



MOTOROLA

Date: December 20, 2002

Subject: Request for additional information (FCC ID: IHDT56CD1 Class II Permissive Change; Added body worn devices)

Reference:

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Summary of FCC request for additional information

There was a request for additional information regarding Motorola's SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56CD1). The requested information is addressed below in the same numbering sequence received.

1) Please correct the discrepancy in the conversion factor used for the Body SAR tests. The calibration documents indicate CF 4.9 while the test report shows CF 4.6 for Probe S/N 1514 at 1800 MHz. Please clarify.

Response: The incorrect calibration report was mistakenly attached to the class II permissive change filing. The correct calibration report is attached as appendix 1. The attached report does indicate the 1900MHz Body tissue CF as 4.6.

2) Confirmation that Body SAR test data was taken using CF at 1900 MHz. Please explain the expected deviation, if any.

Response: The body SAR test data was taken using a CF at 1900MHz. This is shown on page "2 of 2" on the attached calibration report for Probe SN1514.

3) Please provide the full list of accessories available for this device.

Response: Currently, very few accessories are available for this new product. However, several are planned, and like the new body worn devices in this class 2 submission, each requires permissive change evaluation. Current approved accessories are:

- Over-ear headset: SYN8908
- Retractable headset: SYN8284
- One-touch headset: SYN9351

4) Please confirm the Probe S/N: 1514 calibration dates are valid during the SAR tests.

Response: The incorrect calibration report was mistakenly attached to the filing. Attached is the correct calibration report in appendix 1.

5) Please supply the calibration documents for Probe S/N: 1398.

Response: Please see appendix 2.

6) Confirmation that body-worn SAR with "back to phantom" is worst case compared to "face to phantom". Has this been verified with testing ?

Response: The class II permissive change report includes new body-worn accessories have been developed that hold the phone in closer proximity to the

body and dictate the positioning of the DUT. The “back to phantom” and “face to phantom” no longer apply.

Appendix 1

Probe Calibration Report for SN1514

Appendix 2

Probe Calibration Report for SN1398