



EMC Test Data

Client: Proteus Digital Health	Job Number: JD100869
Model: RW2 Patch	T-Log Number: T101589
	Project Manager: Deepa Shetty
Contact: Robert Leichner	Project Coordinator: -
Standard: FCC 15.247, RSS 247, EN 300 328	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: 5/20/2016
 Test Engineer: David Bare

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m²), 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 SAR exclusion at 5mm separation:	Yes
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Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC 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 KDB 447498 D01
	dBm	mW*							
2402	-10.9	0.1	0	1.72	-10.9	0.12	5.0	0.03	3.0
2440	-11.4	0.1	0	1.72	-11.4	0.11	5.0	0.02	3.0
2480	-12.4	0.1	0	1.72	-12.4	0.09	5.0	0.02	3.0

* Calculated per the formula in FCC KDB 447498 D01 section 4.3.1(a)
 [Power in mW / separation distance in mm] * v_{fGHz}