July 02, 2004
Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT5EH1)

Prepared by:
Albert Patapack
Motorola Personal Communications Sector Product Safety Laboratory
Libertyville, Illinois

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 IHDT5EH1). The requested information is addressed below in the same numbering sequence received.

2. Please submit SAR plots for the body-worn, front of phone facing the phantom configuration (both AMPS and CDMA).

Response: The requested plots are below in the Supplement to Appendix 3.

3. Please correct the following typos in the SAR report: (a) p.4- incorrect Recommended Limits for the Tissue Parameters for body values are listed, (b)
p.5- the Dipole Validation Target Value does not match the value listed in the Dipole Characterization Certificate.

Response: The corrected tables are attached below.

f (MHz)	Tissue type	Limits / Measured	Dielectric Parameters		
			e_r	s (S/m)	Temp (°C)
835	Head	**Measured,** 1-Jun-04	41.0	0.91	21.6
		Measured, 2-Jun-04	40.6	0.90	21.4
		Measured, 3-Jun-04	42.1	0.92	21.5
		Recommended Limits	41.5 ±5%	0.90 ±5%	18-25
	Body	**Measured,** 7-Jun-04	53.9	0.96	21.4
		Recommended Limits	55.2 ±5%	0.97 ±5%	18-25

f (MHz)	Description	SAR (W/kg), 1gram	Dielectric Parameters		Ambient Temp (°C)	Tissue Temp (°C)
			e_r	s (S/m)		
900	**Measured,** 1-Jun-04	11.3	40.2	0.97	21	21.3
	Measured, 2-Jun-04	11.1	39.8	0.96	21	20.9
	Measured, 3-Jun-04	11.2	41.3	0.98	21	21.8
	Measured, 7-Jun-04	11.3	41.1	0.98	21	21.8
	Recommended Limits	11.4	41.5 ±5%	0.97 ±5%	18-25	18-25

Supplement to Appendix 3

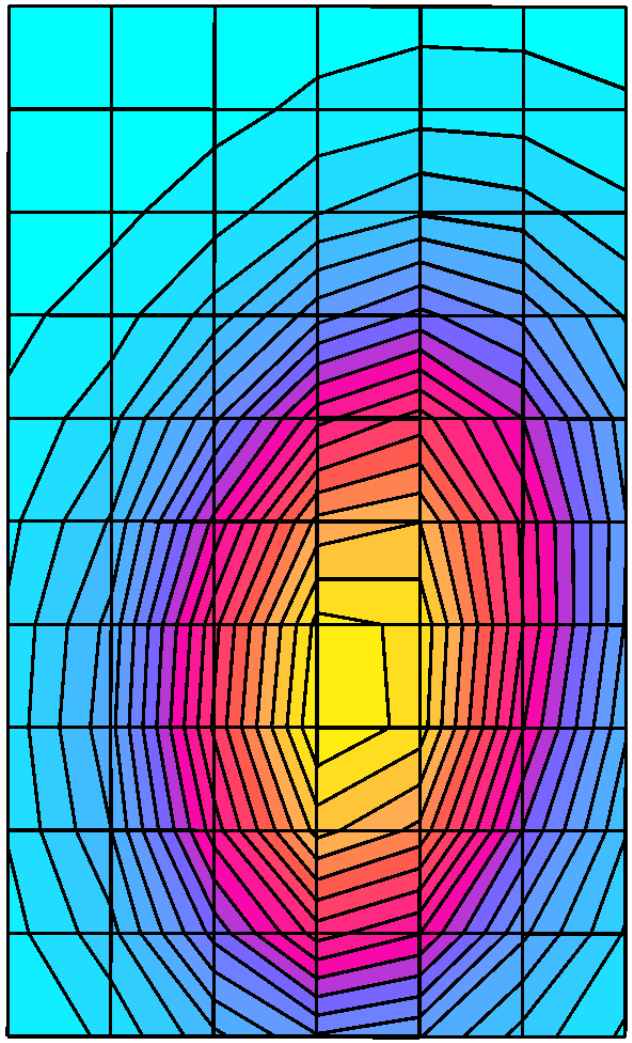
SAR distribution plots for Body Worn Configuration

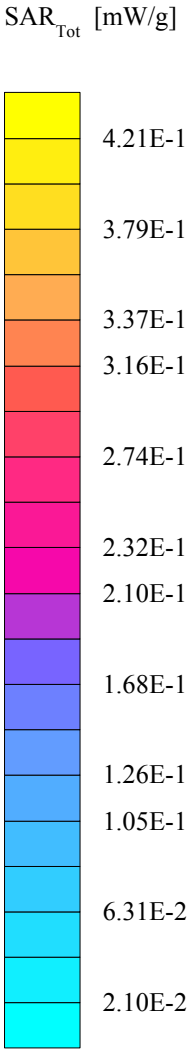
06/07/04

s/n: 321E7F4B

Ch# 384 / Pwr Step: 02(OTA) Antenna Position: Fixed
Type of Modulation: Amps 800 Battery Model #: SNN5668A
Accessory Model # = SYN8390B_Headset

Amy Twin Phantom Rev.4 (22Aug02) Phantom; section 1 Section; Position: (0°,0°); Frequency: 837 MHz
Probe: ET3DV6 - SN1503 - FCC Body.2; ConvF(6.20,6.20,6.20); Crest factor: 1.0; 835 MHz Head & Body: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 7x7x7: SAR (1g): 0.421 mW/g, SAR (10g): 0.302 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Penetration depth: 16.9 (15.4, 18.5) [mm]
Powerdrift: 0.01 dB





06/07/04

321E7F4B

Ch# 384 / Pwr Step: Always up(OTA) Antenna Position: Fixed
Type of Modulation: CDMA 800 Battery Model #: SNN5668A
Accessory Model # = SYN8390B_Headset

Amy Twin Phantom Rev.4 (22Aug02) Phantom; section 1 Section; Position: (0°,0°); Frequency: 837 MHz
Probe: ET3DV6 - SN1503 - FCC Body.2; ConvF(6.20,6.20,6.20); Crest factor: 1.0; 835 MHz Head & Body: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 7x7x7: SAR (1g): 0.396 mW/g, SAR (10g): 0.284 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Penetration depth: 16.9 (15.5, 18.4) [mm]
Powerdrift: -0.09 dB