



## RF Exposure Report

**Report No.:** SA150504E01

**FCC ID:** U8G-P1093

**Test Model:** MAX BR1 Slim LTE

**Series Model:** MAX BR1 Slim, MAX BR1, Pismo 930 Mini, Pismo 930, MAX

**Received Date:** May 04, 2015

**Test Date:** May 19, 2015

**Issued Date:** June 11, 2015

**Applicant:** Pismo Labs Technology Limited

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**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Hsin Chu Laboratory

**Lab Address:** No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan R.O.C.

**Test Location (1):** No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan R.O.C.

**Test Location (2):** No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan R.O.C.

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### Table of Contents

<b>Release Control Record</b> .....	<b>3</b>
<b>1 Certificate of Conformity</b> .....	<b>4</b>
<b>2 RF Exposure</b> .....	<b>5</b>
2.1 Limits for Maximum Permissible Exposure (MPE) .....	5
2.2 MPE Calculation Formula .....	5
2.3 Classification .....	5
<b>3 Antenna Gain</b> .....	<b>5</b>
<b>4 Calculation Result of Maximum Conducted Power</b> .....	<b>6</b>



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### Release Control Record

Issue No.	Description	Date Issued
SA150504E01	Original release.	June 11, 2015



# 1 Certificate of Conformity

**Product:** Pepwave / Peplink / Pismo Wireless Product

**Brand:** Pepwave / Peplink / Pismo

**Test Model:** MAX BR1 Slim LTE

**Series Model:** MAX BR1 Slim, MAX BR1, Pismo 930 Mini, Pismo 930, MAX

**Sample Status:** MASS-PRODUCTION

**Applicant:** Pismo Labs Technology Limited

**Test Date:** May 19, 2015

**Standards:** FCC Part 2 (Section 2.1091)

KDB 447498 D03

IEEE C95.1

Note : The EUT inside has one LTE module which FCC ID: N7NMC7355.

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**Prepared by :**  , **Date:** June 11, 2015  
Lori Chung / Specialist

**Approved by :**  , **Date:** June 11, 2015  
May Chen / Manager

## 2 RF Exposure

### 2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

### 2.2 MPE Calculation Formula

$$Pd = (Pout * G) / (4 * \pi * r^2)$$

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

### 2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user.

So, this device is classified as **Mobile Device**.

## 3 Antenna Gain

Set	Brand	Model	Ant. Gain (dBi)	Frequency range (GHz to GHz)	Antenna Type	Connector Type
1	WNC	9E.XCI15.001	5.1	2.4~2.5	Dipole	Reverse SMA

#### 4 Calculation Result of Maximum Conducted Power

Frequency Band (MHz)	Max Power (mW)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
2412-2462	446.684	5.1	20	0.28756	1

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