



MOTOROLA

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Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56EC1)

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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 IHDT56EC1). The requested information is addressed below in the same numbering sequence received.

6. The tissue parameters for PCS SAR head testing taken on 1/24/04 and listed in the Table on p.4 do not match those listed on the following SAR plots: PCS right touch antenna extended; PCS right touch antenna retracted; PCS right tilt antenna retracted. I note that the tissue parameters listed on the SAR plots of other PCS head tests performed on the same day do match the values listed in the Table. It appears as though another line entry of tissue parameters, for those tests listed above, must be added to the Table on p.4. Please address.

Response: The dielectric parameters table on page 4 of the SAR test report was missing a set of head parameters for 01/24/2004. The corrected table is below:

Table for Page 4 of SAR Report

f (MHz)	Tissue type	Limits / Measured	Dielectric Parameters		
			ϵ_r	σ (S/m)	Temp (°C)
835	Head	Measured, 01/17/2004	42.0	0.92	19.6
		Measured, 01/18/2004	42.1	0.92	20.0
		Measured, 01/19/2004	40.9	0.90	19.2
		Recommended Limits	41.5 $\pm$ 5%	0.90 $\pm$ 5%	18-25
	Body	Measured, 01/19/2004	53.5	0.98	19.0
		Measured, 01/20/2004	52.6	0.98	19.3
		Recommended Limits	55.2 $\pm$ 5%	0.97 $\pm$ 5%	18-25
1880	Head	Measured, 01/24/2004	39.1	1.47	19.5
		Measured, 01/24/2004	38.5	1.46	19.5
		Measured, 01/27/2004	38.6	1.44	18.1
		Recommended Limits	40.0 $\pm$ 5%	1.40 $\pm$ 5%	18-25
	Body	Measured, 01/25/2004	52.1	1.58	18.5
		Measured, 01/28/2004	52.4	1.59	19.1
		Recommended Limits	53.3 $\pm$ 5%	1.52 $\pm$ 5%	18-25