

FCC Test Report

Equipment : UniFi WiFi BaseStationXG
Brand Name : UBIQUITI
Model No. : UWB-XG, UWB-XG-BK
FCC ID : SWX-UAPSTMXG
Contains FCC ID : SWX-M445GL, SWX-M445GH,
SWX-M11DB
Standard : 47 CFR FCC Part 15.247
Operating Band : 2400 MHz – 2483.5 MHz
Function : ☒ Point-to-multipoint; ☐ Point-to-point
Applicant/
Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York,
New York 10017 USA

This report was evaluated for permissive change. We, SPORTON, would like to declare that the evaluation in accordance to KDB 178919 D01 Permissive Change Policy v06 and shown 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:


Allen Lin



Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
PHOTOGRAPHS OF EUT V01		



Summary of Test Result

Conformance Test Specifications				
Report Clause	Ref. Std. Clause	Description	Limit	Result
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied

Revision History

[illegible]

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK (1Mbps) modulation for DSSS.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	-	-	Internal Antenna	I-PEX

Ant.	Gain (dBi)
	Bluetooth
1	2

For Bluetooth function:

For IEEE 802.15.4 Bluetooth mode (1TX/1RX)

Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.

1.1.3 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR661623-22AL

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Modified equipment name and brand name 2.Contains FCC ID (SWX-M11DB)	N/A

————THE END————