

March 12, 2007

Supplement to HAC Test Report for Motorola portable cellular phone (IHDT56HD1)

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There was a request for additional information regarding Motorola's HAC Test Reports for Motorola portable cellular phone (FCC ID IHDT56HD1). The requested information is addressed below in the same numbering sequence received.

4.

Figure 4A-2 in Exhibit 7 does not indicate the final measurement locations for the T-coil test orientations. Please provide.

RESPONSE:

The exact location of measured points are shown with respect to device reference in the 4th figure on Appendix 1. The points are overlaid on the configuration file of the phone.

Location of measured points. Device reference is the pink point.



5.

Please provide ABM2 investigation for the 3G modes for Section 6 of the T-coil Report per July 2006 FCC guidance (See attached).

RESPONSE:

The T-coil signal is very strong for portable cellular phone FCC ID IHDT56HD1. The SNR data has over 20 dB margin from T4 limit.

Using S03 speech service, both RC1 and RC3 were measured on CDMA phone. ABM2 for S03, RC1 -42.31 dB A/m; ABM2 for S03, RC3 was -44.74 dB A/m.

There is a very large number of CDMA modes that the cellular phone operates within. The number of available modes on a live network is less but is selected by the operators. Also, the CMU 200 only supports a limited number of RC/SO options. Motorola believes that this is an industry wide issue and we are pursuing for the resolution of this issue on the industry level.

6.

Exhibit 6B-1, Appendix 2 HAC plots show 835MHz Dipole Type/Model that does not appear to correlate to dipole listed on page 4, Table 2. Please clarify.

RESPONSE:

There is a typo in Appendix 2. The dipole Type / Model should be "CD835V3".