

Client:	Ozmo, Inc.	Job Number:	J87039
Model:	RD0121v1	T-Log Number:	T87048
		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: 4/25/2012

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: 0.9dBi in 2.4GHz, 4.6dBi 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*						
2412	4.5	2.8	0	0.9	4.5	3.5	0.001	1.000
2437	4.7	3.0	0	0.9	4.7	3.6	0.001	1.000
2462	5.1	3.2	0	0.9	5.1	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 ²	MPE Limit at 20 cm mW/cm ²
	dBm	mW*						
5745	0.6	1.1	0	4.6	0.6	3.3	0.001	1.000
5785	-0.5	0.9	0	4.6	-0.5	2.6	0.001	1.000
5825	-0.6	0.9	0	4.6	-0.6	2.5	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	4.2	2.6	0	4.6	4.2	7.6	0.002	1.000
5200	3.4	2.2	0	4.6	3.4	6.3	0.001	1.000
5240	3.0	2.0	0	4.6	3.0	5.7	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.