



EMC Test Data

Client:	Lab Sensor Solutions	Job Number:	JD98970
Model:	Reduced Sensor 1A	T-Log Number:	T98995
Contact:	Daniel Paley	Project Manager:	Irene Rademacher
Standard:	FCC 15.247	Project Coordinator:	Mark Hill
		Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

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: 8/19/2015

Test Engineer: Mark Hill

General Test Configuration

For the FCC SAR Exclusion:

$[(\text{max. power of channel, including tune-up tolerance, mW})/\text{min. test separation distance, mm}]*[\sqrt{F(\text{GHz})}]$

Summary of Results

Device complies with SAR exclusion at 5mm 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.

FCC SAR Exclusion Calculation

Freq. MHz	EUT Power dBm		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
2440	-2.4	0.6	0	1.1	-2.4	0.74	5.0	0.18	3.0