



**MOTOROLA**

**Date:** September 24, 2004

**Subject:** Request for additional information regarding FCC ID: IHDT6EG1 (GSM PCMCIA Card)

**Reference:**

Application Received:	08/02/2004
Correspondence Reference Number:	240920A.IHD
Confirmation Number:	TC4267
Date of Original Email:	09/20/2004

**Prepared by:**

Andrew Bachler, Principal Staff Engineer  
Motorola Personal Communications Sector  
Libertyville, Illinois

**Questions and responses follow:**

1. The EMC report (p. 6) lists the conducted output power as 30.39 dBm, but the SAR report (p. 3) lists it as 29.7 dBm. The level in the EMC report should not exceed the level listed in the SAR report by more than 0.5 dB. Please address.

**Response:** Both conducted and radiated power levels were incorrectly listed in the report. The correct values follow:

<u>Frequency (MHz)</u>	<u>Conducted Power (dBm)</u>	<u>Radiated Power (dBm)</u>
1850.20	29.36	29.60
1880.00	29.39	29.98
1909.80	29.41	29.34

**Max EIRP in GSM 1900 is 29.98 dBm** (max ERP is 27.88 dBm).

2. The User's Manual (p. ii) lists an incorrect max SAR level- please correct.

**Response:** The user's manual is corrected to indicate an IEEE SAR value of 1.24 W/kg.

3. The User's Manual (p. ii) also mentions "packet data", while the SAR report only mentions (and tests) GSM mode (1:8), and not GPRS. Is GPRS available? If not, the reference to "packet data" should be deleted. I note that the language in the manual also refers to the EUT as a phone is several places.

**Response:** Only Class 8 (1:8) GPRS mode is available for this device.

4. An item in the EMC report (p. 5) is listed as past its cal due date. Please address.

**Response:** The calibration due date for the HP83623B is corrected to: 6/20/2005.

5. Please provide a statement verifying the lack of any antenna capable of being used with the external antenna port at this time.

**Response:** Motorola confirms that no accessory antenna is available at this time. (No external antenna is available for this product.)