



## EMC Test Data

Client:	Energous	Job Number:	J96937
Model:	MLA-1599	T-Log Number:	T96943
Contact:	FW Miller	Project Manager:	Irene Rademacher
Standard:	FCC 15.247	Project Coordinator:	-
		Class:	N/A

### SAR Exclusion Calculation

#### 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: 12/26/2014

Test Engineer: David Bare

#### General Test Configuration

Per KDB 447498 D01, Section 4.3.1 - The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at a test separation distance  $\leq 50\text{mm}$  is determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})]^{0.5} \leq 3 \text{ (for 1-g) or } 7 \text{ (for 10-g)}$$

#### Summary of Results

Device complies with SAR exclusion at 5mm separation:	Yes
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#### SAR Exclusion Calculation

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
2402	dBm	mW*	0	1	2.3	2.14	5.0	0.53	3.0