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RF Test Report FCC ID: 2AJTU-NS30

Report No.	:	TBR-C-202306-0191-41
Applicant	1:1	South Surveying & Mapping Technology Co., Ltd.
Equipment Under	Test	E(EUT)
EUT Name	-	Total station
Model No.	-	NS30
Series Model No.	1	NS50, NS90, KA05, KA10, Arc One, Nexis, TS-R900, eTS8, eTS10
Brand Name		SOUTH, KOLIDA, SANDING, RUIDE, TIANYU, SinoGNSS, e-Survey
Sample ID	:	202306-0191-1-1# & 202306-0191-1-2#
Receipt Date	:	2023-06-30
Test Date	ż	2023-06-30 to 2023-08-23
Issue Date	1	2023-08-23
Standards	:	FCC Part 15 Subpart E 15.407
Test Method	01	ANSI C63.10: 2013 KDB 789033 D02 General UNII Test Procedures New Rules v02r01 KDB 662911 D01 Multiple Transmitter Output v02r01
Conclusions	1.9	PASS
		In the configuration tested, the EUT complied with the standards specified above.
Witness Engineer		: Seven Was
Engineer Supervis	or	: WAN SU SUNANSUN ??

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.

Ray Lai

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TB-RF-074-1.0



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Revision History

Report No.	Version	Description	Issued Date
TBR-C-202306-0191-41	Rev.01	Initial issue of report	2023-08-23
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1. General Information about EUT

1.1 Client Information

Applicant	:	South Surveying & Mapping Technology Co., Ltd.
Address	:	No.39, Sicheng Road, Tian He District, Guangzhou, China
Manufacturer	:	South Surveying & Mapping Technology Co., Ltd.
Address	:	No.39, Sicheng Road, Tian He District, Guangzhou, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	2	Total station	A LEND
Models No.		NS30, NS50, NS90, K eTS10	A05, KA10, Arc One, Nexis, TS-R900, eTS8,
Model Different		All PCB boards and ci difference is that appe	rcuit diagrams are the same, the only earance color.
Product Description			40MHz, U-NII-2A: 5260MHz~5320MHz 5700MHz, U-NII-3: 5745MHz~5825MHz 802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM) 802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 150Mbps 802.11ac: at most 433.3 Mbps
Power Rating		Input: 100-240V~ 50/6 Output: 12V2A DC 7.4V 5400mAh Re	oOHz echargeable Li-ion battery
Software Version		Android 11	
Hardware Version		CT3_AB board_P1	
Remark:			

Remark:

(1) The antenna gain provided by the applicant, adapter and 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.





(4) Channel List:

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

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	5260MHz	60	5300MHz
5260~5320MHz	54	5270MHz	62	5310MHz
(U-NII-2A)	56	5280MHz	64	5320MHz
	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	5500MHz	124	5620MHz
	102	5510MHz	126	5630MHz
	104	5520MHz	128	5640MHz
	106	5530MHz	132	5660MHz
5500~5720MHz	108	5540MHz	134	5670MHz
(U-NII-2C)	110	5550MHz	136	5680MHz
	112	5560MHz	138	5690MHz
	116	5580MHz	140	5700MHz
	118	5590MHz	142	5710MHz
	120	5600MHz	144	5720MHz
	122	5610MHz		

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.

Note: For the protection of Environment, the5600-5650MHz band restricted in Canada. So the CH 188/120/122/124/126/128 was restricted use in Canada.





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

 $\label{eq:starses} For \ 20 \ MHz \ Bandwidth, use \ channel \ 149, \ 153, \ 157, \ 161, \ 165. \quad For \ 40 \ MHz \ Bandwidth, \ use \ channel \ 151, \ 159.$

For 80 MHz Bandwidth, use channel 155.

(5) Antenna information

		(U-NII-1) 5180~	5240MHz	
Antenna	Brand	Model Name	Туре	Antenna Gain(dBi)
ANT. 1	N/A	N/A	FPC	1.2
00		(U-NII-2A) 5260~	5320MHz	anB!
Antenna	Brand	Model Name	Туре	Antenna Gain(dBi)
ANT. 1	N/A	N/A	FPC	1.2
		(U-NII-2C) 5500~	5700MHz	
	GILLE			
Antenna	Brand	Model Name	Туре	Antenna Gain(dBi)
Antenna ANT. 1	Brand N/A			Antenna Gain(dBi) 1.2
		Model Name	Type FPC	
		Model Name N/A	Type FPC	



1.3 Block Diagram Showing the Configuration of System Tested

Conducted Test

1.4 Description of Support Units

	Equipment Information						
Name	Name Model FCC ID/SDOC Manufacturer Used						
Adapter				\checkmark			
		Cable Information					
Number	Shielded Type	Ferrite Core	Length	Note			
(C1-1-2)				(P.))			
Remark: The ad	dapter is provided by	y Applicant.					





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	I Test Mode	Description
	Mode 1	TX a Mode(5180MHz)
	For	r Radiated Test Below 1GHz
Fina	I Test Mode	Description
	Mode 2	TX a Mode(5180MHz)
	For Radiated	Above 1GHz and RF Conducted Test
Test Band	Final Test Mode	Description
	Mode 3	TX Mode 802.11a Mode Channel 36/40/48
	Mode 4	TX Mode 802.11n(HT20) Mode Channel 36/40/48
U-NII-1	Mode 5	TX Mode 802.11ac(VHT20) Mode Channel 36/40/48
U-INII-1	Mode 6	TX Mode 802.11n(HT40) Mode Channel 38/46
BU	Mode 7	TX Mode 802.11ac(VHT40) Mode Channel 38/46
OR	Mode 8	TX Mode 802.11ac(VHT80) Mode Channel 42
2 44	Mode 9	TX Mode 802.11a Mode Channel 52/56/64
2	Mode 10	TX Mode 802.11n(HT20) Mode Channel 52/56/64
U-NII-2A	Mode 11	TX Mode 802.11ac(VHT20) Mode Channel 52/56/64
0-NII-ZA	Mode 12	TX Mode 802.11n(HT40) Mode Channel 54/62
	Mode 13	TX Mode 802.11ac(VHT40) Mode Channel 54/62
MODE.	Mode 14	TX Mode 802.11ac(VHT80) Mode Channel 58
	Mode 15	TX Mode 802.11a Mode Channel 100/116/140
	Mode 16	TX Mode 802.11n(HT20) Mode Channel 100/116/140
U-NII-2C	Mode 17	TX Mode 802.11ac(VHT20) Mode Channel 100/116/140
0-111-20	Mode 18	TX Mode 802.11n(HT40) Mode Channel 102/110/134
	Mode 19	TX Mode 802.11ac(VHT40) Mode Channel 102/110/134
and a	Mode 20	TX Mode 802.11ac(VHT80) Mode Channel 106/122
U-NII-3	Mode 21	TX Mode 802.11a Mode Channel 149/157/165
	Mode 22	TX Mode 802.11n(HT20) Mode Channel 149/157/165





30	Mode 23	TX Mode 802.11ac(vHT20) Mode Channel 149/157/165
	Mode 24	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 25	TX Mode 802.11ac(VHT40) Mode Channel 151/159
2	Mode 26	TX Mode 802.11ac(VHT80) 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

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a portable 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.



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.

NUM D	Test Software: CMD U-NII-1				
Mode	Frequency (MHz)	Parameters			
	5180	20			
802.11a	5200	20			
	5240	20			
	5180	20			
802.11n(HT20)	5200	20			
	5240	20			
	5180	20			
802.11ac(VHT20)	5200	20			
	5240	20			
	5190	20			
802.11n(HT40)	5230	20			
	5190	20			
802.11ac(VHT40)	5230	20			
802.11ac(VHT80)	5210	18			

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U-NII-2A			
Mode	Frequency (MHz)	Parameters	
	5260	20	
802.11a	5280	20	
	5320	20	
	5260	20	
802.11n(HT20)	5280	20	
	5320	20	
COB!	5260	20	
802.11ac(VHT20)	5280	20	
	5320	20	
000 44 m (UT 40)	5270	20	
802.11n(HT40)	5310	20	
000 44 (V/UT 40)	5270	20	
802.11ac(VHT40)	5310	20	
802.11ac(VHT80)	5290	18	



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U-NII-2C			
Mode	Frequency (MHz)	Parameters	
	5500	20	
802.11a	5580	20	
	5700	20	
	5500	20	
802.11n(HT20)	5580	20	
	5700	20	
COBI	5500	20	
802.11n(HT20) 302.11ac(VHT20)	5580	20	
	5700	20	
	5510	20	
802.11n(HT40)	5550	20	
	5670	20	
	5510	20	
802.11ac(VHT40)	5550	20	
	5670	20	
	5530	18	
802.11ac(VHT80)	5610	18	



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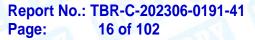
U-NII-3			
Mode	Frequency (MHz)	Parameters	
	5745	20	
802.11a	5785	20	
	5825	20	
	5745	20	
802.11n(HT20)	5785	20	
	5825	20	
COB!	5745	20	
802.11ac(VHT20)	5785	20	
	5825	20	
902 44 m/UT 40)	5755	20	
802.11n(HT40)	5795	20	
802 11oo(\/UT40)	5755	20	
802.11ac(VHT40)	5795	20	
802.11ac(VHT80)	5775	18	

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})
a Rubina	Level Accuracy:	±3.50 dB
Conducted Emission	9kHz~150kHz 150kHz to 30MHz	±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy:	±4.50 dB
	30MHz to 1000 MHz	1.30 UD
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.





2. Test Summary

Standard Section		Test Comple(s)			
FCC	Test Item	Test Sample(s)	Judgment	Remark	
FCC 15.207(a)	Conducted Emission	202306-0191-1-1#	PASS	N/A	
FCC 15.209 & 15.407(b)	Radiated Unwanted Emissions	202306-0191-1-1#	PASS	N/A	
FCC 15.203	Antenna Requirement	202306-0191-1-2#	PASS	N/A	
FCC 15.407(a)	-26dB Emission Bandwidth	202306-0191-1-2#	PASS	N/A	
FCC 15.407(a)	99% Occupied Bandwidth	202306-0191-1-2#	PASS	N/A	
FCC 15.407(e)	-6dB Min Emission Bandwidth	202306-0191-1-2#	PASS	N/A	
FCC 15.407(a)	Maximum Conducted Output Power	202306-0191-1-2#	PASS	N/A	
FCC 15.407(a)	Power Spectral Density	202306-0191-1-2#	PASS	N/A	
FCC 15.407(b)& 15.205	Emissions in Restricted Bands	202306-0191-1-2#	PASS	N/A	
FCC 15.407(b)&15.209	Conducted Unwanted Emissions	202306-0191-1-2#	PASS	N/A	
FCC 15.407(g)	Frequency Stability	202306-0191-1-2#	PASS	N/A	
	On Time and Duty Cycle	202306-0191-1-2#		N/A	

Note: N/A is an abbreviation for Not Applicable.

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	JS1120-3	Tonscend	V3.2.22





4. Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 20, 2023	Jun. 19, 2024
	Compliance	1000			
RF Switching Unit	Direction Systems	RSU-A4	34403	Jun. 20, 2023	Jun. 19, 2024
	Inc	200		CUD P	
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 20, 2023	Jun. 19, 2024
LISN	Rohde & Schwarz	ENV216	101131	Jun. 20, 2023	Jun. 19, 2024
ISN	SCHWARZBECK	NTFM 8131	8131-193	Jun. 20, 2023	Jun. 19, 2024
ISN	SCHWARZBECK	CAT3 8158	cat3 5158-0094	Jun. 20, 2023	Jun. 19, 2024
ISN	SCHWARZBECK	NTFM5158	NTFM5158 0145	Jun. 20, 2023	Jun. 19, 2024
ISN	SCHWARZBECK	CAT 8158	cat5 8158-179	Jun. 20, 2023	Jun. 19, 2024
Radiation Emissi	on Test (B Site)	·			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep.01.2022	Aug. 31, 2023
Spectrum	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
Analyzer	Konde & Schwarz	P3040-N	102197	Juli. 20, 2023	Jun. 19, 2024
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 23, 2023	Feb. 22, 2024
Bilog Antenna	SCHWARZBECK	VULB 9168	1225	Dec. 05, 2021	Dec. 04, 2023
Horn Antenna	SCHWARZBECK	BBHA 9120 D	2463	Feb. 26, 2022	Feb.25, 2024
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Jun. 26, 2022	Jun.25, 2024
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 26, 2022	Jun.25, 2024
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Sep.01.2022	Aug. 31, 2023
HF Amplifier	Tonscend	TAP051845	AP21C806141	Sep.01.2022	Aug. 31, 2023
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Sep.01.2022	Aug. 31, 2023
Highpass Filter	CD	HPM-6.4/18G		N/A	N/A
Highpass Filter	CD	HPM-2.8/18G		N/A	N/A
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
Antenna Conduc	ted Emission	·			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jun. 20, 2023	Jun. 19, 2024
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
MXA Signal Analyzer	KEYSIGHT	N9020B	MY60110172	Sep.01.2022	Aug. 31, 2023





MXA Signal Analyzer	Agilent	N9020A	MY47380425	Sep.01.2022	Aug. 31, 2023
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep.01.2022	Aug. 31, 2023
Analog Signal Generator	Agilent	N5181A	MY48180463	Sep.01.2022	Aug. 31, 2023
Vector Signal Generator	KEYSIGHT	N5182B	MY59101429	Sep.01.2022	Aug. 31, 2023
Analog Signal Generator	KEYSIGHT	N5173B	MY61252685	Sep.01.2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO26	Sep.01.2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO29	Sep.01.2022	Aug. 31, 2023
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO31	Sep.01.2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO33	Sep.01.2022	Aug. 31, 2023
RF Control Unit	Tonsced	JS0806-1	21C8060380	N/A	N/A
RF Control Unit	Tonsced	JS0806-2	21F8060439	Sep.01.2022	Aug. 31, 2023
Band Reject Filter Group	Tonsced	JS0806-F	21D8060414	Jun. 20, 2023	Jun. 19, 2024
Power Control Box	Tonsced	JS0806-4ADC	21C8060387	N/A	N/A
Wideband Radio Comunication Tester	Rohde & Schwarz	CMW500	144382	Sep.01.2022	Aug. 31, 2023
Universal Radio Communication Tester	Rohde&Schwarz	CMW500	168796	Feb. 23, 2023	Feb.22, 2024
Femperature and Humidity Chamber	ZhengHang	ZH-QTH-1500	ZH2107264	Jun. 20, 2023	Jun. 19, 2024





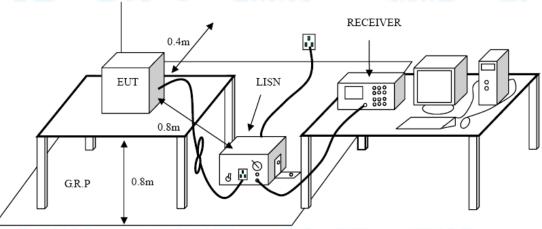
5. Conducted Emission Test

- 5.1 Test Standard and Limit
 - 5.1.1 Test Standard
 - FCC Part 15.207
 - 5.1.2 Test Limit

Frequency	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/ 50 uH 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.

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.





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

General field strength limits at frequencies Below 30MHz			
Frequency	Field Strength	Field Strength	Measurement
(MHz)	(µA/m)*	(microvolt/meter)**	Distance (meters)
0.009~0.490	6.37/F (F in kHz)	2400/F(KHz)	300
0.490~1.705	63.7/F (F in kHz)	24000/F(KHz)	30
1.705~30.0	0.08	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.

2, *is for RSS Standard, **is for FCC Standard.

General field strength limits at frequencies above 30 MHz				
Frequency	Frequency Field strength Measurement Distar			
(MHz)	(µV/m at 3 m)	(meters)		
30~88	100	3		
88~216	150	3 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	Average		
Above 1000	74	54		

Note:

(1) The tighter limit applies at the band edges.

(2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

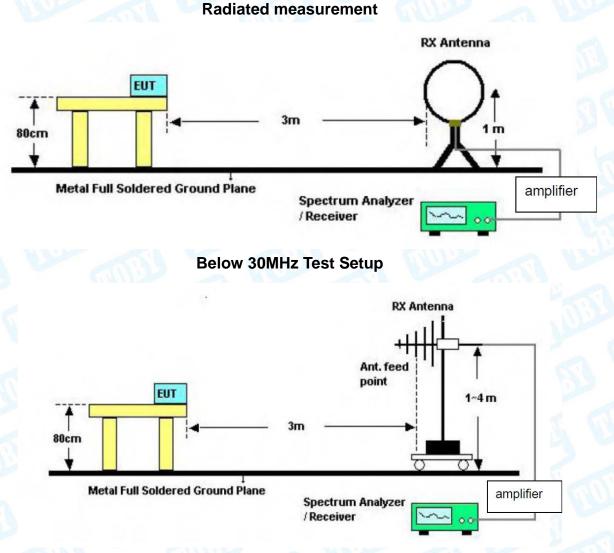
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided





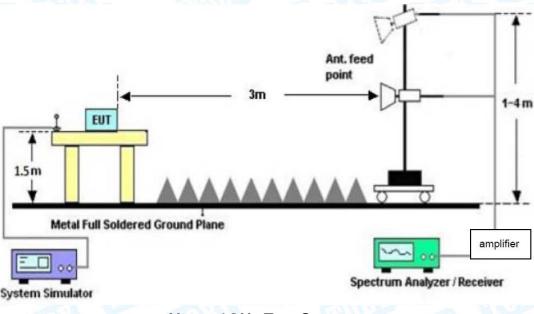
that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

6.2 Test Setup

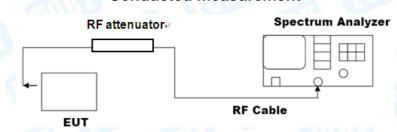


Below 1000MHz Test Setup





Above 1GHz Test Setup Conducted measurement



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.

--- 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 external appendix report of 5G WIFI.





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
	-27(Note 2)	68.3
5725~5825	10(Note 2)	105.3
5725~3825	15.6(Note 2)	110.9
	27(Note 2)	122.3

NOTE:

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

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

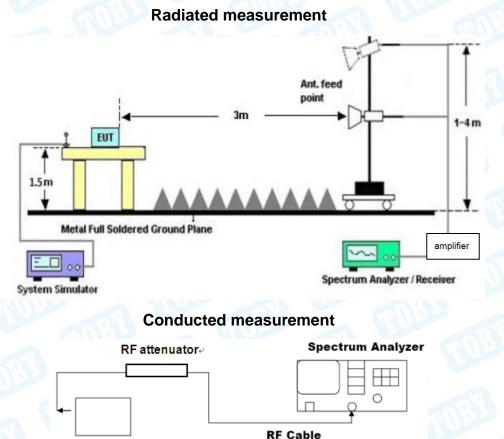
2, According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz 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



7.3 Test Procedure

---Radiated measurement

EUT

• 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.

--- 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 external appendix report of 5G WIFI.





8. Bandwidth Test

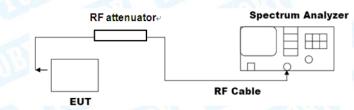
- 8.1 Test Standard and Limit
 - 8.1.1 Test Standard

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

8.1.2 Test Limit

Test Item	Limit	Frequency Range (MHz)	
		5150~5250	
26 Bandwidth	N/A	5250~5350	
		5500~5725	
6 dB Bandwidth	>500kHz	5725~5850	
	N/A	5150~5250	
99% Bandwidth		5250~5350	
99% Danuwium		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).

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 external appendix report of 5G WIFI.



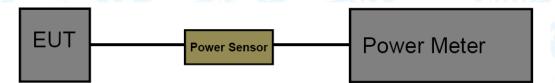


9. Maximum Conducted Output Power

- 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)		
	Freq	Frequency Range(MHz)		
Limit	5150~5250	5250~5350	5500~5725	5725~5850
Max Conducted TX Power	Master Device: 1 Watt(30dBm) Client Device: 250mW(24dBm)	24dBm (250 mW) or 11 dBm+ 10 log B, whichever is lower (B= 26-dB emission 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) with 6 dBi antenna		4 W (36 dBm) with 6 dBi antenna
TPC	NO	YES, if Max_EIRP ≥ 500 mW (27 dBm) and able to lower EIRP below 24dBm NO, if Max_EIRP < 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 external appendix report of 5G WIFI.

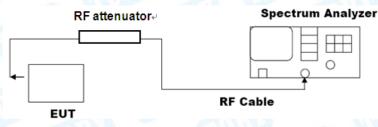


10. Power Spectral Density Test

- 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
	Linit	Range(MHz)
	Master Device: 17dBm/MHz	5150~5250
	Client Device: 11dBm/MHz	5150~5250
Power Spectral - Density -	11dBm/MHz	5250~5350
	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.

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 external appendix report of 5G WIFI.



11. Frequency Stability

11.1 Test Standard and Limit

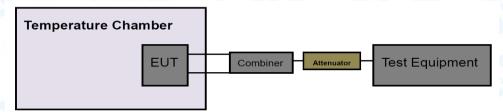
11.1.1 Test Standard

FCC Part 15.407(g)

11.1.2 Test Limit

If the frequency stability of the licence-exempt radio apparatus is not specified in the applicable RSS, the fundamental emissions of the radio apparatus should be kept within at least the central 80% of its permitted operating frequency band in order to minimize the possibility of out-of-band operation.

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.

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 external appendix report of 5G WIFI.



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 1.2dBi, 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 FPC Antenna. It complies with the standard requirement.

	Antenna Type
and the second s	Permanent attached antenna
a luna	Unique connector antenna
	Professional installation antenna



Attachment A-- Conducted Emission Test Data

Temperature:	23.8 ℃	Re	lative Humidity:	55%	ALC:
Test Voltage:	AC 120V 60Hz	-		1000	
Terminal:	Line	1100	- The second		an B
Test Mode:	Mode 1	-	010	2	
Remark:	Only worse case is	reported.		100	
80.0 dBuV					
30	Margand Margarit	loya langa ang ang ang ang ang ang ang ang ang	no to porce and the for and		
-20 0.150 	0.5 Reading Freq. Level	(MHz) Correct Factor	5 Measure- ment Limit	Over	30.000
	MHz dBuV	dB	dBuV dBuV	dB	Detector

No.	MK.	Freq.	Level	Factor	ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1900	30.91	11.02	41.93	64.03	-22.10	QP
2		0.1900	20.75	11.02	31.77	54.03	-22.26	AVG
3		0.2380	27.33	10.94	38.27	62.16	-23.89	QP
4		0.2380	18.21	10.94	29.15	52.16	-23.01	AVG
5		0.2900	22.48	10.86	33.34	60.52	-27.18	QP
6		0.2900	10.63	10.86	21.49	50.52	-29.03	AVG
7		3.2460	22.17	10.17	32.34	56.00	-23.66	QP
8	*	3.2460	18.11	10.17	28.28	46.00	-17.72	AVG
9		8.1180	22.12	10.06	32.18	60.00	-27.82	QP
10		8.1180	16.10	10.06	26.16	50.00	-23.84	AVG
11		24.3460	18.49	10.81	29.30	60.00	-30.70	QP
12		24.3460	15.53	10.81	26.34	50.00	-23.66	AVG

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)



TOBY Bart of the Category Group

				Call i	
Temperature:	23.8 ℃		Relative Humidity	y: 55%	
Test Voltage:	AC 120V 60	Hz			ALC: N
Terminal:	Neutral		8	1000	
Test Mode:	Mode 1	AV			
Remark:	Only worse of	case is reported	1.		
80.0 dBuV					
30			Marghorson from a from		x x peak AVG
0.150	0.5	(MHz)	5		30.000
No. Mk.	Read Freq. Lev	-		Over	
	MHz dBu	uV dB	dBuV dBuV	dB	Detector
1 * 0	.1940 30.	34 11.10	41.44 63.86	5 -22.42	QP
2 0	.1940 14.	24 11.10	25.34 53.86	6 -28.52	AVG
3 0	.2260 26.	83 11.08	37.91 62.59	9 -24.68	QP
4 0	.2260 10.	37 11.08	21.45 52.59	9 -31.14	AVG
5 0	.3180 20.	33 10.96	31.29 59.76	6 -28.47	QP
6 0	0.3180 7.4	44 10.96	18.40 49.76	3 -31.36	AVG
7 0	2000 00	51 10.91	31.42 58.23	3 -26.81	QP
7 0	.3820 20.	51 10.91	31.42 30.23	-20.01	QF .

10.98

10.98

29.42

25.07

60.00 -30.58

50.00 -24.93

QP AVG

9

10

Remark: 1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

18.44

14.09

29.2140

29.2140

2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)





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

HZ~1GHZ				
Temperature:	24.3 ℃		Relative Humidity:	45%
Test Voltage:	AC 120V 6	0Hz		Can By
Ant. Pol.	Horizontal	il a	NUL .	
Test Mode:	Mode 2 TX	a Mode 5180MH	lz	
Remark:	Only worse	case is reported	l.	CUND .
80.0 dBu∀/m				
70				
60			IBEJECC	15C 3M Radiation
50			Margin -	
40	r		3 4	6
30			× 2×	
20		100	and the paper of the fight the hard the	TTT MARKEN MARKAN
10 when the second when we are the	when muchally approved	whythere the alway and have will a se	an philosophy and a state of the state of th	
0				
-10				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	185.1378	56.45	-24.14	32.31	43.50	-11.19	peak
2	218.3084	56.66	-24.02	32.64	46.00	-13.36	peak
3	319.9369	58.43	-20.42	38.01	46.00	-7.99	peak
4 *	420.5803	58.30	-17.34	40.96	46.00	-5.04	peak
5	487.3150	45.26	-15.67	29.59	46.00	-16.41	peak
6	656.5300	50.42	-11.85	38.57	46.00	-7.43	peak

*:Maximum data x:Over limit !:over margin

Remark:

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



TOBY

	411.22				COL ST		3 WUL	
Temper	ature:	24.3°	C	R	Relative Hur	nidity:	45%	
Test Vo	Itage:	AC 12	20V 60Hz	132	III a	U.S.		C.C.
Ant. Po	Ι.	Vertic	al		20	110	NOD.	-
Test Mo	de:	Mode	2 TX a Mo	de 5180MH	z		6	CBD
Remark	Κ:	Only	worse case	is reported.	(QYUE		3. 6	
80.0 dBu	i∀/m							
70								
60								
50						(RF)FCC 15 Margin -6-dl	C 3M Radiation B	
40						3 4	5 X	6
30				1 X				the topeak
20							Mannana	
10 4	ale folger all was made	moundary	M when when	mon home man	Whyte Multinolphil	nup		
0								
-10								
-20				(MHz)				1000.000
30.000		60.00		(MHZ)	300.	.00		1000.000
No.	Frequ (MF	-	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	185.1	378	52.40	-24.14	28.26	43.50	-15.24	peak
2	386.6	338	54.94	-18.29	36.65	46.00	-9.35	peak
3	420.5	803	56.90	-17.34	39.56	46.00	-6.44	peak

*:Maximum data x:Over limit !:over margin

520.8882

588.9050

842.1296

Remark:

4

5 *

6

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

54.53

54.40

48.02

-14.81

-13.20

-8.49

39.72

41.20

39.53

46.00

46.00

46.00

-6.28

-4.80

-6.47

peak

peak

peak

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





Above 1GHz

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

Temperature:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal	COD S	A DULL
Test Mode:	TX 802.11a Mode 5180M	1Hz (U-NII-1)	RU _ 6

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10357.835	51.09	6.12	57.21	68.30	-11.09	peak
2 *	10359.015	40.12	6.12	46.24	54.00	-7.76	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

		T					
Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz					
Ant. Pol.	Vertical						
Test Mode:	TX 802.11a Mode 5180M	1Hz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10358.515	51.09	6.12	57.21	68.30	-11.09	peak
2 '	10359.575	41.39	6.12	47.51	54.00	-6.49	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.
- 5. No report for the emission which more than 20dB below the prescribed limit.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal	ARI C	1000			
Test Mode:	TX 802.11a Mode 5200	MHz (U-NII-1)	any s			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10399.785	51.94	6.27	58.21	68.30	-10.09	peak
2 *	10400.935	41.75	6.27	48.02	54.00	-5.98	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 evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical					
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10398.545	40.47	6.27	46.74	54.00	-7.26	AVG
2	10401.080	51.24	6.27	57.51	68.30	-10.79	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8 °C	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal	RU C	1000			
Test Mode: TX 802.11a Mode 5240MHz (U-NII-1)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10401.190	51.27	6.27	57.54	68.30	-10.76	peak
2 *	10401.930	40.24	6.27	46.51	54.00	-7.49	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical	0000				
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10398.315	50.85	6.27	57.12	68.30	-11.18	peak
2 *	10399.665	41.10	6.27	47.37	54.00	-6.63	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8 ℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	TUP -	1			
Ant. Pol.	Horizontal					
Test Mode:	t 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 *	10360.020	40.40	6.12	46.52	54.00	-7.48	AVG
2	10360.080	51.42	6.12	57.54	68.30	-10.76	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8 ℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical	CODD -				
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10359.030	41.68	6.12	47.80	54.00	-6.20	AVG
2	10359.910	52.23	6.12	58.35	68.30	-9.95	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8 ℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz	The states	200		
Ant. Pol.	Horizontal		DUD A		
Test Mode:	Test Mode: TX 802.11n(HT20) Mode 5200MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10398.470	41.10	6.27	47.37	54.00	-6.63	AVG
2	10399.170	51.38	6.27	57.65	68.30	-10.65	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%		
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Vertical	0000			
Test Mode:	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10400.660	41.25	6.27	47.52	54.00	-6.48	AVG
2	10401.810	50.05	6.27	56.32	68.30	-11.98	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal	RU G	1000		
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 *	10478.845	41.11	6.41	47.52	54.00	-6.48	AVG
2	10480.825	51.23	6.42	57.65	68.30	-10.65	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	0000	
Test Mode:	TX 802.11n(HT20) Mode	5240MHz (U-NII-1)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10479.625	41.04	6.42	47.46	54.00	-6.54	AVG
2	10482.200	50.79	6.42	57.21	68.30	-11.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal	RU G	1000		
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10358.745	42.03	6.12	48.15	54.00	-5.85	AVG
2	10360.795	51.50	6.12	57.62	68.30	-10.68	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical					
Test Mode:	TX 802.11ac(VHT20) I	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10358.260	42.56	6.12	48.68	54.00	-5.32	AVG
2	10360.645	52.51	6.12	58.63	68.30	-9 .67	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%	
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal	RU C	1000	
Test Mode:	TX 802.11ac(VHT20) Mc	de 5200MHz (U-NII-1)	MABL	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10401.325	52.09	6.27	58.36	68.30	-9.94	peak
2 *	10401.345	40.98	6.27	47.25	54.00	-6.75	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical					
Test Mode:	TX 802.11ac(VHT20)	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10399.675	41.39	6.27	47.66	54.00	-6.34	AVG
2	10402.015	50.99	6.27	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	The second	2
Ant. Pol.	Horizontal	RU C	1000
Test Mode:	TX 802.11 ac(VHT20) M	ode 5240MHz (U-NII-1)	m BL

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10478.035	42.27	6.41	48.68	54.00	-5.32	AVG
2	10481.320	51.84	6.42	58.26	68.30	-10.04	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8°C Relative Humidity: 58%					
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LU ST	COP.			
Test Mode:	TX 802.11ac(VHT20) Mc	ode 5240MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10480.690	50.84	6.42	57.26	68.30	-11.04	peak
2 *	10481.655	41.10	6.42	47.52	54.00	-6.48	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%				
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal		1000			
Test Mode:	TX 802.11n(HT40) Mode	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10380.405	51.33	6.21	57.54	68.30	-10.76	peak
2 *	10381.955	40.31	6.21	46.52	54.00	-7.48	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LU ST				
Test Mode:	TX 802.11n(HT40) Mode	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10379.385	42.01	6.20	48.21	54.00	-5.79	AVG
2	10380.865	52.11	6.21	58.32	68.30	-9.98	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal	RU G	1000		
Test Mode:	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10459.095	51.87	6.37	58.24	68.30	-10.06	peak
2 *	10459.730	41.90	6.37	48.27	54.00	-5.73	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LU ST				
Test Mode:	TX 802.11n(HT40) 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 *	10461.275	40.98	6.37	47.35	54.00	-6.65	AVG
2	10462.440	50.77	6.37	57.14	68.30	-11.16	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%	
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal	RU C	1000	
Test Mode:	TX 802.11ac(VHT40) Mc	de 5190MHz (U-NII-1)	MABL	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10377.560	41.33	6.19	47.52	54.00	-6.48	AVG
2	10380.905	51.31	6.21	57.52	68.30	-10.78	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8 ℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical					
Test Mode:	TX 802.11ac(VHT40)	Mode 5190MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10378.425	41.45	6.19	47.64	54.00	-6.36	AVG
2	10381.375	51.05	6.21	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%		
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal	RU C	TOPP -	
Test Mode:	TX 802.11ac(VHT40) Mc	de 5230MHz (U-NII-1)	MAR	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10457.525	52.25	6.37	58.62	68.30	-9.68	peak
2 *	10458.900	41.57	6.37	47.94	54.00	-6.06	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LUC ON				
Test Mode:	TX 802.11ac(VHT40) M	ode 5230MHz (U-NII-1)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10459.200	51.84	6.37	58.21	68.30	-10.09	peak
2 *	10460.870	41.15	6.37	47.52	54.00	-6.48	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		m BD
Test Mode:	TX 802.11ac(VHT80) Mc	ode 5210MHz (U-NII-1)	200

No).	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	*	10418.605	41.22	6.30	47.52	54.00	-6.48	AVG
2		10421.215	51.34	6.31	57.65	68.30	-10.65	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		E C
Ant. Pol.	Vertical	A TUP	
Test Mode:	TX 802.11ac(VHT80) Mo	de 5210MHz (U-NII-1)	1000

No) .	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	*	10419.680	41.22	6.30	47.52	54.00	-6.48	AVG
2		10422.290	52.31	6.31	58.62	68.30	-9.68	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





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

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Horizontal		1000			
Test Mode: TX 802.11a Mode 5260MHz (U-NII-2A)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10520.950	52.08	6.44	58.52	68.30	-9.78	peak
2 *	10521.545	41.08	6.44	47.52	54.00	-6.48	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%		
Test Voltage:	AC 120V/60Hz	C 120V/60Hz			
Ant. Pol.	Vertical	LUU DI			
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 *	10518.120	40.75	6.44	47.19	54.00	-6.81	AVG
2	10521.065	51.77	6.44	58.21	68.30	-10.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%	
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal	RU C	TOPP -	
Test Mode: TX 802.11a Mode 5280MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10559.410	41.81	6.43	48.24	54.00	-5.76	AVG
2	10560.930	50.78	6.43	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		COR.
Test Mode:	TX 802.11a Mode 5	280MHz (U-NII-2A)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10559.150	41.72	6.43	48.15	54.00	-5.85	AVG
2	10561.370	50.78	6.43	57.21	68.30	-11.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Horizontal		1000			
Test Mode: TX 802.11a Mode 5320MHz (U-NII-2A)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10642.135	40.85	6.67	47.52	54.00	-6.48	AVG
2	10642.305	50.54	6.67	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical					
Test Mode:	Test Mode: TX 802.11a Mode 5320MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10640.690	39.05	6.67	45.72	54.00	-8.28	AVG
2	10642.060	49.68	6.67	56.35	68.30	-11.95	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Horizontal		1000			
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	10518.565	51.21	6.44	57.65	68.30	-10.65	peak
2 *	10518.695	41.07	6.44	47.51	54.00	-6.49	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical					
Test Mode: TX 802.11n(HT20) Mode 5260MHz (U-NII-2A)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10517.980	41.08	6.44	47.52	54.00	-6.48	AVG
2	10521.075	51.21	6.44	57.65	68.30	-10.65	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Horizontal	AN C	TOD S			
Test Mode:	TX 802.11n(HT20) Mode 5280MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10559.785	41.09	6.43	47.52	54.00	-6.48	AVG
2	10560.070	50.83	6.43	57.26	68.30	-11.04	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LUL OF				
Test Mode: TX 802.11n(HT20) Mode 5280MHz (U-NII-2A)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10559.385	41.13	6.43	47.56	54.00	-6.44	AVG
2	10560.120	51.81	6.43	58.24	68.30	-10.06	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Horizontal	AN C	1000			
Test Mode:	TX 802.11n(HT20) Mode 5320MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10641.075	38.54	6.67	45.21	54.00	-8.79	AVG
2	10641.775	50.55	6.67	57.22	68.30	-11.08	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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	LUC ON	ALL ALL			
Test Mode:	TX 802.11n(HT20) Mode	TX 802.11n(HT20) Mode 5320MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10638.685	39.71	6.66	46.37	54.00	-7.63	AVG
2	10641.080	49.57	6.67	56.24	68.30	-12.06	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal	RU G	1000		
Test Mode:	TX 802.11ac(VHT20) Mode 5260MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10520.935	39.81	6.44	46.25	54.00	-7.75	AVG
2	10521.060	50.71	6.44	57.15	68.30	-11.15	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUC OT	
Test Mode:	TX 802.11ac(VHT20) Mc	de 5260MHz (U-NII-2A	A)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10517.545	40.87	6.44	47.31	54.00	-6.69	AVG
2	10518.650	51.18	6.44	57.62	68.30	-10.68	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%		
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal	RU C	1000	
Test Mode:	TX 802.11ac(VHT20) Mode 5280MHz (U-NII-2A)			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10558.915	51.13	6.43	57.56	68.30	-10.74	peak
2 *	10559.765	40.95	6.43	47.38	54.00	-6.62	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	UU DI	
Test Mode:	TX 802.11ac(VHT20) M	ode 5280MHz (U-NII-2A	A)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10560.150	40.09	6.43	46.52	54.00	-7.48	AVG
2	10561.900	47.69	6.42	54.11	68.30	-14.19	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%			
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal	RU G	1000		
Test Mode:	TX 802.11 ac(VHT20) Mode 5320MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10638.955	40.86	6.66	47.52	54.00	-6.48	AVG
2	10639.950	51.97	6.66	58.63	68.30	-9.67	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	Number of the second				
Test Mode:	TX 802.11ac(VHT20) M	TX 802.11ac(VHT20) Mode 5320MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10638.220	41.04	6.66	47.70	54.00	-6.30	AVG
2	10642.465	50.97	6.68	57.65	68.30	-10.65	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%	
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal		1000	
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	10537.605	50.80	6.45	57.25	68.30	-11.05	peak
2 *	10539.480	41.16	6.44	47.60	54.00	-6.40	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	NUL OF				
Test Mode:	TX 802.11n(HT40) Mode 5270MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10540.375	51.88	6.44	58.32	68.30	-9.98	peak
2 *	10540.440	40.81	6.44	47.25	54.00	-6.75	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8 ℃	Relative Humidity:	58%	
Test Voltage:	AC 120V/60Hz	The states	200	
Ant. Pol.	Horizontal		1000	
Test Mode:	TX 802.11n(HT40) Mode 5310MHz (U-NII-2A)			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10620.275	51.12	6.53	57.65	68.30	-10.65	peak
2 *	10621.735	38.66	6.55	45.21	54.00	-8.79	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz				
Ant. Pol.	Vertical	Vertical				
Test Mode:	TX 802.11n(HT40) Mode 5310MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10618.590	40.81	6.53	47.34	54.00	-6.66	AVG
2	10619.955	50.73	6.53	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity: 58%		
Test Voltage:	AC 120V/60Hz			
Ant. Pol.	Horizontal		TOPP -	
Test Mode:	TX 802.11ac(VHT40) Mode 5270MHz (U-NII-2A)			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10538.160	51.20	6.45	57.65	68.30	-10.65	peak
2 *	10539.710	41.51	6.44	47.95	54.00	-6.05	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Terrereterre	04.0%		500/				
Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz					
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ac(VHT40) Mode 5270MHz (U-NII-2A)						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10537.515	41.08	6.44	47.52	54.00	-6.48	AVG
2	10540.815	50.77	6.44	57.21	68.30	-11.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal	RU G	1000			
Test Mode:	TX 802.11ac(VHT40) Mode 5310MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10620.445	39.68	6.53	46.21	54.00	-7.79	AVG
2	10622.270	51.10	6.55	57.65	68.30	-10.65	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical	LUC ON				
Test Mode:	TX 802.11ac(VHT40) M	TX 802.11ac(VHT40) Mode 5310MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10619.560	42.43	6.53	48.96	54.00	-5.04	AVG
2	10621.840	51.07	6.55	57.62	68.30	-10.68	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8°C	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal	RU G	1000			
Test Mode:	TX 802.11ac(VHT80) Mode 5290MHz (U-NII-2A)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10577.835	51.19	6.43	57.62	68.30	-10.68	peak
2 *	10578.650	41.09	6.43	47.52	54.00	-6.48	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%		
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Vertical	LUC ON			
Test Mode:	TX 802.11ac(VHT80) Mode 5290MHz (U-NII-2A)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10578.310	41.01	6.43	47.44	54.00	-6.56	AVG
2	10580.385	51.19	6.43	57.62	68.30	-10.68	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





5500MHz-5700MHz(U-NII-2C)

Temperature:	24.8 ℃	Relative Humidity:	58%		
Test Voltage:	AC 120V/60Hz				
Ant. Pol.	Horizontal		TOD D		
Test Mode:	TX 802.11a Mode 5500MHz (U-NII-2C)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10998.595	50.04	8.17	58.21	68.30	-10.09	peak
2 *	10998.815	40.68	8.17	48.85	54.00	-5.15	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical					
Test Mode:	TX 802.11a Mode 5500MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10997.990	49.04	8.17	57.21	68.30	-11.09	peak
2 *	10998.475	39.66	8.17	47.83	54.00	-6.17	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	Number of the second	COR!
Ant. Pol.	Horizontal	The states	200
Test Mode:	TX 802.11a Mode 5580M	1Hz (U-NII-2C)	

No		Frequency (MHz)	Reading (dBuV)		Level (dBuV/m)		Margin (dB)	Detector
1	*	11159.370	39.68	7.84	47.52	54.00	-6.48	AVG
2		11161.910	49.77	7.85	57.62	68.30	-10.68	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8 ℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Vertical		anus -			
Test Mode:	TX 802.11a Mode 5580N	TX 802.11a Mode 5580MHz (U-NII-2C)				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11160.595	39.37	7.84	47.21	54.00	-6.79	AVG
2	11161.300	50.36	7.85	58.21	68.30	-10.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	AUP				
Ant. Pol.	Horizontal		TODY A			
Test Mode:	TX 802.11a Mode 5700MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11400.985	48.23	8.98	57.21	68.30	-11.09	peak
2 *	11401.845	39.42	8.98	48.40	54.00	-5.60	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		COR.
Test Mode:	TX 802.11a Mode 57	700MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11399.015	48.23	8.98	57.21	68.30	-11.09	peak
2 *	11399.160	37.85	8.98	46.83	54.00	-7.17	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	- AUDE				
Ant. Pol.	Horizontal	AN C	1000			
Test Mode:	TX 802.11n(HT20) Mode 5500MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	10998.575	50.15	8.17	58.32	68.30	-9.98	peak
2 *	10998.700	39.23	8.17	47.40	54.00	-6.60	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11 n(HT20) Mo	ode 5500MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10998.765	39.60	8.17	47.77	54.00	-6.23	AVG
2	11000.365	49.09	8.17	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz		2			
Ant. Pol.	Horizontal	RU G	1000			
Test Mode:	TX 802.11n(HT20) Mode 5580MHz (U-NII-2C)					

N	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	11158.140	49.30	7.84	57.14	68.30	-11.16	peak
2	2 *	11159.755	40.38	7.84	48.22	54.00	-5.78	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	We of	
Ant. Pol.	Vertical	AUD.	
Test Mode:	TX 802.11n(HT20) Mode	5580MHz (U-NII-2C)	1000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11157.615	50.37	7.84	58.21	68.30	-10.09	peak
2 *	11158.875	39.68	7.84	47.52	54.00	-6.48	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 evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz		2			
Ant. Pol.	Horizontal	RU G	1000			
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 *	11400.285	37.29	8.98	46.27	54.00	-7.73	AVG
2	11402.375	49.37	8.98	58.35	68.30	-9.95	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	AC 120V/60Hz					
Ant. Pol.	Vertical	NU ST	COR.				
Test Mode:	TX 802.11n(HT20) Mode	5700MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11399.045	38.60	8.98	47.58	54.00	-6.42	AVG
2	11401.015	48.65	8.98	57.63	68.30	-10.67	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz					
Ant. Pol.	Horizontal	RU G	1000			
Test Mode:	TX 802.11ac(VHT20) Mode 5500MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10999.310	40.03	8.17	48.20	54.00	-5.80	AVG
2	11000.955	49.09	8.17	57.26	68.30	-11.04	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LU-	
Test Mode:	TX 802.11 ac(VHT20)	Node 5500MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	10998.780	40.30	8.17	48.47	54.00	-5.53	AVG
2	11000.070	50.24	8.17	58.41	68.30	-9.89	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	TUPE	2				
Ant. Pol.	Horizontal		1055				
Test Mode:	TX 802.11 ac(VHT20) M	TX 802.11 ac(VHT20) Mode 5580MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11158.740	40.75	7.84	48.59	54.00	-5.41	AVG
2	11161.845	49.39	7.85	57.24	68.30	-11.06	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUC ON	
Test Mode:	TX 802.11 ac(VHT20)	Mode 5580MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11161.070	50.48	7.84	58.32	68.30	-9.98	peak
2 *	11161.735	38.67	7.85	46.52	54.00	-7.48	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	Num and	B
Ant. Pol.	Horizontal	a autor	
Test Mode:	TX 802.11 ac(VHT20) M	ode 5700MHz (U-NII-20	C)

N	o .	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	*	11401.380	38.60	8.98	47.58	54.00	-6.42	AVG
2		11401.535	48.27	8.98	57.25	68.30	-11.05	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		m1133
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 *	11399.700	38.54	8.98	47.52	54.00	-6.48	AVG
2	11401.925	48.65	8.98	57.63	68.30	-10.67	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	and a					
Ant. Pol.	Horizontal	RU G	TO US				
Test Mode:	TX 802.11n(HT40) Mode	TX 802.11n(HT40) Mode 5510MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11018.845	38.50	8.09	46.59	54.00	-7.41	AVG
2	11018.870	49.13	8.09	57.22	68.30	-11.08	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 (dB μ V/m)-Limit PK/AVG(dB μ V/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	NU ST	COR.
Test Mode:	TX 802.11n(HT40) Mode	5510MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11019.090	39.56	8.09	47.65	54.00	-6.35	AVG
2	11020.695	49.57	8.08	57.65	68.30	-10.65	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	Num and	COR!
Ant. Pol.	Horizontal	- AULE	200
Test Mode:	TX 802.11n(HT40) Mode	5550MHz (U-NII-2C)	TOUR A

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11098.365	40.17	7.77	47.94	54.00	-6.06	AVG
2	11101.125	50.50	7.76	58.26	68.30	-10.04	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		2 ~ 13
Ant. Pol.	Vertical		MIBL
Test Mode:	TX 802.11n(HT40) Mode	e 5550MHz (U-NII-2C)	A DE

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11098.835	39.57	7.77	47.34	54.00	-6.66	AVG
2	11101.155	49.50	7.76	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The second					
Ant. Pol.	Horizontal	AN C	TO US				
Test Mode:	TX 802.11n(HT40) 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 *	11338.735	39.53	8.91	48.44	54.00	-5.56	AVG
2	11342.210	49.30	8.91	58.21	68.30	-10.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUC DI	
Test Mode:	TX 802.11n(HT40) Mode	5670MHz (U-NII-2C)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11338.925	48.74	8.91	57.65	68.30	-10.65	peak
2 *	11339.435	38.93	8.91	47.84	54.00	-6.16	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The state	2				
Ant. Pol.	Horizontal		1000				
Test Mode:	TX 802.11ac(VHT40) Mc	TX 802.11ac(VHT40) Mode 5510MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11018.510	38.16	8.09	46.25	54.00	-7.75	AVG
2	11020.750	49.13	8.08	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	Number of the second	
Test Mode:	TX 802.11ac(VHT40) M	lode 5510MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11017.905	49.16	8.10	57.26	68.30	-11.04	peak
2 *	11018.225	39.60	8.09	47.69	54.00	-6.31	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz		2				
Ant. Pol.	Horizontal	RU G	1000				
Test Mode:	TX 802.11ac(VHT40) Mc	TX 802.11ac(VHT40) Mode 5550MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11101.050	50.56	7.76	58.32	68.30	-9.98	peak
2 *	11102.395	39.78	7.76	47.54	54.00	-6.46	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	UU DI	
Test Mode:	TX 802.11ac(VHT40) M	ode 5550MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11101.250	39.76	7.76	47.52	54.00	-6.48	AVG
2	11102.045	49.89	7.76	57.65	68.30	-10.65	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz		2				
Ant. Pol.	Horizontal	RU G	1000				
Test Mode:	TX 802.11ac(VHT40) Mc	TX 802.11ac(VHT40) Mode 5670MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11338.445	48.71	8.91	57.62	68.30	-10.68	peak
2 *	11338.980	38.30	8.91	47.21	54.00	-6.79	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUC OT	
Test Mode:	TX 802.11ac(VHT40) Mc	ode 5670MHz (U-NII-20	c)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11340.330	38.61	8.91	47.52	54.00	-6.48	AVG
2	11341.520	48.30	8.91	57.21	68.30	-11.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	THE REAL	200				
Ant. Pol.	Horizontal	AN C	1050				
Test Mode:	TX 802.11ac(VHT80) Mc	TX 802.11ac(VHT80) Mode 5530MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11058.875	41.00	7.92	48.92	54.00	-5.08	AVG
2	11061.715	50.33	7.91	58.24	68.30	-10.06	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	NU ST	
Ant. Pol.	Vertical	TUL!	
Test Mode:	TX 802.11ac(VHT80) Mc	ode 5530MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11058.635	39.60	7.92	47.52	54.00	-6.48	AVG
2	11062.440	49.30	7.91	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The state	2				
Ant. Pol.	Horizontal		1000				
Test Mode:	TX 802.11ac(VHT80) Mc	TX 802.11ac(VHT80) Mode 5610MHz (U-NII-2C)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11220.045	49.22	8.10	57.32	68.30	-10.98	peak
2 *	11221.335	39.41	8.11	47.52	54.00	-6.48	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mc	ode 5610MHz (U-NII-20	C)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11217.700	49.13	8.08	57.21	68.30	-11.09	peak
2 *	11218.345	39.86	8.08	47.94	54.00	-6.06	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.



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

Temperature:	24.8 °C	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	The states	2
Ant. Pol.	Horizontal	RU G	1000
Test Mode:	TX 802.11a Mode 5745M	/Hz (U-NII-3)	an B

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11489.050	38.54	9.00	47.54	54.00	-6.46	AVG
2	11491.515	47.22	8.99	56.21	68.30	-12.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		00133
Ant. Pol.	Vertical	WU DI	
Test Mode:	TX 802.11a Mode 5745M	/Hz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11489.815	38.88	8.99	47.87	54.00	-6.13	AVG
2	11491.060	47.55	8.99	56.54	68.30	-11.76	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	TUP-	200
Ant. Pol.	Horizontal		1000
Test Mode:	TX 802.11a Mode 5785M	1Hz (U-NII-3)	MABL

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11568.175	38.50	8.76	47.26	54.00	-6.74	AVG
2	11572.485	48.61	8.74	57.35	68.30	-10.95	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUC OT	COR.
Test Mode:	TX 802.11a Mode 5785M	/Hz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11570.480	38.81	8.75	47.56	54.00	-6.44	AVG
2	11570.720	49.57	8.75	58.32	68.30	-9.98	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8°C	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	TUPE -	1
Ant. Pol.	Horizontal		1000
Test Mode:	TX 802.11a Mode 5825M	1Hz (U-NII-3)	MABL

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11649.400	38.29	8.70	46.99	54.00	-7.01	AVG
2	11651.295	48.51	8.70	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		00133
Ant. Pol.	Vertical	WU DI	
Test Mode:	TX 802.11a Mode 5825M	/Hz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11651.845	38.82	8.70	47.52	54.00	-6.48	AVG
2	11651.850	48.63	8.70	57.33	68.30	-10.97	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz		2				
Ant. Pol.	Horizontal		1000				
Test Mode:	TX 802.11n(HT20) Mode	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11488.955	39.60	9.00	48.60	54.00	-5.40	AVG
2	11490.275	49.62	8.99	58.61	68.30	-9.69	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	NU TO	
Test Mode:	TX 802.11n(HT20) Mod	de 5745MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11491.645	37.26	8.99	46.25	54.00	-7.75	AVG
2	11492.410	48.16	8.99	57.15	68.30	-11.15	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The states	2				
Ant. Pol.	Horizontal		1000				
Test Mode:	TX 802.11n(HT20) Mode	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11568.915	39.95	8.75	48.70	54.00	-5.30	AVG
2	11570.705	49.39	8.75	58.14	68.30	-10.16	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUL OF	
Test Mode:	TX 802.11n(HT20) Mod	de 5785MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11569.855	38.02	8.75	46.77	54.00	-7.23	AVG
2	11570.230	48.51	8.75	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		COB!
Ant. Pol.	Horizontal	The states	200
Test Mode:	TX 802.11n(HT20) Mode	5825MHz (U-NII-3)	TUD

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11649.220	38.41	8.70	47.11	54.00	-6.89	AVG
2	11649.925	48.46	8.70	57.16	68.30	-11.14	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

			ALL D
Temperature:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		COUNT -
Test Mode:	TX 802.11n(HT20) Mode	e 5825MHz (U-NII-3)	COR.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11649.460	37.72	8.70	46.42	54.00	-7.58	AVG
2	11650.460	49.51	8.70	58.21	68.30	-10.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	The second	2			
Ant. Pol.	Horizontal	RU C	TOPP -			
Test Mode:	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11489.840	39.22	8.99	48.21	54.00	-5.79	AVG
2	11492.020	49.33	8.99	58.32	68.30	-9.98	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 evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

			500/
Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	and a	Color Color
Ant. Pol.	Vertical	BULL DI	
Test Mode:	TX 802.11ac(VHT20) Mc	ode 5745MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11489.230	38.93	9.00	47.93	54.00	-6.07	AVG
2	11492.065	48.27	8.99	57.26	68.30	-11.04	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The states	2				
Ant. Pol.	Horizontal	RU G	1000				
Test Mode:	TX 802.11ac(VHT20) Mc	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11568.670	38.49	8.76	47.25	54.00	-6.75	AVG
2	11571.720	48.58	8.74	57.32	68.30	-10.98	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 evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20)	Mode 5785MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11567.985	38.89	8.76	47.65	54.00	-6.35	AVG
2	11570.255	48.46	8.75	57.21	68.30	-11.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The second	2				
Ant. Pol.	Horizontal	RU C	TOPP -				
Test Mode:	TX 802.11ac(VHT20) Mc	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11647.560	49.62	8.70	58.32	68.30	-9.98	peak
2 *	11648.690	38.32	8.70	47.02	54.00	-6.98	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 evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20)) Mode 5825MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11648.650	38.51	8.70	47.21	54.00	-6.79	AVG
2	11649.055	48.98	8.70	57.68	68.30	-10.62	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz	The states				
Ant. Pol.	Horizontal	RU G	1000			
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11508.485	40.02	8.96	48.98	54.00	-5.02	AVG
2	11510.870	48.31	8.95	57.26	68.30	-11.04	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) M	ode 5755MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11509.065	38.57	8.95	47.52	54.00	-6.48	AVG
2	11510.715	48.69	8.95	57.64	68.30	-10.66	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%			
Test Voltage:	AC 120V/60Hz		2			
Ant. Pol.	Horizontal	RU C	1000			
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11591.005	48.85	8.69	57.54	68.30	-10.76	peak
2 *	11591.290	37.84	8.68	46.52	54.00	-7.48	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	LUU DI	
Test Mode:	TX 802.11n(HT40) Mo	de 5795MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11588.630	39.85	8.70	48.55	54.00	-5.45	AVG
2	11589.175	48.99	8.69	57.68	68.30	-10.62	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz						
Ant. Pol.	Horizontal		1000				
Test Mode:	TX 802.11ac(VHT40) Mc	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11510.770	38.57	8.95	47.52	54.00	-6.48	AVG
2	11512.430	48.26	8.95	57.21	68.30	-11.09	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz						
Ant. Pol.	Vertical	LU ANT					
Test Mode:	TX 802.11ac(VHT40)	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11510.305	38.57	8.95	47.52	54.00	-6.48	AVG
2	11511.615	49.41	8.94	58.35	68.30	-9.95	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	TUP-					
Ant. Pol.	Horizontal	RU C	1000				
Test Mode:	TX 802.11ac(VHT40) Mc	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1 *	11587.710	39.38	8.70	48.08	54.00	-5.92	AVG
2	11591.495	49.56	8.68	58.24	68.30	-10.06	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:	24.8 ℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz	TUD'S	
Ant. Pol.	Vertical		いて
Test Mode:	TX 802.11ac(VHT40) Mc	ode 5795MHz (U-NII-3)	Can BL

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11588.715	39.01	8.70	47.71	54.00	-6.29	AVG
2	11589.625	49.52	8.69	58.21	68.30	-10.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.





Temperature:	24.8℃	Relative Humidity:	58%				
Test Voltage:	AC 120V/60Hz	The second	2				
Ant. Pol.	Horizontal	RU C	TOPP -				
Test Mode:	TX 802.11ac(VHT80) Mc	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	11551.165	49.80	8.82	58.62	68.30	-9.68	peak
2 *	11551.435	38.40	8.81	47.21	54.00	-6.79	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 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	24.8℃	Relative Humidity:	58%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical	UU DI	
Test Mode:	TX 802.11ac(VHT80) M	ode 5775MHz (U-NII-3)	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11548.270	38.45	8.83	47.28	54.00	-6.72	AVG
2	11551.100	49.39	8.82	58.21	68.30	-10.09	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 (dBµV/m)-Limit PK/AVG(dBµV/m)

4. The tests evaluated 1-26.5GHz, The testing has been conformed to the 10th harmonic of the highest fundamental frequency. Test with highpass filter (Pass Frequency: 2.8-18G and 8-25G), and 18GHz-26.5GHz is the noise, No other signals were detected.

5. No report for the emission which more than 20dB below the prescribed limit.

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