Radio Test Report

FCC ID: XVG500106RTBT

IC: 6800A-500106RTBT

Report No.	:	TBR-C-202302-0069-53
Applicant	:	Amino Communications Ltd
Equipment Under Test (EUT)		
EUT Name	:	IPTV Receiver
Model(s) No.	:	Amigo 7Y, AMIGO 7Y, Amigo 7Yzzzzzzzz, AMIGO 7Yzzzzzzzz (zzzzzzzz can be combination of A-Z, a-z, 0-9, "-", "/", "blank" for marketing purpose)
Brand Name	:	AMINO
Sample ID	:	202302-0069-5-1#&202302-0069-5-2#
Receipt Date	:	2023-04-06
Test Date	:	2023-04-07 to 2023-12-23
Issue Date	:	2023-12-25
Standards	:	FCC Part 15 Subpart E 15.407 RSS-247 Issue 3 August 2023 RSS-Gen Issue 5 Amendment 2 February 2021
Test Method	:	ANSI C63.10: 2013 KDB 789033 D02 General UNII Test Procedures New Rules v02r01 KDB 662911 D01 Multiple Transmitter Output v02r01
Conclusions	:	**PASS** In the configuration tested, the EUT complied with the standards specified above.

Witness Engineer	:	Seven Wu
Engineer Supervisor	:	Ivan Su
Engineer Manager	:	Ray Lai

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.

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Contents

Revision History

Report No.	Version	Description	Issued Date
TBR-C-202302-0069-53	Rev.01	Initial issue of report	2023-12-25

1. General Information about EUT

1.1 Client Information

Applicant	:	Amino Communications Ltd
Address	:	1010 Cambourne Business Park, Cambourne, Cambridge, CB23 6DP, United Kingdom.
Manufacturer	:	Shenzhen SDMC Technology Co., Ltd.
Address	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China

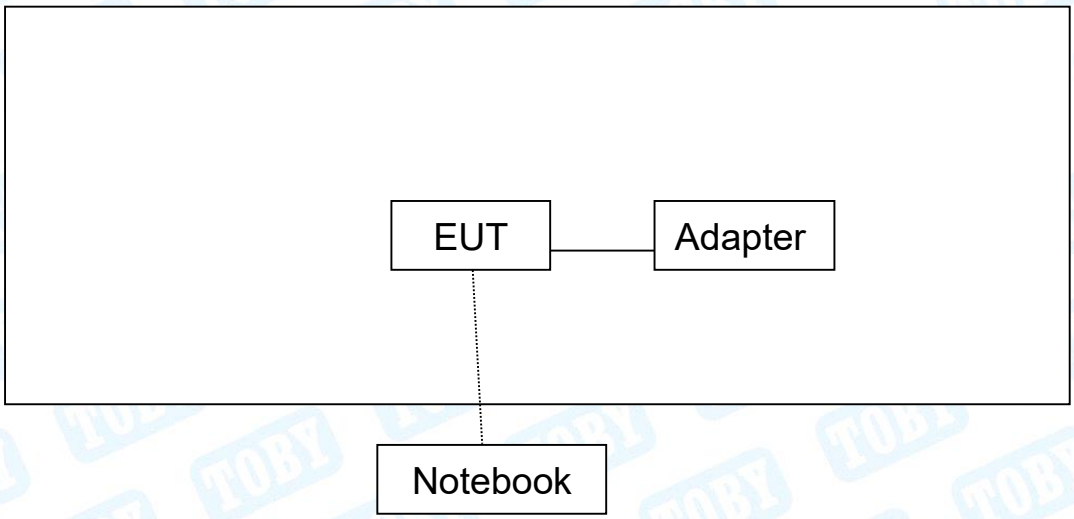
1.2 General Description of EUT (Equipment Under Test)

<table>
<tr><td colspan="2">EUT Name</td><td>:</td><td colspan="4">IPTV Receiver</td></tr>
<tr><td>For IC</td><td>Model No.</td><td>:</td><td colspan="4">AMIGO 7Y</td></tr>
<tr><td rowspan="2">For FCC</td><td>Models No.</td><td>:</td><td colspan="4">Amigo 7Y, Amigo 7Yzzzzzzzz, AMIGO 7Yzzzzzzzz (zzzzzzzz can be combination of A-Z, a-z, 0-9, “-”, “/”, “blank” for marketing purpose)</td></tr>
<tr><td>Model Different</td><td>:</td><td colspan="4">All these models are identical in the same PCB, layout and electrical circuit, The only difference is model name for marketing purpose.</td></tr>
<tr><td colspan="2" rowspan="6">Product Description</td><td rowspan="6">:</td><td colspan="4">Operation Frequency:
U-NII-1: 5180MHz~5240MHz, U-NII-2A: 5260MHz~5320MHz
U-NII-2C: 5500MHz~5720MHz, U-NII-3: 5745MHz~5825MHz</td></tr>
<tr><td rowspan="5">Antenna Designation:</td><td>PIFA Ant.</td><td>Gain-Ant.1(A)</td><td>Gain-Ant.2(B)</td></tr>
<tr><td>U-NII-1</td><td>3.35 dBi</td><td>3.06 dBi</td></tr>
<tr><td>U-NII-2A</td><td>3.11 dBi</td><td>2.33 dBi</td></tr>
<tr><td>U-NII-2C</td><td>1.97 dBi</td><td>2.24 dBi</td></tr>
<tr><td>U-NII-3</td><td>2.26 dBi</td><td>2.22 dBi</td></tr>
<tr><td>Modulation Type:</td><td colspan="3">802.11a: OFDM (QPSK, BPSK, 16QAM, 64QAM)
802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM)
802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
802.11ax: OFDMA (BPSK, QPSK,16QAM, 64QAM, 256QAM, 1024QAM)</td></tr>
<tr><td colspan="2">Power Rating</td><td>:</td><td colspan="4">AC Adapter 1# (Model: SA12BV-120100U SUNUN):
Input: 100-240V~50/60Hz, 0.4A
Output: 12.0V⎓1.0A 12W
AC Adapter 2# (Model: DCT12W120100US-A0 DACHUAN):
Input: 100-240V~50/60Hz, 0.3A Max.
Output: 12.0V⎓1.0A 12W</td></tr>
<tr><td colspan="2">Software Version</td><td>:</td><td colspan="4">Android 12</td></tr>
<tr><td colspan="2">Hardware Version</td><td>:</td><td colspan="4">MB.024.B</td></tr>
<tr><td colspan="7">Remark:
(1)The antenna gain and adapter provided by the manufacturer, 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.</td></tr>
</table>

(3)Channel List:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180~5240MHz **(U-NII-1)**	36	5180 MHz	44	5220 MHz
	38	5190 MHz	46	5230 MHz
	40	5200 MHz	48	5240 MHz
	42	5210 MHz		
For 20 MHz Bandwidth, use channel 36, 40, 44, 48. For 40 MHz Bandwidth, use channel 38, 46. For 80 MHz Bandwidth, use channel 42.				
Frequency Band	**Channel No.**	**Frequency**	**Channel No.**	**Frequency**
5260~5320 MHz **(U-NII-2A)**	52	5260 MHz	60	5300 MHz
	54	5270 MHz	62	5310MHz
	56	5280MHz	64	5320 MHz
	58	5290MHz		
For 20 MHz Bandwidth, use channel 52, 56, 60, 64. For 40 MHz Bandwidth, use channel 54, 62. For 80 MHz Bandwidth, use channel 58.				
Frequency Band	**Channel No.**	**Frequency**	**Channel No.**	**Frequency**
5500~5720 MHz **(U-NII-2C)**	100	5500 MHz	124	5620 MHz
	102	5510 MHz	126	5630 MHz
	104	5520 MHz	128	5640 MHz
	106	5530 MHz	132	5660 MHz
	108	5540 MHz	134	5670 MHz
	110	5550 MHz	136	5680 MHz
	112	5560 MHz	138	5690 MHz
	116	5580 MHz	140	5700 MHz
	118	5590 MHz	142	5710 MHz
	120	5600 MHz	144	5720 MHz
	122	5610 MHz		
For 20 MHz Bandwidth, use channel 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144 For 40 MHz Bandwidth, use channel 102, 110, 118, 126, 134, 142 For 80 MHz Bandwidth, use channel 106, 122, 138				
Note: For the protection of Environment, the 5600-5650MHz band restricted in Canada. So the CH 118/120/122/124/126/128 was restricted use in Canada.				
Frequency Band	**Channel No.**	**Frequency**	**Channel No.**	**Frequency**
5745~5825MHz **(U-NII-3)**	149	5745 MHz	157	5785 MHz
	151	5755 MHz	159	5795 MHz
	153	5765 MHz	161	5805 MHz
	155	5775 MHz	165	5825 MHz
For 20 MHz Bandwidth, use channel 149, 153, 157, 161, 165. For 40 MHz Bandwidth, use channel 151, 159. For 80 MHz Bandwidth, use channel 155.				

1.3 Block Diagram Showing the Configuration of System Tested



1.4 Description of Support Units

Equipment Information				
Name	**Model**	**S/N**	**Manufacturer**	**Used "√"**
Notebook	Inspiron 5493	-----	DELL	√

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(AC POWER)		
Final Test Mode	**Description**	
Mode 1	TX a Mode(5180MHz)	
For Radiated Test Below 1GHz		
Final Test Mode	**Description**	
Mode 2	TX a Mode(5180MHz)	
For Radiated Above 1GHz and RF Conducted Test		
Test Band	**Final Test Mode**	**Description**
U-NII-1	Mode 3	TX Mode 802.11a Mode Channel 36/40/48
	Mode 4	TX Mode 802.11n(HT20) Mode Channel 36/40/48
	Mode 5	TX Mode 802.11ac(VHT20) Mode Channel 36/40/48
	Mode 6	TX Mode 802.11ax(HE20) Mode Channel 36/40/48
	Mode 7	TX Mode 802.11n(HT40) Mode Channel 38/46
	Mode 8	TX Mode 802.11ac(VHT40) Mode Channel 38/46
	Mode 9	TX Mode 802.11ax(HE40) Mode Channel 38/46
	Mode 10	TX Mode 802.11ac(VHT80) Mode Channel 42
	Mode 11	TX Mode 802.11ax(HE80) Mode Channel 42
U-NII-2A	Mode 12	TX Mode 802.11a Mode Channel 52/56/64
	Mode 13	TX Mode 802.11n(HT20) Mode Channel 52/56/64
	Mode 14	TX Mode 802.11ac(VHT20) Mode Channel 5256/64
	Mode 15	TX Mode 802.11ax(HE20) Mode Channel 52/56/64
	Mode 16	TX Mode 802.11n(HT40) Mode Channel 54/62
	Mode 17	TX Mode 802.11ac(VHT40) Mode Channel 54/62
	Mode 18	TX Mode 802.11ax(HE40) Mode Channel 54/62
	Mode 19	TX Mode 802.11ac(VHT80) Mode Channel 58
	Mode 20	TX Mode 802.11ax(HE80) Mode Channel 58
U-NII-2C	Mode 21	TX Mode 802.11a Mode Channel 100/116/140
	Mode 22	TX Mode 802.11n(HT20) Mode Channel 100/116/140/144
	Mode 23	TX Mode 802.11ac(VHT20) Mode Channel 100/116/140/144
	Mode 24	TX Mode 802.11ax(HE20) Mode Channel 100/116/140/144
	Mode 25	TX Mode 802.11n(HT40) Mode Channel 102/110/134/142
	Mode 26	TX Mode 802.11ac(VHT40) Mode Channel 102/110/134/142
	Mode 27	TX Mode 802.11ax(HE40) Mode Channel 102/110/134/142
	Mode 28	TX Mode 802.11ac(VHT80) Mode Channel 106/122/138
	Mode 29	TX Mode 802.11ax(HE80) Mode Channel 106/122/138
U-NII-3	Mode 30	TX Mode 802.11a Mode Channel 149/157/165
	Mode 31	TX Mode 802.11n(HT20) Mode Channel 149/157/165
	Mode 32	TX Mode 802.11ac(VHT20) Mode Channel 149/157/165
	Mode 33	TX Mode 802.11ax(HE20) Mode Channel 149/157/165
	Mode 34	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 35	TX Mode 802.11ac(VHT40) Mode Channel 151/159
	Mode 36	TX Mode 802.11ax(HE40) Mode Channel 151/159
	Mode 37	TX Mode 802.11ac(VHT80) Mode Channel 155
	Mode 38	TX Mode 802.11ax(HE80) Mode Channel 155

Note:

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

According to ANSI C63.10 standards, the measurements are performed at the highest,

middle, lowest available channels, and the worst case data rate as follows:
802.11a Mode: OFDM (6 Mbps)
802.11n (HT20) Mode: MCS 8
802.11n (HT40) Mode: MCS 8
802.11ac(VHT20) Mode: MCS 0/ Nss1
802.11ac(VHT40) Mode: MCS 0/ Nss1
802.11ac(VHT80) Mode: MCS 0/ Nss1
802.11ax(HE20) Mode: MCS 0/ Nss1
802.11ax(HE40) Mode: MCS 0/ Nss1
802.11ax(HE80) Mode: MCS 0/ Nss1

(2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.

(3) The EUT is considered a Mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

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.

Test Software: adb command			
U-NII-1			
Mode	Frequency (MHz)	Parameters	
		Ant.1	Ant.2
802.11a	5180	22	22
	5200	22	22
	5240	22	22
802.11n(HT20)	5180	20	20
	5200	20	20
	5240	20	20
802.11ac(VHT20)	5180	19	19
	5200	19	19
	5240	19	19
802.11ax(HE20)	5180	19	19
	5200	19	19
	5240	19	19
802.11n(HT40)	5190	18	18
	5230	18	18
802.11ac(VHT40)	5190	18	18
	5230	18	18
802.11ax(HE40)	5190	18	18
	5230	18	18
802.11ac(VHT80)	5210	17	17
802.11ax(HE80)	5210	17	17
U-NII-2A			
Mode	Frequency (MHz)	Parameters	
		Ant.1	Ant.2
802.11a	5260	22	22
	5280	22	22
	5320	22	22
802.11n(HT20)	5260	20	20
	5280	20	20
	5320	20	20
802.11ac(VHT20)	5260	19	19
	5280	19	19
	5320	19	19
802.11ax(HE20)	5260	19	19
	5280	19	19
	5320	19	19
802.11n(HT40)	5270	17	17
	5310	17	17
802.11ac(VHT40)	5270	17	17
	5310	17	17
802.11ax(HE40)	5270	17	17
	5310	17	17
802.11ac(VHT80)	5290	17	17
802.11ax(HE80)	5290	17	17

U-NII-2C			
Mode	Frequency (MHz)	Parameters	
		Ant.1	Ant.2
802.11a	5500	22	22
	5580	22	22
	5700	22	22
	5720	22	22
802.11n(HT20)	5500	20	20
	5580	20	20
	5700	20	20
	5720	20	20
802.11ac(VHT20)	5500	20	20
	5580	20	20
	5700	20	20
	5720	20	20
802.11ax(HE20)	5500	20	20
	5580	20	20
	5700	20	20
	5720	20	20
802.11n(HT40)	5510	18	18
	5550	18	18
	5670	18	18
	5710	18	18
802.11ac(VHT40)	5510	18	18
	5550	18	18
	5670	18	18
	5710	18	18
802.11ax(HE40)	5510	18	18
	5550	18	18
	5670	18	18
	5710	18	18
802.11ac(VHT80)	5530	17	17
	5610	17	17
	5690	17	17
802.11ax(HE80)	5530	17	17
	5610	17	17
	5690	17	17

U-NII-3			
Mode	Frequency (MHz)	Parameters	
		Ant.1	Ant.2
802.11a	5745	24	24
	5785	24	24
	5825	24	24
802.11n(HT20)	5745	24	24
	5785	24	24
	5825	24	24
802.11ac(VHT20)	5745	24	24
	5785	24	24
	5825	24	24
802.11ax(HE20)	5745	24	24
	5785	24	24
	5825	24	24
802.11n(HT40)	5755	24	24
	5795	24	24
802.11ac(VHT40)	5755	24	24
	5795	24	24
802.11ax(HE40)	5755	24	24
	5795	24	24
802.11ac(VHT80)	5775	20	20
802.11ax(HE80)	5775	20	20
Note: 802.11n/ac/ax Support MIMO.			

1.7 Measurement Uncertainty

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

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

1.8 Test Facility

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

CNAS (L5813)

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

A2LA Certificate No.: 4750.01

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

IC Registration No.: (11950A)

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

2. Test Summary

Standard Section		Test Item	Test Sample(s)	Judgment	Remark
FCC	IC				
FCC 15.207(a)	RSS-Gen 8.8	Conducted Emission	202302-0069-5-1#	PASS	N/A
FCC 15.209 & 15.407(b)	RSS-Gen 8.9 & RSS 247 5.5	Radiated Unwanted Emissions	202302-0069-5-1#	PASS	N/A
FCC 15.203	RSS-247 6.8	Antenna Requirement	202302-0069-5-2#	PASS	N/A
FCC 15.407(a)	RSS-247(6.2.1.2)	-26dB Emission Bandwidth	202302-0069-5-1#	PASS	N/A
FCC 15.407(a)	RSS-247(6.2.1.2)	99% Occupied Bandwidth	202302-0069-5-1#	PASS	N/A
FCC 15.407(e)	RSS-247(6.2.4.1)	-6dB Min Emission Bandwidth	202302-0069-5-1#	PASS	N/A
FCC 15.407(a)	RSS-247(6.2.1.1& 6.2.2.1&6.2.3.1& 6.2.4.1)	Maximum Conducted Output Power	202302-0069-5-1#	PASS	N/A
FCC 15.407(a)	RSS-247(6.2.1.1& 6.2.2.1&6.2.3.1& 6.2.4.1)	Power Spectral Density	202302-0069-5-1#	PASS	N/A
FCC 15.407(b)& 15.205	RSS-Gen 8.10& RSS-247 5.5	Emissions in Restricted Bands	202302-0069-5-1#	PASS	N/A
FCC 15.407(b)&15.209	RSS-Gen 8.9 & RSS 247 5.5	Conducted Unwanted Emissions	202302-0069-5-2#	PASS	N/A
FCC 15.407(g)	RSS-Gen 8.11	Frequency Stability	202302-0069-5-1#	PASS	N/A
/	/	On Time and Duty Cycle	202302-0069-5-1#	/	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
Radiation Emission	EZ-EMC	EZ	FA-03A2RE+
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0
RF Test System	JS1120	Tonscend	V3.2.22

4. Test Equipment

Conducted Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 23, 2022	Jun. 22, 2023
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 23, 2022	Jun. 22, 2023
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 22, 2022	Jun. 21, 2023
LISN	Rohde & Schwarz	ENV216	101131	Jun. 22, 2022	Jun. 21, 2023
Radiation Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 01, 2022	Aug. 31, 2023
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 23, 2022	Jun. 22, 2023
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 22, 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
Pre-amplifier	HP	8449B	3008A00849	Feb. 22, 2023	Feb.22, 2024
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 Conducted Emission					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 23, 2022	Jun. 22, 2023
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 01, 2022	Aug. 31, 2023
Spectrum Analyzer	KEYSIHGT	N9020B	MY60110172	Sep. 01, 2022	Aug. 31, 2023
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 01, 2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 01, 2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 01, 2022	Aug. 31, 2023
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Sep. 01, 2022	Aug. 31, 2023
RF Control Unit	Tonsced	JS0806-2	21F8060439	Sep. 01, 2022	Aug. 31, 2023
Power Control Box	Tonsced	JS0806-4ADC	21C8060387	N/A	N/A

Conducted Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 20, 2023	Jun. 19, 2024
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 20, 2023	Jun. 19, 2024
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
Radiation Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 30, 2023	Aug. 29, 2024
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 22, 2023	Feb.22, 2024
Bilog Antenna	SCHWARZBECK	VULB 9168	1225	Nov. 13, 2023	Nov. 12, 2025
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	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 30, 2023	Aug. 29, 2024
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 30, 2023	Aug. 29, 2024
Pre-amplifier	HP	8449B	3008A00849	Feb. 22, 2023	Feb.22, 2024
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 Conducted Emission					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 20, 2023	Jun. 19, 2024
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Aug. 30, 2023	Aug. 29, 2024
Spectrum Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 30, 2023	Aug. 29, 2024
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 30, 2023	Aug. 29, 2024
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 30, 2023	Aug. 29, 2024
RF Control Unit	Tonsced	JS0806-2	21F8060439	Aug. 30, 2023	Aug. 29, 2024
Power Control Box	Tonsced	JS0806-4ADC	21C8060387	N/A	N/A

5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

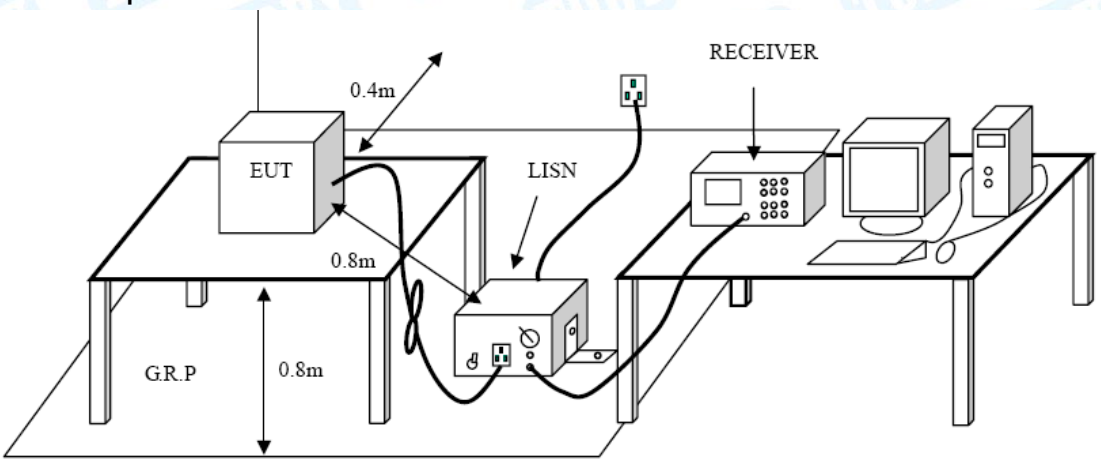
RSS-Gen 8.8
FCC Part 15.207

5.1.2 Test Limit

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

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

5.2 Test Setup



5.3 Test Procedure

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

5.4 Deviation From Test Standard

No deviation

5.5 EUT Operating Mode

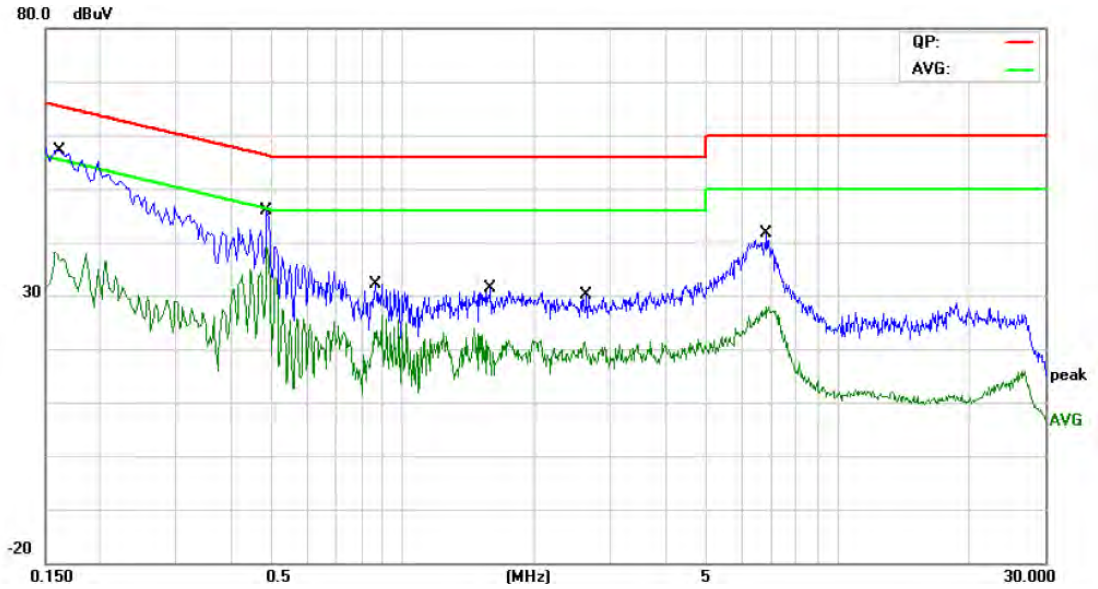
Please refer to the description of test mode.

5.6 Test Data

Please refer to the following pages.

---Test Data

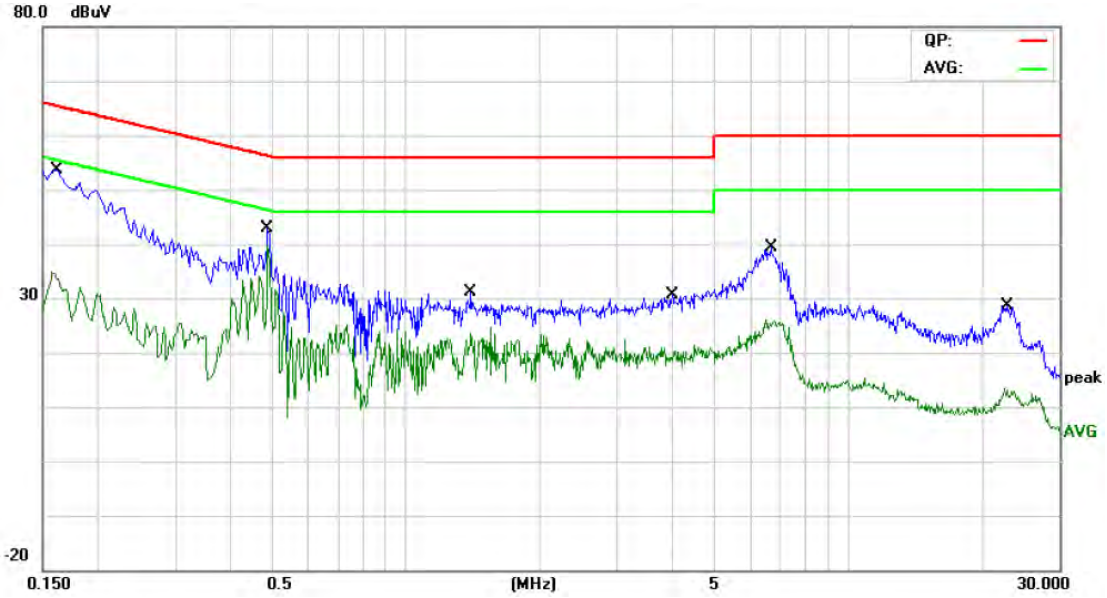
Temperature:	24.6℃	**Relative Humidity:**	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Line		
Test Mode:	Mode 1 with adapter 1#		
Remark:	Only worse case is reported.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1620	46.12	11.08	57.20	65.36	-8.16	QP
2		0.1620	27.10	11.08	38.18	55.36	-17.18	AVG
3		0.4860	35.01	10.93	45.94	56.24	-10.30	QP
4	*	0.4860	28.10	10.93	39.03	46.24	-7.21	AVG
5		0.8620	21.47	10.77	32.24	56.00	-23.76	QP
6		0.8620	15.57	10.77	26.34	46.00	-19.66	AVG
7		1.5859	20.76	10.57	31.33	56.00	-24.67	QP
8		1.5859	12.25	10.57	22.82	46.00	-23.18	AVG
9		2.6420	19.80	10.30	30.10	56.00	-25.90	QP
10		2.6420	11.19	10.30	21.49	46.00	-24.51	AVG
11		6.9378	31.69	10.03	41.72	60.00	-18.28	QP
12		6.9378	17.91	10.03	27.94	50.00	-22.06	AVG

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

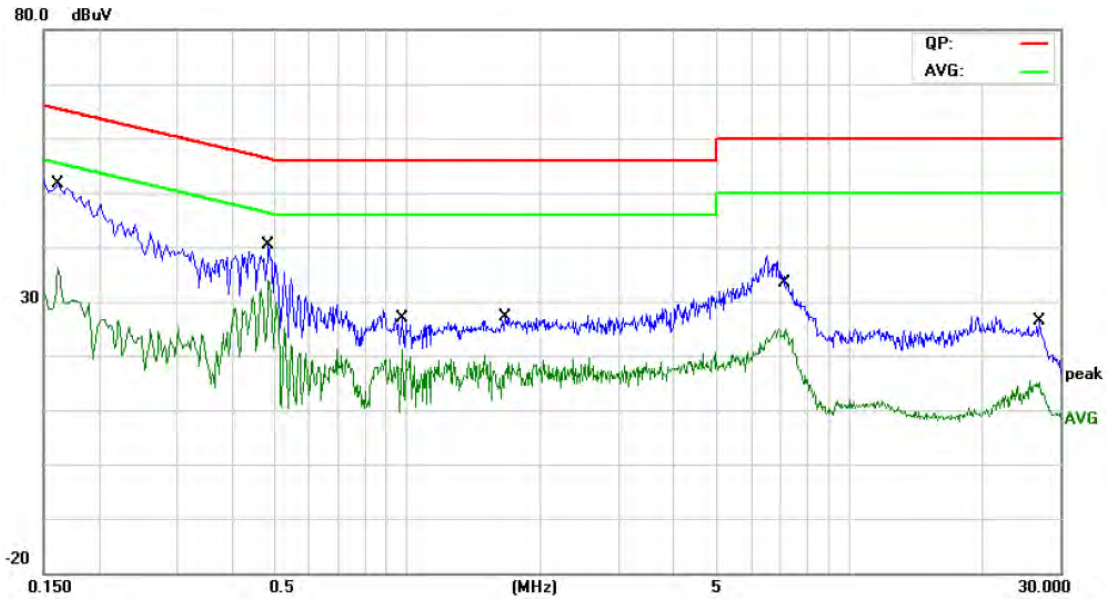
Temperature:	24.6℃	**Relative Humidity:**	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Neutral		
Test Mode:	Mode 1 with adapter 1#		
Remark:	Only worse case is reported.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1620	42.62	11.08	53.70	65.36	-11.66	QP
2		0.1620	23.22	11.08	34.30	55.36	-21.06	AVG
3		0.4860	31.85	10.93	42.78	56.24	-13.46	QP
4	*	0.4860	28.61	10.93	39.54	46.24	-6.70	AVG
5		1.3980	20.54	10.61	31.15	56.00	-24.85	QP
6		1.3980	13.03	10.61	23.64	46.00	-22.36	AVG
7		3.9940	20.46	10.09	30.55	56.00	-25.45	QP
8		3.9940	10.72	10.09	20.81	46.00	-25.19	AVG
9		6.6940	29.28	10.03	39.31	60.00	-20.69	QP
10		6.6940	16.00	10.03	26.03	50.00	-23.97	AVG
11		22.5580	17.95	10.78	28.73	60.00	-31.27	QP
12		22.5580	2.59	10.78	13.37	50.00	-36.63	AVG

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

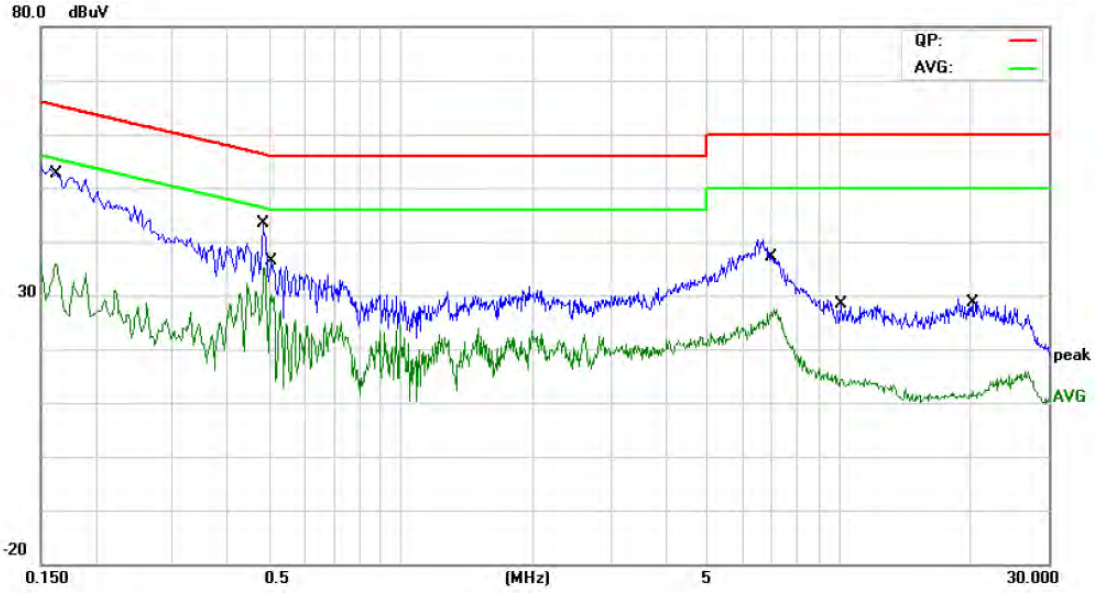
Temperature:	24.6℃	**Relative Humidity:**	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Line		
Test Mode:	Mode 1 with adapter 2#		
Remark:	Only worse case is reported.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1620	41.45	11.08	52.53	65.36	-12.83	QP
2		0.1620	25.07	11.08	36.15	55.36	-19.21	AVG
3		0.4860	29.33	10.93	40.26	56.24	-15.98	QP
4	*	0.4860	23.03	10.93	33.96	46.24	-12.28	AVG
5		0.9740	17.57	10.70	28.27	56.00	-27.73	QP
6		0.9740	10.53	10.70	21.23	46.00	-24.77	AVG
7		1.6700	16.59	10.56	27.15	56.00	-28.85	QP
8		1.6700	9.57	10.56	20.13	46.00	-25.87	AVG
9		7.1780	28.42	10.03	38.45	60.00	-21.55	QP
10		7.1780	14.86	10.03	24.89	50.00	-25.11	AVG
11		26.8820	15.46	10.83	26.29	60.00	-33.71	QP
12		26.8820	4.46	10.83	15.29	50.00	-34.71	AVG

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

Temperature:	24.6℃	**Relative Humidity:**	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Neutral		
Test Mode:	Mode 1 with adapter 2#		
Remark:	Only worse case is reported.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1621	42.57	11.08	53.65	65.36	-11.71	QP
2		0.1621	24.85	11.08	35.93	55.36	-19.43	AVG
3		0.4820	32.35	10.93	43.28	56.30	-13.02	QP
4	*	0.4820	24.27	10.93	35.20	46.30	-11.10	AVG
5		0.5100	24.34	10.94	35.28	56.00	-20.72	QP
6		0.5100	17.90	10.94	28.84	46.00	-17.16	AVG
7		7.0740	30.31	10.03	40.34	60.00	-19.66	QP
8		7.0740	17.41	10.03	27.44	50.00	-22.56	AVG
9		10.1220	18.32	10.14	28.46	60.00	-31.54	QP
10		10.1220	6.25	10.14	16.39	50.00	-33.61	AVG
11		20.1020	18.64	10.74	29.38	60.00	-30.62	QP
12		20.1020	1.38	10.74	12.12	50.00	-37.88	AVG

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

6. Radiated and Conducted Unwanted Emissions

6.1 Test Standard and Limit

6.1.1 Test Standard

RSS-Gen 8.9 & RSS 247 5.5

FCC Part 15.209 & FCC Part 15.407(b)

6.1.2 Test Limit

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

General field strength limits at frequencies Below 30MHz		
Frequency (MHz)	**Field Strength (microvolt/meter)**	**Measurement Distance (meters)**
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
Note: 1, The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.		

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

General field strength limits at frequencies Above 1000MHz		
Frequency (MHz)	**Distance of 3m (dBuV/m)**	
	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)
(3) For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

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

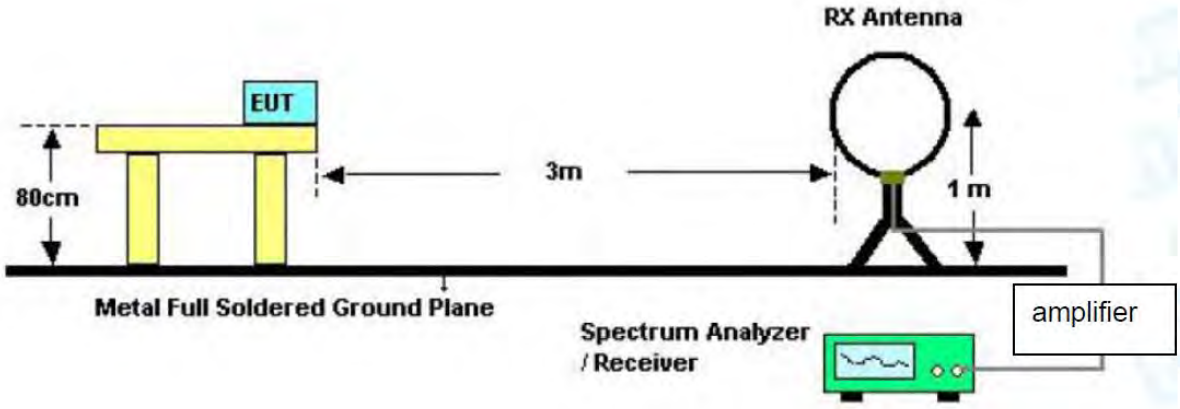
NOTE:
1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

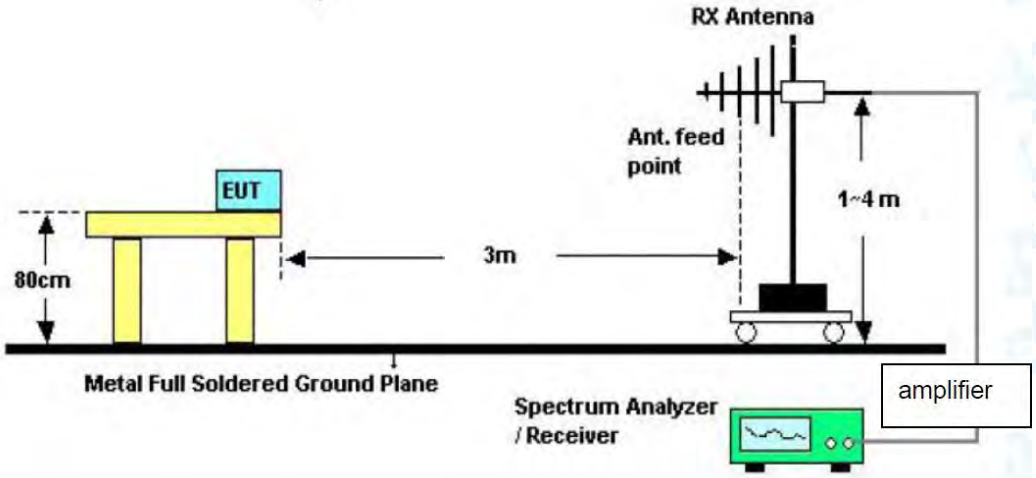
2, According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.
3, For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

6.2 Test Setup

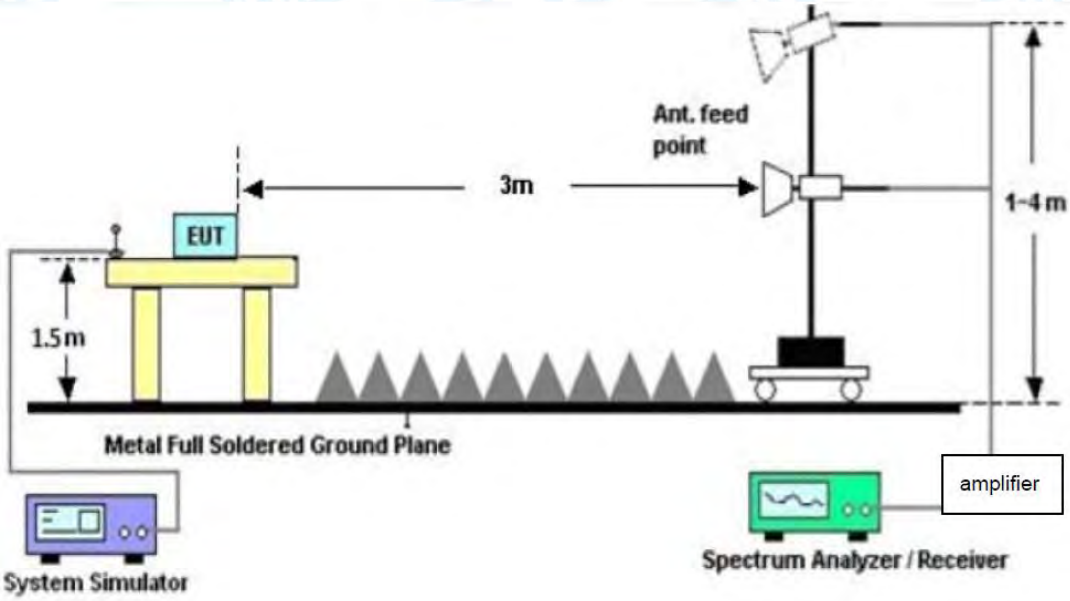
Radiated measurement



Below 30MHz Test Setup

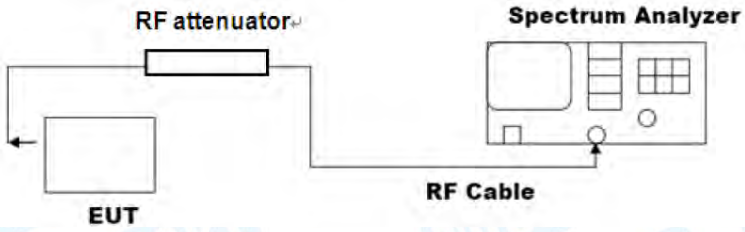


Below 1000MHz Test Setup



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

Please refer to the following pages.

---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

Temperature:	23.9℃	**Relative Humidity:**	44%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	Mode 2 with adapter 1#		
Remark:	Only worse case is reported.		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	61.9950	49.34	-23.80	25.54	40.00	-14.46	QP	P
2	166.6513	48.37	-22.71	25.66	43.50	-17.84	QP	P
3	215.2678	47.57	-24.16	23.41	43.50	-20.09	QP	P
4	570.6100	42.10	-13.56	28.54	46.00	-17.46	QP	P
5	661.1504	42.83	-11.78	31.05	46.00	-14.95	QP	P
6	801.7863	40.35	-9.02	31.33	46.00	-14.67	QP	P

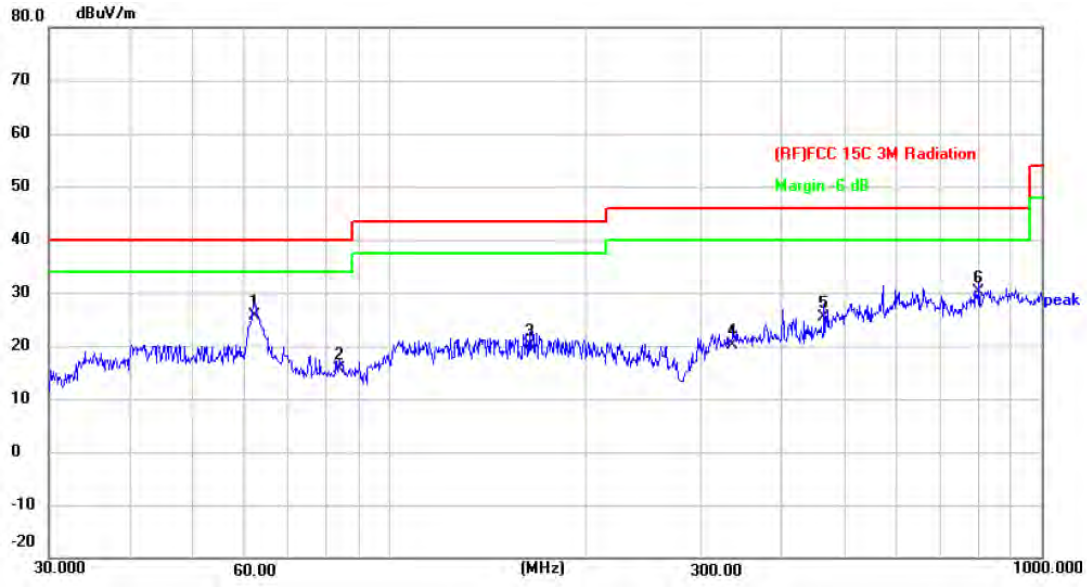
Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Temperature:	23.9℃	Relative Humidity:	44%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	Mode 2 with adapter 1#		
Remark:	Only worse case is reported.		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	62.2128	52.36	-23.82	28.54	40.00	-11.46	QP	P
2	112.9196	48.71	-24.46	24.25	43.50	-19.25	QP	P
3	129.0146	46.55	-23.30	23.25	43.50	-20.25	QP	P
4	463.9696	37.34	-16.29	21.05	46.00	-24.95	QP	P
5	568.6127	33.86	-13.61	20.25	46.00	-25.75	QP	P
6	793.3960	40.49	-9.24	31.25	46.00	-14.75	QP	P

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)

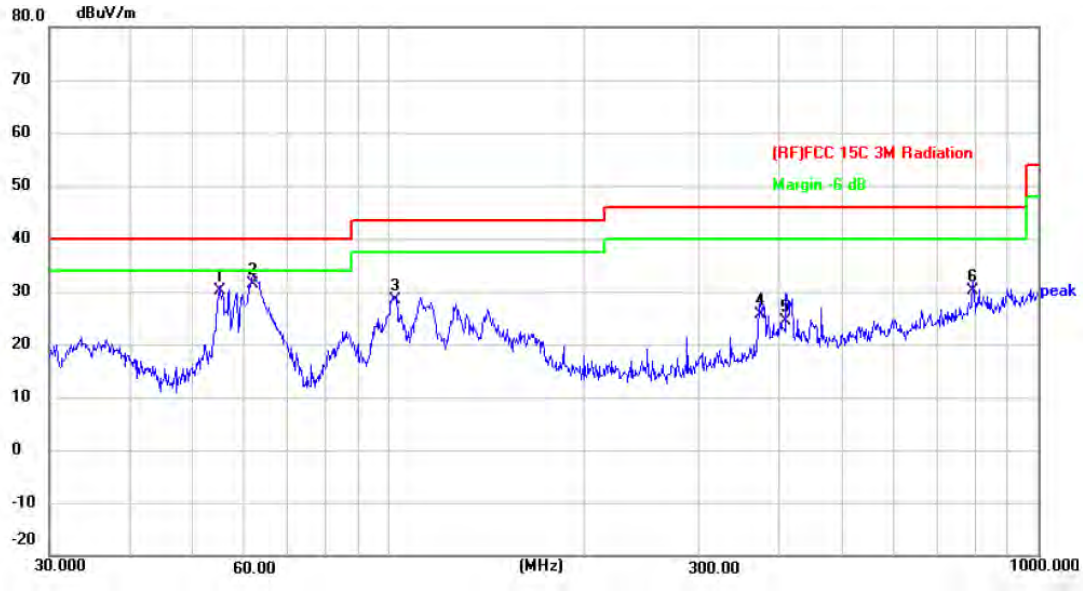
Temperature:	23.9℃	Relative Humidity:	44%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	Mode 2 with adapter 2#		
Remark:	Only worse case is reported.		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	61.9949	49.34	-23.80	25.54	40.00	-14.46	QP	P
2	83.5220	42.44	-26.86	15.58	40.00	-24.42	QP	P
3	163.7547	42.51	-22.46	20.05	43.50	-23.45	QP	P
4	336.0350	40.03	-19.87	20.16	46.00	-25.84	QP	P
5	463.9696	41.76	-16.29	25.47	46.00	-20.53	QP	P
6	801.7862	39.27	-9.02	30.25	46.00	-15.75	QP	P

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)

Temperature:	23.9℃	Relative Humidity:	44%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	Mode 2 with adapter 2#		
Remark:	Only worse case is reported.		



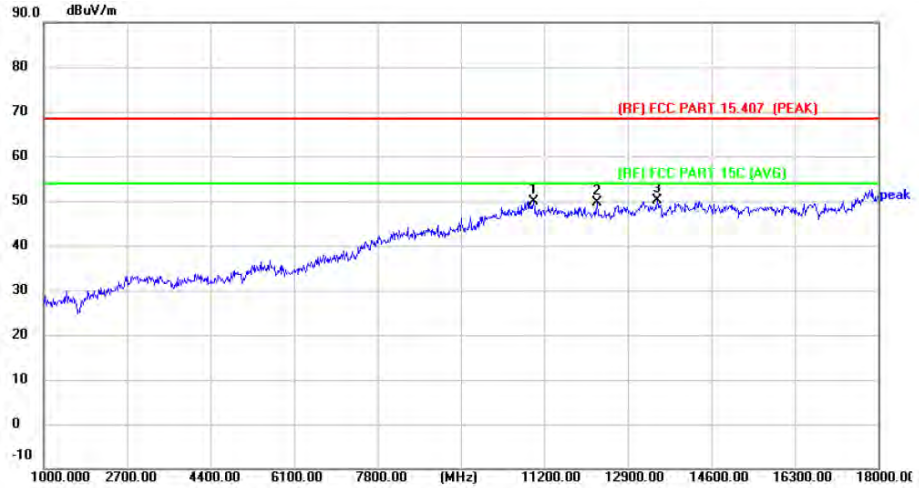
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	54.8348	53.11	-23.06	30.05	40.00	-9.95	QP	P
2 *	61.7781	55.14	-23.79	31.35	40.00	-8.65	QP	P
3	102.3597	53.95	-25.47	28.48	43.50	-15.02	QP	P
4	373.3112	44.24	-18.68	25.56	46.00	-20.44	QP	P
5	408.9460	42.00	-17.67	24.33	46.00	-21.67	QP	P
6	793.3960	39.38	-9.24	30.14	46.00	-15.86	QP	P

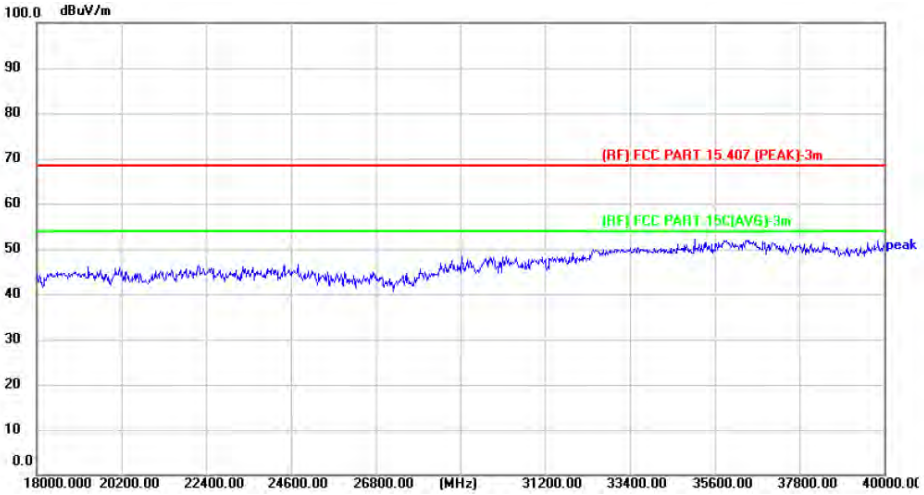
Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Above 1GHz

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5180MHz		

Horizontal



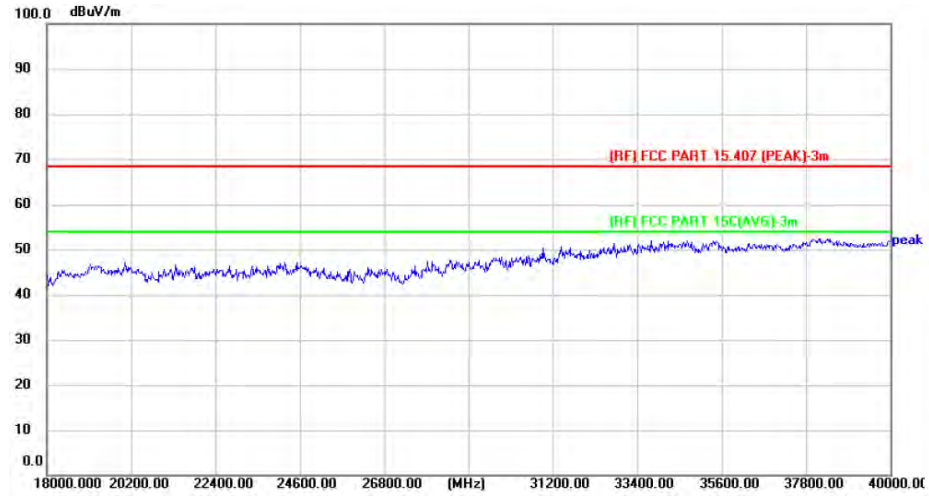


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10979.000	41.75	8.18	49.93	68.30	-18.37	peak	P
2	12271.000	40.65	9.04	49.69	68.30	-18.61	peak	P
3 *	13495.000	39.96	10.11	50.07	68.30	-18.23	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise, No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5180MHz		

Vertical

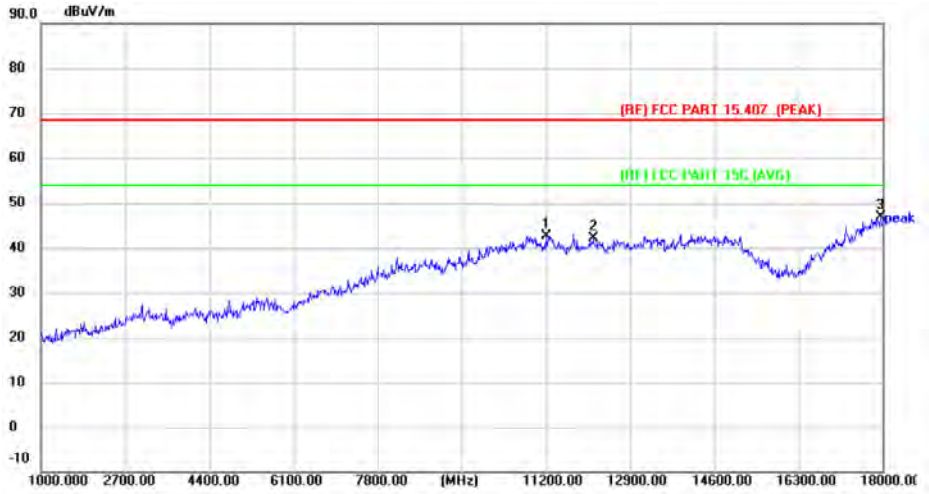


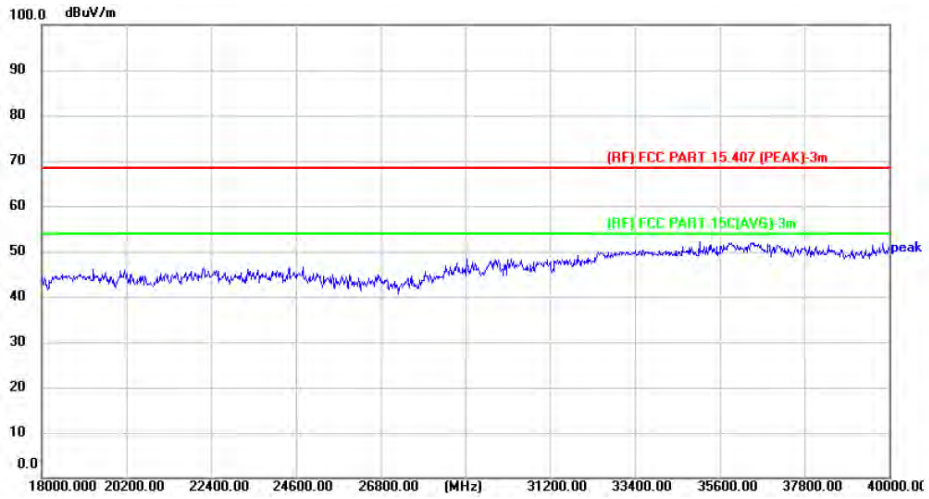
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	10367.000	45.22	6.15	51.37	68.30	-16.93	peak	P
2	13495.000	40.11	10.11	50.22	68.30	-18.08	peak	P
3	14260.000	40.71	10.29	51.00	68.30	-17.30	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5200MHz		

Horizontal



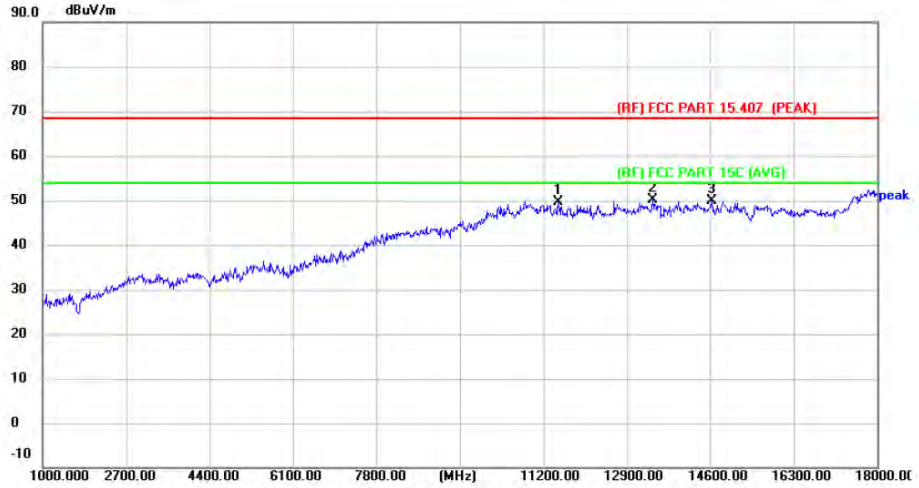


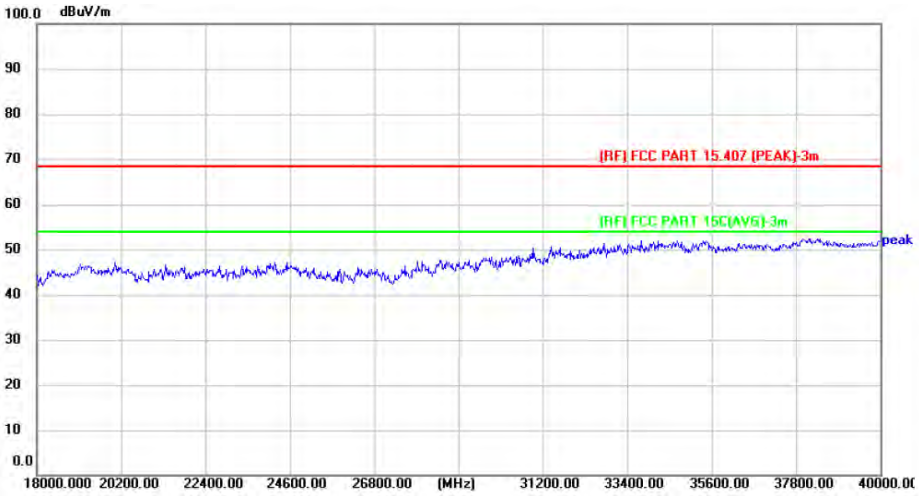
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11200.000	44.64	-2.09	42.55	68.30	-25.75	peak	P
2	12152.000	42.79	-0.76	42.03	68.30	-26.27	peak	P
3 *	17966.000	39.19	7.71	46.90	68.30	-21.40	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise, No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5200MHz		

Vertical



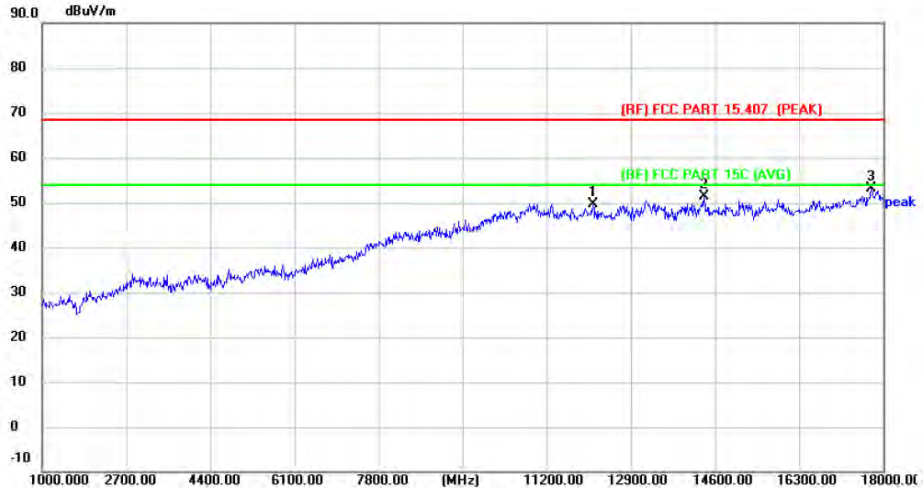


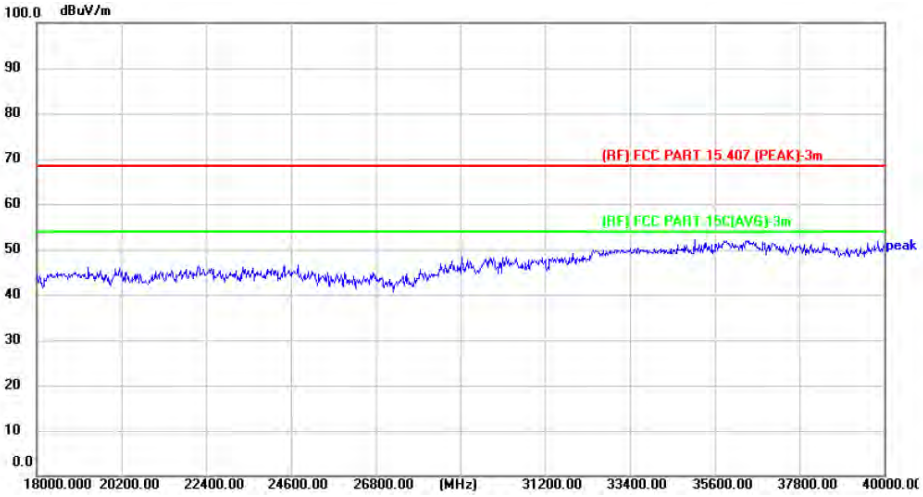
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11506.000	40.65	8.97	49.62	68.30	-18.68	peak	P
2 *	13427.000	39.99	10.16	50.15	68.30	-18.15	peak	P
3	14634.000	38.93	10.87	49.80	68.30	-18.50	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5240MHz		

Horizontal



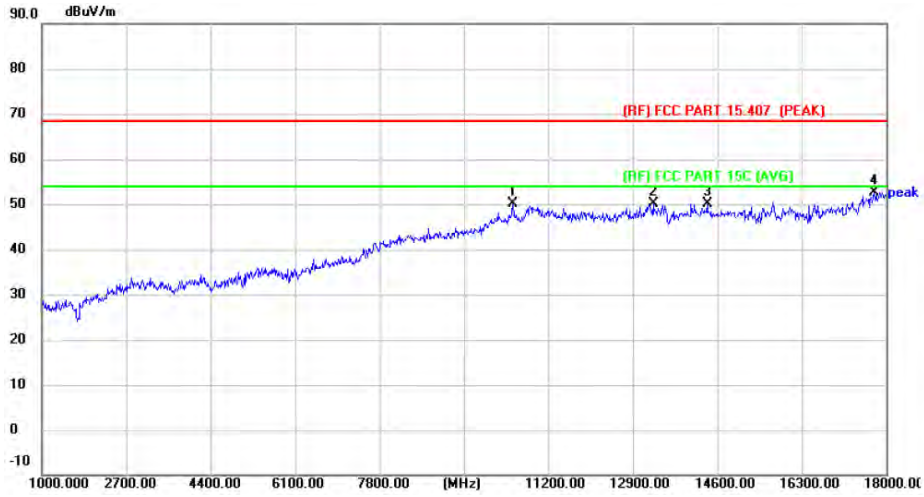


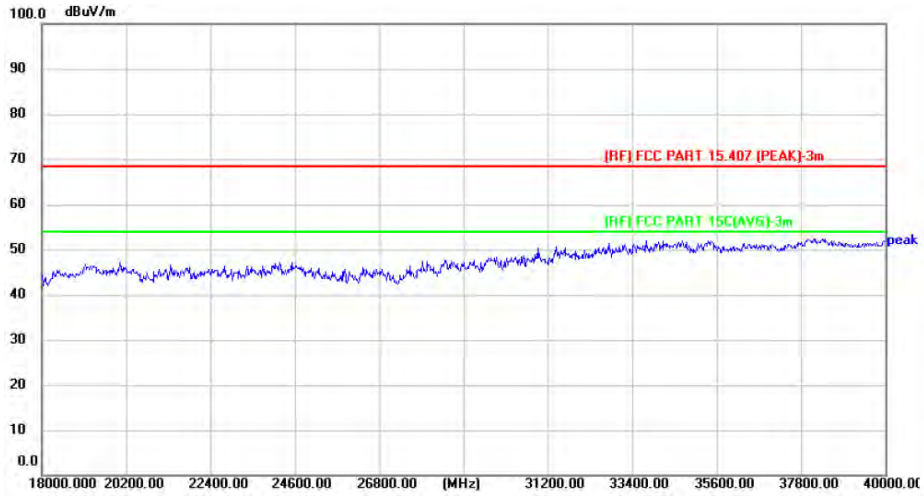
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12135.000	40.44	9.30	49.74	68.30	-18.56	peak	P
2	14379.000	40.53	10.85	51.38	68.30	-16.92	peak	P
3 *	17762.000	36.66	16.41	53.07	68.30	-15.23	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5240MHz		

Vertical



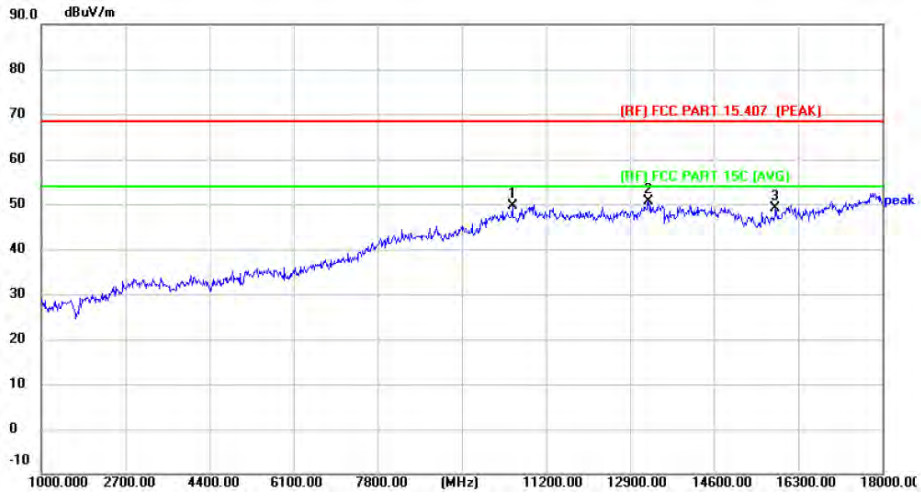


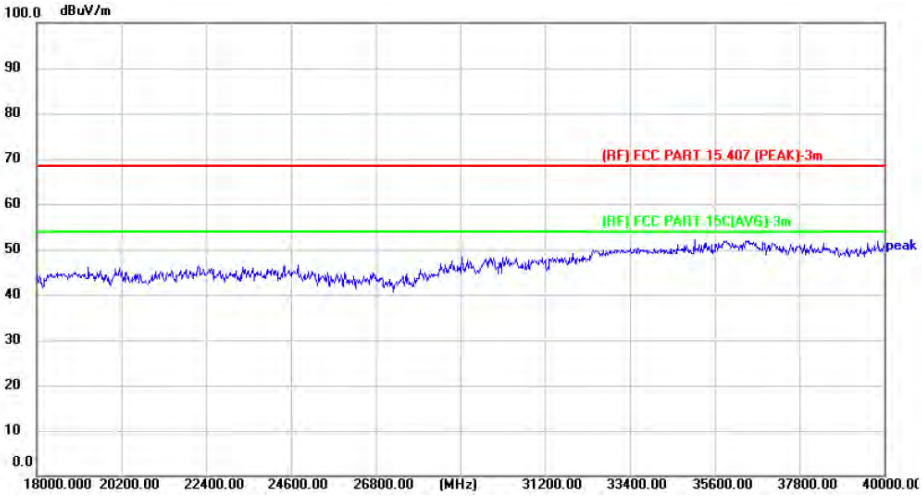
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10486.000	43.62	6.42	50.04	68.30	-18.26	peak	P
2	13308.000	40.44	9.81	50.25	68.30	-18.05	peak	P
3	14396.000	39.07	10.96	50.03	68.30	-18.27	peak	P
4 *	17762.000	36.32	16.41	52.73	68.30	-15.57	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5180MHz		

Horizontal



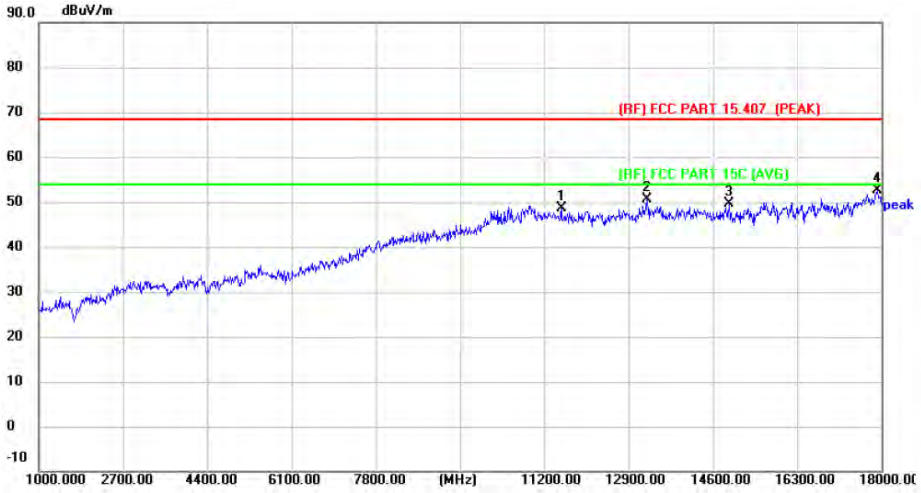


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10520.000	43.11	6.44	49.55	68.30	-18.75	peak	P
2 *	13274.000	40.77	9.79	50.56	68.30	-17.74	peak	P
3	15841.000	41.24	7.90	49.14	68.30	-19.16	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5180MHz		

Vertical

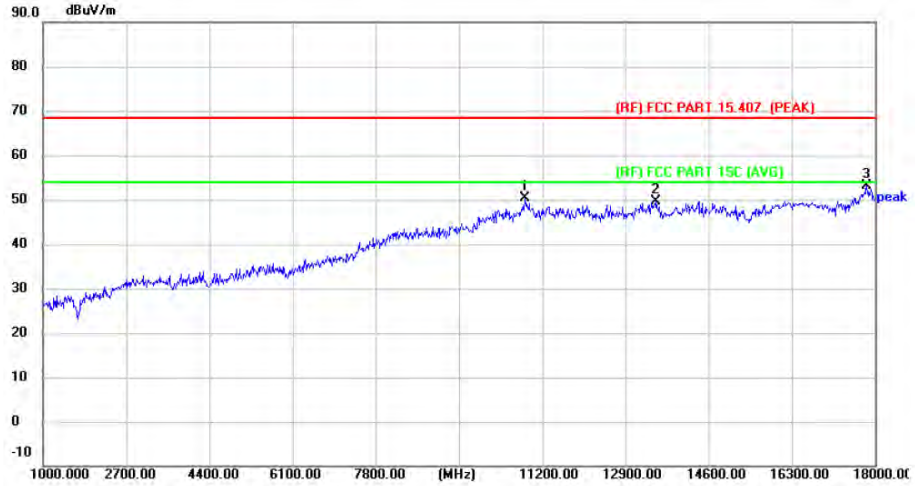


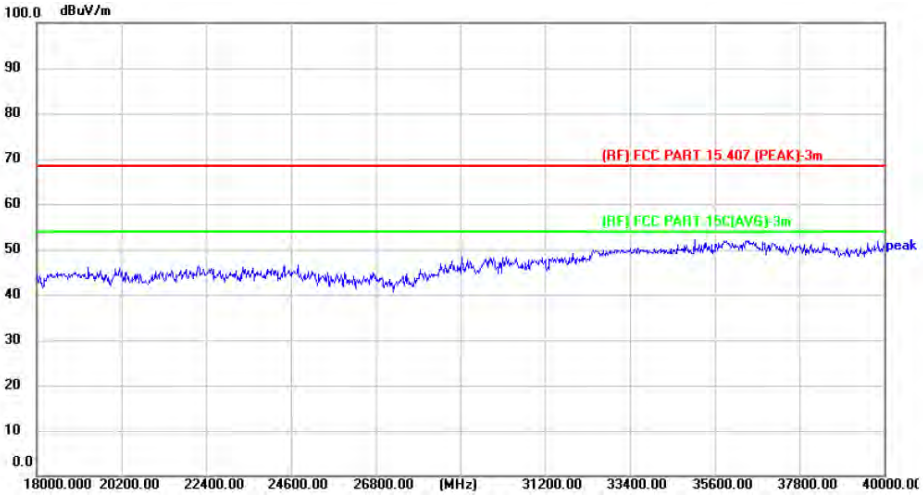
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11540.000	39.75	8.86	48.61	68.30	-19.69	peak	P
2	13274.000	40.82	9.79	50.61	68.30	-17.69	peak	P
3	14923.000	38.30	11.36	49.66	68.30	-18.64	peak	P
4 *	17915.000	34.97	17.56	52.53	68.30	-15.77	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5200MHz		

Horizontal



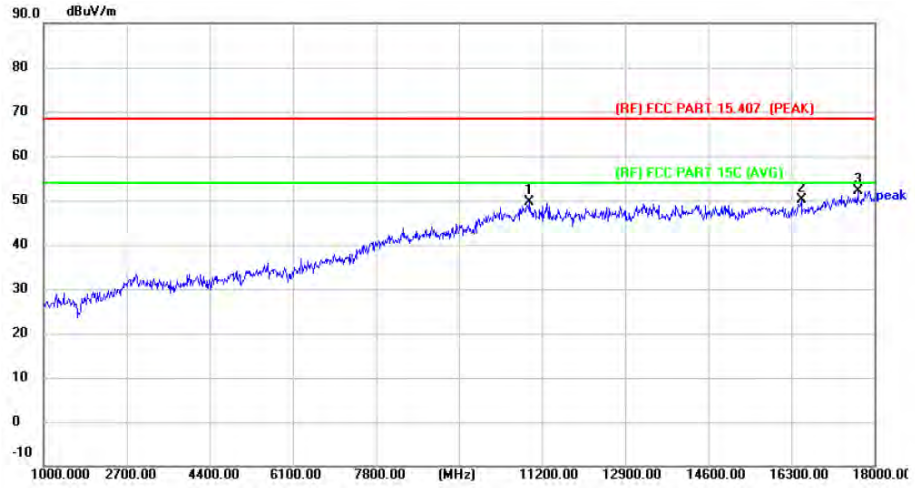


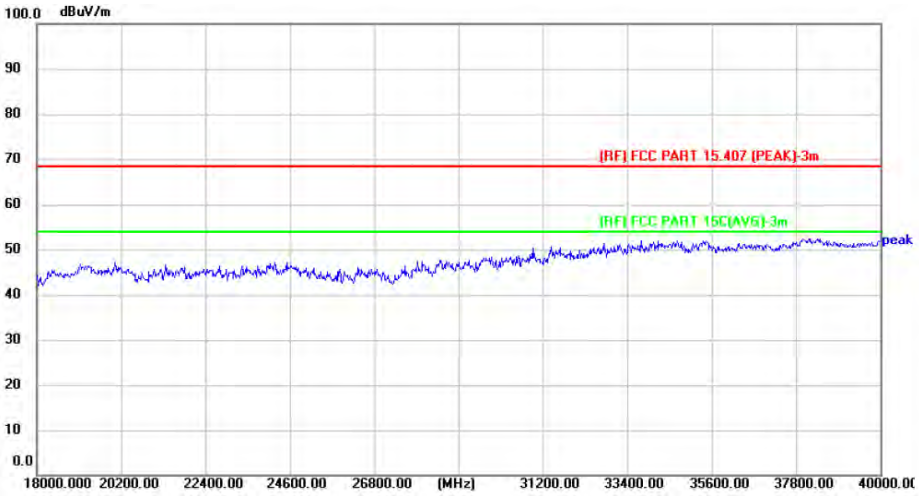
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10843.000	42.36	7.96	50.32	68.30	-17.98	peak	P
2	13529.000	39.65	10.06	49.71	68.30	-18.59	peak	P
3 *	17830.000	36.19	16.95	53.14	68.30	-15.16	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5200MHz		

Vertical



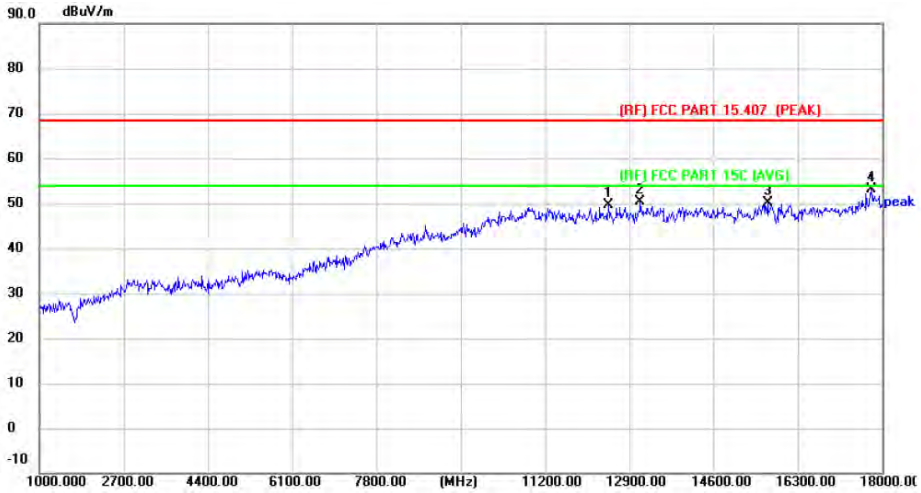


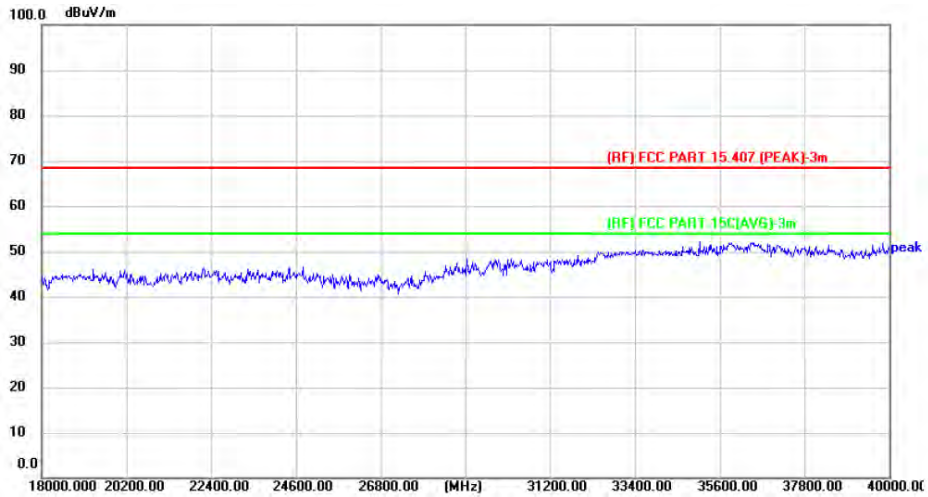
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	41.52	8.20	49.72	68.30	-18.58	peak	P
2	16504.000	40.91	9.29	50.20	68.30	-18.10	peak	P
3 *	17660.000	36.21	15.81	52.02	68.30	-16.28	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5240MHz		

Horizontal



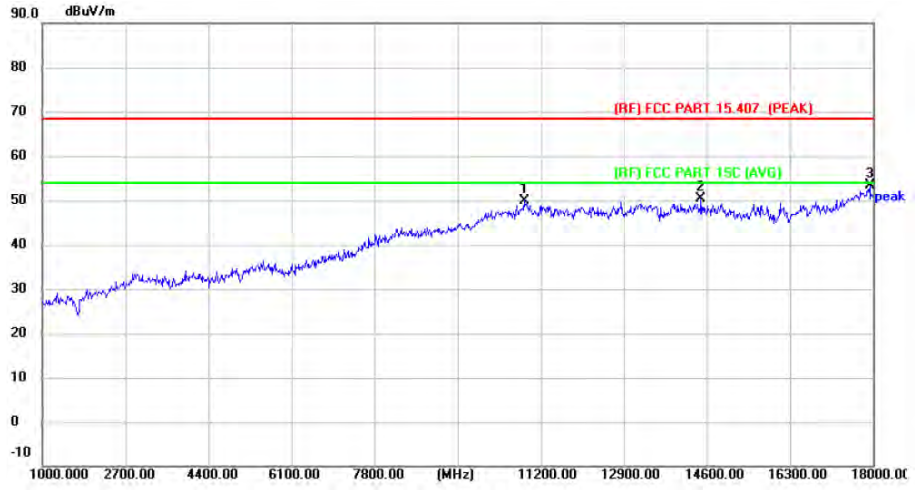


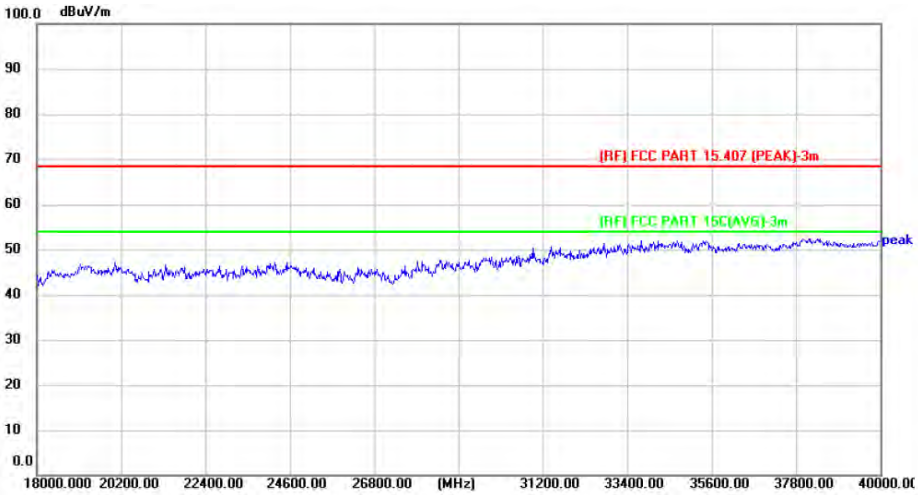
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12475.000	40.57	9.07	49.64	68.30	-18.66	peak	P
2	13121.000	40.66	9.83	50.49	68.30	-17.81	peak	P
3	15688.000	42.02	8.23	50.25	68.30	-18.05	peak	P
4 *	17779.000	36.52	16.54	53.06	68.30	-15.24	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5240MHz		

Vertical



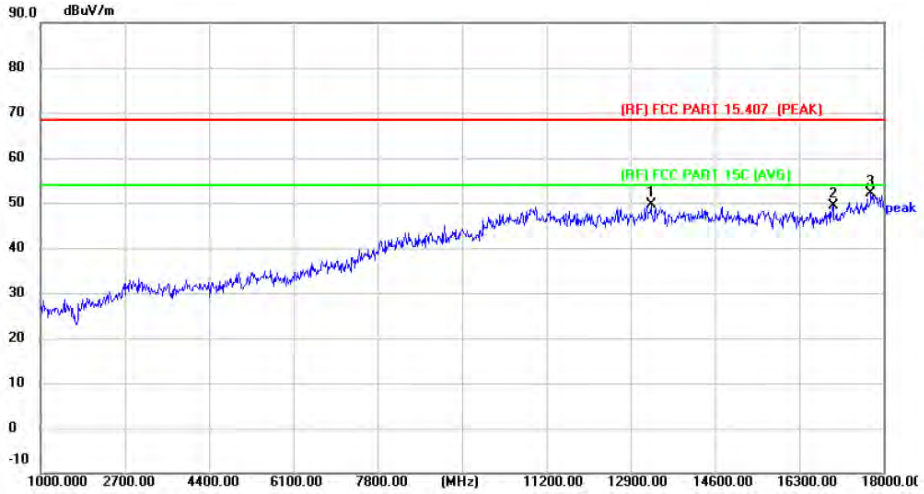


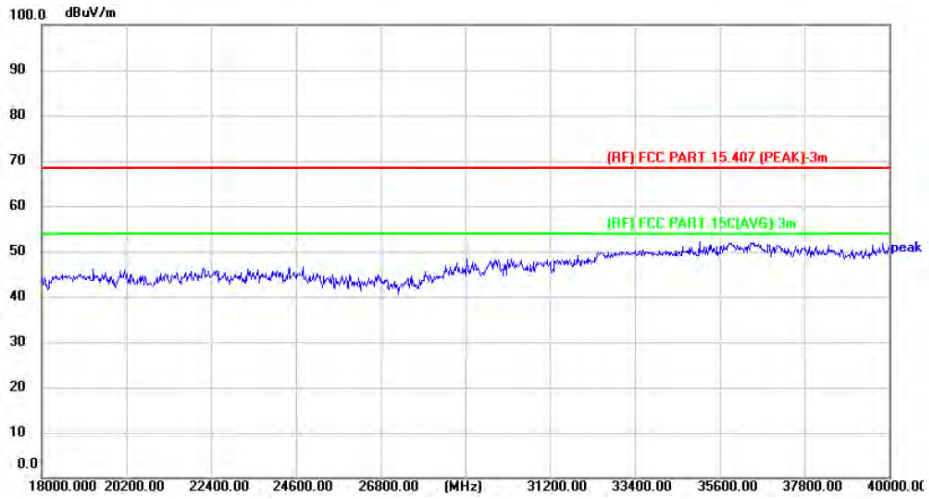
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10860.000	41.92	8.03	49.95	68.30	-18.35	peak	P
2	14481.000	39.77	10.73	50.50	68.30	-17.80	peak	P
3 *	17932.000	35.83	17.61	53.44	68.30	-14.86	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz		

Horizontal



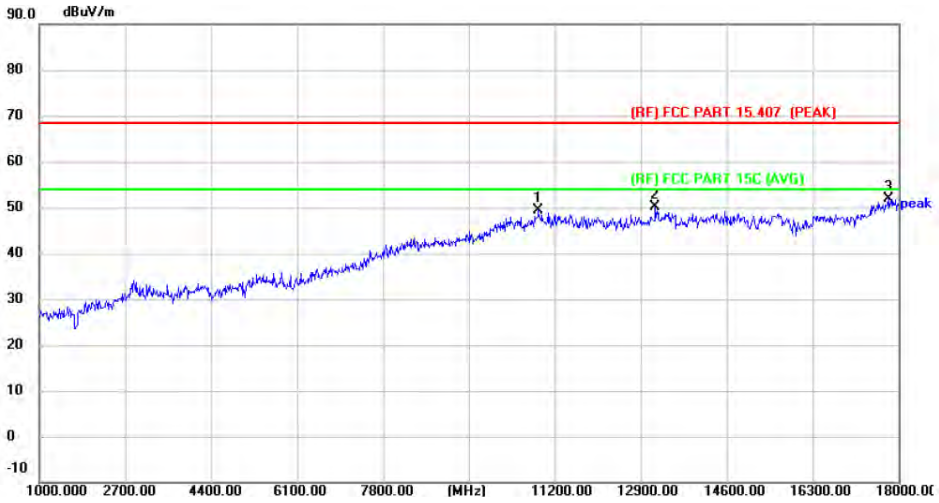


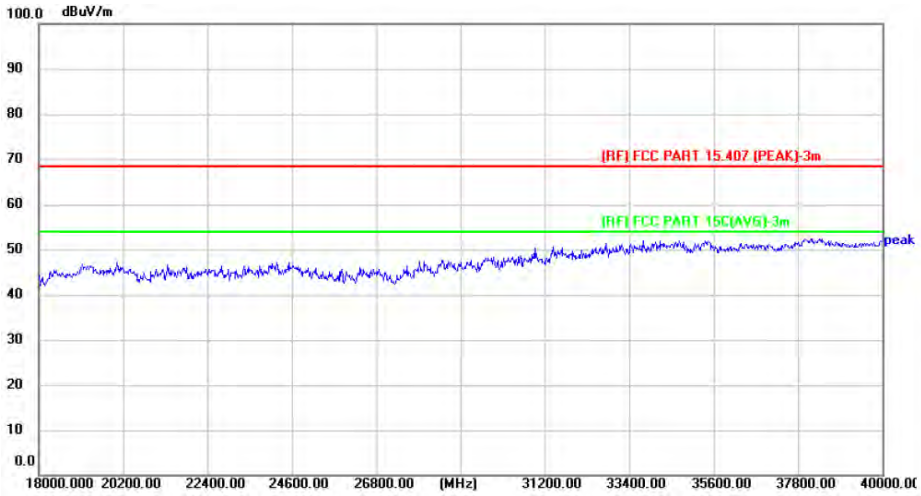
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13308.000	39.94	9.81	49.75	68.30	-18.55	peak	P
2	16980.000	37.88	11.50	49.38	68.30	-18.92	peak	P
3 *	17745.000	35.96	16.28	52.24	68.30	-16.06	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz		

Vertical



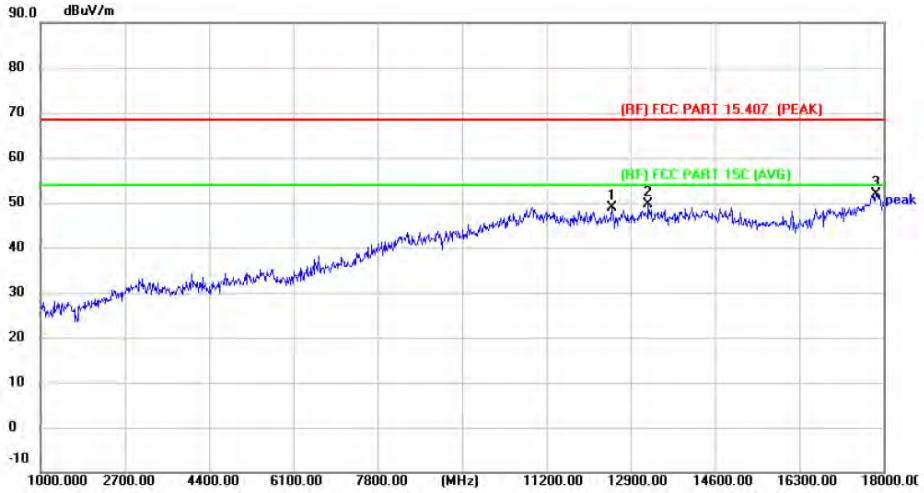


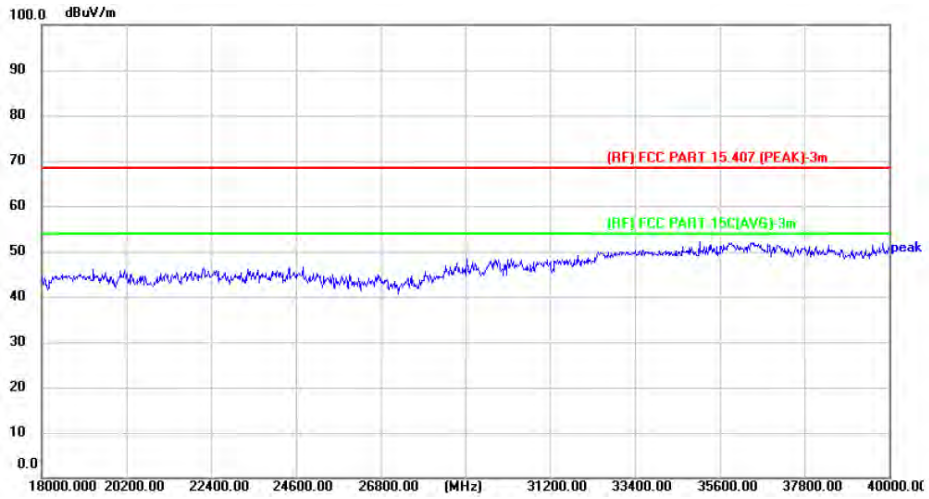
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10877.000	41.36	8.12	49.48	68.30	-18.82	peak	P
2	13189.000	40.30	9.81	50.11	68.30	-18.19	peak	P
3 *	17796.000	35.23	16.67	51.90	68.30	-16.40	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz		

Horizontal



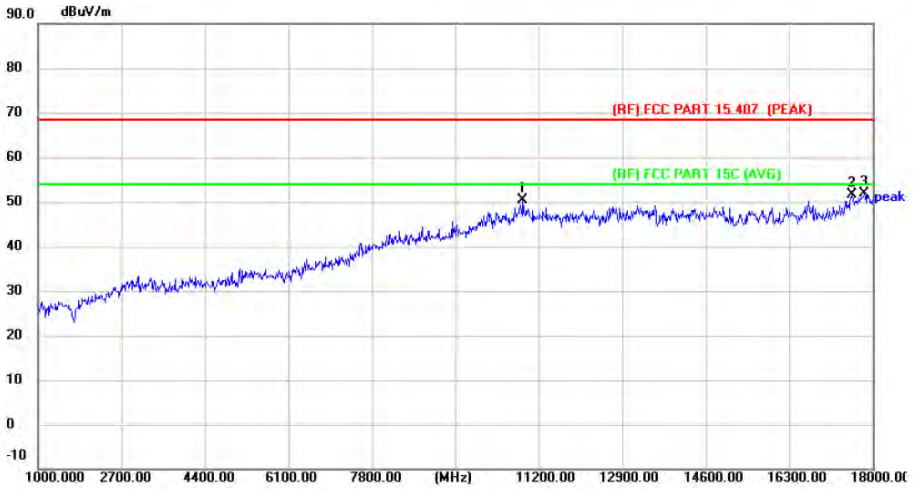


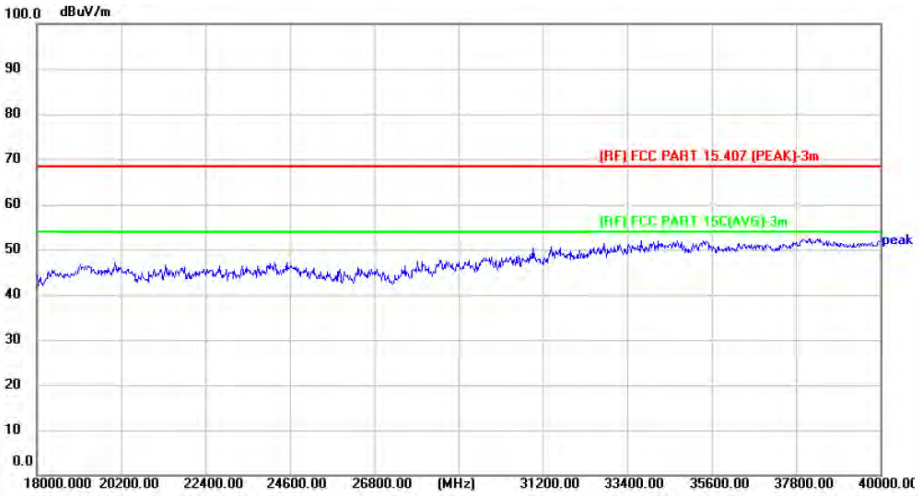
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12526.000	39.58	9.33	48.91	68.30	-19.39	peak	P
2	13257.000	39.85	9.79	49.64	68.30	-18.66	peak	P
3 *	17847.000	34.90	17.08	51.98	68.30	-16.32	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz		

Vertical



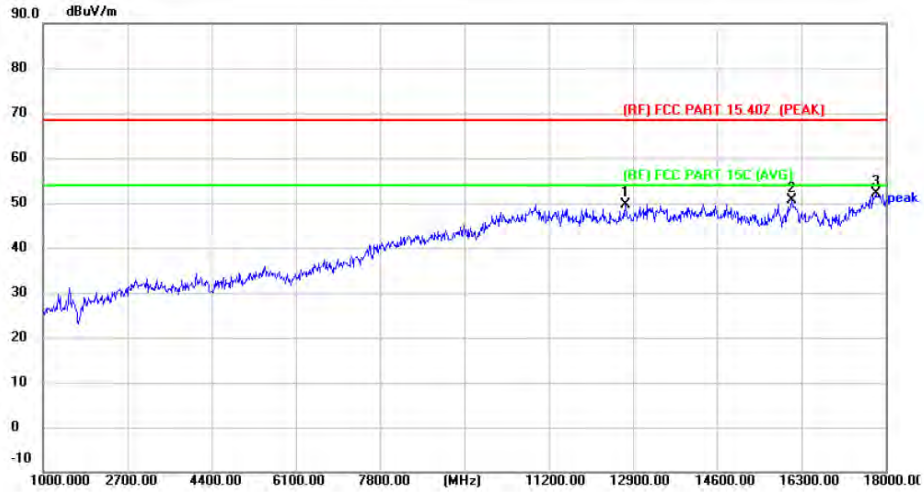


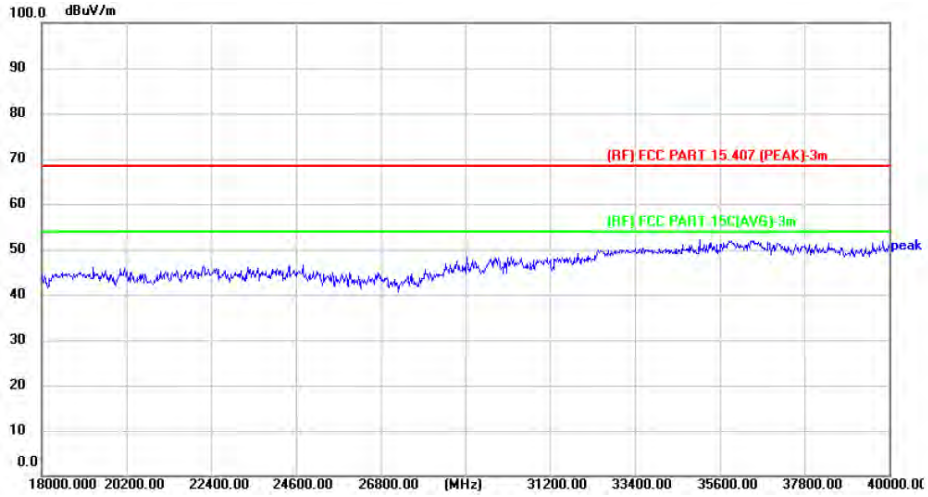
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10877.000	42.24	8.12	50.36	68.30	-17.94	peak	P
2	17575.000	36.22	15.49	51.71	68.30	-16.59	peak	P
3 *	17830.000	34.91	16.95	51.86	68.30	-16.44	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5240MHz		

Horizontal



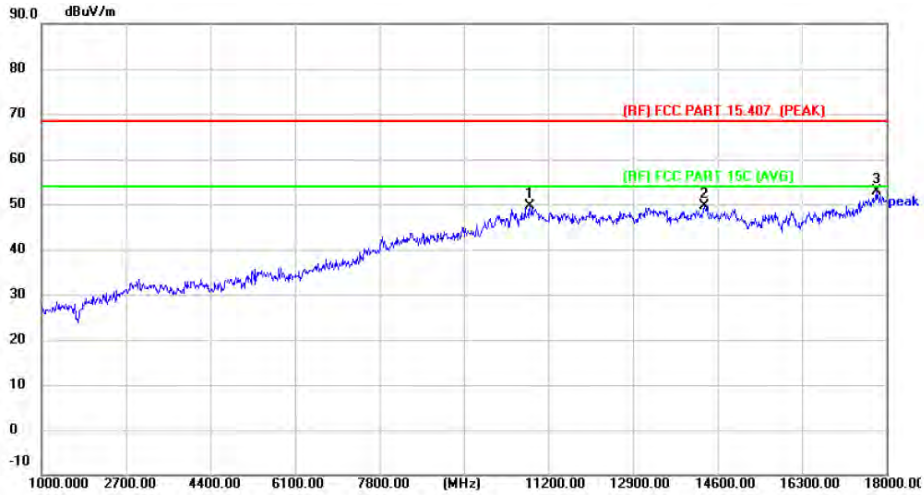


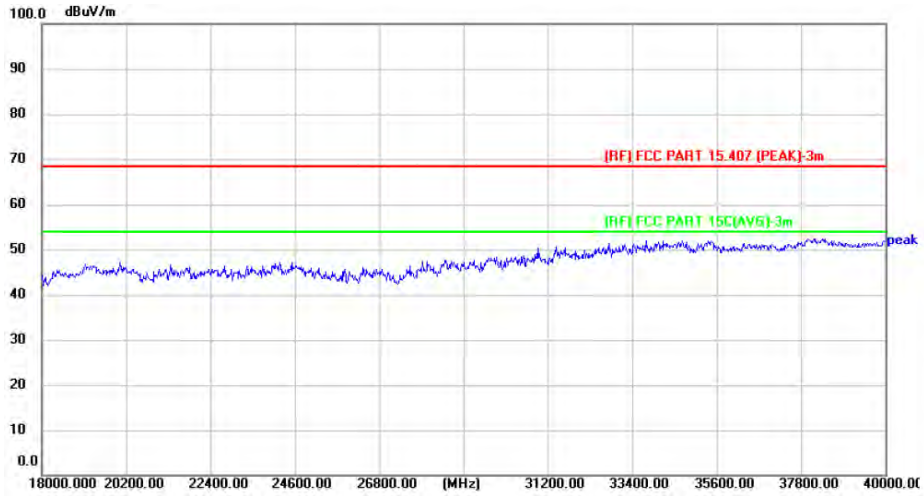
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12747.000	40.06	9.52	49.58	68.30	-18.72	peak	P
2	16096.000	42.59	8.11	50.70	68.30	-17.60	peak	P
3 *	17796.000	35.34	16.67	52.01	68.30	-16.29	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5240MHz		

Vertical



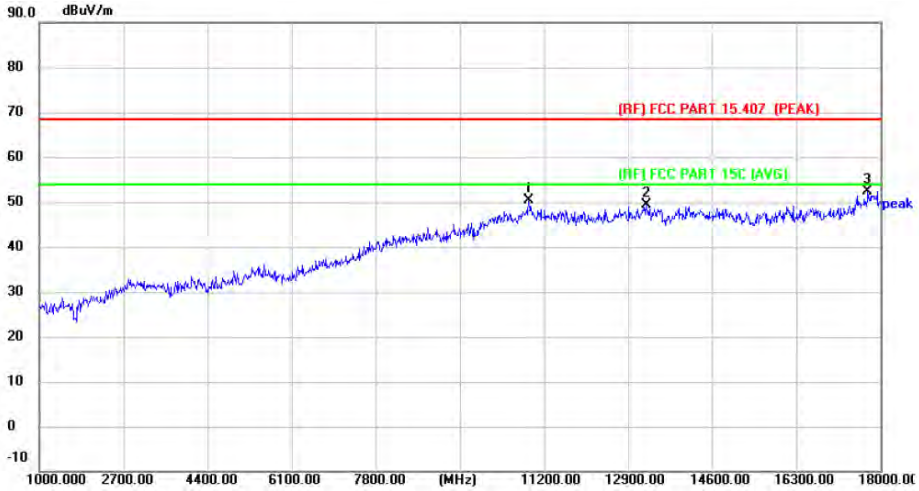


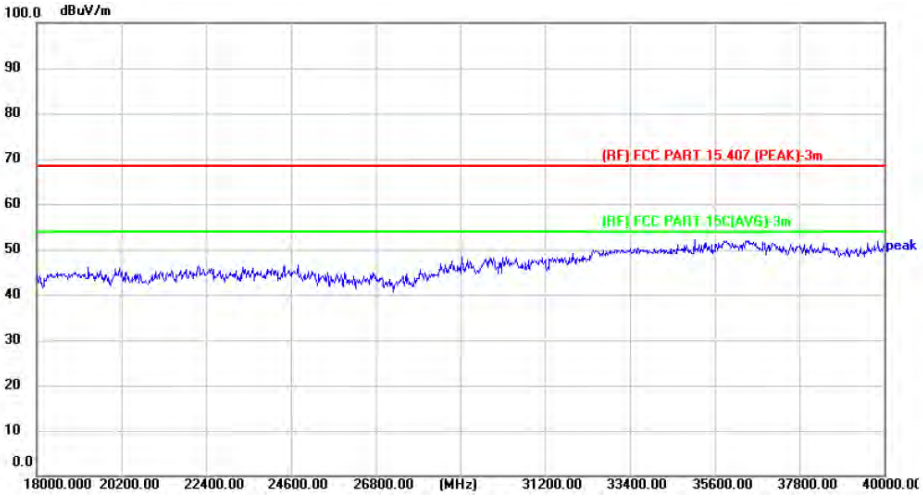
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10826.000	41.73	7.88	49.61	68.30	-18.69	peak	P
2	14328.000	39.26	10.49	49.75	68.30	-18.55	peak	P
3 *	17796.000	36.11	16.67	52.78	68.30	-15.52	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5180MHz		

Horizontal



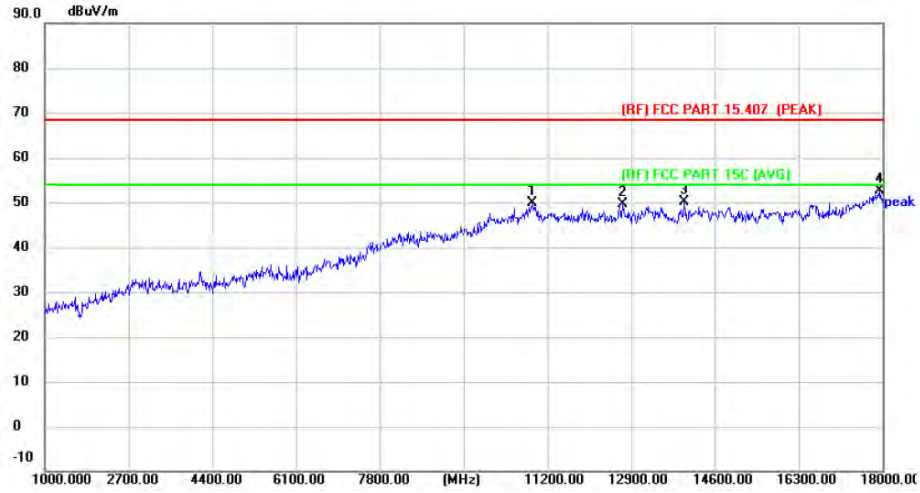


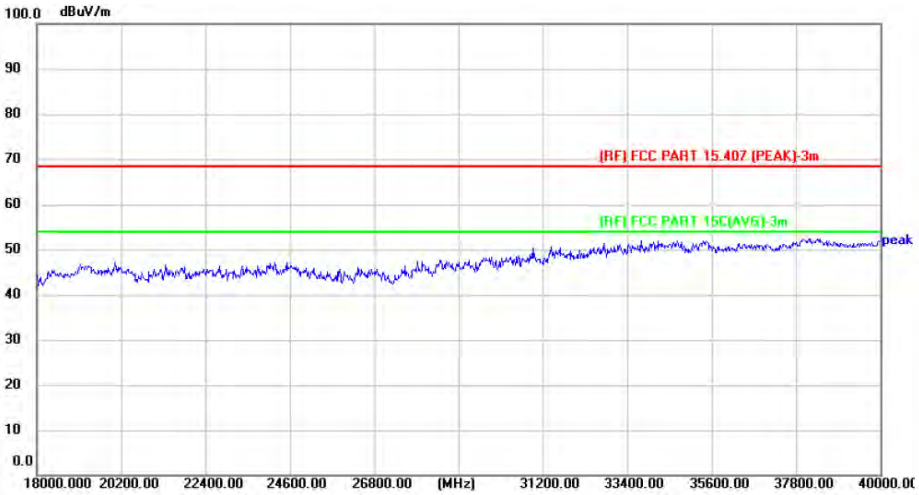
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	42.23	8.20	50.43	68.30	-17.87	peak	P
2	13274.000	39.66	9.79	49.45	68.30	-18.85	peak	P
3 *	17745.000	36.22	16.28	52.50	68.30	-15.80	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5180MHz		

Vertical



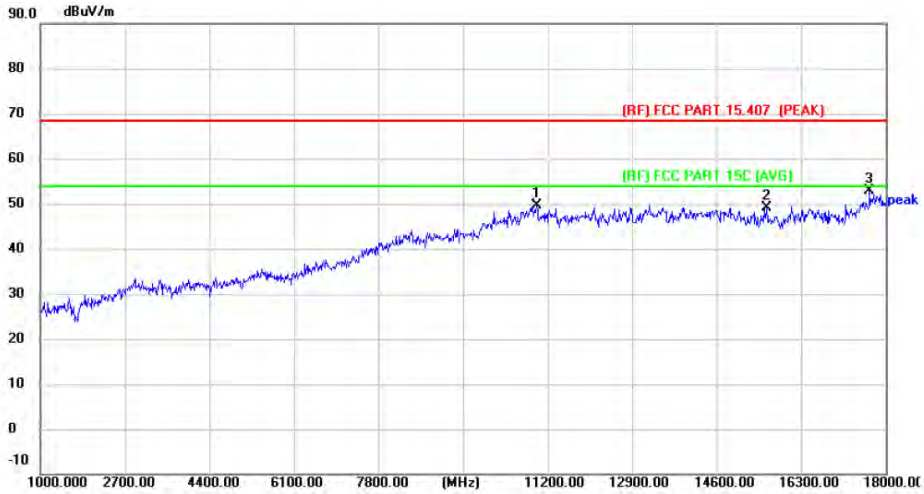


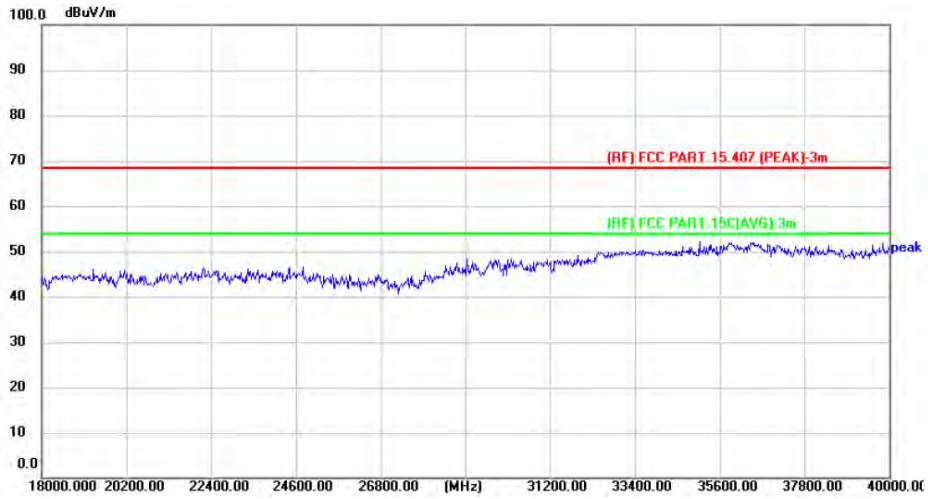
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.67	8.20	49.87	68.30	-18.43	peak	P
2	12730.000	40.14	9.56	49.70	68.30	-18.60	peak	P
3	13971.000	39.45	10.59	50.04	68.30	-18.26	peak	P
4 *	17949.000	34.88	17.66	52.54	68.30	-15.76	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5200MHz		

Horizontal



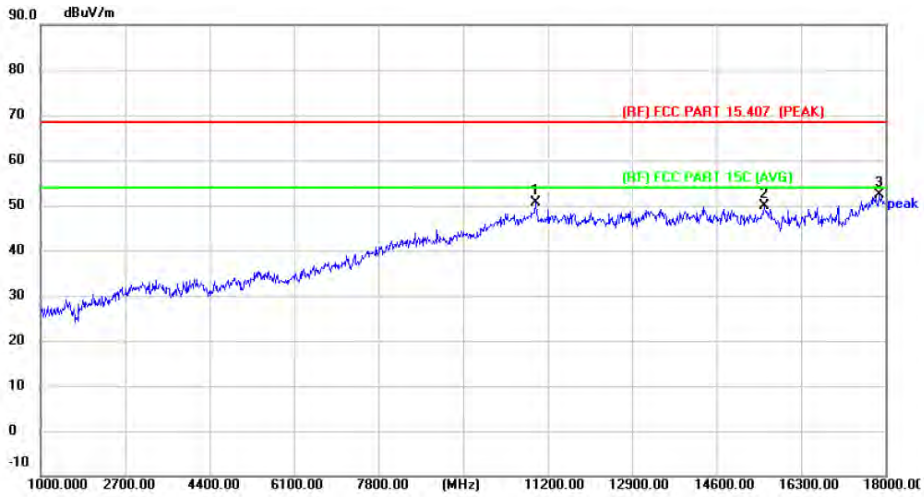


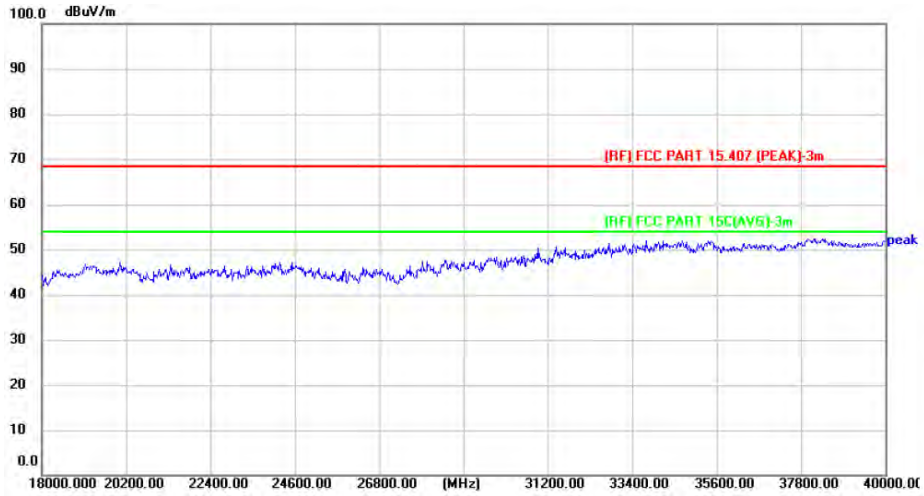
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10979.000	41.51	8.18	49.69	68.30	-18.61	peak	P
2	15603.000	40.06	8.98	49.04	68.30	-19.26	peak	P
3 *	17677.000	37.02	15.86	52.88	68.30	-15.42	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5200MHz		

Vertical



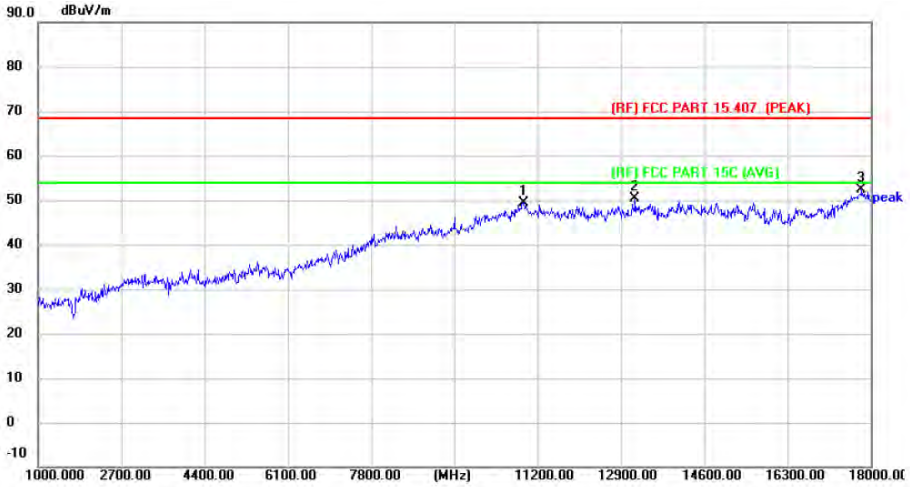


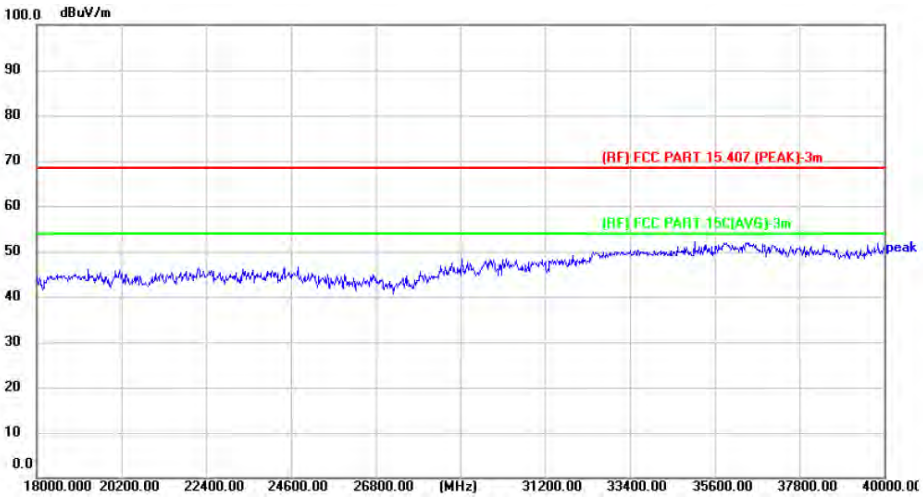
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10962.000	42.42	8.19	50.61	68.30	-17.69	peak	P
2	15552.000	40.66	9.21	49.87	68.30	-18.43	peak	P
3 *	17864.000	35.26	17.22	52.48	68.30	-15.82	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5240MHz		

Horizontal



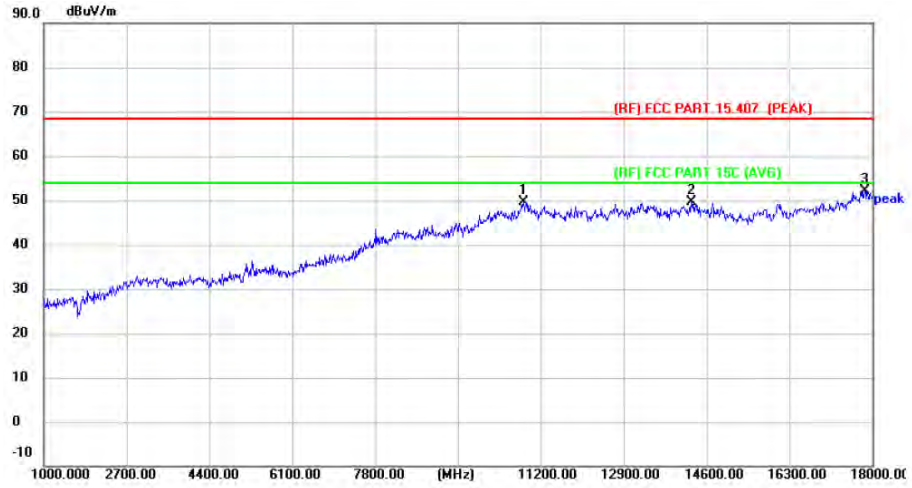


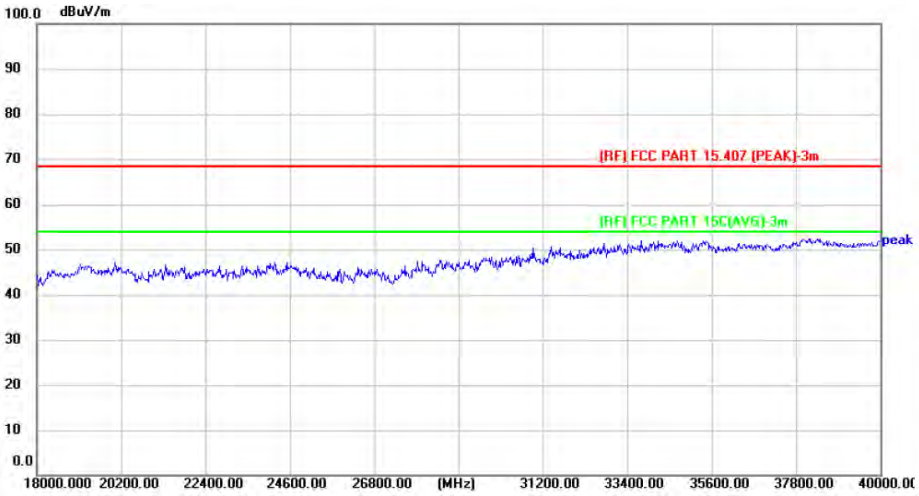
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10911.000	41.24	8.22	49.46	68.30	-18.84	peak	P
2	13189.000	40.58	9.81	50.39	68.30	-17.91	peak	P
3 *	17813.000	35.62	16.81	52.43	68.30	-15.87	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5240MHz		

Vertical



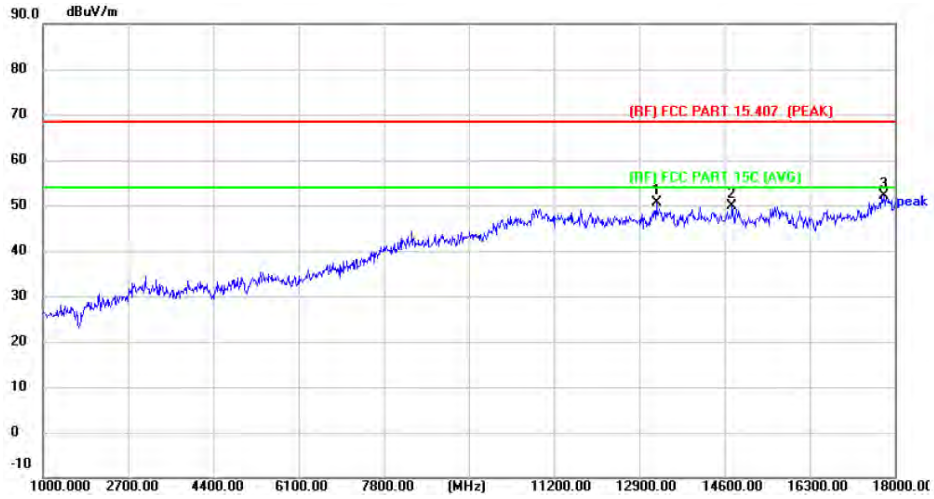


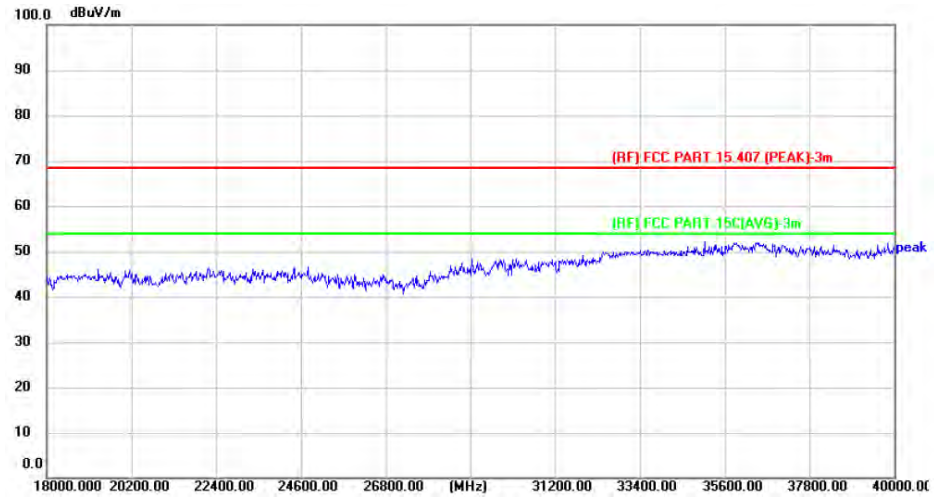
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10843.000	41.77	7.96	49.73	68.30	-18.57	peak	P
2	14294.000	39.35	10.30	49.65	68.30	-18.65	peak	P
3 *	17847.000	35.02	17.08	52.10	68.30	-16.20	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5260MHz		

Horizontal



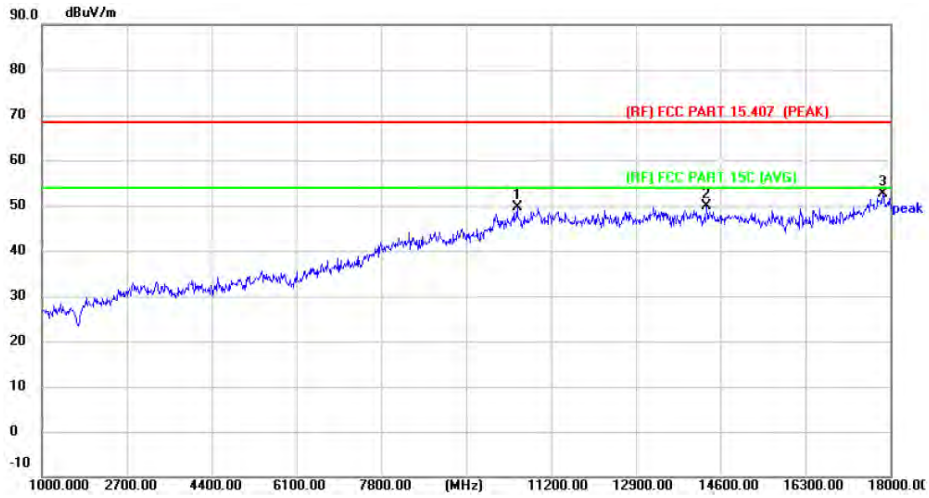


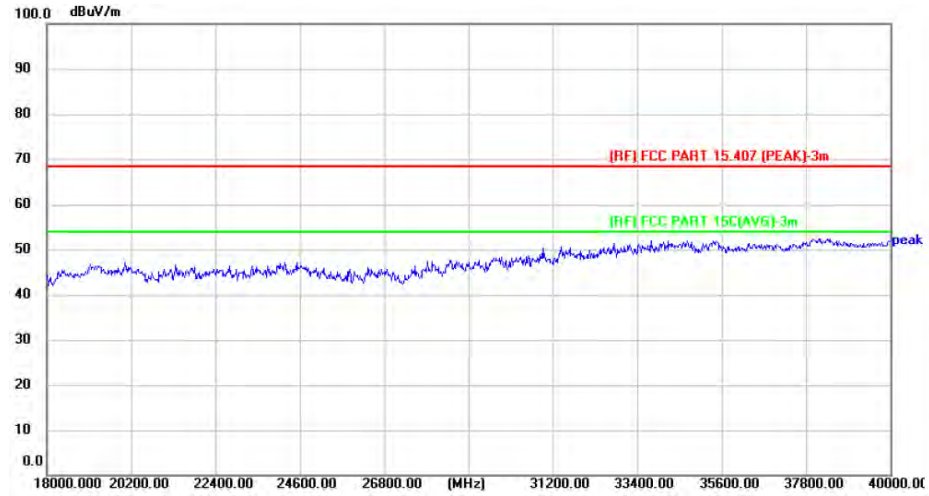
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13240.000	40.72	9.80	50.52	68.30	-17.78	peak	P
2	14753.000	39.09	10.72	49.81	68.30	-18.49	peak	P
3 *	17779.000	35.53	16.54	52.07	68.30	-16.23	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5260MHz		

Vertical



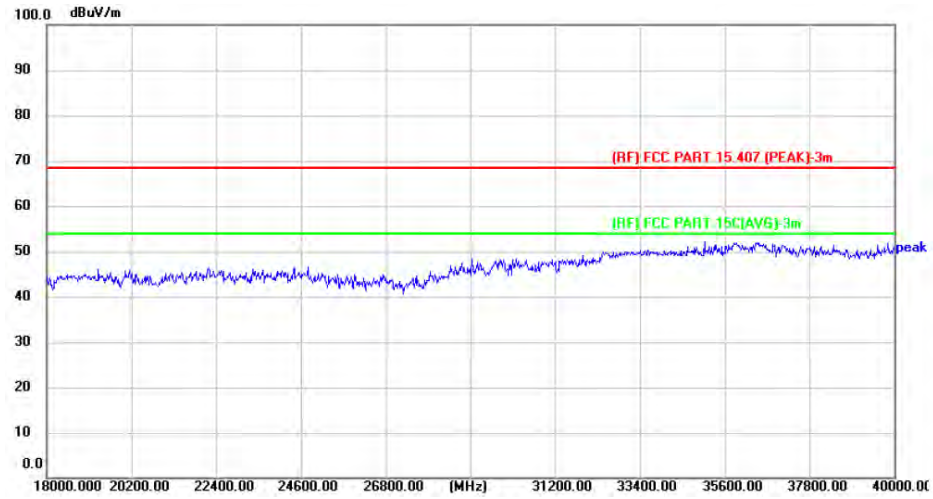


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10520.000	43.12	6.44	49.56	68.30	-18.74	peak	P
2	14311.000	39.54	10.37	49.91	68.30	-18.39	peak	P
3 *	17847.000	35.60	17.08	52.68	68.30	-15.62	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5280MHz		

Horizontal

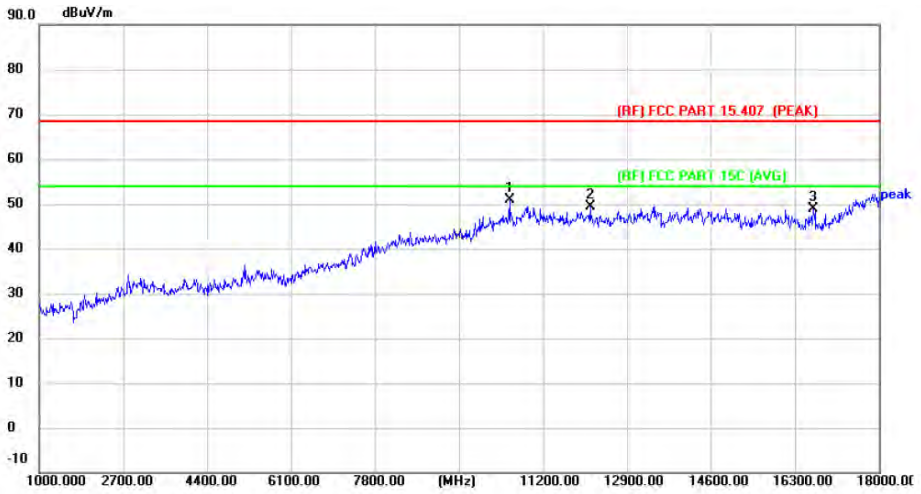


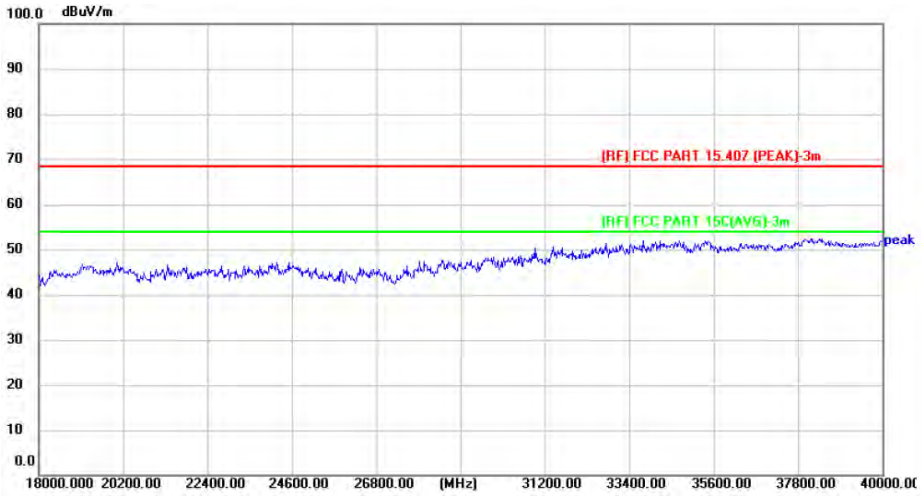
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10928.000	41.17	8.21	49.38	68.30	-18.92	peak	P
2	14396.000	39.07	10.96	50.03	68.30	-18.27	peak	P
3 *	17218.000	37.15	13.34	50.49	68.30	-17.81	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5280MHz		

Vertical



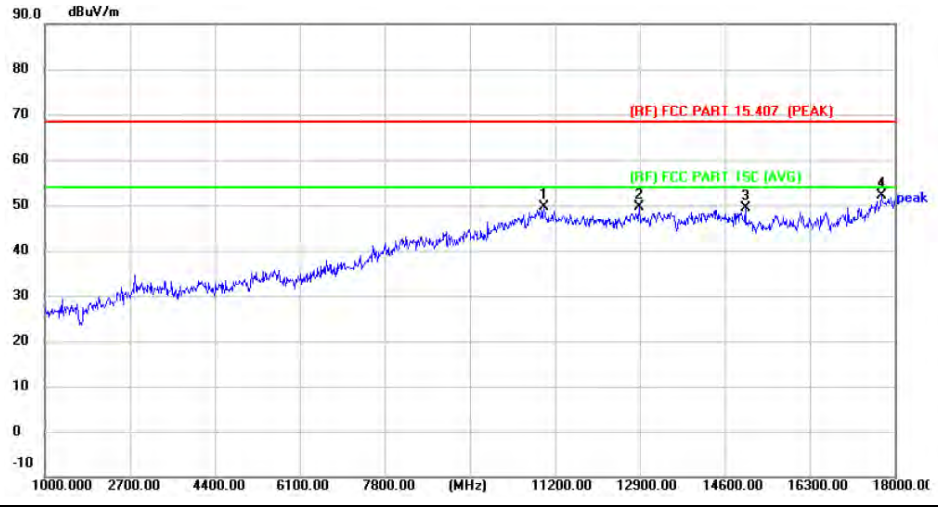


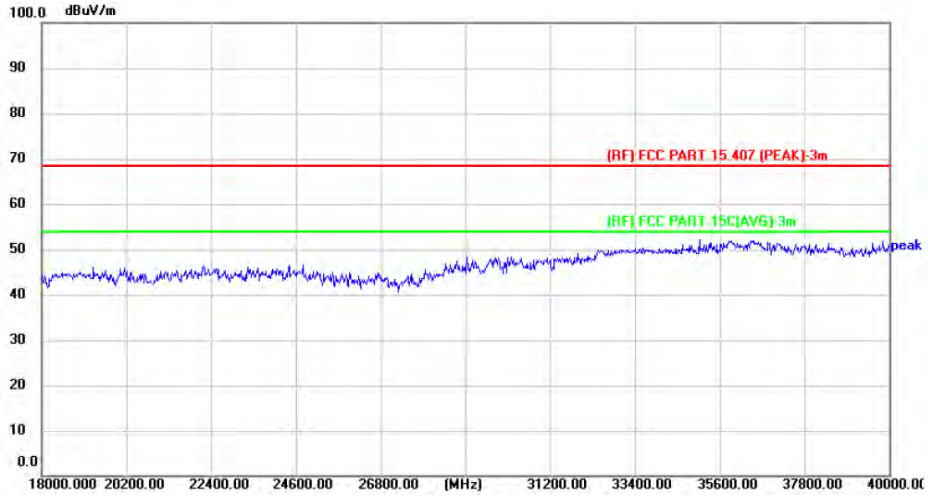
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	10520.000	44.34	6.44	50.78	68.30	-17.52	peak	P
2	12152.000	40.21	9.24	49.45	68.30	-18.85	peak	P
3	16674.000	38.64	10.13	48.77	68.30	-19.53	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5320MHz		

Horizontal



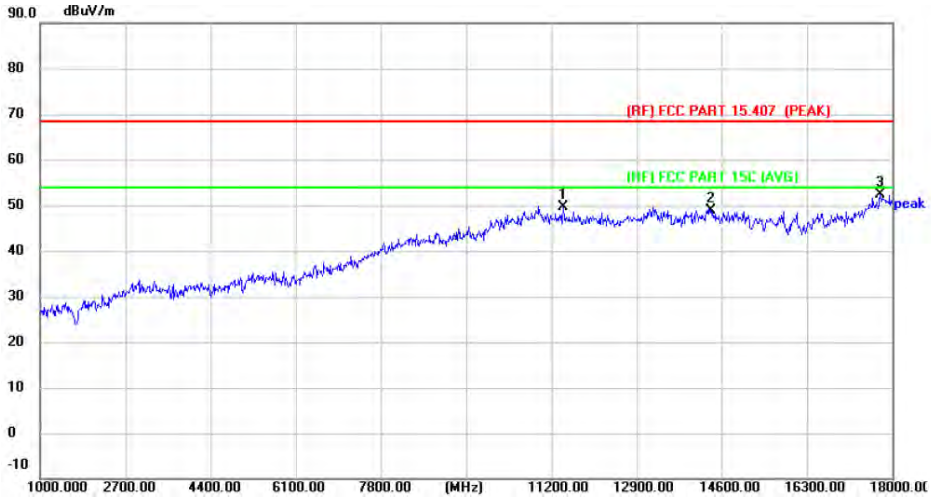


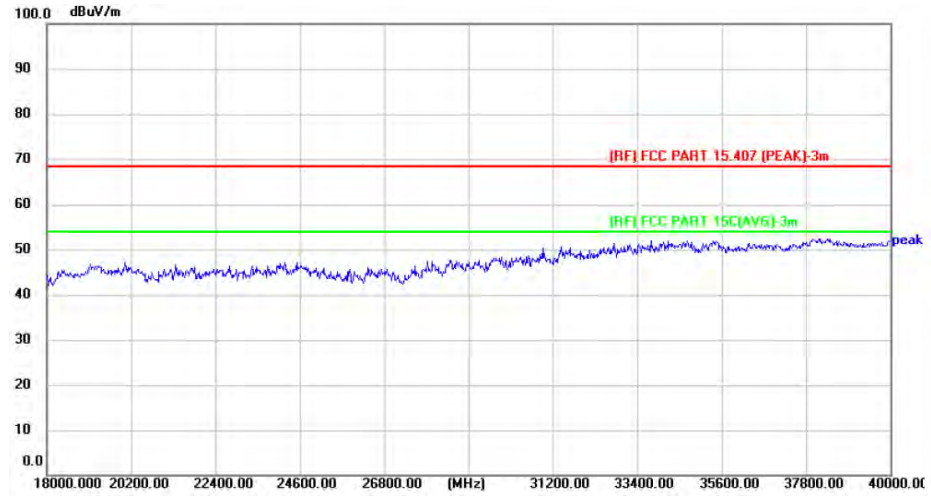
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10979.000	41.55	8.18	49.73	68.30	-18.57	peak	P
2	12883.000	40.51	9.09	49.60	68.30	-18.70	peak	P
3	15008.000	37.87	11.39	49.26	68.30	-19.04	peak	P
4 *	17728.000	35.86	16.15	52.01	68.30	-16.29	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5320MHz		

Vertical



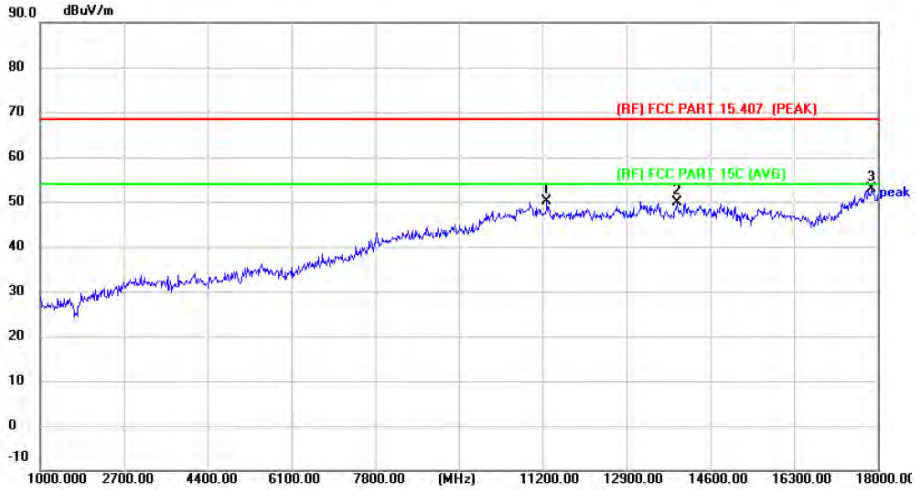


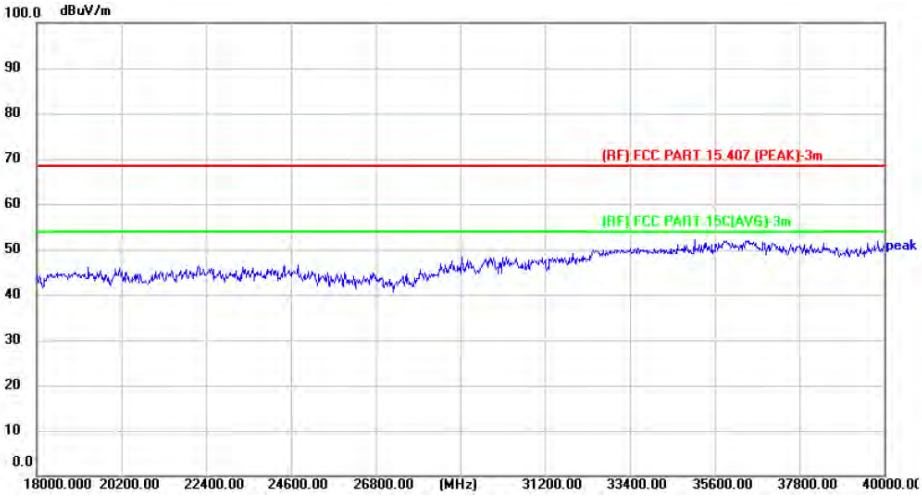
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11438.000	40.66	8.99	49.65	68.30	-18.65	peak	P
2	14379.000	38.06	10.85	48.91	68.30	-19.39	peak	P
3 *	17762.000	35.90	16.41	52.31	68.30	-15.99	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5260MHz		

Horizontal



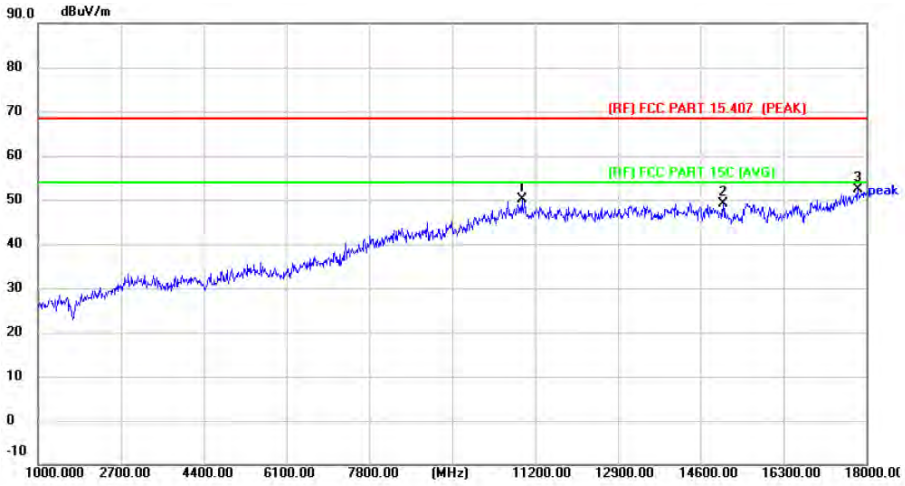


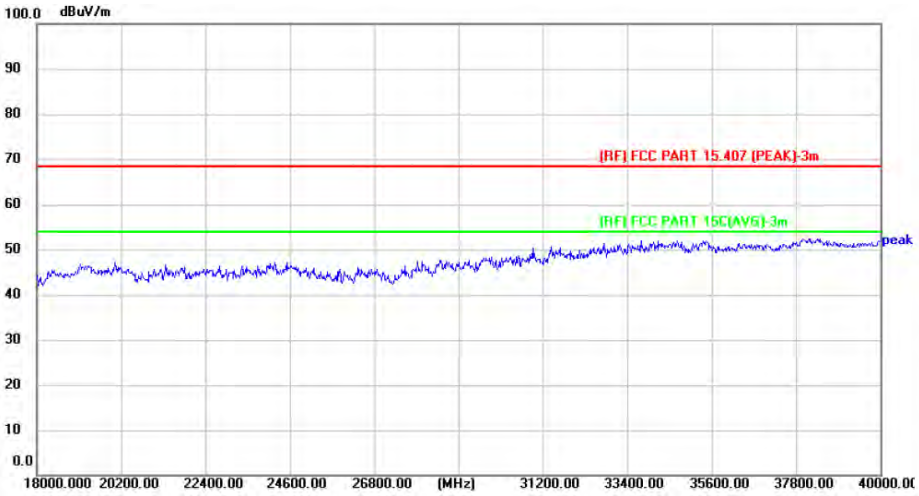
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11285.000	41.47	8.71	50.18	68.30	-18.12	peak	P
2	13937.000	38.99	10.80	49.79	68.30	-18.51	peak	P
3 *	17881.000	35.58	17.36	52.94	68.30	-15.36	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5260MHz		

Vertical



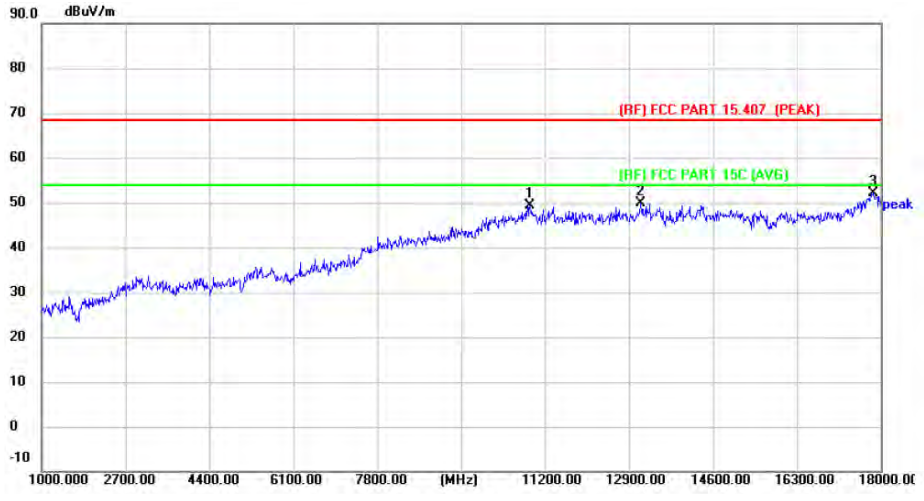


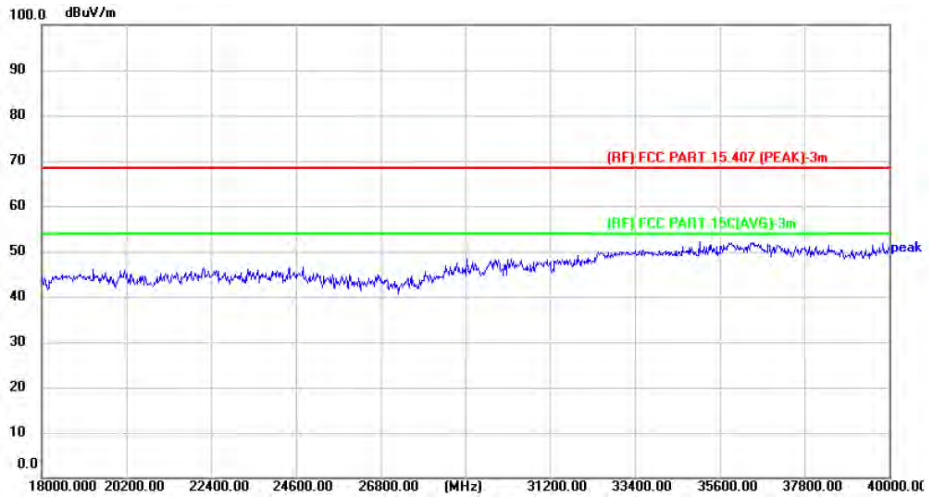
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10928.000	41.80	8.21	50.01	68.30	-18.29	peak	P
2	15059.000	37.68	11.52	49.20	68.30	-19.10	peak	P
3 *	17830.000	35.31	16.95	52.26	68.30	-16.04	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5280MHz		

Horizontal



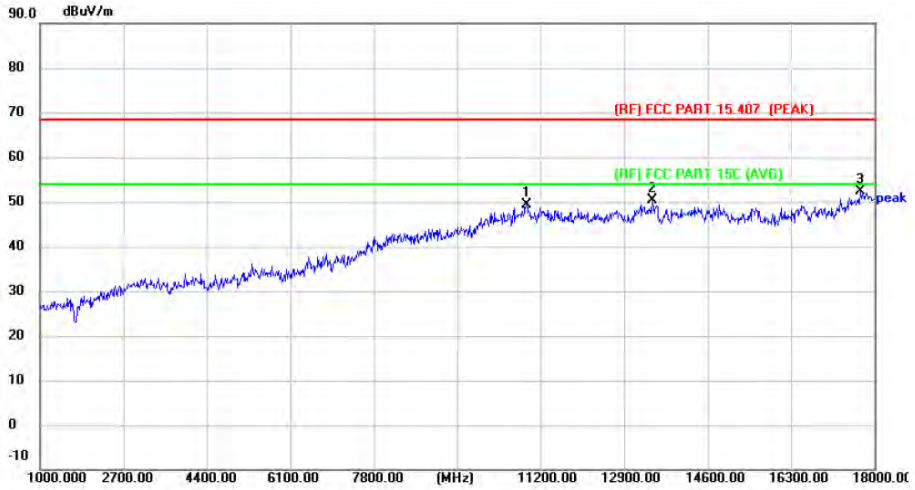


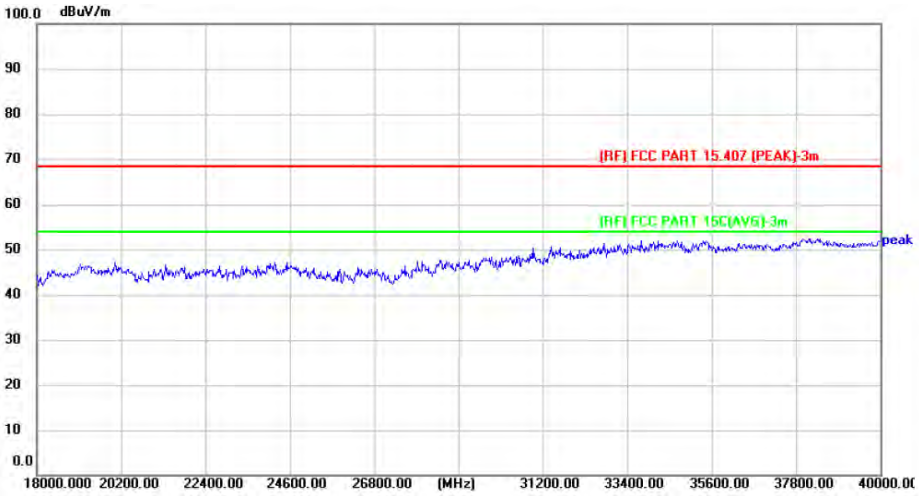
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.08	8.20	49.28	68.30	-19.02	peak	P
2	13138.000	40.13	9.83	49.96	68.30	-18.34	peak	P
3 *	17847.000	35.03	17.08	52.11	68.30	-16.19	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5280MHz		

Vertical



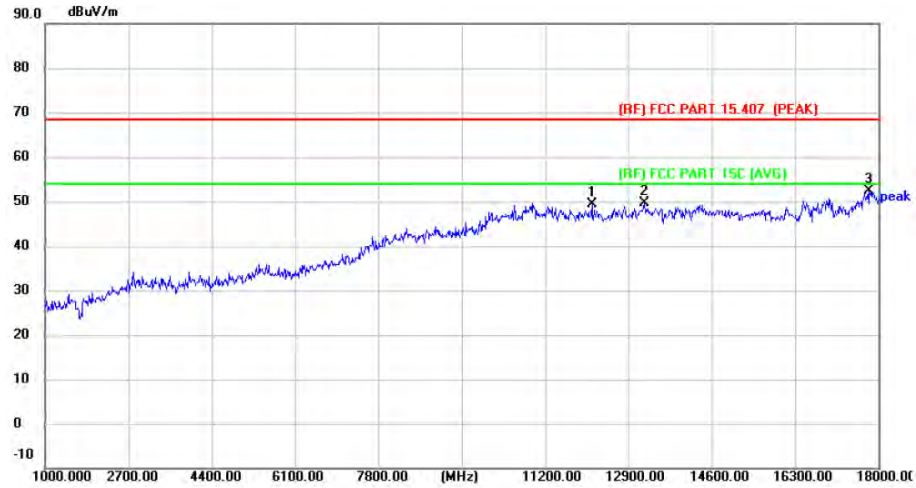


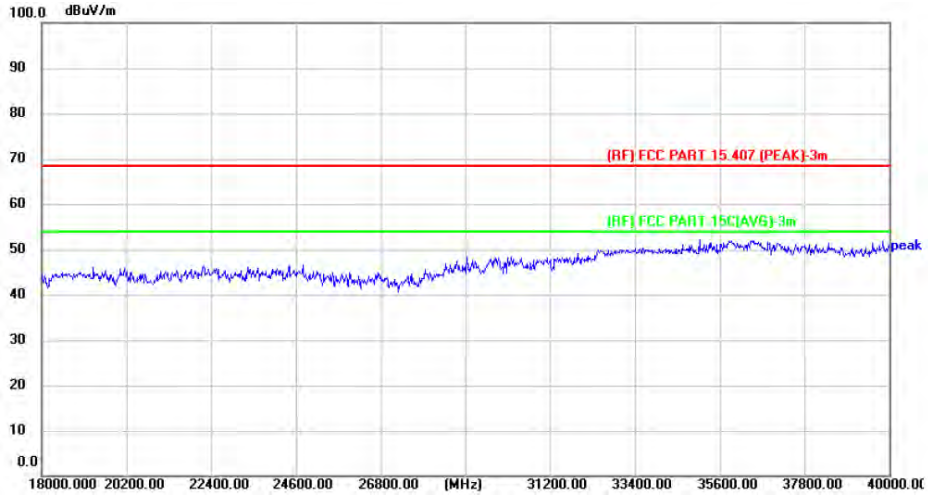
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10911.000	41.05	8.22	49.27	68.30	-19.03	peak	P
2	13478.000	40.24	10.13	50.37	68.30	-17.93	peak	P
3 *	17711.000	36.43	16.02	52.45	68.30	-15.85	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5320MHz		

Horizontal



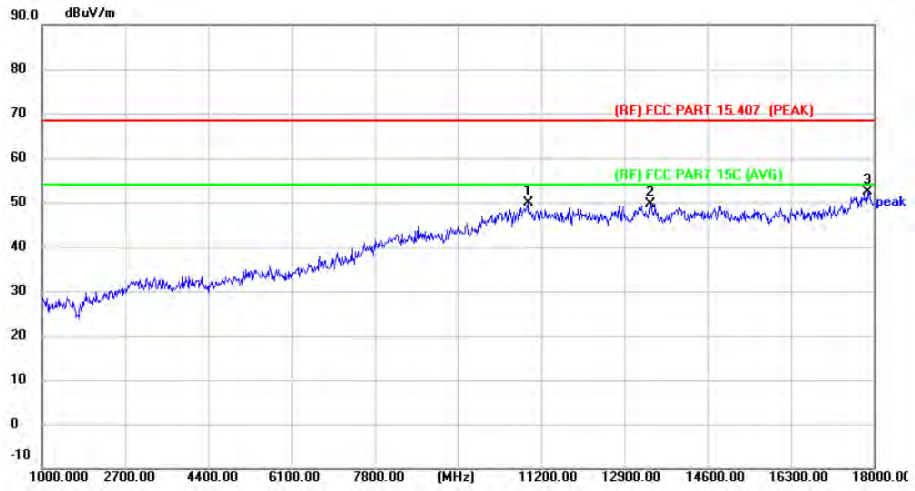


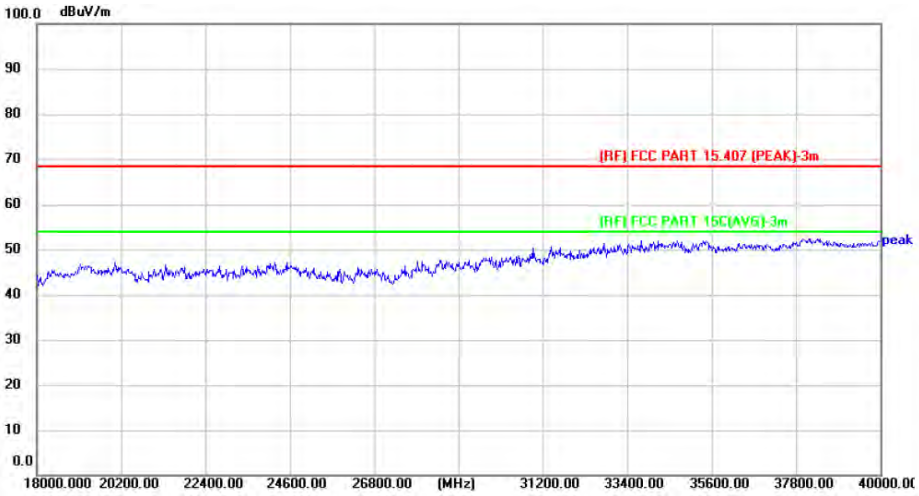
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12152.000	40.21	9.24	49.45	68.30	-18.85	peak	P
2	13223.000	39.80	9.79	49.59	68.30	-18.71	peak	P
3 *	17813.000	35.46	16.81	52.27	68.30	-16.03	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5320MHz		

Vertical



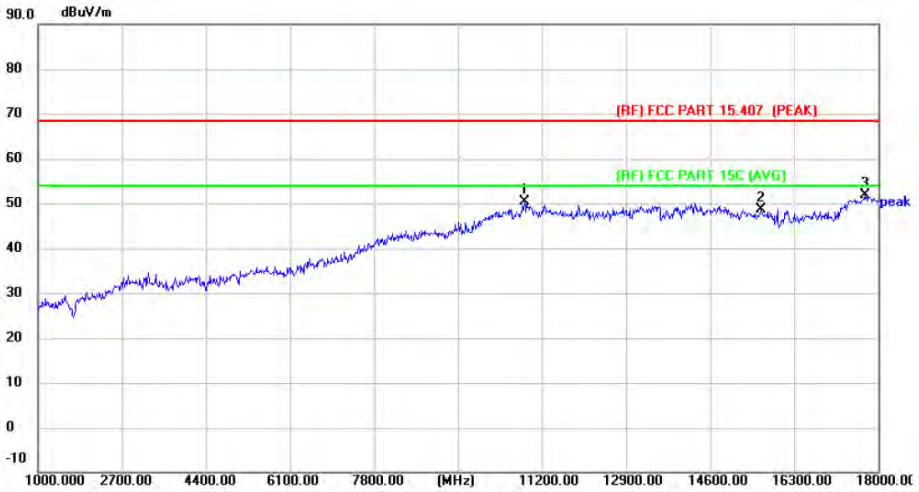


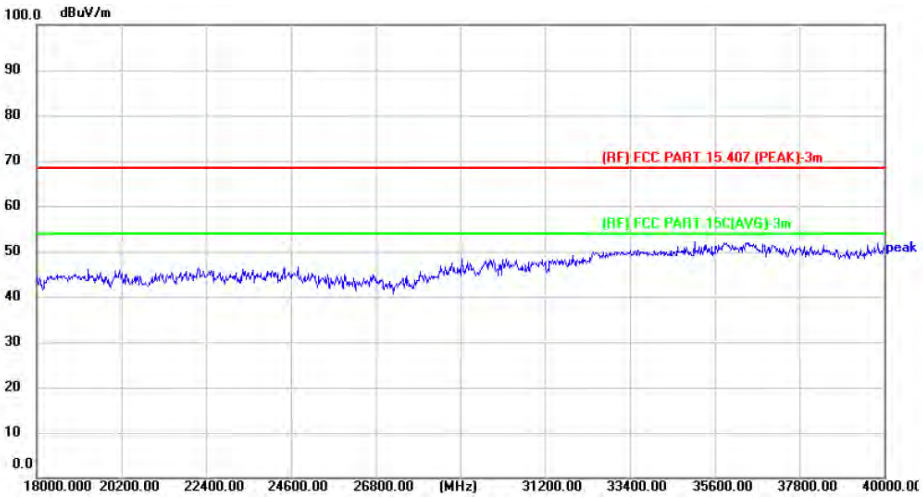
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10928.000	41.58	8.21	49.79	68.30	-18.51	peak	P
2	13427.000	39.43	10.16	49.59	68.30	-18.71	peak	P
3 *	17864.000	35.09	17.22	52.31	68.30	-15.99	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5260MHz		

Horizontal



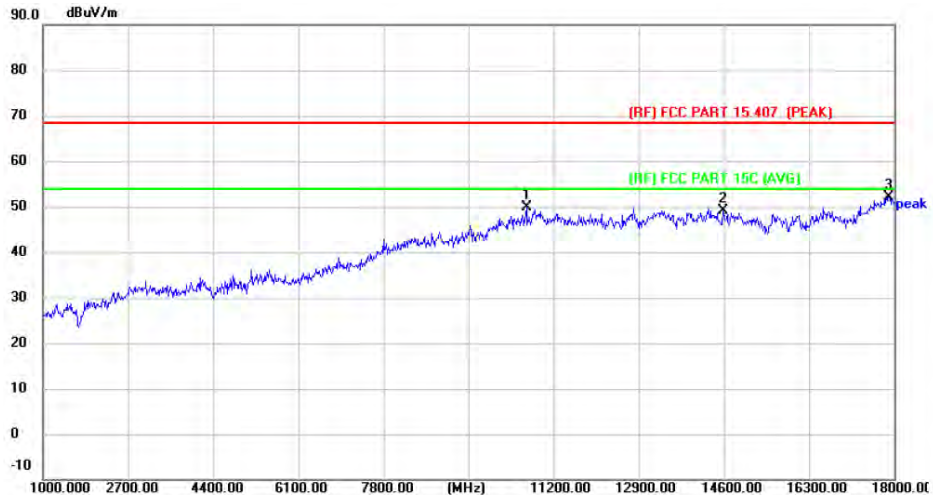


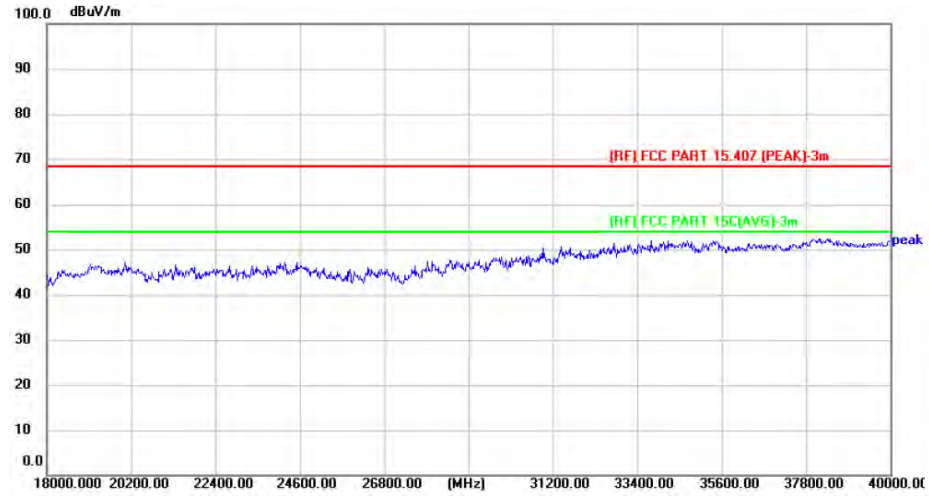
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10843.000	42.49	7.96	50.45	68.30	-17.85	peak	P
2	15637.000	40.07	8.67	48.74	68.30	-19.56	peak	P
3 *	17728.000	35.75	16.15	51.90	68.30	-16.40	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5260MHz		

Vertical



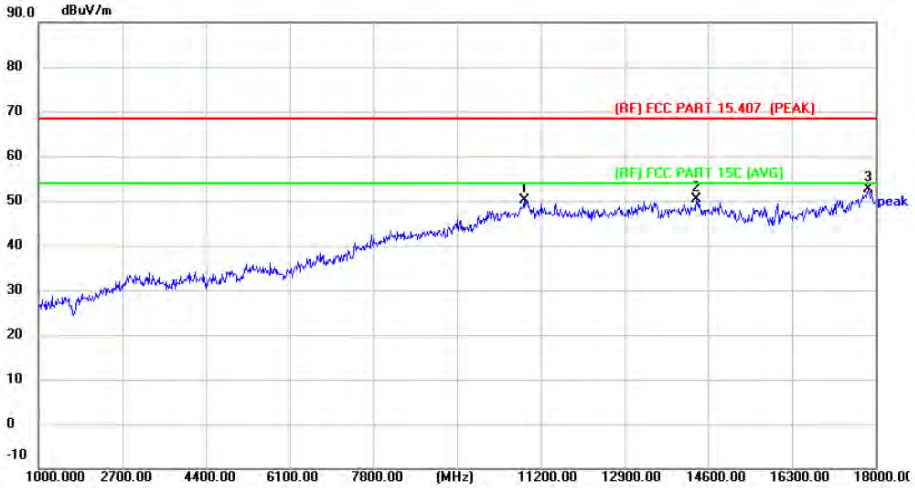


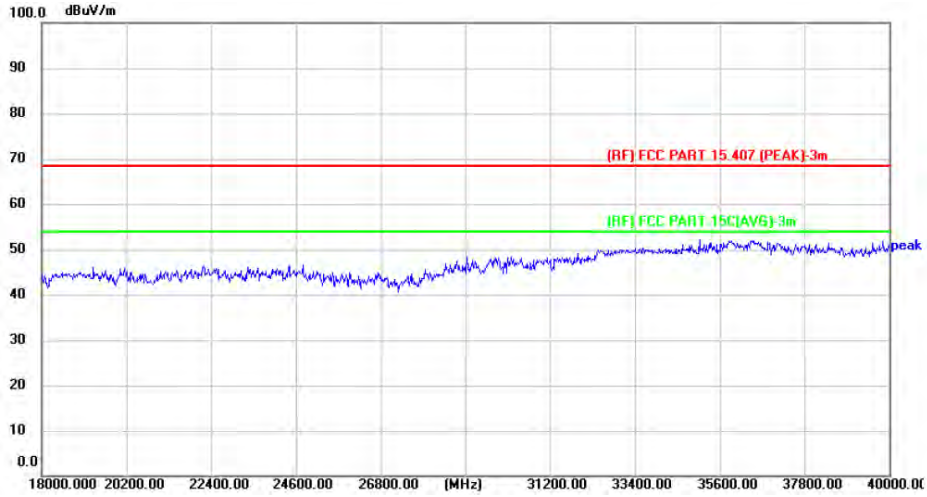
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10656.000	43.20	6.76	49.96	68.30	-18.34	peak	P
2	14583.000	38.18	10.83	49.01	68.30	-19.29	peak	P
3 *	17898.000	34.65	17.50	52.15	68.30	-16.15	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5280MHz		

Horizontal



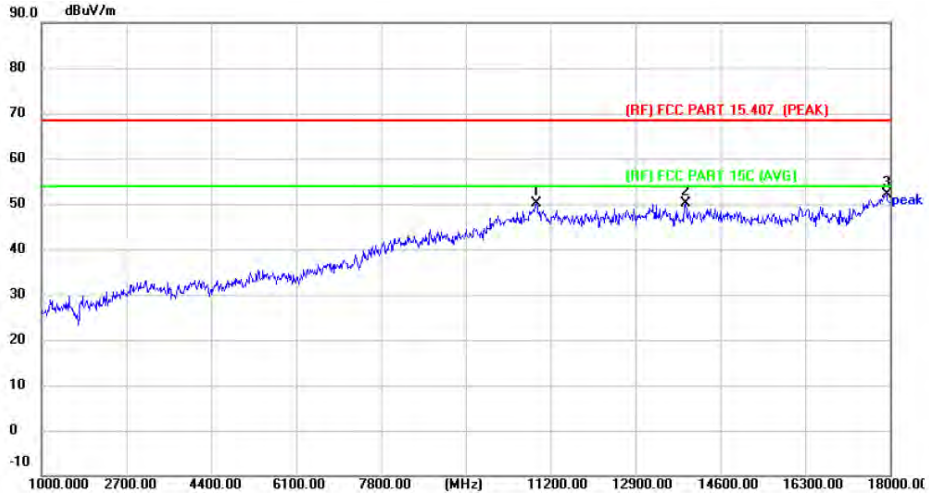


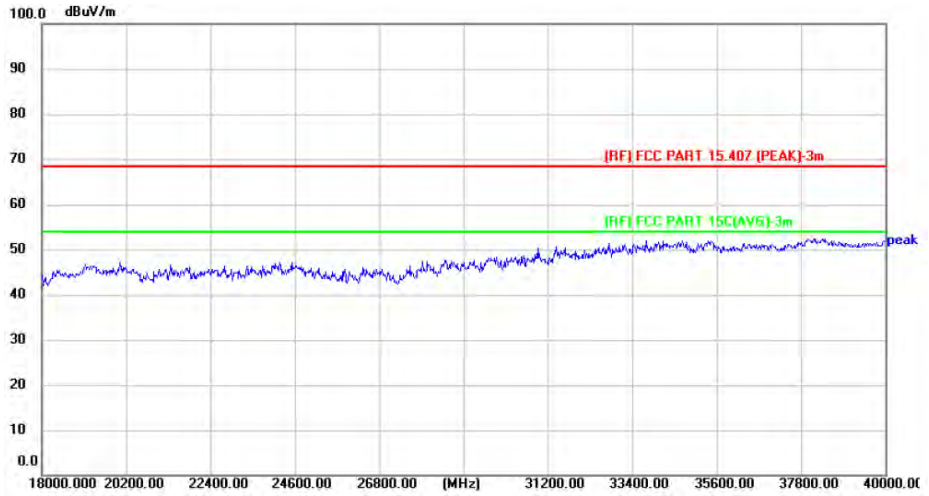
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10860.000	42.03	8.03	50.06	68.30	-18.24	peak	P
2	14362.000	39.61	10.73	50.34	68.30	-17.96	peak	P
3 *	17847.000	35.53	17.08	52.61	68.30	-15.69	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5280MHz		

Vertical



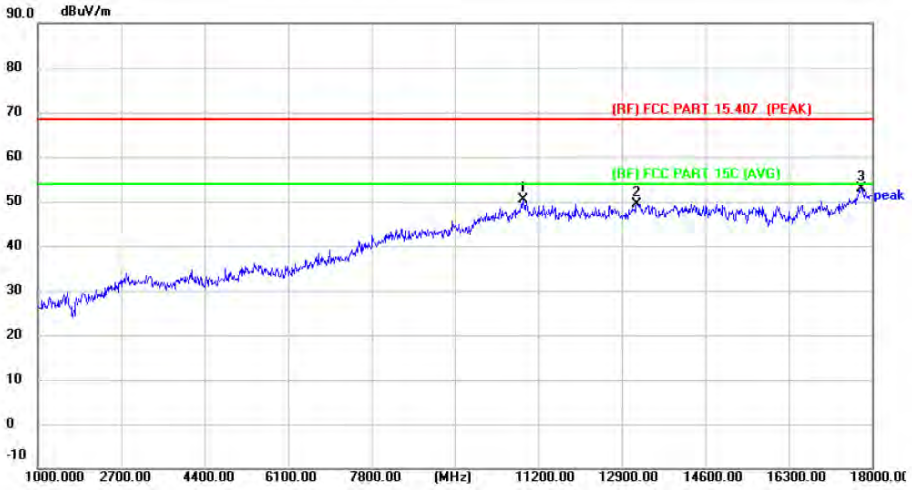


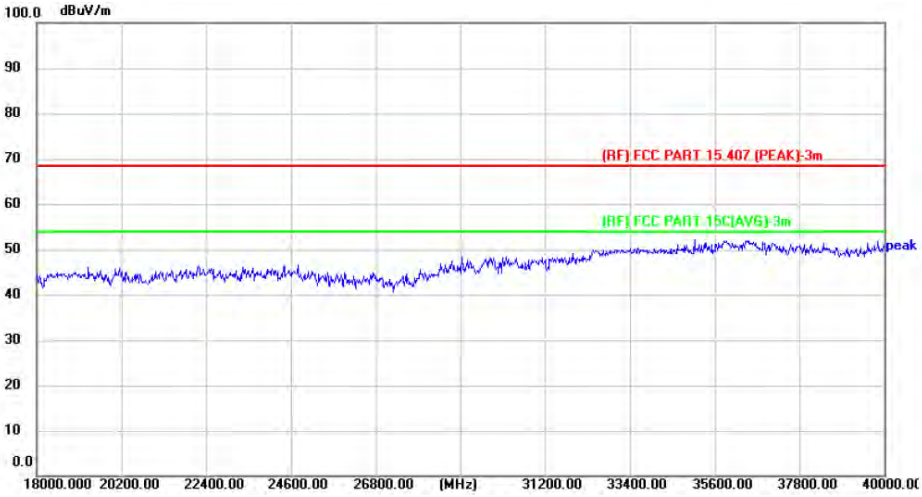
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10911.000	41.82	8.22	50.04	68.30	-18.26	peak	P
2	13903.000	39.21	11.01	50.22	68.30	-18.08	peak	P
3 *	17932.000	34.57	17.61	52.18	68.30	-16.12	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5320MHz		

Horizontal



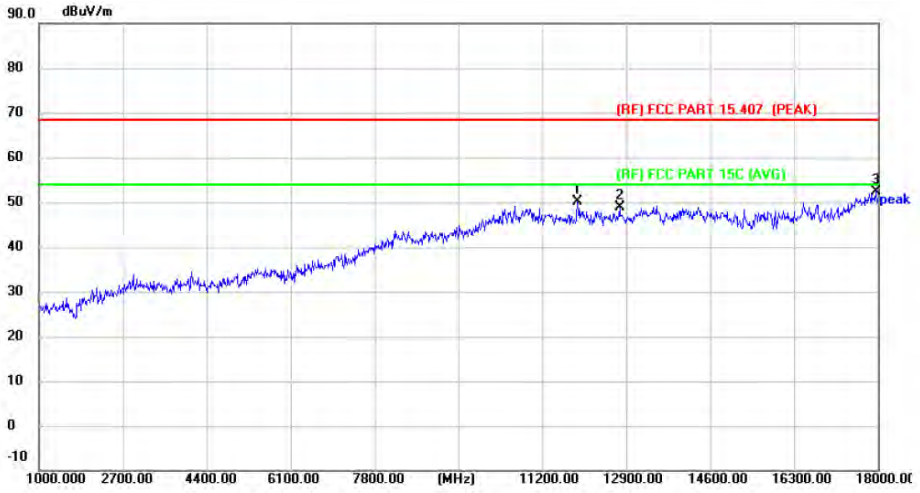


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	42.19	8.20	50.39	68.30	-17.91	peak	P
2	13206.000	39.58	9.80	49.38	68.30	-18.92	peak	P
3 *	17779.000	36.24	16.54	52.78	68.30	-15.52	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5320MHz		

Vertical

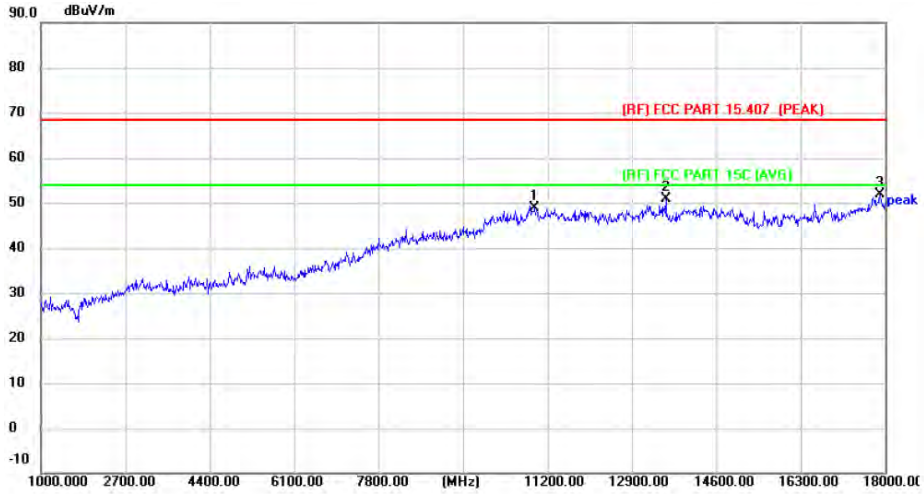


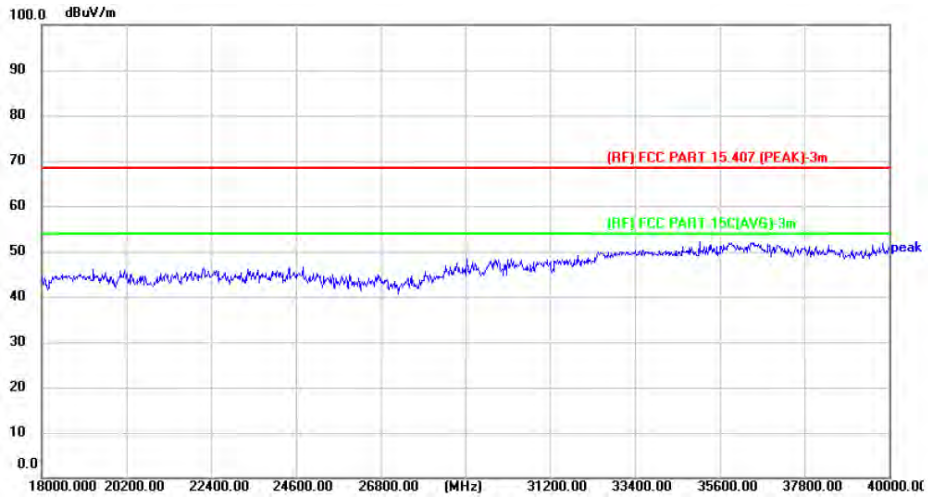
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11914.000	41.30	8.90	50.20	68.30	-18.10	peak	P
2	12764.000	39.44	9.46	48.90	68.30	-19.40	peak	P
3 *	17966.000	34.78	17.71	52.49	68.30	-15.81	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5260MHz		

Horizontal



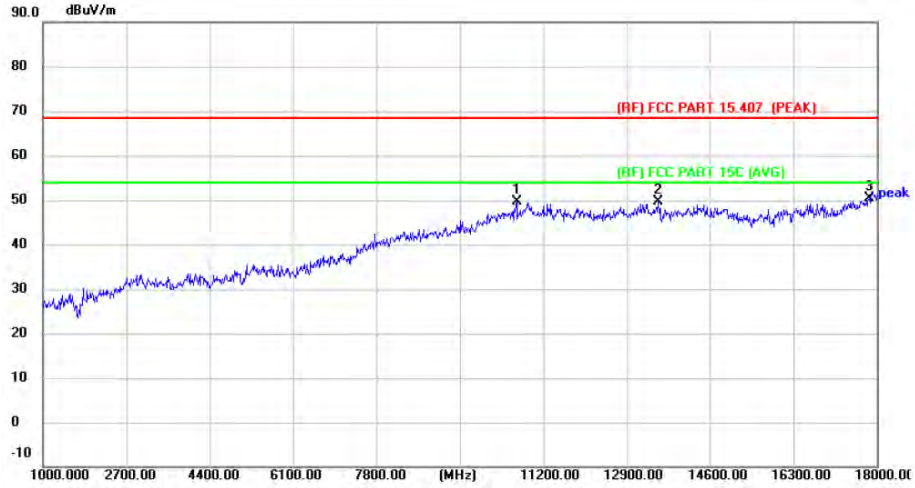


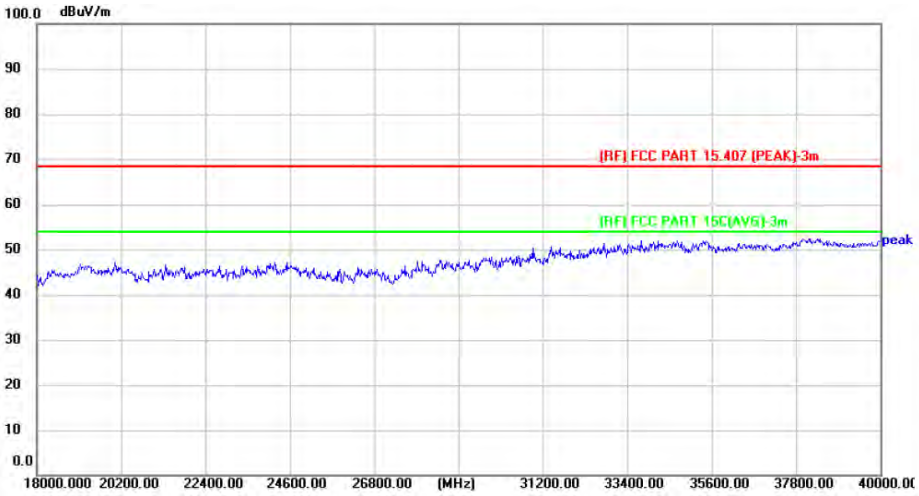
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	40.67	8.20	48.87	68.30	-19.43	peak	P
2	13580.000	40.83	9.97	50.80	68.30	-17.50	peak	P
3 *	17898.000	34.41	17.50	51.91	68.30	-16.39	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5260MHz		

Vertical



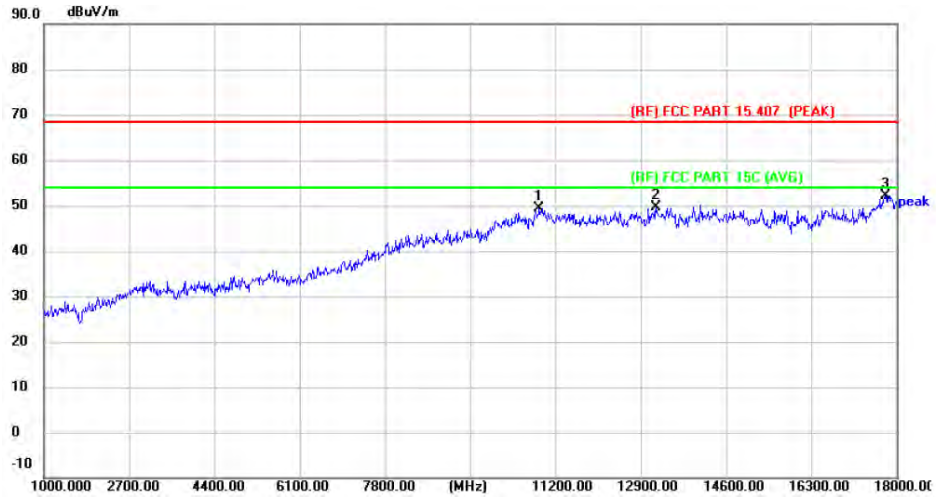


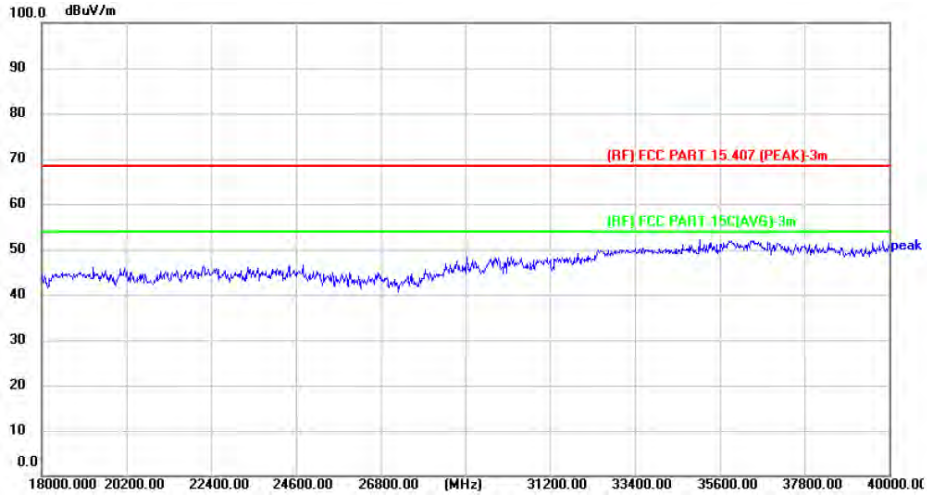
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10656.000	42.94	6.76	49.70	68.30	-18.60	peak	P
2	13546.000	39.55	10.02	49.57	68.30	-18.73	peak	P
3 *	17847.000	33.40	17.08	50.48	68.30	-17.82	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5280MHz		

Horizontal



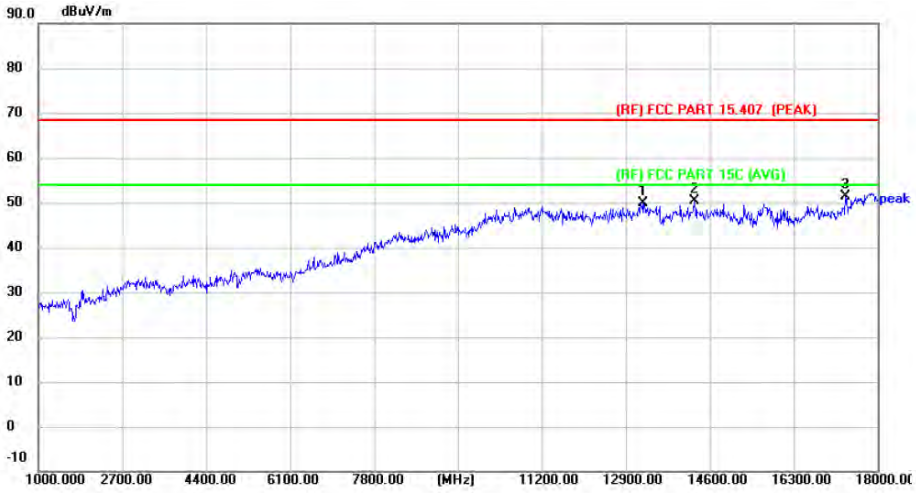


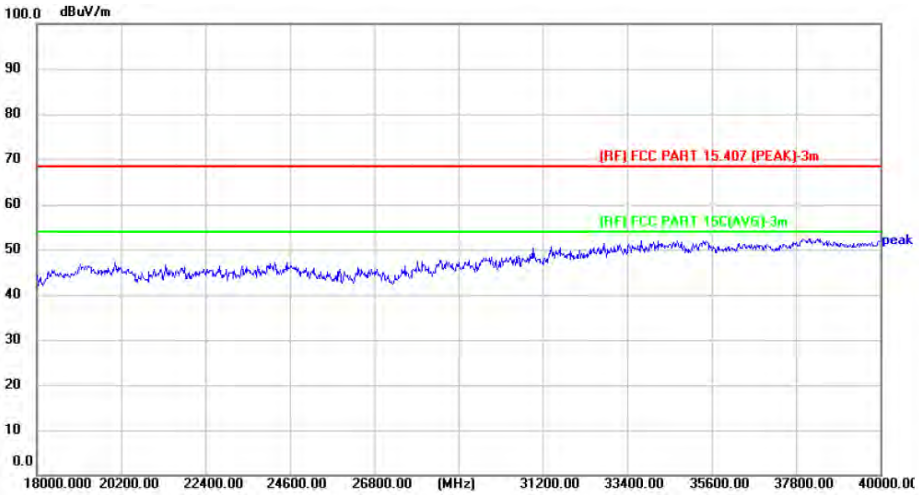
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10877.000	41.31	8.12	49.43	68.30	-18.87	peak	P
2	13206.000	39.75	9.80	49.55	68.30	-18.75	peak	P
3 *	17779.000	35.71	16.54	52.25	68.30	-16.05	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5280MHz		

Vertical



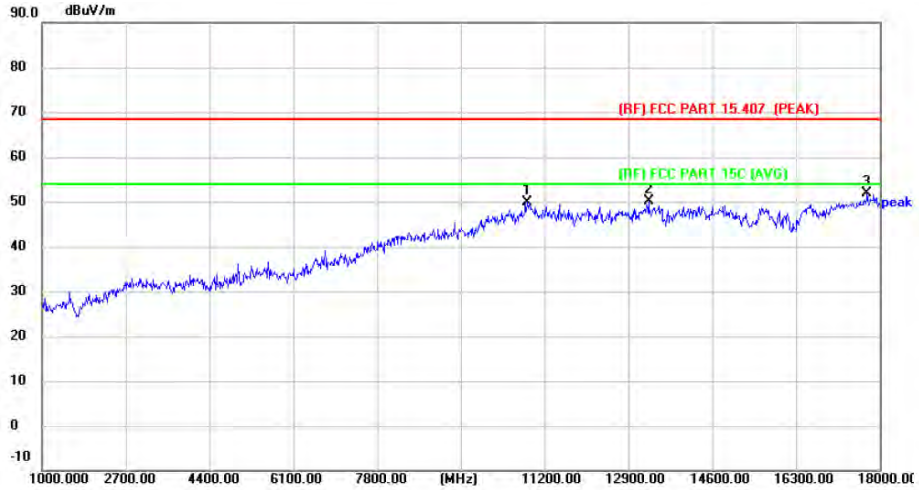


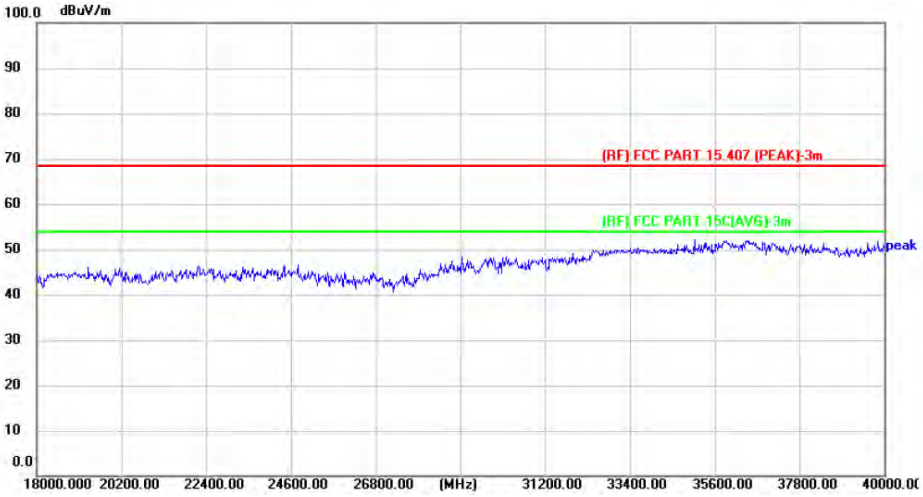
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13240.000	40.18	9.80	49.98	68.30	-18.32	peak	P
2	14294.000	39.96	10.30	50.26	68.30	-18.04	peak	P
3 *	17354.000	37.14	14.18	51.32	68.30	-16.98	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5320MHz		

Horizontal



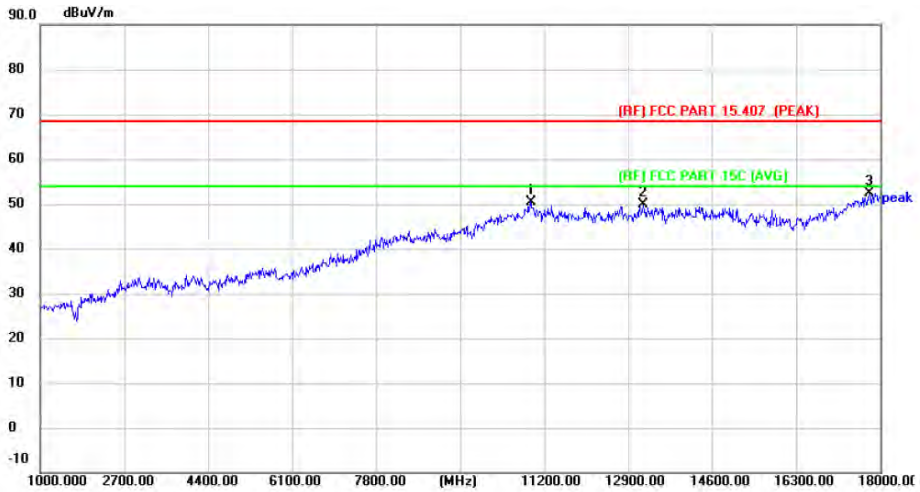


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10843.000	42.03	7.96	49.99	68.30	-18.31	peak	P
2	13308.000	40.23	9.81	50.04	68.30	-18.26	peak	P
3 *	17745.000	35.54	16.28	51.82	68.30	-16.48	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5320MHz		

Vertical

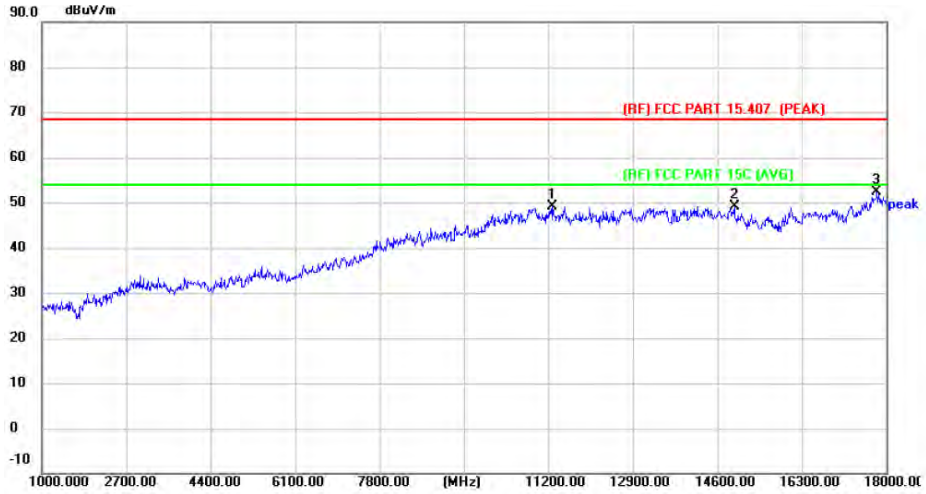


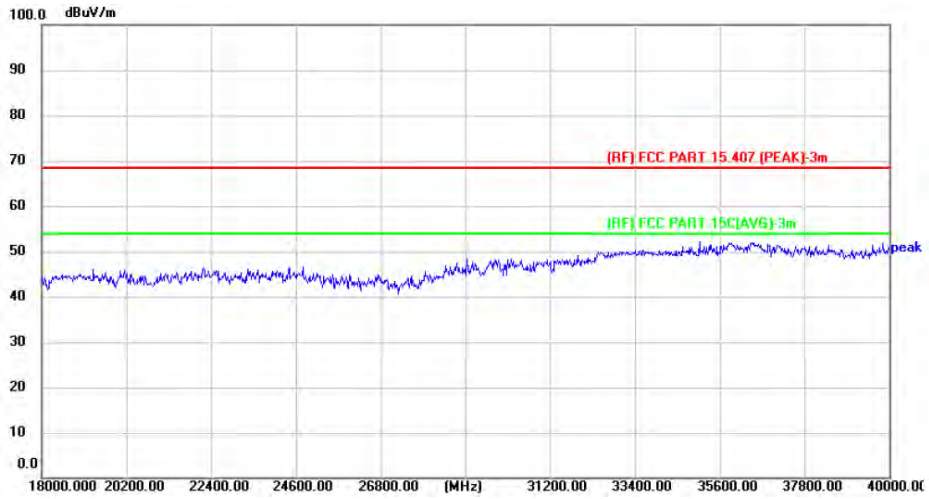
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10928.000	42.25	8.21	50.46	68.30	-17.84	peak	P
2	13206.000	40.19	9.80	49.99	68.30	-18.31	peak	P
3 *	17779.000	35.72	16.54	52.26	68.30	-16.04	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5500MHz		

Horizontal



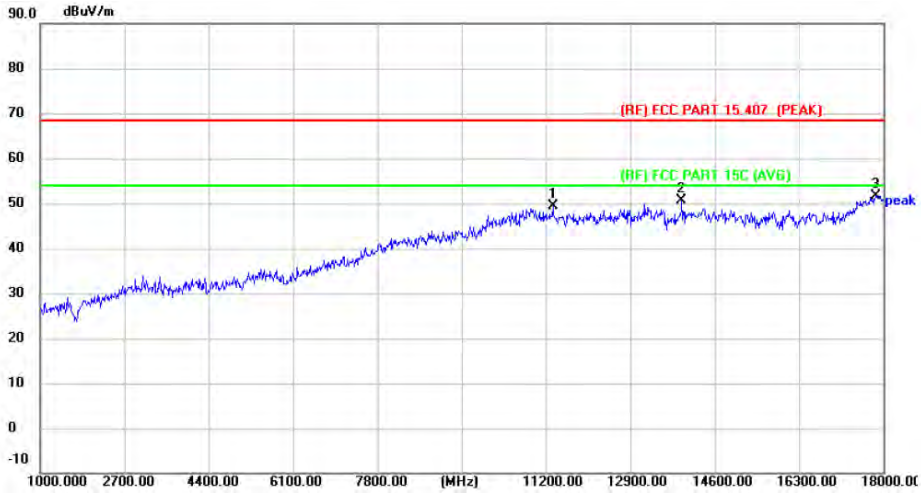


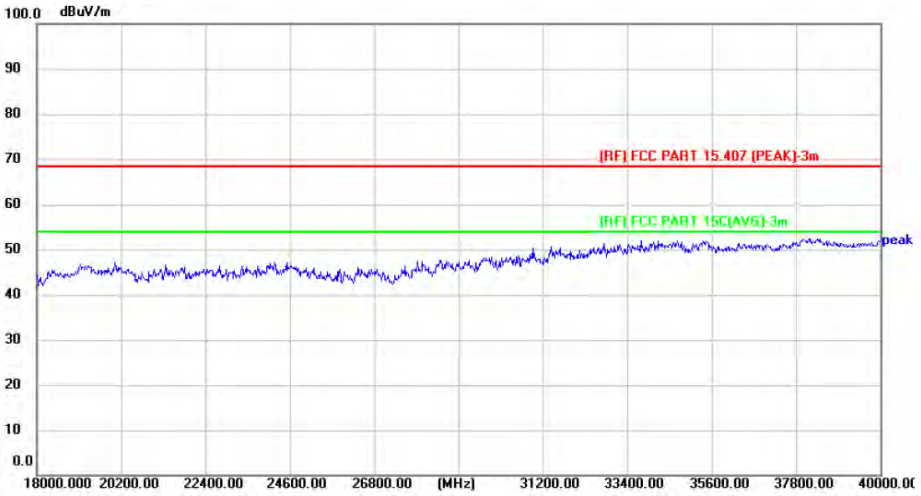
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11285.000	40.42	8.71	49.13	68.30	-19.17	peak	P
2	14940.000	37.81	11.37	49.18	68.30	-19.12	peak	P
3 *	17813.000	35.68	16.81	52.49	68.30	-15.81	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5500MHz		

Vertical



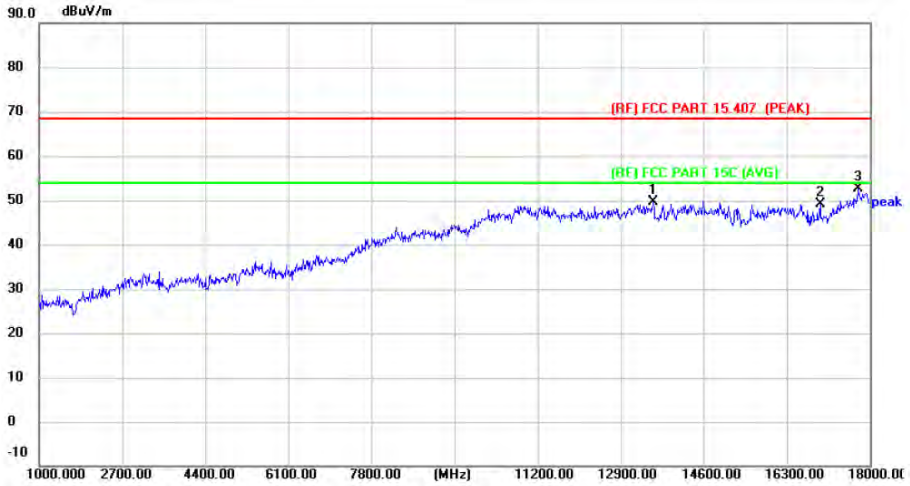


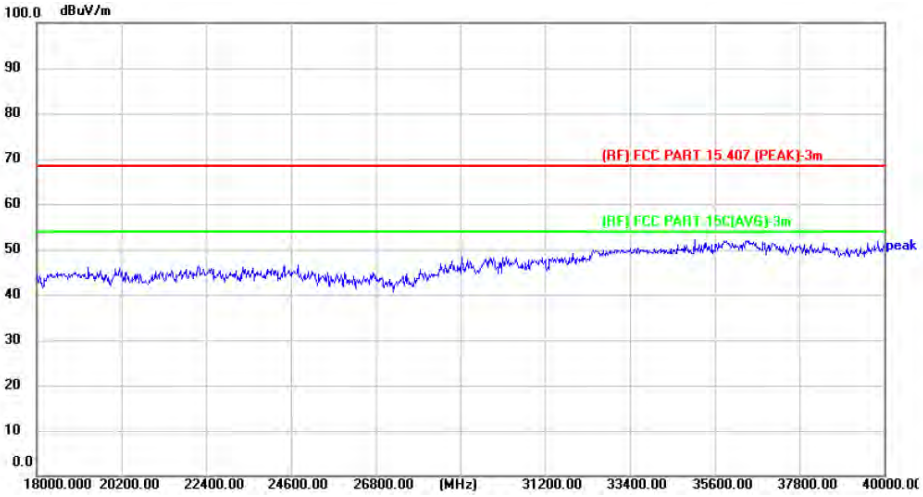
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11336.000	40.42	8.90	49.32	68.30	-18.98	peak	P
2	13937.000	39.78	10.80	50.58	68.30	-17.72	peak	P
3 *	17847.000	34.58	17.08	51.66	68.30	-16.64	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5580MHz		

Horizontal



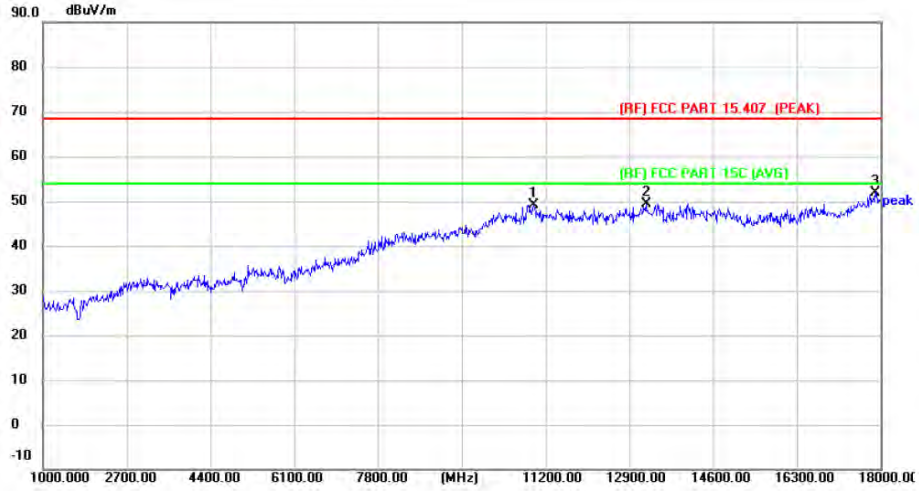


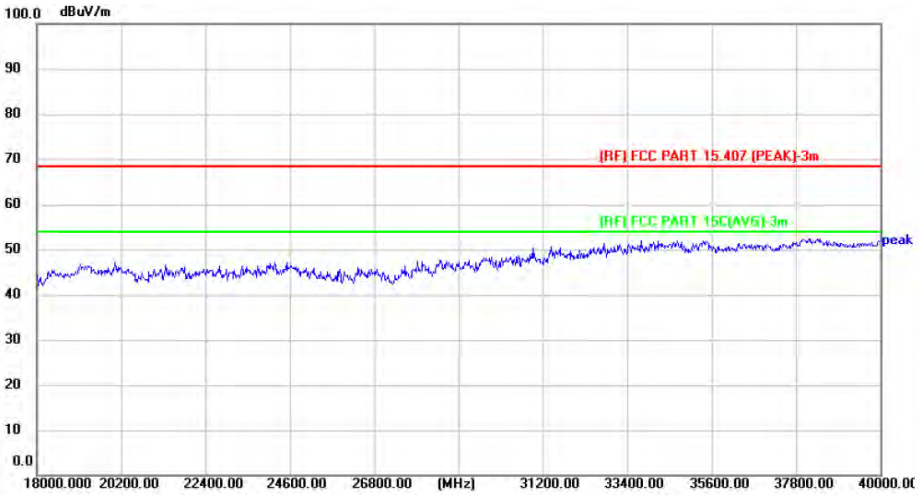
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13563.000	39.62	9.99	49.61	68.30	-18.69	peak	P
2	16980.000	37.62	11.50	49.12	68.30	-19.18	peak	P
3 *	17762.000	36.27	16.41	52.68	68.30	-15.62	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5580MHz		

Vertical



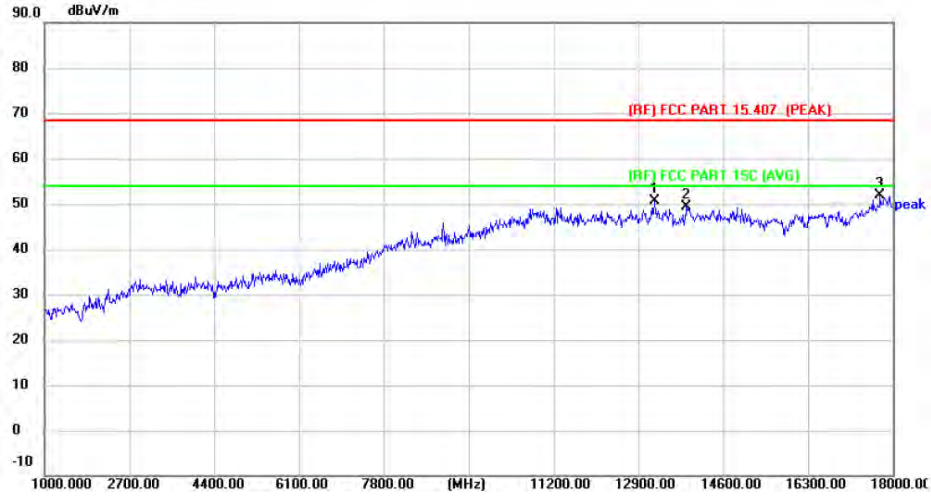


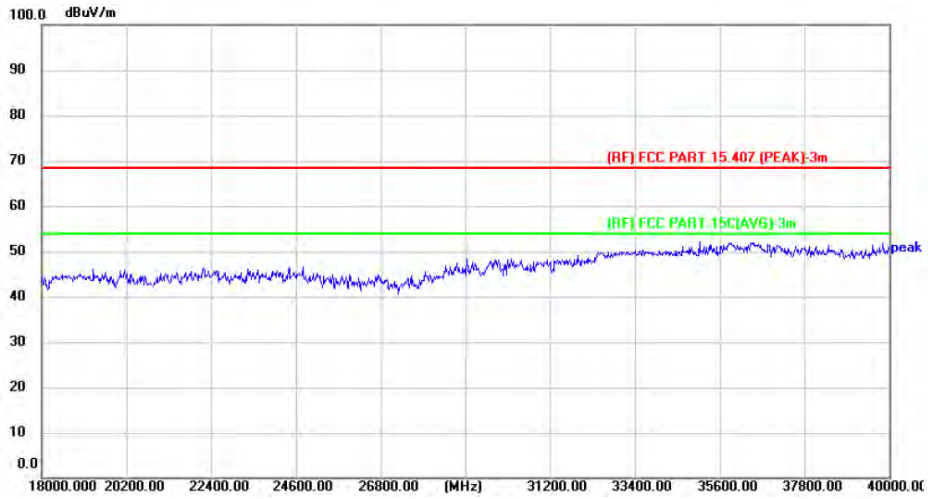
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10962.000	40.93	8.19	49.12	68.30	-19.18	peak	P
2	13240.000	39.62	9.80	49.42	68.30	-18.88	peak	P
3 *	17898.000	34.35	17.50	51.85	68.30	-16.45	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5720MHz		

Horizontal



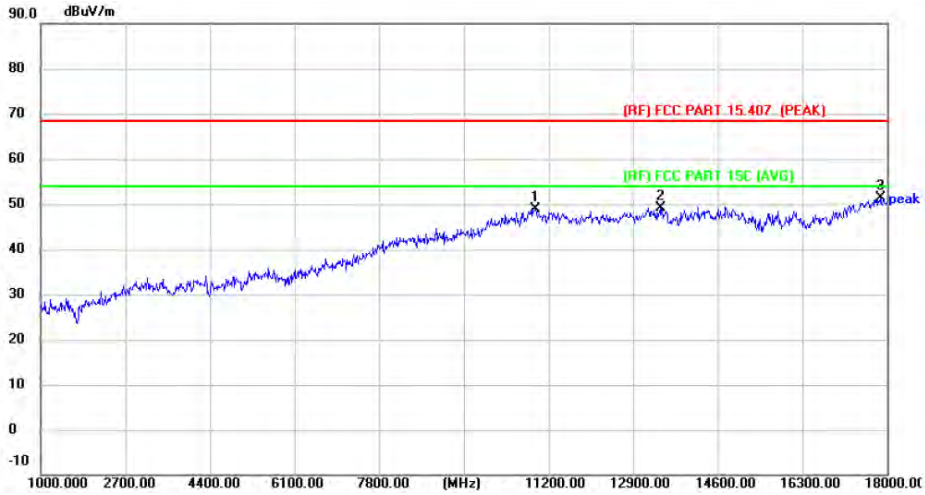


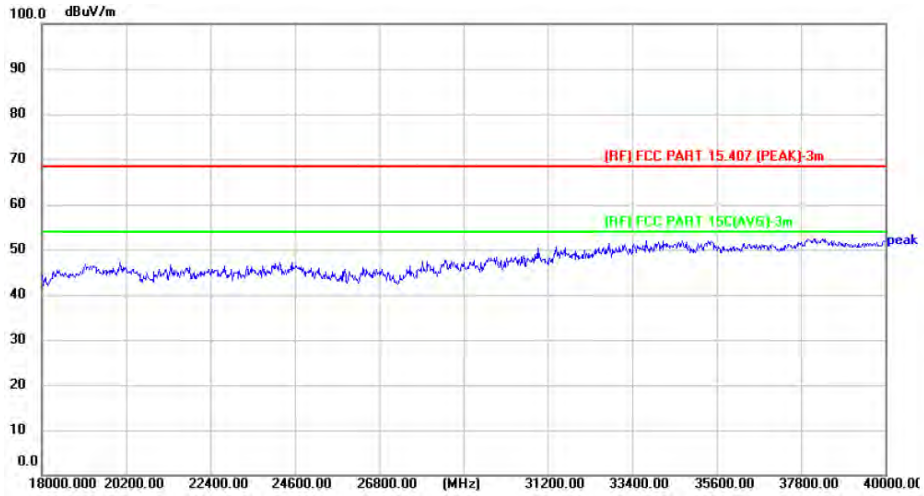
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13223.000	40.89	9.79	50.68	68.30	-17.62	peak	P
2	13869.000	38.66	10.73	49.39	68.30	-18.91	peak	P
3 *	17745.000	35.68	16.28	51.96	68.30	-16.34	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5720MHz		

Vertical



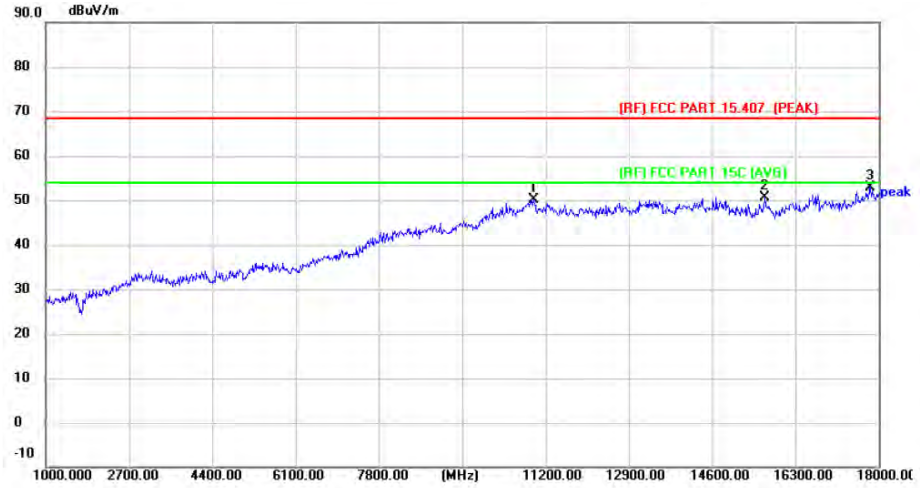


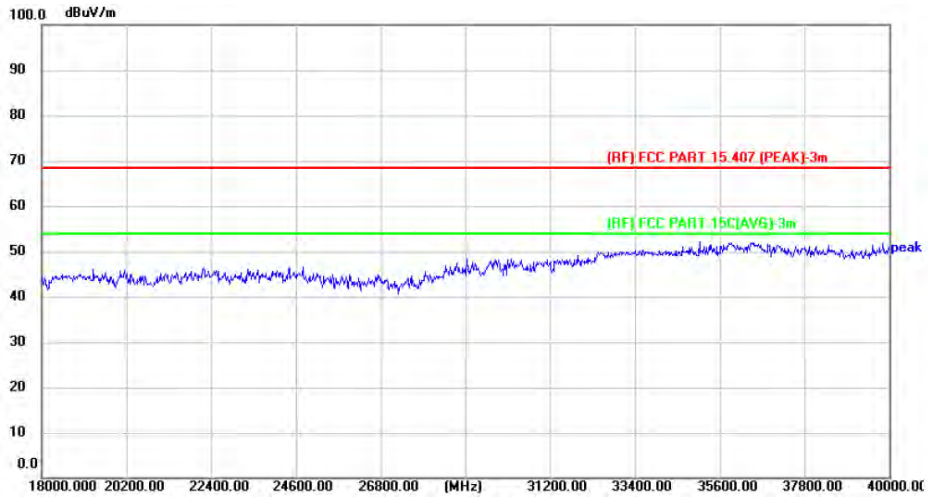
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	40.72	8.20	48.92	68.30	-19.38	peak	P
2	13444.000	38.88	10.15	49.03	68.30	-19.27	peak	P
3 *	17881.000	33.93	17.36	51.29	68.30	-17.01	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5500MHz		

Horizontal



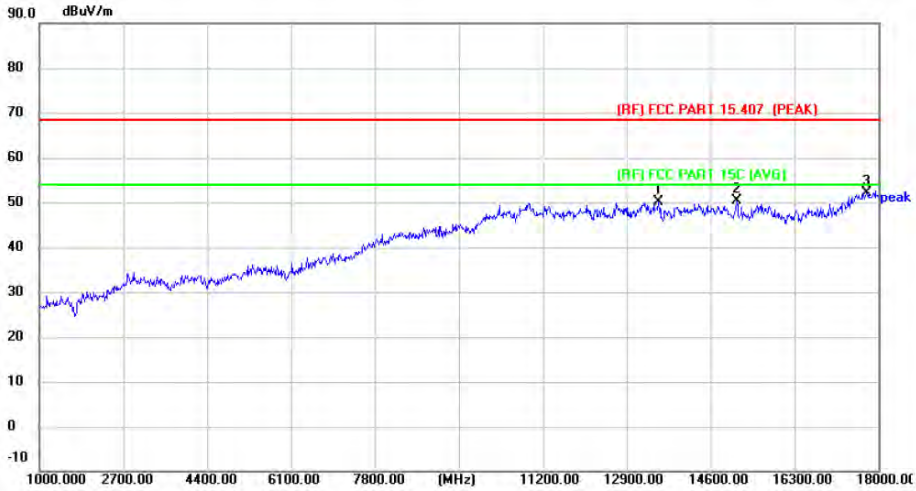


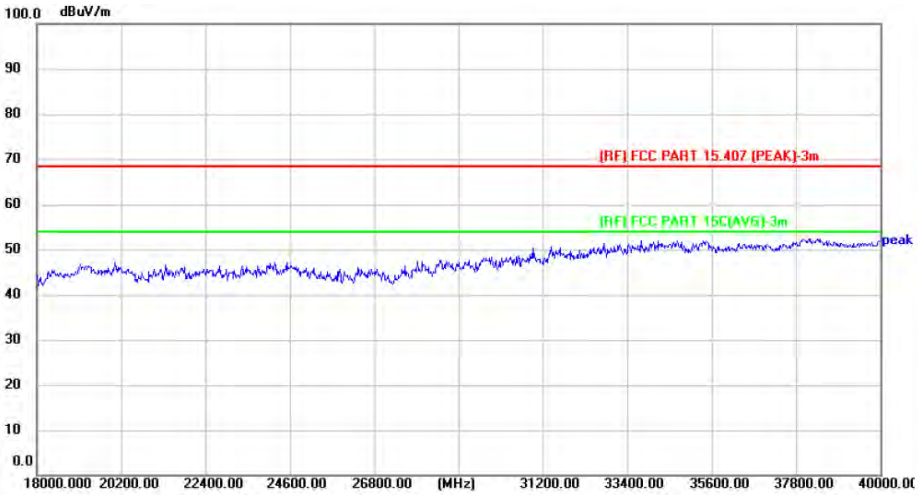
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10962.000	41.92	8.19	50.11	68.30	-18.19	peak	P
2	15671.000	42.20	8.38	50.58	68.30	-17.72	peak	P
3 *	17830.000	36.05	16.95	53.00	68.30	-15.30	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5500MHz		

Vertical



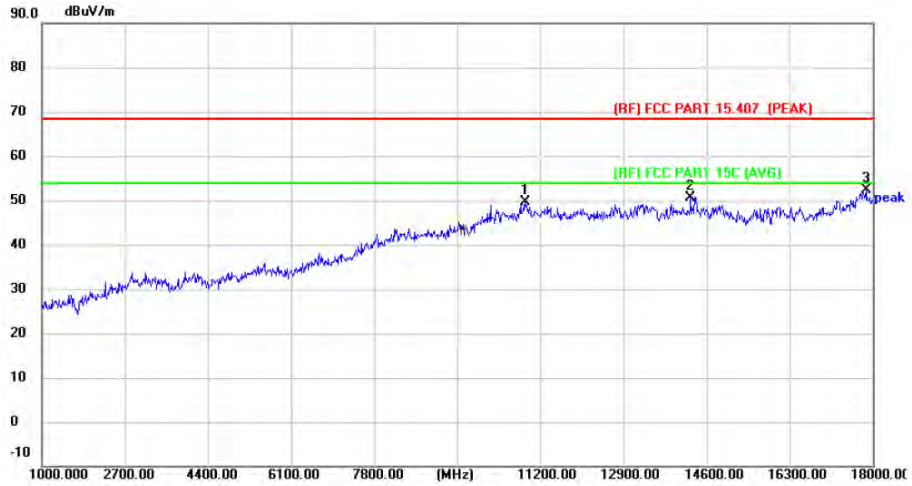


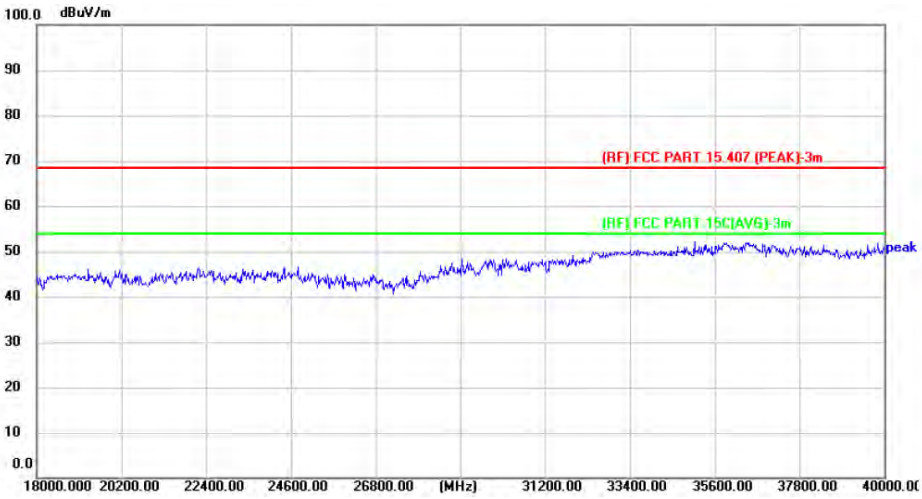
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	13546.000	40.06	10.02	50.08	68.30	-18.22	peak	P
2	15127.000	39.26	11.24	50.50	68.30	-17.80	peak	P
3 *	17762.000	35.63	16.41	52.04	68.30	-16.26	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5580MHz		

Horizontal



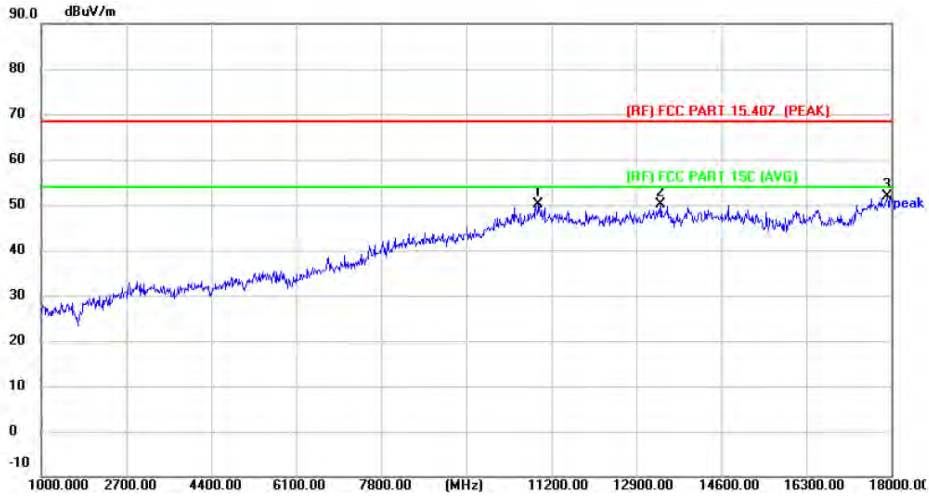


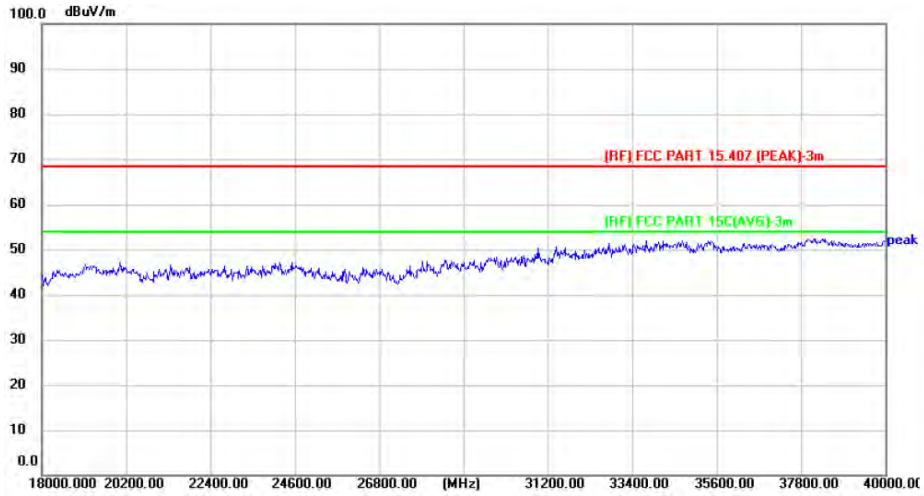
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.49	8.20	49.69	68.30	-18.61	peak	P
2	14277.000	40.43	10.30	50.73	68.30	-17.57	peak	P
3 *	17864.000	35.17	17.22	52.39	68.30	-15.91	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5580MHz		

Vertical



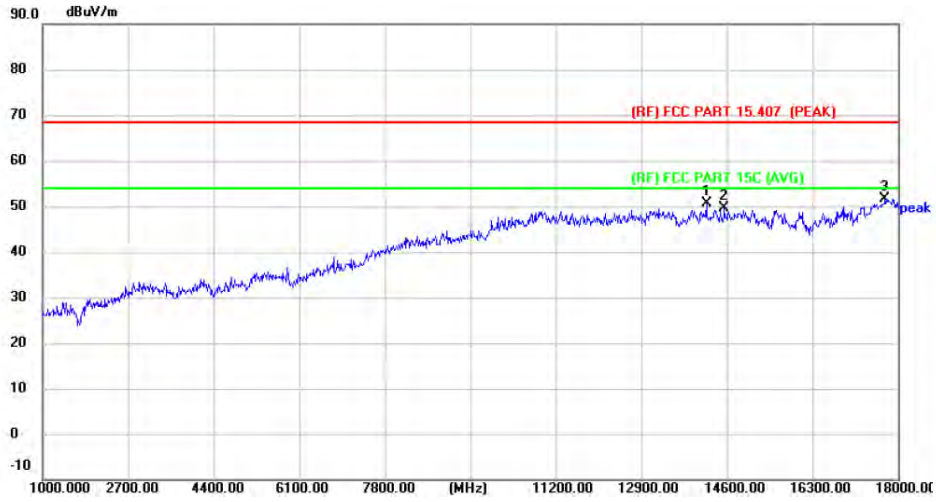


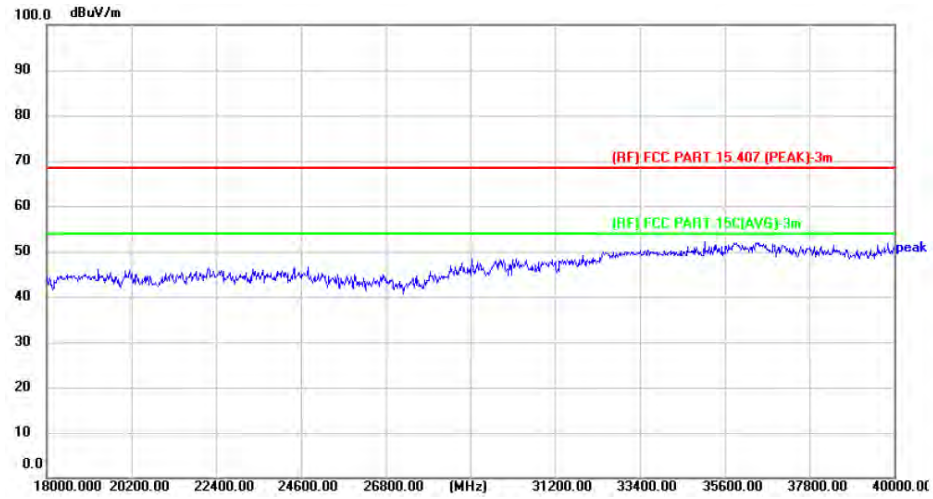
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	41.91	8.20	50.11	68.30	-18.19	peak	P
2	13393.000	39.87	10.16	50.03	68.30	-18.27	peak	P
3 *	17915.000	34.32	17.56	51.88	68.30	-16.42	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5720MHz		

Horizontal



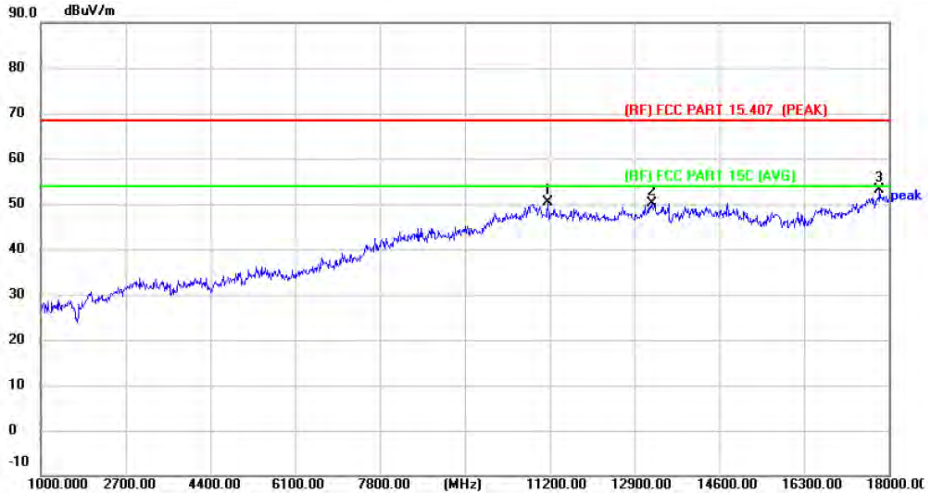


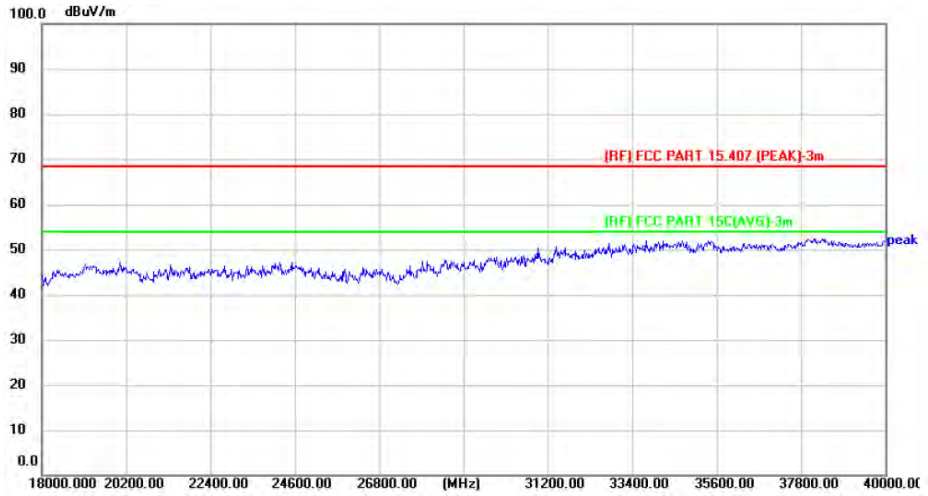
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	14192.000	40.39	10.25	50.64	68.30	-17.66	peak	P
2	14549.000	38.94	10.75	49.69	68.30	-18.61	peak	P
3 *	17745.000	35.41	16.28	51.69	68.30	-16.61	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5720MHz		

Vertical



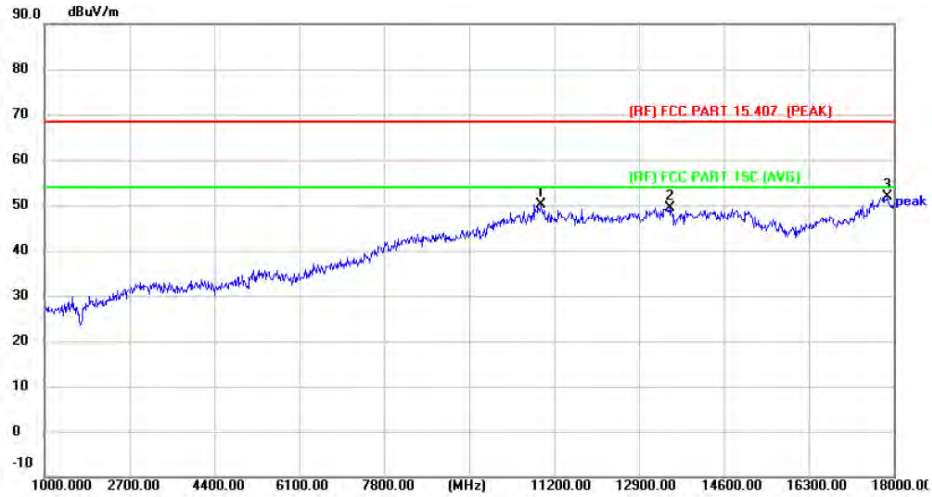


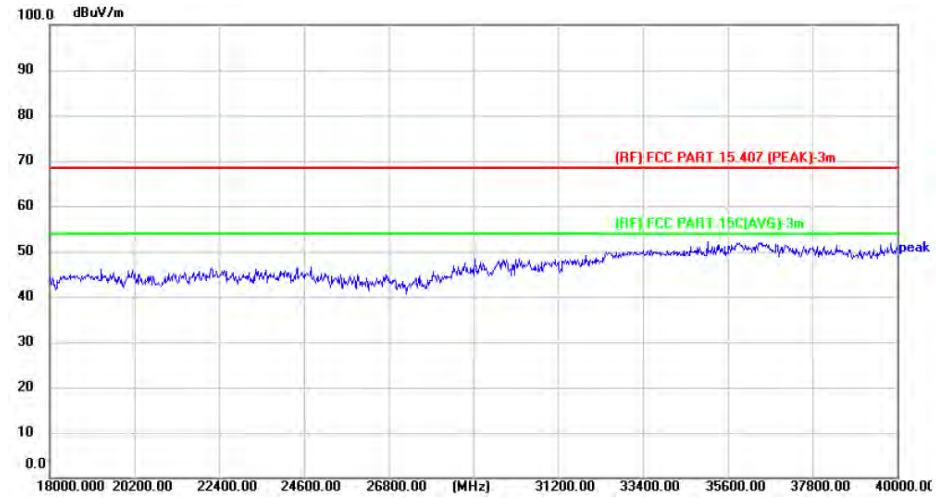
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11166.000	42.64	7.86	50.50	68.30	-17.80	peak	P
2	13240.000	40.45	9.80	50.25	68.30	-18.05	peak	P
3 *	17813.000	36.37	16.81	53.18	68.30	-15.12	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5500MHz		

Horizontal



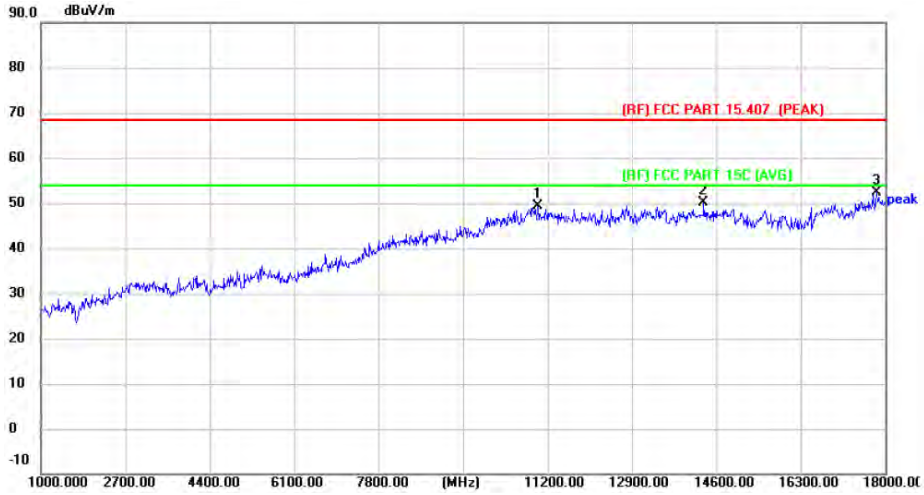


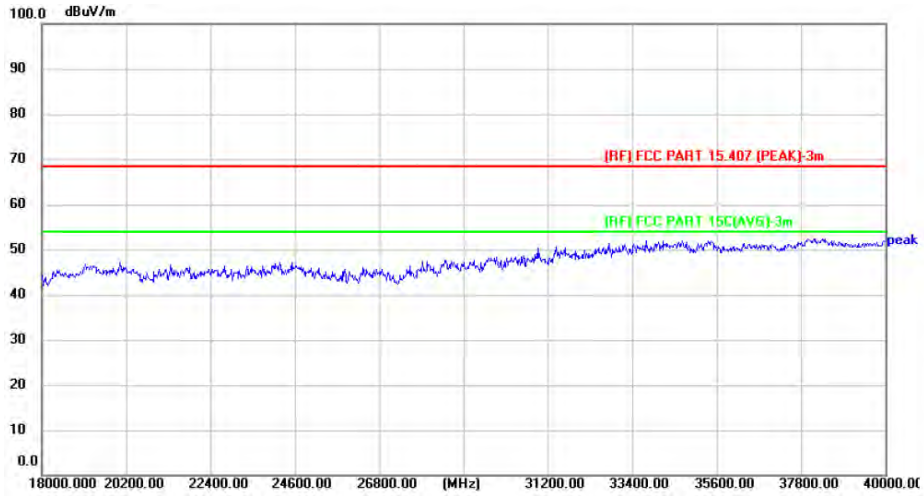
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	41.93	8.20	50.13	68.30	-18.17	peak	P
2	13512.000	39.22	10.09	49.31	68.30	-18.99	peak	P
3 *	17881.000	34.64	17.36	52.00	68.30	-16.30	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5500MHz		

Vertical



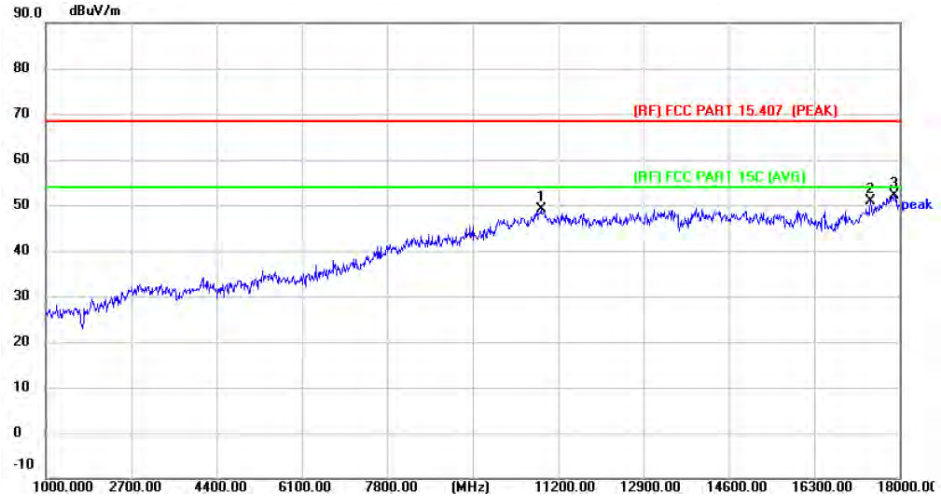


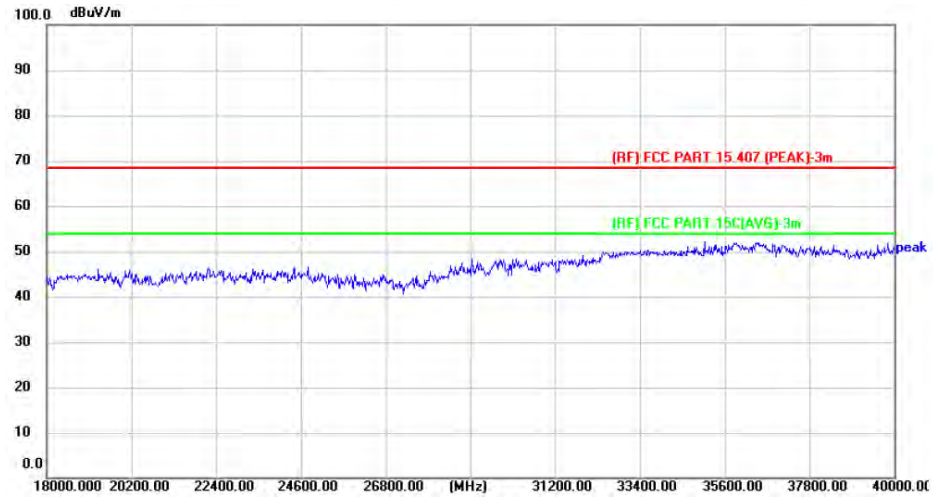
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11013.000	41.30	8.12	49.42	68.30	-18.88	peak	P
2	14345.000	39.48	10.61	50.09	68.30	-18.21	peak	P
3 *	17830.000	35.49	16.95	52.44	68.30	-15.86	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5580MHz		

Horizontal



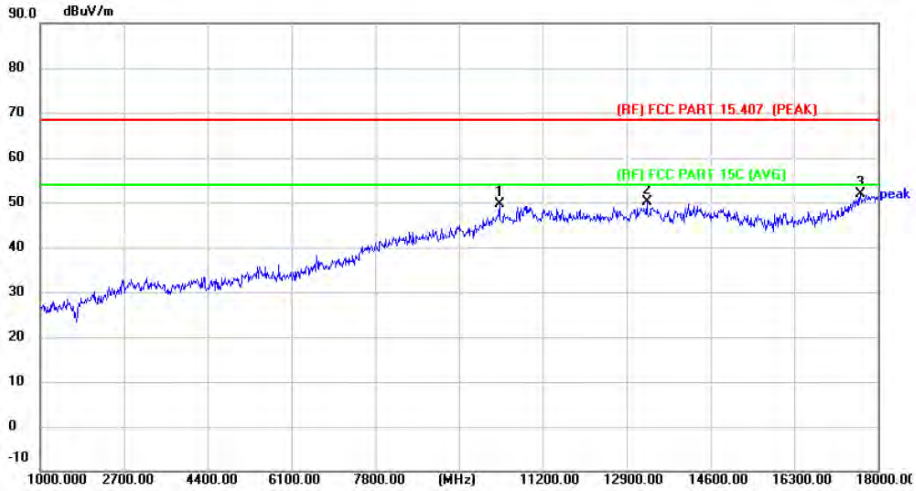


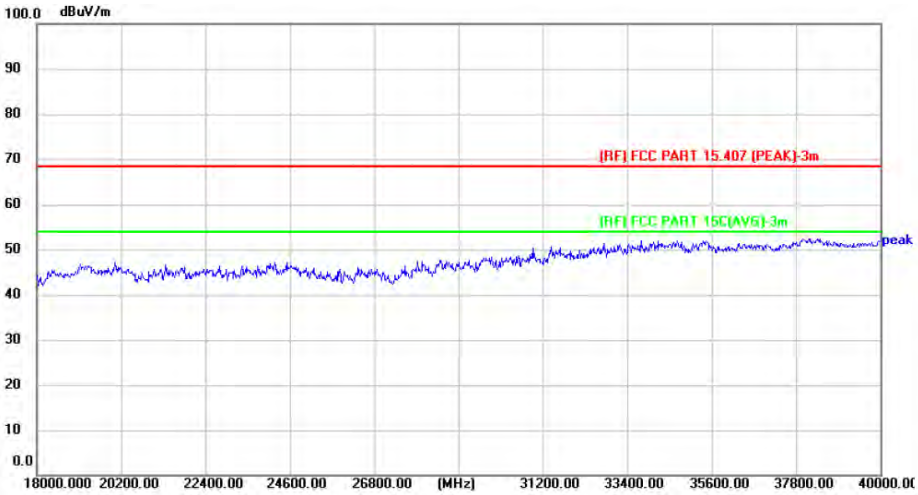
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10860.000	41.11	8.03	49.14	68.30	-19.16	peak	P
2	17422.000	36.17	14.61	50.78	68.30	-17.52	peak	P
3 *	17898.000	34.66	17.50	52.16	68.30	-16.14	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5580MHz		

Vertical



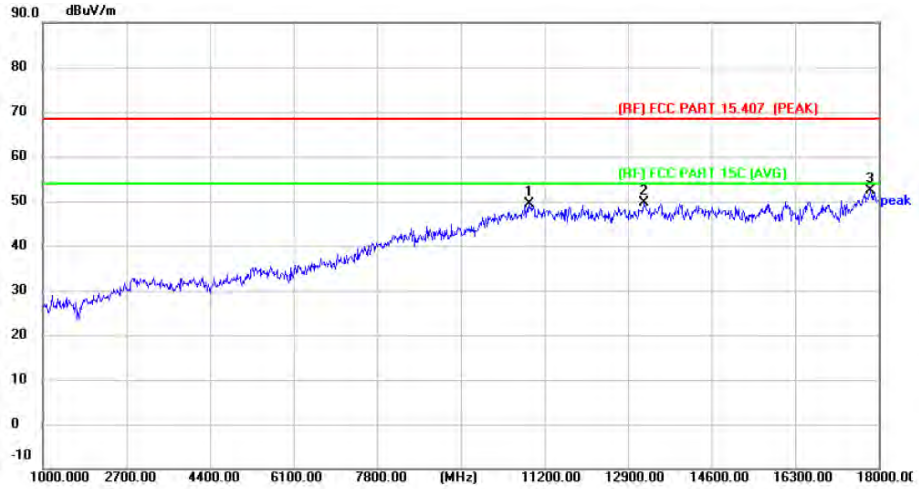


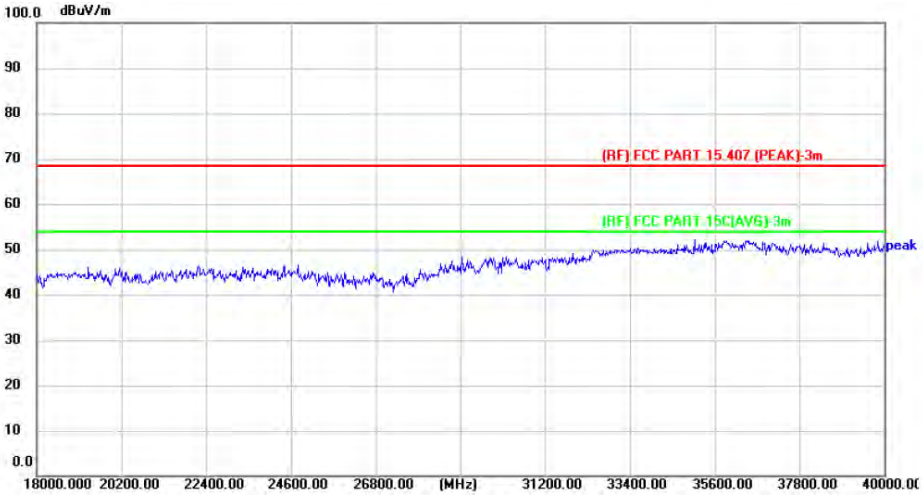
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10316.000	43.60	5.97	49.57	68.30	-18.73	peak	P
2	13308.000	40.42	9.81	50.23	68.30	-18.07	peak	P
3 *	17643.000	36.12	15.76	51.88	68.30	-16.42	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5720MHz		

Horizontal



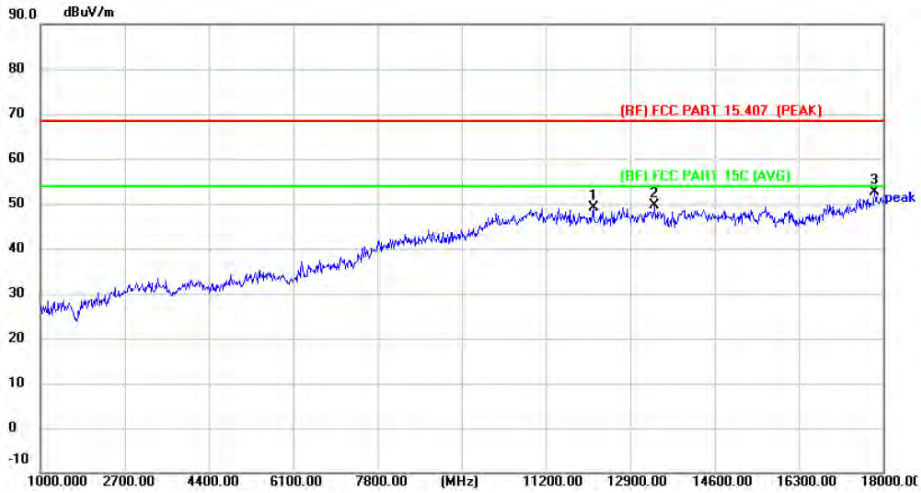


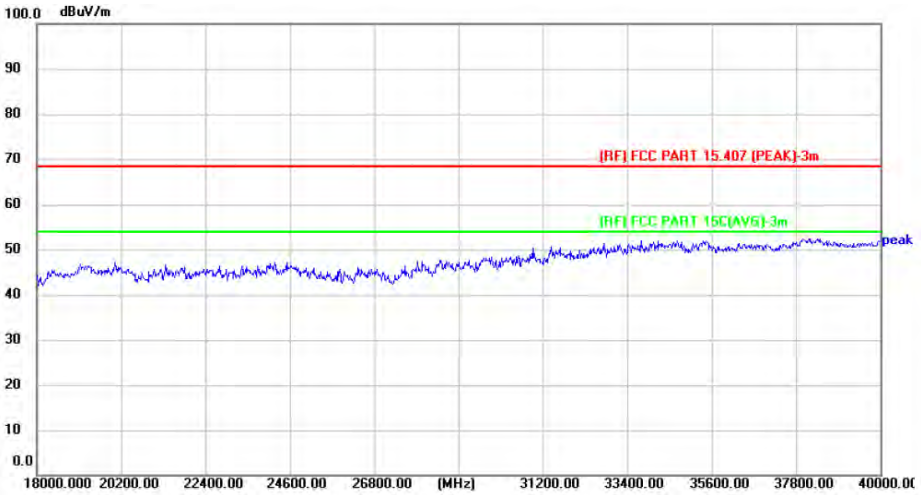
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.26	8.20	49.46	68.30	-18.84	peak	P
2	13223.000	39.91	9.79	49.70	68.30	-18.60	peak	P
3 *	17830.000	35.45	16.95	52.40	68.30	-15.90	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5720MHz		

Vertical



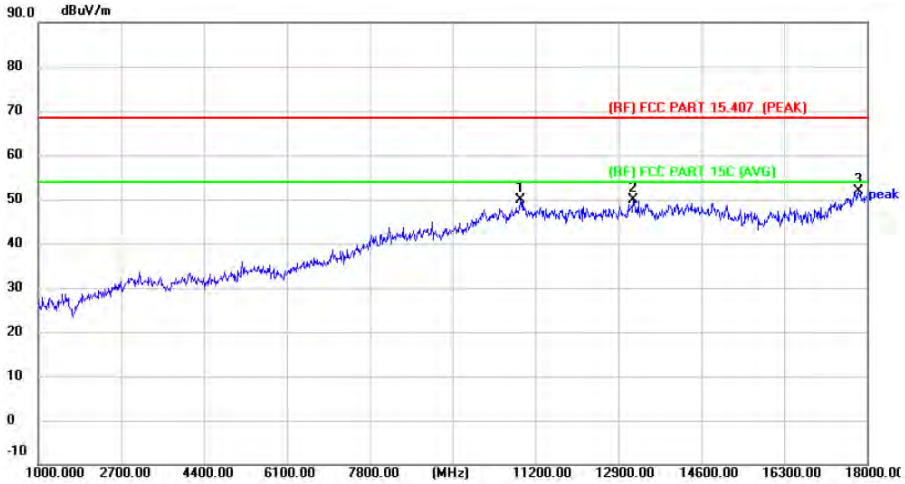


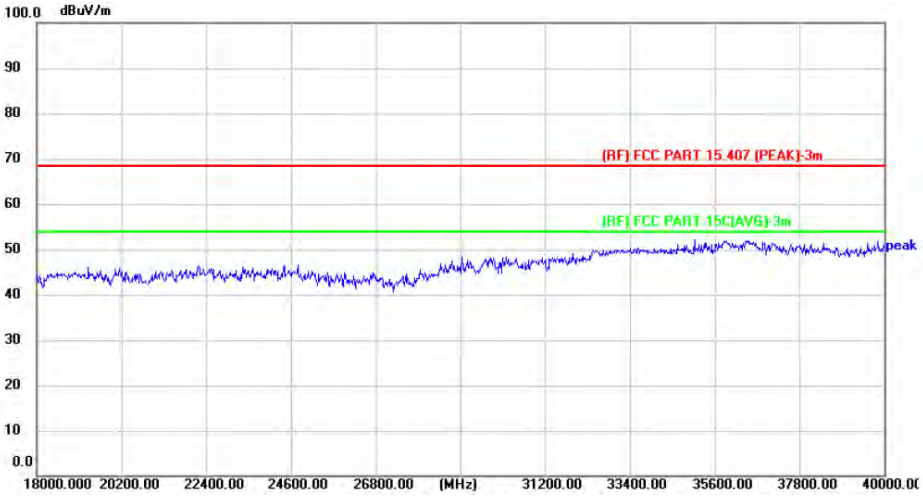
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12152.000	39.87	9.24	49.11	68.30	-19.19	peak	P
2	13393.000	39.42	10.16	49.58	68.30	-18.72	peak	P
3 *	17830.000	35.57	16.95	52.52	68.30	-15.78	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5500MHz		

Horizontal



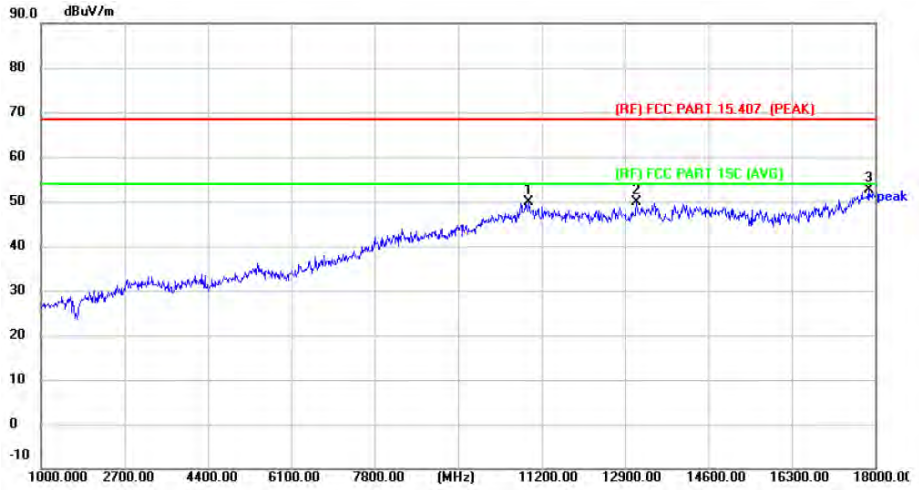


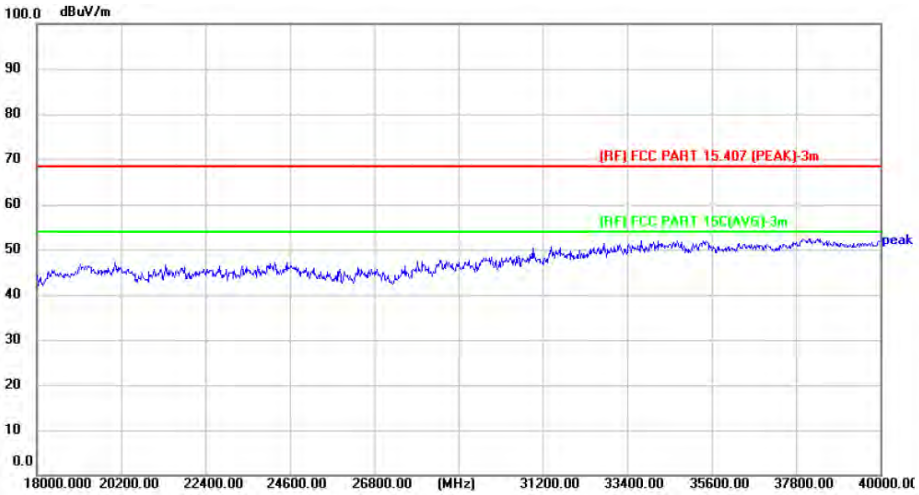
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.59	8.20	49.79	68.30	-18.51	peak	P
2	13206.000	39.99	9.80	49.79	68.30	-18.51	peak	P
3 *	17830.000	34.95	16.95	51.90	68.30	-16.40	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5500MHz		

Vertical



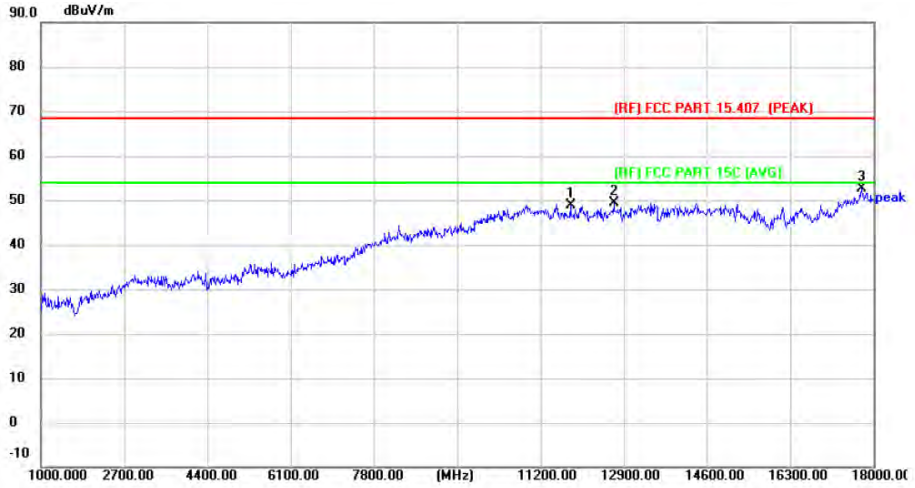


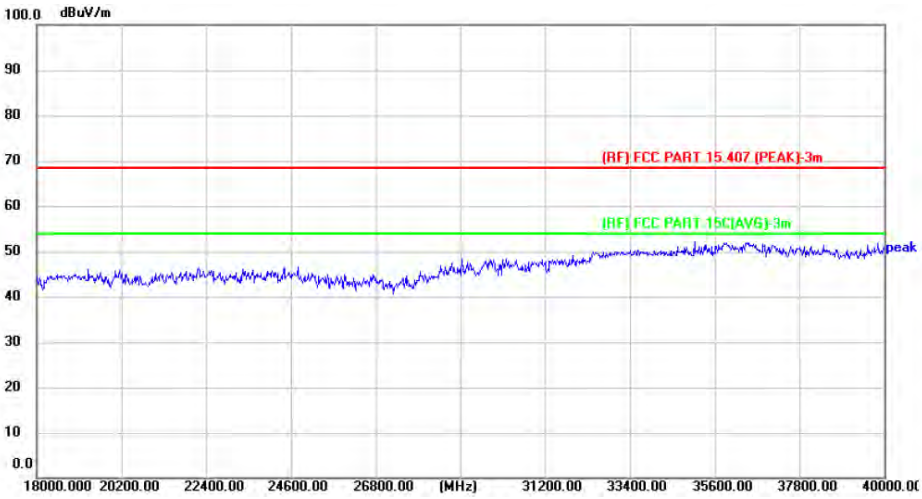
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10945.000	41.66	8.20	49.86	68.30	-18.44	peak	P
2	13138.000	40.11	9.83	49.94	68.30	-18.36	peak	P
3 *	17864.000	35.44	17.22	52.66	68.30	-15.64	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5580MHz		

Horizontal



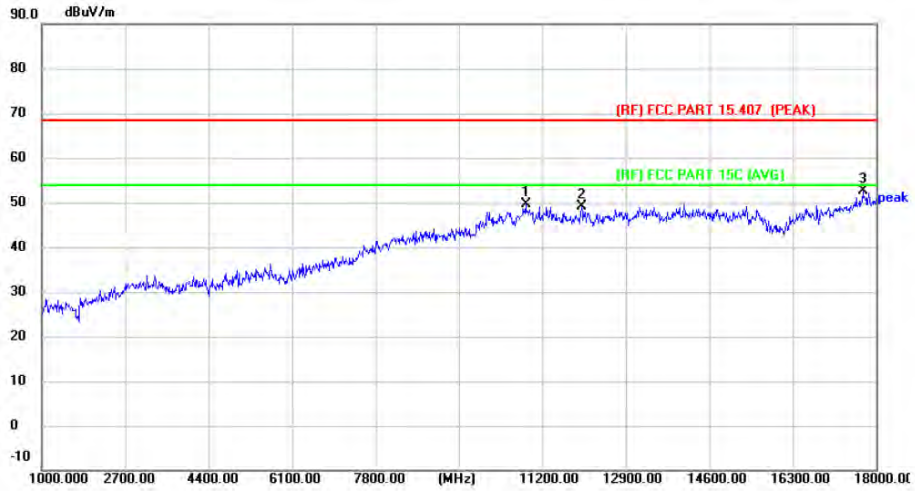


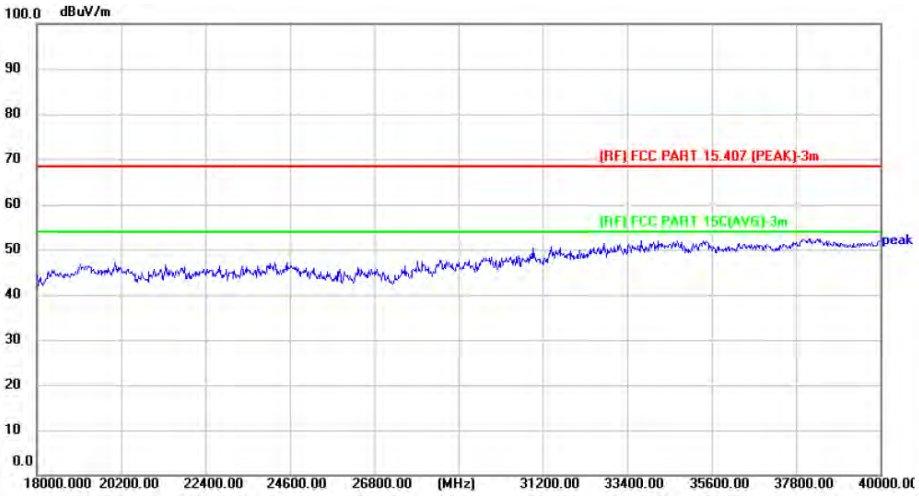
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11812.000	39.86	9.05	48.91	68.30	-19.39	peak	P
2	12696.000	39.72	9.64	49.36	68.30	-18.94	peak	P
3 *	17762.000	36.13	16.41	52.54	68.30	-15.76	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5580MHz		

Vertical



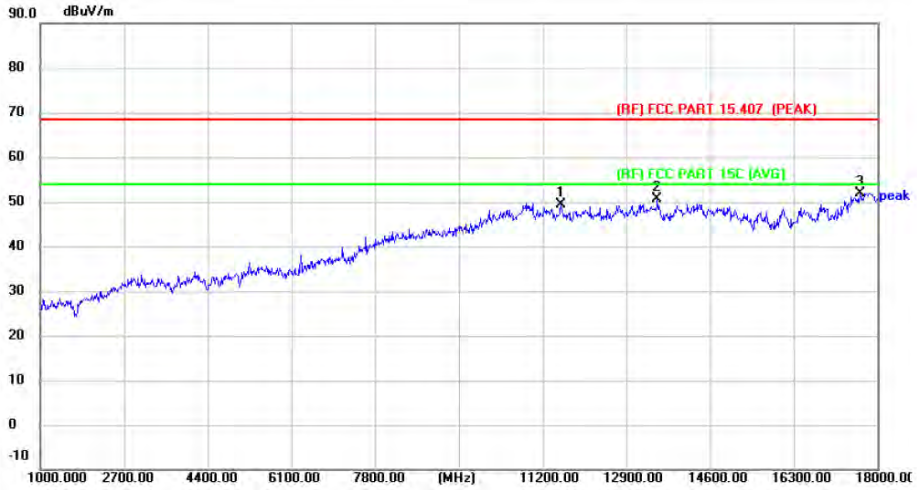


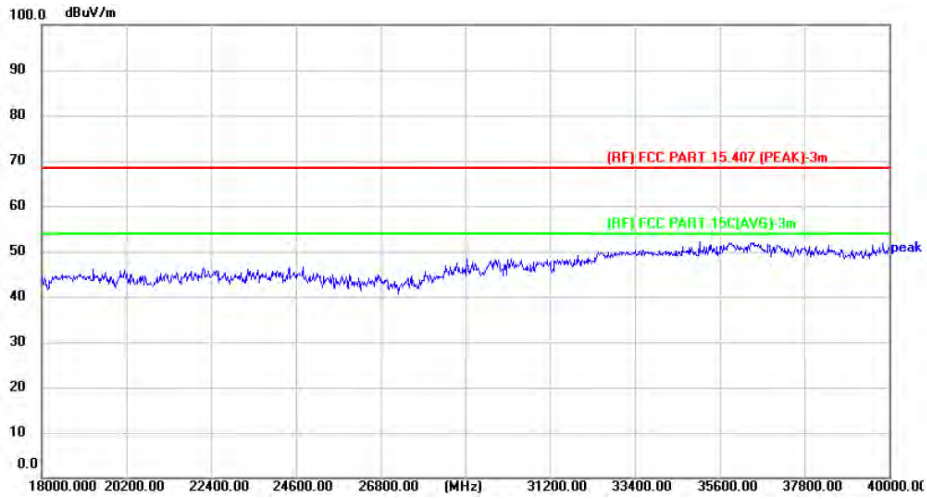
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10860.000	41.69	8.03	49.72	68.30	-18.58	peak	P
2	11999.000	39.86	9.20	49.06	68.30	-19.24	peak	P
3 *	17728.000	36.39	16.15	52.54	68.30	-15.76	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5720MHz		

Horizontal



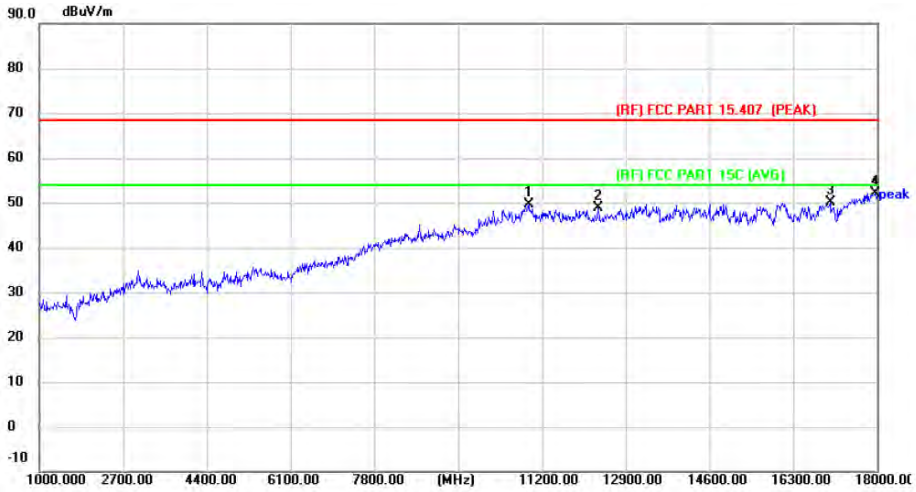


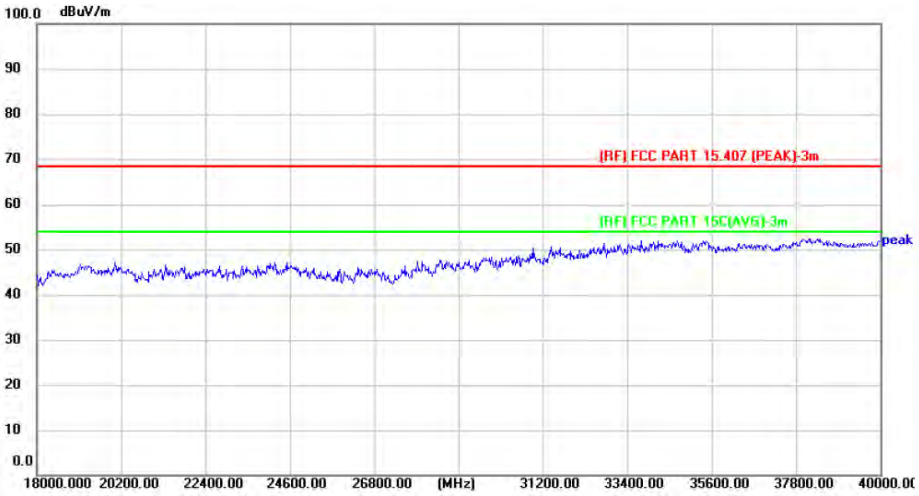
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	11574.000	40.54	8.73	49.27	68.30	-19.03	peak	P
2	13529.000	40.60	10.06	50.66	68.30	-17.64	peak	P
3 *	17643.000	36.20	15.76	51.96	68.30	-16.34	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ax(HE20) Mode 5720MHz		

Vertical



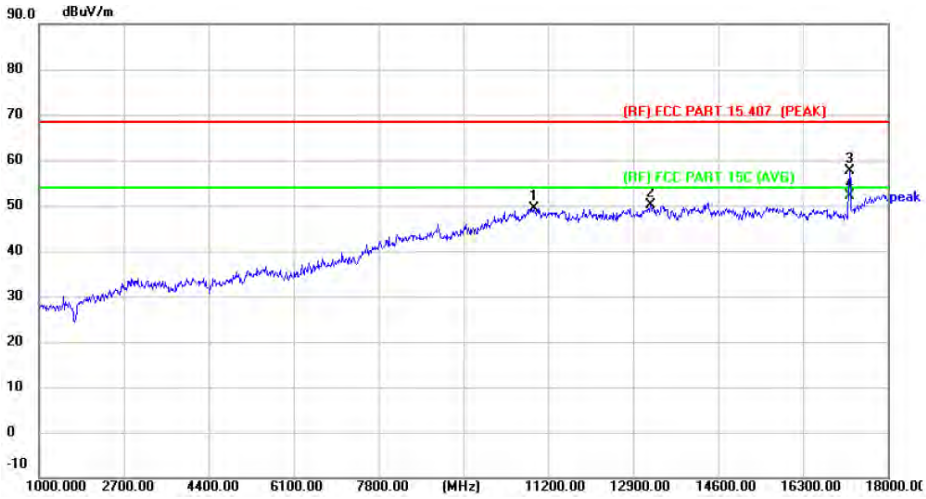


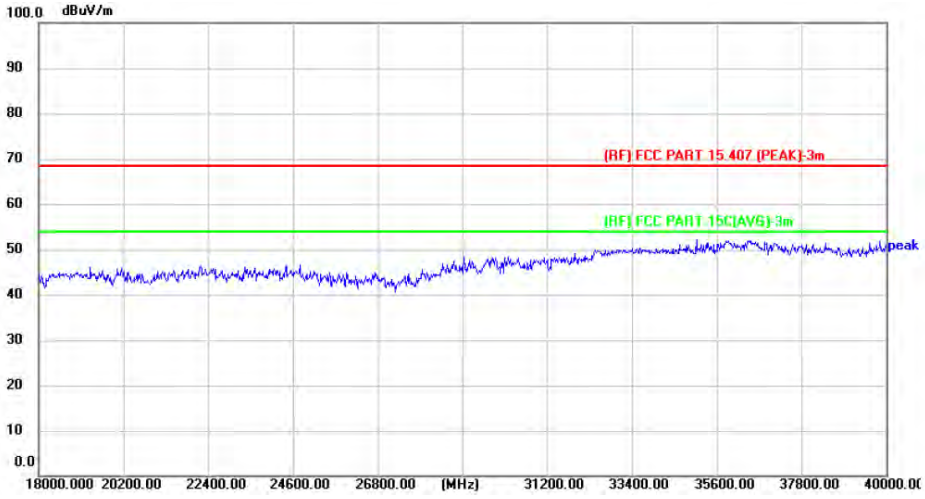
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10928.000	41.42	8.21	49.63	68.30	-18.67	peak	P
2	12339.000	39.90	8.87	48.77	68.30	-19.53	peak	P
3	17048.000	38.19	11.86	50.05	68.30	-18.25	peak	P
4 *	17966.000	34.52	17.71	52.23	68.30	-16.07	peak	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5745MHz		

Horizontal



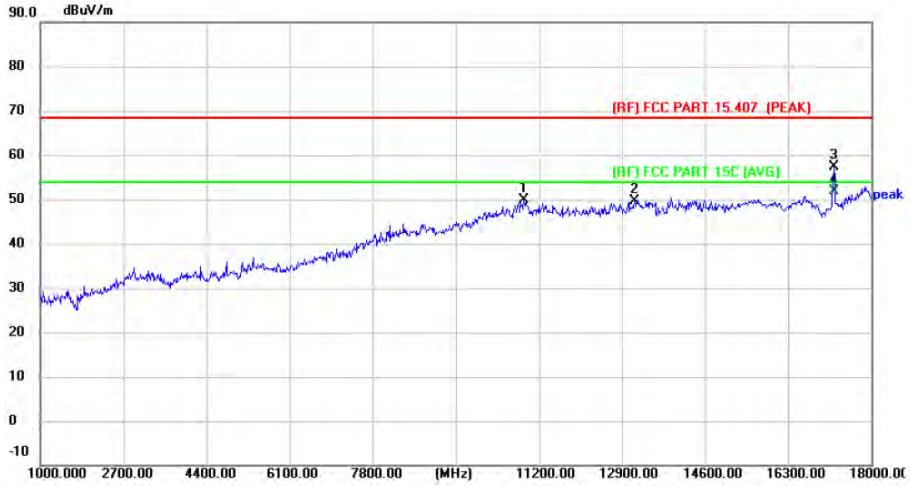


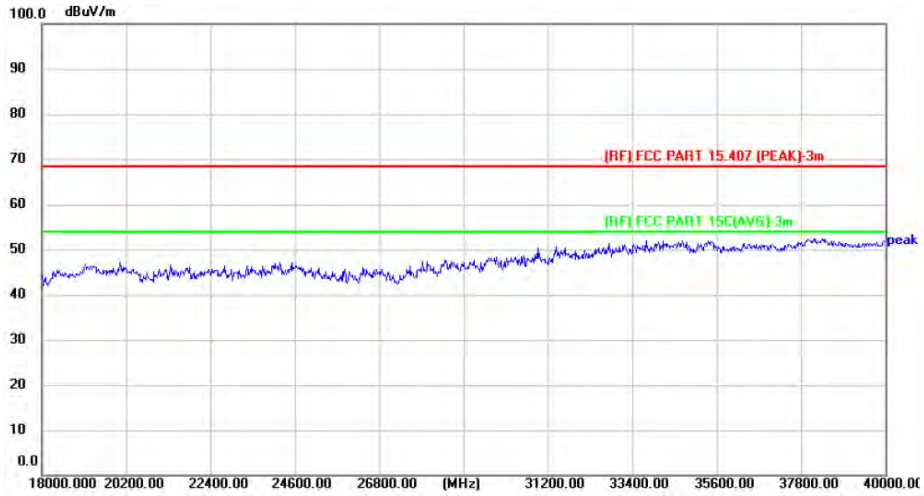
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10911.000	41.26	8.22	49.48	68.30	-18.82	peak	P
2	13257.000	40.44	9.79	50.23	68.30	-18.07	peak	P
3	17235.000	44.24	13.44	57.68	68.30	-10.62	peak	P
4 *	17235.000	38.69	13.44	52.13	54.00	-1.87	AVG	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5745MHz		

Vertical



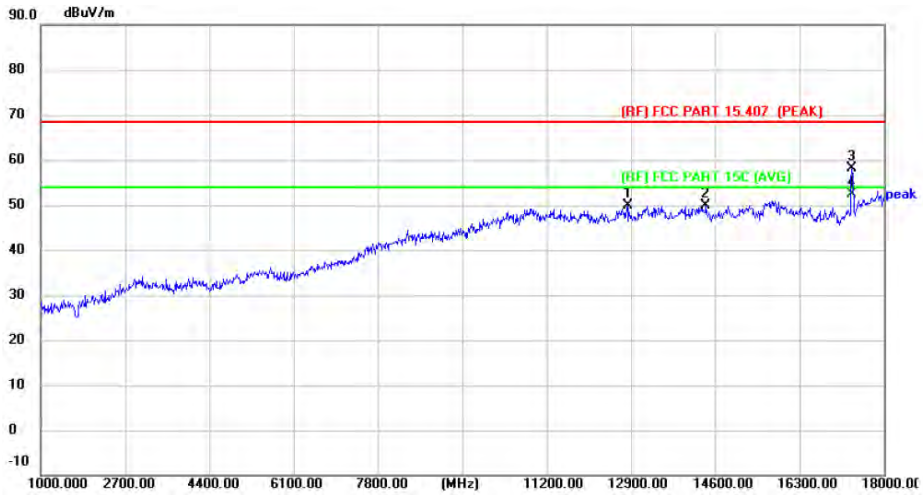


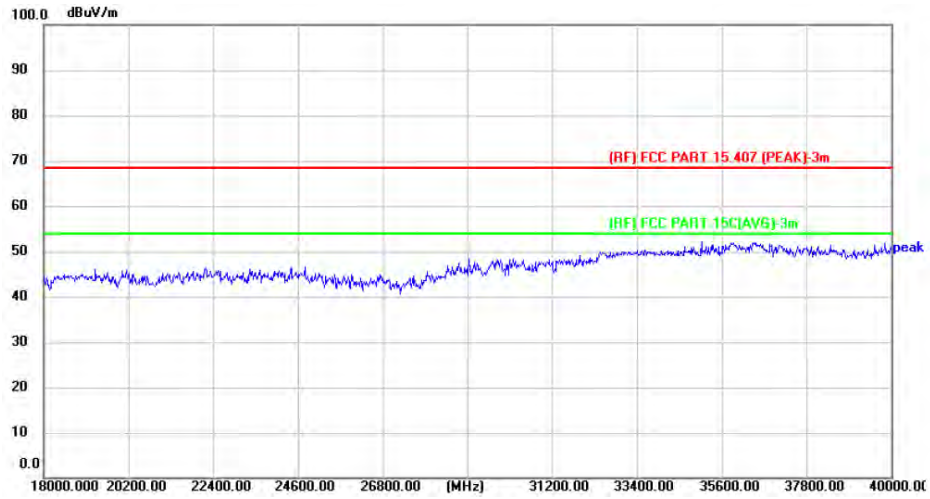
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10894.000	41.80	8.20	50.00	68.30	-18.30	peak	P
2	13155.000	39.88	9.82	49.70	68.30	-18.60	peak	P
3	17235.000	43.87	13.44	57.31	68.30	-10.99	peak	P
4 *	17235.000	38.45	13.44	51.89	54.00	-2.11	AVG	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5785MHz		

Horizontal



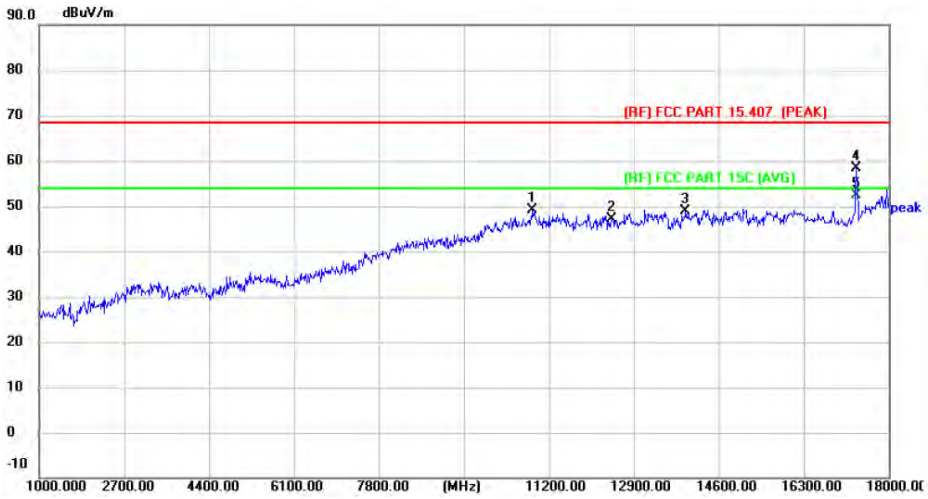


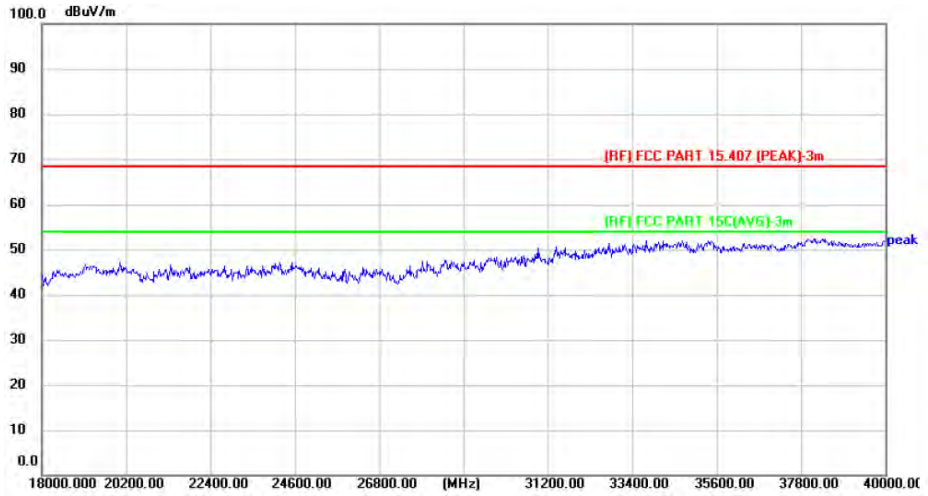
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	12832.000	40.52	9.27	49.79	68.30	-18.51	peak	P
2	14413.000	38.94	10.94	49.88	68.30	-18.42	peak	P
3	17354.000	44.05	14.18	58.23	68.30	-10.07	peak	P
4 *	17354.000	38.20	14.18	52.38	54.00	-1.62	AVG	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.

Temperature:	23.6℃	Relative Humidity:	48%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5785MHz		

Vertical





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	10877.000	40.93	8.12	49.05	68.30	-19.25	peak	P
2	12458.000	38.24	8.97	47.21	68.30	-21.09	peak	P
3	13937.000	38.08	10.80	48.88	68.30	-19.42	peak	P
4	17354.000	44.21	14.18	58.39	68.30	-9.91	peak	P
5 *	17354.000	38.15	14.18	52.33	54.00	-1.67	AVG	P

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 1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency or 40GHz. Test with highpass filter (Pass Frequency:8-25G).
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value. and 18GHz-40GHz is the noise,No other signals were detected.