

Client:	Meru Networks	Job Number:	J69323
Model:	AP 150	T-Log Number:	T69404
		Account Manager:	Richard Gencev
Contact:	John Dorsey		
Standard:	FCC Part 15.247/RSS-210	Class:	N/A

Maximum Permissible Exposure

Test Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1310, 2.1091 and RSS-102.

Date of Test: 11/1/2007

Test Engineer: Mark Hill

General Test Configuration

Calculation performed based on measured output power and antenna gain and S (Power Density) = $(\text{Power} \times \text{Gain}) / (4 \times \text{PI} \times d^2)$.

Summary of Results

Device complies with Power Density requirements at 20cm separation:	Yes
If not, required separation distance (in cm):	N/A

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

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Use: General
 Antenna: 3 dBi

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*						
5260	16.3	42.2	0	3	16.3	84.14	0.017	1.000
5300	16.6	45.7	0	3	16.6	91.20	0.018	1.000
5320	12.1	16.2	0	3	12.1	32.36	0.006	1.000
5500	16.0	39.7	0	3	16.0	79.25	0.016	1.000
5600	17.2	51.9	0	3	17.2	103.51	0.021	1.000
5700	17.1	51.1	0	3	17.1	101.86	0.020	1.000

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
5260	0.017	1.000	2.6
5300	0.018	1.000	2.7
5320	0.006	1.000	1.6
5500	0.016	1.000	2.5
5600	0.021	1.000	2.9
5700	0.020	1.000	2.8