



# MOTOROLA

**Date:** September 13, 2007

**Subject:** Request for additional information regarding FCC ID: IHDT56HN2

**Reference:**

Correspondence Reference Number:	IHD7676-A
731 Confirmation Number:	707240676-78
Date of Original Email:	September 13, 2007

**Prepared by:**

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Question and response follow:

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

Thank you for your response. We note that, in your response to question 5, the table shows the correct target value for 900 MHz, but the theoretical target from IEEE1528 is still used for the 1800 MHz measurement. The Grand Average value, from the dipole cert, should also be used here. Please address.

**Response:** Please refer to the following table, which has been updated to include the both the 11.3 W/kg Grand Average from the 900MHz dipole certification and the 37.5 W/kg Grand Average from the 1800 MHz dipole certification.

$f$ (MHz)	Description	SAR (W/kg), 1gram	Dielectric Parameters		Ambient Temp (°C)	Tissue Temp (°C)
			$\epsilon_r$	$\sigma$ (S/m)		
900	Measured, 7/27/2007	10.9	40.7	0.97	20.8	19.2
	Measured, 7/31/2007	10.9	39.9	0.96	20.8	19.8
	Measured, 8/2/2007	11.0	39.8	0.95	20.4	19.9
	<b>Recommended Limits</b>	11.3	41.5 ±5%	0.97 ±5%	18-25	18-25
1800	Measured, 7/28/2007	36.5	39.0	1.36	20.7	19.9
	Measured, 7/31/2007	37.2	40.0	1.37	21.0	20.0
	Measured, 8/1/2007	37.1	40.0	1.36	21.0	20.0
	Measured, 8/2/2007	38.3	39.9	1.38	20.6	19.6
	<b>Recommended Limits</b>	37.5	40.0 ±5%	1.4 ±5%	18-25	18-25