Shenzhen Toby Technology Co., Ltd.

Report No.: TBR-C-202205-0049-13

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Radio Test Report

FCC ID: 2AMM6-8852BER3BB

Report No. TBR-C-202205-0049-13

Applicant Earda Technologies Co., Ltd

Equipment Under Test (EUT)

EUT Name WiFi & BT combo module

Model No. EWN-8852BER3BB-HF

Series Model No. EWN-8852BER3BB

Brand Name EARDATEK

202205-0049-01-01#& 202205-0049-01-02# Sample ID

Receipt Date 2022-06-02

Test Date 2022-06-02 to 2022-06-21

2022-06-21 **Issue Date**

Standards FCC Part 15 Subpart E 15.407

Test Method ANSI C63.10: 2013

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Conclusions **PASS**

In the configuration tested, the EUT complied with the standards specified above.

Witness Engineer

Engineer Supervisor

Engineer Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0



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Revision History

Report No.	Version	Description	Issued Date
TBR-C-202205-0049-13	Rev.01	Initial issue of report	2022-06-21
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1. General Information about EUT

1.1 Client Information

Applicant : Earda Technologies Co., Ltd		Earda Technologies Co., Ltd
Address : Block A, LianFeng Creative Industry Park, 2 JiSheng F HuangGe Town, NanSha District, Guangzhou, PRC.		Block A, LianFeng Creative Industry Park, 2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou, PRC.
Manufacturer : Earda Technologies Co., Ltd		Earda Technologies Co., Ltd
Address :		Block A, LianFeng Creative Industry Park, 2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou, PRC.

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	WiFi & BT combo module		
Models No.		EWN-8852BER3BB-HF, EWN-8852BER3BB		
Model Different		All these models are identical in the layout and electrical circuit, The only difference is Model EWN-8852BER3BB-HF PCB is halogen free, The PCB of model EWN-8852BER3BB contains halogen.		
000		Operation Frequency: U-NII-1: 5180MHz~5240MHz, U-NII-2A: 5260MHz~5320MHz U-NII-2C: 5500MHz~5700MHz, U-NII-3: 5745MHz~5825MHz		
	3	Antenna Gain:	2dBi PCB Antenna	
Product Description		Modulation Type:	802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDMA (BPSK, QPSK,16QAM, 64QAM, 256QAM, 1024QAM)	
(10)		Bit Rate of Transmitter:	Up to 1200Mbps	
Power Rating		DC 3.3V		
Software Version	:	6001.0.15.106		
Hardware Version		A1.1		
Damada	-			

Remark:

- (1) The antenna gain and adapter provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.
- (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- (3) Antenna information provided by the applicant.



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(4) Channel List:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5400 5040444	36	5180 MHz	44	5220 MHz
5180~5240MHz (U-NII-1)	38	5190 MHz	46	5230 MHz
	40	5200 MHz	48	5240 MHz
	42	5210 MHz		

For 20 MHz Bandwidth, use channel 36, 40, 44, 48.

For 40 MHz Bandwidth, use channel 38, 46.

For 80 MHz Bandwidth, use channel 42.

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
	52	5260 MHz	60	5300 MHz
5260~5320 MHz (U-NII-2A)	54	5270 MHz	62	5310MHz
	56	5280MHz	64	5320 MHz
	58	5290MHz		

For 20 MHz Bandwidth, use channel 52, 56, 60, 64.

For 40 MHz Bandwidth, use channel 54, 62.

For 80 MHz Bandwidth, use channel 58.

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
	100	5500 MHz	124	5620 MHz
	102	5510 MHz	126	5630 MHz
	104	5520 MHz	128	5640 MHz
	106	5530 MHz	132	5660 MHz
5500~5720 MHz	108	5540 MHz	134	5670 MHz
(U-NII-2C)	110	5550 MHz	136	5680 MHz
	112	5560 MHz	138	5690 MHz
	116	5580 MHz	140	5700 MHz
	118	5590 MHz	142	5710 MHz
	120	5600 MHz	144	5720 MHz
	122	5610 MHz		

For 20 MHz Bandwidth, use channel 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144

For 40 MHz Bandwidth, use channel 102, 110, 118, 126, 134, 142

For 80 MHz Bandwidth, use channel 106, 122, 138.

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
	149	5745 MHz	157	5785 MHz
5745~5825MHz (U-NII-3)	151	5755 MHz	159	5795 MHz
(0-NII-3)	153	5765 MHz	161	5805 MHz
	155	5775 MHz	165	5825 MHz

For 20 MHz Bandwidth, use channel 149, 153, 157, 161, 165.

For 40 MHz Bandwidth, use channel 151, 159.

For 80 MHz Bandwidth, use channel 155.

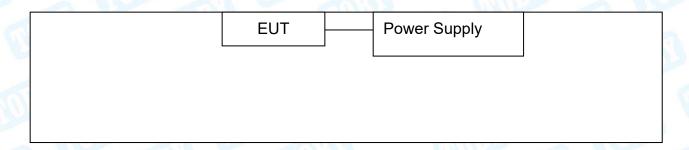




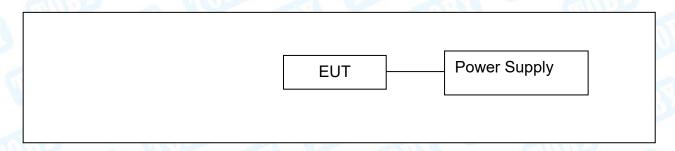
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1.3 Block Diagram Showing the Configuration of System Tested

Conducted Test



Radiated Test



1.4 Description of Support Units

Equipment Information					
Name Model FCC ID/VOC Manufacturer Used "√"					
	(3)				
Cable Information					
Number	Shielded Type	Ferrite Core	Length	Note	
			(T)		



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1.5 Description of Test Mode

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 follow was evaluated respectively.

		For Conducted Test
Fina	l Test Mode	Description
	Mode 1	TX a Mode(5180MHz)
	For	Radiated Test Below 1GHz
Fina	l Test Mode	Description
ans.	Mode 2	TX a Mode(5180MHz)
	For Radiated	Above 1GHz and RF Conducted Test
Test Band	Final Test Mode	Description
CHIEF !	Mode 3	TX Mode 802.11a Mode Channel 36/44/48
1.3	Mode 4	TX Mode 802.11n(HT20) Mode Channel 36/44/48
	Mode 5	TX Mode 802.11ac(VHT20) Mode Channel 36/44/48
	Mode 6	TX Mode 802.11ax(HE20) Mode Channel 36/44/48
U-NII-1	Mode 7	TX Mode 802.11n(HT40) Mode Channel 38/46
	Mode 8	TX Mode 802.11ac(VHT40) Mode Channel 38/46
	Mode 9	TX Mode 802.11ax(HE40) Mode Channel 38/46
	Mode 10	TX Mode 802.11ac(VHT80) Mode Channel 42
	Mode 11	TX Mode 802.11ax(HE80) Mode Channel 42
	Mode 12	TX Mode 802.11a Mode Channel 52/60/64
	Mode 13	TX Mode 802.11n(HT20) Mode Channel 52/60/64
1 1 1 1	Mode 14	TX Mode 802.11ac(VHT20) Mode Channel 52/60/64
3	Mode 15	TX Mode 802.11ax(HE20) Mode Channel 52/60/64
U-NII-2A	Mode 16	TX Mode 802.11n(HT40) Mode Channel 54/62
	Mode 17	TX Mode 802.11ac(VHT40) Mode Channel 54/62
	Mode 18	TX Mode 802.11ax(HE40) Mode Channel 54/62
	Mode 19	TX Mode 802.11ac(VHT80) Mode Channel 58
	Mode 20	TX Mode 802.11ax(HE80) Mode Channel 58
77:25	Mode 21	TX Mode 802.11a Mode Channel 100/116/140
MUL	Mode 22	TX Mode 802.11n(HT20) Mode Channel 100/116/140
6.11	Mode 23	TX Mode 802.11ac(VHT20) Mode Channel 100/116/140
	Mode 24	TX Mode 802.11ax(HE20) Mode Channel 100/116/140
U-NII-2C	Mode 25	TX Mode 802.11n(HT40) Mode Channel 102/110/134
Jan 1	Mode 26	TX Mode 802.11ac(VHT40) Mode Channel 102/110/134
	Mode 27	TX Mode 802.11ax(HE40) Mode Channel 102/110/134
	Mode 28	TX Mode 802.11ac(VHT80) Mode Channel 106/122
	Mode 29	TX Mode 802.11ax(HE80) Mode Channel 106/122
	Mode 30	TX Mode 802.11a Mode Channel 149/157/165
	Mode 31	TX Mode 802.11n(HT20) Mode Channel 149/157/165
LLNILO	Mode 32	TX Mode 802.11ac(VHT20) Mode Channel 149/157/165
U-NII-3	Mode 33	TX Mode 802.11ax(HE20) Mode Channel 149/157/165
-	Mode 34	TX Mode 802.11n(HT40) Mode Channel 151/159
17.7	Mode 35 Mode 36	TX Mode 802.11ac(VHT40) Mode Channel 151/159 TX Mode 802.11ax(HE40) Mode Channel 151/159



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Mode 37	TX Mode 802.11ac(VHT80) Mode Channel 155
Mode 38	TX Mode 802.11ax(HE80) Mode Channel 155

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

802.11a Mode: OFDM (6 Mbps) 802.11n (HT20) Mode: MCS 0 802.11n (HT40) Mode: MCS 0

802.11ac(VHT20) Mode: MCS 0/ Nss1 802.11ac(VHT40) Mode: MCS 0/ Nss1 802.11ac(VHT80) Mode: MCS 0/ Nss1 802.11ax(HE20) Mode: MCS 0/ Nss1 802.11ax(HE40) Mode: MCS 0/ Nss1 802.11ax(HE40) Mode: MCS 0/ Nss1

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a Mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.



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1.6 Description of Test Software Setting

During testing channel& 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 power parameters of RF setting.

	U-NII-1		
		Parar	neters
Mode	Frequency (MHz)	Ant.1	Ant.:
	5180	20	20
802.11a	5220	20	20
	5240	20	20
	5180	17	17
802.11n(HT20)	5220	17	17
	5240	17	17
	5180	17	17
802.11ac(VHT20)	5220	17	17
	5240	17	17
	5180	17	17
802.11ax(HE20)	5220	17	17
,	5240	17	17
	5190	17	17
802.11n(HT40)	5230	17	17
	5190	17	17
802.11ac(VHT40)	5230	17	17
	5190	17	17
802.11ax(HE40)	5230	17	17
802.11ac(VHT80)	5210	17	17
802.11ax(HE80)	5210	17	17
002.TTax(TTL00)	U-NII-2A	17	17
		Parar	neters
Mode	Frequency (MHz)	Ant.1	Ant.:
	5260	20	20
802.11a	5300	20	20
002.114	5320	20	20
	5260	17	17
802.11n(HT20)	5300	17	17
332.1111(11120)	5320	17	17
	5260	17	17
802.11ac(VHT20)	5300	17	17
002.11ac(VIII20)	5320	17	17
		17	17
802.11ac(HE20)	5260	17	17
002.11ac(HE20)	5300	17	17
	5320		
802.11n(HT40)	5270	17	17
	5310	17	17
802.11ac(VHT40)	5270	17	17
	5310	17	17
802.11ax(HE40)	5270	17	17
	5310	17	17
802.11ac(VHT80)	5290	17	17
802.11ac(VHT80)		17	17





Mode	Fraguency (MILI-)	Parai	neters
Wode	Frequency (MHz)	Ant.1	Ant.
	5500	20	20
802.11a	5580	20	20
	5700	20	20
	5500	17	17
802.11n(HT20)	5580	17	17
	5700	17	17
	5500	17	17
802.11ac(VHT20)	5580	17	17
	5700	17	17
	5500	17	17
802.11ax(HE20)	5580	17	17
	5700	17	17
	5510	17	17
802.11n(HT40)	5550	17	17
	5670	17	17
	5510	17	17
802.11ac(VHT40)	5550	17	17
	5670	17	17
	5510	17	17
802.11ax(HE40)	5550	17	17
	5670	17	17
902 44 co(\/UT90\	5530	17	17
802.11ac(VHT80)	5610	17	17
902 11 av/UE90\	5530	17	17
802.11ax(HE80)	5610	17	17
	U-NII-3		
Mode	Frequency (MHz)		meters
mode	1 requeries (miliz)	Ant.1	Ant.
	5745	20	20
802.11a	5785	20	20
	5825	20	20
	5745	17	17
802.11n(HT20)	5785	17	17
	5825	17	17
	5745	17	17
802.11ac(VHT20)	5785	17	17
	5825	17	17
	5745	17	17
802.11ax(HE20)	5785	17	17
	5825	17	17
002 44p/UT40\	5755	17	17
802.11n(HT40)	5795	17	17
000 440c/\/IIT 40\	5755	17	17
802.11ac(VHT40)	5795	17	17
	5755	17	17
000 44/! != 40\	5795	17	17
802.11ax(HE40)	3/33		
802.11ax(HE40) 802.11ac(VHT80)	5775	17	17



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1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	$\pm 3.50~\mathrm{dB}$ $\pm 3.10~\mathrm{dB}$
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1/F.,Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

IC Registration No.: (11950A)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A. CAB identifier: CN0056.



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2. Test Summary

Standard Section	Test Item	Toot Comple(s)	ludamant	D
FCC	Test item	Test Sample(s)	Judgment	Remar
FCC 15.207(a)	Conducted Emission	202205-0049-01-01#	PASS	N/A
FCC 15.209 & 15.407(b)	Radiated Unwanted Emissions	202205-0049-01-01#	PASS	N/A
FCC 15.203	Antenna Requirement	202205-0049-01-02#	PASS	N/A
FCC 15.407(a)	-26dB Emission Bandwidth	202205-0049-01-02#	PASS	N/A
FCC 15.407(a)	99% Occupied Bandwidth	202205-0049-01-02#	PASS	N/A
FCC 15.407(e)	-6dB Min Emission Bandwidth	202205-0049-01-02#	PASS	N/A
FCC 15.407(a)	Maximum Conducted Output Power	202205-0049-01-02#	PASS	N/A
FCC 15.407(a)	Power Spectral Density	202205-0049-01-02#	PASS	N/A
FCC 15.407(b)& 15.205	Emissions in Restricted Bands	202205-0049-01-02#	PASS	N/A
FCC 15.407(b)&15.209	Conducted Unwanted Emissions	202205-0049-01-02#	PASS	N/A
FCC 15.407(g)	Frequency Stability	202205-0049-01-02#	PASS	N/A
	On Time and Duty Cycle	202205-0049-01-02#	1	N/A

3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0
RF Test System	JS1120	Tonscend	V2.6.88.0336



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4. Test Equipment

Conducted Emission	Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 05, 2021	Jul. 04, 2022
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 05, 2021	Jul. 04, 2022
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 05, 2021	Jul. 04, 2022
LISN	Rohde & Schwarz	ENV216	101131	Jul. 05, 2021	Jul. 04, 2022
Radiation Emission T	est				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 05, 2021	Jul. 04, 2022
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 05, 2021	Jul. 04, 2022
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 05, 2021	Jul. 04, 2022
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Feb. 28, 2022	Feb. 27, 2024
Horn Antenna	ETS-LINDGREN	3117	00143207	Feb. 28, 2022	Feb. 27, 2024
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Feb. 28, 2022	Feb. 27, 2024
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 06, 2021	Jul. 05, 2022
Pre-amplifier	Sonoma	310N	185903	Feb. 24, 2022	Feb. 23, 2023
Pre-amplifier	HP	8449B	3008A00849	Feb. 24, 2022	Feb. 23, 2023
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Feb. 24, 2022	Feb. 23, 2023
Cable	HUBER+SUHNER	100	SUCOFLEX	Feb. 24, 2022	Feb. 23, 2023
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted E	Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 05, 2021	Jul. 04, 2022
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 05, 2021	Jul. 04, 2022
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 10, 2021	Sep. 09, 2022
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 10, 2021	Sep. 09, 2022
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 10, 2021	Sep. 09, 2022
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 10, 2021	Sep. 09, 2022
DE Dower Caraca	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 10, 2021	Sep. 09, 2022
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 10, 2021	Sep. 09, 2022
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Sep. 10, 2021	Sep. 09, 2022



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5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

FCC Part 15.207

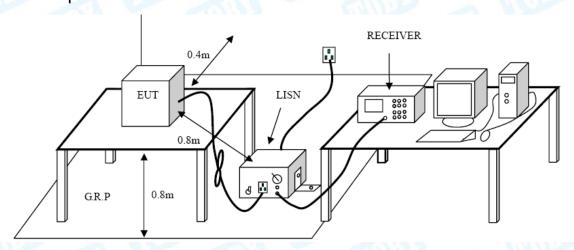
5.1.2 Test Limit

Fraguenay	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.2 Test Setup



5.3 Test Procedure

- ●The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- ●Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- ●I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- ●The bandwidth of EMI test receiver is set at 9 kHz, and the test frequency band is from 0.15MHz to 30MHz.



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5.4 Deviation From Test Standard

No deviation

5.5 EUT Operating Mode

Please refer to the description of test mode.

5.6 Test Data

Please refer to the Attachment A inside test report.

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6. Radiated and Conducted Unwanted Emissions

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.209 & FCC Part 15.407(b)

6.1.2 Test Limit

Genera	General field strength limits at frequencies Below 30MHz				
Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)			
0.009~0.490	2400/F(KHz)	300			
0.490~1.705	24000/F(KHz)	30			
1.705~30.0	30	30			

Note: 1, The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

General field strength limits at frequencies above 30 MHz		
Frequency (MHz)	Field strength (μV/m at 3 m)	Measurement Distance (meters)
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

General field strength limits at frequencies Above 1000MHz			
Frequency	Distance of 3m (dBuV/m)		
(MHz)	Peak A		
Above 1000	74	54	

Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

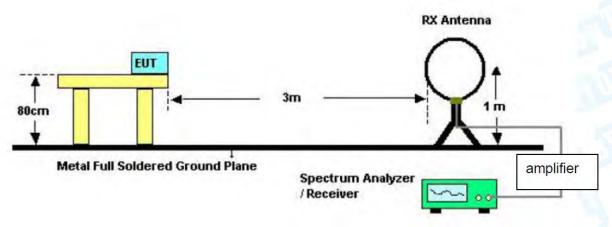
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

6.2 Test Setup

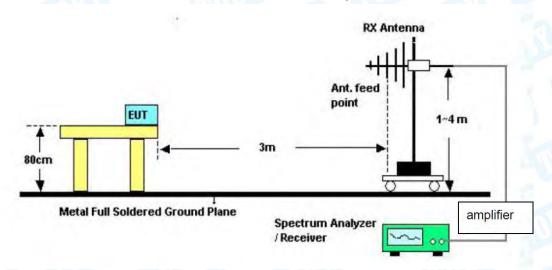
Radiated measurement



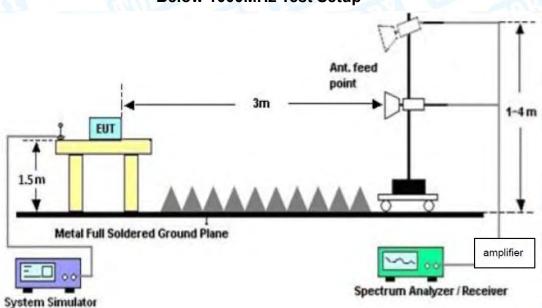
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Below 30MHz Test Setup



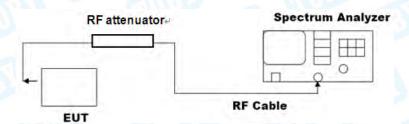
Below 1000MHz Test Setup



Above 1GHz Test Setup Conducted measurement



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6.3 Test Procedure

---Radiated measurement

- The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Below 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- Testing frequency range 30MHz-1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection. Testing frequency range 9KHz-150Hz the measuring instrument use VBW=200Hz with Quasi-peak detection. Testing frequency range 9KHz-30MHz the measuring instrument use VBW=9kHz with Quasi-peak detection.
- Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- For the actual test configuration, please see the test setup photo.



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--- Conducted measurement

Reference level measurement

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to≥1.5 times the DTS bandwidth.
- c) Set the RBW = 100 kHz.
- d) Set the VBW≥[3*RBW].
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

Emission level measurement

Establish an emission level by using the following procedure:

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW≥[3*RBW].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

6.4 Deviation From Test Standard

No deviation

6.5 EUT Operating Mode

Please refer to the description of test mode.

6.6 Test Data

Radiated measurement please refer to the Attachment B inside test report. Conducted measurement please refer to the Appendix D.



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7. Restricted Bands Requirement

7.1 Test Standard and Limit

7.1.1 Test Standard

FCC Part 15.205 & FCC Part 15.407(b)

7.1.2 Test Limit

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
CHILL ST.	-27(Note 2)	68.3
E70E . E00E	10(Note 2)	105.3
5725~5825	15.6(Note 2)	110.9
a THUM	27(Note 2)	122.3

NOTE:

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

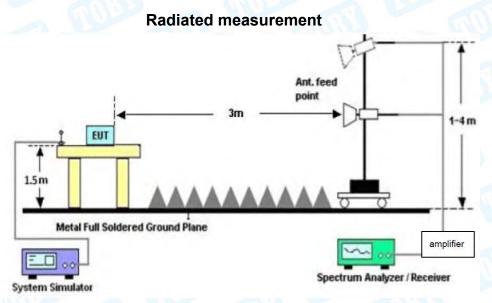
$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24,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 25MHz 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 27dBm/MHz at the band edge.

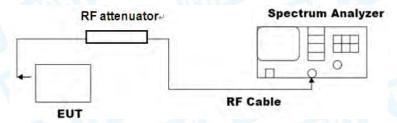
Note: According the ANSI C63.10 11.12.2 antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test forcabinet/case emissions is required.



7.2 Test Setup



Conducted measurement



7.3 Test Procedure

---Radiated measurement

- Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high. above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- The Peak Value and average value both need to comply with applicable limit above 1 GHz.
- Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- For the actual test configuration, please see the test setup photo.



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--- Conducted measurement

a) Measure the conducted output power (in dBm) using the detector specified by the appropriate regulatory agency (see 11.12.2.3 through 11.12.2.5 for guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP (see 11.12.2.6 for guidance on determining the applicable antenna gain).
- c) Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies \leq 30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).
- d) For MIMO devices, measure the power of each chain and sum the EIRP of all chains in linear terms (i.e., watts and mW).
- e) Convert the resultant EIRP to an equivalent electric field strength using the following relationship:

 $E = EIRP-20 \log d + 104.8$

where

E is the electric field strength in dBuV/m

EIRP is the equivalent isotropically radiated power in dBm

d is the specified measurement distance in m

- f) Compare the resultant electric field strength level with the applicable regulatory limit.
- g) Perform the radiated spurious emission test.

7.4 Deviation From Test Standard

No deviation

7.5 EUT Operating Mode

Please refer to the description of test mode.

7.6 Test Data

Remark: The test uses antenna-port conducted measurements as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements.

Please refer to the Appendix D.

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8. Bandwidth Test

8.1 Test Standard and Limit

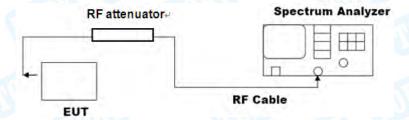
8.1.1 Test Standard

FCC Part 15.407(a) & FCC Part 15.407(e)

8.1.2 Test Limit

Test Item	Limit	Frequency Range (MHz)
	N/A	5150~5250
26 Bandwidth		5250~5350
		5500~5725
6 dB Bandwidth	>500kHz	5725~5850
CAS CHILL	187 _{11/4}	5150~5250
000/ Dandwidth		5250~5350
99% Bandwidth	N/A	5500~5725
		5725~5850

8.2 Test Setup



8.3 Test Procedure

---Emission bandwidth

- The procedure for this method is as follows:
- 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%.

NOTE—The automatic bandwidth measurement capability of a spectrum analyzer or an EMI receiver may be employed if it implements the functionality described in the preceding items.



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---DTS bandwidth

- The steps for the first option are as follows:
- a) Set RBW = 100 kHz.
- b) Set the 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.

---occupied bandwidth

- The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power 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).



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8.4 Deviation From Test Standard

No deviation

8.5 EUT Operating Mode

Please refer to the description of test mode.

8.6 Test Data

Please refer to the Appendix D.



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9. Maximum Conducted Output Power

9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.407(a)

9.1.2 Test Limit

	FCC Part 15 Sub	part E(15.407)				
Limeia	Freq	quency Range(MHz)				
Limit	5150~5250	5250~5350	5500~5725	5725~5850		
Max Conducted TX Power	Master Device: 1 Watt(30dBm) Client Device: 250mW(24dBm)	B, whichever is	or 11 dBm+ 10 log lower (B= 26-dB ion BW)	1 Watt (30dBm)		
Max E.I.R.P	4 W (36 dBm) with 6 dBi antenna 200 W (53 dBm) for fixed P-t-P application with 23 dBiantenna Additional rule for outdoor operation: Max_EIRP< 125 mW(21 dBm) at any elevation angle > 30°from horizon	1 W (30 dBm) v	vith 6 dBi antenna	4 W (36 dBm) with 6 dBi antenna		
TPC	NO	dBm) and able to	RP ≥ 500 mW (27 lower EIRP below dBm < 500mW (27dBm)	NO		

9.2 Test Setup



9.3 Test Procedure

● The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.

9.4 Deviation From Test Standard

No deviation

9.5 EUT Operating Mode

Please refer to the description of test mode.

9.6 Test Data

Please refer to the Appendix D.



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Power Spectral Density Test 10.

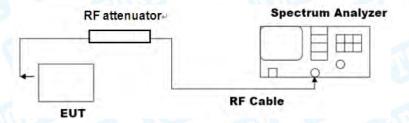
10.1 Test Standard and Limit

10.1.1 Test Standard FCC Part 15.407(a)

10.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
The same	Master Device: 17dBm/MHz Client Device: 11dBm/MHz	5150~5250
Power Spectral	11dBm/MHz	5250~5350
Density	11dBm/MHz	5500~5725
	30dBm/500kHz	5725~5850

10.2 Test Setup



10.3 Test Procedure

- Notwithstanding that some regulatory requirements refer to peak power spectral density (PPSD), in some cases the intent is to measure the maximum value of the time average of the power spectral density during a period of continuous transmission. The procedure for this method is as follows:
- 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 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 and power averaging.
- d) The result is the PPSD.



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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.95 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*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.

10.4 Deviation From Test Standard

No deviation

10.5 Antenna Connected Construction

Please refer to the description of test mode.

10.6 Test Data

Please refer to the Appendix D.



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11. Frequency Stability

11.1 Test Standard and Limit

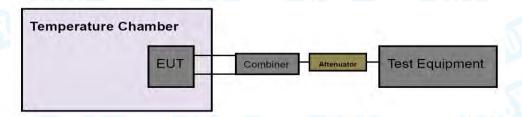
11.1.1 Test Standard

FCC Part 15.407(g)

11.1.2 Test Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

11.2 Test Setup



11.3 Test Procedure

- Determining compliance with the peak excursion requirement shall be done by confirming that the ratio of the maximum of the peak-max-hold spectrum to the maximum of the average spectrum for continuous transmission does not exceed the regulatory requirement. 96 The procedure for this method is as follows:
- a) The following guidance for limiting the number of tests applies only to peak excursion measurements:
- 1) Testing each modulation mode on a single channel in a single operating band is sufficient to determine compliance with the peak excursion requirement. (If all modulation modes are not available on a single channel in a single band, then testing must be extended to other channels and bands as needed to ensure that all modulation modes are tested.)
- 2) Tests must include all variations in signal structure, such as:
 - i) All signal types [e.g., direct sequence spread spectrum (DSSS) and OFDM].
 - ii) All modulation types [e.g., binary phase-shift keying (BPSK), quadrature phase-shift keying (QPSK), 16-QAM, 64-QAM, and 256-QAM].
 - iii) All bandwidth modes.
 - iv) All variations in signal parameters (e.g., changes in subcarrier spacing or number of subcarriers).
- 3) For a given signal structure, testing of multiple error-correction coding rates is not required (e.g., 1/2, 2/3, and 3/4).
- 4) For MIMO devices, testing of a single output port is sufficient to determine compliance with the peak excursion requirement. If a given signal structure can be exercised with various combinations of spatial multiplexing (such as different numbers of spatial streams), beamforming, and cyclic delay diversity, peak excursion tests are not required to include those variations.



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- b) The procedure is as follows:
- 1) Set the span of the spectrum analyzer or EMI receiver to view the entire emission bandwidth or occupied bandwidth.
- 2) Find the maximum of the peak-max-hold spectrum:
 - i) Set RBW = 1 MHz.
 - ii) VBW 3 MHz.
 - iii) Detector = peak.
 - iv) Trace mode = max-hold.
 - v) Allow the sweeps to continue until the trace stabilizes.
 - vi) Use the peak search function to find the peak of the spectrum.
- 3) Use the procedure found in 12.5 to measure the PPSD.
- 4) Compute the ratio of the maximum of the peak-max-hold spectrum to the PPSD.

11.4 Deviation From Test Standard

No deviation

11.5 Antenna Connected Construction

Please refer to the description of test mode.

11.6 Test Data

Please refer to the Appendix D.



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12. Antenna Requirement

12.1 Test Standard and Limit

12.1.1 Test Standard

FCC Part 15.203

12.1.2 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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

12.2 Deviation From Test Standard

No deviation

12.3 Antenna Connected Construction

The gains of the antenna used for transmitting is 2dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

12.4 Test Data

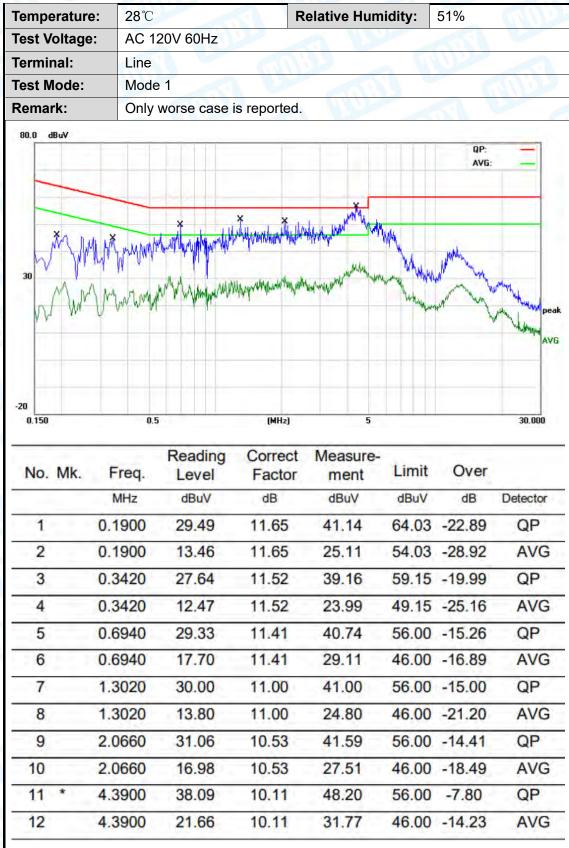
The EUT antenna is a PCB Antenna. It complies with the standard requirement.

Antenna Type	
⊠Permanent attached antenna	M
Unique connector antenna	
☐Professional installation antenna	10



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Attachment A-- Conducted Emission Test Data



Remark:

- 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
- 2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





Temperature:	28℃		Relative Hu	midity:	51%	
Test Voltage:	AC 120V 60H	Z				
Terminal:	Neutral		a 100		15.0	135
Test Mode:	Mode 1	and		AN.	11.	1
Remark:	Only worse ca	se is reported		3		Mile
80.0 dBuV						
					QP: AVG:	_
					133.40	
30	MAN MAN WANTAN	haishmaa hudhaanin san	AND	My John Committee	× ×	Market Company
30	Marin	rarahinas propanies solv	harry grand " " " Mary Harry H	M. Address M. M.	Manager of the second s	pe:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.2740	33.36	11.60	44.96	60.99	-16.03	QP
2		0.2740	15.84	11.60	27.44	50.99	-23.55	AVG
3		0.4180	31.48	11.48	42.96	57.49	-14.53	QP
4		0.4180	14.87	11.48	26.35	47.49	-21.14	AVG
5		0.6940	35.74	11.44	47.18	56.00	-8.82	QP
6		0.6940	18.29	11.44	29.73	46.00	-16.27	AVG
7		1.6620	33.91	10.72	44.63	56.00	-11.37	QP
8		1.6620	18.37	10.72	29.09	46.00	-16.91	AVG
9	*	3.9780	38.28	10.11	48.39	56.00	-7.61	QP
10		3.9780	22.43	10.11	32.54	46.00	-13.46	AVG
11		12.1940	24.18	10.23	34.41	60.00	-25.59	QP
12	-	12.1940	15.82	10.23	26.05	50.00	-23.95	AVG

- Remark:
 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
 2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)



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Attachment B--Unwanted Emissions Data

--- Radiated Unwanted Emissions

9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

Below the permissible value has no need to be reported.

30MHz~1GHz

	rature:	24.3°	C	A Comment	Relative H	umidity:	45%	
est Vo	ltage:	AC 1	20V 60Hz		CHILL		Miles	
nt. Po	ol.	Horiz	ontal			ANY !		· [1]
est M	ode:	Mode	2	N. C.				
emar	k:	Only	worse case	is reported.	Militia		A Park	
80.0 d	BuV/m							
70								
60		-				(RF)FCC 15	C 3M Radiation	
50		-				Margin≕6 di		
40		-			3	5		6.
30				2		4		
				0		In all		
	mint frage conflage a fresh and	godenovy opologicz	North American Street	WAY WAY	Hy Many	and and property of	de springer and harder for the springer of the	MANA MM pea
10	malpanolographia	grabatogy phytogolik	ley Normaly Armed	WAY WAY	Why Many	of the same	dy derestable the the	W. A. M. Pea
10	and humbers the	g-barry-proprie	wy Tanghay powd	"\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Why Many	Mary Mary	de an administration of the	
20 10 0 -10 -20 30.000	and humbers the	60.00	w Tanahadykund	(MHz)	300		de Laborational Asia de Laboration de Labora	1000.00
10 20	Freque (MH	ency	Reading (dBuV)	(MHz) Factor (dB/m)	Level		Margin (dB)	
10 10 20 30.000	Freque	ency z)		Factor	Level	00 Limit	Margin	1000.00
10 10 20 30.000	Freque (MH	ency (z)	(dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	1000.00
10 10 20 30.000 No.	Freque (MH	ency (z) 308 611	(dBuV) 43.24	Factor (dB/m) -25.96	Level (dBuV/m) 17.28	Limit (dBuV/m) 40.00	Margin (dB) -22.72	Detector peak
No.	Freque (MH 76.78	ency (z) 808 611 856	(dBuV) 43.24 51.07	Factor (dB/m) -25.96 -21.86	Level (dBuV/m) 17.28 29.21	Limit (dBuV/m) 40.00 43.50	Margin (dB) -22.72 -14.29	Detector peak peak
No. 1 2 3 *	Freque (MH 76.78 145.8 199.9	ency (z) 308 611 856 273	(dBuV) 43.24 51.07 62.08	Factor (dB/m) -25.96 -21.86 -24.11	Level (dBuV/m) 17.28 29.21 37.97	Limit (dBuV/m) 40.00 43.50 43.50	Margin (dB) -22.72 -14.29 -5.53	Detector peak peak peak

Remark:

*:Maximum data

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

x:Over limit !:over margin

3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





	ture: 24.3	${}^{\circ}\!$	F	Relative Hur	nidity:	45%	
est Volta	age: AC 1	20V 60Hz	STA V	C.III	183		
Ant. Pol.	Verti	cal		a W		IFE	
Test Mod	le: Mod	e 2	an)		J BAI	A STATE OF THE PARTY OF THE PAR	
Remark:	Only	worse case	is reported		13		
80.0 dBuV	//m						
70							
60					(RF)FCC 15	C 3M Radiation	
50					Margin -6 d		
40						-	++
30			3	×		\$ *	\$
		4	n They		×	1	A Mulwhpea
20	handa handa da d	Maria Maria	Mary Mary	What but he was the byter	population of the second	brown appropriately	(MANAGE)
10 V	high production of the selection of the first	Market	M. M	Marched promotory	happility of all principles chapt	harriage of the property	
10 MAY	60.00		(MHz)	A Company for all white		british deplay had	1000.00
10 0 -10 -20	60.00 Frequency (MHz)				.00 Limit	Margin	
10 0 -10 -20 30.000	Frequency	Reading	(MHz)	300 Level	.00 Limit	Margin	1000.00
10 -10 -20 30.000 No.	Frequency (MHz)	Reading (dBuV)	(MHz) Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
10 -10 -20 30.000 No.	Frequency (MHz) 76.7808	Reading (dBuV) 47.82	Factor (dB/m) -25.96	Level (dBuV/m) 21.86	Limit (dBuV/m) 40.00	Margin (dB) -18.14	Detector peak
10 -10 -20 30.000 No. 1 2	Frequency (MHz) 76.7808 150.0108	Reading (dBuV) 47.82 49.29	Factor (dB/m) -25.96 -21.74	Level (dBuV/m) 21.86 27.55	Limit (dBuV/m) 40.00 43.50	Margin (dB) -18.14 -15.95	Detector peak peak
10 -10 -20 30.000 No. 1 2 3 *	Frequency (MHz) 76.7808 150.0108 199.9856	Reading (dBuV) 47.82 49.29 57.35	Factor (dB/m) -25.96 -21.74 -24.11	Level (dBuV/m) 21.86 27.55 33.24	Limit (dBuV/m) 40.00 43.50 43.50	Margin (dB) -18.14 -15.95 -10.26	Detector peak peak peak

^{*:}Maximum data x:Over limit !:over margin

Remark:

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = QuasiPeak (dB μ V/m)-Limit QPK(dB μ V/m)





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Above 1GHz

5180MHz-5240MHz(U-NII-1)

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180M	1Hz (U-NII-1)	THU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10360.358	38.13	16.08	54.21	68.30	-14.09	peak
2 *	10360.417	27.76	16.08	43.84	54.00	-10.16	AVG

Remark:

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		THUE
Ant. Pol.	Vertical		ww.
Test Mode:	TX 802.11a Mode 5180M	IHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10360.258	27.13	16.08	43.21	54.00	-10.79	AVG
2	10360.410	40.73	16.08	56.81	68.30	-11.49	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	55%
Ĭ	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	a w	
	Test Mode:	TX 802.11a Mode 5220M	IHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10440.284	38.32	16.26	54.58	68.30	-13.72	peak
2 *	10440.358	27.42	16.26	43.68	54.00	-10.32	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11a Mode 5220N	1Hz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10440.258	39.95	16.26	56.21	68.30	-12.09	peak
2 *	10440.368	27.02	16.26	43.28	54.00	-10.72	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	55%
N	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	7	
F	Test Mode:	TX 802.11a Mode 5240M	IHz (U-NII-1)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10480.170	37.52	16.32	53.84	68.30	-14.46	peak
2 *	10480.384	24.76	16.32	41.08	54.00	-12.92	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11a Mode 5240N	1Hz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10480.147	27.22	16.32	43.54	54.00	-10.46	AVG
2	10480.241	38.49	16.32	54.81	68.30	-13.49	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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A L M. L. R. AND			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	anily a	Unna
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11n(HT20) Mode	e 5180MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10359.784	14.86	26.08	40.94	54.00	-13.06	AVG
2	10360.435	26.29	26.08	52.37	68.30	-15.93	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical		0			
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10359.765	26.33	26.08	52.41	68.30	-15.89	peak
2 *	10360.293	14.94	26.08	41.02	54.00	-12.98	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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MALL NAVA CONTRACTOR							
Temperature:	26℃	Relative Humidity:	54%				
Test Voltage:	AC 120V/60Hz						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11n(HT20) Mode	X 802.11n(HT20) Mode 5220MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10439.978	24.41	26.26	50.67	68.30	-17.63	peak
2 *	10440.432	15.05	26.26	41.31	54.00	-12.69	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%				
Test Voltage:	AC 120V/60Hz	CAURA -	THUL				
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 802.11n(HT20) Mode	5220MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10440.052	26.98	26.26	53.24	68.30	-15.06	peak
2 *	10440.309	15.05	26.26	41.31	54.00	-12.69	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Unive
Ant. Pol.	Horizontal		TO VICE
Test Mode:	TX 802.11n(HT20) Mod	e 5240MHz (U-NII-1)	U

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10479.906	22.55	26.32	48.87	68.30	-19.43	peak
2 *	10479.911	15.07	26.32	41.39	54.00	-12.61	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	WURR?	THUL
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode	5240MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10480.087	15.11	26.32	41.43	54.00	-12.57	AVG
2	10480.337	23.79	26.32	50.11	68.30	-18.19	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an u	William .
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ac(VHT20) Mo	ode 5180MHz (U-NII-1)	NU -

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	1
1 *	10360.144	14.92	26.08	41.00	54.00	-13.00	AVG	T
2	10360.386	23.20	26.08	49.28	68.30	-19.02	peak	

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		W C
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mo	de 5180MHz (U-NII-1)	N. W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10360.138	14.86	26.08	40.94	54.00	-13.06	AVG
2	10360.301	25.94	26.08	52.02	68.30	-16.28	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11ac(VHT20) Mo	de 5220MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10439.834	15.08	26.26	41.34	54.00	-12.66	AVG
2	10439.888	21.59	26.26	47.85	68.30	-20.45	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		U D
Ant. Pol.	Vertical		WILD T
Test Mode:	TX 802.11ac(VHT20) Mo	de 5220MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10439.814	24.02	26.26	50.28	68.30	-18.02	peak
2 *	10440.083	15.08	26.26	41.34	54.00	-12.66	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11 ac(VHT20) Mo	ode 5240MHz (U-NII-1)	WU -

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10479.663	21.20	26.32	47.52	68.30	-20.78	peak
2 *	10479.940	15.11	26.32	41.43	54.00	-12.57	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mc	de 5240MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10479.729	23.41	26.32	49.73	68.30	-18.57	peak
2 *	10479.729	15.10	26.32	41.42	54.00	-12.58	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an u	MUD
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ax(VHT20) Mo	ode 5180MHz (U-NII-1)	NU P

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10360.113	23.15	26.08	49.23	68.30	-19.07	peak
2 *	10360.358	14.91	26.08	40.99	54.00	-13.01	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		M C
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT20) Mo	de 5180MHz (U-NII-1)	MU

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10359.750	22.22	26.08	48.30	68.30	-20.00	peak
2 *	10359.924	14.88	26.08	40.96	54.00	-13.04	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	COLUMN TO THE PARTY OF THE PART	CIUD
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ax(VHT20) Mo	ode 5220MHz (U-NII-1)	The same of the sa

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10440.341	23.51	26.26	49.77	68.30	-18.53	peak
2 *	10440.404	15.01	26.26	41.27	54.00	-12.73	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		A U
Ant. Pol.	Vertical		WW P
Test Mode:	TX 802.11ax(VHT20) Mo	de 5220MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10440.211	15.02	26.26	41.28	54.00	-12.72	AVG
2	10440.431	24.35	26.26	50.61	68.30	-17.69	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	and b	Unna
Ant. Pol.	Horizontal		NO.
Test Mode:	TX 802.11 ax(VHT20) I	Mode 5240MHz (U-NII-1	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10480.206	24.20	26.32	50.52	68.30	-17.78	peak
2 *	10480.279	15.01	26.32	41.33	54.00	-12.67	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT20) Mo	de 5240MHz (U-NII-1)	N. W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10479.898	24.70	26.32	51.02	68.30	-17.28	peak
2 *	10480.128	15.02	26.32	41.34	54.00	-12.66	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
	Test Voltage:	AC 120V/60Hz		Million
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT40) Mode	5190MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10379.941	24.51	26.13	50.64	68.30	-17.66	peak
2 *	10380.357	14.96	26.13	41.09	54.00	-12.91	AVG

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		MUR
Ant. Pol.	Vertical	THU .	The same of the sa
Test Mode:	TX 802.11n(HT40) Mode	e 5190MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10380.255	14.93	26.13	41.06	54.00	-12.94	AVG
2	10380.286	22.75	26.13	48.88	68.30	-19.42	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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_	A I MA TO BE AND RESTORED.			
Tempe	rature:	26℃	Relative Humidity:	54%
Test Vo	oltage:	AC 120V/60Hz		
Ant. Po	ol.	Horizontal		
Test M	ode:	TX 802.11n(HT40) Mode	5230MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10459.852	15.04	26.29	41.33	54.00	-12.67	AVG
2	10460.073	22.51	26.29	48.80	68.30	-19.50	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Ja U
Ant. Pol.	Vertical		WUD?
Test Mode:	TX 802.11n(HT40) Mode	5230MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10460.058	21.76	26.29	48.05	68.30	-20.25	peak
2 *	10460.245	15.09	26.29	41.38	54.00	-12.62	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ac(VHT40) Mo	de 5190MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10379.456	16.85	26.12	42.97	54.00	-11.03	AVG
2	10380.043	25.97	26.13	52.10	68.30	-16.20	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Ja U
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mo	de 5190MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10379.564	16.81	26.13	42.94	54.00	-11.06	AVG
2	10380.686	25.06	26.14	51.20	68.30	-17.10	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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NIAIR			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	COLUMN TO A STATE OF THE PARTY	Unnig
Ant. Pol.	Horizontal	70	TO THE REAL PROPERTY.
Test Mode:	TX 802.11ac(VHT40) N	Mode 5230MHz (U-NII-1)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10459.532	25.01	26.29	51.30	68.30	-17.00	peak
2 *	10459.790	16.95	26.29	43.24	54.00	-10.76	AVG

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		6
Test Mode:	TX 802.11ac(VHT40) Mo	de 5230MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10460.097	14.93	26.29	41.22	54.00	-12.78	AVG
2	10460.373	25.03	26.29	51.32	68.30	-16.98	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ax(VHT40) Mo	de 5190MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10380.060	14.86	26.13	40.99	54.00	-13.01	AVG
2	10380.426	23.48	26.14	49.62	68.30	-18.68	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		U D
Ant. Pol.	Vertical		WILD T
Test Mode:	TX 802.11ax(VHT40) Mo	de 5190MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10380.242	14.84	26.13	40.97	54.00	-13.03	AVG
2	10380.271	22.01	26.13	48.14	68.30	-20.16	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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NIAIR			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	COLUMN TO A STATE OF THE PARTY	Unna
Ant. Pol.	Horizontal	70	
Test Mode:	TX 802.11ax(VHT40) N	Mode 5230MHz (U-NII-1)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10460.179	14.99	26.29	41.28	54.00	-12.72	AVG
2	10460.293	23.09	26.29	49.38	68.30	-18.92	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		0
Test Mode:	TX 802.11ax(VHT40) Mo	de 5230MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10460.097	14.93	26.29	41.22	54.00	-12.78	AVG
2	10460.373	25.03	26.29	51.32	68.30	-16.98	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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IN A MARK AND A SECOND			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	W.D	Unna
Ant. Pol.	Horizontal	7	TO THE REAL PROPERTY.
Test Mode:	TX 802.11ac(VHT80) Mo	ode 5210MHz (U-NII-1)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10419.522	24.97	26.23	51.20	68.30	-17.10	peak
2 *	10419.570	16.89	26.23	43.12	54.00	-10.88	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mc	de 5210MHz (U-NII-1)	N. W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10419.138	16.93	26.23	43.16	54.00	-10.84	AVG
2	10420.472	24.98	26.23	51.21	68.30	-17.09	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11ax(VHT80) Mo	de 5210MHz (U-NII-1)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10420.295	23.05	26.23	49.28	68.30	-19.02	peak
2 *	10420.362	14.98	26.23	41.21	54.00	-12.79	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical					
Test Mode:	TX 802.11ax(VHT80) Mode 5210MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10420.154	23.40	26.23	49.63	68.30	-18.67	peak
2 *	10420.484	14.91	26.23	41.14	54.00	-12.86	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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5260MHz-5320MHz(U-NII-2A)

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal	A US	
Test Mode:	TX 802.11a Mode 5260M	IHz (U-NII-2A)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	l .	Margin (dB)	Detector
1 *	10520.147	29.92	16.36	46.28	54.00	-7.72	AVG
2	10520.237	40.82	16.36	57.18	68.30	-11.12	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical	WILLIAM S				
Test Mode:	TX 802.11a Mode 5260MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10520.208	25.82	16.36	42.18	54.00	-11.82	AVG
2	10520.357	37.59	16.36	53.95	68.30	-14.35	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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NIAIR.			
Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		Unnig
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11a Mode 53	00MHz (U-NII-2A)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	I	Margin (dB)	Detector
1	10600.288	38.49	16.32	54.81	68.30	-13.49	peak
2 *	10600.374	27.49	16.32	43.81	54.00	-10.19	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

26℃	Relative Humidity:	55%
AC 120V/60Hz	70	
Vertical	WILLIAM >	THU
TX 802.11a Mode 5300M	IHz (U-NII-2A)	
	AC 120V/60Hz Vertical	AC 120V/60Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10600.106	27.49	16.32	43.81	54.00	-10.19	AVG
2	10600.238	39.96	16.32	56.28	68.30	-12.02	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	55%
	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	0	
F	Test Mode:	TX 802.11a Mode 5320M	IHz (U-NII-2A)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10640.187	26.96	16.54	43.50	54.00	-10.50	AVG
2	10640.250	39.73	16.55	56.28	68.30	-12.02	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

26℃	Relative Humidity:	55%
AC 120V/60Hz	100	
Vertical	WILLIAM -	THU
TX 802.11a Mode 5320M	IHz (U-NII-2A)	
	AC 120V/60Hz Vertical	AC 120V/60Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10640.147	38.94	16.54	55.48	68.30	-12.82	peak
2 *	10640.358	26.73	16.55	43.28	54.00	-10.72	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	MALINA THE COMPANY			
	Temperature:	26℃	Relative Humidity:	54%
	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11n(HT20) Mode	5260MHz (U-NII-2A)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10519.645	23.89	26.36	50.25	68.30	-18.05	peak
2 *	10519.656	14.99	26.36	41.35	54.00	-12.65	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	MILLER	
Test Mode:	TX 802.11n(HT20) Mode	5260MHz (U-NII-2A)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10519.982	14.93	26.36	41.29	54.00	-12.71	AVG
2	10520.024	27.69	26.36	54.05	68.30	-14.25	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT20) Mode	5300MHz (U-NII-2A)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10599.915	14.54	26.32	40.86	54.00	-13.14	AVG
2	10600.243	23.49	26.32	49.81	68.30	-18.49	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM S	THU
Test Mode:	TX 802.11n(HT20) Mode	5300MHz (U-NII-2A)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10599.759	14.52	26.32	40.84	54.00	-13.16	AVG
2	10599.808	25.23	26.32	51.55	68.30	-16.75	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
 The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	anil)	Milia
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11n(HT20) Mode	e 5320MHz (U-NII-2A)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.747	14.37	26.54	40.91	54.00	-13.09	AVG
2	10639.885	22.75	26.54	49.29	68.30	-19.01	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode	5320MHz (U-NII-2A)	N. W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10640.150	14.40	26.54	40.94	54.00	-13.06	AVG
2	10640.373	21.93	26.55	48.48	68.30	-19.82	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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-				
	Temperature:	26℃	Relative Humidity:	54%
	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
1	Test Mode:	TX 802.11ac(VHT20) Mo	de 5260MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10519.975	24.96	26.36	51.32	68.30	-16.98	peak
2 *	10520.191	15.00	26.36	41.36	54.00	-12.64	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	70	
Ant. Pol.	Vertical	WILLIAM -	THU
Test Mode:	TX 802.11ac(VHT20) Mo	de 5260MHz (U-NII-2A	A) ((1) (1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10519.617	23.06	26.36	49.42	68.30	-18.88	peak
2 *	10519.915	15.01	26.36	41.37	54.00	-12.63	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
Ĭ	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	a w	
	Test Mode:	TX 802.11ac(VHT20) Mo	de 5300MHz (U-NII-2A	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10600.284	22.09	26.32	48.41	68.30	-19.89	peak
2 *	10600.312	14.56	26.32	40.88	54.00	-13.12	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mc	de 5300MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10600.012	14.54	26.32	40.86	54.00	-13.14	AVG
2	10600.427	22.15	26.32	48.47	68.30	-19.83	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11 ac(VHT20) Mo	ode 5320MHz (U-NII-2/	4)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.732	14.37	26.54	40.91	54.00	-13.09	AVG
2	10639.874	24.52	26.54	51.06	68.30	-17.24	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	THURS	
Test Mode:	TX 802.11ac(VHT20) Mo	de 5320MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10640.296	14.36	26.55	40.91	54.00	-13.09	AVG
2	10640.450	23.48	26.55	50.03	68.30	-18.27	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	MI MAIN MARK			
	Temperature:	26℃	Relative Humidity:	54%
Ĭ	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	a w	
	Test Mode:	TX 802.11ax(VHT20) Mo	de 5260MHz (U-NII-2A	4)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10520.020	22.62	26.36	48.98	68.30	-19.32	peak
2 *	10520.156	14.98	26.36	41.34	54.00	-12.66	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		MAG
Test Mode:	TX 802.11ax(VHT20) Mo	de 5260MHz (U-NII-2A	A) ((1))

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10520.174	14.97	26.36	41.33	54.00	-12.67	AVG
2	10520.269	23.56	26.36	49.92	68.30	-18.38	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an:D	Unna
Ant. Pol.	Horizontal		TO THE REAL PROPERTY.
Test Mode:	TX 802.11ax(VHT20) I	Mode 5300MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10600.171	22.15	26.32	48.47	68.30	-19.83	peak
2 *	10600.299	14.41	26.32	40.73	54.00	-13.27	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT20) Mo	de 5300MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10600.204	14.98	26.32	41.30	54.00	-12.70	AVG
2	10600.321	22.41	26.32	48.73	68.30	-19.57	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an B	Unnig
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11 ax(VHT20) M	ode 5320MHz (U-NII-2/	A)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10640.230	14.23	26.54	40.77	54.00	-13.23	AVG
2	10640.283	23.65	26.55	50.20	68.30	-18.10	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	THURS	
Test Mode:	TX 802.11ax(VHT20) Mo	de 5320MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.711	14.22	26.54	40.76	54.00	-13.24	AVG
2	10640.386	21.72	26.55	48.27	68.30	-20.03	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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NIAIR			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Unna
Ant. Pol.	Horizontal		TO THE REAL PROPERTY.
Test Mode:	TX 802.11n(HT40) Mod	e 5270MHz (U-NII-2A)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10540.065	22.05	26.34	48.39	68.30	-19.91	peak
2 *	10540.373	14.85	26.34	41.19	54.00	-12.81	AVG

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Ja U
Ant. Pol.	Vertical		WUD?
Test Mode:	TX 802.11n(HT40) Mode	5270MHz (U-NII-2A)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10539.718	22.00	26.34	48.34	68.30	-19.96	peak
2 *	10540.165	14.89	26.34	41.23	54.00	-12.77	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an:D	W. W.
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11n(HT40) Mode	5310MHz (U-NII-2A)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10620.165	22.42	26.44	48.86	68.30	-19.44	peak
2 *	10620.219	14.56	26.44	41.00	54.00	-13.00	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11n(HT40) Mode	5310MHz (U-NII-2A)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10619.970	14.55	26.44	40.99	54.00	-13.01	AVG
2	10619.977	22.12	26.44	48.56	68.30	-19.74	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	WALL TO K TO SECOND			
	Temperature:	26℃	Relative Humidity:	54%
Ĭ	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	a w	
	Test Mode:	TX 802.11ac(VHT40) Mo	de 5270MHz (U-NII-2A	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10540.026	16.72	26.34	43.06	54.00	-10.94	AVG
2	10540.604	25.02	26.34	51.36	68.30	-16.94	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		THU
Ant. Pol.	Vertical	The same	
Test Mode:	TX 802.11ac(VHT40) Mo	de 5270MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10540.632	25.02	26.34	51.36	68.30	-16.94	peak
2 *	10540.912	16.75	26.34	43.09	54.00	-10.91	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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į,	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ac(VHT40) Mo	de 5310MHz (U-NII-2A)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10619.498	16.42	26.44	42.86	54.00	-11.14	AVG
2	10620.626	25.71	26.44	52.15	68.30	-16.15	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	The same
Test Mode:	TX 802.11ac(VHT40) Mo	de 5310MHz (U-NII-2A	(i)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10619.178	16.40	26.44	42.84	54.00	-11.16	AVG
2	10619.314	23.03	26.44	49.47	68.30	-18.83	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal	7	
	Test Mode:	TX 802.11ax(VHT40) Mo	de 5270MHz (U-NII-2A	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10540.086	14.81	26.34	41.15	54.00	-12.85	AVG
2	10540.336	24.96	26.34	51.30	68.30	-17.00	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		TIVU
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT40) Mo	de 5270MHz (U-NII-2A	1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10540.088	24.05	26.34	50.39	68.30	-17.91	peak
2 *	10540.306	14.74	26.34	41.08	54.00	-12.92	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
	Test Voltage:	AC 120V/60Hz		Million
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ax(VHT40) Mo	de 5310MHz (U-NII-2A	.)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10620.214	21.78	26.44	48.22	68.30	-20.08	peak
2 *	10620.478	14.41	26.44	40.85	54.00	-13.15	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11ax(VHT40) Mo	de 5310MHz (U-NII-2A	(1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10620.283	23.87	26.44	50.31	68.30	-17.99	peak
2 *	10620.350	14.40	26.44	40.84	54.00	-13.16	AVG

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11ac(VHT80) Mo	de 5290MHz (U-NII-2A	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10579.426	16.55	26.32	42.87	54.00	-11.13	AVG
2	10580.888	24.24	26.32	50.56	68.30	-17.74	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11ac(VHT80) Mo	de 5290MHz (U-NII-2A	n) (11)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10580.378	16.59	26.32	42.91	54.00	-11.09	AVG
2	10580.390	22.08	26.32	48.40	68.30	-19.90	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		White the same of
	Ant. Pol.	Horizontal	100	
	Test Mode:	TX 802.11ax(VHT80) Mo	de 5290MHz (U-NII-2A	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10580.243	22.88	26.32	49.20	68.30	-19.10	peak
2 *	10580.479	14.66	26.32	40.98	54.00	-13.02	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	The same
Test Mode:	TX 802.11ax(VHT80) Mo	de 5290MHz (U-NII-2A	(I)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10580.269	22.19	26.32	48.51	68.30	-19.79	peak
2 *	10580.470	14.66	26.32	40.98	54.00	-13.02	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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5500MHz-5720MHz(U-NII-2C)

Temperature:	26 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5500M	1Hz (U-NII-2C)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11000.105	38.64	17.64	56.28	68.30	-12.02	peak
2 *	11000.369	25.58	17.64	43.22	54.00	-10.78	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		MUL
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5500N	MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11000.147	25.88	17.64	43.52	54.00	-10.48	AVG
2	11000.325	38.74	17.64	56.38	68.30	-11.92	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz	MUDE	Marie Control
Ant. Pol.	Horizontal	ann's s	anne
Test Mode:	TX 802.11a Mode 5580N	MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11160.147	23.97	17.31	41.28	54.00	-12.72	AVG
2	11160.258	37.07	17.31	54.38	68.30	-13.92	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5580N	MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)	I	Margin (dB)	Detector
1 *	11160.258	24.95	17.31	42.26	54.00	-11.74	AVG
2	11160.325	37.58	17.31	54.89	68.30	-13.41	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	0	
F	Test Mode:	TX 802.11a Mode 5700M	IHz (U-NII-2C)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11399.522	25.13	28.41	53.54	68.30	-14.76	peak
2 *	11399.949	14.96	28.41	43.37	54.00	-10.63	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz					
Ant. Pol.	Vertical		N. C.				
Test Mode:	TX 802.11a Mode 5700M	1Hz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11400.252	23.12	28.41	51.53	68.30	-16.77	peak
2 *	11400.447	14.92	28.41	43.33	54.00	-10.67	AVG

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	anil)	W. W.
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11n(HT20) Mode	5500MHz (U-NII-2C)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11000.185	14.52	27.64	42.16	54.00	-11.84	AVG
2	11000.337	23.08	27.64	50.72	68.30	-17.58	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11 n(HT20) Mode	e 5500MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11000.048	14.47	27.64	42.11	54.00	-11.89	AVG
2	11000.266	23.67	27.64	51.31	68.30	-16.99	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT20) Mode	5580MHz (U-NII-2C)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10159.716	25.00	25.65	50.65	68.30	-17.65	peak
2 *	10159.978	14.58	25.66	40.24	54.00	-13.76	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

26 ℃	Relative Humidity:	54%
AC 120V/60Hz		
Vertical	WILLIAM S	MAG
TX 802.11n(HT20) Mode	5580MHz (U-NII-2C)	
	AC 120V/60Hz Vertical	AC 120V/60Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10159.944	14.57	25.66	40.23	54.00	-13.77	AVG
2	10160.298	22.87	25.66	48.53	68.30	-19.77	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Unive
Ant. Pol.	Horizontal		TO VICE
Test Mode:	TX 802.11n(HT20) Mod	e 5700MHz (U-NII-2C)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11400.275	14.94	28.41	43.35	54.00	-10.65	AVG
2	11400.430	22.89	28.41	51.30	68.30	-17.00	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		11 V
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode	5700MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11400.168	14.91	28.41	43.32	54.00	-10.68	AVG
2	11400.194	21.93	28.41	50.34	68.30	-17.96	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	55%
Ĭ	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	a w	
	Test Mode:	TX 802.11ac(VHT20) Mo	de 5500MHz (U-NII-20	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11000.258	24.74	17.64	42.38	54.00	-11.62	AVG
2	11000.361	38.64	17.64	56.28	68.30	-12.02	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60Hz						
Ant. Pol.	Vertical		The same				
Test Mode:	TX 802.11 ac(VHT20) M	TX 802.11 ac(VHT20) Mode 5500MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11000.235	38.57	17.64	56.21	68.30	-12.09	peak
2 *	11000.368	26.18	17.64	43.82	54.00	-10.18	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	55%
N	Test Voltage:	AC 120V/60Hz		Million
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11 ac(VHT20) Mo	ode 5580MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11160.108	25.97	17.31	43.28	54.00	-10.72	AVG
2	11160.338	39.07	17.31	56.38	68.30	-11.92	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11 ac(VHT20) M	ode 5580MHz (U-NII-20	C)

	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
ľ	1 *	11160.247	25.90	17.31	43.21	54.00	-10.79	AVG
	2	11160.340	39.50	17.31	56.81	68.30	-11.49	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz	MUDE	The same of the sa
Ant. Pol.	Horizontal	ann's s	anne
Test Mode:	TX 802.11 ac(VHT20) M	ode 5700MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11400.109	24.24	18.41	42.65	54.00	-11.35	AVG
2	11400.354	38.43	18.41	56.84	68.30	-11.46	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11 ac(VHT20) M	ode 5700MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11400.144	25.20	18.41	43.61	54.00	-10.39	AVG
2	11400.217	38.40	18.41	56.81	68.30	-11.49	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ax(VHT20) Mo	de 5500MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11000.274	14.37	27.64	42.01	54.00	-11.99	AVG
2	11000.312	22.23	27.64	49.87	68.30	-18.43	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		NO.
Test Mode:	TX 802.11 ax(VHT20) M	ode 5500MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11000.299	21.50	27.64	49.14	68.30	-19.16	peak
2 *	11000.394	14.34	27.64	41.98	54.00	-12.02	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
	Test Voltage:	AC 120V/60Hz		Million
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11 ax(VHT20) Mo	ode 5580MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11160.108	22.50	27.31	49.81	68.30	-18.49	peak
2 *	11160.193	14.68	27.31	41.99	54.00	-12.01	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		MU
Test Mode:	TX 802.11 ax(VHT20) Mo	ode 5580MHz (U-NII-20	C) (1)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11159.992	14.74	27.31	42.05	54.00	-11.95	AVG
2	11160.192	23.31	27.31	50.62	68.30	-17.68	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	MUDIA	
Ant. Pol.	Horizontal	ann's b	and the
Test Mode:	TX 802.11 ax(VHT20) M	ode 5700MHz (U-NII-2	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11399.989	23.14	28.41	51.55	68.30	-16.75	peak
2 *	11400.271	14.75	28.41	43.16	54.00	-10.84	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%			
Test Voltage:	AC 120V/60Hz		THE STATE OF THE S			
Ant. Pol.	Vertical					
Test Mode:	TX 802.11 ax(VHT20) Mode 5700MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11400.188	14.79	28.41	43.20	54.00	-10.80	AVG
2	11400.409	22.15	28.41	50.56	68.30	-17.74	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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WILLIAM FRANCE			
Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode	5510MHz (U-NII-2C)	W.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11020.187	22.70	27.55	50.25	68.30	-18.05	peak
2 *	11020.256	14.72	27.55	42.27	54.00	-11.73	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		TYU
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode	5510MHz (U-NII-2C)	100

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11019.931	22.82	27.56	50.38	68.30	-17.92	peak
2 *	11020.009	14.78	27.56	42.34	54.00	-11.66	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	MUDE	The same
Ant. Pol.	Horizontal	anis y	The state of the s
Test Mode:	TX 802.11n(HT40) Mode	5550MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11099.887	15.01	27.23	42.24	54.00	-11.76	AVG
2	11100.114	22.80	27.23	50.03	68.30	-18.27	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

26℃	Relative Humidity:	54%
AC 120V/60Hz		
Vertical		
TX 802.11n(HT40) Mode	5550MHz (U-NII-2C)	
	AC 120V/60Hz Vertical	AC 120V/60Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11100.232	24.24	27.23	51.47	68.30	-16.83	peak
2 *	11100.314	15.03	27.23	42.26	54.00	-11.74	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT40) Mode	5670MHz (U-NII-2C)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11299.853	23.78	28.30	52.08	68.30	-16.22	peak
2 *	11299.984	14.52	28.30	42.82	54.00	-11.18	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11n(HT40) Mode	5670MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11300.055	22.25	28.30	50.55	68.30	-17.75	peak
2 *	11300.348	14.51	28.30	42.81	54.00	-11.19	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
F	Test Mode:	TX 802.11ac(VHT40) Mo	de 5510MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11019.798	24.04	27.56	51.60	68.30	-16.70	peak
2 *	11020.212	16.62	27.55	44.17	54.00	-9.83	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	
Test Mode:	TX 802.11ac(VHT40) Mo	de 5510MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11019.766	22.96	27.56	50.52	68.30	-17.78	peak
2 *	11020.036	13.74	27.56	41.30	54.00	-12.70	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
E .	Test Mode:	TX 802.11ac(VHT40) Mo	de 5550MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11099.546	16.88	27.23	44.11	54.00	-9.89	AVG
2	11100.100	23.36	27.23	50.59	68.30	-17.71	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mo	de 5550MHz (U-NII-2C	(;)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11100.370	16.86	27.23	44.09	54.00	-9.91	AVG
2	11100.830	23.77	27.23	51.00	68.30	-17.30	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
3	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ac(VHT40) Mo	de 5670MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11339.546	23.35	28.35	51.70	68.30	-16.60	peak
2 *	11340.196	16.48	28.35	44.83	54.00	-9.17	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11ac(VHT40) Mo	de 5670MHz (U-NII-20	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11339.812	16.48	28.35	44.83	54.00	-9.17	AVG
2	11340.060	22.64	28.35	50.99	68.30	-17.31	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
N	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal	7	
	Test Mode:	TX 802.11ax(VHT40) Mo	de 5510MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11020.193	14.62	27.55	42.17	54.00	-11.83	AVG
2	11020.277	22.73	27.55	50.28	68.30	-18.02	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	
Test Mode:	TX 802.11ax(VHT40) Mo	de 5510MHz (U-NII-2C	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11020.043	14.67	27.56	42.23	54.00	-11.77	AVG
2	11020.449	23.66	27.55	51.21	68.30	-17.09	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
/	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ax(VHT40) Mo	de 5550MHz (U-NII-20	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11100.097	22.33	27.23	49.56	68.30	-18.74	peak
2 *	11100.180	14.94	27.23	42.17	54.00	-11.83	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT40) Mo	de 5550MHz (U-NII-2C	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11100.211	14.89	27.23	42.12	54.00	-11.88	AVG
2	11100.293	23.50	27.23	50.73	68.30	-17.57	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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- 1				
	Temperature:	26℃	Relative Humidity:	54%
8	Test Voltage:	AC 120V/60Hz		
	Ant. Pol.	Horizontal		
E .	Test Mode:	TX 802.11ax(VHT40) Mo	de 5670MHz (U-NII-20	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11340.107	14.54	28.35	42.89	54.00	-11.11	AVG
2	11340.224	22.27	28.35	50.62	68.30	-17.68	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

26℃	Relative Humidity:	54%			
AC 120V/60Hz					
Vertical	WILLIAM STATE	The same			
TX 802.11ax(VHT40) Mo	de 5670MHz (U-NII-2C				
	AC 120V/60Hz Vertical	AC 120V/60Hz			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11340.181	14.52	28.35	42.87	54.00	-11.13	AVG
2	11340.420	22.56	28.35	50.91	68.30	-17.39	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%			
V	Test Voltage:	AC 120V/60Hz					
	Ant. Pol.	Horizontal					
	Test Mode:	TX 802.11ac(VHT80) Mo	de 5530MHz (U-NII-20	()			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11059.544	16.75	27.39	44.14	54.00	-9.86	AVG
2	11059.964	22.50	27.39	49.89	68.30	-18.41	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%			
Test Voltage: AC 120V/60Hz						
Ant. Pol.	Vertical		MUDE			
Test Mode:	TX 802.11ac(VHT80) Mc	de 5530MHz (U-NII-20				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11059.906	16.78	27.39	44.17	54.00	-9.83	AVG
2	11060.238	24.98	27.39	52.37	68.30	-15.93	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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WILLIAM FRANCE							
Temperature:	26℃	Relative Humidity:	54%				
Test Voltage:	AC 120V/60Hz		William .				
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX 802.11ac(VHT80) Mo	de 5610MHz (U-NII-20	C)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11220.326	16.61	27.57	44.18	54.00	-9.82	AVG
2	11220.924	23.79	27.57	51.36	68.30	-16.94	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%					
Test Voltage:	AC 120V/60Hz	C 120V/60Hz						
Ant. Pol.	Vertical							
Test Mode:	TX 802.11ac(VHT80) Mo	de 5610MHz (U-NII-20						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11220.154	22.48	27.57	50.05	68.30	-18.25	peak
2 *	11220.636	13.48	27.57	41.05	54.00	-12.95	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		W. W.
Ant. Pol.	Horizontal	0	
Test Mode:	TX 802.11ax(VHT80) Mo	de 5530MHz (U-NII-20	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11060.391	14.81	27.39	42.20	54.00	-11.80	AVG
2	11060.415	22.77	27.39	50.16	68.30	-18.14	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	A Min	
Ant. Pol.	Vertical		MUDE
Test Mode:	TX 802.11ax(VHT80) Mo	de 5530MHz (U-NII-20	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11060.282	14.83	27.39	42.22	54.00	-11.78	AVG
2	11060.319	24.31	27.39	51.70	68.30	-16.60	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal	A US	
Test Mode:	TX 802.11ax(VHT80) Mo	de 5610MHz (U-NII-20	()

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11219.744	22.63	27.56	50.19	68.30	-18.11	peak
2 *	11220.091	14.59	27.57	42.16	54.00	-11.84	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	
Test Mode:	TX 802.11ax(VHT80) Mo	de 5610MHz (U-NII-2C	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11220.070	14.60	27.57	42.17	54.00	-11.83	AVG
2	11220.202	22.95	27.57	50.52	68.30	-17.78	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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5745MHz-5825MHz(U-NII-3)

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		William Control
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745	MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.724	25.52	28.30	53.82	68.30	-14.48	peak
2 *	11490.427	15.40	28.30	43.70	54.00	-10.30	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11a Mode 5745M	IHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11490.086	23.70	28.30	52.00	68.30	-16.30	peak
2 *	11490.170	15.42	28.30	43.72	54.00	-10.28	AVG

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
N	Test Voltage:	AC 120V/60Hz		Million
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11a Mode 5785M	IHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11569.924	22.46	27.96	50.42	68.30	-17.88	peak
2 *	11570.263	15.61	27.96	43.57	54.00	-10.43	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	N. W.	
Ant. Pol.	Vertical		The second
Test Mode:	TX 802.11a Mode 5785N	1Hz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11569.981	22.63	27.96	50.59	68.30	-17.71	peak
2 *	11570.205	15.62	27.96	43.58	54.00	-10.42	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11a Mode 5825M	IHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11649.752	15.45	27.83	43.28	54.00	-10.72	AVG
2	11649.973	23.21	27.83	51.04	68.30	-17.26	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825M	IHz (U-NII-3)	TUU

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11649.886	15.38	27.83	43.21	54.00	-10.79	AVG
2	11650.180	23.02	27.82	50.84	68.30	-17.46	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Million
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode	5745MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.846	22.66	28.30	50.96	68.30	-17.34	peak
2 *	11490.204	15.48	28.30	43.78	54.00	-10.22	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	N. VIII	
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode	5745MHz (U-NII-3)	WURP I

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11489.510	15.45	28.31	43.76	54.00	-10.24	AVG
2	11489.598	24.20	28.31	52.51	68.30	-15.79	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		W. W.
Ant. Pol.	Horizontal	A US	
Test Mode:	TX 802.11n(HT20) Mode	5785MHz (U-NII-3)	W. San

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11569.682	23.64	27.96	51.60	68.30	-16.70	peak
2 *	11569.891	15.58	27.96	43.54	54.00	-10.46	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		MUL
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode	5785MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11569.942	15.51	27.96	43.47	54.00	-10.53	AVG
2	11569.966	24.20	27.96	52.16	68.30	-16.14	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	HULL	Contract of the second
Ant. Pol.	Horizontal		A LIVE
Test Mode:	TX 802.11n(HT20) Mode	5825MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11649.624	23.59	27.83	51.42	68.30	-16.88	peak
2 *	11649.775	15.38	27.83	43.21	54.00	-10.79	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	THU THE	100
Test Mode:	TX 802.11n(HT20) Mode	5825MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11649.903	15.42	27.83	43.25	54.00	-10.75	AVG
2	11649.970	23.28	27.83	51.11	68.30	-17.19	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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í	Temperature:	26℃	Relative Humidity:	55%
ľ	Test Voltage:	AC 120V/60Hz		CATALOR OF THE PARTY OF THE PAR
	Ant. Pol.	Horizontal	1	
f	Test Mode:	TX 802.11ac(VHT20) Mo	de 5745MHz (U-NII-3)	W. Taranta

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11490.144	25.51	18.30	43.81	54.00	-10.19	AVG
2	11490.320	37.98	18.30	56.28	68.30	-12.02	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz					
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ac(VHT20)	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11490.328	35.24	18.30	53.54	68.30	-14.76	peak
2 *	11490.421	22.78	18.30	41.08	54.00	-12.92	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	55%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal	1	
	Test Mode:	TX 802.11ac(VHT20) Mo	de 5785MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11570.166	25.25	17.96	43.21	54.00	-10.79	AVG
2	11570.347	38.42	17.96	56.38	68.30	-11.92	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60Hz	C 120V/60Hz						
Ant. Pol.	Vertical	WILLIAM STATE						
Test Mode:	TX 802.11ac(VHT20) Mo	de 5785MHz (U-NII-3)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11570.140	25.25	17.96	43.21	54.00	-10.79	AVG
2	11570.327	38.32	17.96	56.28	68.30	-12.02	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	55%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ac(VHT20) Mo	de 5825MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11650.108	38.39	17.82	56.21	68.30	-12.09	peak
2 *	11650.241	25.46	17.82	43.28	54.00	-10.72	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		N. C.
Test Mode:	TX 802.11ac(VHT20) Mc	ode 5825MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11650.247	38.82	17.82	56.14	68.30	-12.06	peak
2 *	11650.321	25.35	17.82	43.17	54.00	-10.73	AVG

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an:D	W. W.
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ax(VHT20) Mo	ode 5745MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11490.244	15.29	28.30	43.59	54.00	-10.41	AVG
2	11490.336	23.20	28.30	51.50	68.30	-16.80	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%				
Test Voltage:	AC 120V/60Hz	C 120V/60Hz					
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ax(VHT20) Mc	de 5745MHz (U-NII-3)	TO U				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11490.186	15.29	28.30	43.59	54.00	-10.41	AVG
2	11490.320	22.88	28.30	51.18	68.30	-17.12	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		Ullive
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ax(VHT20) Mc	de 5785MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11570.049	15.47	27.96	43.43	54.00	-10.57	AVG
2	11570.356	23.46	27.96	51.42	68.30	-16.88	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	
Test Mode:	TX 802.11ax(VHT20) Mo	de 5785MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)		Limit (dBuV/m)	Margin (dB)	Detector
1 *	11570.242	15.46	27.96	43.42	54.00	-10.58	AVG
2	11570.416	25.81	27.96	53.77	68.30	-14.53	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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e	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ax(VHT20) Mo	de 5825MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11650.178	15.32	27.82	43.14	54.00	-10.86	AVG
2	11650.219	22.96	27.82	50.78	68.30	-17.52	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11ax(VHT20) Mo	de 5825MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11650.118	15.30	27.82	43.12	54.00	-10.88	AVG
2	11650.235	23.25	27.82	51.07	68.30	-17.23	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT40) Mode	5755MHz (U-NII-3)	WU -

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11510.184	23.98	28.24	52.22	68.30	-16.08	peak
2 *	11510.325	15.53	28.24	43.77	54.00	-10.23	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		The same
Test Mode:	TX 802.11n(HT40) Mode	5755MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11509.716	24.59	28.24	52.83	68.30	-15.47	peak
2 *	11509.958	15.56	28.24	43.80	54.00	-10.20	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
V	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11n(HT40) Mode	5795MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11589.631	15.58	27.87	43.45	54.00	-10.55	AVG
2	11589.792	23.09	27.87	50.96	68.30	-17.34	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	N. VIII	
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode	5795MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11589.876	15.58	27.87	43.45	54.00	-10.55	AVG
2	11590.208	24.26	27.87	52.13	68.30	-16.17	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an in	Ullive
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ac(VHT40) Mc	de 5755MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11510.302	24.20	28.24	52.44	68.30	-15.86	peak
2 *	11510.614	15.28	28.24	43.52	54.00	-10.48	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	N. C.
Test Mode:	TX 802.11ac(VHT40) Mo	de 5755MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11510.260	24.46	28.24	52.70	68.30	-15.60	peak
2 *	11510.622	17.37	28.24	45.61	54.00	-8.39	AVG

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	an in	
Ant. Pol.	Horizontal	7	
Test Mode:	TX 802.11ac(VHT40) Mc	de 5795MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11510.316	23.21	28.24	51.45	68.30	-16.85	peak
2 *	11510.618	13.11	28.24	41.35	54.00	-12.65	AVG

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	THU	
Ant. Pol.	Vertical		The state of the s
Test Mode:	TX 802.11ac(VHT40) Mo	de 5795MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11510.044	17.38	28.24	45.62	54.00	-8.38	AVG
2	11510.522	24.54	28.24	52.78	68.30	-15.52	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
 4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ax(VHT40) Mc	de 5755MHz (U-NII-3)	NU.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11510.031	24.28	28.24	52.52	68.30	-15.78	peak
2 *	11510.307	15.42	28.24	43.66	54.00	-10.34	AVG

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	WILLIAM STATE	
Test Mode:	TX 802.11ax(VHT40) Mo	de 5755MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11510.022	15.38	28.24	43.62	54.00	-10.38	AVG
2	11510.242	21.78	28.24	50.02	68.30	-18.28	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		William.
	Ant. Pol.	Horizontal		
P	Test Mode:	TX 802.11ax(VHT40) Mo	de 5795MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11589.953	15.45	27.87	43.32	54.00	-10.68	AVG
2	11590.153	23.35	27.87	51.22	68.30	-17.08	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dBµV/m)-Limit PK/AVG(dBµV/m)

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	THU .	
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ax(VHT40) Mo	ode 5795MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11590.173	15.47	27.87	43.34	54.00	-10.66	AVG
2	11590.251	23.00	27.87	50.87	68.30	-17.43	peak

- Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
 Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated1-40GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%
1	Test Voltage:	AC 120V/60Hz		William .
	Ant. Pol.	Horizontal		
	Test Mode:	TX 802.11ac(VHT80) Mo	de 5775MHz (U-NII-3)	W

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11550.402	17.47	28.05	45.52	54.00	-8.48	AVG
2	11550.558	24.26	28.05	52.31	68.30	-15.99	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	N. C.	
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mo	de 5775MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11550.278	17.43	28.05	45.48	54.00	-8.52	AVG
2	11550.326	24.38	28.05	52.43	68.30	-15.87	peak

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.





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	Temperature:	26℃	Relative Humidity:	54%	
	Test Voltage:	AC 120V/60Hz		MAIN	
	Ant. Pol.	Horizontal	7		
	Test Mode:	TX 802.11ax(VHT80) Mode 5775MHz (U-NII-3)			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11219.969	14.67	27.57	42.24	54.00	-11.76	AVG
2	11220.235	24.56	27.57	52.13	68.30	-16.17	peak

Remark:

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	26℃	Relative Humidity:	54%		
Test Voltage:	AC 120V/60Hz	N. W.			
Ant. Pol.	Vertical		D W		
Test Mode:	TX 802.11ax(VHT80) Mode 5775MHz (U-NII-3)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11220.129	14.58	27.57	42.15	54.00	-11.85	AVG
2	11220.322	23.20	27.57	50.77	68.30	-17.53	peak

Remark

- 1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
- 2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
- 3. Margin (dB) = Peak/AVG (dB μ V/m)-Limit PK/AVG(dB μ V/m)
- 4. The tests evaluated 1-40 GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40 GHz.
- 5. No report for the emission which more than 20dB below the prescribed limit.

----END OF REPORT-----