

**Variant FCC RF Test Report** 

APPLICANT : Meru Networks Inc.

EQUIPMENT : Multi Radio 802.11a/b/g/n Wireless

**LAN Access Point** 

BRAND NAME : Meru Networks Inc.

MODEL NAME : PSM3x

FCC ID : RE7-PSM3X

STANDARD : FCC Part 15 Subpart C §15.247

CLASSIFICATION : Digital Transmission System (DTS)

This is a variant report which is valid only combined with the original report. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2003 and shown the compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:

**Anderson Chiu / Deputy Manager** 





Report No.: FR9D2415-04A

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : 1 of 4
Report Issued Date : Sep. 28, 2010

Report Version : Rev. 01

## **TABLE OF CONTENTS**

REVISION HISTORY3					
		ERAL DESCRIPTION			
	1.1	Applicant	4		
	1.2	Manufacturer	4		
	1.3	Feature of Equipment Under Test	.4		
ΑP	PEND	IX A. PHOTOGRAPHS OF EUT			
ΑP	PEND	IX B. ORIGINAL REPORT			

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : 2 of 4
Report Issued Date : Sep. 28, 2010
Report Version : Rev. 01



**REVISION HISTORY** 

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR9D2415-04A	Rev. 01	This is a variant report by change one of the RF modules for Rx use only. Since the test result is not affected by the changes, all the test data was performed on original report which can be referred to Sporton Report Number FR791302A as appendix B.	Sep. 28, 2010

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : 3 of 4

Report Issued Date : Sep. 28, 2010
Report Version : Rev. 01



## 1 General Description

## 1.1 Applicant

#### Meru Networks Inc.

894 Ross Drive Sunnyvale, CA 94089 USA

### 1.2 Manufacturer

### **Universal Scientific Industrial (Shanghai)**

No. 1558, Zhang Dong Road, Zhangjiang Hi-Tech Park, Shanghai, P.R. China 201203

## 1.3 Feature of Equipment Under Test

Product Feature & Specification					
Equipment	Multi Radio 802.11a/b/g/n Wireless LAN Access Point				
Brand Name	Meru Networks Inc.				
Model Name	PSM3x				
FCC ID	RE7-PSM3X				
Ty/Dy Fraguency Banga	802.11b/g/n : 2400 MHz ~ 2483.5 MHz				
Tx/Rx Frequency Range	802.11a/n: 5725 MHz ~ 5850 MHz				
Channel Spacing	802.11b/g : 5 MHz				
Channel Spacing	802.11a : 20 MHz				
HW Version	BSP2500-MPCI				
SW Version	bandspeed-5				
Type of Medulation	802.11b : DSSS (BPSK / QPSK / CCK)				
Type of Modulation	802.11a/g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)				
EUT Stage	Production Unit				

Antenna Information						
	Model Name	MRU04-220050				
Antenna 1	Antenna Type	Dipole Antenna				
	Antenna Gain	2 dBi for WLAN (2.4G); 3 dBi for WLAN (5G)				
	Model Name	ANT-DB1-RAF-RPS				
Antenna 2	Antenna Type	Dipole Antenna				
	Antenna Gain	4.7 dBi for WLAN (2.4G) ; 4.7 dBi for WLAN (5G)				

#### Remark:

- 1. For other wireless features of this EUT, test report will be issued separately.
- 2. This test report recorded only product characteristics and test results of Digital Transmission System (DTS).
- **3.** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

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TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : 4 of 4
Report Issued Date : Sep. 28, 2010
Report Version : Rev. 01

# Appendix A. Photographs of EUT

Please refer to Sporton report number EP9D2415-04 as below.

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : A1 of A1
Report Issued Date : Sep. 28, 2010
Report Version : Rev. 01

# **Appendix B. Original Report**

Please refer to Sporton report number FR791302A as below.

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: RE7-PSM3X Page Number : B1 of B1
Report Issued Date : Sep. 28, 2010
Report Version : Rev. 01