



MOTOROLA

October 21, 2004

Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT6EL1)

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 IHDT6EL1). The requested information is addressed below in the same numbering sequence received.

1. Please confirm that the following is a typo: p.5 of the SAR report- the SAR levels and tissue parameters listed for the 2 dates of validation tests appear to be reversed.

Response: The data was entered incorrectly. Below is the corrected table.

<i>f</i> (MHz)	Description	SAR (W/kg), 1gram	Dielectric Parameters		Ambient Temp (°C)	Tissue Temp (°C)
			ϵ_r	σ (S/m)		
1800	Measured, 8-Oct-04	39.2	39.5	1.38	20	19.1
	Measured, 10-Oct-04	39.6	38.6	1.37	20	19.1
	Recommended Limits	40.7	40.0 ±5%	1.4 ±5%	18-25	18-25

2. The SAR plot for right touch shows the highest SAR level on channel 661, but the data page (p.7) lists this value for channel 512. Please address.

Response: An incorrect channel number was entered for the SAR plot in question. Below is the corrected SAR plot.

s/n: 354070000014592

Ch# 512 / Pwr Step: 0 OTA

Type of Modulation: 1900 GSM

DEVICE POSITION (cheek or rotated): CHEEK

R#1 TP-1154 GLYCOL SAM Expanded (Rev. 2)-9Jan03; Right Hand

Probe: ES3DV3 - SN3037 - IEEE Head; ConvF(4.90,4.90,4.90); Crest factor: 8.0; 1880 MHz Head & Body: $\sigma = 1.47$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³

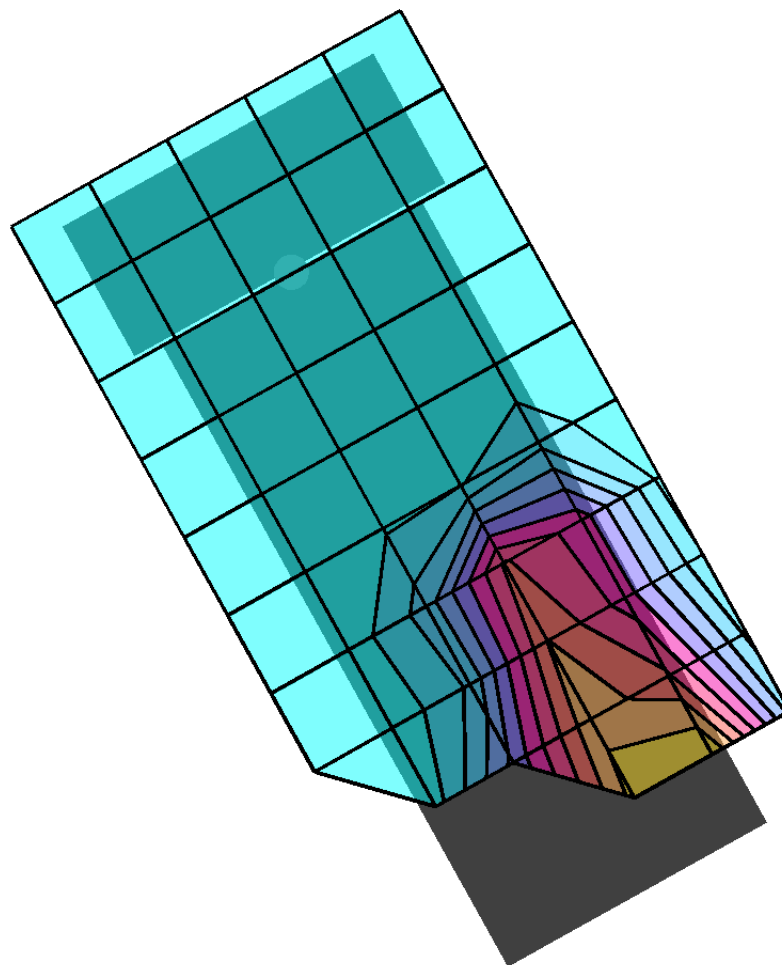
Cube 7x7x7: Peak: 1.71 mW/g, SAR (1g): 1.16 mW/g (Worst-case extrapolation)

Penetration depth: 15.1 (14.5, 15.6) [mm]

Powerdrift: -0.35 dB

Antenna Position: INTERNAL

Battery Model #: SNN5614B



SAR_{Tot} [mW/g]

