

# **RF Test Report**

#### For

Applicant Name: TECNO MOBILE LIMITED

Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25

SHAN MEI STREET FOTAN NT HONGKONG

EUT Name: Laptop Computer

Brand Name: TECNO Model Number: T15DA

Series Model Number: Refer to Section 2

## **Issued By**

Company Name: BTF Testing Lab (Shenzhen) Co., Ltd.

Address: F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou

Community, Songgang Street, Bao'an District, Shenzhen, China

Report Number: BTF230612R00604 Test Standards: 47 CFR Part 15E

Test Conclusion: Pass

FCC ID: 2ADYY-T15DA

Test Date: 2023-05-09 to 2023-06-01

Date of Issue: 2023-06-15

Prepared By:

Chris Liu / Project Enginee

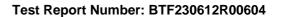
Date: 2023-06-1

Approved By:

Ryan.CJ / EMC Manager

Date: 2023-06-15

Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.



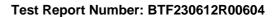


Revision History			
Version	Issue Date	Revisions Content	
R_V0	2023-06-15	Original	
Note: Once the revision has been made, then previous versions reports are invalid			



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#### 1 Introduction

#### 1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

#### 1.2 Identification of the Responsible Testing Location

Company Name:		BTF Testing Lab (Shenzhen) Co., Ltd.
	Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
	Phone Number:	+86-0755-23146130
	Fax Number:	+86-0755-23146130
	FCC Registration Number:	518915
	Designation Number:	CN1330

#### 1.3 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.



#### 2 Product Information

### 2.1 Application Information

Company Name:	TECNO MOBILE LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

### 2.2 Manufacturer Information

Company Name:	TECNO MOBILE LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

### 2.3 Factory Information

Company Name:	GUANGXI SHANCHAUN TECHNOLOGY CO LTD	
	2nd floor of building1 in zone 3, building2 in zone 3, 1st floor of building 2 in zone	
Address:	4, Guangxi 3nod Smart Industrial Park, No. 3 Gaoke Road, Haicheng District,	
	Beihai City, Guangxi Zhuang Autonomous Region	

#### 2.4 General Description of Equipment under Test (EUT)

EUT Name:	Laptop Computer
Test Model Number:	T15DA
Series Model Number:	N/A

#### 2.5 Technical Information

Power Supply:	Model: 165 Rated Voltage: 11.55V Rated Capacity: 6060mAh/70Wh Limited Capacity: 6160mAh/71.14Wh Limited Charge Voltage: 13.2V
Operation Frequency:	Adapter1: DS65-1 Input: 100-240V-50/60Hz 1.5A Max Output: 5.0V==3.0A 9.0V==3.0A 12.0V==3.0A 15.0V==3.0A 20.0V==3.25A 65.0W Adapter2: DS65-3 I Input: 100-240V-50/60Hz 1.5A Max Output: 5.0V==3.0A 9.0V==3.0A 12.0V==3.0A 15.0V==3.0A 20.0V==3.25A 65.0W Adapter3: TCW-E61S-65W Input: 100-240V-50/60Hz 1.5A Max Output: DP: 5.0V==3.0A 15.0W 9.0V==3.0A 27.0W 12.0V==3.0A 36.0W 15.0V==3.0A 45.0W 20.0V==3.25A 65.0W PPS: 3.3-11.0V==5.0A 55.0W Max Adapter4: TCW-U61S-65W Input: 100-240V-50/60Hz 1.5A Max Output: DP: 5.0V==3.0A 15.0W 9.0V==3.0A 27.0W 12.0V==3.0A 36.0W 15.0V==3.0A 45.0W 20.0V==3.25A 65.0W PPS: 3.3-11.0V==5.0A 00.0V==3.25A 65.0W PPS: 3.3-11.0V==5.0A 00.0V==3.25A 65.0W
Number of Channels:	Refer to Section 4.4
Modulation Type:	IEEE 802.11a/n/ac/ax: OFDM/OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)
Antenna Type:	Integral Antenna
Antenna Gain <sup>#</sup> :	3.99dBi



#### Note:

#: The antenna gain provided by the applicant, and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.



## 3 Summary of Test Results

#### 3.1 Test Standards

The tests were performed according to following standards:

47 CFR Part 15E: Unlicensed National Information Infrastructure Devices

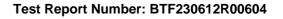
#### 3.2 Uncertainty of Test

Item	Measurement Uncertainty
Conducted Emission (150 kHz-30 MHz)	±2.64dB

The following measurement 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.

#### 3.3 Summary of Test Result

Item	Standard	Requirement	Result
Antenna requirement	47 CFR Part 15E	Part 15.203	Pass
Conducted Emission at AC power line	47 CFR Part 15E	47 CFR Part 15.207(a)	Pass
Maximum conducted output power	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)	Pass
Power spectral density	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)	Pass
Emission bandwidth and occupied bandwidth	47 CFR Part 15E	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. 47 CFR Part 15.407(e)	Pass
Channel Availability Check Time	47 CFR Part 15E	47 CFR Part 15.407(h)(2)(ii)	Pass
U-NII Detection Bandwidth	47 CFR Part 15E	47 CFR Part 15.407(h)(2)	Pass
Statistical Performance Check	47 CFR Part 15E	KDB 935210 D02, Clause 5.1 Table 2	Pass
Channel Move Time, Channel Closing Transmission Time	47 CFR Part 15E	47 CFR Part 15.407(h)(2)(iii)	Pass
Non-Occupancy Period Test	47 CFR Part 15E	47 CFR Part 15.407(h)(2)(iv)	Pass
DFS Detection Thresholds	47 CFR Part 15E	KDB 905462 D02, Clause 5.2 Table 3	Pass
Band edge emissions (Radiated)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(2) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass
Undesirable emission limits (below 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(9)	Pass
Undesirable emission limits (above 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(2) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass





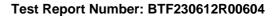
## **Test Configuration**

## **Test Equipment List**

Conducted Emission at AC power line									
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date				
Pulse Limiter	SCHWARZBECK	VTSD 9561-F	00953	2022-11-24	2023-11-23				
Coaxial Switcher	SCHWARZBECK	CX210	CX210	2022-11-24	2023-11-23				
V-LISN	SCHWARZBECK	NSLK 8127	01073	2022-11-24	2023-11-23				
LISN	AFJ	LS16/110VAC	16010020076	2023-02-23	2024-02-22				
EMI Receiver	ROHDE&SCHWA RZ	ESCI3	101422	2022-11-24	2023-11-23				

Duty Cycle								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	1	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23			

<b>Maximum conducted</b>	Maximum conducted output power								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date				
RFTest software	/	V1.00	/	/	/				
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23				
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23				
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23				
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23				
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23				
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23				





Power spectral density								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23			

Emission bandwidth and occupied bandwidth							
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date		
RFTest software	/	V1.00	1	/	/		
RF Control Unit	Techy	TR1029-1	1	2022-11-24	2023-11-23		
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23		
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23		
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23		
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23		
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23		

Channel Availability Check Time								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			



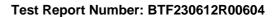


MXA Signal Analyzer KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23
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U-NII Detection Bandwidth								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23			

Statistical Performance Check								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23			

Channel Move Time, Channel Closing Transmission Time							
Equipment	Manufacturer	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/		
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23		
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23		
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23		
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23		



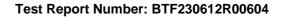


WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23

Non-Occupancy Period Test								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
RFTest software	/	V1.00	/	/	/			
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23			
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23			
Programmable constant temperature and humidity box	ZZCKONG	ZZ-K02A	20210928007	2022-11-24	2023-11-23			
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23			
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23			
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23			

DFS Detection Thresholds										
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date					
RFTest software	/	V1.00	/	/	/					
RF Control Unit	Techy	TR1029-1	/	2022-11-24	2023-11-23					
RF Sensor Unit	Techy	TR1029-2	/	2022-11-24	2023-11-23					
Programmable constant temperature and humidity box	ZZCKONG	ZZCKONG ZZ-K02A 2021092		2022-11-24	2023-11-23					
Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2022-11-24	2023-11-23					
WIDEBAND RADIO COMMNUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2022-11-24	2023-11-23					
MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2022-11-24	2023-11-23					

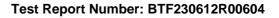
Band edge emissions (Radiated)										
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date					
Coaxial cable Multiflex 141	Schwarzbeck	N/SMA 0.5m	517386	2023-03-24	2024-03-23					
Preamplifier	SCHWARZBECK	BBV9744	00246	2022-11-24	2023-11-23					
RE Cable	REBES Talent	UF1-SMASMAM-1 0m	21101566	2022-11-24	2023-11-23					
RE Cable	REBES Talent	UF2-NMNM-10m	21101570	2022-11-24	2023-11-23					
RE Cable	REBES Talent	UF1-SMASMAM-1 m	21101568	2022-11-24	2023-11-23					





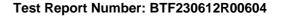
RE Cable	REBES Talent	UF2-NMNM-1m	21101576	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF2-NMNM-2.5m	21101573	2022-11-24	2023-11-23
POSITIONAL CONTROLLER	SKET		1	/	/
Horn Antenna	SCHWARZBECK	BBHA9170	01157	2021-11-28	2023-11-27
EMI TEST RECEIVER	ROHDE&SCHWA RZ	ESCI7	101032	2022-11-24	2023-11-23
SIGNAL ANALYZER	ROHDE&SCHWA RZ	FSQ40	100010	2022-11-24	2023-11-23
POSITIONAL CONTROLLER	SKET	PCI-GPIB	/	/	/
Broadband Preamplilifier	SCHWARZBECK	BBV9718D	00008	2023-03-24	2024-03-23
Horn Antenna	SCHWARZBECK	BBHA9120D	2597	2022-05-22	2024-05-21
EZ_EMC	Frad	FA-03A2 RE+	/	/	/
POSITIONAL CONTROLLER	SKET	PCI-GPIB	1	/	/
Log periodic antenna	SCHWARZBECK	VULB 9168	01328	2021-11-28	2023-11-27

Undesirable emission limits (below 1GHz)									
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date				
Coaxial cable Multiflex 141	Schwarzbeck	N/SMA 0.5m	517386	2023-03-24	2024-03-23				
Preamplifier	SCHWARZBECK	BBV9744	00246	2022-11-24	2023-11-23				
RE Cable	REBES Talent	UF1-SMASMAM-1 0m	21101566	2022-11-24	2023-11-23				
RE Cable	REBES Talent	UF2-NMNM-10m	21101570	2022-11-24	2023-11-23				
RE Cable	REBES Talent	UF1-SMASMAM-1 m	21101568	2022-11-24	2023-11-23				
RE Cable	REBES Talent	UF2-NMNM-1m	21101576	2022-11-24	2023-11-23				
RE Cable	REBES Talent	UF2-NMNM-2.5m	21101573	2022-11-24	2023-11-23				
POSITIONAL CONTROLLER	SKET	PCI-GPIB	1	/	/				
Horn Antenna	SCHWARZBECK	BBHA9170	01157	2021-11-28	2023-11-27				
EMI TEST RECEIVER	ROHDE&SCHWA RZ	ESCI7	101032	2022-11-24	2023-11-23				
SIGNAL ANALYZER	ROHDE&SCHWA RZ	FSQ40	100010	2022-11-24	2023-11-23				
POSITIONAL CONTROLLER	SKET	PCI-GPIB	1	/	/				
Broadband Preamplilifier	SCHWARZBECK	BBV9718D	80000	2023-03-24	2024-03-23				
Horn Antenna	SCHWARZBECK	BBHA9120D	2597	2022-05-22	2024-05-21				
EZ_EMC	Frad	FA-03A2 RE+	/	/	/				
POSITIONAL CONTROLLER	SKET	PCI-GPIB	1	/	/				
Log periodic antenna	SCHWARZBECK	VULB 9168	01328	2021-11-28	2023-11-27				





Undesirable emission	limits (above 1GF	lz)			
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Coaxial cable Multiflex 141	Schwarzbeck	N/SMA 0.5m	517386	2023-03-24	2024-03-23
Preamplifier	SCHWARZBECK	BBV9744	00246	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF1-SMASMAM-1 0m	21101566	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF2-NMNM-10m	21101570	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF1-SMASMAM-1 m	21101568	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF2-NMNM-1m	21101576	2022-11-24	2023-11-23
RE Cable	REBES Talent	UF2-NMNM-2.5m	21101573	2022-11-24	2023-11-23
POSITIONAL CONTROLLER	SKET	PCI-GPIB	/	/	/
Horn Antenna	SCHWARZBECK	BBHA9170	01157	2021-11-28	2023-11-27
EMI TEST RECEIVER	ROHDE&SCHWA RZ	ESCI7	101032	2022-11-24	2023-11-23
SIGNAL ANALYZER	ROHDE&SCHWA RZ	FSQ40	100010	2022-11-24	2023-11-23
POSITIONAL CONTROLLER	SKET	PCI-GPIB	1	/	1
Broadband Preamplilifier	SCHWARZBECK	BBV9718D	00008	2023-03-24	2024-03-23
Horn Antenna	SCHWARZBECK	BBHA9120D	2597	2022-05-22	2024-05-21
EZ_EMC	Frad	FA-03A2 RE+	/	/	/
POSITIONAL CONTROLLER	CKEI		/	/	1
Log periodic antenna	SCHWARZBECK	VULB 9168	01328	2021-11-28	2023-11-27





#### 4.2 Test Auxiliary Equipment

The EUT was tested as an independent device.

#### 4.3 Test Modes

<b>Operating Environment:</b>	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations(The value of duty cycle is 95.70%)

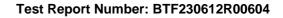
The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. For the full battery state and The output power to the maximum state.

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Test Mode	Description
Mode 1	802.11a
Mode 2	802.11n20
Mode 3	802.11n40
Mode 4	802.11ac20
Mode 5	802.11ac40
Mode 6	802.11ac80
Mode 7	802.11ax20
Mode 8	802.11ax40
Mode 9	802.11ax80
Mode 10	802.11ax160

#### Note:

- (1) The measurements are performed at the highest, lowest available channels.
- (2) The EUT use new battery.
- (3) Record the worst case of each test item in this report.

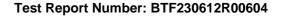




#### 4.4 Table of Parameters of Text Software Setting

Test		*#9646633#*								
program										
Mode				Test	Freque	тсу (МН	z)			
Mode					NCB: 20	)MHz				
802.11a	5180	5240	5260	5320	5500	5700	5745	5825		
002.11a	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
802.11n	5180	5240	5260	5320	5500	5700	5745	5825		
002.1111	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
802.11ac	5180	5240	5260	5320	5500	5700	5745	5825		
002.11ac	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
802.11ax	5180	5240	5260	5320	5500	5700	5745	5825		
002.11ax	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
					NCB: 40	)MHz				
802.11n	5190	5230	5270	5310	5510	5670	5755	5795		
002.1111	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
802.11ac	5190	5230	5270	5310	5510	5670	5755	5795		
002.11ac	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
802.11ax	5190	5230	5270	5310	5510	5670	5755	5795		
002.11ax	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
					NCB: 80	)MHz				
802.11ac	5210	5290	5530	5610	5775					
002.11ac	MHz	MHz	MHz	MHz	MHz					
802.11ax	5210	5290	5530	5610	5775					
002.11aX	MHz	MHz	MHz	MHz	MHz					
				N	ICB: 16	OMHz				
802.11ax	5250	5570								
ouz.ilax	MHz	MHz								

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.





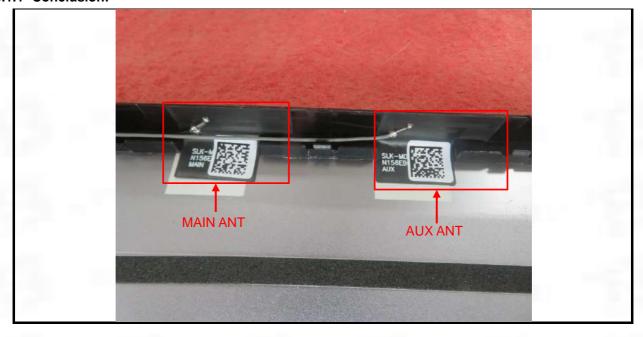
## 5 Evaluation Results (Evaluation)

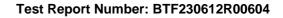
#### 5.1 Antenna requirement

Test Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall 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.

#### 5.1.1 Conclusion:







## 6 Radio Spectrum Matter Test Results (RF)

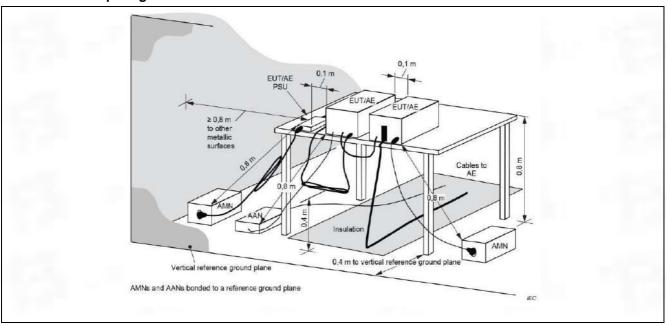
## 6.1 Conducted Emission at AC power line

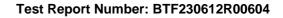
Test Requirement:	47 CFR Part 15.207(a)						
Test Method:	Refer to ANSI C63.10-2013 section 6.2, standard test method for ac power-lin conducted emissions from unlicensed wireless devices						
	Frequency of emission (MHz)	Conducted limit (dE Quasi-peak	βμV) Average				
Test Limit:	0.15-0.5	66 to 56*	56 to 46*				
165t LIIIIIt.	0.5-5	56	46				
	5-30	60	50				
	*Decreases with the logarithm of t	he frequency.					

#### 6.1.1 E.U.T. Operation:

Operating Environment:		
Temperature:	25.5 °C	
Humidity:	50.6 %	
Atmospheric Pressure:	1010 mbar	

#### 6.1.2 Test Setup Diagram:

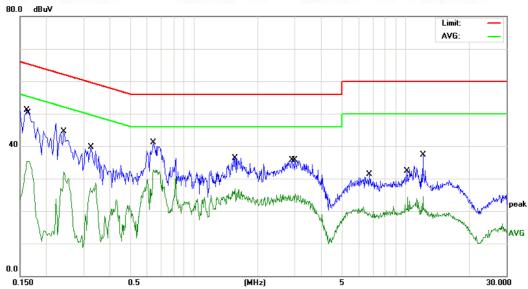




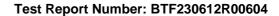


#### 6.1.3 Test Data:

Line: Line / Band: U-NII 1 / BW: 20 / CH: L

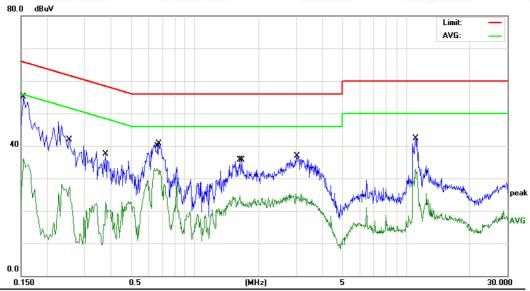


	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
			MHz	dBuV	dB	dBuV	dBuV	dB	Detector
	1		0.1620	40.64	10.41	51.05	65.36	-14.31	QP
	2		0.1660	24.81	10.41	35.22	55.15	-19.93	AVG
	3		0.2429	21.17	10.42	31.59	51.99	-20.40	AVG
	4		0.3260	29.22	10.44	39.66	59.55	-19.89	QP
	5		0.6419	30.59	10.48	41.07	56.00	-14.93	QP
	6	*	0.6419	22.28	10.48	32.76	46.00	-13.24	AVG
	7		1.5620	16.24	10.59	26.83	46.00	-19.17	AVG
	8		2.9140	25.05	10.67	35.72	56.00	-20.28	QP
	9		3.0180	14.65	10.67	25.32	46.00	-20.68	AVG
	10		6.7540	20.56	10.72	31.28	60.00	-28.72	QP
	11		10.2380	13.45	10.80	24.25	50.00	-25.75	AVG
•	12		12.1100	26.39	10.90	37.29	60.00	-22.71	QP

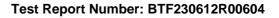




Line: Neutral / Band: U-NII 1 / BW: 20 / CH: L



No. M	lk. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1 *	0.1539	44.75	10.41	55.16	65.78	-10.62	QP
2	0.1539	25.66	10.41	36.07	55.78	-19.71	AVG
3	0.2540	31.53	10.42	41.95	61.62	-19.67	QP
4	0.3780	12.28	10.45	22.73	48.32	-25.59	AVG
5	0.6580	22.71	10.48	33.19	46.00	-12.81	AVG
6	0.6740	30.16	10.48	40.64	56.00	-15.36	QP
7	1.6300	14.08	10.60	24.68	46.00	-21.32	AVG
8	1.6660	25.18	10.61	35.79	56.00	-20.21	QP
9	2.9980	14.70	10.67	25.37	46.00	-20.63	AVG
10	3.0380	26.33	10.67	37.00	56.00	-19.00	QP
11	11.0380	31.45	10.85	42.30	60.00	-17.70	QP
12	11.0380	22.07	10.85	32.92	50.00	-17.08	AVG





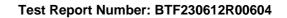
## 6.2 Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.			
Test Method:	ANSI C63.10-2013 section 12.2 (b)			
Test Limit:	No limits, only for report use.			
Procedure:	<ul> <li>i) Set the center frequency of the instrument to the center frequency of the transmission.</li> <li>ii) Set RBW &gt;= EBW if possible; otherwise, set RBW to the largest available value.</li> <li>iii) Set VBW &gt;= RBW.</li> <li>iv) Set detector = peak.</li> <li>v) The zero-span measurement method shall not be used unless both RBW and VBW are &gt; 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.</li> </ul>			

#### 6.2.1 E.U.T. Operation:

Operating Environment:	
Temperature:	25.5 °C
Humidity:	50.6 %
Atmospheric Pressure:	1010 mbar

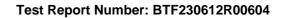
6.2.2 Test Result: (Meet requirements)





#### 6.3 Maximum conducted output power

6.3 Maximum cond	ucted output power
	47 CFR Part 15.407(a)(1)(i)
	47 CFR Part 15.407(a)(1)(ii)
	47 CFR Part 15.407(a)(1)(iii)
Test Requirement:	47 CFR Part 15.407(a)(1)(iv)
	47 CFR Part 15.407(a)(2)
	47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)
To at Marth a di	
Test Method:	ANSI C63.10-2013, section 12.3
	For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.
	If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any
	elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
	For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.
	If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
	game a second control of the second control
	For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
	Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power.
Test Limit:	For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi.
	Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is
	professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
	For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.
	If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
	For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250
	mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.





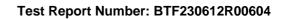
	For the band 5.725-5.850 GHz, the maximum conducted output power over the
	frequency band of operation shall not exceed 1 W.
	If transmitting antennas of directional gain greater than 6 dBi are used, the
	maximum conducted output power shall be reduced by the amount in dB that the
	directional gain of the antenna exceeds 6 dBi.
	However, fixed point-to-point U-NII devices operating in this band may employ
	transmitting antennas with directional gain greater than 6 dBi without any
	corresponding reduction in transmitter conducted power. Fixed, point-to-point
	operations exclude the use of point-to-multipoint systems, omnidirectional
	applications, and multiple collocated transmitters transmitting the same
	information. The operator of the U-NII device, or if the equipment is professionally
	installed, the installer, is responsible for ensuring that systems employing high gain
	directional antennas are used exclusively for fixed, point-to-point operations.
	Method SA-1
	a) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal.
	b) Set RBW = 1 MHz.
	c) Set VBW >= 3 MHz.
	d) Number of points in sweep >= [2 x span / RBW]. (This gives bin-to-bin spacing
	<= RBW / 2, so
	that narrowband signals are not lost between frequency bins.) e) Sweep time = auto.
	f) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample
	detector mode.
	g) If transmit duty cycle < 98%, use a video trigger with the trigger level set to
	enable triggering
	only on full power pulses. The transmitter shall operate at maximum power control
	level for the
Procedure:	entire duration of every sweep. If the EUT transmits continuously (i.e., with no OFF
	intervals) or
	at duty cycle >= 98%, and if each transmission is entirely at the maximum power
	control level,
	then the trigger shall be set to "free run."
	h) Trace average at least 100 traces in power averaging (rms) mode.
	i) Compute power by integrating the spectrum across the 26 dB EBW or 99% OBW
	of the signal
	using the instrument's band power measurement function, with band limits set
	equal to the
	EBW or OBW band edges. If the instrument does not have a band power function,
	then sum the
	spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB
	EBW or 99%
	OBW of the spectrum.

#### 6.3.1 E.U.T. Operation:

Operating Environment:		
Temperature:	25.5 °C	
Humidity:	50.6 %	
Atmospheric Pressure:	1010 mbar	

#### 6.3.2 Test Data:

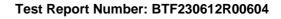
Please Refer to Appendix for Details.





#### 6.4 Power spectral density

6.4 Power spectral	density			
Test Requirement:	47 CFR Part 15.407(a)(1)(i) 47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)			
Test Method:	ANSI C63.10-2013, section 12.5			
	For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			
	For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			
	For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.			
Test Limit:	Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.			
	For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.  If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			
	For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.  If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			
	For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.  If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter			





	conducted power.
	Fixed, point-to-point operations exclude the use of point-to-multipoint systems,
	omnidirectional applications, and multiple collocated transmitters transmitting the
	same information. The operator of the U-NII device, or if the equipment is
	professionally installed, the installer, is responsible for ensuring that systems
	employing high gain directional antennas are used exclusively for fixed,
	point-to-point operations.
	a) Create an average power spectrum for the EUT operating mode being tested by
	following the
	instructions in 12.3.2 for measuring maximum conducted output power using a
	spectrum
	analyzer or EMI receiver; that is, select the appropriate test method (SA-1, SA-2, SA-3, or their
	respective alternatives) and apply it up to, but not including, the step labeled, "Compute
	power" (This procedure is required even if the maximum conducted output
	power (This procedure is required even if the maximum conducted output
	measurement was performed using the power meter method PM.)
	b) Use the peak search function on the instrument to find the peak of the spectrum.
	c) Make the following adjustments to the peak value of the spectrum, if applicable:
	1) If method SA-2 or SA-2A was used, then add [10 log (1 / D)], where D is the duty
	cycle, to the peak of the spectrum.
	2) If method SA-3A was used and the linear mode was used in step h) of 12.3.2.7,
	add
	1 dB to the final result to compensate for the difference between linear averaging
Procedure:	and
	power averaging.
	d) The result is the PPSD.
	e) The procedure in item a) through item c) requires the use of 1 MHz resolution
	bandwidth to
	satisfy the 1 MHz measurement bandwidth specified by some regulatory
	authorities. This
	requirement also permits use of resolution bandwidths less than 1 MHz "provided
	that the
	measured power is integrated to show the total power over the measurement
	bandwidth" (i.e.,
	1 MHz). If measurements are performed using a reduced resolution bandwidth and
	integrated
	over 1 MHz bandwidth, the following adjustments to the procedures apply:
	1) Set RBW >= 1 / T, where T is defined in 12.2 a).
	2) Set VBW >= [3 x RBW].
	3) Care shall be taken such that the measurements are performed during a period
	of continuous transmission or are corrected upward for duty cycle.
	or continuous transmission or are corrected upward for duty cycle.

#### 6.4.1 E.U.T. Operation:

Operating Environment:	
Temperature:	25.5 °C
Humidity:	50.6 %
Atmospheric Pressure:	1010 mbar

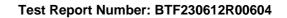
#### 6.4.2 Test Data:

Please Refer to Appendix for Details.



## 6.5 Emission bandwidth and occupied bandwidth

Toot Doguizers and	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
T ( NA ()	ANSI C63.10-2013, section 6.9.3 & 12.4
Test Method:	KDB 789033 D02, Clause C.2
	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Procedure:	minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.  Emission bandwidth:  a) Set RBW = approximately 1% of the emission bandwidth.  b) Set the VBW > RBW. c) Detector = peak. d) Trace mode = max hold. e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission.  Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.  Occupied bandwidth: a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Step a) through step c) might require iteration to adjust within the specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the trace
	data points are recovered and directly summed in linear power terms. The recovered amplitude
	data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the
	total is reached;
	that frequency is recorded as the lower frequency. The process is repeated until





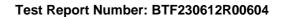
99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). 6 dB emission bandwidth: a) Set RBW = 100 kHz. b) Set the video bandwidth (VBW) ≥ 3 >= RBW. c) Detector = Peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

#### 6.5.1 E.U.T. Operation:

Operating Environment:	
Temperature:	25.5 °C
Humidity:	50.6 %
Atmospheric Pressure:	1010 mbar

#### 6.5.2 Test Data:

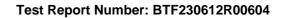
Please Refer to Appendix for Details.





### 6.6 Band edge emissions (Radiated)

<u> </u>	47 CFR Part 15.407(b)	)(1)			
	47 CFR Part 15.407(b)				
Test Requirement:	47 CFR Part 15.407(b)				
	47 CFR Part 15.407(b)				
Test Method:		ANSI C63.10-2013, section 12.7.4, 12.7.5, 12.7.6			
Test Metriou.	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the				
	5.15-5.35 GHz band s	hall not exceed an e.i.r. ting in the 5.25-5.35 GH	p. of −27 dBm/M	1Hz.	
	5.15-5.35 GHz band s	hall not exceed an e.i.r.	p. of −27 dBm/M	1Hz.	
	For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27				
	dBm/MHz at the band	•	or odoling in rodiny	10 4 10 101 01 21	
		<b>9</b>	N 41 1—	CI I-	
	MHz	MHz	MHz	GHz	
	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15	
	<sup>1</sup> 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		
	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.	9.3-9.5	
			5		
	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7	
To as I incit.	6.26775-6.26825	108-121.94	1718.8-1722. 2	13.25-13.4	
Test Limit:	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 25	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 12.57675-12.57725 13.36-13.41	240-285 322-335.4	3345.8-3358 3600-4400	36.43-36.5 ( <sup>2</sup> )	
	<sup>1</sup> Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.				
	<sup>2</sup> Above 38.6				
	The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.				
	Except as provided els	sewhere in this subpart,	the emissions fi	rom an intentional	

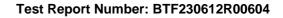




	radiator shall not exceed the field strength levels specified in the following table:				
	Frequency (MHz)	Field strength	Measurement		
		(microvolts/meter)	distance		
		,	(meters)		
	0.009-0.490	2400/F(kHz)	300		
	0.490-1.705	24000/F(kHz)	30		
	1.705-30.0	30	30		
	30-88	100 **	3		
	88-216	150 **	3		
	216-960	200 **	3		
	Above 960	500	3		
	Above 1GHz:	000	0		
		IT was placed on the top of a	rotating table 1.5 motors		
		eter fully-anechoic chamber. T			
		osition of the highest radiation			
		ers away from the interference			
		a variable-height antenna tow			
		ried from one meter to four me			
		alue of the field strength. Both			
		a are set to make the measure			
		ssion, the EUT was arranged			
		neights from 1 meter to 4 meter			
		na was tuned to heights 1 met			
		to 360 degrees to find the ma			
		was set to Peak Detect Func	ation and Specified		
		Bandwidth with Maximum Hold Mode.			
	f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be				
Berneller	re-tested one by one using peak or average method as specified and then reported				
Procedure:	in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel.				
	h. The radiation measurements are performed in X, Y, Z axis positioning for				
	Transmitting mode, and found the X axis positioning which it is the worst case.				
	i. Repeat above procedures until all frequencies measured was complete.				
	Remark:	In Lance Automore Fronting Box	Factor		
	1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.				
	3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lowe than the average limit, only the peak measurement is shown in the report.				
	4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been				
	I highest point could be foun	d whon tacting co only the ab	and because or included and a		
	displayed.	d when testing, so only the ac	ove narmonics had been		

#### 6.6.1 E.U.T. Operation:

Operating Environment:	
Temperature:	25.5 °C
Humidity:	50.6 %

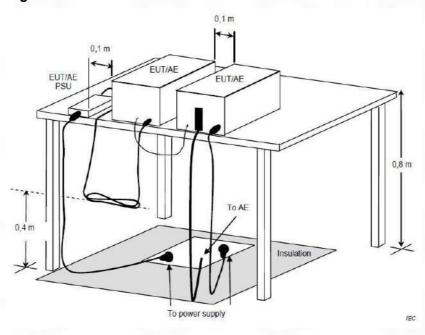


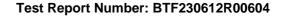


Atmospheric Pressure:

1010 mbar

#### 6.6.2 Test Setup Diagram:

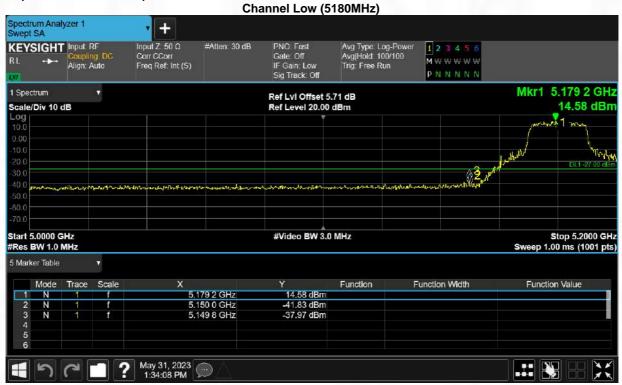




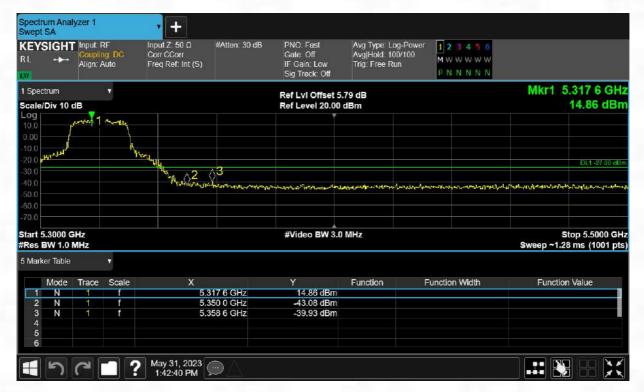


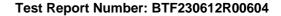
#### 6.6.3 Test Data:

20MHz(IEEE 802.11a/n/ac/ax)



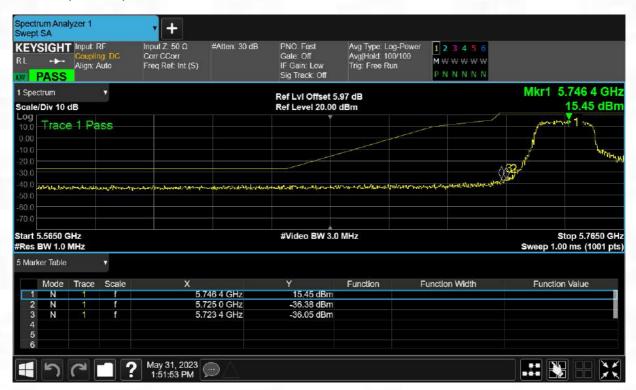
#### Channel High (5320MHz)





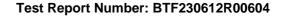


#### Channel Low (5745MHz)



Channel High (5825MHz)





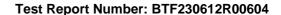


# 40MHzIEEE 802.11n/ac/ax Channel Low (5190MHz)



#### Channel High (5310MHz)





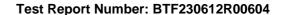


#### Channel Low (5755MHz)



#### Channel High (5795MHz)





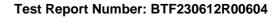


#### 80MHzIEEE 802.11ac/ax Channel Low (5210MHz)



#### Channel High (5290MHz)

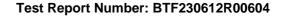






#### Channel Low (5775MHz)





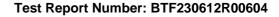


160MHzIEEE 802.11ax Channel Low (5250MHz)

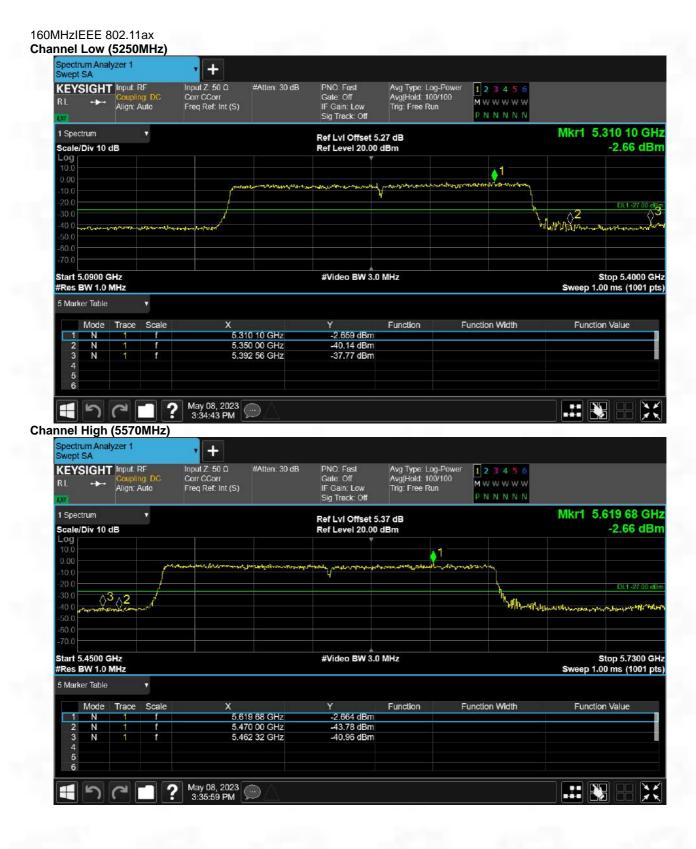


Channel High (5570MHz)







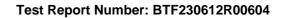






# 6.7 Undesirable emission limits (below 1GHz)

Test Requirement:	47 CFR Part 15.407(b)	, ,	
Test Method:	ANSI C63.10-2013, sec	ction 12.7.4, 12.7.5, 12.7.6	
	limits set forth in § 15.2  Except as provided else radiator shall not excee	ewhere in this subpart, the emi	ssions from an intentional cified in the following table:
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490 0.490-1.705 1.705-30.0 30-88	2400/F(kHz) 24000/F(kHz) 30 100 **	300 30 30 3
	88-216 216-960 Above 960	150 ** 200 ** 500	3 3 3
Procedure:	above the ground at a a degrees to determine the b. The EUT was set 3 c which was mounted on c. The antenna height i determine the maximur polarizations of the antend. For each suspected the antenna was tuned of below 30MHz, the arwas turned from 0 degree. The test-receiver system Bandwidth with Maximur f. If the emission level of specified, then testing or reported. Otherwise the re-tested one by one us data sheet.  g. Test the EUT in the left. The radiation measur Transmitting mode, and i. Repeat above proceed Remark:  1. Level= Read Level+ 2. Scan from 9kHz to 3 points marked on above testing, so only above pemissions from the radiated not be reported.  3. The disturbance belocities.	EUT was placed on the top of a meter semi-anechoic chamber position of the highest radia or 10 meters away from the intente top of a variable-height and a varied from one meter to four mover value of the field strength. But the top of a variable-height and are set to make the measurements are set to make the measurements are to 4 meters to 360 degrees to find the stem was set to Peak Detect Full Hold Mode. Of the EUT in peak mode was 1 could be stopped and the peak remissions that did not have 1 sing quasi-peak method as specially a special peak method as special peak	er. The table was rotated 360 tion. erference-receiving antenna, tenna tower. In meters above the ground to oth horizontal and vertical surement. It to its worst case and then leters (for the test frequency meter) and the rotatable table maximum reading. Inction and Specified  OdB lower than the limit values of the EUT would be odB margin would be ecified and then reported in a limit, the Highest channel. In Z axis positioning for which it is the worst case. Sured was complete.  Preamp Factor SOMHz was very low. The limit amplitude of spurious than 20dB below the limit harmonics were the highest

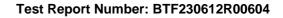




- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete. Remark:
- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
- 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

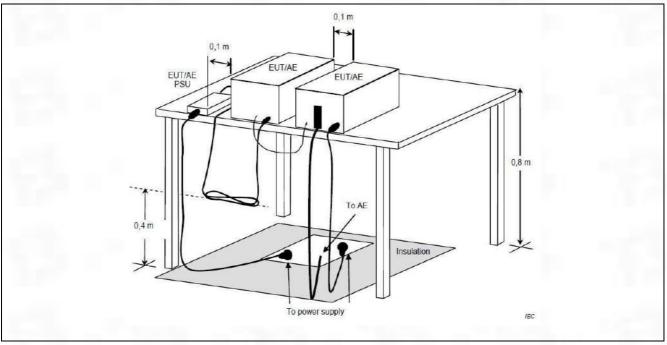
#### 6.7.1 E.U.T. Operation:

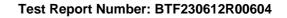
Operating Environment:						
Temperature:	25.5 °C					
Humidity:	50.6 %					
Atmospheric Pressure:	1010 mbar					





# 6.7.2 Test Setup Diagram:

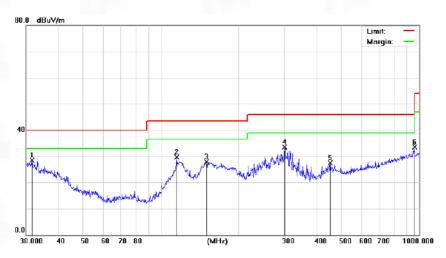




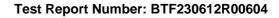


### 6.7.3 Test Data:

Note: All the mode have been tested, and only the worst case mode are in the report Polarization: Horizontal / Band: U-NII 1 / BW: 20 / CH: L

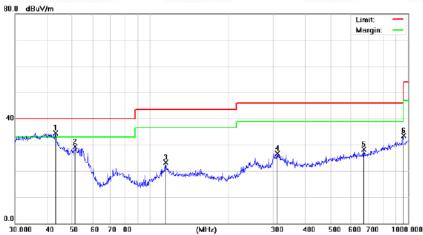


	No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
	1	*	31.6202	23.46	5.10	28.56	40.00	-11.44	QP
•	2		114.9169	32.87	-3.24	29.63	43.50	-13.87	QP
	3		150.0108	30.52	-2.69	27.83	43.50	-15.67	QP
	4		301.4224	35.10	-1.52	33.58	46.00	-12.42	QP
	5		452.7197	26.71	0.79	27.50	46.00	-18.50	QP
	6		958.7943	24.49	9.09	33.58	46.00	-12.42	QP

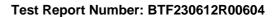








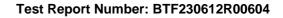
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	43.0505	36.25	-1.79	34.46	40.00	-5.54	QP
2		51.3005	36.21	-6.86	29.35	40.00	-10.65	QP
3	•	114.9169	26.49	-3.24	23.25	43.50	-20.25	QP
4	;	311.0867	28.18	-1.45	26.73	46.00	-19.27	QP
5	(	672.8444	23.90	4.47	28.37	46.00	-17.63	QP
6	(	958.7943	24.32	9.09	33.41	46.00	-12.59	QP





# 6.8 Undesirable emission limits (above 1GHz)

	47 OFD Dow 45 407(b)								
	47 CFR Part 15.407(b)								
Test Requirement:	47 CFR Part 15.407(b)								
·	47 CFR Part 15.407(b)								
	47 CFR Part 15.407(b)								
Test Method:		ection 12.7.4, 12.7.5, 12							
		ting in the 5.15-5.25 GH							
		hall not exceed an e.i.r.							
		ting in the 5.25-5.35 GH							
	5.15-5.35 GHZ band si	5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.							
	For transmitters energy	ting cololy in the 5 725	E 050 CUz bono	ı.					
		ting solely in the 5.725- limited to a level of −27							
		e increasing linearly to and from 25 MHz above							
		.6 dBm/MHz at 5 MHz							
		below the band edge in							
	dBm/MHz at the band		reasing inleany	to a level of 21					
	MHz	MHz	MHz	GHz					
	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15					
	10.495-0.505	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.	9.3-9.5					
	4.20720 4.20770	70 74.0	5	0.0 0.0					
	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7					
	6.26775-6.26825	108-121.94	1718.8-1722.	13.25-13.4					
	0.20770 0.20020	100 121.01	2	10.20 10.1					
	6.31175-6.31225	123-138	2200-2300	14.47-14.5					
Test Limit:	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					
		25							
	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	( <sup>2</sup> )					
	13.36-13.41								
	Until February 1, 1999	9, this restricted band s	hall be 0.490-0.5	510 MHz.					
	<sup>2</sup> Above 38.6								
		missions appearing with							
		n in § 15.209. At freque							
		the limits in § 15.209sh							
		entation employing a CI							
		with the emission limit							
		value of the measured	emissions. The	provisions in §					
	15.35apply to these me	easurements.							
	Event on provided als	owhere in this subsect	the emissions for	rom an intentional					
		sewhere in this subpart,							
		ed the field strength lev							
	Frequency (MHz)	Field strength		Measurement					





			(microvolts/meter)	distance
				(meters)
	0.0	09-0.490	2400/F(kHz)	300
		90-1.705	24000/F(kHz)	30
		05-30.0	30	30
	30-		100 **	3
		216	150 **	3
		6-960	200 **	3
		ove 960	500	3
			500	3
		/e 1GHz:	<del>-</del>	
				op of a rotating table 1.5 meters
				mber. The table was rotated 360
		ees to determine the po		
	b. Th	ne EUT was set 3 mete	rs away from the interf	erence-receiving antenna, which
	was	mounted on the top of	a variable-height anter	nna tower.
	c. Th	ne antenna height is va	ried from one meter to	four meters above the ground to
	dete	rmine the maximum va	lue of the field strength	n. Both horizontal and vertical
		rizations of the antenna		
				anged to its worst case and then
				4 meters (for the test frequency
				s 1 meter) and the rotatable table
		turned from 0 degrees		
				ct Function and Specified
		dwidth with Maximum F		ct i diletion and opecined
				as 10dB lower than the limit
				eak values of the EUT would be
				ve 10dB margin would be
		,	peak or average metho	od as specified and then reported
Procedure		data sheet.		
				channel, the Highest channel.
				X, Y, Z axis positioning for
				ng which it is the worst case.
	i. Re	peat above procedures	s until all frequencies m	neasured was complete.
	Rem	ark:		
	1. Le	evel= Read Level+ Cab	le Loss+ Antenna Fact	tor- Preamp Factor
	2. Sc	can from 18GHz to 40G	Hz, the disturbance al	bove 18GHz was very low. The
				ssions could be found when
				The amplitude of spurious
				more than 20dB below the limit
		not be reported.	million and attendated	more than Load bolow the limit
			for frequencies shove	1GHz, the field strength limits
				eld strength of any emission shall
	not e			specified above by more than 20

## 6.8.1 E.U.T. Operation:

Operating Environment:	
Temperature:	25.5 °C
Humidity:	50.6 %
Atmospheric Pressure:	1010 mbar

dB under any condition of modulation. For the emissions whose peak level is lower

than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been

displayed.



Test Report Number: BTF230612R00604

#### 6.8.2 Test Data:

Note: All the mode have been tested, and only the worst case mode are in the report

_										
	<b></b>	Low channel: 5180MHz								
	Freq.	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)		
	(MHz)	H/V	PK	AV	PK	AV	PK	AV		
	10360	V	58.20	41.42	74	54	-15.80	-12.58		
	15540	V	58.74	40.46	74	54	-15.26	-13.54		
	10360	Н	58.70	40.72	74	54	-15.30	-13.28		
Ī	15540	Н	59.94	40.94	74	54	-14.06	-13.06		

Freq.		Low channel: 5180MHz								
	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)			
(MHz)	H/V	PK	AV	PK	AV	PK	AV			
10360	V	59.36	40.08	74	54	-14.64	-13.92			
15540	V	59.16	39.38	74	54	-14.84	-14.62			
10360	Н	58.65	39.26	74	54	-15.35	-14.74			
15540	Н	58.08	39.08	74	54	-15.92	-14.92			

Freq.		Low channel: 5180MHz								
	Ant.Pol	Emission L	_evel(dBuV)	Limit 3m	ı(dBuV/m)	Ove	r(dB)			
(MHz)	H/V	PK	AV	PK	AV	PK	AV			
10360	V	60.31	39.45	74	54	-13.69	-14.55			
15540	V	59.14	39.01	74	54	-14.86	-14.99			
10360	Н	59.18	40.83	74	54	-14.82	-13.17			
15540	Н	59.31	40.31	74	54	-14.69	-13.69			

Freq.	Low channel: 5180MHz								
	Ant.Pol	Emission l	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)		
(MHz)	H/V	PK	AV	PK	AV	PK	AV		
10360	V	58.46	40.96	74	54	-15.54	-13.04		
15540	V	59.14	41.00	74	54	-14.86	-13.00		
10360	Н	58.52	40.63	74	54	-15.48	-13.37		
15540	Н	58.10	39.10	74	54	-15.90	-14.90		

#### Note

- 1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
- 2. Freq. = Emission frequency in MHz

Reading level  $(dB\mu V)$  = Receiver reading

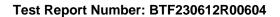
Corr. Factor (dB) = Attenuation factor + Cable loss

Level  $(dB\mu V)$  = Reading level  $(dB\mu V)$  + Corr. Factor (dB)

Limit ( $dB\mu V$ ) = Limit stated in standard

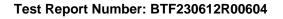
Margin (dB) = Level (dB $\mu$ V) – Limits (dB $\mu$ V)

3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.





# **Appendix**





# 1. Bandwidth

# 1.1 OBW

# 1.1.1 Test Result

# -26dB Bandwidth

Band	Channel	Frequency (MHz)	-26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
			20MHz(IEEE 802.11a/r	n/ac/ax)		
4	Low	5180	22.8	18.990	0.5	Pass
	High	5240	19.891	18.880	0.5	Pass
2	Low	5260	22.538	18.945	0.5	Pass
2	High	5320	22.734	18.984	0.5	Pass
3	Low	5500	25.74	18.951	0.5	Pass
3	High	5700	22.265	19.007	0.5	Pass
			40MHz(IEEE 802.11n)	/ac/ax)		
4	Low	5190	47.695	37.609	0.5	Pass
1	High	5230	39.204	37.642	0.5	Pass
2	Low	5270	39.034	37.531	0.5	Pass
2	High	5310	52.518	37.619	0.5	Pass
2	Low	5510	51.713	37.661	0.5	Pass
3	High	5670	54.985	37.640	0.5	Pass
			80MHz(IEEE 802.11a	ac/ax)		
1	Low	5210	79.284	76.897	0.5	Pass
2	Low	5290	78.884	76.811	0.5	Pass
3	Low	5530	78.921	77.048	0.5	Pass
3	High	5610	79.331	76.841	0.5	Pass
	_		160MHz(IEEE 802.1	1ax)		
1	Low	5250	163.466	155.40	0.5	Pass
3	High	5570	165.807	154.70	0.5	Pass

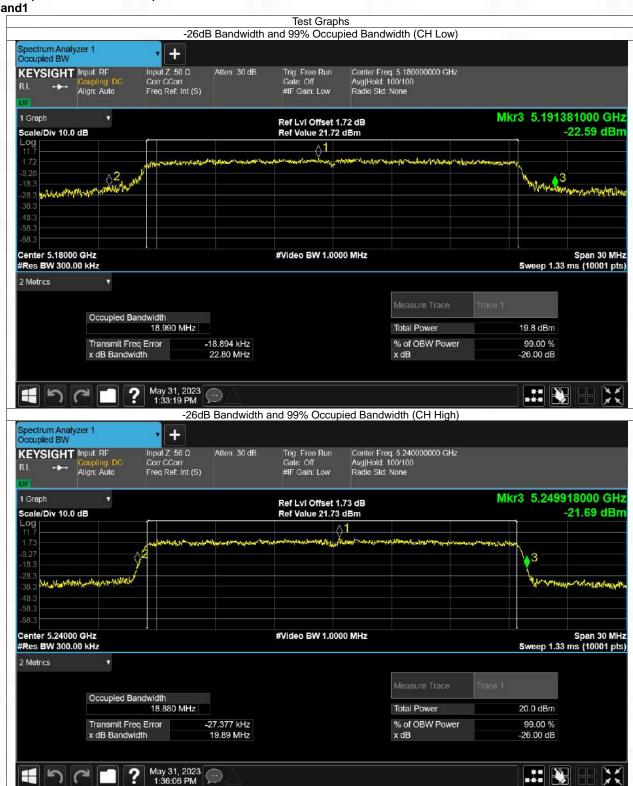
# -6dB Bandwidth

Band	Channel	Frequency (MHz)	-6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
			20MHz(IEEE 802.11a/n	/ac/ax)		
4	Low	5745	18.368	18.922	> 0.5	Pass
	High	5825	18.72	18.828	> 0.5	Pass
			40MHz(IEEE 802.11n/	ac/ax)		
4	Low	5755	35.314	37.598	> 0.5	Pass
	High	5795	35.088	37.507	> 0.5	Pass
			80MHz(IEEE 802.11a	c/ax)		
4	Low	5775	76.694	76.712	> 0.5	Pass



# 1.1.2 Test Graph

#### 20MHz(IEEE 802.11a/n/ac/ax) Band1

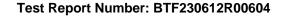








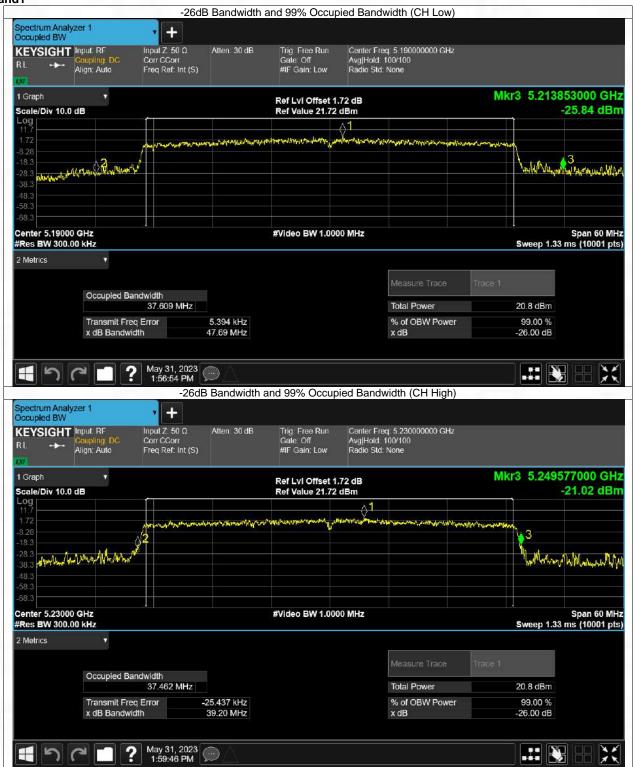






# 40MHz(IEEE 802.11n/ac/ax)

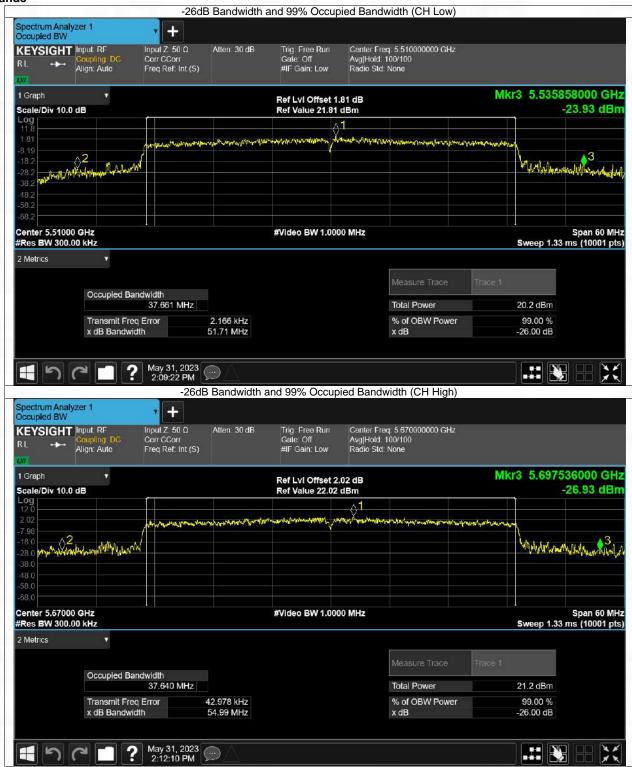


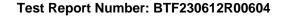








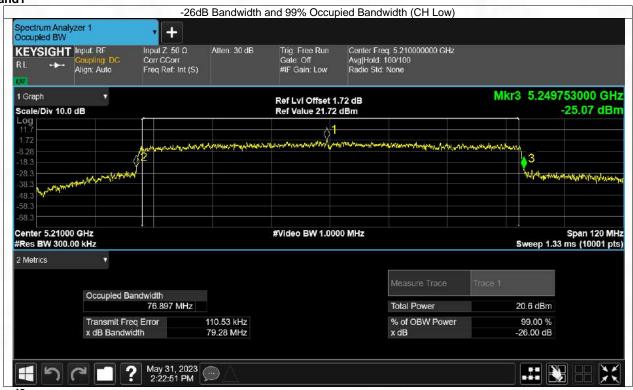


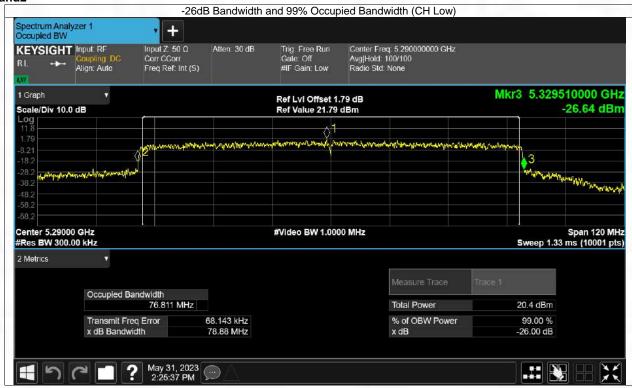




### 80MHz(IEEE 802.11ac/ax)

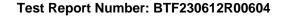
Band1











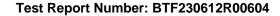


#### 160MHz(IEEE 802.11ax)

Band1



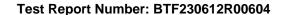






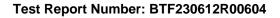
# -6dB Bandwidth 20MHz(IEEE 802.11a/n/ac/ax)







40MHz(IEEE 802.11n/ac/ax) Band4 -6dB Bandwidth and 99% Occupied Bandwidth (CH Low) Spectrum Analyzer 1 Occupied BW + Center Freq: 5.755000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Atten: 30 dB Trig: Free Run KEYSIGHT Input: RF Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Align: Auto Mkr3 5.772649000 GHz 1 Graph Ref LvI Offset 1.88 dB Ref Value 21.88 dBm -7.54 dBm Scale/Div 10.0 dB harmonist majed be of the opportunity of the first of the Center 5.75500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Sweep 6.00 ms (10001 pts) Occupied Bandwidth 37.598 MHz Total Power 21.1 dBm -7.909 kHz 35.31 MHz Transmit Freq Error % of OBW Power 99.00 % -6.00 dB x dB Bandwidth x dB May 31, 2023 2:15:12 PM 190 .:: 💸 -6dB Bandwidth and 99% Occupied Bandwidth (CH High) Input Z: 50 Ω Corr CCorr Center Freq: 5 755000000 GHz Avg[Hold: 100/100 KEYSIGHT Input: RF Atten: 30 dB Trig Free Run Gate Off #IF Gain: Low Align: Auto Freq Ref: Int (S) Radio Std: None Mkr3 5.772649000 GHz Ref LvI Offset 1.88 dB -7.54 dBm Scale/Div 10.0 dB Ref Value 21.88 dBm 12 Notable for the plant of the first of the first of the Center 5.75500 GHz #Res BW 100.00 kHz Span 60 MHz Sweep 6.00 ms (10001 pts) #Video BW 300,00 kHz 2 Metrics Occupied Bandwidth 37.598 MHz Total Power 21.1 dBm -7.909 kHz 99.00 % Transmit Freq Error % of OBW Power 35.31 MHz -6.00 dB .∷ 🤻





# 80MHz(IEEE 802.11ac/ax)

