Client:	Xetawave LLC	Job Number:	J98677
Model:	Xeta2	T-Log Number:	T98773
		Project Manager:	Christine Krebill
Contact:	Sandee Malang	Project Coordinator:	-
Standard:	FCC Part 90	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: 8/21/2015
Test Engineer: Deniz Demirci
Fremont EMC Lab #4B

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:	No
If not, required separation distance (in cm):	61.6

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC MPE Calculation
Use: General
Antenna: 2.1 dBi

FOR 30-300 MHz single transmitters (General use)

Freq. MHz	EUT Power dBm	EUT Power mW*	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
218.5	33.0	1995.3	0	2.1	33.0	3235.94	0.644	0.200
221.0	37.7	5888.4	0	2.1	37.7	9549.93	1.900	0.200

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
218.5	0.644	0.200	35.9
221.0	1.900	0.200	61.6