



MOTOROLA

Date: November 23, 2005

Subject: Request for information regarding FCC ID: IHDT56DB1 (Cellular/PCS GSM Transceiver Module)

Reference:

Correspondence Reference Number: 24087
731 Confirmation Number: TC224641
Date of Original Email: 10/28/2005

Prepared by:

Andrew Bachler, Principal Staff Engineer
Motorola Mobile Device Business
Libertyville, Illinois

Questions and responses follow:

1) Filing lists the following output powers in mW:

	pt22	pt24
EMC	629.5	807
grant	631	809
MPE	198	198

Please explain differences, and revise to harmonize.

Response: The MPE power value is based on a 1/8 duty cycle, but the power level was incorrect. The correct power level is specified in the recent class II permissive change submission.

2) MPE exhibit states device has 198mW source-based time-averaged output - please explain how duty factor is obtained.

Response: The 198 mW value is incorrect. It is based on a 1/8 duty cycle, but there is an error in the power level. The recent class II permissive change submission specifies:

- 850 MHz band (Part T22) 0.079 mW
- 1900 MHz band (Part 24) 0.101 mW

3) MPE exhibit, grant note, and user manual allows 11dBi max. antenna gain - please explain compliance with 47 CFR 24.232(b), and revise relevant parts of filing if appropriate.

Response: The class 2 permissive change was submitted and indicates an antenna gain which ensures compliance with a 2 Watt EIRP peak power limit specified in 47 CFR 24.232(b).

4) Applications TC299967 & TC737053 (FCC ID AZ489FT7010) have collocated this mobile licensed-service module in portable RF exposure conditions. Please submit a Class II permissive change filing for FCC ID IHDT56DB1 to amend grant notes to add specific-host collocated use. The C2pc filing should include at least specific-host SAR data AND measured radiated power (ERP/EIRP) as required for pt22/24 portable devices, and other specific-host exhibits (users manual, etc.).

Response: A class II permissive change for FCC ID: IHDT56DB1 was submitted to address this specific host use.

5) What are GPRS multislot and terminal classes?

Response: The GPRS Multislot is "Class 8".
The GPRS Terminal Class is "B"