Client:	Ubiquiti Networks	Job Number:	J86352
Model:	RocketM5 Titanium	T-Log Number:	T88756
		Account Manager:	Michelle Kim
Contact:	Jennifer Sanchez		
Standard:	FCC 15.E/RSS-210	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: 11/29/2012

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

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: 20dBi Sector or 30dBi Dish

Using worse case conditions

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
5270	-0.4	0.9	0	30	-0.4	912.01	0.181	1.000
5300	-0.3	0.9	0	30	-0.3	933.25	0.186	1.000
5320	-0.4	0.9	0	30	-0.4	912.01	0.181	1.000
5510	-0.2	1.0	0	30	-0.2	954.99	0.190	1.000
5550	-0.4	0.9	0	30	-0.4	912.01	0.181	1.000
5675	-1.3	0.7	0	30	-1.3	741.31	0.147	1.000

For the cases where S > the MPE Limit

Freq. MHz	S @ 20 cm mW/cm^2	MPE Limit mW/cm^2	Distance where S <= MPE Limit
5270	0.181	1.000	8.5cm
5300	0.186	1.000	8.6cm
5320	0.181	1.000	8.5cm
5510	0.190	1.000	8.7cm
5550	0.181	1.000	8.5cm
5675	0.147	1.000	7.7cm