Client:	WateR8	Job Number:	JD100279
Model:	R006 (900MHz radio module)	T-Log Number:	T100302
		Project Manager:	Sheareen Jacobs
Contact:	Steve Smith	Project Coordinator:	-
Standard:	FCC 15.247	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: 2/4/2016

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.

FCC MPE Calculation

Use: General

Antenna: 0dBi

Freq. MHz	EUT Power dBm	EUT Power mW*	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
902.6	9.5	8.9	0	0	9.5	8.91	0.002	0.602
915	8.4	6.9	0	0	8.4	6.92	0.001	0.610
927.4	6.8	4.8	0	0	6.8	4.79	0.001	0.618

Note - power values represent the worse case power including manufacturing tolerance