Client:	Biscotti, Inc.		Job Number:	J89805
Model:	W0001 - Module 802.11abgn 2x2		T-Log Number:	T89809
			Account Manager:	Deepa Shetty
Contact:	Nadeem Ahmed			
Standard:	FCC 15.247, 15.E		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: 1/18/2013

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.

EMC Test Data

Client:	Biscotti, Inc.		Job Number:	J89805
Model:	W0001 - Module 802.11abgn 2x2		T-Log Number:	T89809
			Account Manager:	Deepa Shetty
Contact:	Nadeem Ahmed			
Standard:	FCC 15.247, 15.E		Class:	N/A

Use: General
Antenna: 2.4 GHz: 3dBi
5 GHz: 5.5dBi

Using worse case channel/mode for each band

Freq. MHz	EUT Power dBm	EUT Power mW*	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
2412	22.6	182.0	0	3	22.6	363.08	0.072	1.000
5230	13.4	21.9	0	5.5	13.4	77.62	0.015	1.000
5260	15.0	31.6	0	5.5	15.0	112.20	0.022	1.000
5500	14.2	26.6	0	5.5	14.2	94.35	0.019	1.000
5755	16.9	49.0	0	5.5	16.9	173.78	0.035	1.000

Note: Per RSS-102, 2.5.2, the device is exempt from routine evaluation due to the maximum eirp < 5W.