



EMC Test Data

Client: Pyramid Communications	Job Number: J94394
Model: WB-1000 (Wireless Basestation)	T-Log Number: T94722
	Project Manager: Christine Krebill
Contact: Chris Carbajal	Project Coordinator: -
Standard: FCC 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: 3/19/2014

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: 2.2dBi omni

USE THIS FOR 300-1500 MHz single transmitters

Freq. MHz	EUT Power		Cable Loss 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*						
902.57	13.1	20.4	0	2.2	13.1	33.88	0.007	0.602
914.81	13.1	20.4	0	2.2	13.1	33.88	0.007	0.610
927.32	13.1	20.4	0	2.2	13.1	33.88	0.007	0.618

For the cases where S > the MPE Limit

Freq. MHz	Power Density (S) at 20 cm mW/cm ²	MPE Limit at 20 cm mW/cm ²	Distance where S <= MPE Limit cm
902.57	0.007	0.602	2.1
914.81	0.007	0.610	2.1
927.32	0.007	0.618	2.1