



**MOTOROLA**

**Date:** November 19, 2004

**Subject:** Request for additional information regarding FCC ID: IHDT56ED1 (Portable Cellular/PCS GSM/EDGE transceiver with embedded Bluetooth)

**Reference:**

Application Received:	10/20/2004
Correspondence Reference Number:	241027A.IHD
Confirmation Number:	TC4353
Date of Original Email:	10/27/2004

**Prepared by:**

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**Questions and responses follow:**

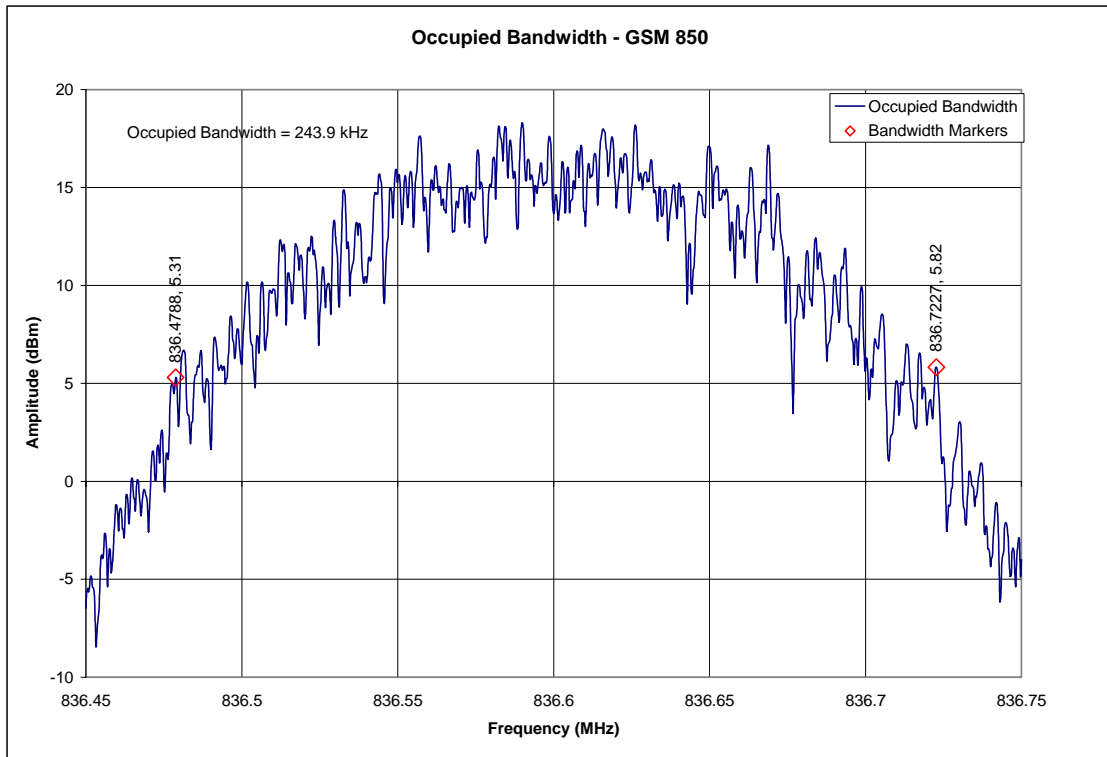
1. Please provide SAR test setup photographs.

**Response:** Please refer to the supplemental SAR report submitted on November 19, 2004

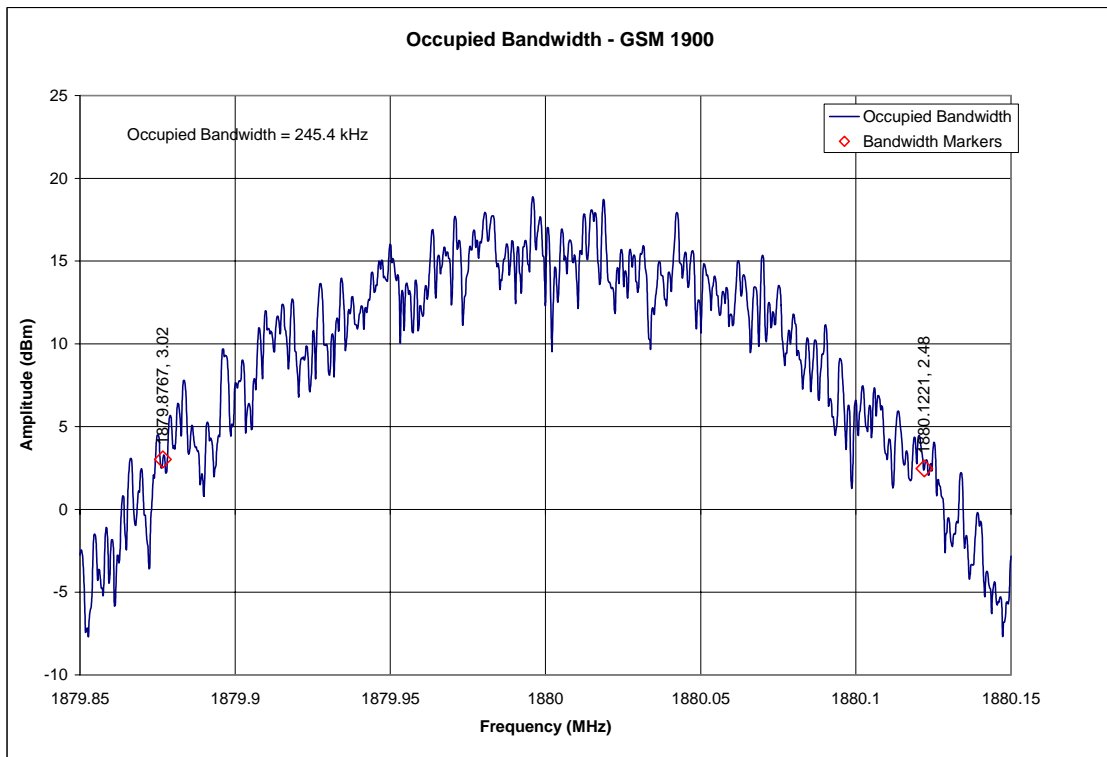
2. Please provide OBW plots and EIRP data for EDGE mode.

**Response:** Please refer to the following plots and radiated power data..

## GSM/Cellular 850 MHz EDGE Occupied Bandwidth



## GSM/PCS 1900 MHz EDGE Occupied Bandwidth



## EDGE RADIATED POWER

### **GSM 850**

824.2 MHz: 23.63 dBm

836.6 MHz: 24.47 dBm

848.8 MHz: 24.87 dBm

### **GSM 1900**

1850.2 MHz: 25.77 dBm

1880.0 MHz: 26.55 dBm

1909.8 MHz: 27.10 dBm

For all measurements, calibration was performed via gain substitution with a half-wave dipole.

Max EIRP in GSM 850 is 24.87 dBm (**max ERP is 22.77 dBm**).

**Max EIRP in GSM 1900 is 27.10 dBm**

3. Pages 8 and 9 of the SAR report have SAR data for PCS head that exceeds the original grant. Please submit SAR plots for this data.

**Response:** Please refer to the supplemental SAR report submitted on November 19, 2004