



EMC Test Data

Client: Nevro Corporation	Job Number: PR085867
Model: PW1000	T-Log Number: TL085867-RA
	Project Manager: Christine Krebill
Contact: Ryan Greenstreet	Project Coordinator: David Bare
Standard: FCC part 95, EN 301 839	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: 1/9/2019

Test Engineer: David Bare

General Test Configuration

MPE 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). SAR exclusion uses the equation from FCC KDB 447498.

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 Calculation
	dBm	mW*							
402.45	-16.6	0.022	0	6.3	-16.6	0.093	5.0	0.003	3.0

Innovation Science and Economic Development Canada SAR Exclusion Calculation (Highest of output power or EIRP)

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	Maximum Power or EIRP	SAR Exclusion Limit (mW)
	dBm	mW*							
402.45	-16.6	0.022	0	6.3	-16.6	0.093	5.0	0.093	52.0