



# EMC Test Data

Client: Ozmo, Inc.	Job Number: J88281
Model: OZMO2000WM014B1 (RD014v3)	T-Log Number: T88313
	Account Manager: Sheareen Jacobs
Contact: Mike Schwartz	
Standard: FCC/IC 15.247, 15.407	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: 7/27/2012

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.



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Use: General  
 Antenna: 2.0dBi in 5GHz

Freq. MHz	EUT Power		Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm <sup>2</sup>	MPE Limit at 20 cm mW/cm <sup>2</sup>
	dBm	mW*						
5745	1.0	1.3	0	5.3	1.0	4.3	0.001	1.000
5785	0.2	1.0	0	5.3	0.2	3.5	0.001	1.000
5825	0.7	1.2	0	5.3	0.7	4.0	0.001	1.000

Freq. MHz	EUT Power		Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm <sup>2</sup>	MPE Limit at 20 cm mW/cm <sup>2</sup>
	dBm	mW*						
5180	4.9	3.1	0	5.3	4.9	10.5	0.002	1.000
5200	4.6	2.9	0	5.3	4.6	9.8	0.002	1.000
5240	4.3	2.7	0	5.3	4.3	9.1	0.002	1.000

RF exposure threshold (per KDB 447498 2) i): 11.6 mW

Note - maximum EIRP is less than the RF exposure threshold.