Client:	Adura Technologies	Job Number:	J73243
Model:	Light Controller	T-Log Number:	T74691
		Account Manager:	Deepa Shetty
Contact:	Josh Mooney		
Standard:	FCC Part 15.247	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: 5/8/2009
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

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.	EUT Power		Cable Loss	Ant Gain	Power at Ant	EIRP	Power Density (S) at 20 cm	MPE Limit at 20 cm
MHz	dBm	mW*	dB	dBi	dBm	mW	mW/cm^2	mW/cm^2
2405	11.8	15.1	0	2	11.8	23.99	0.005	1.000
2440	11.2	13.2	0	2	11.2	20.84	0.004	1.000
2475	10.3	10.6	0	2	10.3	16.79	0.003	1.000
2480	-10.6	0.1	0	2	-10.6	0.14	0.000	1.000

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

Note: EIRP is below the SAR threshold