Client:	Pace Americas, Inc.	Job Number:	JD100298
Model:	Wi-Fi Module 2.4 GHz	T-Log Number:	T100355
		Project Manager:	Irene Radamacher
Contact:	Mark Rieger	Project Coordinator:	-
Standard:	FCC Part 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: 2/29/2016
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/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/No
If not, required separation distance (in cm):	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.

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Standard:	FCC Part 15.247	Class:	N/A

FCC MPE Calculation

Use: General

Antenna: Effective antenna gain = 8.1 dBi

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
2412	26.8	478.6	0	8.1	26.8	3090.30	0.615	1.000
2437	27.6	575.4	0	8.1	27.6	3715.35	0.739	1.000
2462	26.8	478.6	0	8.1	26.8	3090.30	0.615	1.000

For the cases where S > the MPE Limit

Freq. MHz	S @ 20 cm mW/cm^2	MPE Limit mW/cm^2	Distance where S <= MPE Limit
2412	0.615	1.000	15.7cm
2437	0.739	1.000	17.2cm
2462	0.615	1.000	15.7cm

Industry Canada MPE Calculation

Use: General

Antenna: Effective antenna gain = 8.1 dBi

USE THIS FOR 300-6000 MHz single transmitters (General use)

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
2412	26.8	478.6	0	8.1	26.8	3090.30	0.615	0.537
2437	27.6	575.4	0	8.1	27.6	3715.35	0.739	0.540
2462	26.8	478.6	0	8.1	26.8	3090.30	0.615	0.544

For the cases where S > the MPE Limit

Freq. MHz	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	Distance where S <= MPE Limit cm
2412	0.615	0.537	21.4
2437	0.739	0.540	23.4
2462	0.615	0.544	21.3