

RF Exposure Report

Report No.: SA150413D15

FCC ID: PD5-RV132W

Test Model: RV132W

Received Date: Apr. 13, 2015

Test Date: Apr. 27 ~ May 18, 2015

Issued Date: May 22, 2015

Applicant: Delta Networks, Inc.

Address: No. 252, Shang Ying Rd., Kuei San District, Taoyuan City 33341 Taiwan

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

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Release Control Record

Issue No.	Description	Date Issued
SA150413D15	Original release.	May 22, 2015

1 Certificate of Conformity

Product: Wireless-N VPN Router

Brand: CISCO

Test Model: RV132W

Sample Status: Engineering sample

Applicant: Delta Networks, Inc.

Test Date: Apr. 27 ~ May 18, 2015

Standards: FCC Part 2 (Section 2.1091)

KDB 447498 D03

IEEE C95.1

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:

May 22, 2015

Annie Chang / Supervisor

Approved by :



Date:

May 22, 2015

Rex Lai / Assistant Manage

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 ²)	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/cm²

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 25cm away from the body of the user.

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

3 Calculation Result Of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
2412-2462	28.58	6.11	25	0.3749	1

NOTE:

Directional gain = 3.10dBi + 10log(3) = 6.11dBi

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