



# EMC Test Data

Client:	Wireless Seismic, Inc.	Job Number:	J94578
Product:	01-0001	T-Log Number:	T94651
Contact:	Bande Adepaju	Project Manager:	Deepa Shetty
Emissions Standard(s):	FCC 15.247 / RSS-210	Project Coordinator:	-
Immunity Standard(s):	-	Class:	-
		Environment:	-

## EMC Test Data

For The

**Wireless Seismic, Inc.**

Product

01-0001

Date of Last Test: 3/28/2014



# EMC Test Data

Client: Wireless Seismic, Inc.	Job Number: J94578
Model: 01-0001	T-Log Number: T94651
	Project Manager: Deepa Shetty
Contact: Bandele Adepoju	Project Coordinator: -
Standard: FCC 15.247 / 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: 4/3/2014

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
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### 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.

Use: General

Antenna:

Freq. MHz	EUT Power		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 $mW/cm^2$
	dBm	mW*						
2403	12.5	17.8	0	5.5	12.5	63.10	0.013	1.000
2439	12.9	19.5	0	5.5	12.9	69.18	0.014	1.000
2475	12.8	19.1	0	5.5	12.8	67.61	0.013	1.000