Date: October 27, 2006

Subject: Request for additional information regarding FCC ID: IHDT56GJ1 (Portable PCS GSM transceiver)

Reference:
Correspondence Reference Number: 32426/7
731 Confirmation Number: TC781812
Date of Original Email: October 5, 2006

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Questions and responses follow:

1. Please provide details for the validation to justify use of 30 KHz VBW for the PMF determination in the RF emission test report.

   RESPONSE: The power measurements were compared and verified using an average power meter.

2. Please explain the movement of the maximum axial measurement location for battery 2 as shown in Table 5 of the T-coil report.

   RESPONSE: The battery 1 and battery 2 measurements were based on two slightly different points, both of which meet the T-coil requirements. The actual maximum axial location did not necessarily move.

3. 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.

   RESPONSE: The "Preliminary Guidance for Reviewing Applications for Certifications of 3G Devices" released on May 9, 2006 refers to the 3GPP2 C.5.011 / TIA -98-E for further guidance. We don't have any other document for guidance on which modes to consider.

   Per steps 3 & 4 of section 4.4.5.2 of 3GPP2 C.5.011 / TIA, the conducted power measurements for RC1 and RC3 CDMA modes are considered in SO55 service option. In addition, we have received several requests from previous FCC submissions to measure in SO2 service option.

   The conducted power measurements show that the portable cellular phone FCC ID IHDT56GJ1 has the same output conducted power across both RC1 and RC1 radio configurations and SO55 and SO2 service options.

Conducted Output Power (dBm):

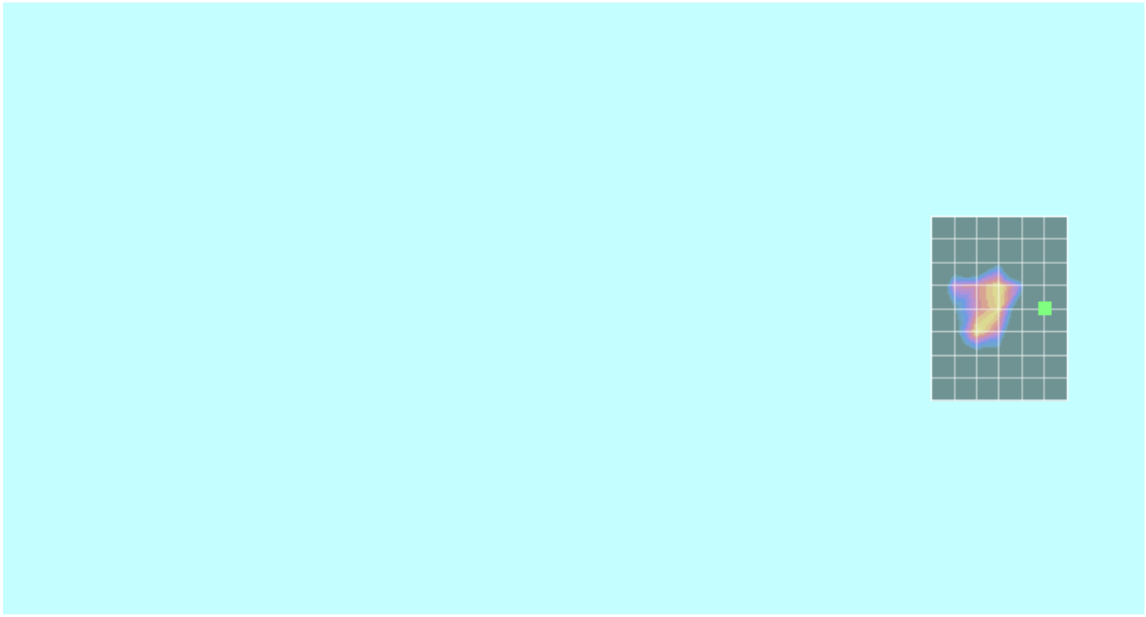
		RC1		RC3	
	Channel	SO2	SO55	SO2	SO55
800CDMA	1013	24.99	25.15	24.91	25.12
	384	25.10	25.15	25.08	25.12
	777	24.81	24.91	24.76	24.90
1900CDMA	25	24.93	25.18	24.90	25.05
	600	24.96	25.06	24.84	24.98
	1175	25.05	25.00	24.97	25.05

4. On T-coil contour plots please show the device reference point.

RESPONSE: The T-coil location is the earpiece speaker area. So the device reference point is the earpiece speaker. ABM1 plots for Z-axial, X-radial, and Y- radial are shown below. As expected, the Z-axial signal is centered on the earpiece speaker while X and Y radials signals are to the sides.

Z-axial signal scan. The green point is for the device reference.

X-radial signal scan. The green point is for the device reference.



Y-radial signal scan. The green point is for the device reference.

5) Please update the user manual statement regarding body worn usage to be consistent with the tested configurations.

RESPONSE: To ensure conservative results, body worn testing may be performed at a distance of 1.5 cm, instead of the 2.5 cm distance stated in the manual.