



**MOTOROLA**

**Date:** February 3, 2004

**Subject:** Request for additional information regarding Class II Permissive Change for  
FCC ID: IHDT56DR1 (Portable Cellular/PCS GSM transceiver with embedded Bluetooth transceiver)

**Reference:**

Application Received:	01/15/2004
Correspondence Reference Number:	240129A.IHD
Confirmation Number:	TC4013
Date of Original Email:	01/29/2004

**Prepared by:**

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**Question and response follow:**

1. The report states that the cellular body-worn w/ Bluetooth Active, Ch. 190 operating condition provides the highest measured SAR level. Please submit the SAR data plot for this condition.

**Response:** Please refer to the following plot:

s/n: LV60D20022

Ch# 190 / Pwr Step: 5(OTA)

Type of Modulation: GSM 850

Accessory Model # = MTO4366 Pouch Blue tooth enabled

Antenna Position: Fixed

Battery Model #: SNN5683A

R4 - Amy Twin Phantom Rev.4 (22Aug02) Phantom; section 1 Section; Position: (0°,0°); Frequency: 837 MHz

Probe: ET3DV6 - SN1514 - FCC Body.2; ConvF(6.10,6.10,6.10); Crest factor: 8.0; 835 MHz Head & Body:  $\sigma = 0.99$  mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 7x7x7: SAR (1g): 1.03 mW/g, SAR (10g): 0.690 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Penetration depth: 14.1 (13.0, 15.3) [mm]

Powerdrift: -0.03 dB

