

Client:	Adura Technologies	Job Number:	J73245
Model:	Sensor Interface(SI)	T-Log Number:	T74993
Contact:	Michael Corr	Account Manager:	Deepa Shetty
Standard:	FCC Part 15.247, Subpart B	Class:	N/A

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 9/24/2009

Test Engineer: Mark Hill

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

Device complies with Power Density requirements at 20cm separation:	Yes
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Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

Use: General

Antenna: 2dBi internal or external antenna

Freq. MHz	EUT Power		Cable Loss	Ant Gain	Power at Ant	EIRP	Power Density (S)	MPE Limit
	dBm	mW*	dB	dBi	dBm	mW	at 20 cm mW/cm^2	at 20 cm mW/cm^2
2405	6.7	4.7	0	2	6.7	7.41	0.001	1.000
2440	10.6	11.5	0	2	10.6	18.20	0.004	1.000
2480	-12.8	0.1	0	2	-12.8	0.08	0.000	1.000

SAR Threshold (60/f mW): 24.19 mW @ 2480 MHz

Note: EIRP is below the SAR threshold