Client:	Ubiquiti Networks	Job Number:	J82749
Model:	NanoStation Loco M5	T-Log Number:	T82792
		Account Manager:	Susan Pelzl
Contact:	Jennifer Sanchez		
Standard:	FCC 15E, 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: 7/28/2011

Test Engineer: Mark Briggs

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.

MPE Calculation

Use: General

Antenna: 16dBi integral antenna

Freq. MHz	EIRP dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	Comments
5.25-5.35	29.7	933.25	0.186	1.000	HT30 mode had the highest eirp
5.47-5.725	29.7	933.25	0.186	1.000	HT20 mode has the highest eirp