



Date: December 14, 2005

Subject: Request for additional information regarding FCC ID: IHDT56FQ1 (Portable PCS GSM transceiver)

Reference:

Application Received:	11/15/2005
Correspondence Reference Number:	151115A.IHD
Confirmation Number:	1511150552
Date of Original Email:	12/13/05

Prepared by:

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Questions and responses follow:

1. Regarding the use of cdma2000, filings should be clear about transmitter setup & operation capabilities to ensure devices are configured properly according to communication protocol and operating requirements in order to obtain valid SAR results. Please address the following questions.
 - a. What is the CDMA MS Protocol Revision number?
 - b. Please address the applicability of test codes to simulate the required test conditions.
 - c. Please identify the CDMA Radio Configurations, Service Options, multiplex options, voice/data, code channel combinations and options available to the EUT.
 - d. Please identify the CDMA Radio Configurations, Service Options, multiplex options, voice/data, code channel combinations and options used for the SAR tests.
 - e. Because of the different RC's, SO's, data rates, channel combinations and modulations, the filing should include justification for the selection of applicable configurations used to establish and maintain maximum output in order to demonstrate SAR compliance for other configurations that were not tested. Please provide the justification for the specific combination(s) used during the SAR tests.

RESPONSE: Please reference Supplemental SAR Report Exhibit 11A submitted on 12-14 -05

2. Does the EUT employ EV-DO? If so,

Body-worn SAR should be repeated in EV-DO (Rev. 0 only) using the CDMA 2000 body-worn channel configuration that resulted in the highest SAR among the various Radio Configurations in this frequency band (that is, just a single SAR test for EV-DO, as a sanity check). If this EV-DO SAR is greater than the highest body-worn SAR in CDMA 2000, perform body-worn SAR for the other 2 channels (among the required H, M, L channels).

Note: EV-DO operates independently of CDMA 2000 with different modulation, channel and protocol structures. It is not an integral part (seamless) of the CDMA 2000 structure, but overlays the 1x structure. EV-DO Rev A allows 307 kbps and higher order modulations; therefore, may need additional considerations. The above procedures applies to single band CDMA 2000 1x handsets with built-in EV-DO (Rev. 0) using the same transmit path hardware. Please contact us if the device in question operates in other configurations or EV-DO does not apply to body-worn conditions.

RESPONSE: Please reference Supplemental SAR Report Exhibit 11A submitted on 12-14-05

3. Please provide a table specifying the RBW/VBW/detector used to perform occupied bandwidth and conducted bandedge measurements. Please remember that the RBW must be at least 1% of the emission bandwidth.

RESPONSE: That was a typo in the original table. Here're the correct settings:

Equipment Settings						
Plot	Resolution Bandwidth (kHz)	Video Bandwidth (kHz)	Sweep Points (#)	Trace Mode	Detector	Samples (≥ #)
Reference Plot - CDMA 800	3000	Auto	2001	Max Hold	Peak	100
OCBW - CDMA 800	30	Auto	1601	Max Hold	Peak	100
Lower Band Edge - CDMA 800	1	Auto	2004	Max Hold	Peak	30
Upper Band Edge - CDMA 800	1	Auto	2004	Max Hold	Peak	30

Notes:

1) When the video bandwidth is set to Auto the video bandwidth self adjusts for ³ the resolution bandwidth.

2) The plotted data shown for the band edge measurements is representative of data taken with a true 13 kHz resolution bandwidth filter. The raw data was taken using a 1 kHz resolution bandwidth and was integrated to produce a response representative of data taken using a true 13 kHz resolution bandwidth filter.

4. The required body- worn SAR warning statement is not in the user's manual. Please confirm that it will be included prior to shipment of the EUT.

RESPONSE: Please reference Supplemental Exhibit 8A submitted on 12-14-05