Client:	Satarii Inc	Job Number:	J86132
Model:	Swivl - SW1721(BA1) Basestation, SW1721(MA1) Remote	T-Log Number:	T86212
		Account Manager:	Deepa Shetty
Contact:	Vladimir Tetelbaum		
Standard:	FCC 15B, 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: 2/10/2012

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.

Client:	Satarii Inc	Job Number:	J86132
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Standard:	FCC 15B, FCC 15.247	Class:	N/A

Use: General
Antenna: 3.3dBi
Basetation

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
2406	0.3	1.1	0	3.3	0.3	2.27	0.000	1.000
2438	2.4	1.7	0	3.3	2.4	3.71	0.001	1.000
2474	-0.7	0.9	0	3.3	-0.7	1.84	0.000	1.000

Remote

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
2406	5.0	3.2	0	3.3	5.0	6.76	0.001	1.000
2438	3.2	2.1	0	3.3	3.2	4.47	0.001	1.000
2474	4.4	2.8	0	3.3	4.4	5.89	0.001	1.000

As the output power is below the 20mW EIRP threshold detailed in RSS-102, 2.5.1, the devices are exempt from routine evaluation.