



**MOTOROLA**

**Date:** August 12, 2004

**Subject:** Request for additional information regarding Class II Permissive Change for  
FCC ID: IHDT56EH1 (Portable Cellular/PCS GSM transceiver)

**Reference:**

Application Received:	8/03/2004
Correspondence Reference Number:	240812B.IHD
Confirmation Number:	TC4269
Date of Original Email:	8/12/2004

**Prepared by:**

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**Question and response follow:**

1. The z-axis plot for 7/26/04 does not display properly. Please resubmit.

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

# Dipole 900 MHz

900 MHz System Performance Check / Dipole Sn# 78

PM2 Power = 202mW      Refl.Pwr PM3= -23.95dB

Sim.Temp@SPC = 20.2°C      Room Temp @ SPC = 20°C

R# 2 TP-1106 SUGAR SAM Expanded (Rev. 2)-9Jan03 Phantom; Section; Position: ; Frequency: 900 MHz

Probe: ET3DV6 - SN1391 - Validation.4; ConvF(6.50,6.50,6.50); Crest factor: 1.0; 900 MHz VALIDATION:  $\sigma = 0.98 \text{ mho/m}$   $\epsilon_r = 42.2$   $\rho = 1.00 \text{ g/cm}^3$

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Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Penetration depth: 11.5 (10.6, 12.8) [mm]

