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MEASUREMENT REPORT

FCC PART 15 Subpart C Bluetooth-LE

FCC ID:	TE7AX6000				
APPLICANT:	TP-Link Technologies Co., Ltd.				
Application Type:	Certification				
Product:	AX6000 MU-MIMO Wi-Fi Router				
Model No.:	Archer AX6000				
Brand Name:	tp-link				
FCC Classification:	Digital Transmission System (DTS)				
FCC Rule Part(s):	Part15 Subpart C (Section 15.247)				
Test Procedure(s):	ANSI C63.10-2013				
Test Date:	August 06 ~ September 25, 2018				

Jame Yuan (Jame Yuan) Robin Wu **Reviewed By:** Approved By: TESTING LABORATORY CERTIFICATE #3628.01 (Robin Wu)

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.



Revision History

Report No.	Version	Description	Issue Date	Note
1808RSU004-U3	Rev. 01	Initial report	10-16-2018	Valid

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Applicant:	TP-Link Technologies Co., Ltd.						
Applicant Address:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and						
	Technology Park, Shennan Rd, Nanshan, Shenzhen, China						
Manufacturer:	TP-Link Technologies Co., Ltd.						
Manufacturer Address:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and						
	Technology Park, Shennan Rd, Nanshan, Shenzhen, China						
Test Site:	MRT Technology (Suzhou) Co., Ltd						
Test Site Address:	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic						
	Development Zone, Suzhou, China						
MRT FCC Registration No.:	893164						
Test Device Serial No.:	N/A Production Pre-Production Engineering						

§2.1033 General Information

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Tian'edang Rd., Suzhou, China.

- MRT facility is a FCC registered (MRT Reg. No. 893164) test facility with the site description report on file and has met all the requirements specified in ANSI C63.4-2014.
- MRT facility is an IC registered (MRT Reg. No. 11384A-1) test laboratory with the site description on file at Industry Canada.
- MRT facility is a VCCI registered (R-20025, G-20034, C-20020, T-20020) test laboratory with the site description on file at VCCI Council.
- MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA) under the American Association for Laboratory Accreditation Program (A2LA Cert. No. 3628.01) in EMC, Telecommunications, Radio and SAR testing.





1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taihu Lake. These measurement tests were conducted at the MRT Technology (Suzhou) Co., Ltd. Facility located at D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China. The measurement facility compliant with the test site requirements specified in ANSI C63.4-2014.





2. PRODUCT INFORMATION

2.1. Feature of Equipment under Test

Product Name:	AX6000 MU-MIMO Wi-Fi Router			
Model No.:	Archer AX6000			
Brand Name:	tp-link			
Wi-Fi Specification:	802.11a/b/g/n/ac/ax			
Bluetooth Specification:	v4.1 Dual mode			
Accessories				
Adapter:	MODEL: S050FU1200400			
	INPUT: 100 - 240V ~ 50/60Hz 1.5A Max.			
	OUTPUT: DC 12.0V 4000mA			

2.2. Product Specification Subjective to this Report

Bluetooth Frequency	2402~2480MHz
Type of modulation	GFSK
Data Rate	1Mbps

Note: For other features of this EUT, test report will be issued separately.



2.3. Working Frequencies for this Report

Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz
03	2408 MHz	04	2410 MHz	05	2412 MHz
06	2414 MHz	07	2416 MHz	08	2418 MHz
09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz
15	2432 MHz	16	2434 MHz	17	2436 MHz
18	2438 MHz	19	2440 MHz	20	2442 MHz
21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz
27	2456 MHz	28	2458 MHz	29	2460 MHz
30	2462 MHz	31	2464 MHz	32	2466 MHz
33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz
39	2480 MHz				



2.4. Description of Available Antennas

Antenna Type	Frequency	ТΧ	Max Antenna	BF Directional	CDD Directional Gain (dBi)		
	Band (MHz)	Paths	Gain (dBi)	Gain (dBi)	For Power	For PSD	
Wi-Fi External Antenna							
Dipolo Antonno	2412 ~ 2462	4	1.16	7.18	1.16	7.18	
Dipole Antenna	5150 ~ 5850	4	2.28	8.30	2.28	8.30	
Bluetooth Internal Antenna							
PCB Antenna	2402 ~ 2480	1	4.05				

Note:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

For CDD transmissions, directional gain is calculated as follows, $N_{ANT} = 4$, $N_{SS} = 1$.

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices, Array Gain = 10 log (N_{ANT}/ N_{SS}) dB = 6.02;
- For power measurements on IEEE 802.11 devices, Array Gain = 0 dB for N_{ANT} ≤ 4;
- 2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11ac/ax, not include 802.11a/b/g/n. BF Directional gain = G_{ANT} + 10 log (N_{ANT}).

2.5. Test Mode

 Test Mode
 Mode 1: Transmit by BLE



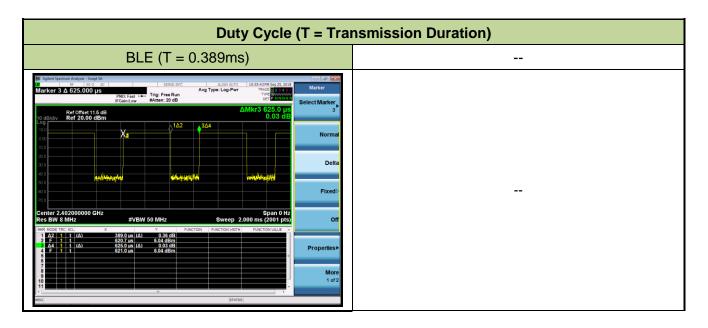
2.6. Device Capabilities

This device contains the following capabilities:

2.4GHz WLAN (DTS), 5GHz WLAN (UNII), Bluetooth v4.1 (Dual mode)

Note: The maximum achievable duty cycles was determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Test Mode	Duty Cycle	
BLE	62.24%	



2.7. Test Configuration

The **AX6000 MU-MIMO Wi-Fi Router** was tested per the guidance of ANSI C63.10-2013. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.



2.8. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.9. Description of Test Software

The test utility software used during testing was "QRCT", and the version was 3.0.268.0.

2.10. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.



3. DESCRIPTION OF TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance was used in the measurement of the **AX6000 MU-MIMO Wi-Fi Router.**

Deviation from measurement procedure.....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, $50\Omega/50$ uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or data exchange speed, or support equipment whichever determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions were used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2013.



3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the Antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. A MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable. For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive Antenna height using a broadband Antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn Antennas were used. For frequencies below 30MHz, a calibrated loop Antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband Antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-40GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive Antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn Antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive Antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive Antenna, whichever produced the worst-case emissions. According to 3dB Beam-Width of horn Antenna, the horn Antenna should be always directed to the EUT when rising height.



4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

- The antenna of the **AX6000 MU-MIMO Wi-Fi Router** is **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.



5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions - SR2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2019/04/20
Two-Line V-Network	R&S	ENV 216	MRTSUE06002	1 year	2019/06/15
Two-Line V-Network	R&S	ENV 216	MRTSUE06003	1 year	2019/06/15
	- .	000 114		1 year	2018/08/15
Thermohygrometer	Testo	608-H1	MRTSUE06404	1 year	2019/08/15
Shielding Anechoic Chamber	Mikebang	Chamber-SR2	MRTSUE06214	N/A	N/A

Radiated Emissions - AC2

Instrument	Manufacturer	Туре No.	Asset No.	Cali. Interval	Cali. Due Date
	0 silest	N0000A		1 year	2018/08/14
MXE EMI Receiver	Agilent	N9038A	MRTSUE06125	1 year	2019/08/14
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06452	1 year	2019/07/20
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2018/11/20
Bilog Period Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2018/10/21
Broad Band Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2018/11/18
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06024	1 year	2018/12/14
Broadband Coaxial	Agilant			1	2010/11/17
Preamplifier	Agilent	BBV 9718	MRTSUE06176	1 year	2018/11/17
Preamplifier	Schwarzbeck	BBV 9721	MRTSUE06121	1 year	2019/06/13
Digitial Thermometer &	Minacon	ETUGOO		4	0040/40/40
Hygrometer	MingGao	ETH529	MRTSUE06170	1 year	2018/12/12
Anechoic Chamber	RIKEN	Chamber-AC2	MRTSUE06213	1 year	2019/05/02



Conducted Test Equipment - TR3

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9020A	MRTSUE06106	1 year	2019/04/20
USB wideband power sensor	KEYSIGHT	U2021XA	MRTSUE0644	1 year	2019/07/20
Attenuator	MVE	MVE2211-10	MRTSUE06800	1 year	2019/07/10
Temperature & Humidity Chamber	ΒΑΟΥΤ	BYH-150CL	MRTSUE06051	1 year	2018/12/06
The sum a bulgare meter	teete	CO0 114		1 year	2018/08/15
Thermohygrometer	testo	608-H1	MRTSUE06401	1 year	2019/08/15

Software	Version	Function
EMI Software	V3	EMI Test Software



6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement - SR2
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
150kHz~30MHz: 3.46dB
Radiated Emission Measurement - AC2
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
9kHz ~ 1GHz: 4.18dB
1GHz ~ 25GHz: 4.76dB
Spurious Emissions, Conducted - TR3
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
0.78dB
Output Power - TR3
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
1.13dB
Power Spectrum Density - TR3
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
1.15dB
Occupied Bandwidth - TR3
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
0.28%



7. TEST RESULT

7.1. Summary

Product Name:	AX6000 MU-MIMO Wi-Fi Router
FCC ID:	TE7AX6000

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference	
15.247(a)(2)	6dB Bandwidth	≥ 500kHz		Pass	Section 7.2	
15.247(b)(3)	Output Power	≤ 1Watt		Pass	Section 7.3	
15.247(e)	Power Spectral Density	≤ 8dBm / 3kHz	Conducted	Conducted	Pass	Section 7.4
15.247(d)	Band Edge / Out-of-Band Emissions	≥ 20dBc(Peak)				Pass
15.205 15.209	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209	Radiated	Pass	Section 7.6&7.7	
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.8	

Notes:

- 1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- All modes of operation and data rates were investigated. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst case emissions.



7.2. 6dB Bandwidth Measurement

7.2.1.Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

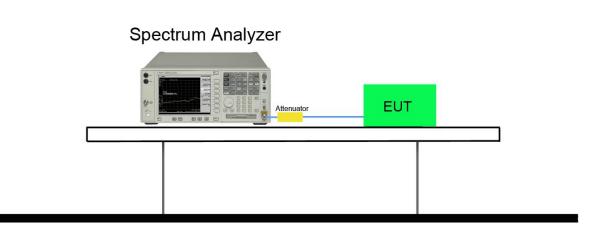
7.2.2.Test Procedure used

ANSI C63.10-2013 Section 11.8

7.2.3.Test Setting

- The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
- 2. Set RBW = 100 kHz
- 3. VBW \geq 3 × RBW
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep = auto couple
- 7. Allow the trace was allowed to stabilize

7.2.4.Test Setup

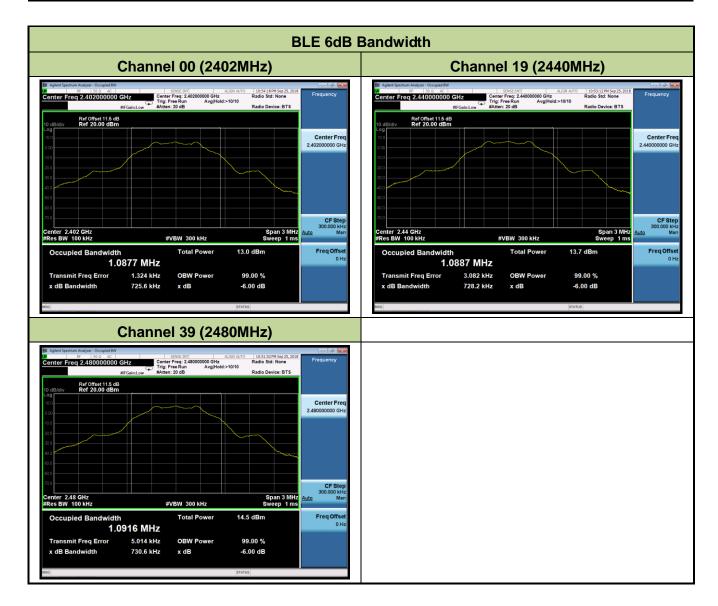




7.2.5.Test Result

Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C
Test Engineer	Snake Ni	Relative Humidity	56%
Test Site	TR3	Test Date	2018/09/25

Test Mode	Data Rate	Channel No.	Frequency	6dB Bandwidth	Limit	Result
	(Mbps)		(MHz)	(MHz)	(MHz)	
BLE	1	00	2402	0.726	≥ 0.5	Pass
BLE	1	19	2440	0.728	≥ 0.5	Pass
BLE	1	39	2480	0.731	≥ 0.5	Pass





7.3. Output Power Measurement

7.3.1.Test Limit

The maximum out power shall be less 1 Watt (30dBm).

7.3.2.Test Procedure Used

ANSI C63.10 Section 11.9.1.3

ANSI C63.10 Section 11.9.2.3

7.3.3.Test Setting

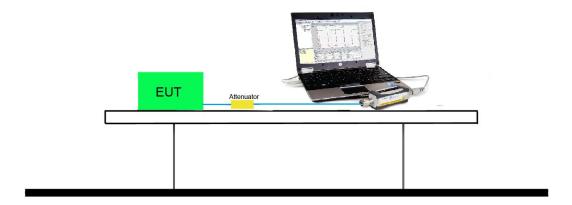
Method PKPM1 (Peak Power Measurement)

Peak power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The pulse sensor employs a VBW = 50MHz so this method was only used for signals whose DTS bandwidth was less than or equal to 50MHz.

Method AVGPM-G (Measurement using a gated RF average-reading power meter)

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since this measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

7.3.4.Test Setup





7.3.5.Test Result of Output Power

Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C
Test Engineer	Snake Ni	Relative Humidity	56%
Test Site	TR3	Test Date	2018/09/25

Test Result of Peak Output Power

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
	(iviops)		(1011 12)	(GDIII)	(abiii)	
BLE	1	00	2402	5.16	≤ 30.00	Pass
BLE	1	19	2440	7.15	≤ 30.00	Pass
BLE	1	39	2480	7.88	≤ 30.00	Pass

Test Result of Average Output Power (Reporting Only)

Test Mode	Data Rate	Channel No.	Frequency	Average	Limit	Result
	(Mbps)		(MHz)	Power (dBm)	(dBm)	
BLE	1	00	2402	5.03	≤ 30.00	Pass
BLE	1	19	2440	6.95	≤ 30.00	Pass
BLE	1	39	2480	7.70	≤ 30.00	Pass



7.4. Power Spectral Density Measurement

7.4.1.Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band.

7.4.2.Test Procedure Used

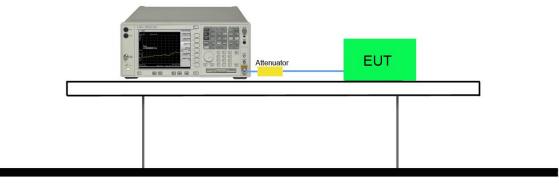
ANSI C63.10 Section 11.10.6

7.4.3.Test Setting

- 1. Analyzer was set to the center frequency of the DTS channel under investigation
- 2. Span = 1.5 times the DTS channel bandwidth
- 3. RBW = 3kHz
- 4. VBW = 10kHz
- 5. Detector = peak
- 6. Sweep time = auto couple
- 7. Trace mode = max hold
- 8. Trace was allowed to stabilize

7.4.4.Test Setup

Spectrum Analyzer

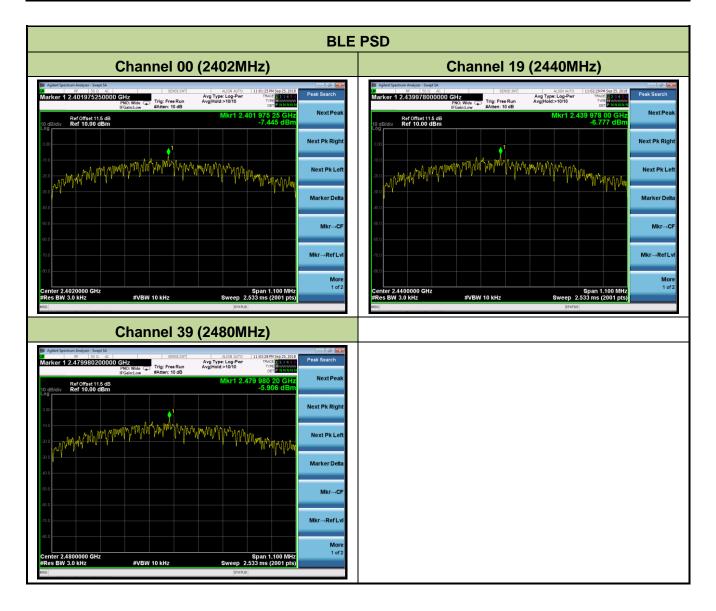




7.4.5.Test Result

Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C
Test Engineer	Snake Ni	Relative Humidity	56%
Test Site	TR3	Test Date	2018/09/25

Test Mode	Data Rate	Channel No.	Frequency	PSD Result	Limit	Result
	(Mbps)		(MHz)	(dBm / 3kHz)	(dBm / 3kHz)	
BLE	1	00	2402	-7.45	≤ 8.00	Pass
BLE	1	19	2440	-6.78	≤ 8.00	Pass
BLE	1	39	2480	-5.91	≤ 8.00	Pass





7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1.Test Limit

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental

emission level, as determined from the in-band power measurement of the DTS channel performed

in a 100KHz bandwidth per the PSD procedure.

7.5.2.Test Procedure Used

ANSI C63.10 Section 11.11

7.5.3.Test Settitng

Reference level measurement

- 1. Set instrument center frequency to DTS channel center frequency
- 2. Set the span to \geq 1.5 times the DTS bandwidth
- 3. Set the RBW = 100 kHz
- 4. Set the VBW \geq 3 x RBW
- 5. Detector = peak
- 6. Sweep time = auto couple
- 7. Trace mode = max hold
- 8. Allow trace to fully stabilize

Emission level measurement

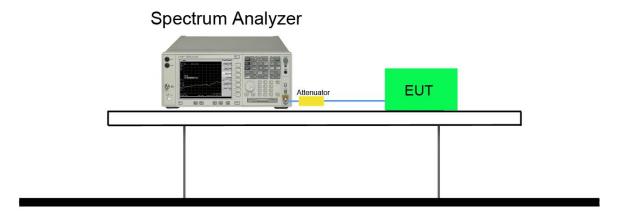
- 1. Set the center frequency and span to encompass frequency range to be measured
- 2. RBW = 1.3MHz
- 3. VBW = 4MHz
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep time = auto couple
- 7. The trace was allowed to stabilize



Test Notes

- 1. RBW was set to 1.3MHz rather than 100 kHz in order to increase the measurement speed.
- 2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100 kHz bandwidth. However, since the traces in the following plots are measured with a 1.3MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1.3MHz bandwidth.
- 3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.

7.5.4.Test Setup

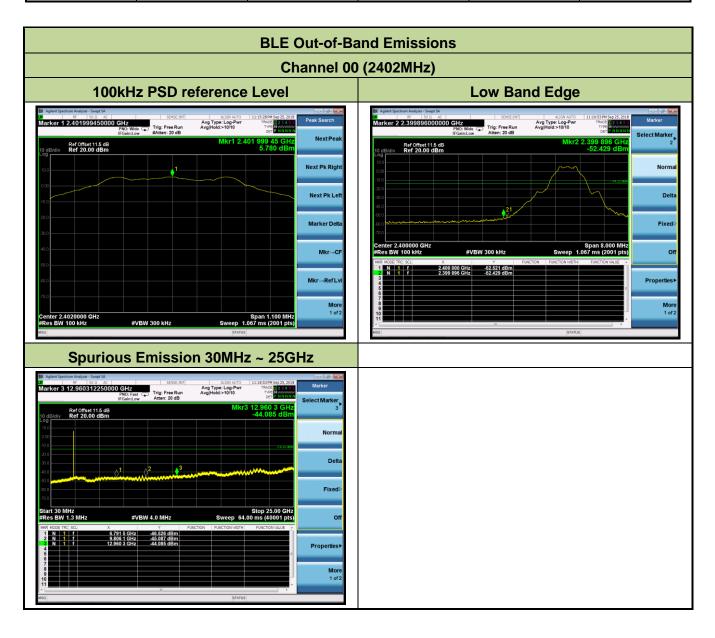




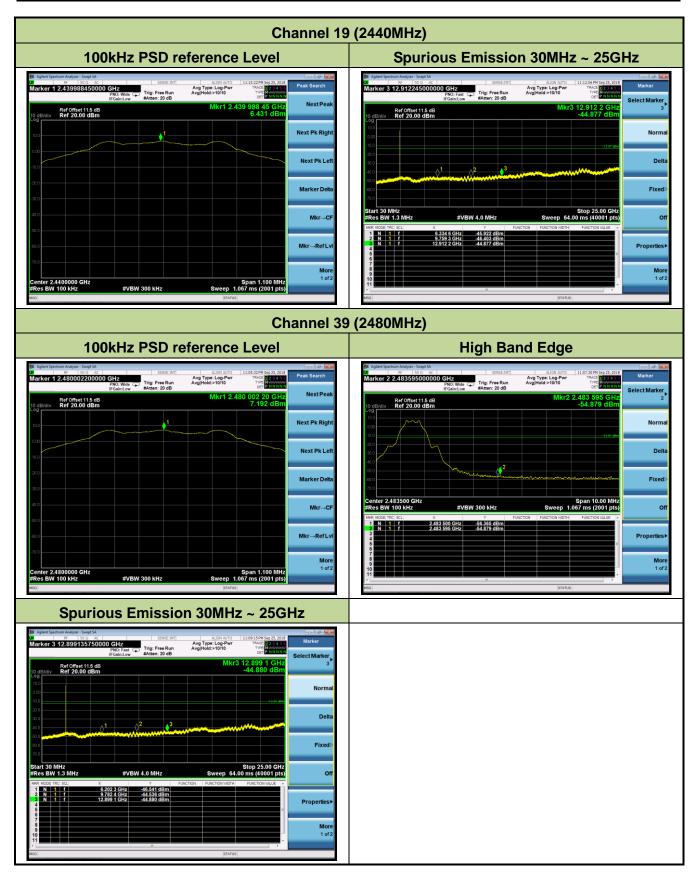
7.5.5.Test Result

Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C
Test Engineer	Snake Ni	Relative Humidity	56%
Test Site	SR2	Test Date	2018/09/25

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Limit	Result
BLE	1	00	2402	20dBc	Pass
BLE	1	19	2440	20dBc	Pass
BLE	1	39	2480	20dBc	Pass









7.6. Radiated Spurious Emission Measurement

7.6.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209						
Frequency	Field Strength	Measured Distance				
[MHz]	[uV/m]	[Meters]				
0.009 - 0.490	2400/F (kHz)	300				
0.490 - 1.705	24000/F (kHz)	30				
1.705 - 30	30	30				
30 - 88	100	3				
88 - 216	150	3				
216 - 960	200	3				
Above 960	500	3				

7.6.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.6.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW		
9 ~ 150 kHz	200 ~ 300 Hz		
0.15 ~ 30 MHz	9 ~ 10 kHz		
30 ~ 1000 MHz	100 ~ 120 kHz		
> 1000 MHz	1 MHz		



Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as specified in Table 1
- 4. Detector = CISPR quasi-peak or average
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

Peak Measurements above 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

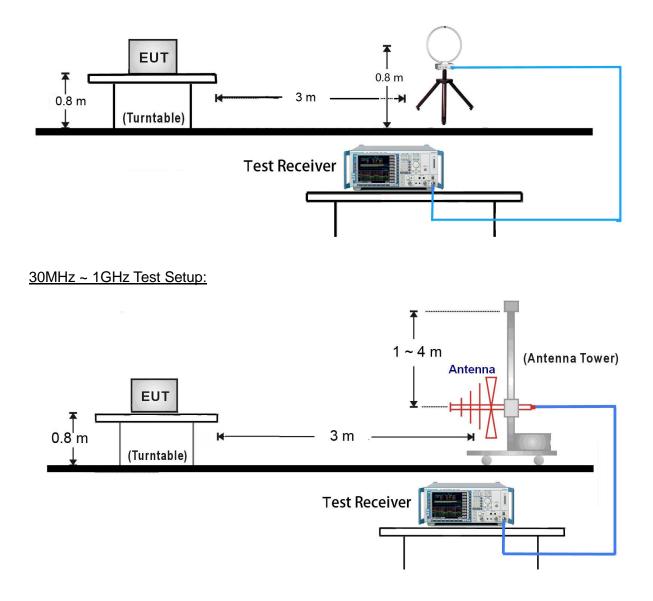
Average Measurements above 1GHz (Method VB)

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW; If the EUT is configured to transmit with duty cycle \ge 98%, set VBW = 10 Hz.
- If the EUT duty cycle is < 98%, set VBW \geq 1/T. T is the minimum transmission duration.
- 4. Detector = Peak
- 5. Sweep time = auto
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize



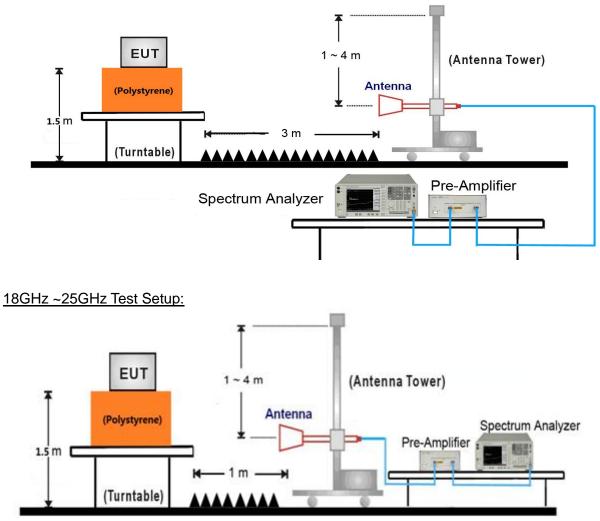
7.6.4.Test Setup

9kHz ~ 30MHz Test Setup:





1GHz ~ 18GHz Test Setup:





7.6.5.Test Result

Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C				
Test Engineer	Dandy Li	Relative Humidity	54%				
Test Site	AC2	Test Date	2018/08/15				
Test Mode:	BLE	Test Channel:	00				
Remark:	 Average measurement was no limit. 	1. Average measurement was not performed if peak level lower than average					
	 Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6950.0	33.9	12.1	46.0	82.8	-36.8	Peak	Horizontal
*	7910.5	32.2	14.6	46.8	82.8	-36.0	Peak	Horizontal
	8276.0	33.0	14.0	47.0	74.0	-27.0	Peak	Horizontal
	9134.5	32.3	15.5	47.8	74.0	-26.2	Peak	Horizontal
*	7128.5	34.8	13.6	48.4	82.8	-34.4	Peak	Vertical
*	7825.5	33.8	14.4	48.2	82.8	-34.6	Peak	Vertical
	8259.0	33.3	14.1	47.4	74.0	-26.6	Peak	Vertical
	9058.0	33.0	15.1	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (102.8dBµV/m) or 15.209 which is higher.

Note 2: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C			
Test Engineer	Dandy Li	Relative Humidity	54%			
Test Site	AC2	Test Date	2018/08/15			
Test Mode:	BLE	Test Channel:	19			
Remark:	1. Average measurement was not performed if peak level lower than average					
	limit. So the margin was calcul	ated using the avera	age limit for emissions fall			
	within the restricted bands.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show					
	in the report.					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	7162.5	33.4	13.7	47.1	83.4	-36.3	Peak	Horizontal
*	7876.5	32.9	14.6	47.5	83.4	-35.9	Peak	Horizontal
	8216.5	33.8	14.1	47.9	74.0	-26.1	Peak	Horizontal
	9092.0	33.6	15.1	48.7	74.0	-25.3	Peak	Horizontal
*	7111.5	33.4	13.6	47.0	83.4	-36.4	Peak	Vertical
*	7902.0	33.7	14.6	48.3	83.4	-35.1	Peak	Vertical
	8250.5	33.6	14.1	47.7	74.0	-26.3	Peak	Vertical
	9049.5	32.9	15.0	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (103.4dBµV/m) or 15.209 which is higher.

Note 2: Measure Level $(dB\mu V/m) = Reading Level (dB\mu V) + Factor (dB)$

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	25°C				
Test Engineer	Dandy Li	Relative Humidity	54%				
Test Site	AC2	Test Date	2018/08/15				
Test Mode:	BLE	Test Channel:	39				
Remark:	1. Average measurement was not performed if peak level lower than average						
	limit. So the margin was calcul	ated using the avera	age limit for emissions fall				
	within the restricted bands.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6652.5	34.7	10.8	45.5	82.9	-37.4	Peak	Horizontal
*	7808.5	33.4	14.4	47.8	82.9	-35.1	Peak	Horizontal
	9109.0	33.5	15.1	48.6	74.0	-25.4	Peak	Horizontal
	9338.5	31.9	16.0	47.9	74.0	-26.1	Peak	Horizontal
*	7094.5	32.8	13.4	46.2	82.9	-36.7	Peak	Vertical
*	7876.5	32.9	14.6	47.5	82.9	-35.4	Peak	Vertical
	8165.5	32.8	14.4	47.2	74.0	-26.8	Peak	Vertical
	9058.0	32.9	15.1	48.0	74.0	-26.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (102.9dBµV/m) or 15.209 which is higher.

Note 2: Measure Level $(dB\mu V/m) = Reading Level (dB\mu V) + Factor (dB)$

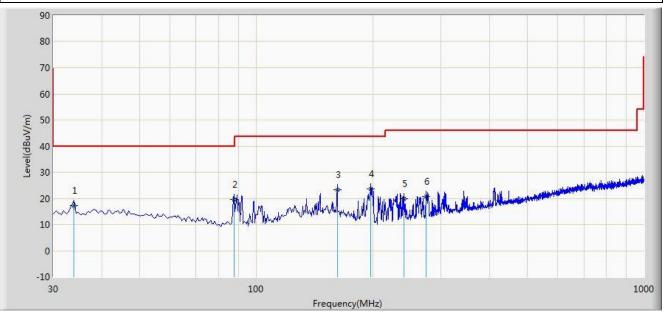
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



The Worst Case of Radiated Emission below 1GHz:

Site: AC2	Time: 2018/09/27 - 15:06				
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv				
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal				
EUT: AX6000 MU-MIMO Wi-Fi Router	Power: AC 120V/60Hz				

Test Mode: There is the worst case within frequency range 30MHz~1GHz.



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			33.880	17.255	3.364	-22.745	40.000	13.892	QP
2			87.715	19.495	9.228	-20.505	40.000	10.267	QP
3			161.920	23.340	8.210	-20.160	43.500	15.130	QP
4		*	197.810	23.559	12.248	-19.941	43.500	11.311	QP
5			240.490	19.958	7.082	-26.042	46.000	12.876	QP
6			274.440	20.631	6.895	-25.369	46.000	13.736	QP

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

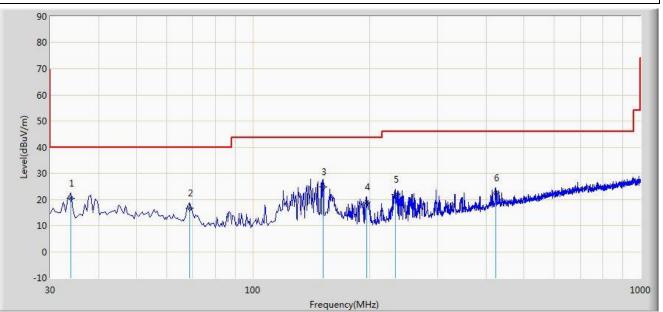
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.



Site: AC2	Time: 2018/09/27 - 15:07
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: AX6000 MU-MIMO Wi-Fi Router	Power: AC 120V/60Hz

Test Mode: There is the worst case within frequency range 30MHz~1GHz.



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			33.880	20.411	6.520	-19.589	40.000	13.892	QP
2			68.800	16.702	4.890	-23.298	40.000	11.812	QP
3		*	151.735	24.773	9.486	-18.727	43.500	15.287	QP
4			196.355	19.106	7.714	-24.394	43.500	11.392	QP
5			233.215	21.877	9.190	-24.123	46.000	12.687	QP
6			422.850	22.412	5.190	-23.588	46.000	17.222	QP

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.



7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41			



All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209									
Frequency	Field Strength	Measured Distance							
[MHz]	[uV/m]	[Meters]							
0.009 - 0.490	2400/F (kHz)	300							
0.490 - 1.705	24000/F (kHz)	30							
1.705 - 30	30	30							
30 - 88	100	3							
88 - 216	150	3							
216 - 960	200	3							
Above 960	500	3							

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3.Test Setting

Peak Field Strength Measurements

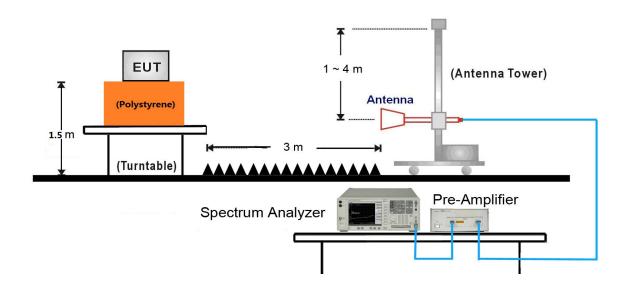
- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize



Average Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW; If the EUT is configured to transmit with duty cycle \ge 98%, set VBW = 10 Hz.
- If the EUT duty cycle is < 98%, set VBW \geq 1/T. T is the minimum transmission duration.
- 4. Detector = Peak
- 5. Sweep time = auto
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

7.7.4.Test Setup



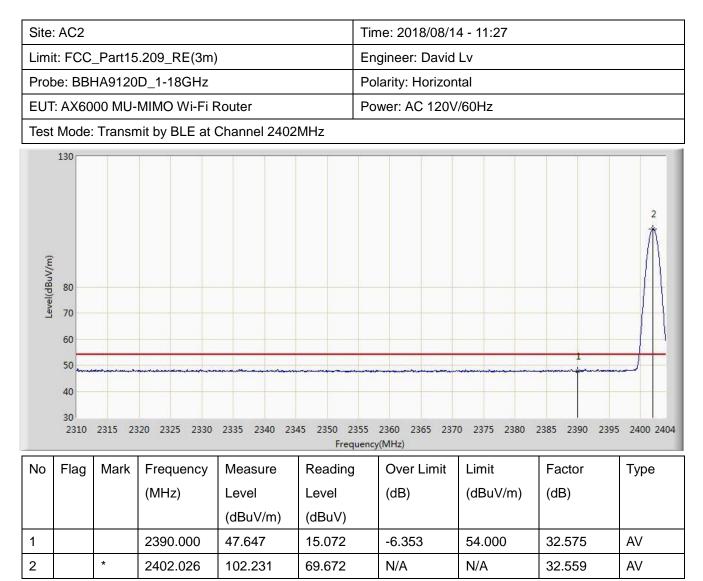


7.7.5.Test Result

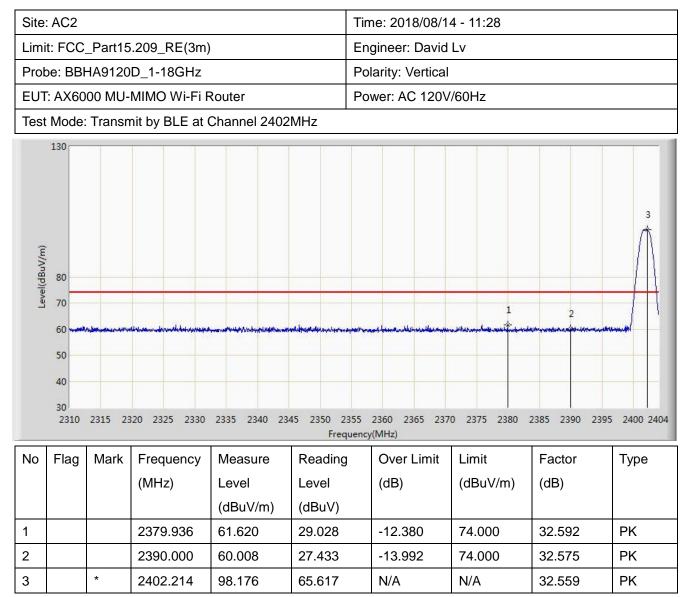
Site	Site: AC2					Time: 2018/08/	14 - 11:21		
Limi	Limit: FCC_Part15.209_RE(3m)					Engineer: David	d Lv		
Prot	be: BBH	HA9120	D_1-18GHz			Polarity: Horizo	ntal		
EUT	: AX60	00 MU-	MIMO Wi-Fi F	Router		Power: AC 120	V/60Hz		
Test	Mode:	Transn	nit by BLE at (Channel 2402	MHz				
Level(dBuV/m)	130 130 10 10 10 10 10 10 10 10 10 1								
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			2349.433	61.965	29.313	-12.035	74.000	32.652	PK
2			2390.000	59.731	27.156	-14.269	74.000	32.575	PK
3		*	2402.214	102.830	70.271	N/A	N/A	32.559	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

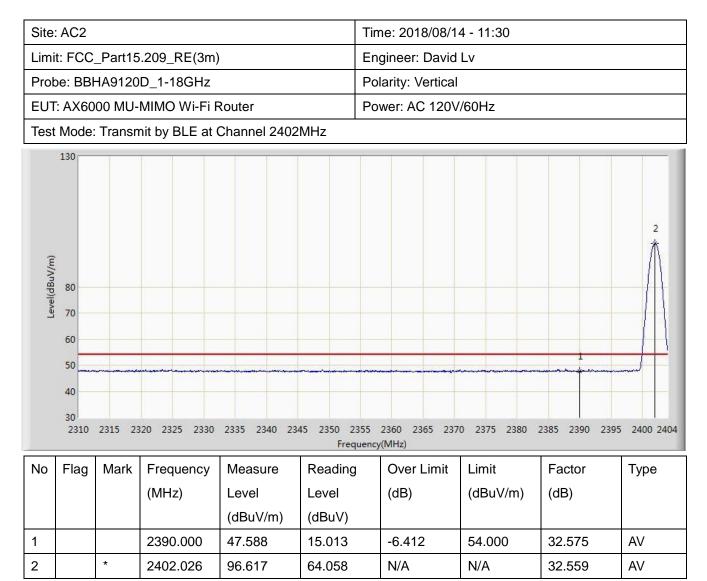














Site:	Site: AC2					Time: 2018/08/14 - 11:30			
Limit	Limit: FCC_Part15.209_RE(3m)					ngineer: David	Lv		
Prob	e: BBH	HA9120	D_1-18GHz		Po	plarity: Horizor	ital		
EUT	: AX60	00 MU-	MIMO Wi-Fi F	Router	Po	ower: AC 120V	//60Hz		
Test	Mode:	Transm	nit by BLE at (Channel 2480	MHz				
Level(dBuV/m)				2 3	Frequenc				
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	2479.837	102.932	70.345	N/A	N/A	32.587	PK
2			2483.500	60.089	27.493	-13.911	74.000	32.596	PK
3			2485.337	61.606	29.006	-12.394	74.000	32.600	PK



Site: AC2				Time: 2018/08	/14 - 11:32		
Limit: FCC_Part15.2	Limit: FCC_Part15.209_RE(3m)						
Probe: BBHA9120D	0_1-18GHz			Polarity: Horizo	ontal		
EUT: AX6000 MU-M	/IMO Wi-Fi F	Router		Power: AC 120	0V/60Hz		
Test Mode: Transmi	it by BLE at	Channel 248	0MHz				
130 (W) 90 80 70 60 50 40 30 2478 2479 2480			Frequ	2489 2490 2491 2 ency(MHz)			
No Flag Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
	(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	

				(dBuV/m)	(dBuV)				
1		*	2480.112	102.142	69.555	N/A	N/A	32.587	AV
2	2		2483.500	48.530	15.934	-5.470	54.000	32.596	AV



Site:	AC2				Tir	Time: 2018/08/14 - 11:33			
Limit:	Limit: FCC_Part15.209_RE(3m)					gineer: David	Lv		
Probe	e: BB⊦	IA9120	D_1-18GHz		Po	larity: Vertical			
EUT:	AX60	00 MU-	MIMO Wi-Fi F	Router	Po	wer: AC 120V	/60Hz		
Test I	Mode:	Transm	nit by BLE at (Channel 2480	MHz				
Level(dBuV/m)	80 70 60 50 40 30 2478 2			2 3	Frequenc				3 2499 2500
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	2479.771	100.673	68.087	N/A	N/A	32.587	PK
2			2483.500	59.803	27.207	-14.197	74.000	32.596	PK
3			2484.710	61.557	28.958	-12.443	74.000	32.599	PK



	Site: AC2					Time: 2018/08/14 - 11:35			
Limi	t: FCC	_Part15	.209_RE(3m))		Engineer: David Lv			
Prob	be: BBł	HA9120	D_1-18GHz			Polarity: Vertic	al		
EUT	: AX60	00 MU-	MIMO Wi-Fi I	Router		Power: AC 120	0V/60Hz		
Test	Test Mode: Transmit by BLE at Channel 2480MHz								
Level(dBuV/m)	Test Mode: Transmit by BLE at Channel 2480MHz						2498 2499 2500		
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBu\//m)	(dBuV)				

			(dBuV/m)	(dBuV)				
1	*	2480.079	99.965	67.378	N/A	N/A	32.587	AV
2		2483.500	48.172	15.576	-5.828	54.000	32.596	AV



7.8. AC Conducted Emissions Measurement

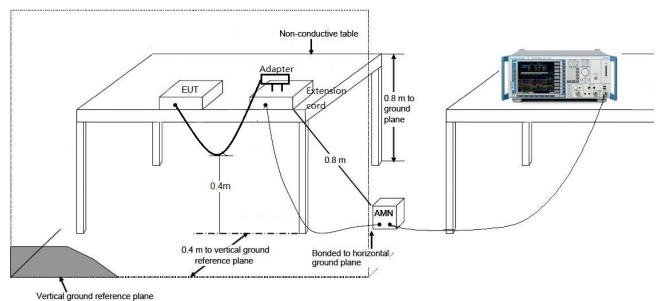
7.8.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits								
Frequency (MHz)	QP (dBuV)	AV (dBuV)						
0.15 - 0.50	66 - 56	56 - 46						
0.50 - 5.0	56	46						
5.0 - 30	60	50						

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2.Test Setup





7.8.3.Test Result

Probe: ENV216_101683_Filter On Polarity: Line										
Probe: ENV216_101683_Filter On Polarity: Line	con Dong									
		Engineer: Bacon Dong								
	Power: AC 120V/60Hz									
Test Mode 1										
80 70 60 50 40 30 20 10 0 -10										
-20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	di di bi al I	10	30							
No Flag Mark Frequency Measure Reading Over Limit	Limit	Factor	Туре							
(MHz) Level (dB)	(dBuV)	(dB)								
(dBuV) (dBuV)										
1 0.158 46.307 35.996 -19.261	65.568	10.311	QP							
2 0.158 25.705 15.394 -29.863	55.568	10.311	AV							
3 0.434 45.090 34.977 -12.086	57.176	10.113	QP							
4 * 0.434 41.855 31.742 -5.321	47.176	10.113	AV							
5 2.006 40.897 31.026 -15.103	56.000	9.871	QP							
6 2.006 27.741 17.869 -18.259	46.000	9.871	AV							
7 2.242 43.905 34.040 -12.095	56.000	9.864	QP							
8 2.242 35.714 25.849 -10.286	46.000	9.864	AV							
9 2.406 42.597 32.737 -13.403	56.000	9.860	QP							
10 2.406 30.022 20.162 -15.978	46.000	9.860	AV							
11 7.818 37.303 27.126 -22.697	60.000	10.176	QP							
12 7.818 27.607 17.431 -22.393	50.000	10.176	AV							

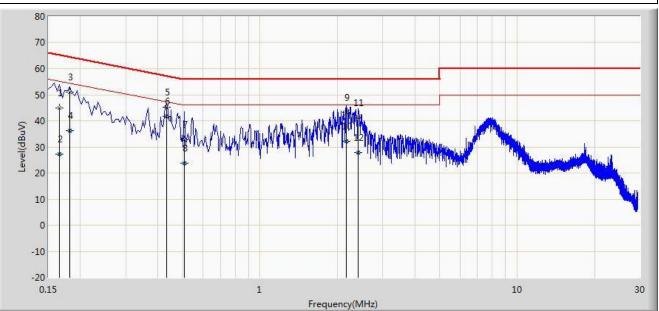
Note: Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)



Site: SR2	Time: 2018/08/15 - 03:18
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AX6000 MU-MIMO Wi-Fi Router	Power: AC 120V/60Hz

Test Mode 1



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV)	(dB)	
				(dBuV)	(dBuV)				
1			0.166	44.874	34.802	-20.285	65.158	10.071	QP
2			0.166	27.177	17.105	-27.982	55.158	10.071	AV
3			0.182	51.103	41.061	-13.291	64.394	10.042	QP
4			0.182	36.267	26.224	-18.127	54.394	10.042	AV
5			0.434	45.138	35.000	-12.038	57.176	10.138	QP
6		*	0.434	41.758	31.620	-5.418	47.176	10.138	AV
7			0.506	32.882	22.705	-23.118	56.000	10.177	QP
8			0.506	23.649	13.472	-22.351	46.000	10.177	AV
9			2.170	43.050	33.181	-12.950	56.000	9.869	QP
10			2.170	32.275	22.406	-13.725	46.000	9.869	AV
11			2.402	41.254	31.390	-14.746	56.000	9.864	QP
12			2.402	27.687	17.823	-18.313	46.000	9.864	AV

Note: Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)



8. CONCLUSION

The data collected relate only the item(s) tested and show that the AX6000 MU-MIMO Wi-Fi Router

is in compliance with Part 15C of the FCC rules.

The End



Appendix A - Test Setup Photograph

Refer to "1808RSU004-UT" file.



Appendix B - EUT Photograph

Refer to "1808RSU004-UE" file.