



# 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



## **SPORTON INTERNATIONAL INC.**

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# 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
Tx/Rx Frequency Range	802.11b/g/n : 2400 MHz ~ 2483.5 MHz 802.11a/n : 5725 MHz ~ 5850 MHz
Channel Spacing	802.11b/g : 5 MHz 802.11a : 20 MHz
HW Version	BSP2500-MPCI
SW Version	bandspeed-5
Type of Modulation	802.11b : DSSS (BPSK / QPSK / CCK) 802.11a/g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
EUT Stage	Production Unit

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

**Remark:**

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



## **Appendix A. Photographs of EUT**

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



## **Appendix B. Original Report**

Please refer to Sporton report number FR791302A as below.