



**MOTOROLA**

March 1, 2004

Supplement to SAR Class II Permissive Change Test Report for Motorola portable cellular phone  
(FCC ID IHDT56DW1)

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## Summary of FCC request for additional information

There was a request for additional information regarding Motorola's SAR Class II Permissive Change Test Report for Motorola portable cellular phone (FCC ID IHDT56DW1). The requested information is addressed below in the same numbering sequence received.

1. The tissue parameters listed on the data plots taken on 2/7/04 for cellular right head touch (both batteries) and right head tilt are not listed in the Table on p.4. It appears that a set of tissue parameters was left out of the Table.

**Response:** A set of tissue parameters were left out of the original report. The corrected table is below:

Table for Page 4 of SAR Report

<i>f</i> (MHz)	Tissue type	Limits / Measured	Dielectric Parameters		
			$\epsilon_r$	$\sigma$ (S/m)	Temp (°C)
835	Head	Measured, 07-Feb-04	42.1	0.91	19.3
		Measured, 07-Feb-04	41.8	0.90	19.9
		<b>Recommended Limits</b>	41.5 ±5%	0.90 ±5%	18-25
1880	Head	Measured, 06-Feb-04	39.2	1.45	19.0
		Measured, 08-Feb-04	39.7	1.43	19.1
		Measured, 10-Feb-04	39.0	1.44	18.8
		<b>Recommended Limits</b>	40.0 ±5%	1.40 ±5%	18-25

2. The data plots for cellular right head touch alternate battery and PCS right head touch alternate battery list the battery model as 5582B, but the data table on p.8 lists the alternate battery model as 5582A. Please clarify.

**Response:** There were typos in the original report. The corrections are below.

On page 6 of the report:

The Cellular Phone (FCC ID IHDT56DW1) has the following battery options:

SNN5588A - 750mAH Battery

SNN5582B - 500mAH Battery

Table 3 on page 8 of the report

f (MHz)	Description	Conducted Output Power (dBm)	Cheek / Touch Position using SNN5582B battery								
			Left Head				Right Head				
			Measured (W/kg)	Drift (dB)	Extrapolated (W/kg)	Simulate Temp (°C)	Measured (W/kg)	Drift (dB)	Extrapolated (W/kg)	Simulate Temp (°C)	
Digital 850MHz	Channel 128	31.00									
	Channel 189	31.00					<b>0.729</b> <b>r40207</b>	<b>-0.03</b>	<b>0.73</b>	<b>19.9</b>	
	Channel 251	31.00									
Digital 1900MHz	Channel 512	29.50					<b>1.01</b> <b>r40210</b>	<b>-0.1</b>	<b>1.03</b>	<b>19.2</b>	
	Channel 661	29.50					0.952	-0.03	0.96	19.2	
	Channel 810	29.50					0.91	-0.03	0.91	19.2	

**Table 3: SAR measurement results for the portable cellular telephone FCC ID IHDT56DW1 at highest possible output power. Measured against the head in the Cheek/Touch Position using SNN5582B battery.**