Client:	WateR8	Job Number:	JD100279
Model:	S001 (900MHz non-PA radio module)	T-Log Number:	T100305
		Project Manager:	Sheareen Jacobs
Contact:	Steve Smith	Project Coordinator:	-
Standard:	FCC 15.247	Class:	N/A

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: 2/9/2016
Test Engineer: Mark Hill

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 ≤ 50mm is determined by:

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

Summary of Results

Device complies with SAR exclusion at 5mm 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.

FCC SAR Exclusion Calculation

Freq. MHz	EUT Power dBm	EUT Power mW*	Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
902.6	-3.3	0.5	0	0	-3.3	0.47	5.0	0.09	3.0