

**MOTOROLA**

**Date:** July 21, 2006

**Subject:** Request for additional information regarding FCC ID: IHDT56GQ1 (Portable PCS CDMA transceiver)

**Reference:**

Correspondence Reference Number: IHD0362  
Confirmation Number: 1606300362  
Date of Original Email: July 18, 2006

**Prepared by:**

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

**Question and response follow:**

1. Please provide further details of the CDMA2000 device configuration and how 3G issues were accounted for with respect to EMC, SAR and HAC.

**Response:**

Per the "Preliminary Guidance for Reviewing Applications for Certifications of 3G Devices" released on May 9, 2006, RC1, RC3 and RC3 (FCH + SCH) CDMA modes were considered. The conducted power measurements (per steps 3, 4 & 10 of section 4.4.5.2 of 3GPP2 C.5.011 / TIA -98-E) show that the portable cellular phone FCC ID: IHDT56GQ1 has the same output conducted power for both CDMA modes.

|           |         | Conducted power (dBm) for CDMA modes |       |                                                                                                                                                                  |
|-----------|---------|--------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |         | RC1                                  | RC3   | RC3 (FCH + SCH)                                                                                                                                                  |
| CDMA 800  | Ch 1013 | 24.76                                | 24.75 | Per Motorola designs; the maximum power, when in a mode that allows supplemental channels, will always be less than the RC3 / RC1 maximum conducted power limit. |
|           | Ch 384  | 24.74                                | 24.72 |                                                                                                                                                                  |
|           | Ch 777  | 24.75                                | 24.75 |                                                                                                                                                                  |
| CDMA 1900 | Ch 25   | 24.93                                | 24.92 |                                                                                                                                                                  |
|           | Ch 600  | 24.97                                | 24.91 |                                                                                                                                                                  |
|           | Ch 1175 | 24.90                                | 24.77 |                                                                                                                                                                  |