



April 28, 1999

Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT6ZA1).

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The following is additional information pertaining to of portable cellular phone FCC ID IHDT6ZA1. Unit serial number 54581459 was used for these tests.

1. Table A shows the conducted transmit power output for the three channels where SAR was measured.

<u>Channel</u>	<u>Power (Watts)</u>
521	0.794
661	0.631
810	0.562

Table A

2. The original report dated April 21, 1999 showed validation data taken on the SAR measurement system at 900 MHz. Following is validation data taken on the same SAR system at 1800 MHz.

Probe serial number 1005 was used for the measurements. It was calibrated at SPEAG™, and has a calibration date June 12, 1998. A copy of the calibration certificate is included as appendix B in the report dated April 22, 1999. Dipole Validation Kit type D1800V2, serial number 226 was used to validate the system accuracy. The validation SAR value is 39.9 mW/g normalized to 1 Watt, and the Dasy™ system used for the test phone measured 40.4 mW/g normalized to 1 Watt. This is within the required accuracy, and thus the measured SAR values are considered correct. The following plot is a printout of the validation test from the Dasy™ measurement system.

## 1800 MHz Validation Dipole

250 mW CW input power

MOT FLAT; MOTO FLAT

Probe: ET3DV4 - SN1005 (DAE2); ConvF(5.10,5.10,5.10); Crest factor: 1.0; Brain 1800 MHz:  $\sigma = 1.71$  [mho/m]  $\epsilon_r = 41.0$   $\rho = 1.00$  [g/cm<sup>3</sup>]

Cube 5x5x7: Peak: 19.5 [mW/g], SAR (1g): 10.1 [mW/g], SAR (10g): 5.09 [mW/g], (Worst-case extrapolation)

Penetration depth: 7.3 (7.1, 8.0) [mm]

