

Client:	Ozmo, Inc.	Job Number:	J87040
Model:	OZMO2000WM014A1 (RD014V4)	T-Log Number:	T87366
		Account Manager:	Sheareen Jacobs
Contact:	Mike Schwartz		
Standard:	FCC/IC 15.247, 15.407	Class:	N/A

RF Exposure Evaluation

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.



EMC Test Data

Client:	Ozmo, Inc.	Job Number:	J87040
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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 ²	MPE Limit at 20 cm mW/cm ²
	dBm	mW*						
5745	1.0	1.3	0	2	1.0	2.0	0.000	1.000
5785	0.2	1.0	0	2	0.2	1.7	0.000	1.000
5825	0.7	1.2	0	2	0.7	1.9	0.000	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 ²	MPE Limit at 20 cm mW/cm ²
	dBm	mW*						
5180	4.9	3.1	0	2	4.9	4.9	0.001	1.000
5200	4.6	2.9	0	2	4.6	4.6	0.001	1.000
5240	4.3	2.7	0	2	4.3	4.3	0.001	1.000

RF exposure threshold (per KDB 447498 2) i): 10.3 mW

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