



**MOTOROLA**

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Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56EF1)

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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 IHDT56DF1). The requested information is addressed below in the same numbering sequence received.

3. There is a discrepancy between the conductivity value for 1880 MHz body tissue measured on 5/10/04 on p.4 of the SAR report (1.59) and the SAR plots (1.58). Please clarify.

**Response:** The table on p.4 had a typo. The SAR plot had the correct value. Please see a corrected table below.

| f (MHz) | Tissue type | Limits / Measured  | Dielectric Parameters |                |           |
|---------|-------------|--------------------|-----------------------|----------------|-----------|
|         |             |                    | $\epsilon_r$          | $\sigma$ (S/m) | Temp (°C) |
| 835     | Head        | Measured, 04/24/04 | 41.50                 | 0.91           | 18.1      |
|         |             | Measured, 04/25/04 | 41.50                 | 0.91           | 18.8      |
|         |             | Measured, 04/26/04 | 40.50                 | 0.89           | 18.8      |
|         |             | Recommended Limits | 41.5 ±5%              | 0.90 ±5%       | 18-25     |
|         | Body        | Measured, 04/26/04 | 55.40                 | 0.98           | 19.3      |
|         |             | Measured, 04/27/04 | 54.50                 | 0.98           | 18.7      |
|         |             | Measured, 05/10/04 | 53.80                 | 0.98           | 19.0      |
|         |             | Recommended Limits | 55.2 ±5%              | 0.97 ±5%       | 18-25     |
| 1880    | Head        | Measured, 04/27/04 | 38.60                 | 1.47           | 18.1      |
|         |             | Recommended Limits | 40.0 ±5%              | 1.40 ±5%       | 18-25     |
|         | Body        | Measured, 04/28/04 | 50.90                 | 1.58           | 19.1      |
|         |             | Measured, 05/10/04 | 51.30                 | 1.58           | 18.9      |
|         |             | Recommended Limits | 53.3 ±5%              | 1.52 ±5%       | 18-25     |

4. Please clarify the model numbers of the body-worn accessories- there are discrepancies between the SAR report and the SAR plots.

**RESPONSE:** The accessories used for the SAR measurements were:

- A Plastic Holster with a Metal Belt Clip: SYN0912A
- A Leather Pouch with Metal Belt Clip: CHYN4459A
- A Leather Case (with no belt clip): SYN9766A
- Belt Clips for Leather Case above : With No Metal: SYN8631A
- With Metal: SYN8763B

Some shorthand was used on the SAR plots. Plots that specify "Accessory Model: SYN8763B", used the Leather Case SYN9766A with the metal belt clip SYN8763B. Plots that specify "Accessory Model: SYN8631A", used the Leather Case SYN9766A with the no metal belt clip SYN8631A.