date of Original Email: 08/21/06

Prepared by:

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Questions and responses follow:

T-coil

1. Appendix 3-6 (Page 26) states a CMU200 manual reference value was used for the calculation of the OdBm0 reference whereas Exhibit 6B-2 (Page 7) states that an internal calibration procedure should be implemented. Please show that the vocoder calibration was performed and was correctly implemented for the testing.
2. Please justify use of the RF frequency chosen. Please include a demonstration that ABM2 noise is not affected by RF frequency or that the frequency chosen is worst-case. Alternatively, submit data for the low and high channels.
3. Please indicate whether backlight was on or off during test conditions in Table 4. If off, then HAC compliance operation should be explained in the Users Manual.
4. ABM2 figure reference in Appendix 3-1 (Page 21) was not found. Please supply. Please show that significant audio band noise components beyond 10kHz were addressed.
5. Please provide details of the measurement from device reference plane to probe for the Clause 6 tests.
6. Please show that the vocoder can pass the 1kHz 1/3 octave banded signal.
7. Please fully address the FCC 3G policy recently issued in June 2006. Please provide details of device capability, RF modes and vocoder modes/options used. Please also provide SO2 and SO55 conducted powers as required in the 3G guidance in RF emissions report.
8. Please discuss uncertainty table items. Which are lab specific? Please be sure to include Noise Contribution, RF interference and DUT positioning in your response.
9. Please submit test setup photographs for ABM testing.

RF emissions

10. Please provide validation for use of 30 kHz VBW

RESPONSE: Please refer to the supplemental reports submitted on August 27, 2006.