



FCC Test Report

FCC Part15 Subpart E

Product Name : Mobile Computer

Model No. : MEMOR K

FCC ID : U4GMEMKUS

Applicant : Datalogic S.r.l.

Address : Via San Vitalino no.13,Calderara di Reno
-40012(BO)-Italy

Date of Receipt : Apr. 15, 2020

Test Date : Apr. 16, 2020 ~ Jul. 21, 2020

Issued Date : Jul. 24, 2020

Report No. : 2040625R-RF-US-P09V02

Report Version : V1.3

The test results presented in this report relate only to the object tested.

The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result, unless the specification, standard or customer have special requirements

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Test Report Certification

Issued Date : Jul. 24, 2020

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Product Name : Mobile Computer
Applicant : Datalogic S.r.l.
Address : Via San Vitalino no.13,Calderara di Reno -40012(BO)-Italy
Manufacturer : Datalogic S.r.l.
Address : Via San Vitalino no.13,Calderara di Reno -40012(BO)-Italy
Model No. : MEMOR K
Trademark : Datalogic
FCC ID : U4GMEMKUS
EUT Voltage : 3.8 Vdc
Applicable Standard : FCC CFR Title 47 Part 15 Subpart E
ANSI C63.10:2013;
789033 D02 General UNII Test Procedures New Rules
v02r01
Test Result : Complied
Performed Location : DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006,
Jiangsu, China
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098
FCC Designation Number: CN1199;

Documented By

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(Project Assistant: Kitty Li)

Reviewed By

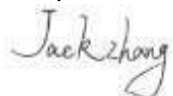
:



(Technical Supervisor: Frank He)

Approved By

:



(Supervisor: Jack Zhang)

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History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
2040625R-RF-US-P09V02	V1.0	Initial Issued Report	Jun. 05, 2020
2040625R-RF-US-P09V02	V1.1	P185~316, modified band edge test data.	Jul. 14, 2020
2040625R-RF-US-P09V02	V1.2	P171~177, modified the Peak Power Spectral Density test data.	Jul. 21, 2020
2040625R-RF-US-P09V02	V1.3	P146, Added the note that all the PK spurious emission values are lower than 54dBuV/m, so it can definitely meet the requirement of 15.407(b) which is 68.2dBuV/m.	Jul. 24, 2020

1. General Information

1.1. EUT Description

Product Name	Mobile Computer					
Model No.	MEMOR K					
Software version	0.01.02.20200513					
Hardware version	V00(US)					
EUT Voltage	3.8 Vdc					
Type of Modulation	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM					
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps					
	802.11n: up to 150Mbps					
	802.11ac: up to 433.3Mbps					
Channel Control	Auto					
Transmit modes	<input checked="" type="checkbox"/>	802.11a	<input checked="" type="checkbox"/>	802.11n(20MHz)	<input checked="" type="checkbox"/>	802.11n(40MHz)
	<input checked="" type="checkbox"/>	802.11ac(20MHz)	<input checked="" type="checkbox"/>	802.11ac(40MHz)	<input checked="" type="checkbox"/>	802.11ac(80MHz)
Support Bands	<input type="checkbox"/>	5150MHz~5250MHz	<input type="checkbox"/>	Outdoor AP		
	<input type="checkbox"/>		<input type="checkbox"/>	Indoor AP		
	<input type="checkbox"/>		<input type="checkbox"/>	Fixed point-to-point AP		
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Mobile and Portable Client		
	<input checked="" type="checkbox"/>	5250MHz~5350MHz				
	<input checked="" type="checkbox"/>	5470MHz~5725MHz	<input checked="" type="checkbox"/>	With TDWR Channels		
	<input type="checkbox"/>		<input type="checkbox"/>	Without TDWR Channels		
	<input checked="" type="checkbox"/>	5725MHz~5850MHz				

1.2. Antenna information

Antenna model	N/A					
Antenna Delivery	<input checked="" type="checkbox"/>	1*TX+1*RX	<input type="checkbox"/>	2*TX+2*RX	<input type="checkbox"/>	3*TX+3*RX
Antenna technology	<input checked="" type="checkbox"/>	SISO				
	<input type="checkbox"/>	MIMO	<input type="checkbox"/>	Basic		
			<input type="checkbox"/>	CDD		
			<input type="checkbox"/>	Beam-forming		
Antenna Type	<input type="checkbox"/>	External	<input type="checkbox"/>	Dipole		
	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	PIFA		
			<input type="checkbox"/>	PCB		
			<input type="checkbox"/>	Ceramic Chip Antenna		
			<input type="checkbox"/>	Stamping Antenna		
			<input type="checkbox"/>	Metal antenna		
			<input type="checkbox"/>	Monopole antenna		
Antenna Gain	1.68 dBi					

1.3. Working Frequency of Each Channel:

802.11a/n/ac(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5550 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz	165	5825 MHz
802.11n/ac(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz	N/A	N/A
802.11ac(80MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530MHz	122	5610 MHz
155	5775 MHz	N/A	N/A	N/A	N/A	N/A	N/A

1.4. Mode of Operation

DEKRA Testing and Certification (Suzhou) Co., Ltd. has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit by 802.11a
Mode 2: Transmit by 802.11n(20MHz)
Mode 3: Transmit by 802.11n(40MHz)
Mode 4: Transmit by 802.11ac(20MHz)
Mode 5: Transmit by 802.11ac(40MHz)
Mode 6: Transmit by 802.11ac(80MHz)

Note 1: Regards to the frequency band operation: the lowest, middle and highest frequency channel were selected to perform the test, then shown on this report.

Note 2: For portable device, radiated tests was verified over X, Y, Z axis, and shown the worst case on this report.

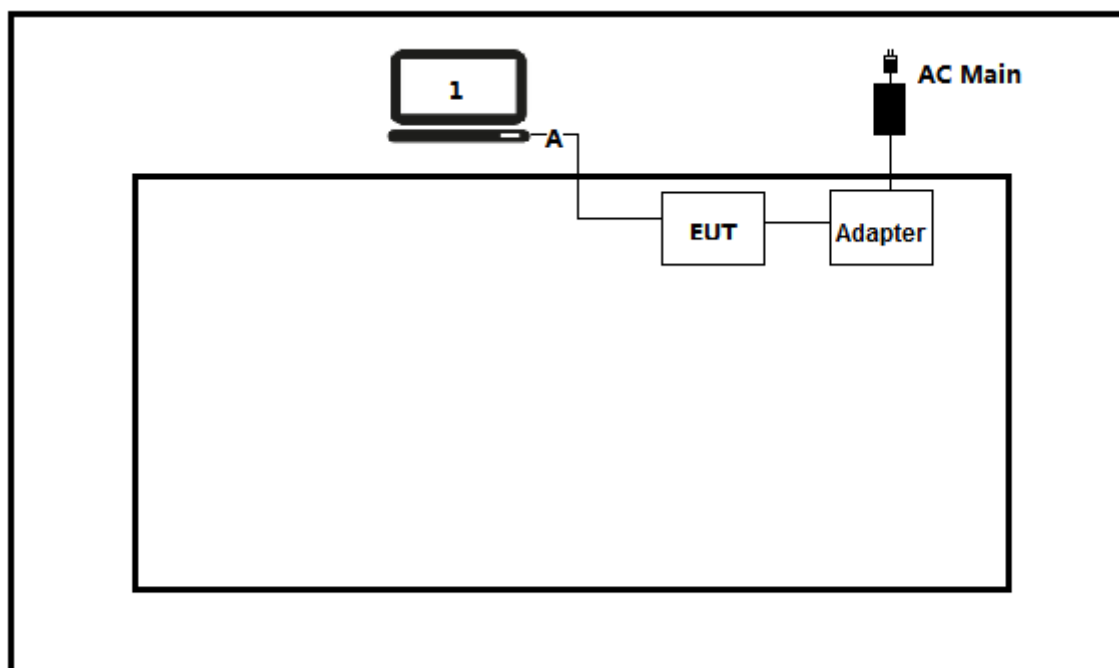
1.5. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

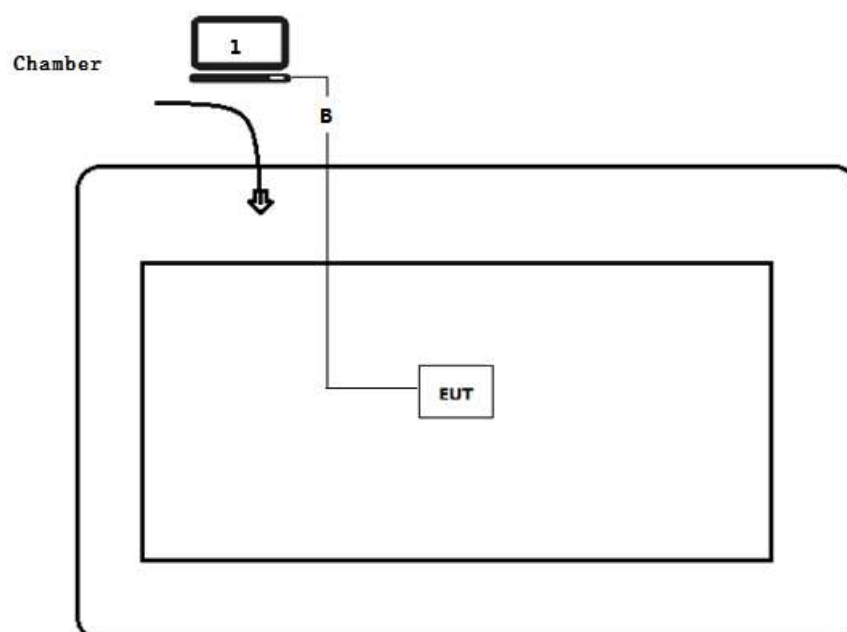
No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	Think pad x220	SUA0600195	Non-shielded
A	USB cable	N/A	N/A	N/A	Shielded, 0.5m
B	USB cable	N/A	N/A	N/A	Shielded, 10m

1.6. Configuration of Tested System

Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Radiated Emission



1.7. EUT Exercise Software

1	Setup the EUT as shown in Section 1.6.
2	Turn on the power of all equipment.
3	Run RF software [SP META Tool], and set the test mode and channel, then press OK to start to continue transmit.
4	Verify that the EUT works properly.

2. Technical Test

2.1. Summary of Test Result

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Limit	Result
Conducted Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.207	FCC 15.207	PASS
Radiated Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.209	FCC 15.209	PASS
Emission bandwidth and occupied bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e)	FCC 15.407(e)	PASS
6dB Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e)	FCC 15.407(e)	PASS
Power Output	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	FCC 15.407(a)	PASS
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	FCC 15.407(a)	PASS
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart E: Section 15.205, 15.407(b)	FCC 15.407(b)	PASS
Frequency Stability	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(g)	± 20 ppm	PASS

Note: The DFS report please refer to DEKRA report 2040625R-RF-FCC-DFS.

2.2. Test Frequency configuration:

Modulation Mode	Channel	Frequency	Channel	Frequency	Channel	Frequency
802.11a/n/ac(20MHz)	36	5180MHz	44	5220MHz	48	5240MHz
	52	5260MHz	60	5300MHz	64	5320MHz
	100	5500MHz	116	5580MHz	132	5700MHz
	149	5745MHz	157	5785MHz	165	5825MHz
802.11n/ac(40MHz)	38	5190MHz	46	5230MHz	54	5270MHz
	62	5310MHz	102	5510MHz	110	5550MHz
	134	5670MHz	151	5755MHz	159	5795MHz
802.11ac(80MHz)	42	5210MHz	58	5290MHz	106	5530MHz
	155	5775MHz	N/A	N/A	N/A	N/A

2.3. Power vs Data Rate

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	54	65.0	72.2	135.0	150.0

Note1: The blue form is the maximum power data rate.

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)					
				20MHz		40MHz		80MHz	
				Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5
	1	QPSK	1/2	13	14.4	27	30	58.5	65
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5
	3	16-QAM	1/2	26	28.9	54	60	117	130
	4	16-QAM	3/4	39	43.3	81	90	175.5	195
	5	64-QAM	2/3	52	57.8	108	120	234	260
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5
	7	64-QAM	5/6	65	72.2	135	150	292.5	325
	8	256-QAM	3/4	78	86.7	162	180	351	390
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3
Note 1: The blue form is the maximum power data rate.									

2.4. Duty Cycle

Test Mode	Tx On (ms)	Tx Off (ms)	VBW (kHz)	Tx On + Tx Off (ms)	Duty Cycle (%)
802.11a	1.380	0.055	0.75	1.435	96.17
802.11n(20MHz)	1.281	0.054	0.82	1.335	95.96
802.11n(40MHz)	0.624	0.054	1.8	0.678	92.04
802.11ac(20MHz)	1.290	0.070	0.82	1.360	94.85
802.11ac(40MHz)	0.642	0.057	1.6	0.699	91.85
802.11ac(80MHz)	0.292	0.076	3.6	0.368	79.35

Note 1: T means the minimum transmission duration over which the transmitter is on and transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to KDB 789033, when test for Band Edge and Radiated Emission, $VBW \geq 1/T$ will be used.

2.5. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

2.6. Uncertainty

Test Items	Uncertainty
AC Power Line Conducted Emission	± 2.02 dB
Radiated Emission	Below 1GHz ± 3.8 dB
	Above 1GHz ± 3.9 dB
RF Antenna Port Conducted Emission	± 1.27 dB
Radiated Emission Band Edge	± 3.9 dB
Occupied Bandwidth	± 1 kHz
Power Spectral Density	± 1.27 dB
Frequency Stability	± 100 Hz

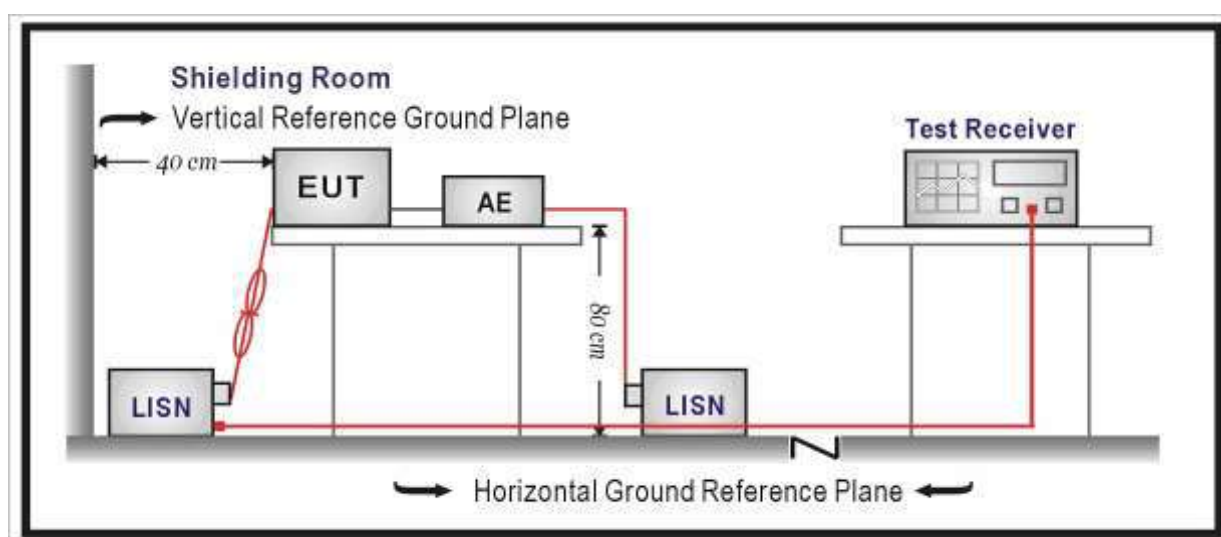
3. Conducted Emission

3.1. Test Equipment

AC Power Line Conducted Emission / TR-1					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100906	2020.04.18	2021.04.17
Two-Line V-Network	R&S	ENV 216	101189	2019.10.16	2020.10.15
Two-Line V-Network	R&S	ENV 216	101044	2020.04.18	2021.04.17
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	N/A	N/A
50ohm Termination	SHX	TF2	7081402	2019.09.02	2020.09.01
Temperature/Humidity Meter	RTS	RTS-8S	TR1-TH	2019.08.21	2020.08.20
Quietek EMI V3(test software)	Quietek	N/A	N/A	N/A	N/A

Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

3.2. Test Setup



3.3. Limit

Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 – 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

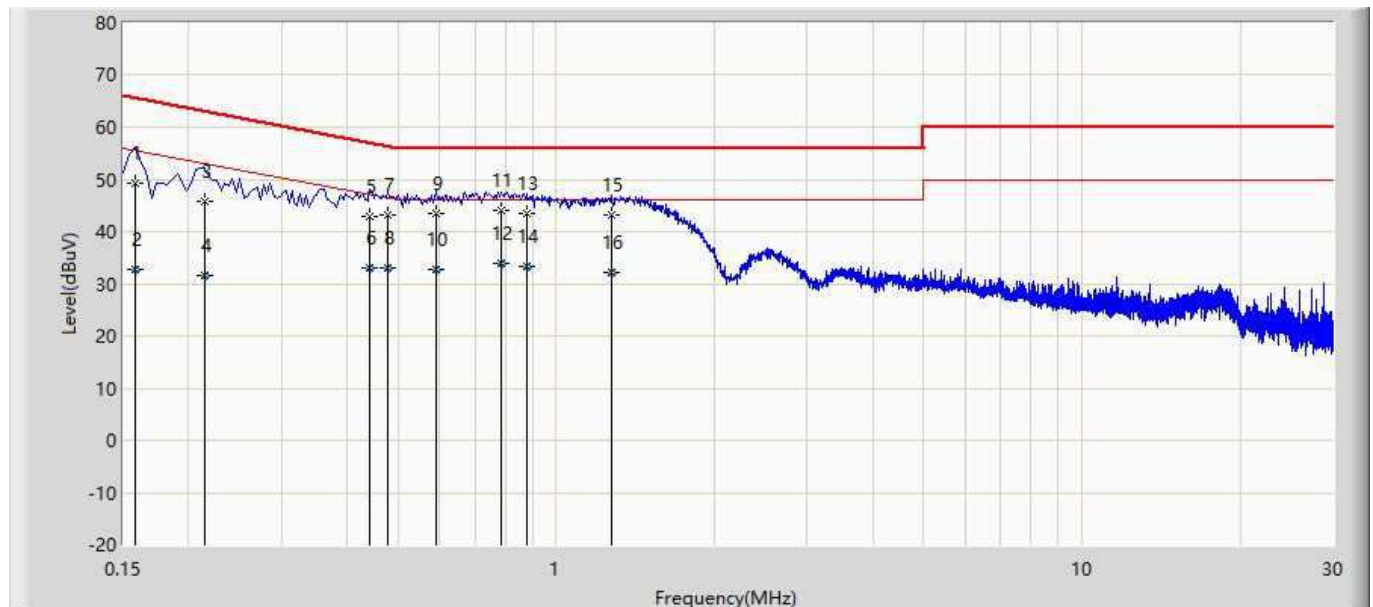
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

Test Method			
	References Rule	Chapter	Item
<input checked="" type="checkbox"/>	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

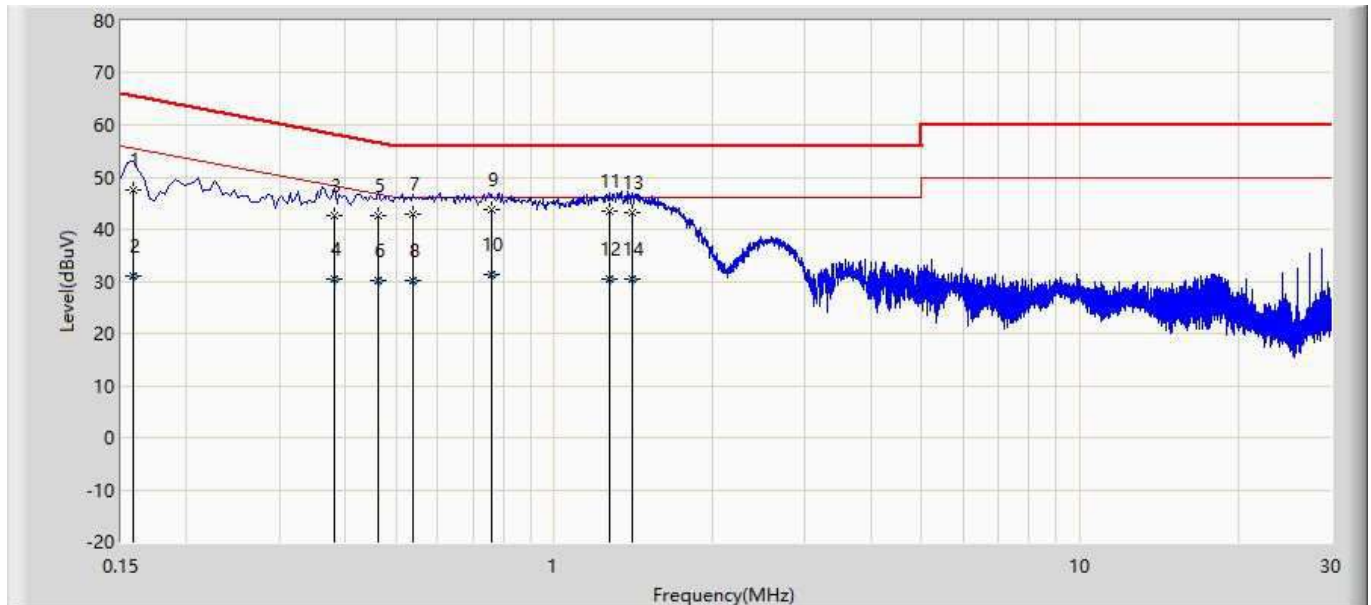
3.5. Test Result

Site: TR1	Time: 2020/04/16 - 09:25
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Note: Mode 1	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	49.198	39.561	-16.370	65.568	9.608	0.029	0.000	QP
2		0.158	32.894	23.257	-22.674	55.568	9.608	0.029	0.000	AV
3		0.214	45.657	36.027	-17.392	63.049	9.600	0.029	0.000	QP
4		0.214	31.589	21.960	-21.459	53.049	9.600	0.029	0.000	AV
5		0.442	42.806	33.166	-14.218	57.024	9.600	0.041	0.000	QP
6		0.442	32.932	23.291	-14.092	47.024	9.600	0.041	0.000	AV
7		0.478	43.324	33.683	-13.050	56.374	9.600	0.041	0.000	QP
8		0.478	33.040	23.399	-13.334	46.374	9.600	0.041	0.000	AV
9		0.590	43.431	33.785	-12.569	56.000	9.600	0.046	0.000	QP
10		0.590	32.789	23.143	-13.211	46.000	9.600	0.046	0.000	AV
11	*	0.786	44.077	34.422	-11.923	56.000	9.603	0.052	0.000	QP
12		0.786	33.834	24.178	-12.166	46.000	9.603	0.052	0.000	AV
13		0.882	43.486	33.825	-12.514	56.000	9.606	0.055	0.000	QP
14		0.882	33.210	23.549	-12.790	46.000	9.606	0.055	0.000	AV
15		1.274	43.177	33.500	-12.823	56.000	9.610	0.067	0.000	QP
16		1.274	32.148	22.470	-13.852	46.000	9.610	0.067	0.000	AV

Site: TR1	Time: 2020/04/16 - 09:30
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Note: Mode 1	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	47.484	37.863	-18.084	65.568	9.592	0.029	0.000	QP
2		0.158	30.961	21.340	-24.607	55.568	9.592	0.029	0.000	AV
3		0.382	42.611	32.980	-15.625	58.236	9.594	0.038	0.000	QP
4		0.382	30.504	20.873	-17.732	48.236	9.594	0.038	0.000	AV
5		0.462	42.663	33.031	-13.994	56.657	9.591	0.041	0.000	QP
6		0.462	30.266	20.634	-16.390	46.657	9.591	0.041	0.000	AV
7		0.538	42.787	33.153	-13.213	56.000	9.590	0.044	0.000	QP
8		0.538	30.215	20.581	-15.785	46.000	9.590	0.044	0.000	AV
9	*	0.762	43.830	34.188	-12.170	56.000	9.590	0.052	0.000	QP
10		0.762	31.404	21.763	-14.596	46.000	9.590	0.052	0.000	AV
11		1.270	43.406	33.744	-12.594	56.000	9.595	0.067	0.000	QP
12		1.270	30.313	20.651	-15.687	46.000	9.595	0.067	0.000	AV
13		1.406	43.329	33.660	-12.671	56.000	9.598	0.070	0.000	QP
14		1.406	30.416	20.747	-15.584	46.000	9.598	0.070	0.000	AV

Note:

1. " * ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

4. Radiated Emission

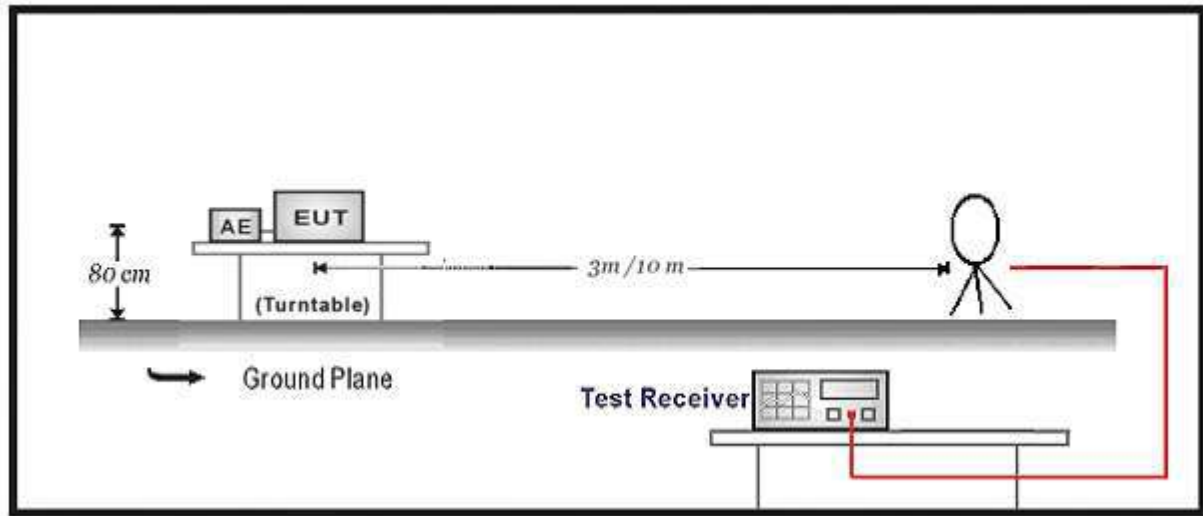
4.1. Test Equipment

Radiated Emission(Below 1GHz) / AC-3					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100176	2019.08.30	2020.08.29
Loop Antenna	R&S	HFH2-Z2	833799/003	2020.02.17	2021.02.16
Bilog Antenna	Teseq GmbH	CBL6112D	27613	2020.05.25	2021.05.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC3-C	2020.04.13	2021.04.12
Temperature/Humidity Meter	RTS	RTS-8S	AC3-TH	2019.09.02	2020.09.01
Quietek EMI V3(test software)	Quietek	N/A	N/A	N/A	N/A
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

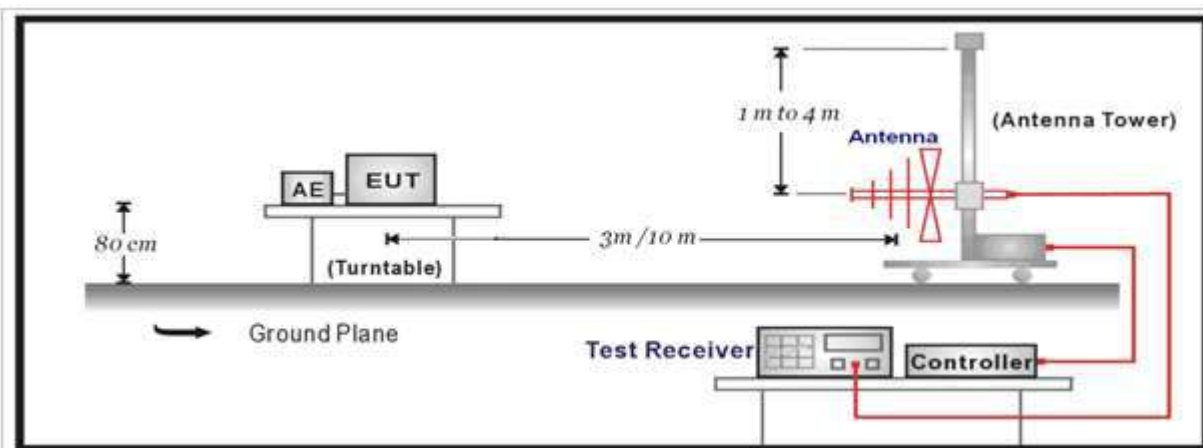
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	R&S	FSV	104212	2019.12.28	2020.12.27
Signal analyzer	Agilent	E4446A	MY45300103	2020.05.08	2021.05.07
low Noise Amplifier	BXT	NA2651D	LNA17040209	2020.04.13	2021.04.12
Pre-Amplifier	EMCI	EMC184045SE	980263	2020.05.24	2021.05.23
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2020.05.25	2021.05.24
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2019.03.23	2021.03.22
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2020.04.13	2021.04.12
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G	2020.04.18	2021.04.17
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2019.09.02	2020.09.01
Quietek EMI V3(test software)	Quietek	N/A	N/A	N/A	N/A
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

4.2. Test Setup

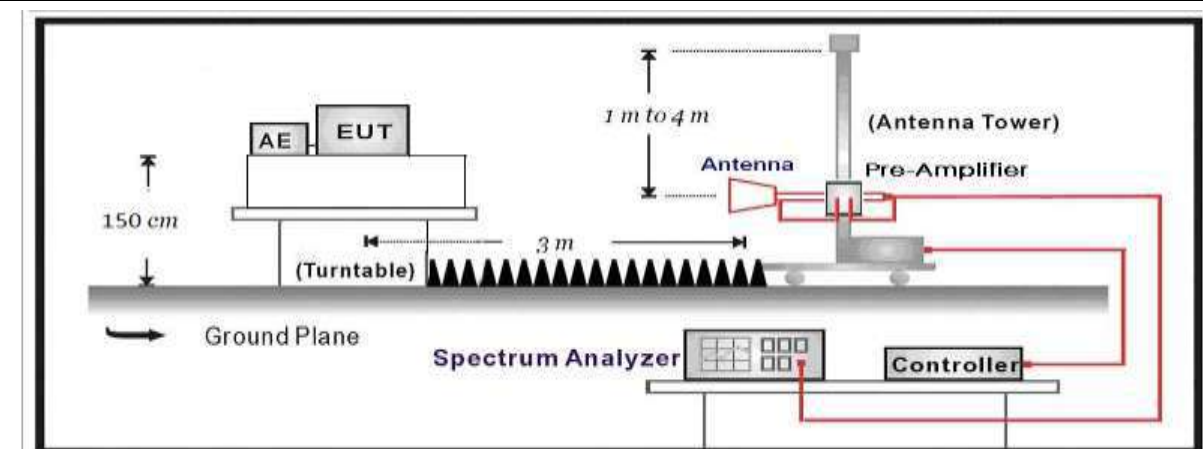
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



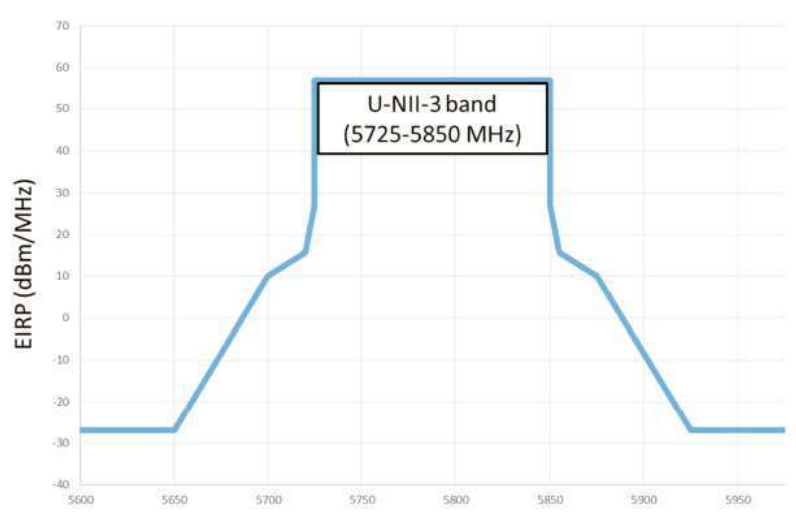
4.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dB μ V/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

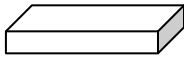
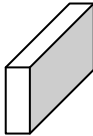
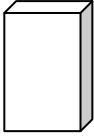
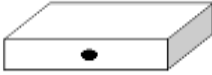



FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850	 <p>U-NII-3 band (5725-5850 MHz)</p>	

4.4. Test Procedure

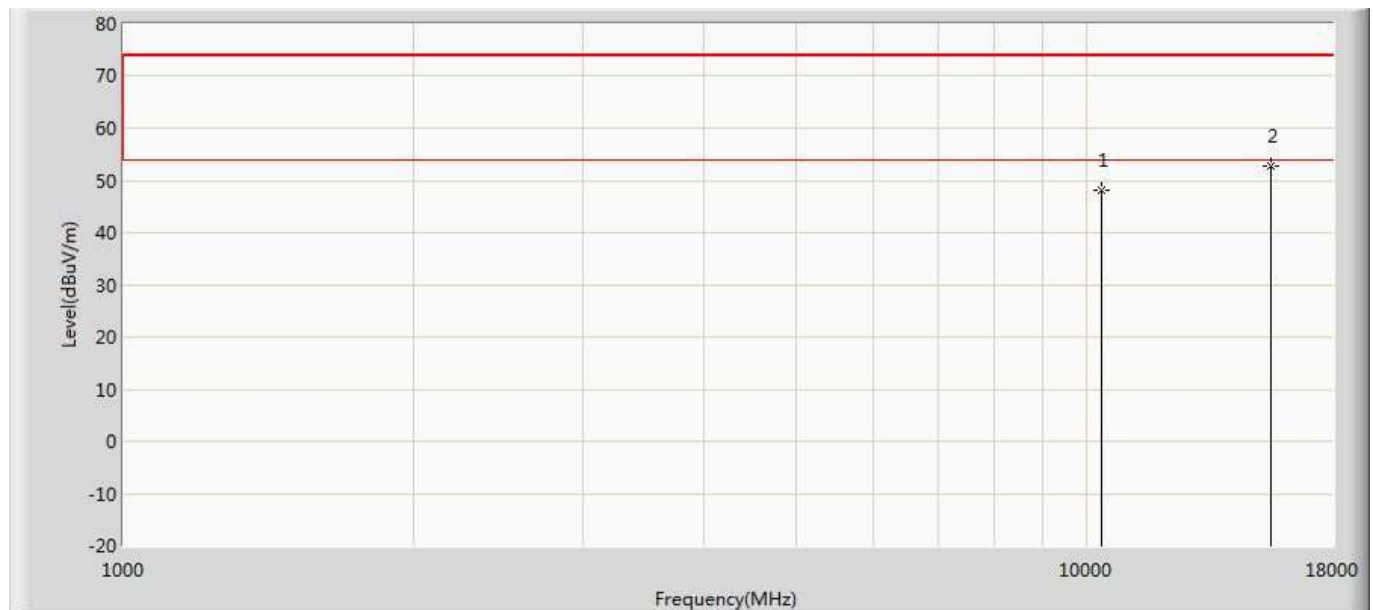
Test Method				
	References Rule		Chapter	Description
<input type="checkbox"/>	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
<input checked="" type="checkbox"/>	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.5	Radiated emission measurements
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	<input type="checkbox"/>	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	<input checked="" type="checkbox"/>	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	<input checked="" type="checkbox"/>	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	<input checked="" type="checkbox"/>	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
<input type="checkbox"/>	FCC KDB 789033 D02v02r01		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
<input type="checkbox"/>	FCC KDB 789033 D02v02r01		G.1	Unwanted Emissions in the Restricted Bands
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

4.5. EUT test Axis definition

Item	Radiated Emission			
Device Category	<input type="checkbox"/>	Indoor use		
	<input type="checkbox"/>	Outdoor use		
	<input type="checkbox"/>	Fix position use		
	<input checked="" type="checkbox"/>	Client use		
Test mode	Mode 1-6			
Test method	<input checked="" type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input checked="" type="checkbox"/>
	<input type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 1		
				
	<input type="checkbox"/>	Chain 1	Chain 2	
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				

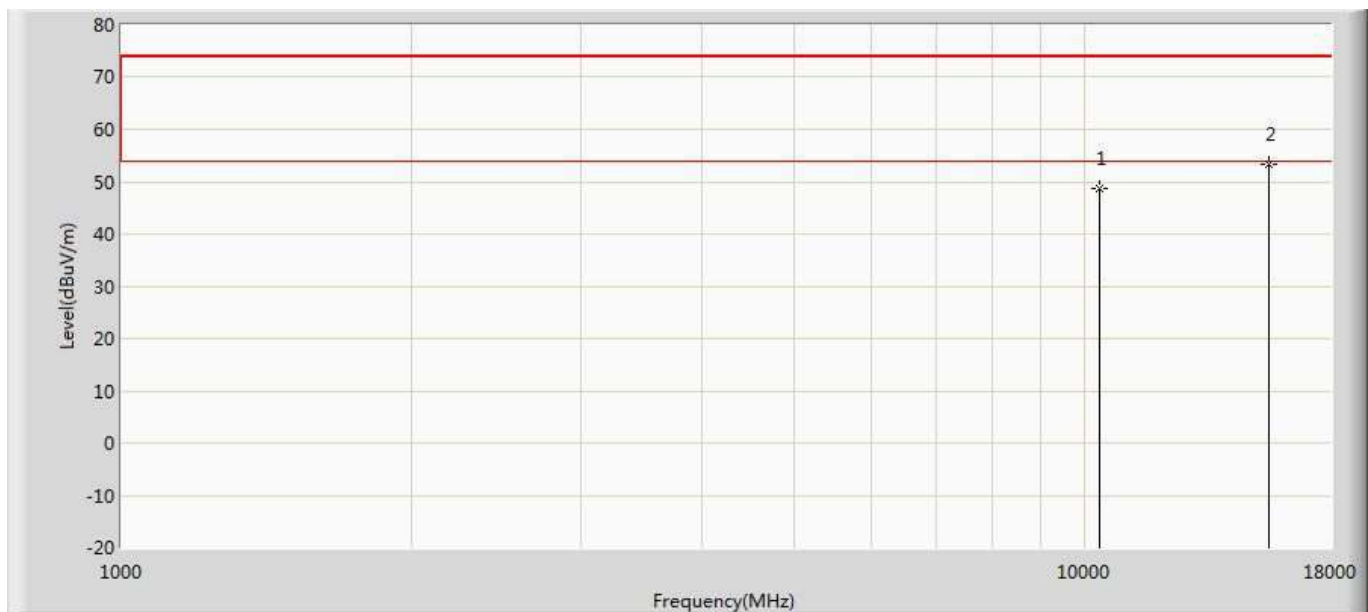
4.6. Test Result

Profile: 2040625R	Page No.: 117
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



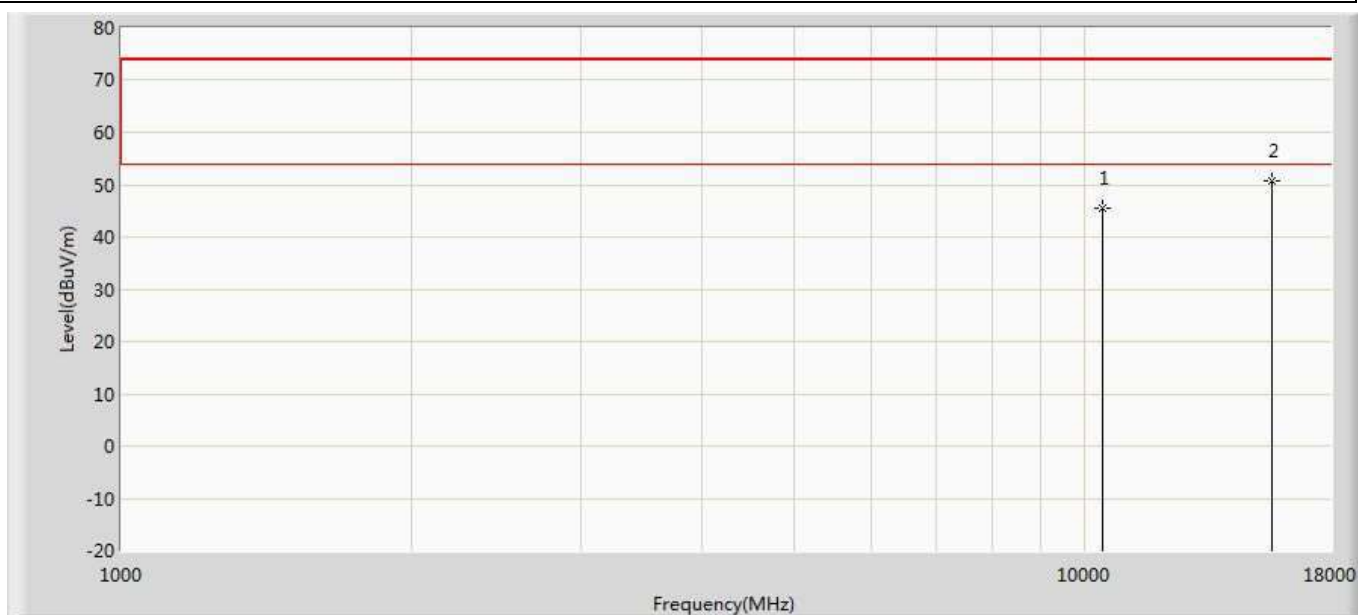
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	48.223	36.465	-25.777	74.000	11.757	PK
2	*	15540.000	52.631	35.160	-21.369	74.000	17.471	PK

Profile: 2040625R	Page No.: 118
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



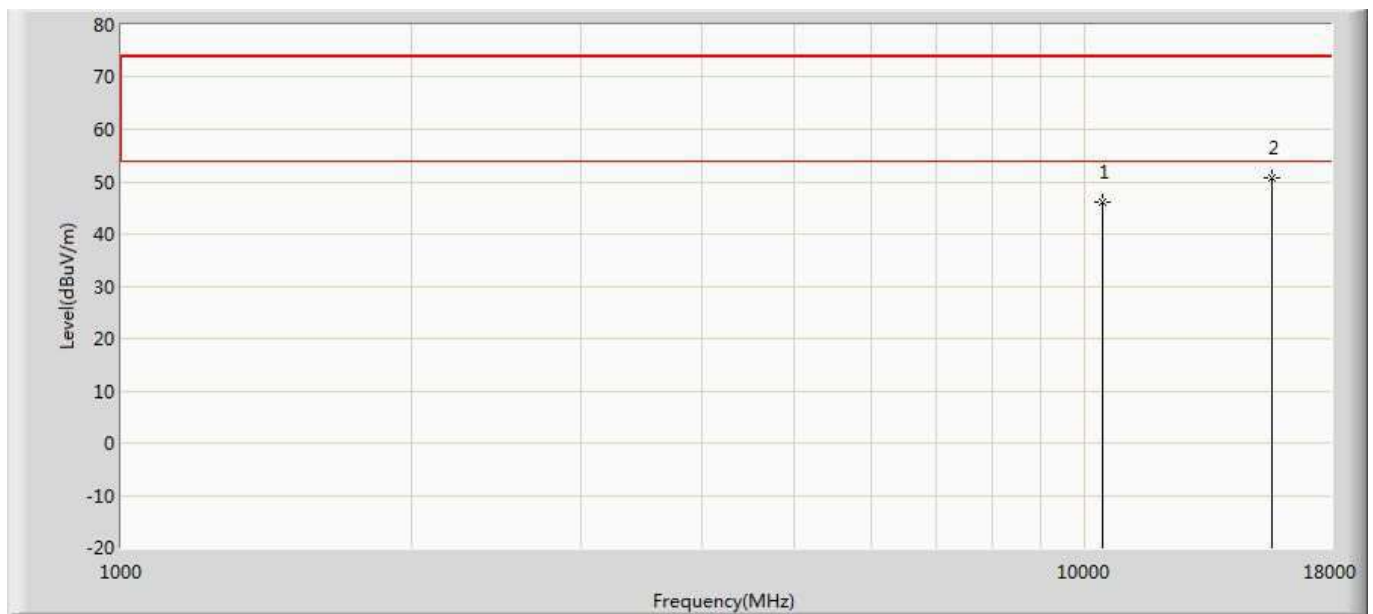
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	48.742	36.984	-25.258	74.000	11.757	PK
2	*	15540.000	53.238	35.767	-20.762	74.000	17.471	PK

Profile: 2040625R	Page No.: 119
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5220MHz by 802.11a	



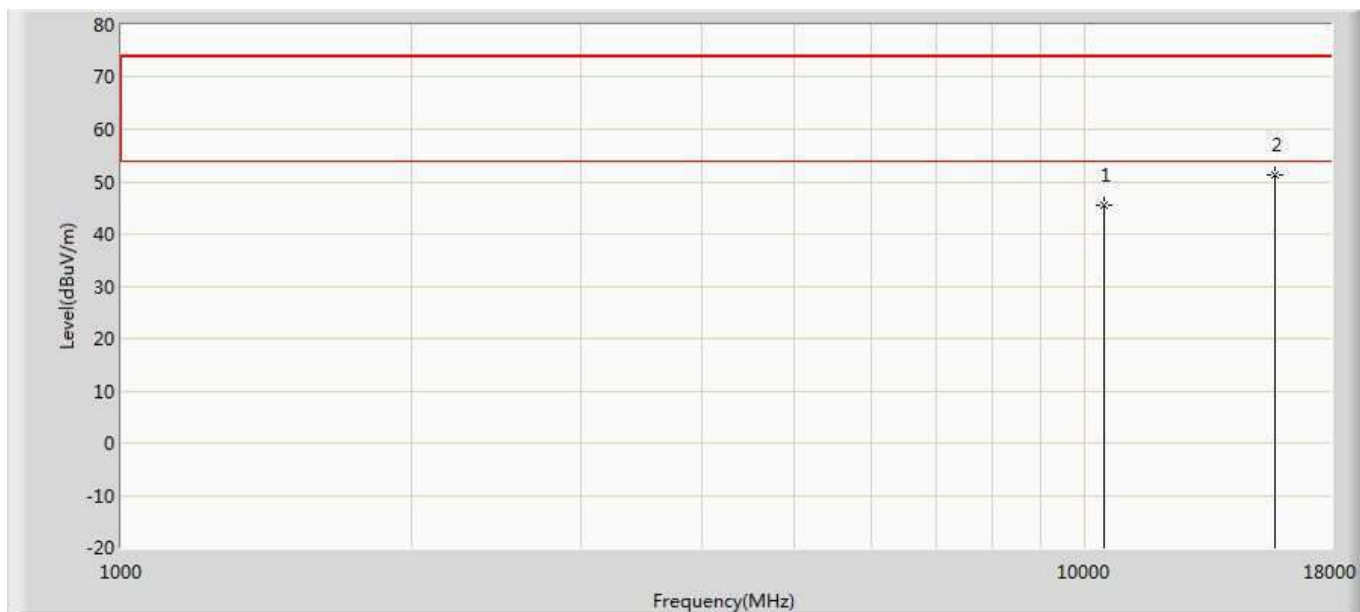
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.524	33.173	-28.476	74.000	12.351	PK
2	*	15660.000	50.811	33.284	-23.189	74.000	17.527	PK

Profile: 2040625R	Page No.: 120
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5220MHz by 802.11a	



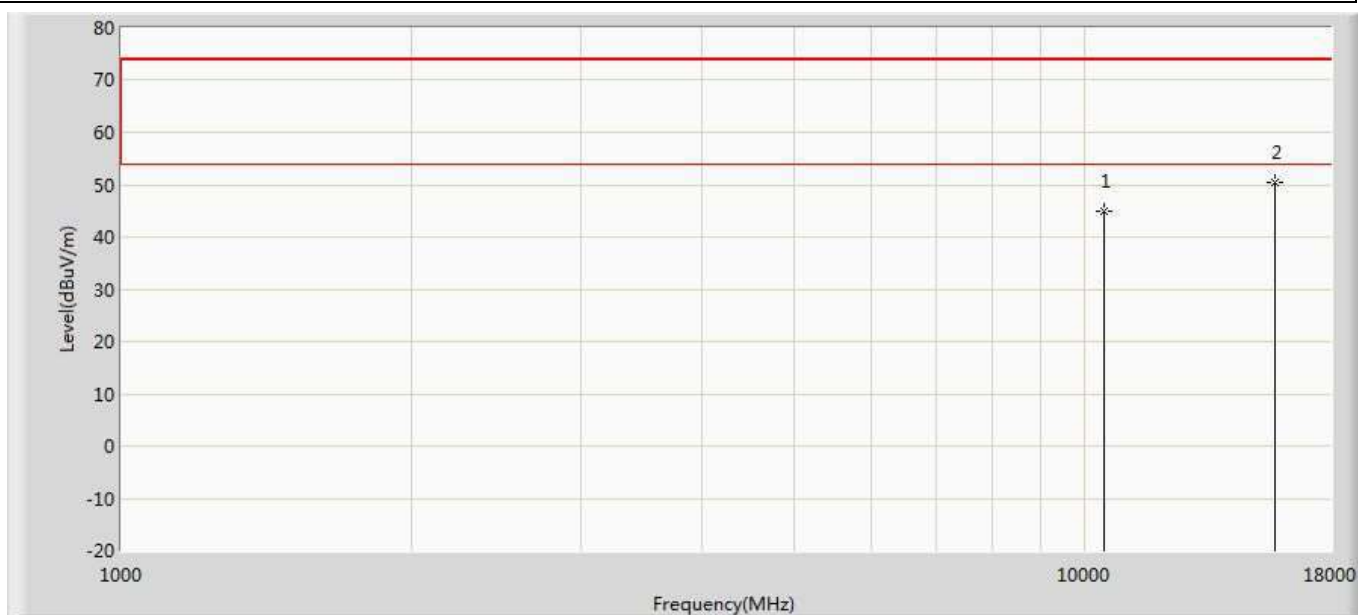
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	46.037	33.686	-27.963	74.000	12.351	PK
2	*	15660.000	50.832	33.305	-23.168	74.000	17.527	PK

Profile: 2040625R	Page No.: 121
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5240MHz by 802.11a	



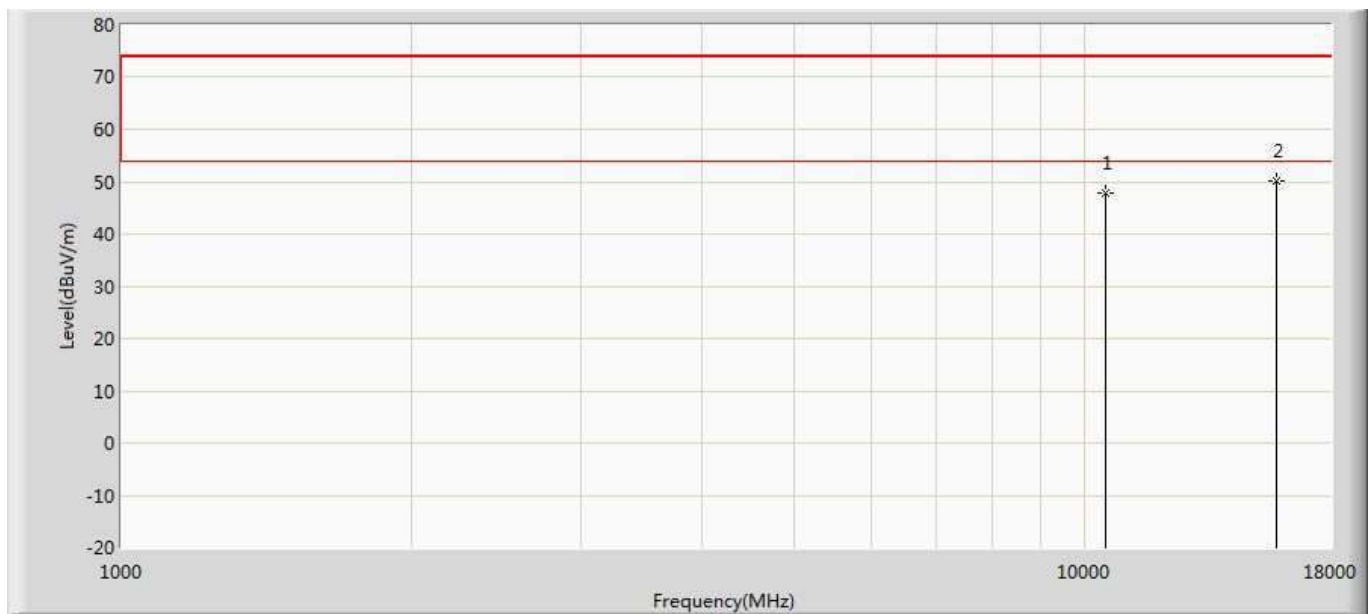
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.552	33.485	-28.448	74.000	12.068	PK
2	*	15720.000	51.440	33.289	-22.560	74.000	18.152	PK

Profile: 2040625R	Page No.: 122
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5240MHz by 802.11a	



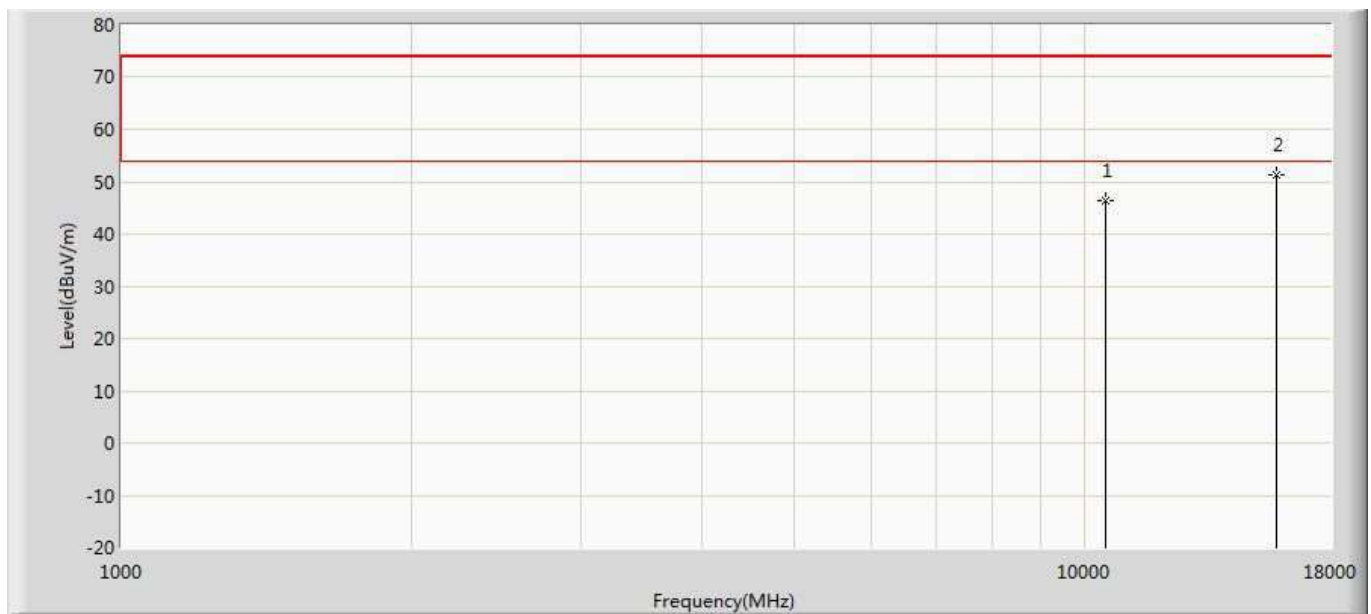
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.875	32.808	-29.125	74.000	12.068	PK
2	*	15720.000	50.525	32.374	-23.475	74.000	18.152	PK

Profile: 2040625R	Page No.: 123
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260MHz by 802.11a	



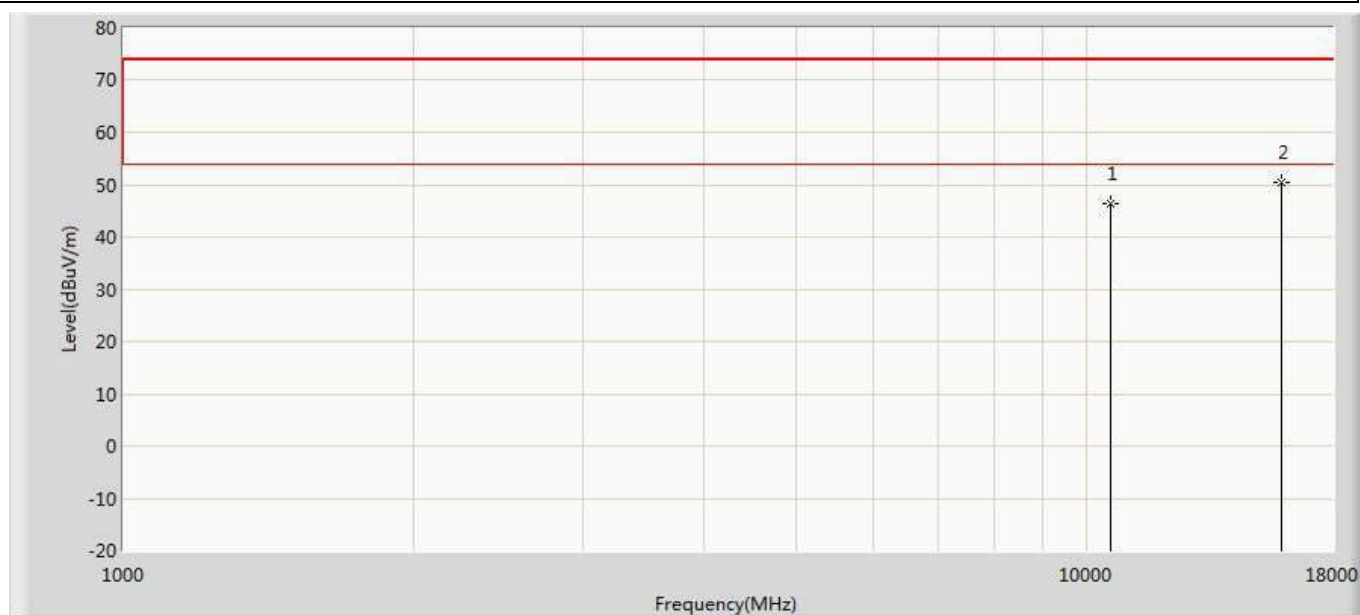
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	47.831	34.637	-26.169	74.000	13.194	PK
2	*	15780.000	50.230	31.859	-23.770	74.000	18.371	PK

Profile: 2040625R	Page No.: 124
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260MHz by 802.11a	



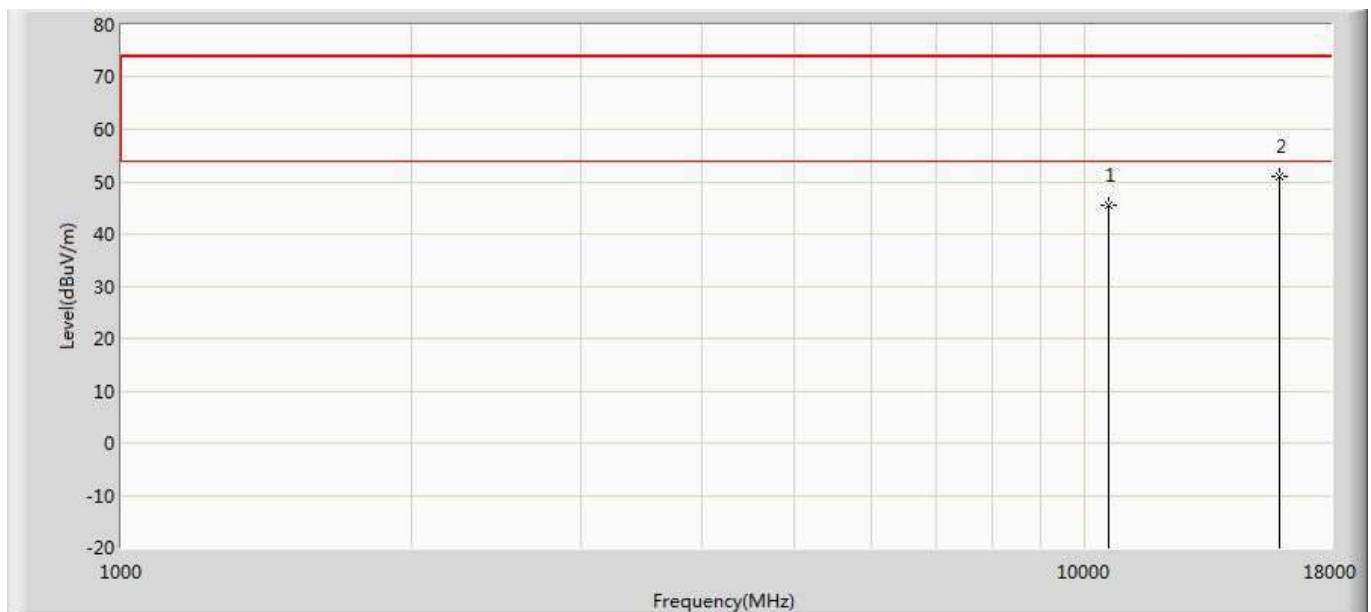
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	46.304	33.110	-27.696	74.000	13.194	PK
2	*	15780.000	51.214	32.843	-22.786	74.000	18.371	PK

Profile: 2040625R	Page No.: 125
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300MHz by 802.11a	



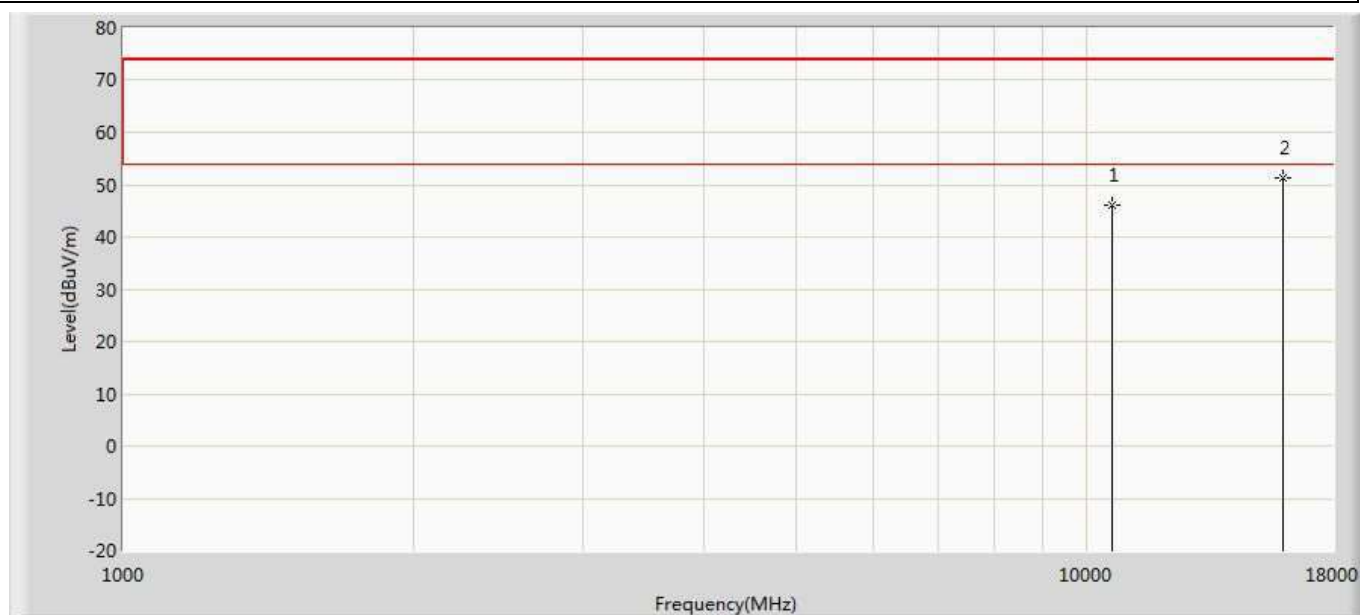
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	46.311	34.047	-27.689	74.000	12.263	PK
2	*	15900.000	50.429	32.024	-23.571	74.000	18.405	PK

Profile: 2040625R	Page No.: 126
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300MHz by 802.11a	



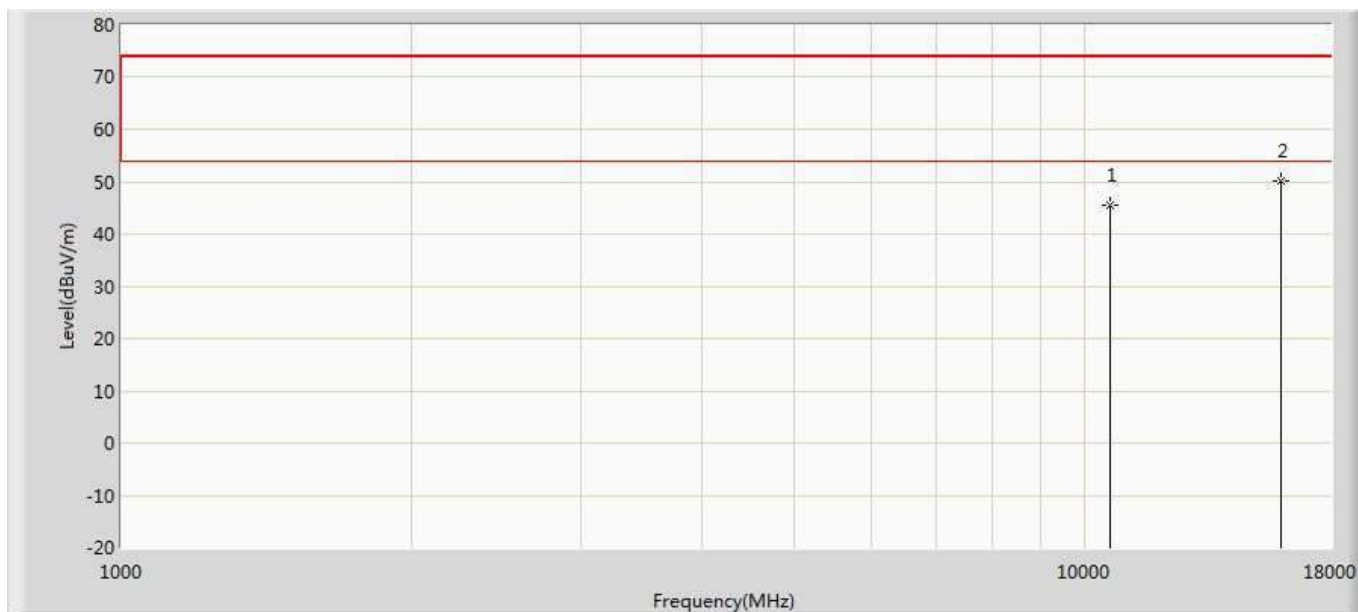
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	45.503	33.239	-28.497	74.000	12.263	PK
2	*	15900.000	50.894	32.489	-23.106	74.000	18.405	PK

Profile: 2040625R	Page No.: 127
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



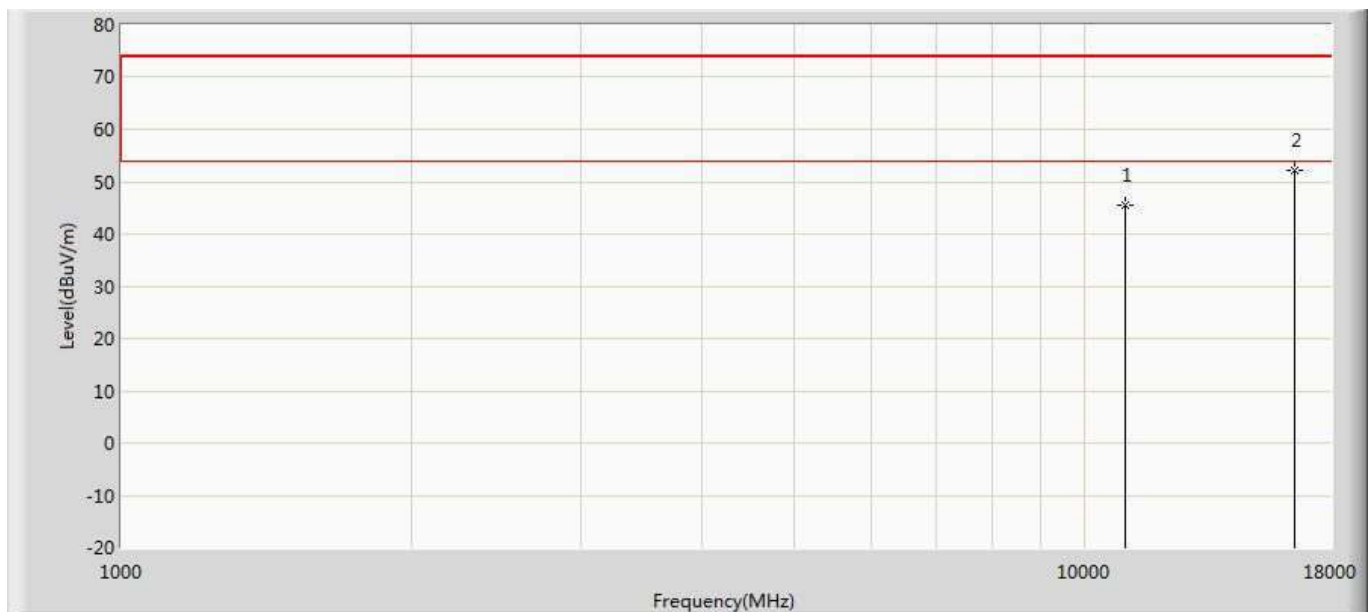
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	46.116	34.038	-27.884	74.000	12.077	PK
2	*	15960.000	51.193	33.162	-22.807	74.000	18.031	PK

Profile: 2040625R	Page No.: 128
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



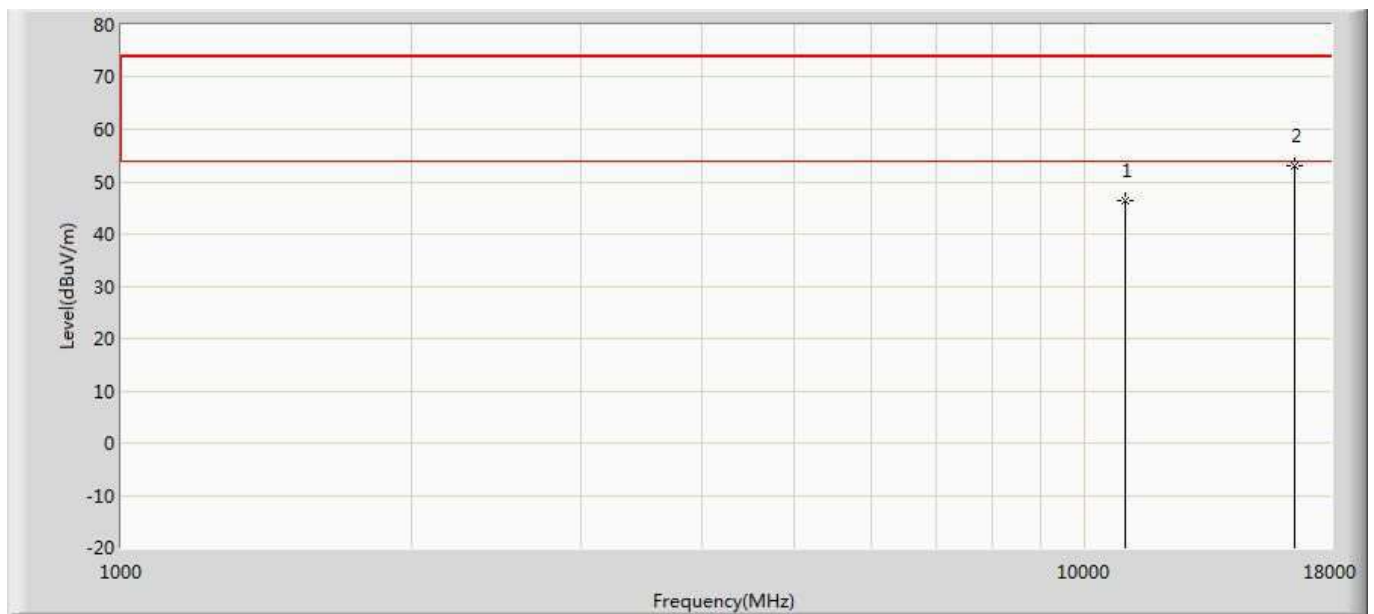
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	45.429	33.351	-28.571	74.000	12.077	PK
2	*	15960.000	50.103	32.072	-23.897	74.000	18.031	PK

Profile: 2040625R	Page No.: 129
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



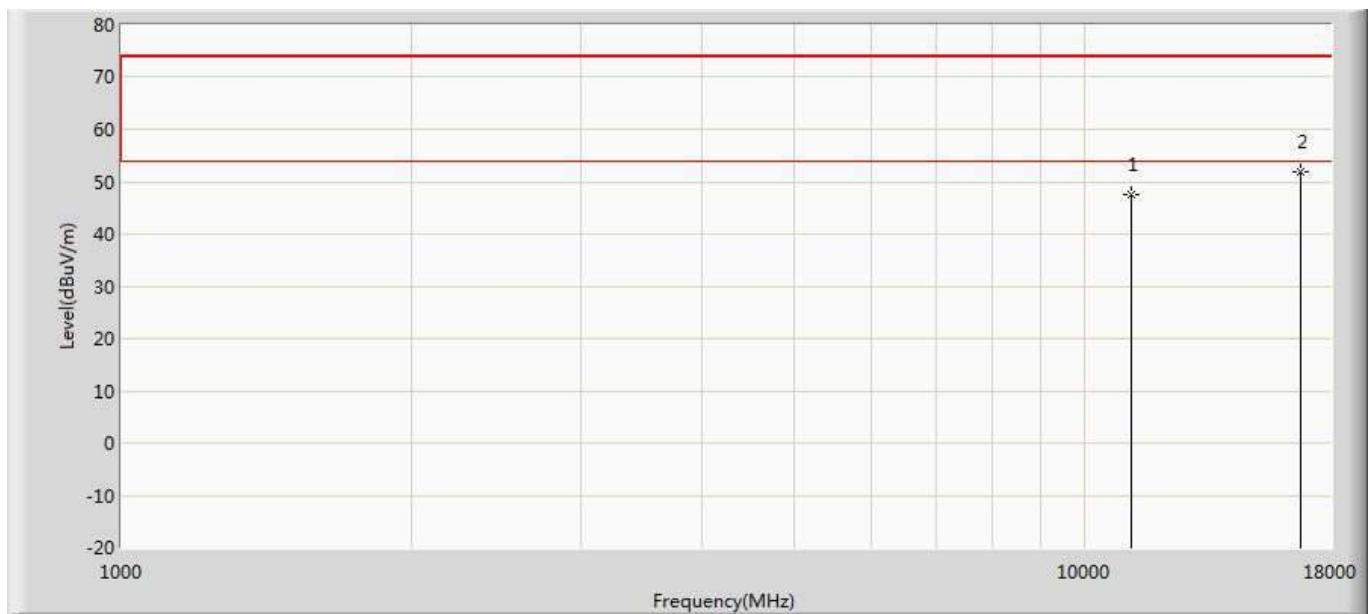
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	45.425	32.403	-28.575	74.000	13.021	PK
2	*	16500.000	52.155	33.274	-21.845	74.000	18.881	PK

Profile: 2040625R	Page No.: 130
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



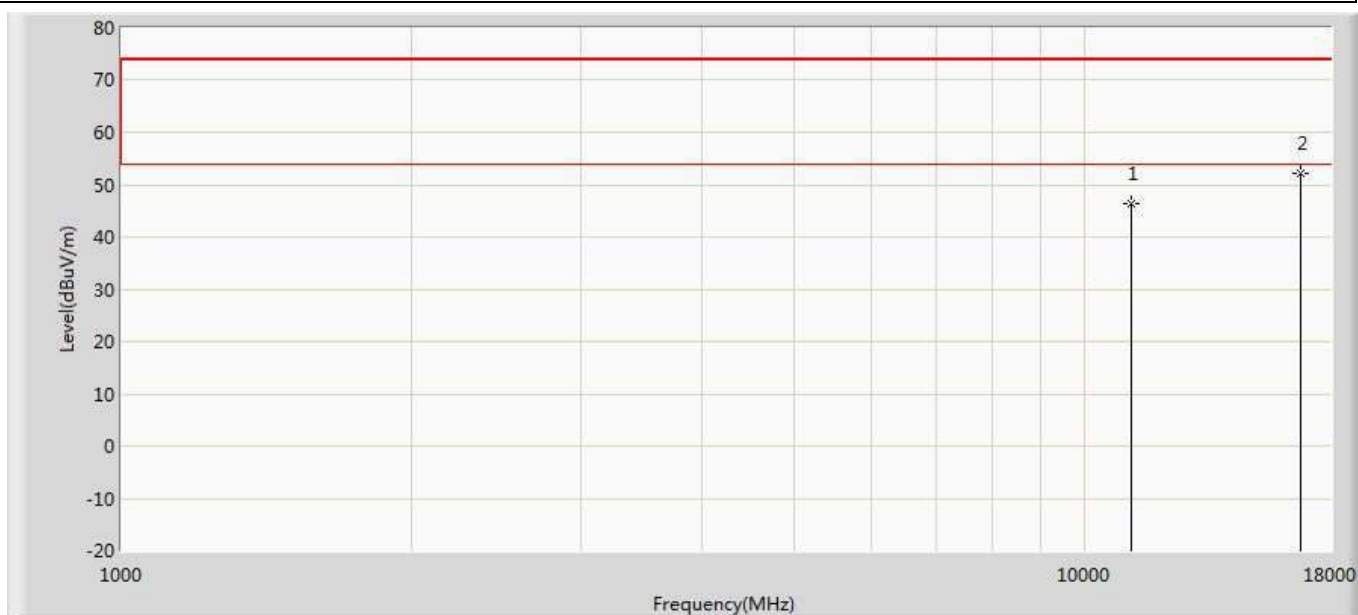
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	46.319	33.297	-27.681	74.000	13.021	PK
2	*	16500.000	52.909	34.028	-21.091	74.000	18.881	PK

Profile: 2040625R	Page No.: 131
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5580MHz by 802.11a	



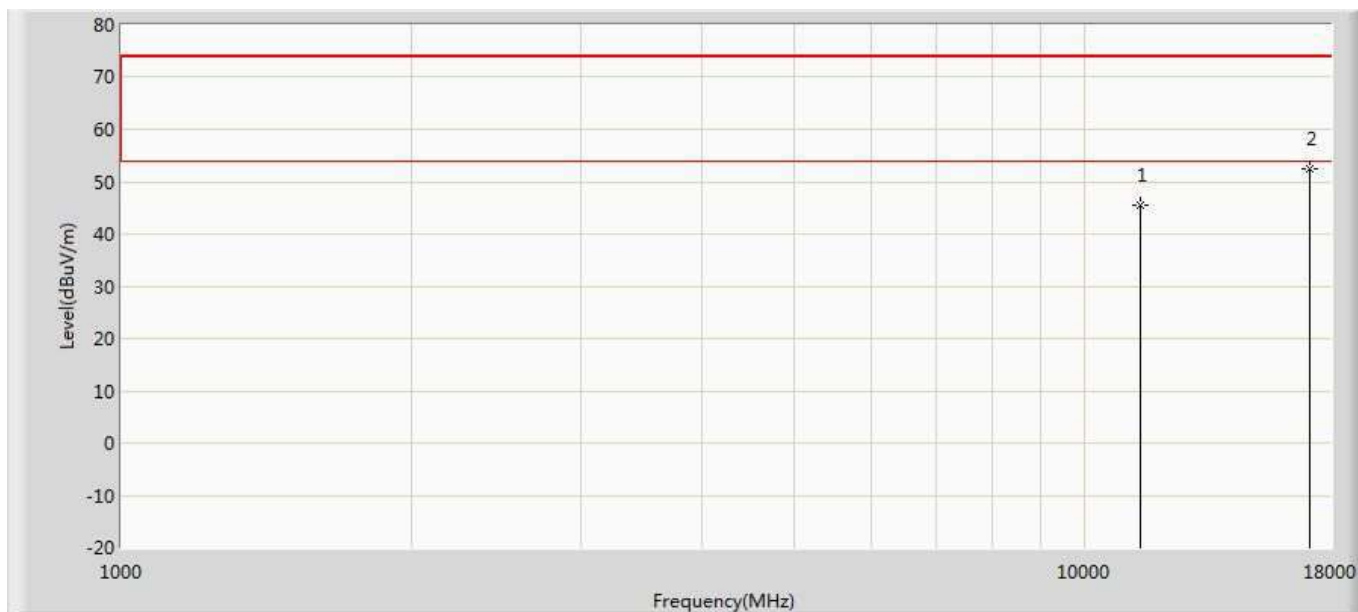
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	47.437	33.601	-26.563	74.000	13.837	PK
2	*	16740.000	51.815	33.330	-22.185	74.000	18.486	PK

Profile: 2040625R	Page No.: 132
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5580MHz by 802.11a	



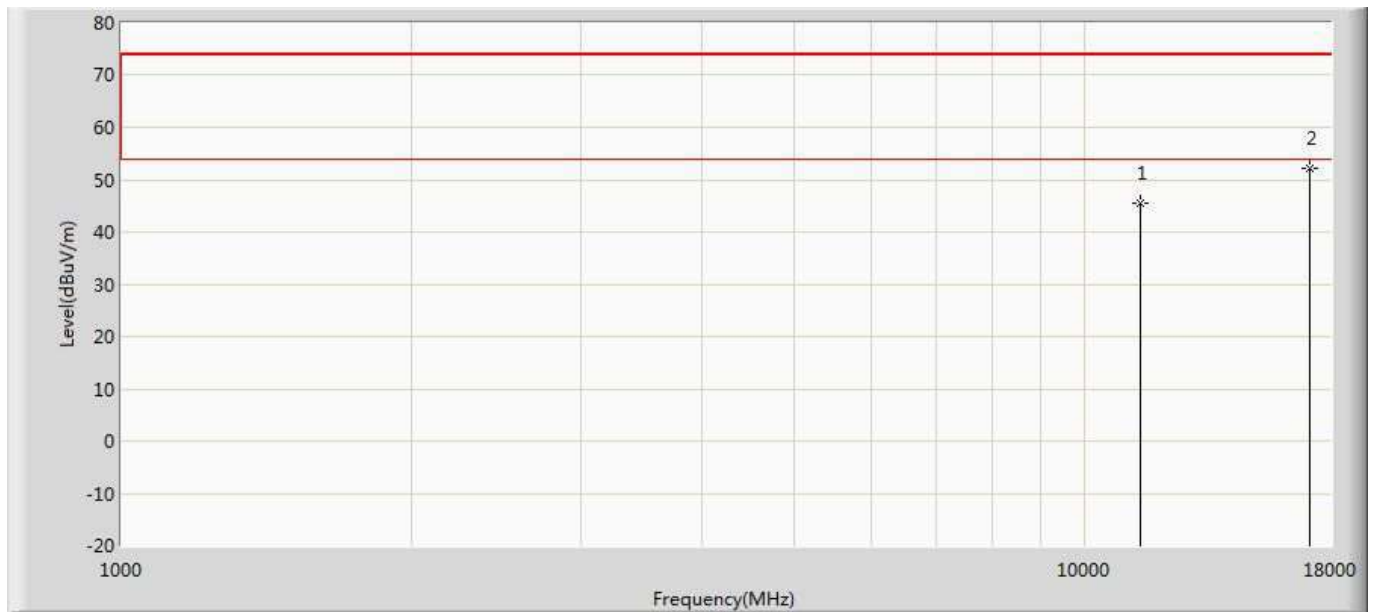
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	46.385	32.549	-27.615	74.000	13.837	PK
2	*	16740.000	52.189	33.704	-21.811	74.000	18.486	PK

Profile: 2040625R	Page No.: 133
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5700MHz by 802.11a	



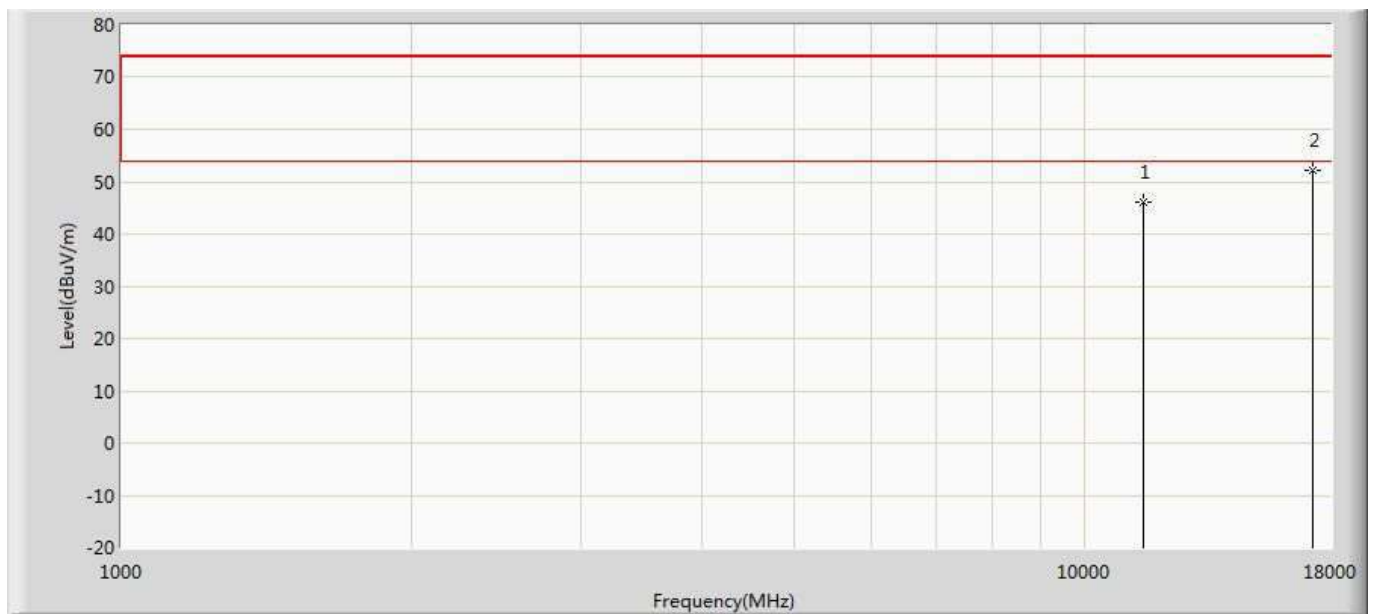
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	45.603	31.642	-28.397	74.000	13.961	PK
2	*	17100.000	52.371	32.539	-21.629	74.000	19.832	PK

Profile: 2040625R	Page No.: 134
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5700MHz by 802.11a	



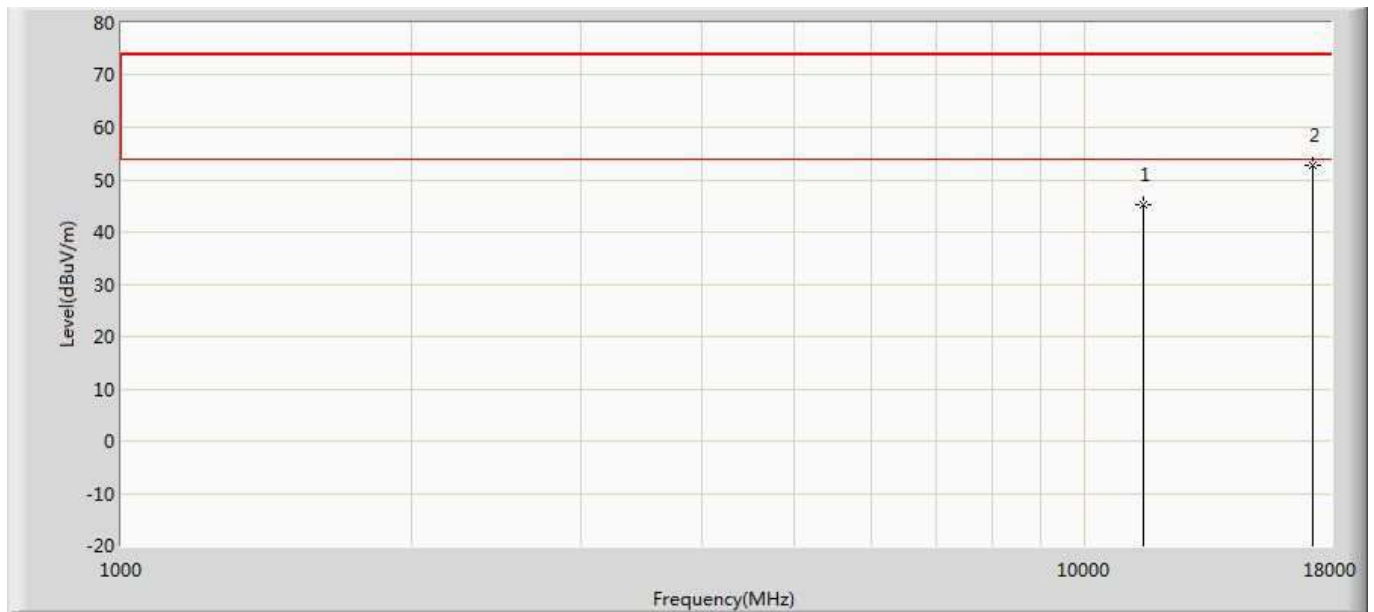
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	45.529	31.568	-28.471	74.000	13.961	PK
2	*	17100.000	52.204	32.372	-21.796	74.000	19.832	PK

Profile: 2040625R	Page No.: 135
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5745MHz by 802.11a	



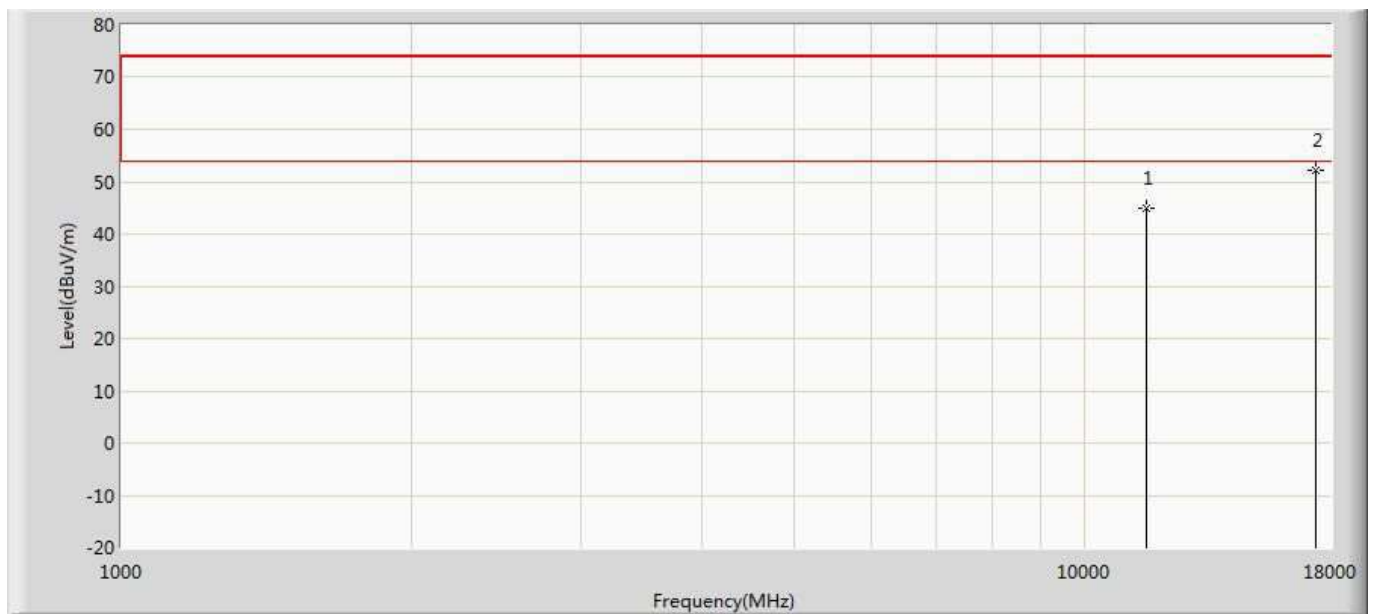
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	46.079	32.148	-27.921	74.000	13.931	PK
2	*	17235.000	52.248	31.967	-21.752	74.000	20.281	PK

Profile: 2040625R	Page No.: 136
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5745MHz by 802.11a	



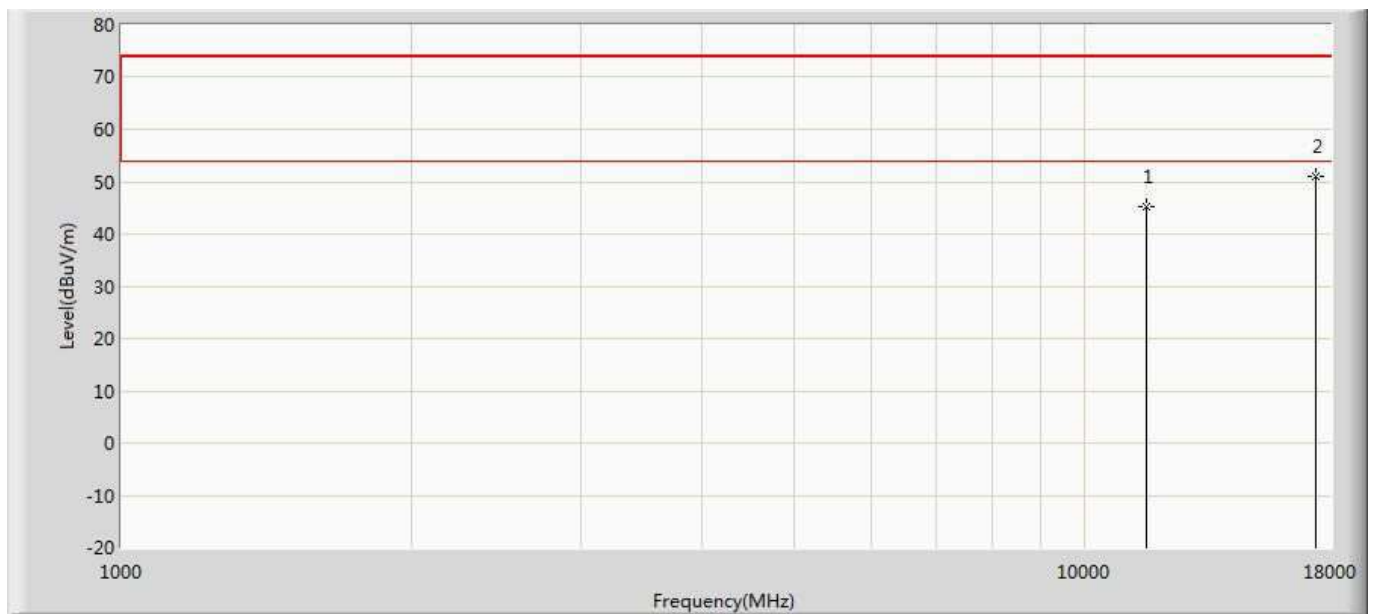
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.271	31.340	-28.729	74.000	13.931	PK
2	*	17235.000	52.882	32.601	-21.118	74.000	20.281	PK

Profile: 2040625R	Page No.: 137
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5785MHz by 802.11a	



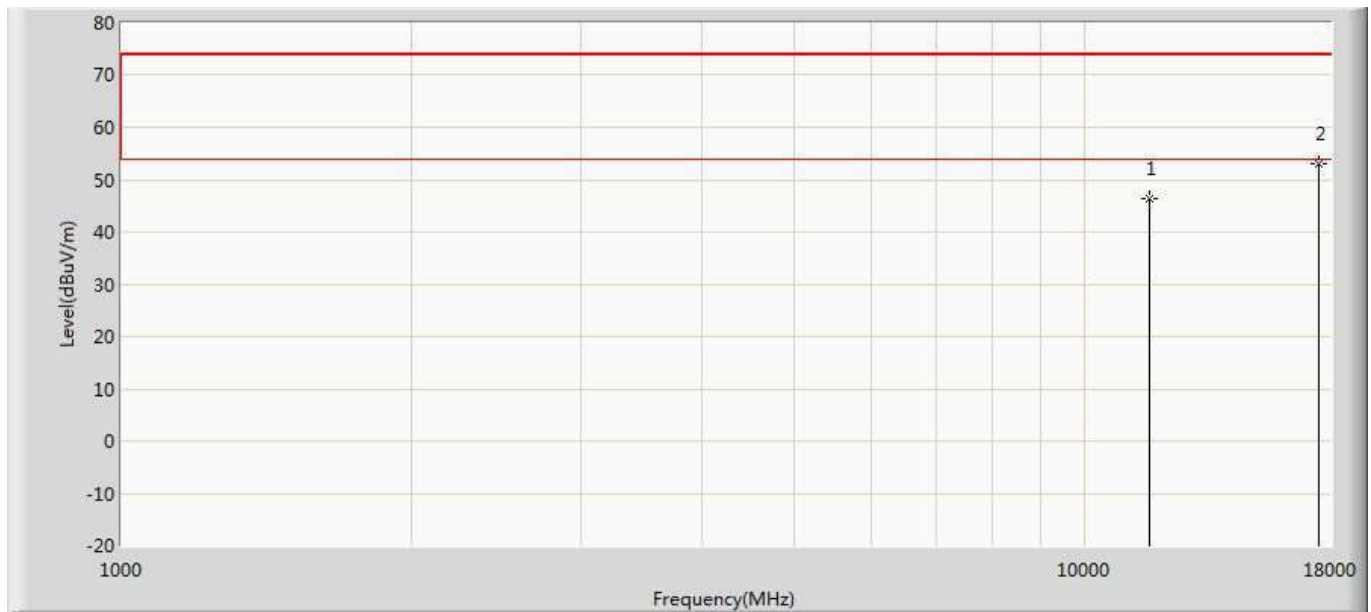
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.972	30.758	-29.028	74.000	14.214	PK
2	*	17355.000	52.046	32.283	-21.954	74.000	19.762	PK

Profile: 2040625R	Page No.: 138
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5785MHz by 802.11a	



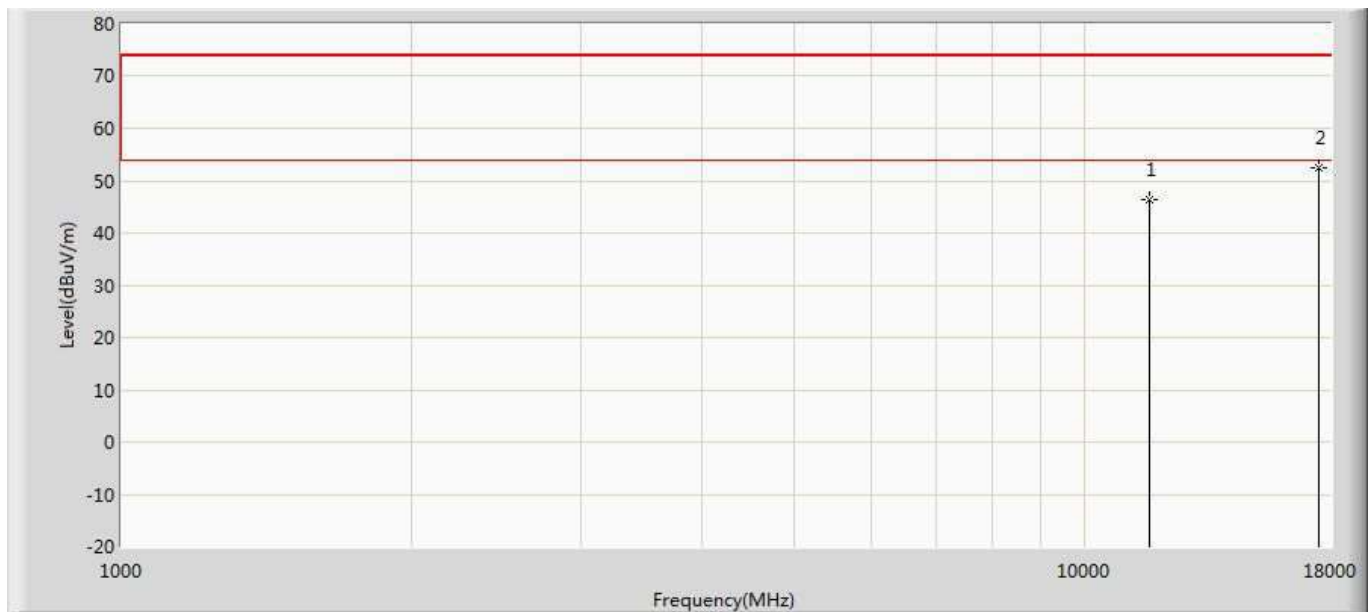
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	45.123	30.909	-28.877	74.000	14.214	PK
2	*	17355.000	51.015	31.252	-22.985	74.000	19.762	PK

Profile: 2040625R	Page No.: 139
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5825MHz by 802.11a	



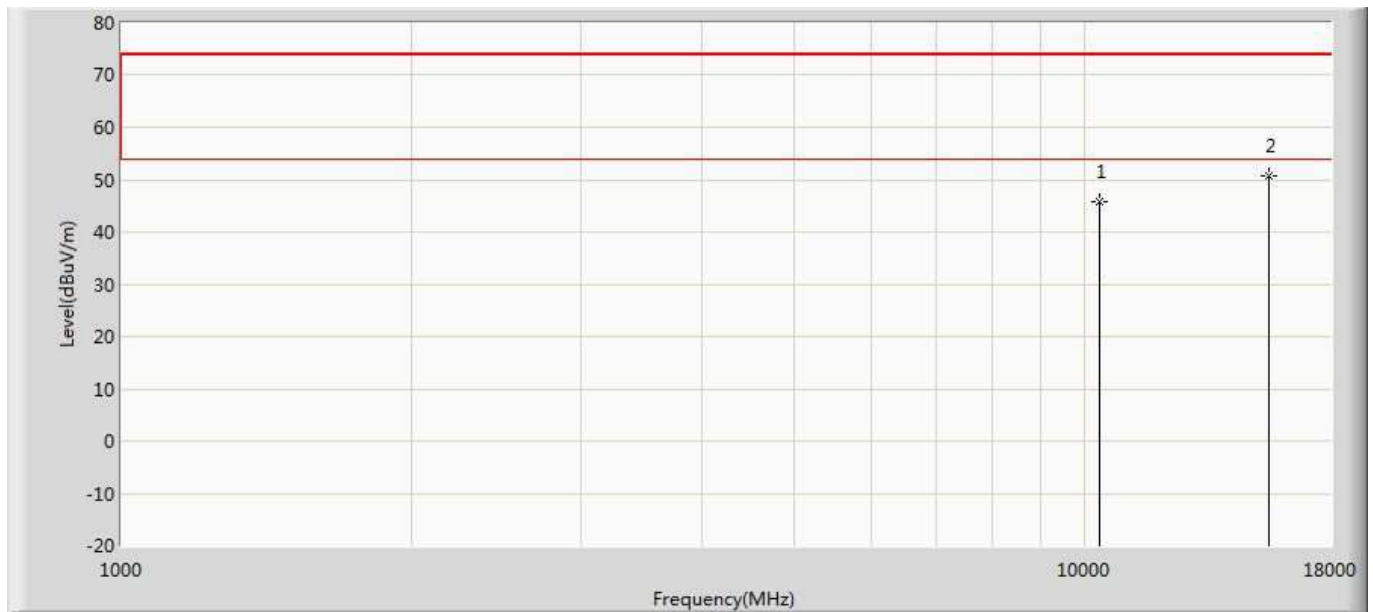
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.251	31.674	-27.749	74.000	14.577	PK
2	*	17475.000	53.153	33.244	-20.847	74.000	19.909	PK

Profile: 2040625R	Page No.: 140
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5825MHz by 802.11a	



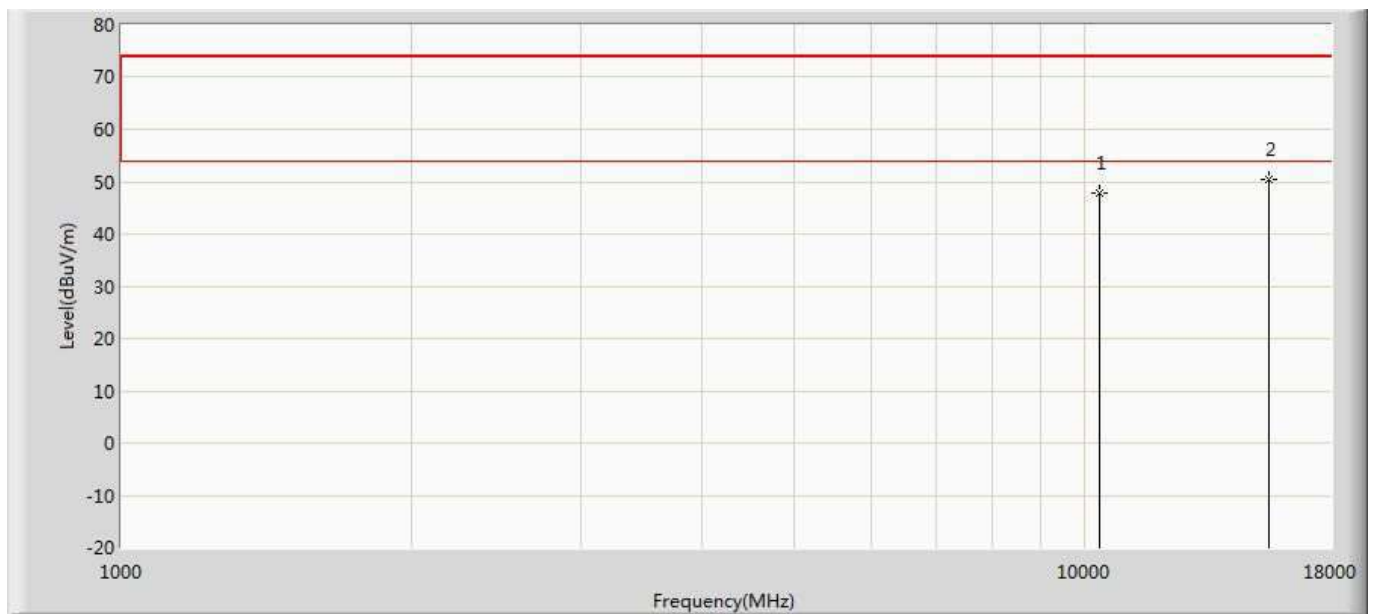
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.352	31.775	-27.648	74.000	14.577	PK
2	*	17475.000	52.320	32.411	-21.680	74.000	19.909	PK

Profile: 2040625R	Page No.: 141
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



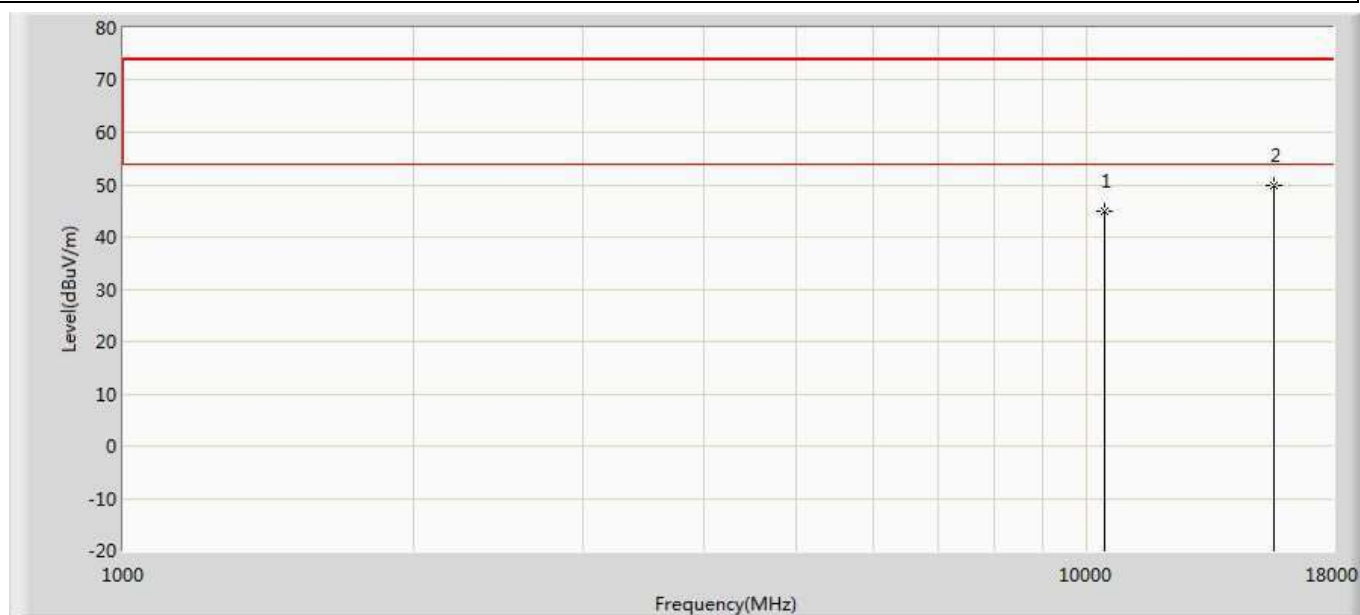
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.902	34.144	-28.098	74.000	11.757	PK
2	*	15540.000	50.772	33.301	-23.228	74.000	17.471	PK

Profile: 2040625R	Page No.: 142
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



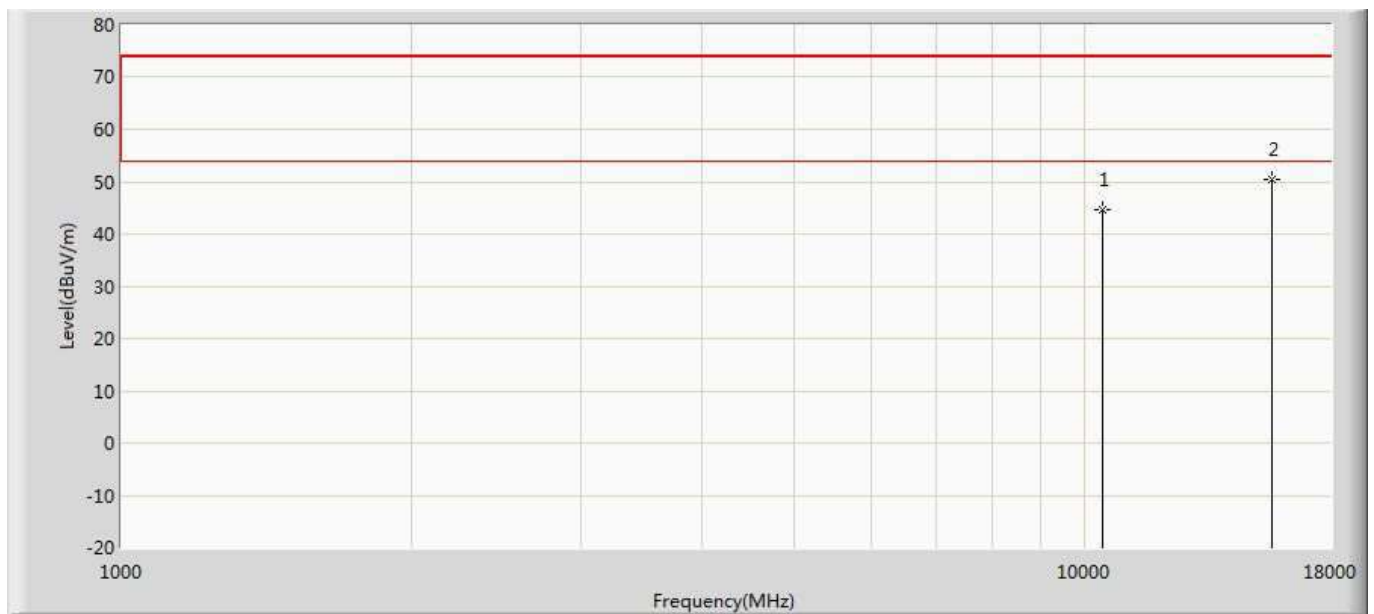
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	47.891	36.133	-26.109	74.000	11.757	PK
2	*	15540.000	50.442	32.971	-23.558	74.000	17.471	PK

Profile: 2040625R	Page No.: 143
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220MHz by 802.11n(20MHz)	



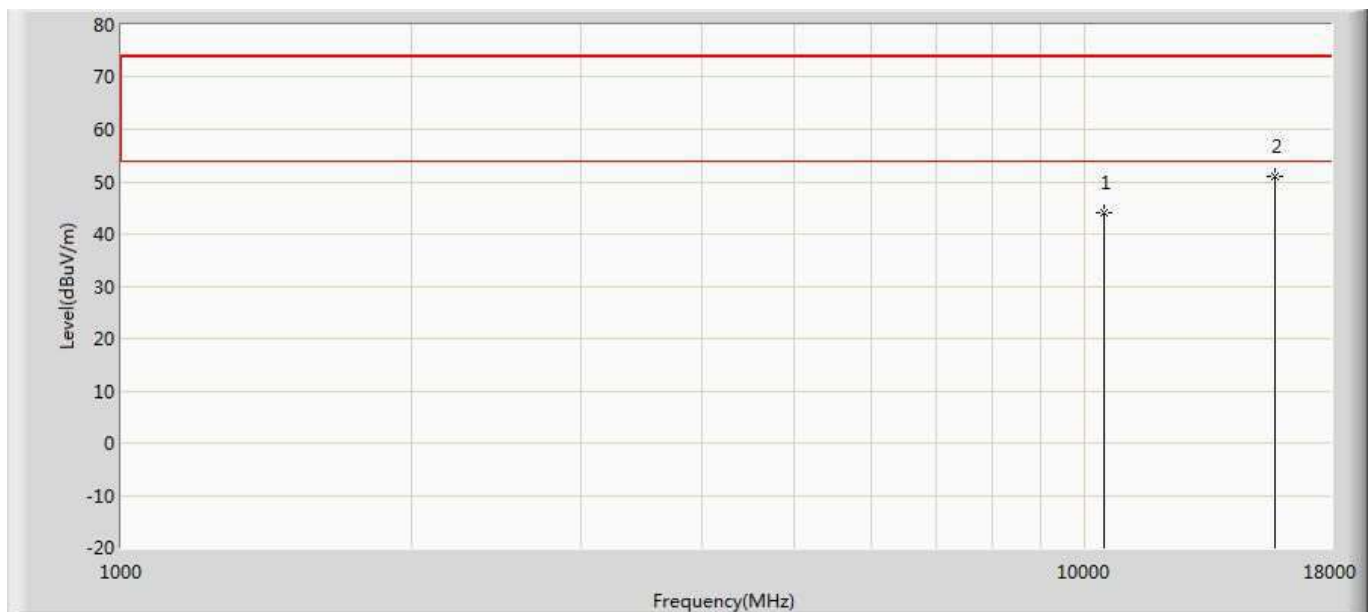
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	44.994	32.643	-29.006	74.000	12.351	PK
2	*	15660.000	49.841	32.314	-24.159	74.000	17.527	PK

Profile: 2040625R	Page No.: 144
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220MHz by 802.11n(20MHz)	



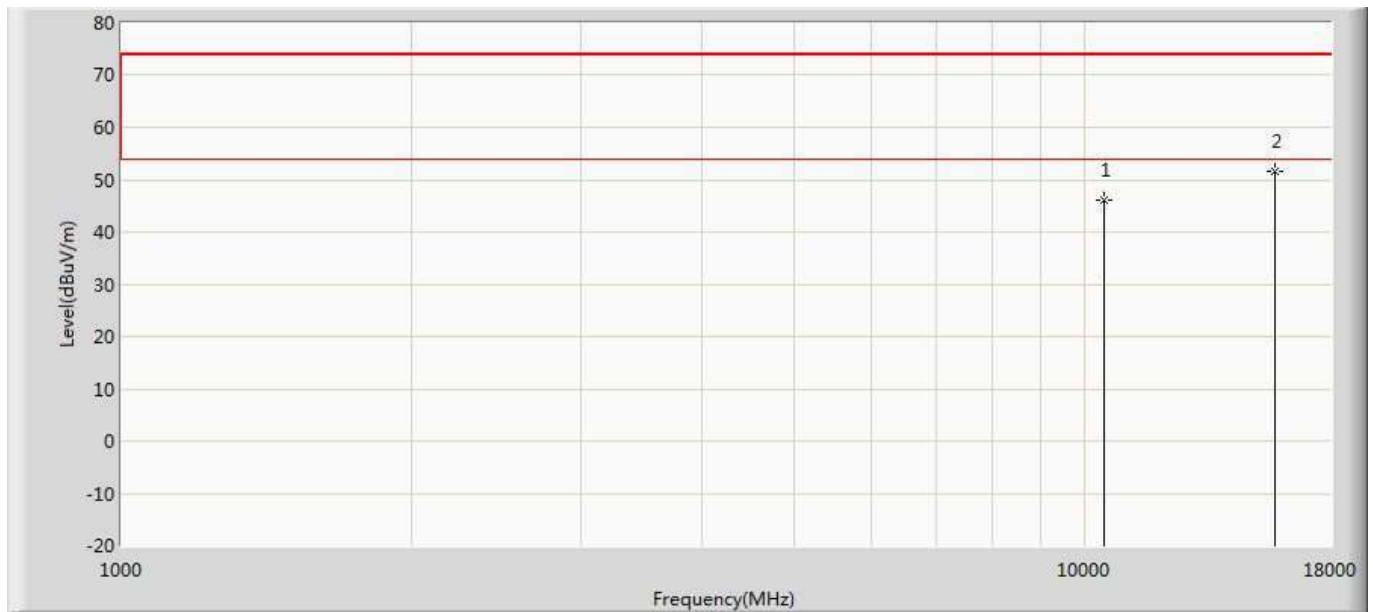
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	44.568	32.217	-29.432	74.000	12.351	PK
2	*	15660.000	50.343	32.816	-23.657	74.000	17.527	PK

Profile: 2040625R	Page No.: 145
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240MHz by 802.11n(20MHz)	



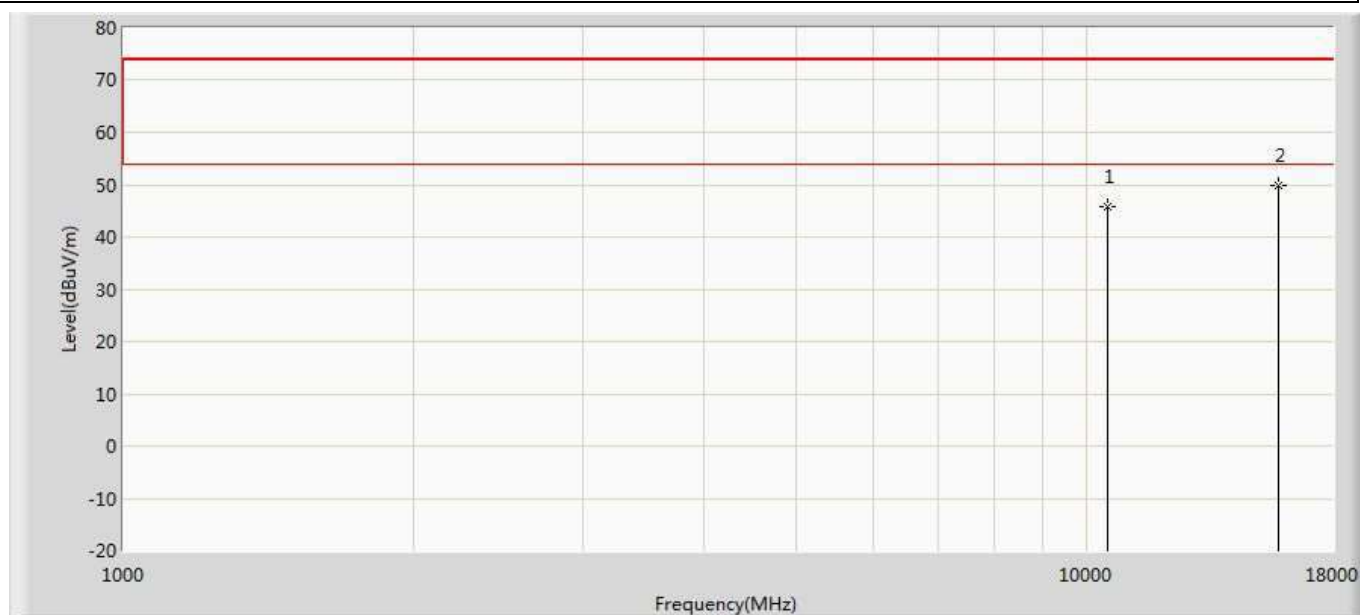
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.136	32.069	-29.864	74.000	12.068	PK
2	*	15720.000	50.872	32.721	-23.128	74.000	18.152	PK

Profile: 2040625R	Page No.: 146
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240MHz by 802.11n(20MHz)	



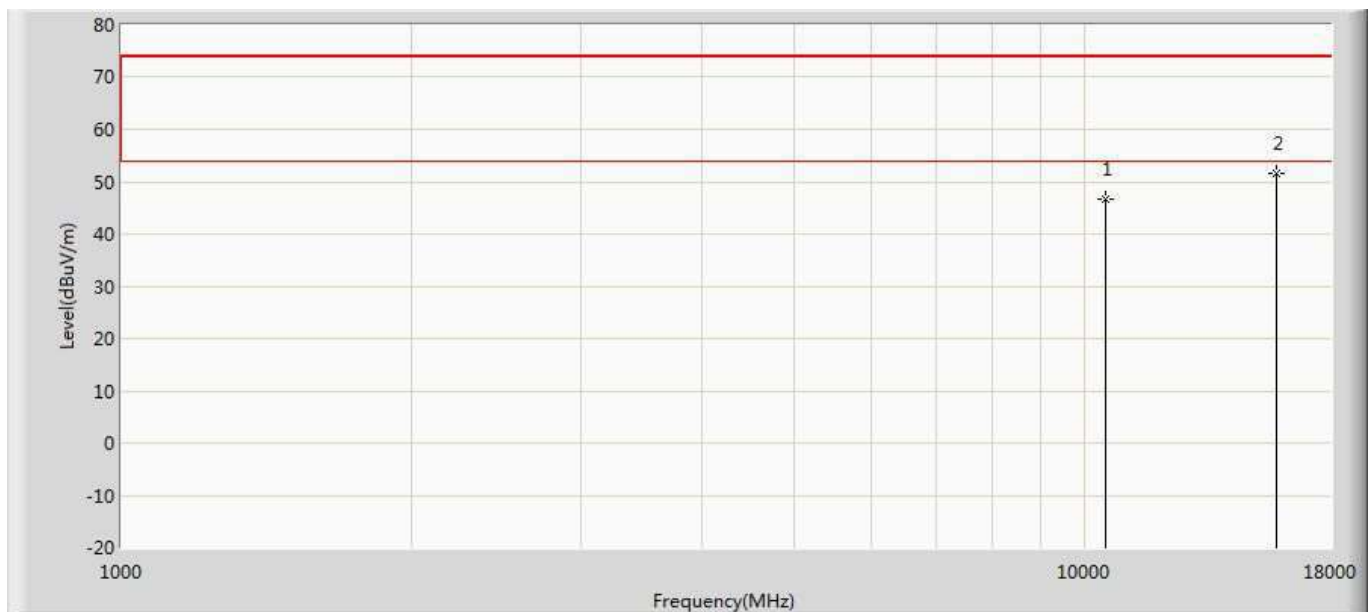
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	46.049	33.982	-27.951	74.000	12.068	PK
2	*	15720.000	51.733	33.582	-22.267	74.000	18.152	PK

Profile: 2040625R	Page No.: 147
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5260MHz by 802.11n(20MHz)	



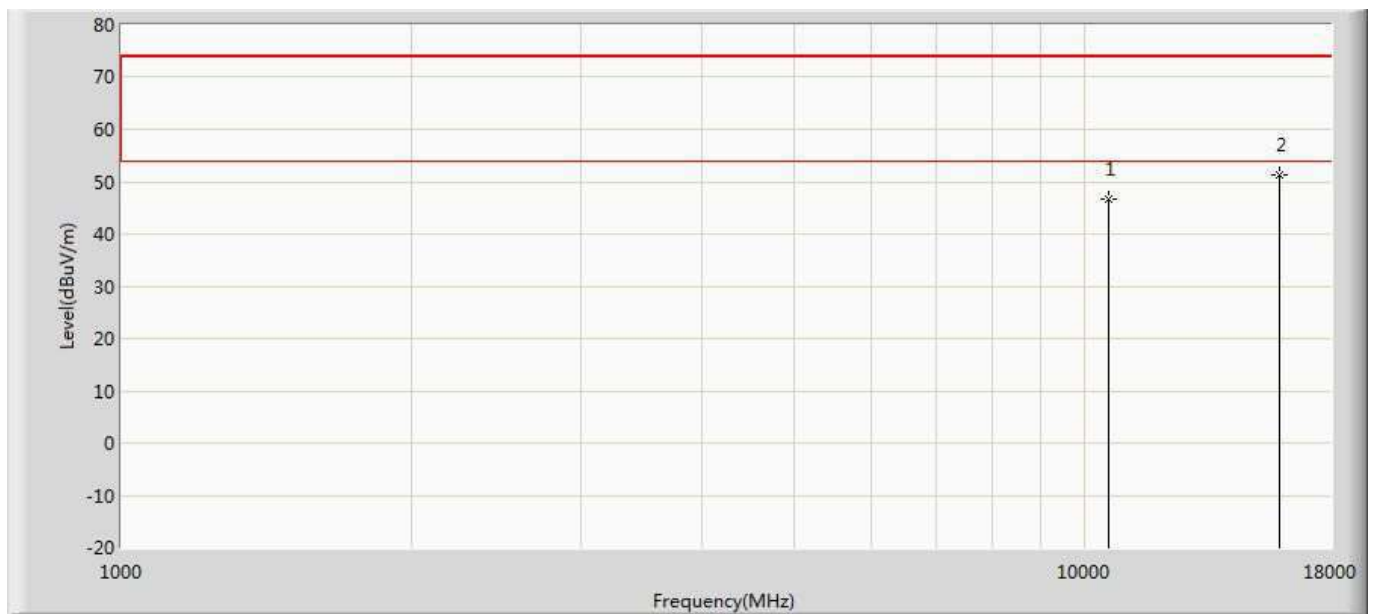
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	45.818	32.624	-28.182	74.000	13.194	PK
2	*	15780.000	49.907	31.536	-24.093	74.000	18.371	PK

Profile: 2040625R	Page No.: 148
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5260MHz by 802.11n(20MHz)	



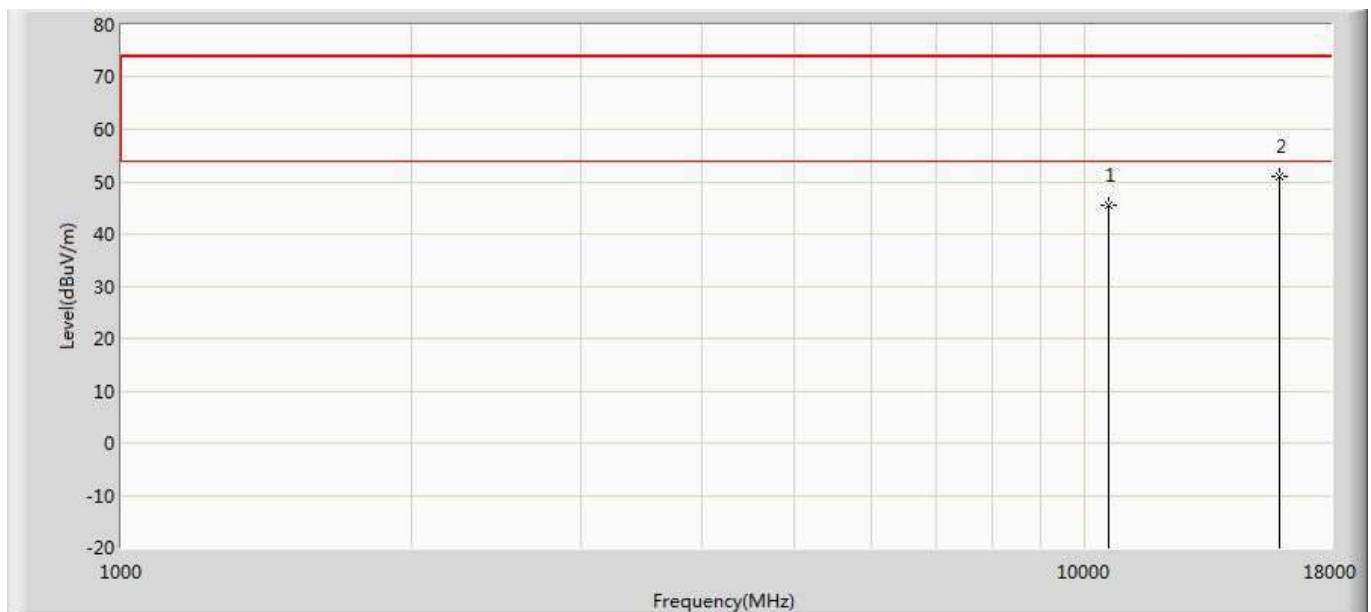
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	46.615	33.421	-27.385	74.000	13.194	PK
2	*	15780.000	51.642	33.271	-22.358	74.000	18.371	PK

Profile: 2040625R	Page No.: 149
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5300MHz by 802.11n(20MHz)	



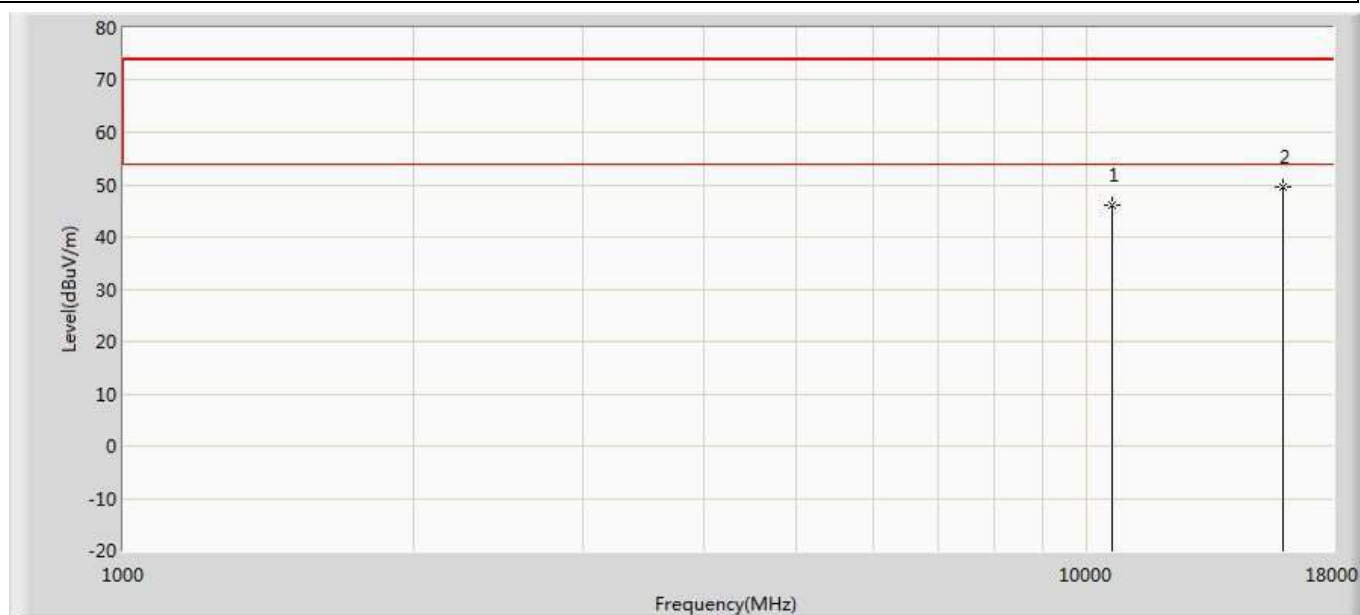
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	46.739	34.475	-27.261	74.000	12.263	PK
2	*	15900.000	51.350	32.945	-22.650	74.000	18.405	PK

Profile: 2040625R	Page No.: 150
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5300MHz by 802.11n(20MHz)	



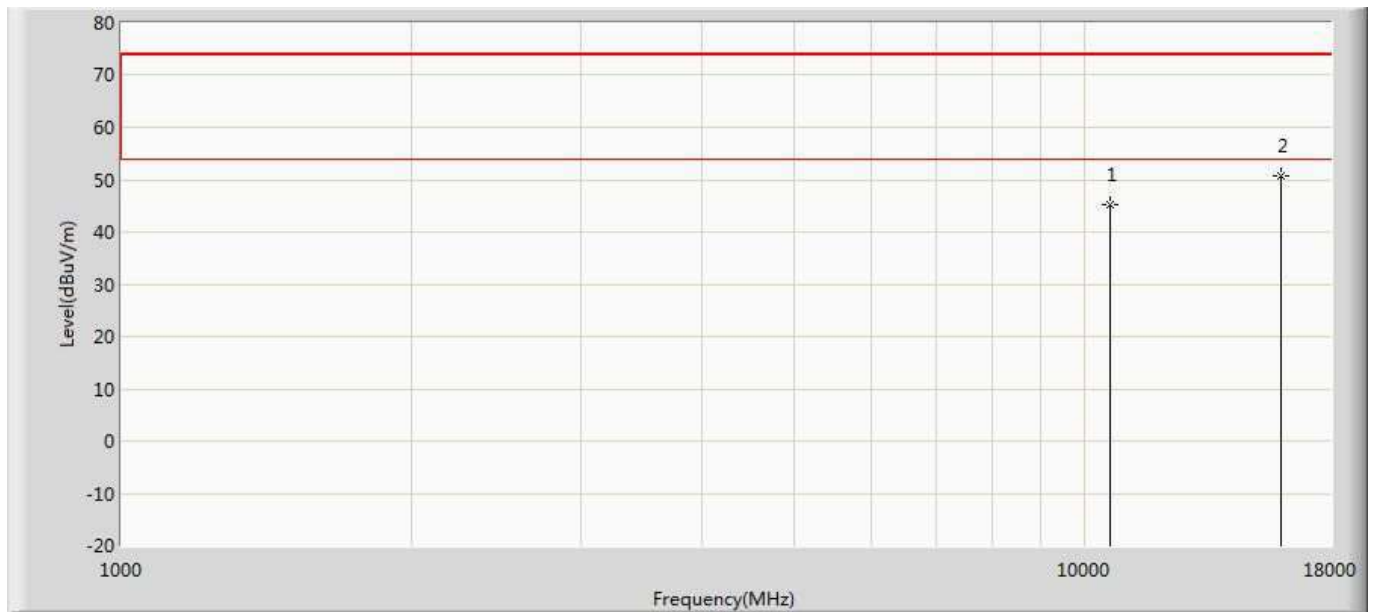
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	45.639	33.375	-28.361	74.000	12.263	PK
2	*	15900.000	51.126	32.721	-22.874	74.000	18.405	PK

Profile: 2040625R	Page No.: 151
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



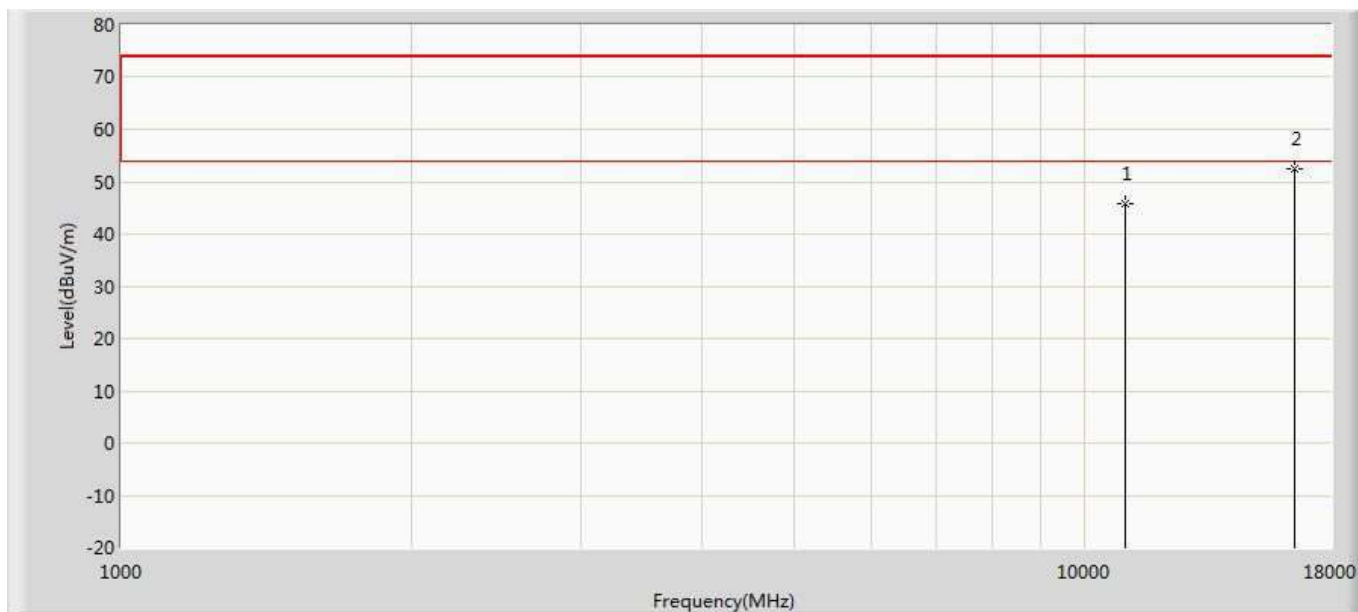
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	46.058	33.980	-27.942	74.000	12.077	PK
2	*	15960.000	49.506	31.475	-24.494	74.000	18.031	PK

Profile: 2040625R	Page No.: 152
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



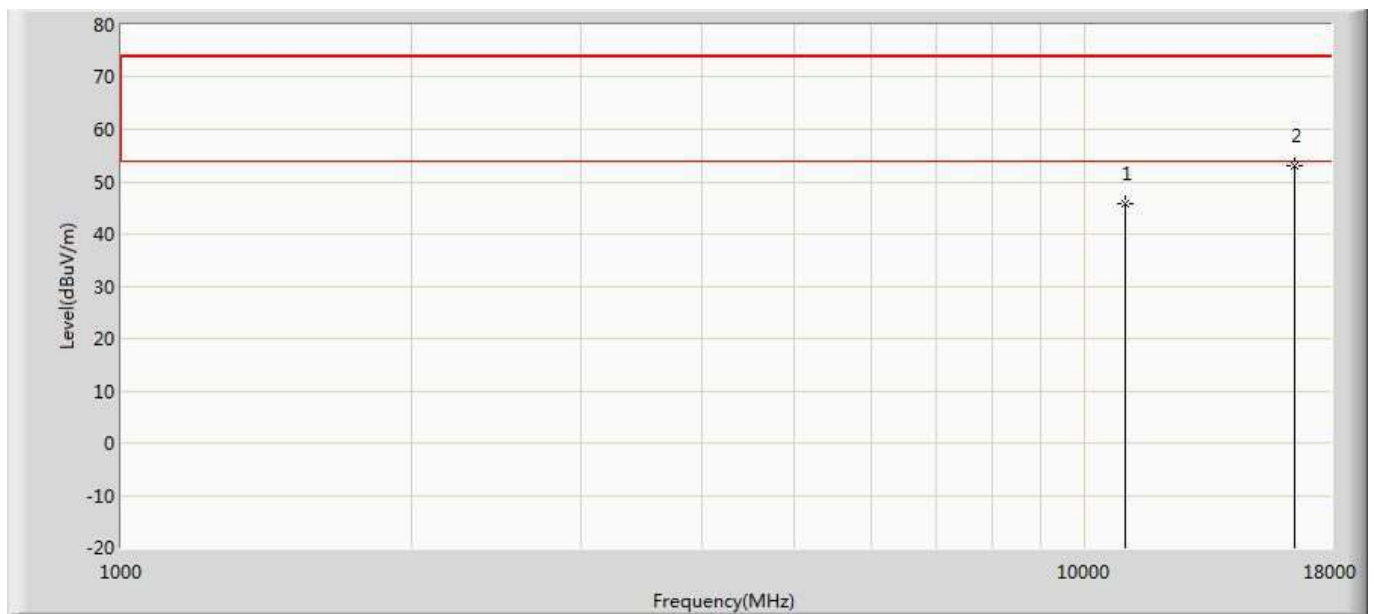
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	45.211	33.133	-28.789	74.000	12.077	PK
2	*	15960.000	50.703	32.672	-23.297	74.000	18.031	PK

Profile: 2040625R	Page No.: 153
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



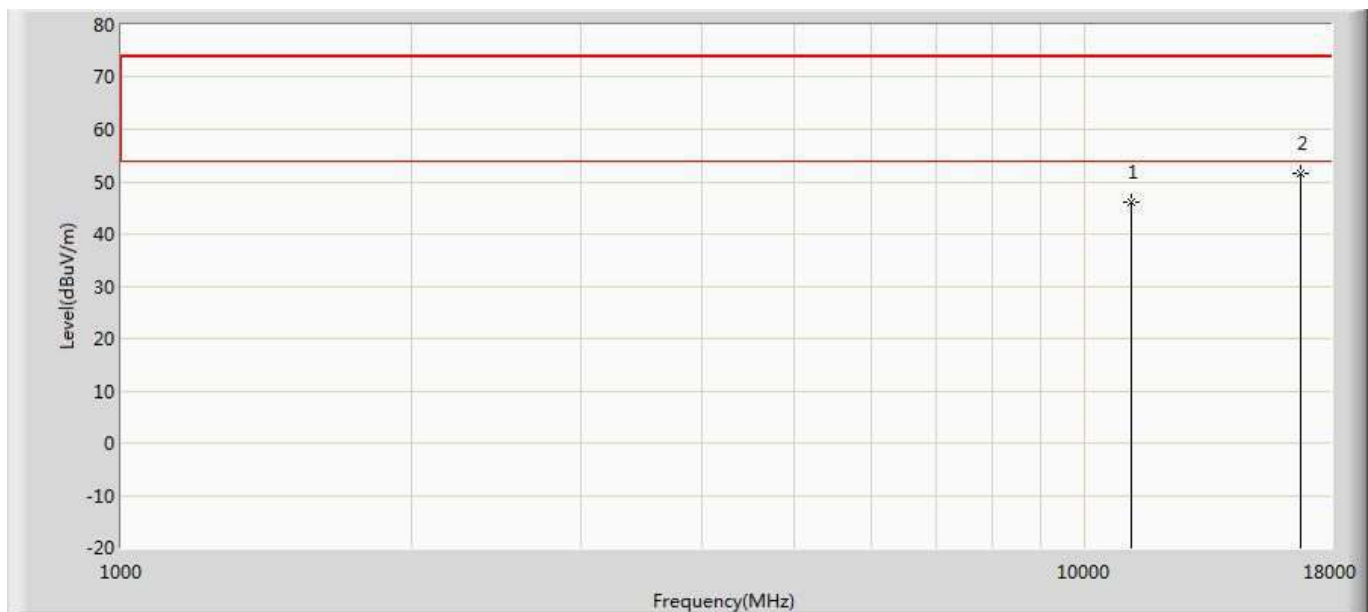
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	45.747	32.725	-28.253	74.000	13.021	PK
2	*	16500.000	52.427	33.546	-21.573	74.000	18.881	PK

Profile: 2040625R	Page No.: 154
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



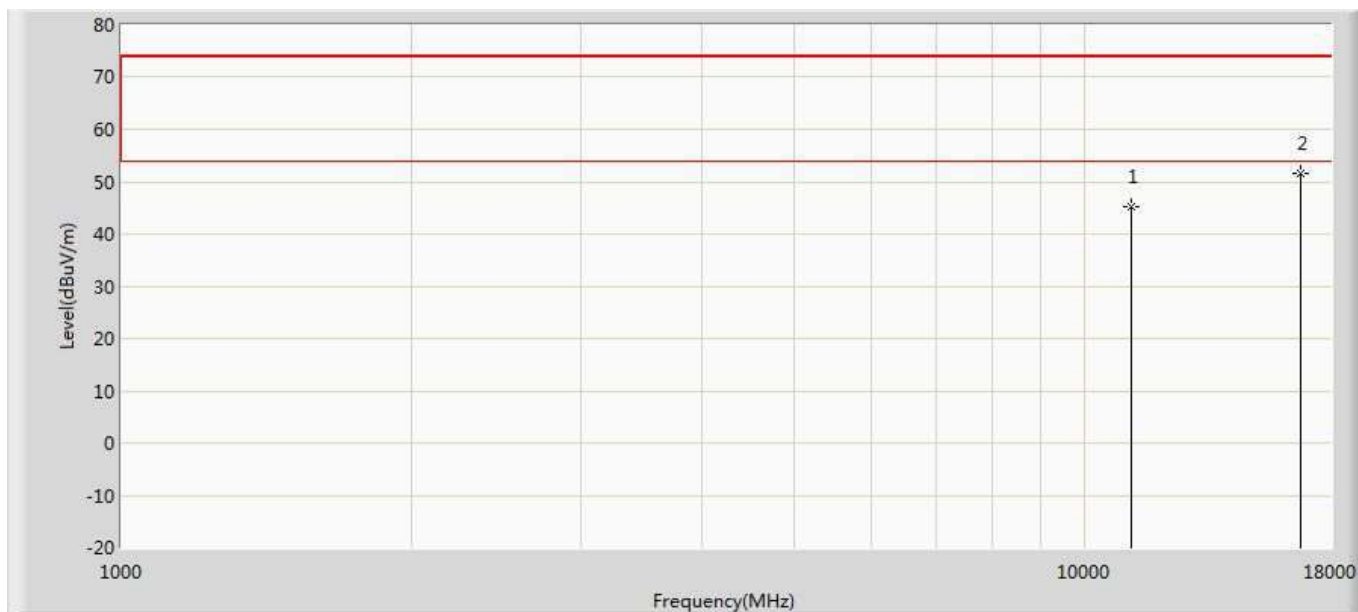
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	45.778	32.756	-28.222	74.000	13.021	PK
2	*	16500.000	53.155	34.274	-20.845	74.000	18.881	PK

Profile: 2040625R	Page No.: 155
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5580MHz by 802.11n(20MHz)	



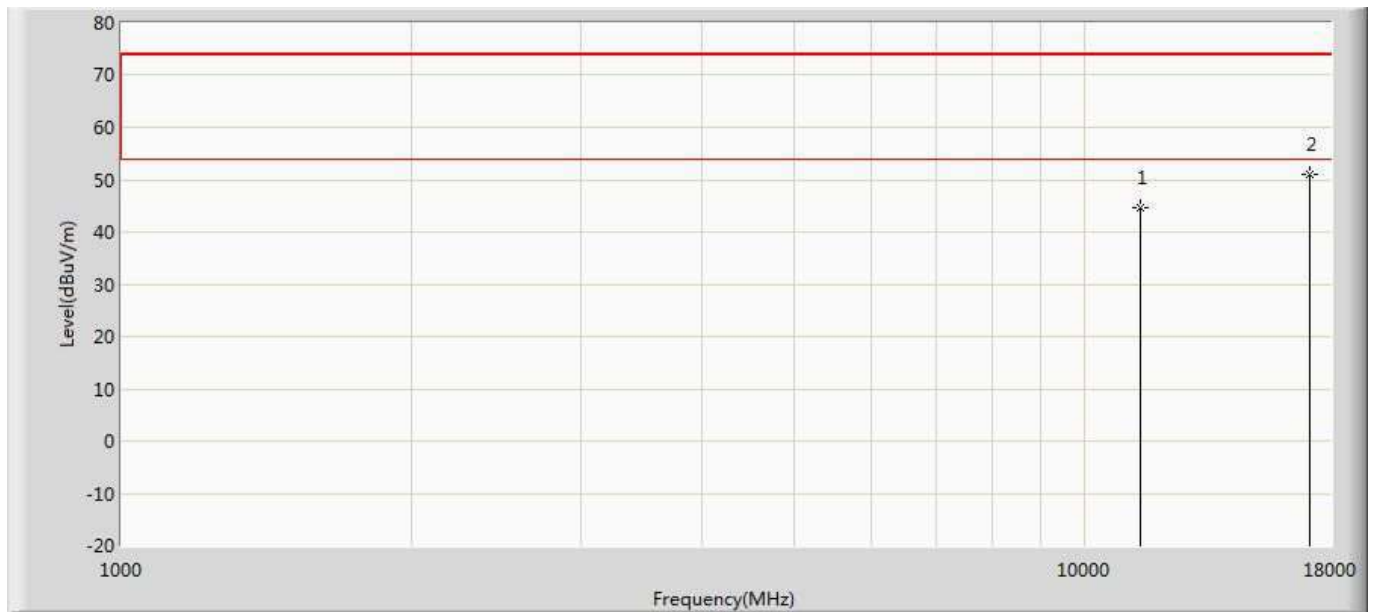
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	46.214	32.378	-27.786	74.000	13.837	PK
2	*	16740.000	51.462	32.977	-22.538	74.000	18.486	PK

Profile: 2040625R	Page No.: 156
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5580MHz by 802.11n(20MHz)	



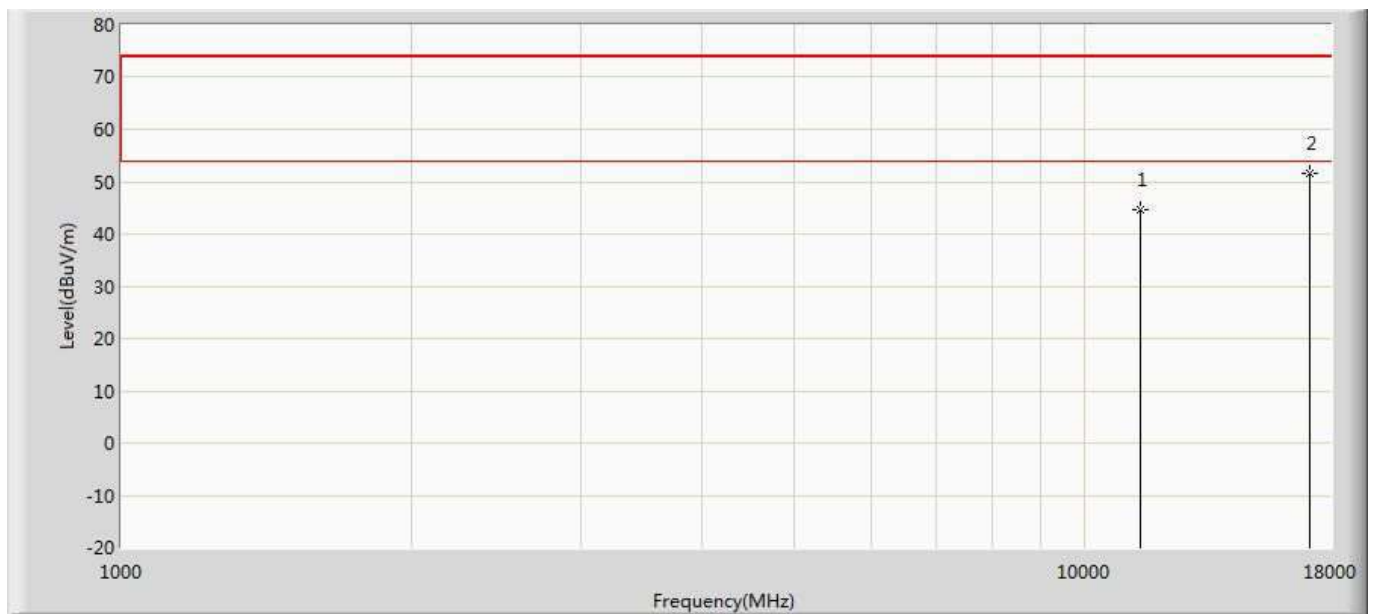
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	45.303	31.467	-28.697	74.000	13.837	PK
2	*	16740.000	51.463	32.978	-22.537	74.000	18.486	PK

Profile: 2040625R	Page No.: 157
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5700MHz by 802.11n(20MHz)	



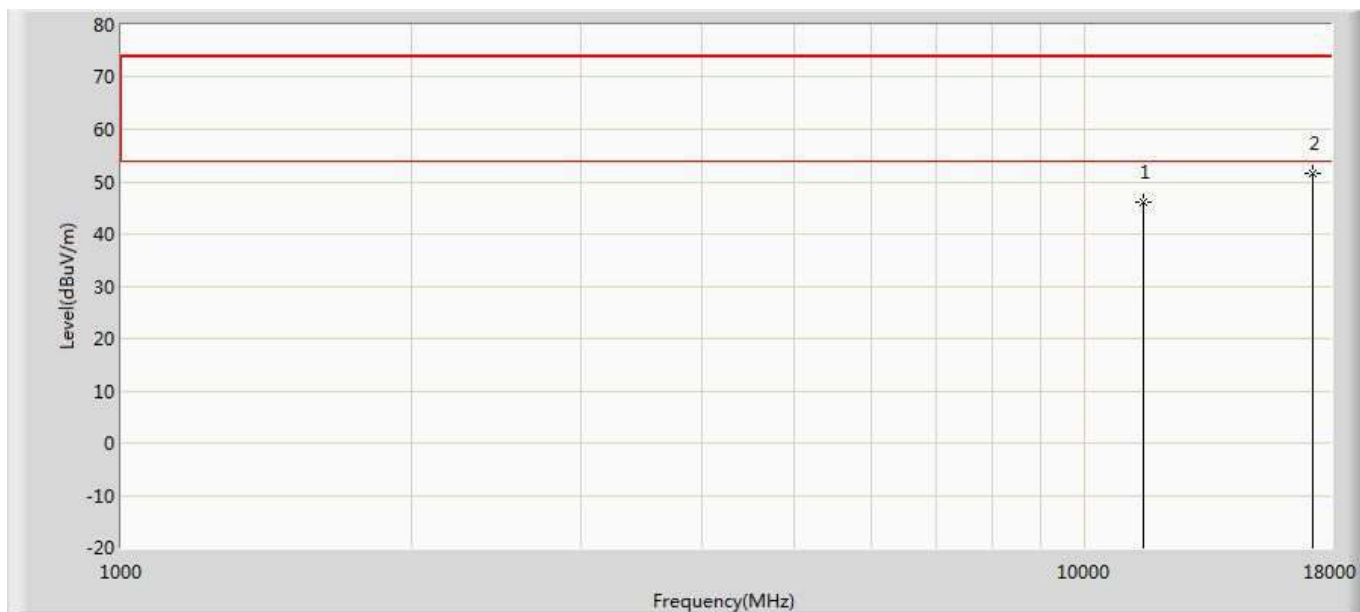
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	44.550	30.589	-29.450	74.000	13.961	PK
2	*	17100.000	50.943	31.111	-23.057	74.000	19.832	PK

Profile: 2040625R	Page No.: 158
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5700MHz by 802.11n(20MHz)	



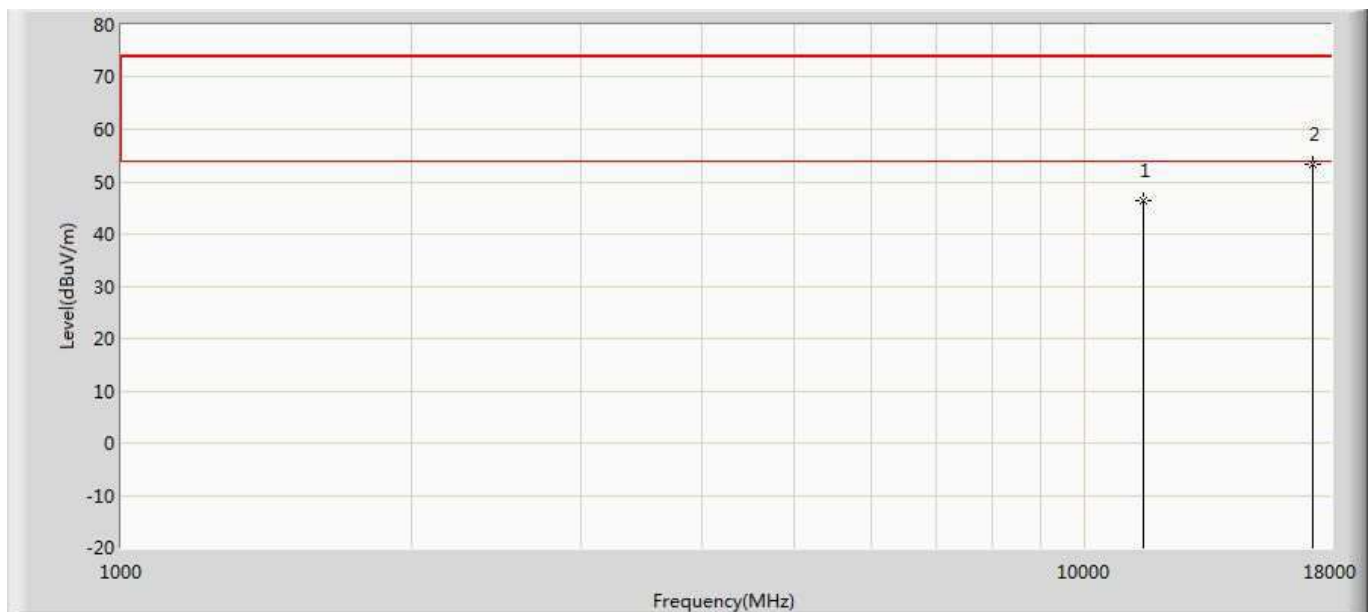
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	44.584	30.623	-29.416	74.000	13.961	PK
2	*	17100.000	51.555	31.723	-22.445	74.000	19.832	PK

Profile: 2040625R	Page No.: 159
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



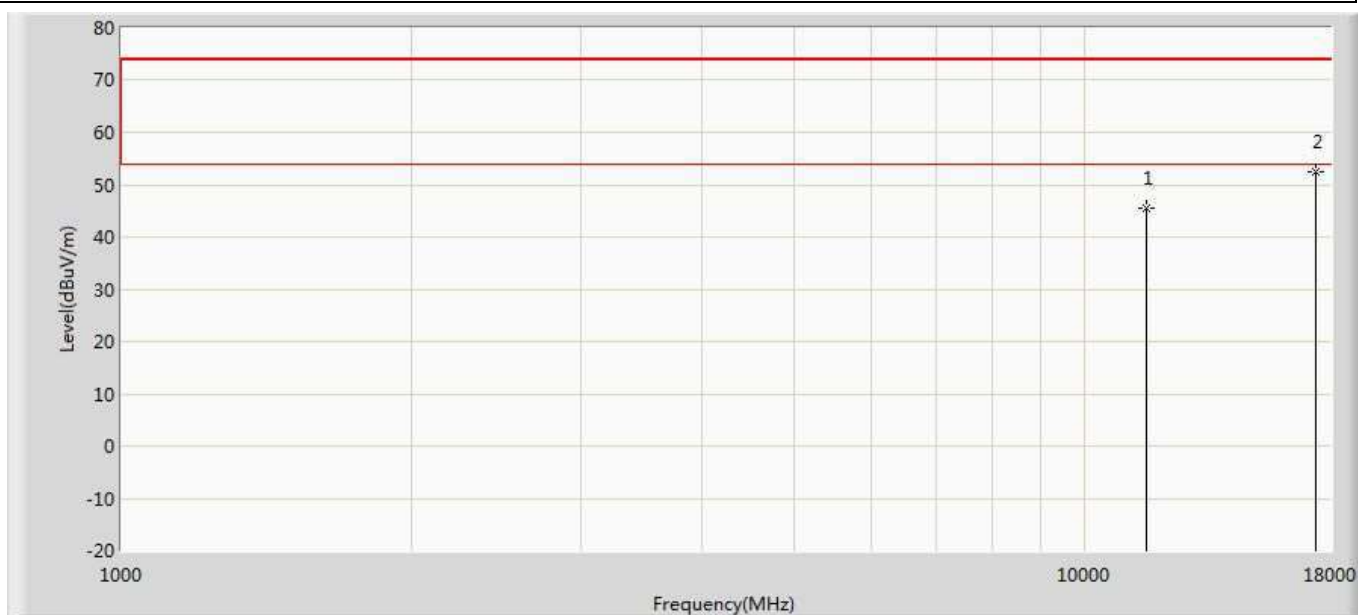
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	46.007	32.076	-27.993	74.000	13.931	PK
2	*	17235.000	51.728	31.447	-22.272	74.000	20.281	PK

Profile: 2040625R	Page No.: 160
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



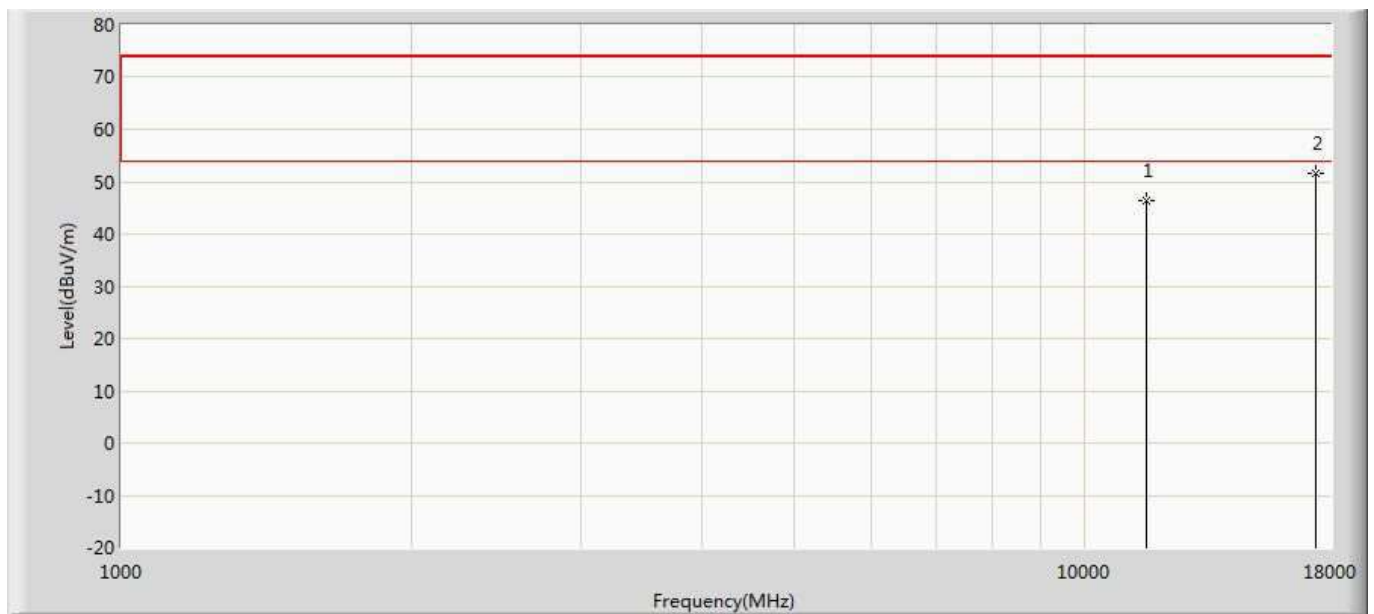
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	46.251	32.320	-27.749	74.000	13.931	PK
2	*	17235.000	53.396	33.115	-20.604	74.000	20.281	PK

Profile: 2040625R	Page No.: 161
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



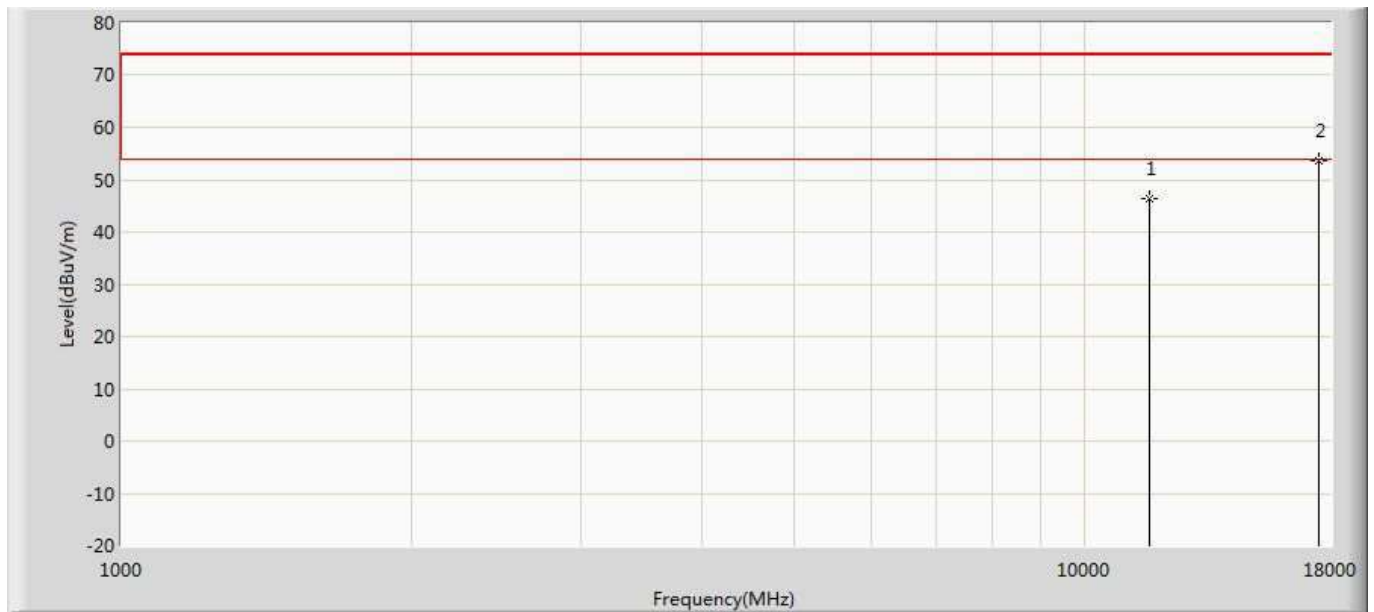
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	45.475	31.261	-28.525	74.000	14.214	PK
2	*	17355.000	52.428	32.665	-21.572	74.000	19.762	PK

Profile: 2040625R	Page No.: 162
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



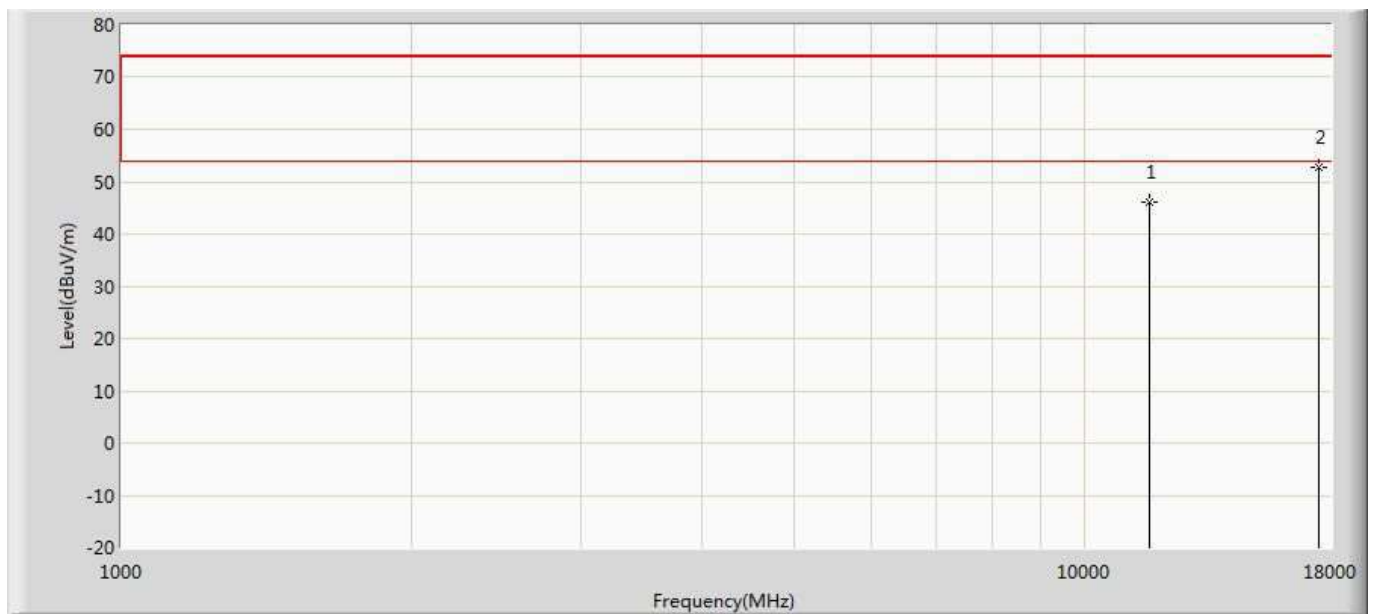
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	46.323	32.109	-27.677	74.000	14.214	PK
2	*	17355.000	51.732	31.969	-22.268	74.000	19.762	PK

Profile: 2040625R	Page No.: 163
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



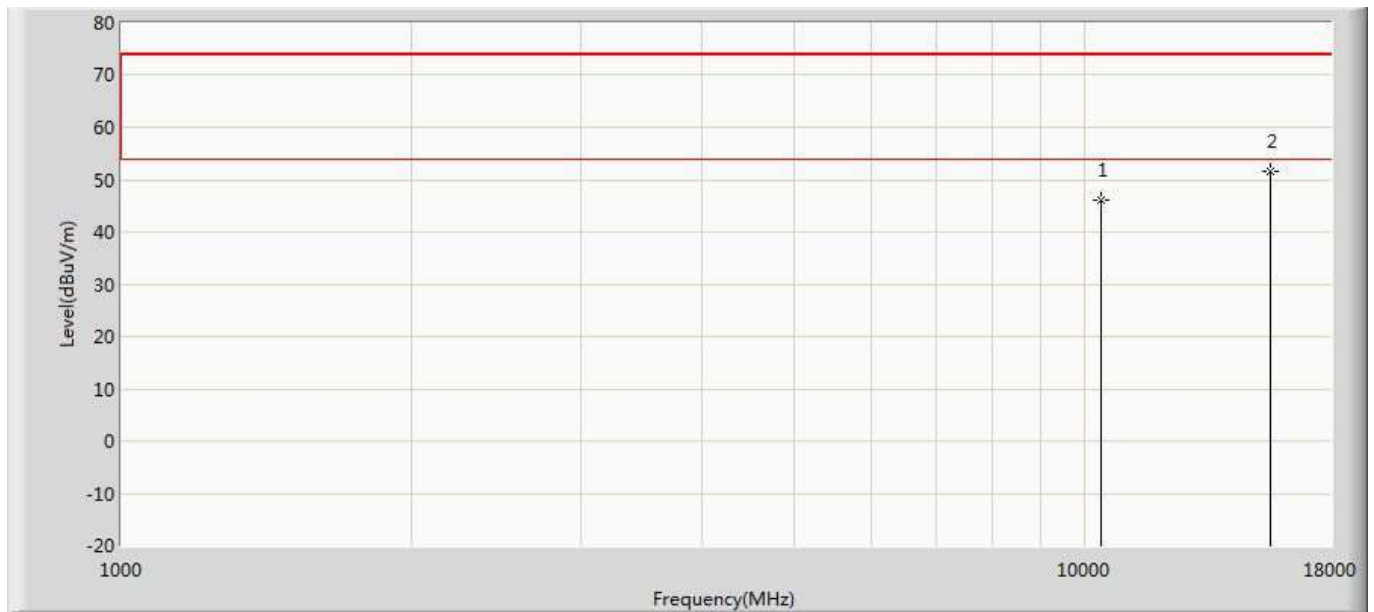
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.505	31.928	-27.495	74.000	14.577	PK
2	*	17475.000	53.767	33.858	-20.233	74.000	19.909	PK

Profile: 2040625R	Page No.: 164
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



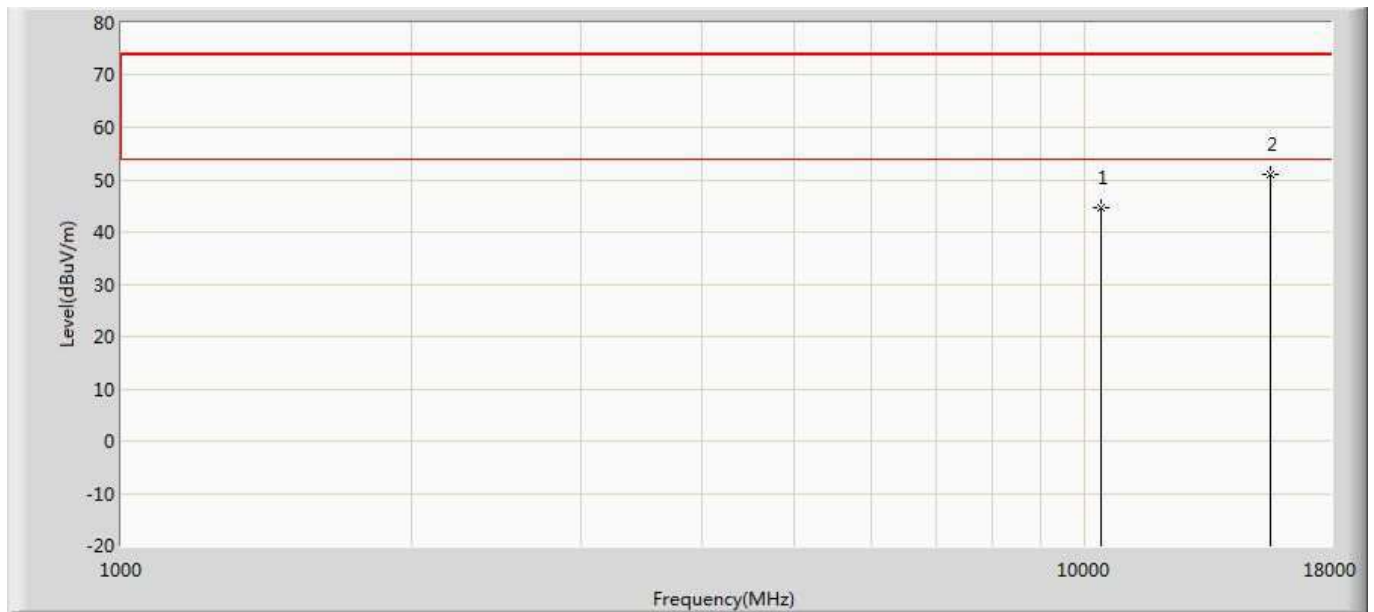
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.143	31.566	-27.857	74.000	14.577	PK
2	*	17475.000	52.824	32.915	-21.176	74.000	19.909	PK

Profile: 2040625R	Page No.: 165
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



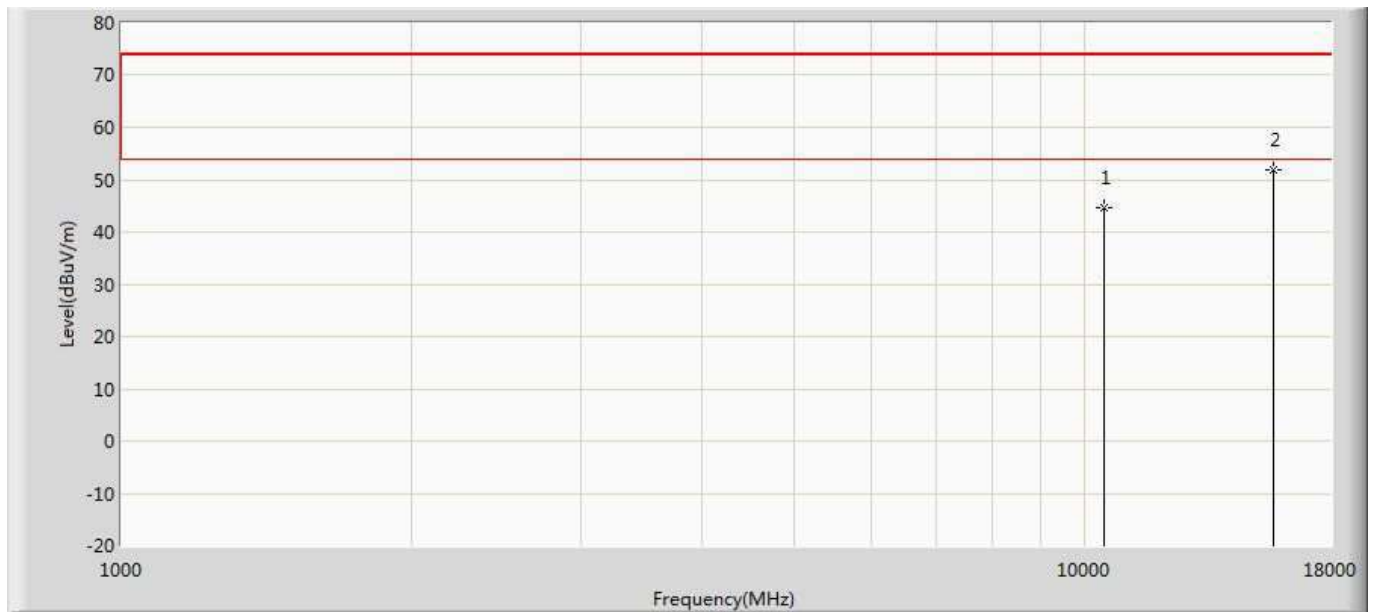
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.968	34.185	-28.032	74.000	11.783	PK
2	*	15570.000	51.681	33.669	-22.319	74.000	18.012	PK

Profile: 2040625R	Page No.: 166
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



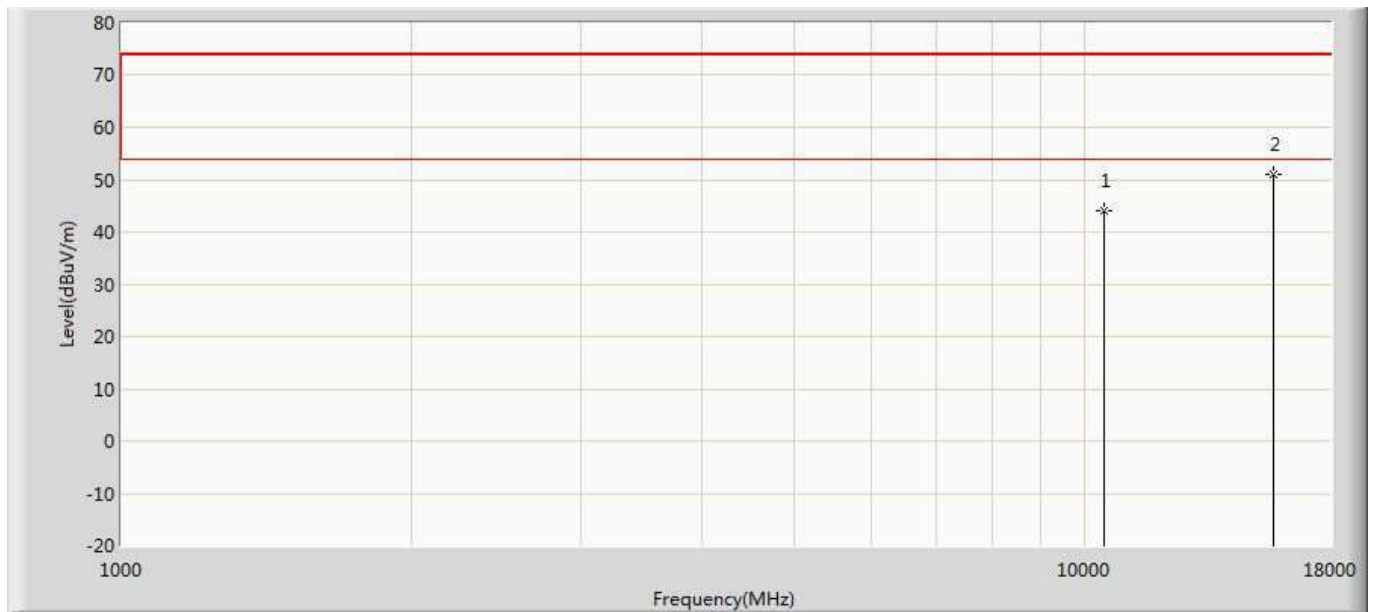
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	44.616	32.833	-29.384	74.000	11.783	PK
2	*	15570.000	50.883	32.871	-23.117	74.000	18.012	PK

Profile: 2040625R	Page No.: 167
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230MHz by 802.11n(40MHz)	



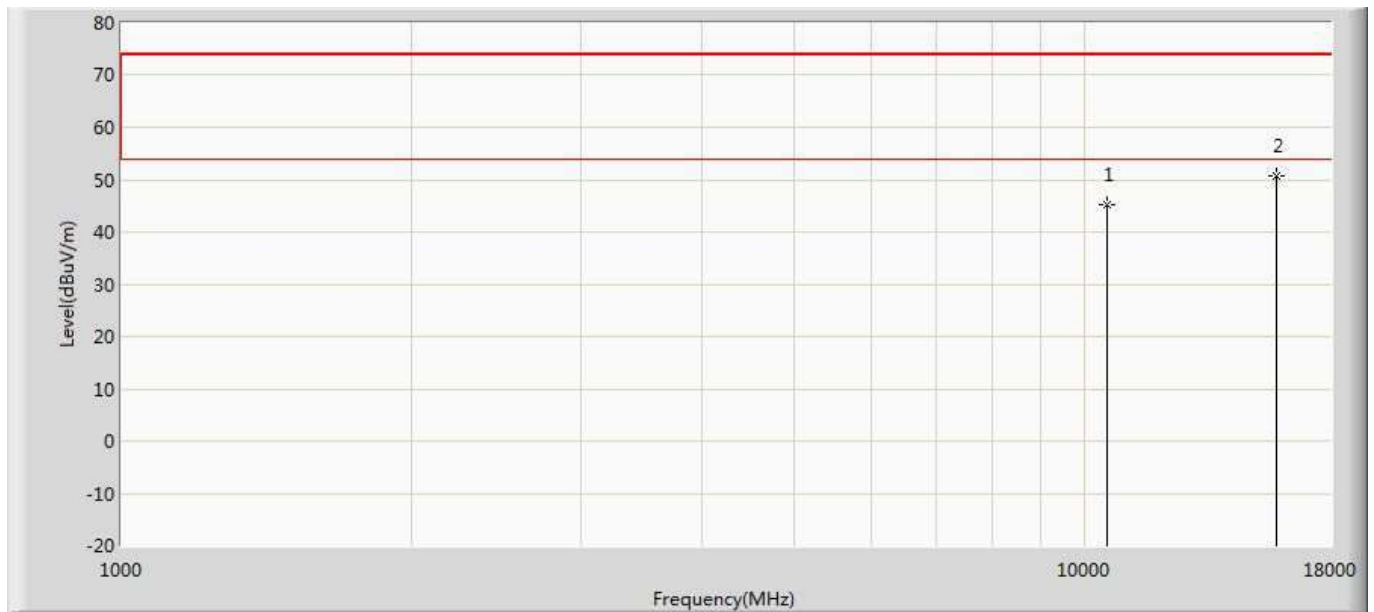
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	44.726	32.869	-29.274	74.000	11.857	PK
2	*	15690.000	51.907	33.553	-22.093	74.000	18.354	PK

Profile: 2040625R	Page No.: 168
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230MHz by 802.11n(40MHz)	



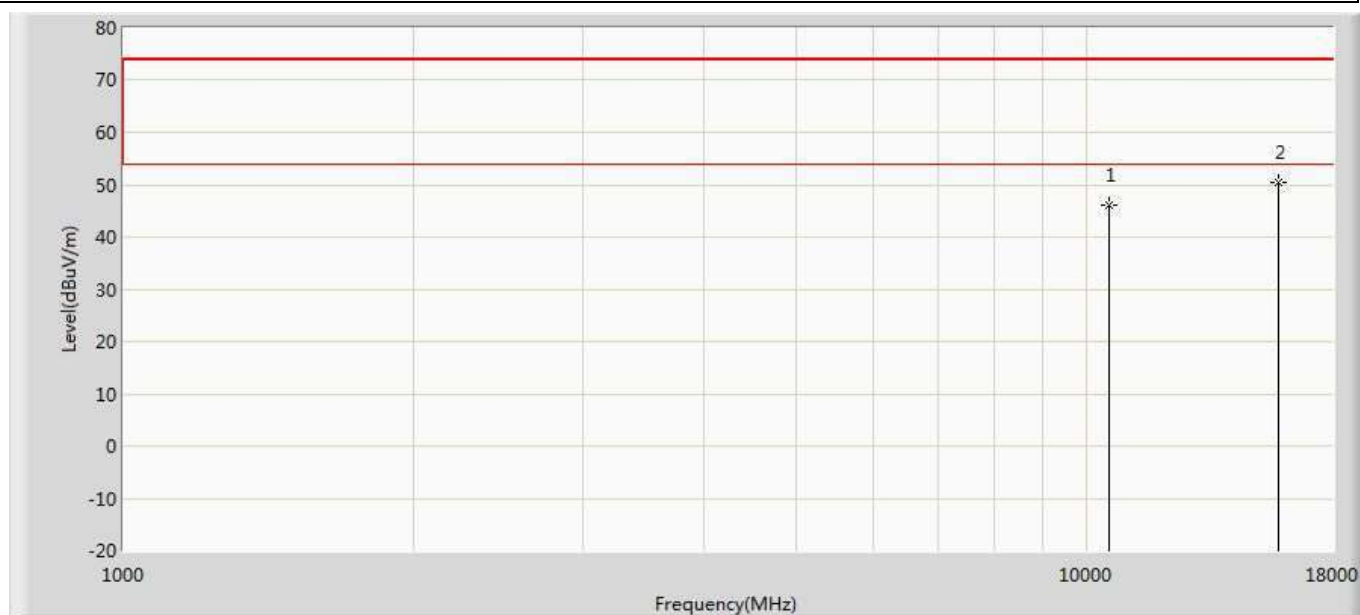
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	44.119	32.262	-29.881	74.000	11.857	PK
2	*	15690.000	51.099	32.745	-22.901	74.000	18.354	PK

Profile: 2040625R	Page No.: 169
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270MHz by 802.11n(40MHz)	



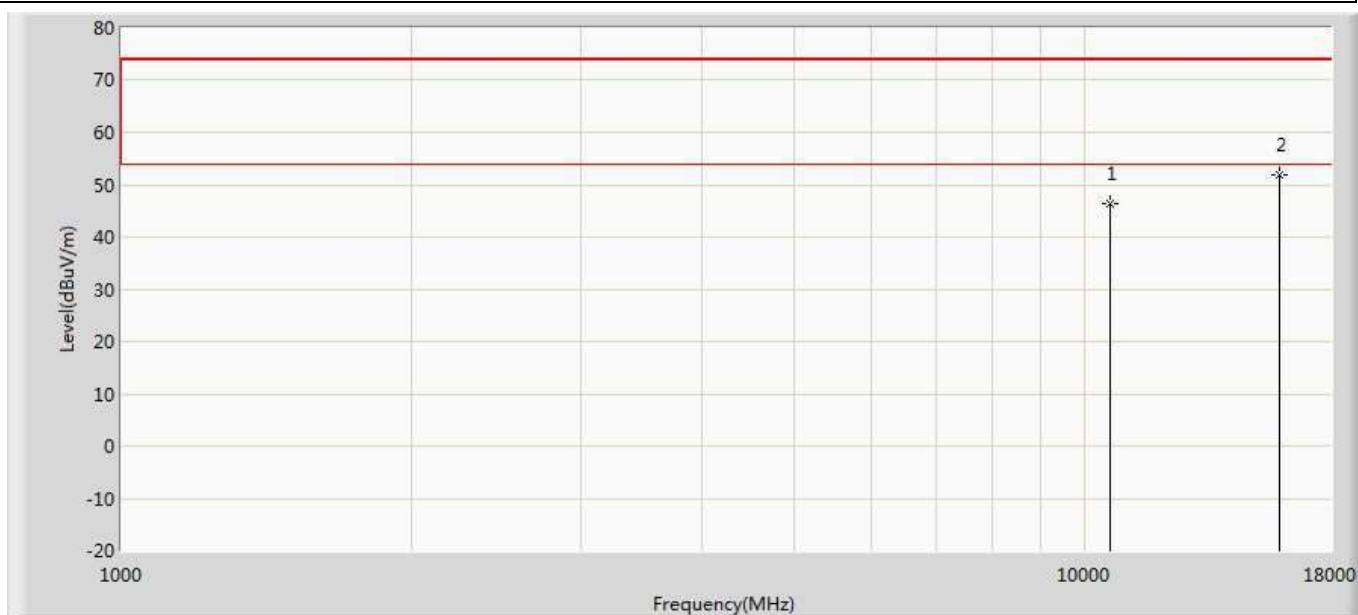
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	45.263	32.733	-28.737	74.000	12.530	PK
2	*	15810.000	50.780	32.549	-23.220	74.000	18.232	PK

Profile: 2040625R	Page No.: 170
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270MHz by 802.11n(40MHz)	



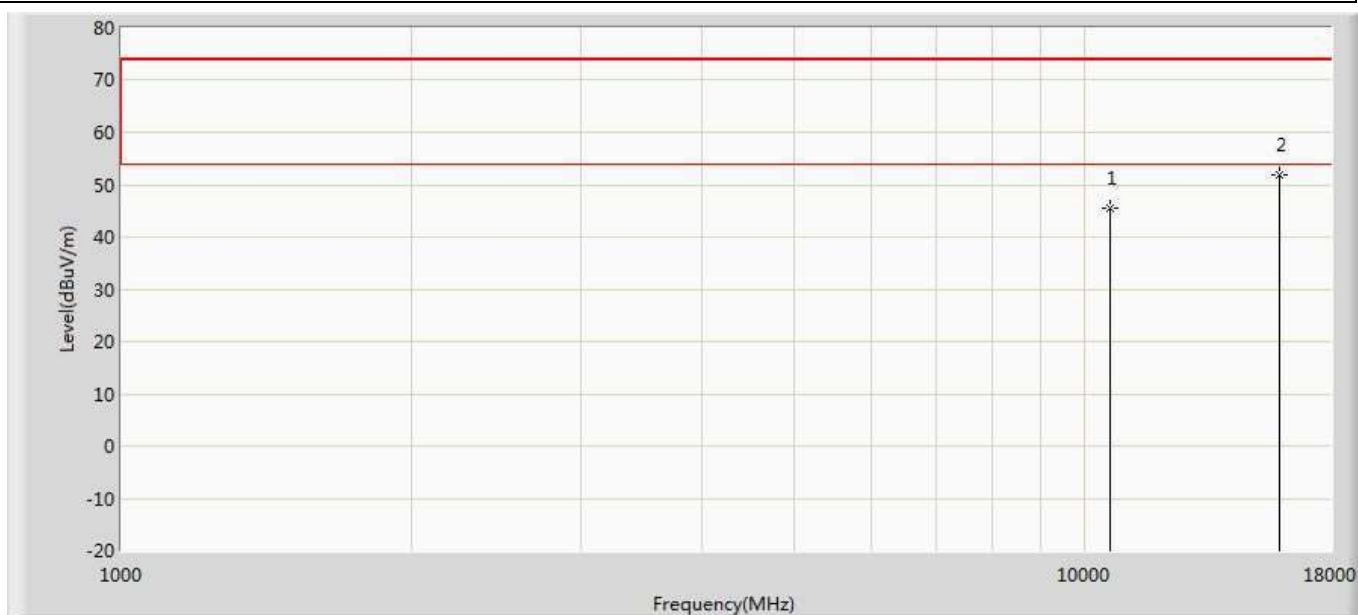
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	46.099	33.569	-27.901	74.000	12.530	PK
2	*	15810.000	50.290	32.059	-23.710	74.000	18.232	PK

Profile: 2040625R	Page No.: 171
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



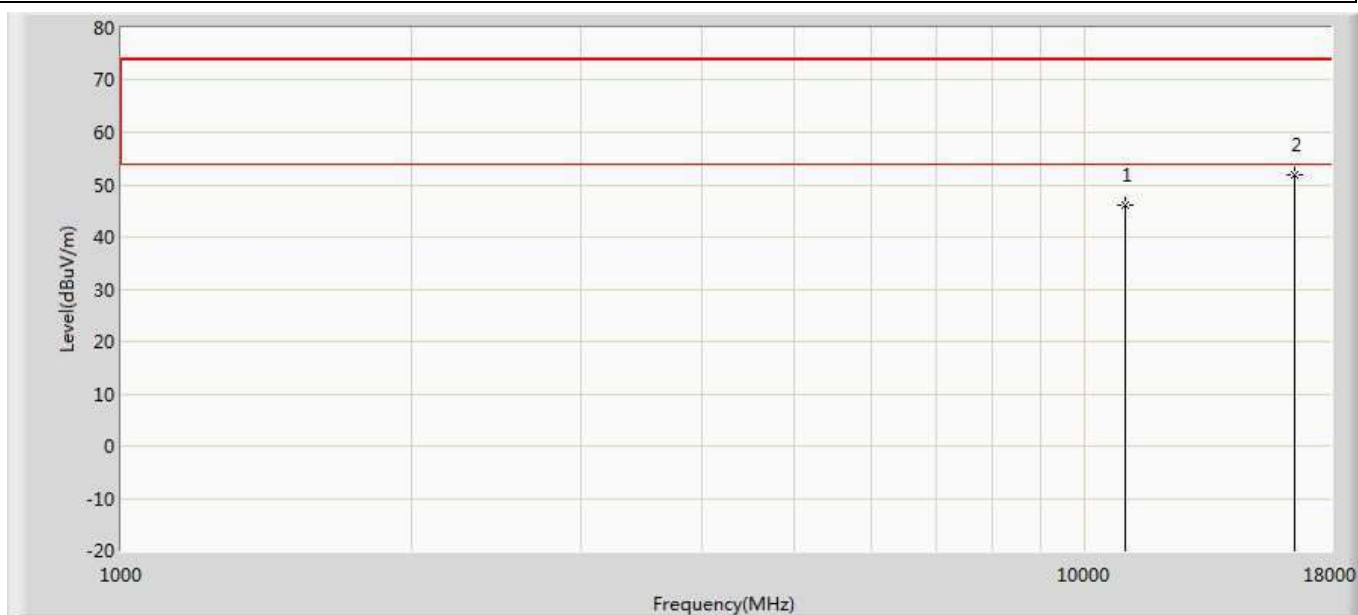
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	46.486	33.497	-27.514	74.000	12.990	PK
2	*	15930.000	51.891	32.677	-22.109	74.000	19.214	PK

Profile: 2040625R	Page No.: 172
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



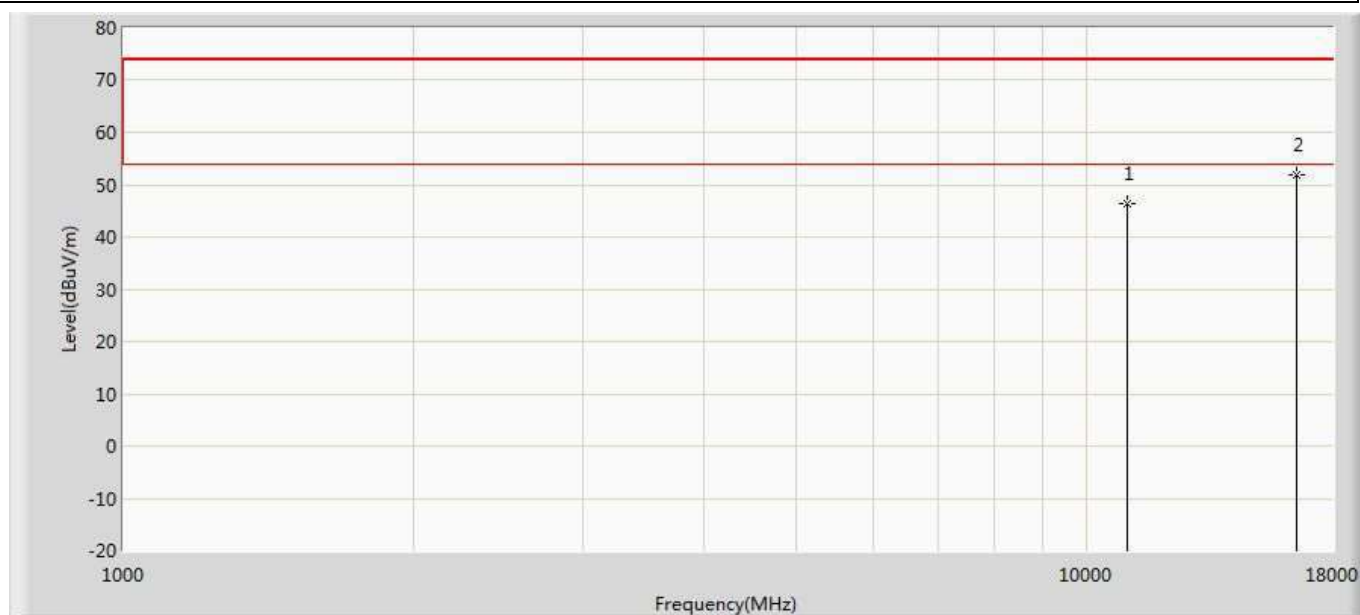
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	45.561	32.572	-28.439	74.000	12.990	PK
2	*	15930.000	51.783	32.569	-22.217	74.000	19.214	PK

Profile: 2040625R	Page No.: 173
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



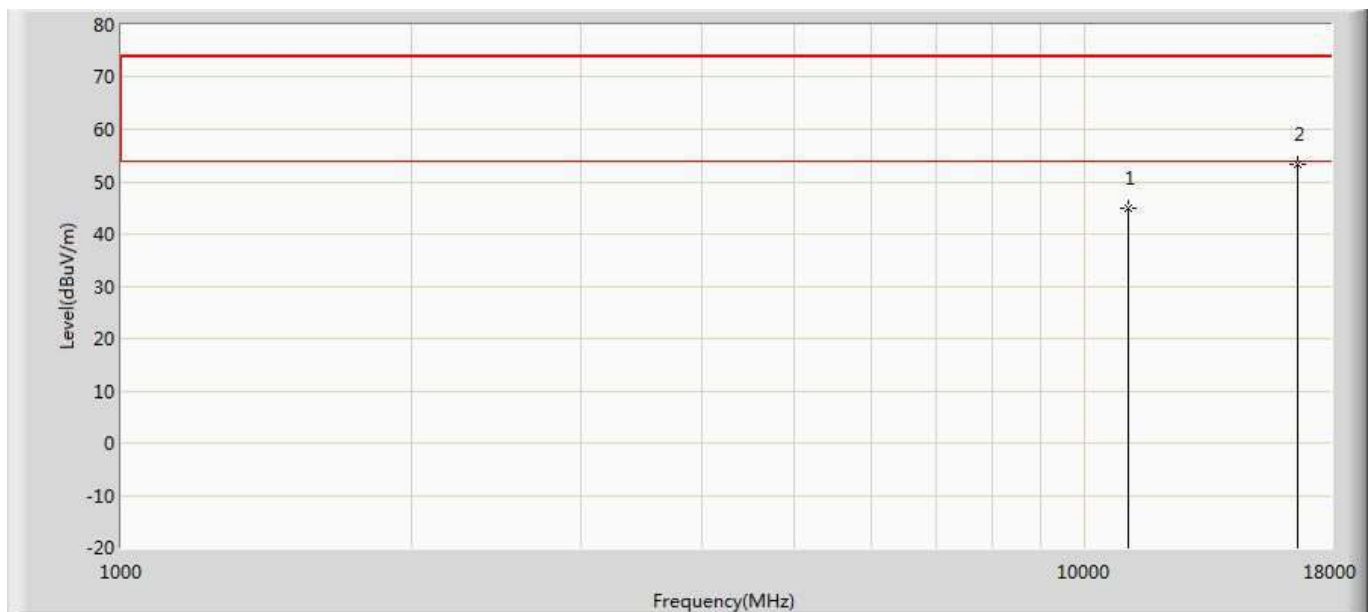
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	46.169	32.743	-27.831	74.000	13.425	PK
2	*	16530.000	51.904	33.160	-22.096	74.000	18.744	PK

Profile: 2040625R	Page No.: 174
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



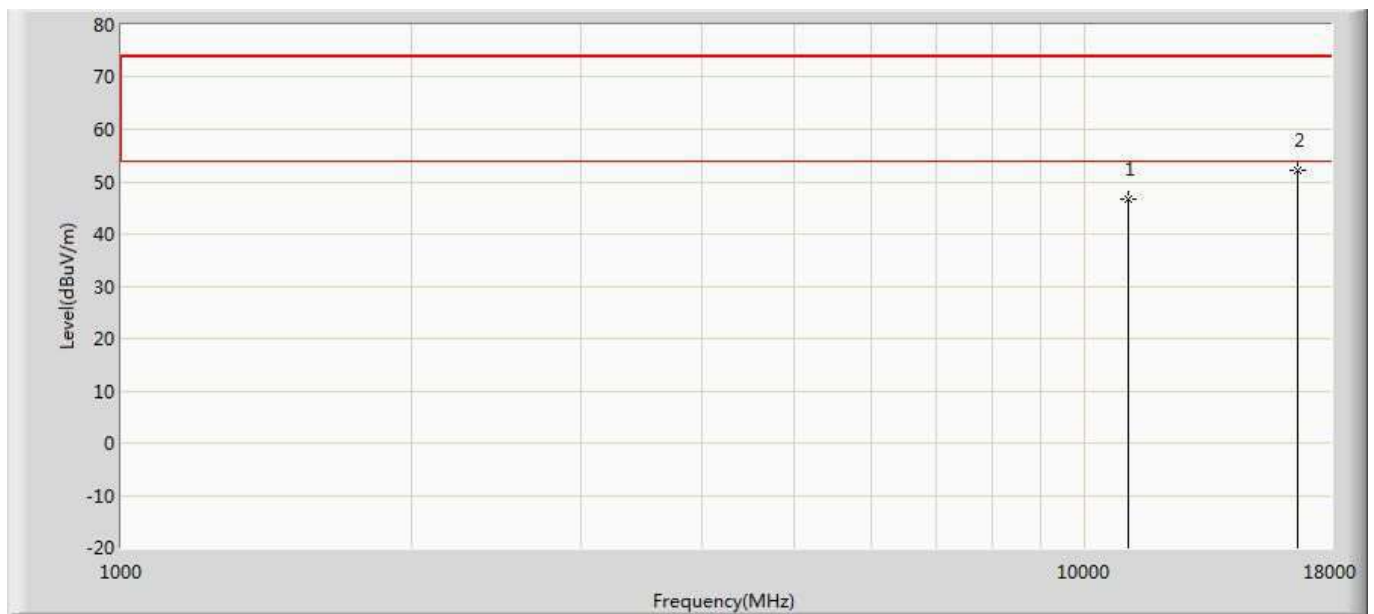
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	46.487	33.061	-27.513	74.000	13.425	PK
2	*	16530.000	51.811	33.067	-22.189	74.000	18.744	PK

Profile: 2040625R	Page No.: 175
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5550MHz by 802.11n(40MHz)	



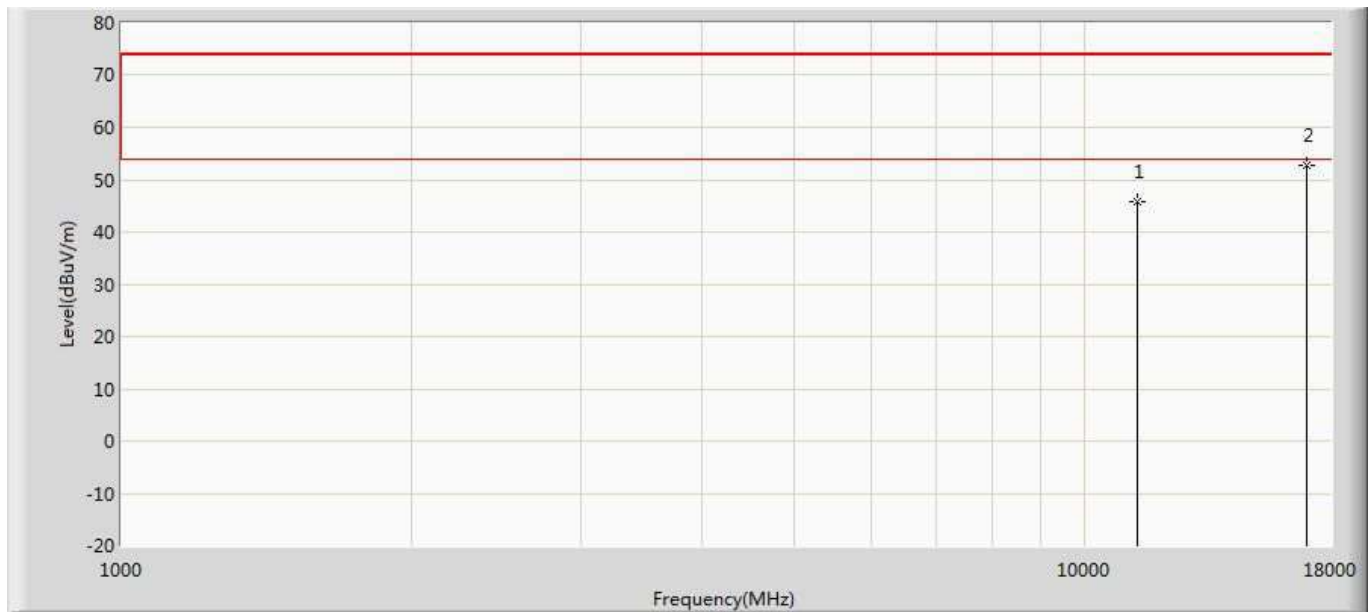
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	44.871	31.249	-29.129	74.000	13.623	PK
2	*	16650.000	53.376	33.644	-20.624	74.000	19.732	PK

Profile: 2040625R	Page No.: 176
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5550MHz by 802.11n(40MHz)	



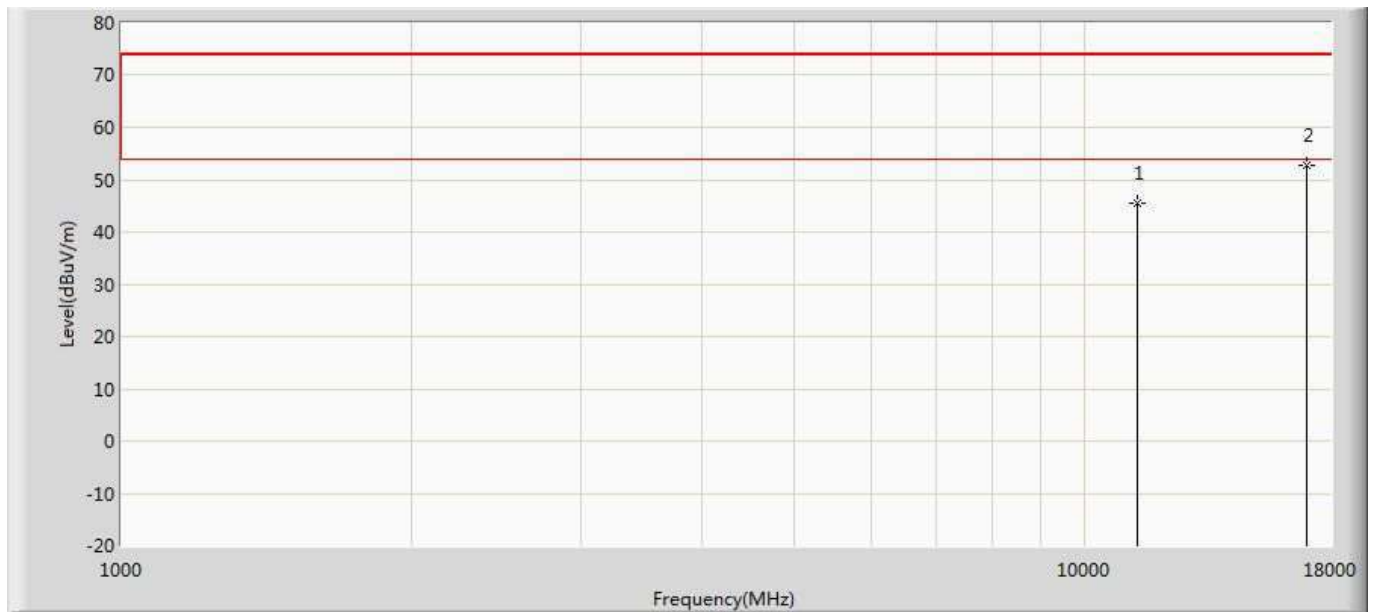
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.586	32.964	-27.414	74.000	13.623	PK
2	*	16650.000	52.305	32.573	-21.695	74.000	19.732	PK

Profile: 2040625R	Page No.: 177
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5670MHz by 802.11n(40MHz)	



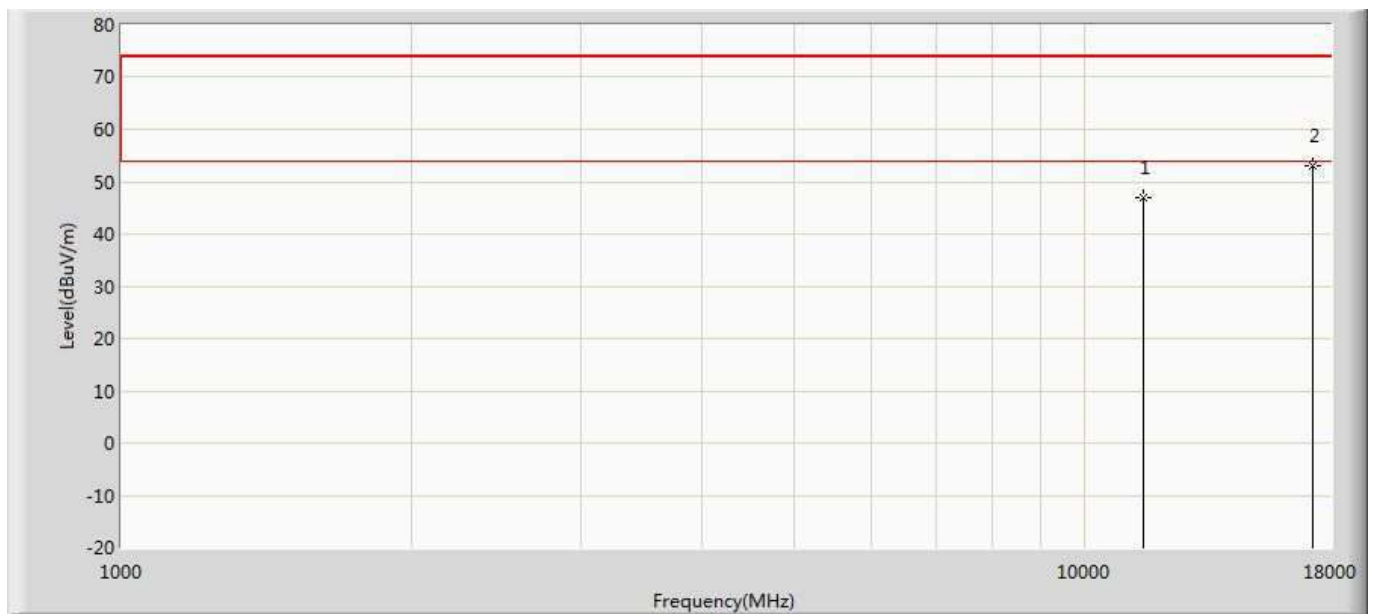
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.802	31.835	-28.198	74.000	13.967	PK
2	*	17010.000	52.749	32.717	-21.251	74.000	20.033	PK

Profile: 2040625R	Page No.: 178
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5670MHz by 802.11n(40MHz)	



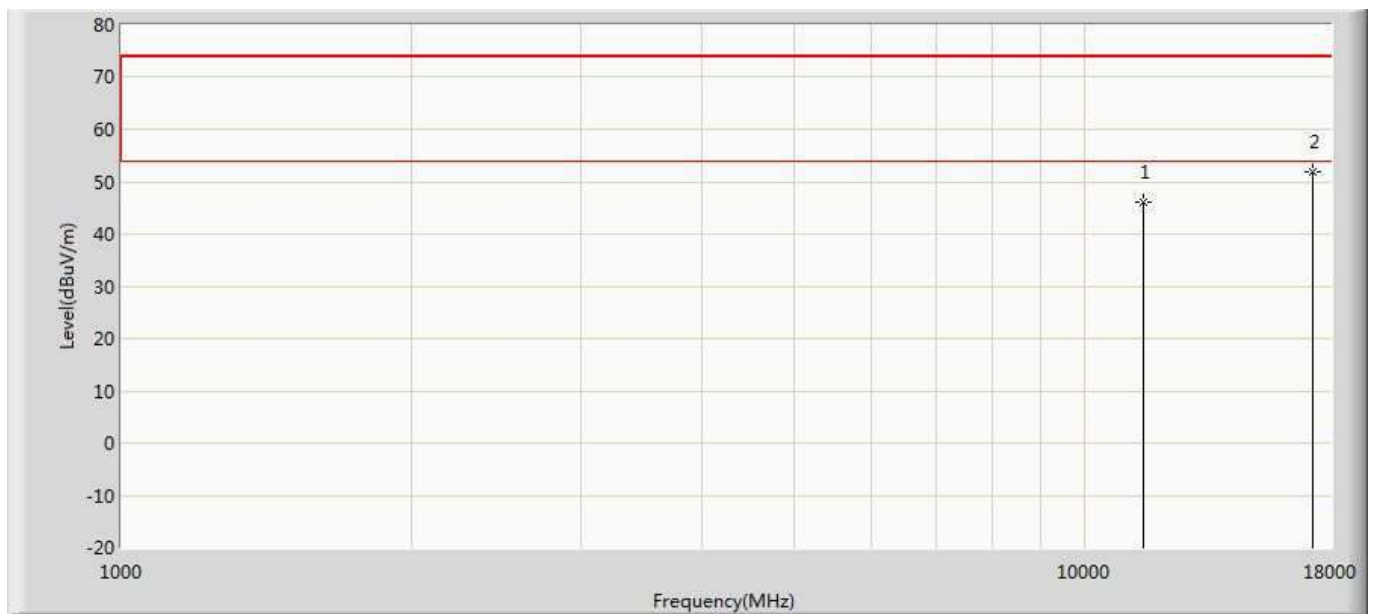
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.536	31.569	-28.464	74.000	13.967	PK
2	*	17010.000	52.837	32.805	-21.163	74.000	20.033	PK

Profile: 2040625R	Page No.: 179
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



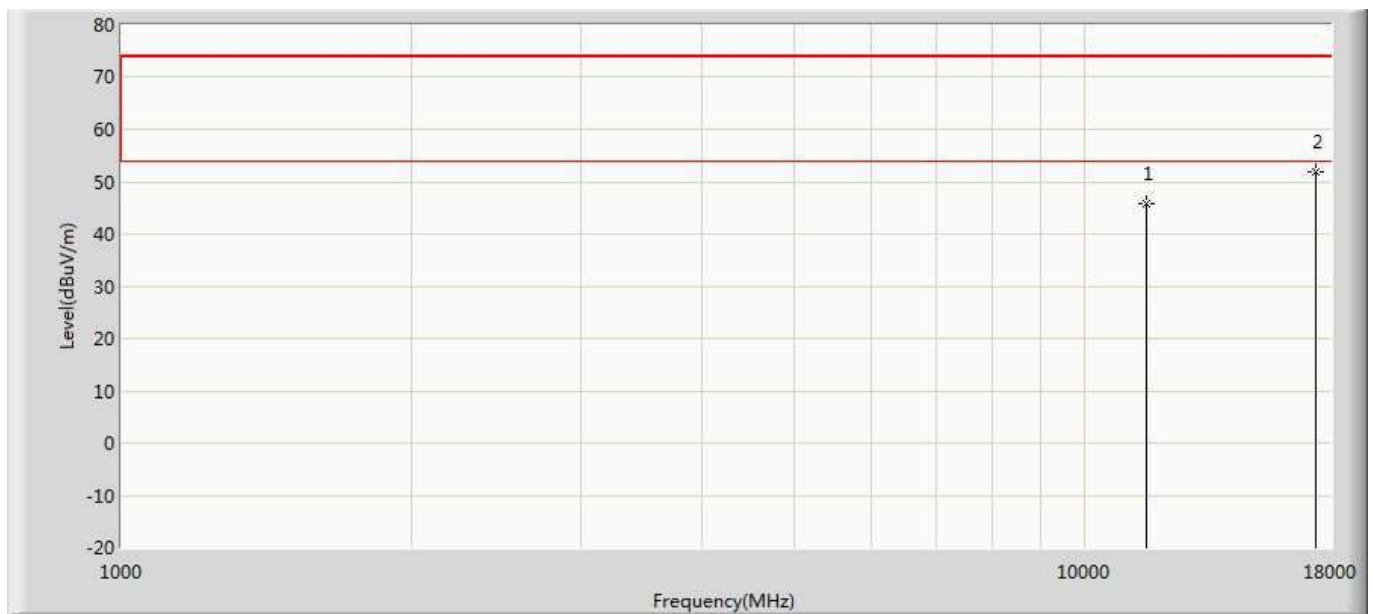
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.025	32.535	-26.975	74.000	14.490	PK
2	*	17265.000	53.154	32.554	-20.846	74.000	20.600	PK

Profile: 2040625R	Page No.: 180
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



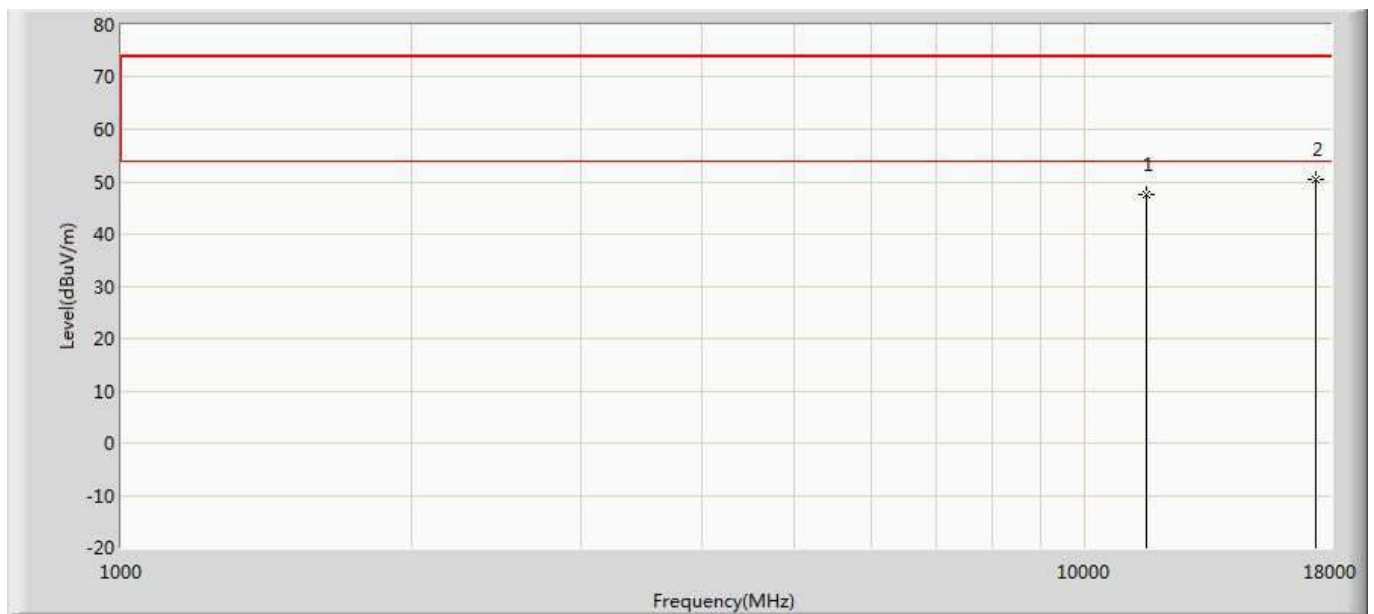
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	46.001	31.511	-27.999	74.000	14.490	PK
2	*	17265.000	51.986	31.386	-22.014	74.000	20.600	PK

Profile: 2040625R	Page No.: 181
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



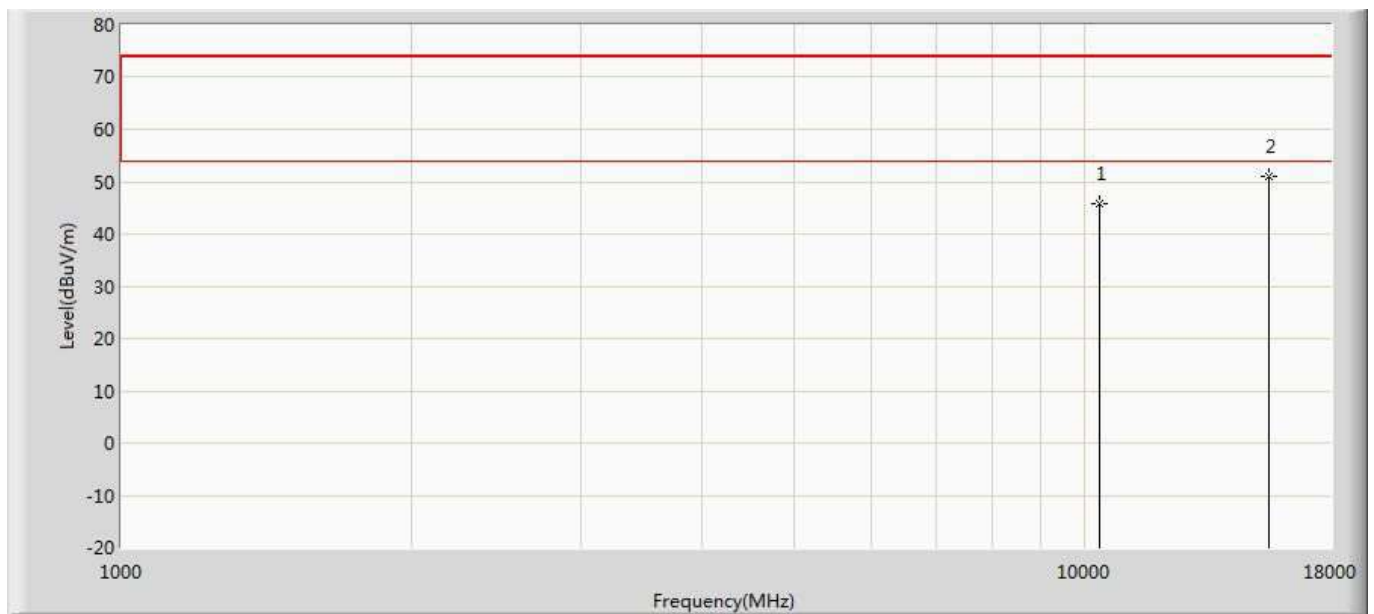
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	45.842	30.797	-28.158	74.000	15.045	PK
2	*	17385.000	51.780	31.864	-22.220	74.000	19.916	PK

Profile: 2040625R	Page No.: 182
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



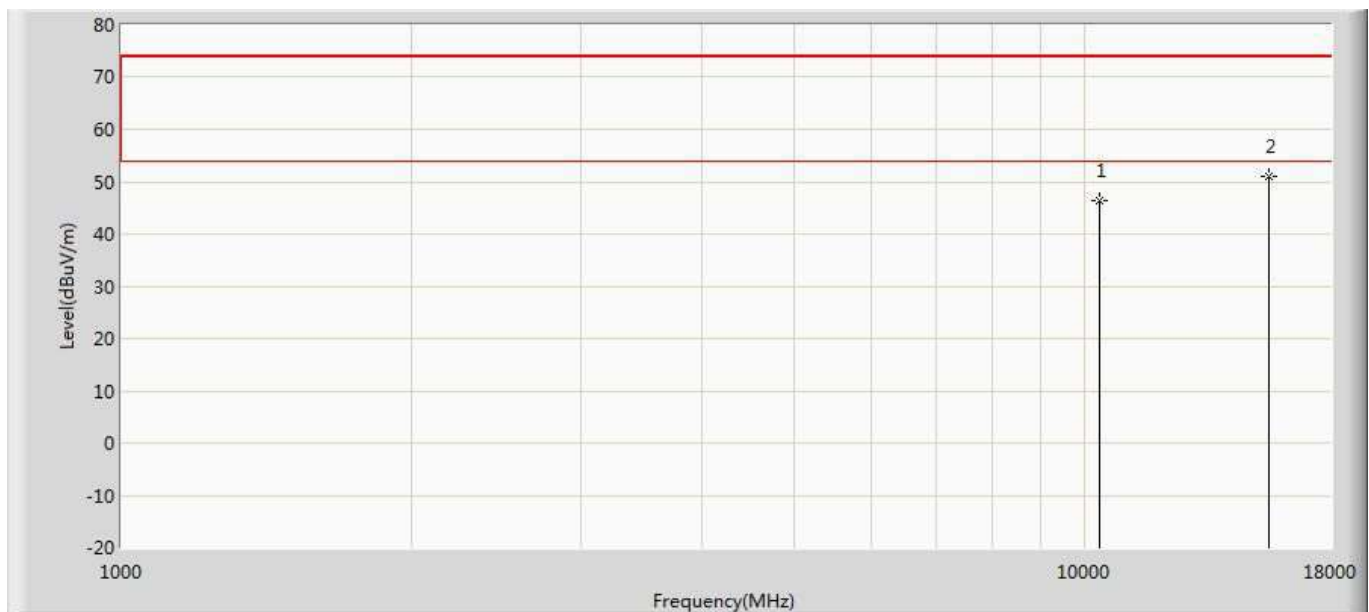
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	47.483	32.438	-26.517	74.000	15.045	PK
2	*	17385.000	50.303	30.387	-23.697	74.000	19.916	PK

Profile: 2040625R	Page No.: 183
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



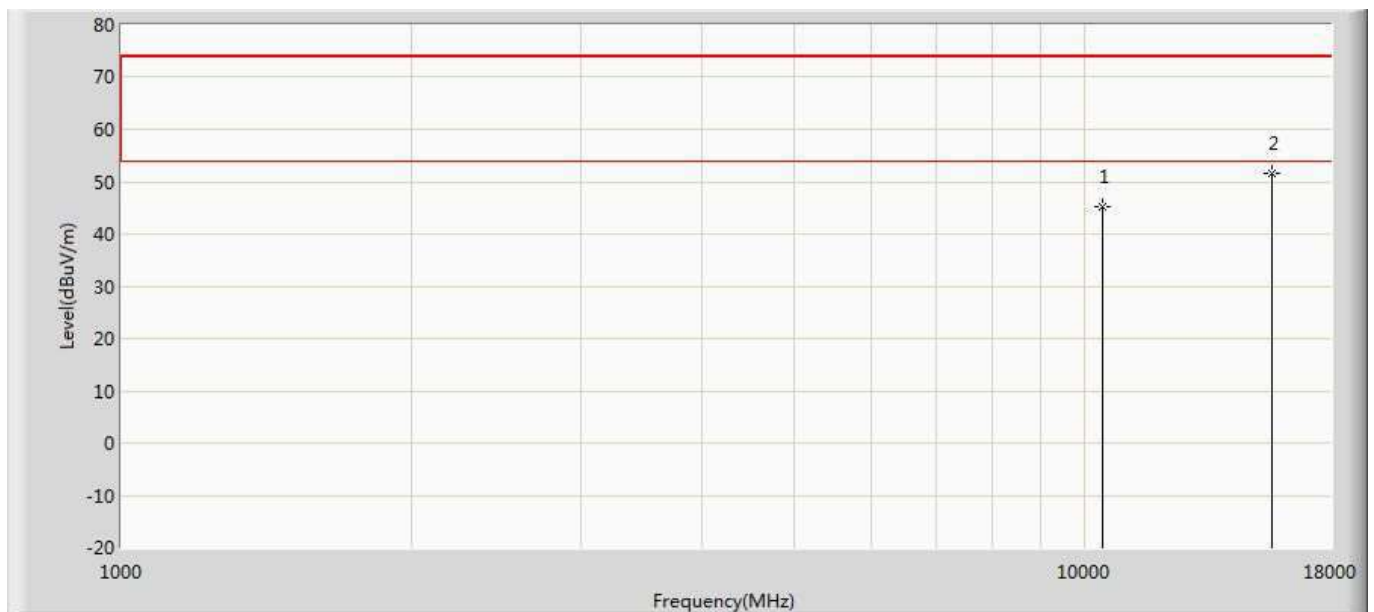
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.941	34.183	-28.059	74.000	11.757	PK
2	*	15540.000	50.945	33.474	-23.055	74.000	17.471	PK

Profile: 2040625R	Page No.: 184
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



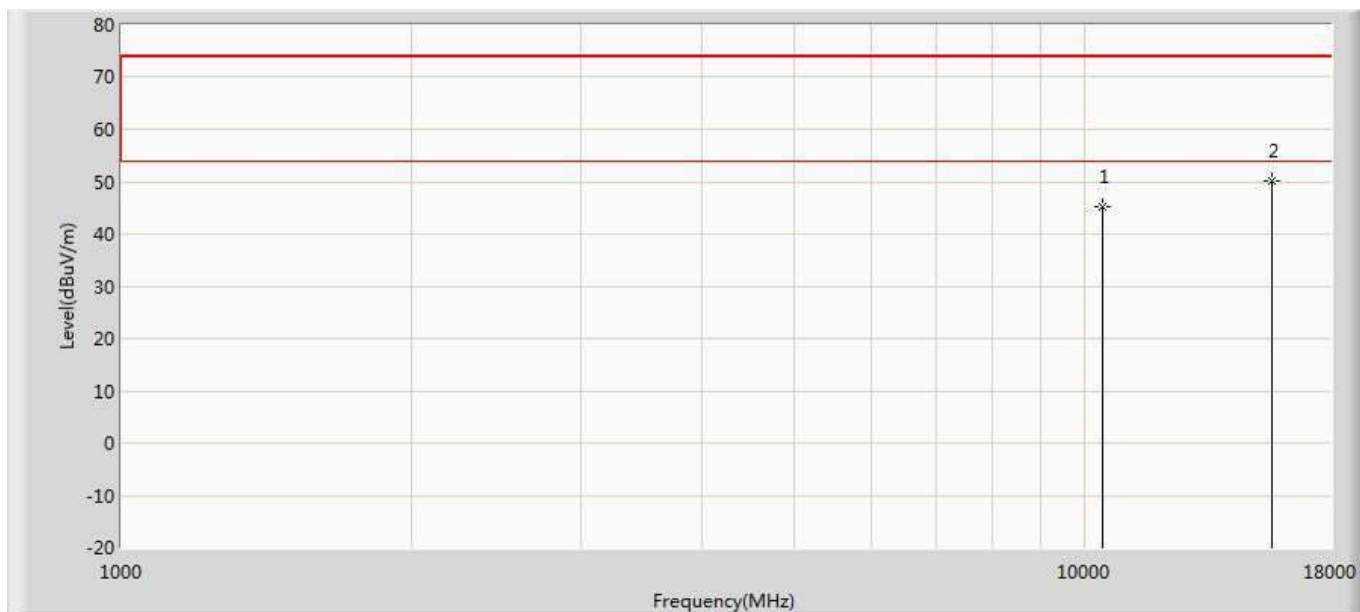
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	46.330	34.572	-27.670	74.000	11.757	PK
2	*	15540.000	51.089	33.618	-22.911	74.000	17.471	PK

Profile: 2040625R	Page No.: 185
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5220MHz by 802.11ac(20MHz)	



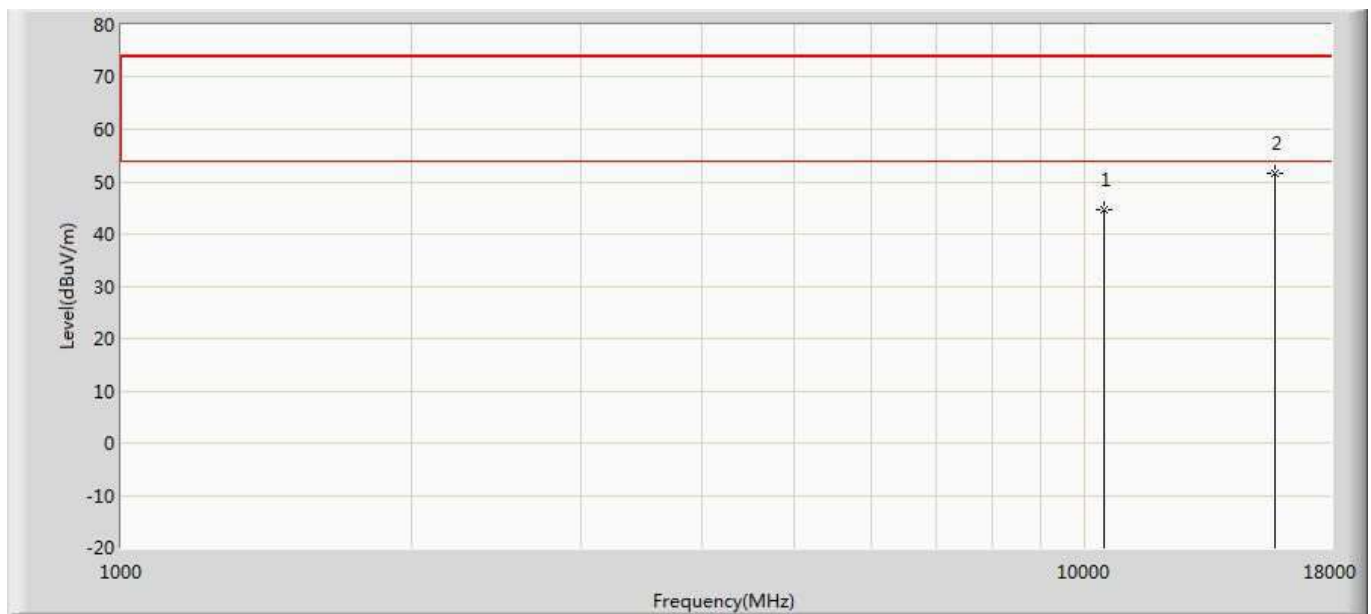
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.258	32.907	-28.742	74.000	12.351	PK
2	*	15660.000	51.709	34.182	-22.291	74.000	17.527	PK

Profile: 2040625R	Page No.: 186
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5220MHz by 802.11ac(20MHz)	



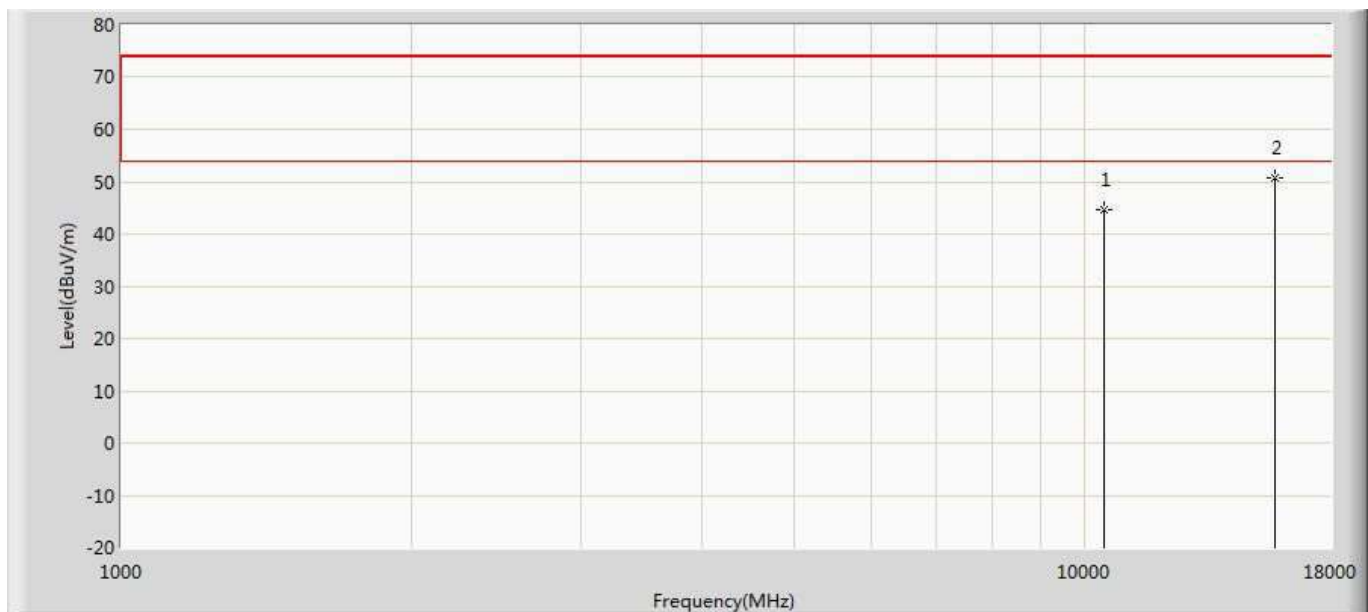
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.137	32.786	-28.863	74.000	12.351	PK
2	*	15660.000	50.221	32.694	-23.779	74.000	17.527	PK

Profile: 2040625R	Page No.: 187
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5240MHz by 802.11ac(20MHz)	



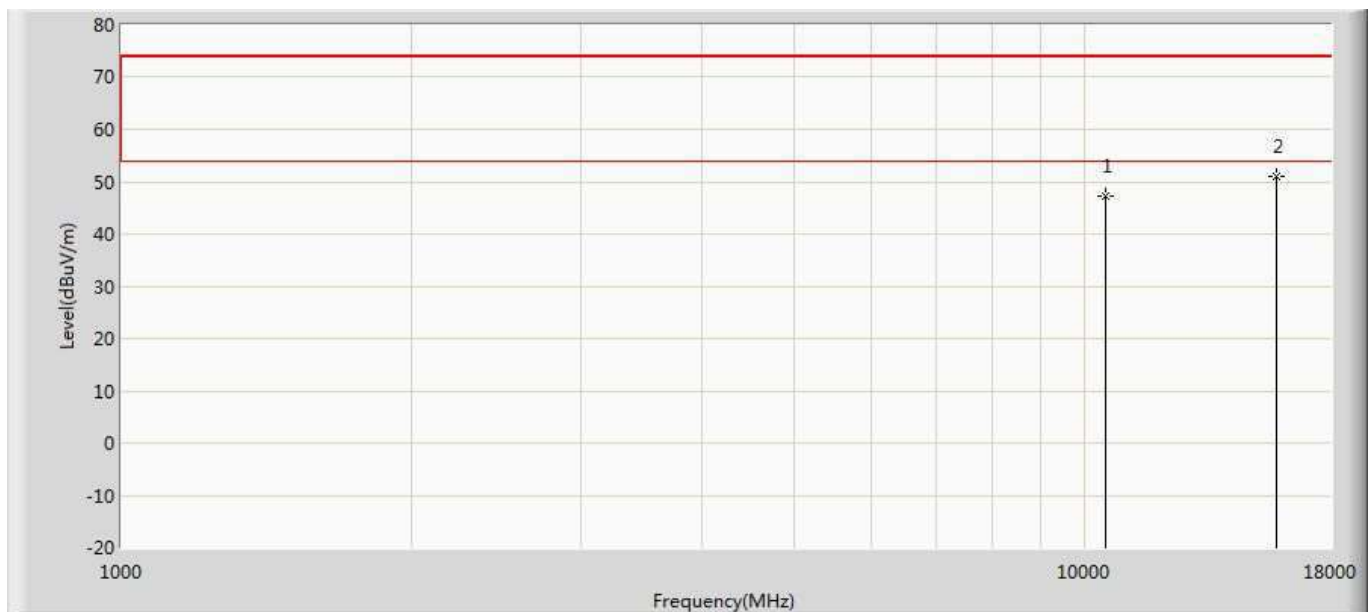
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.764	32.697	-29.236	74.000	12.068	PK
2	*	15720.000	51.505	33.354	-22.495	74.000	18.152	PK

Profile: 2040625R	Page No.: 188
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5240MHz by 802.11ac(20MHz)	



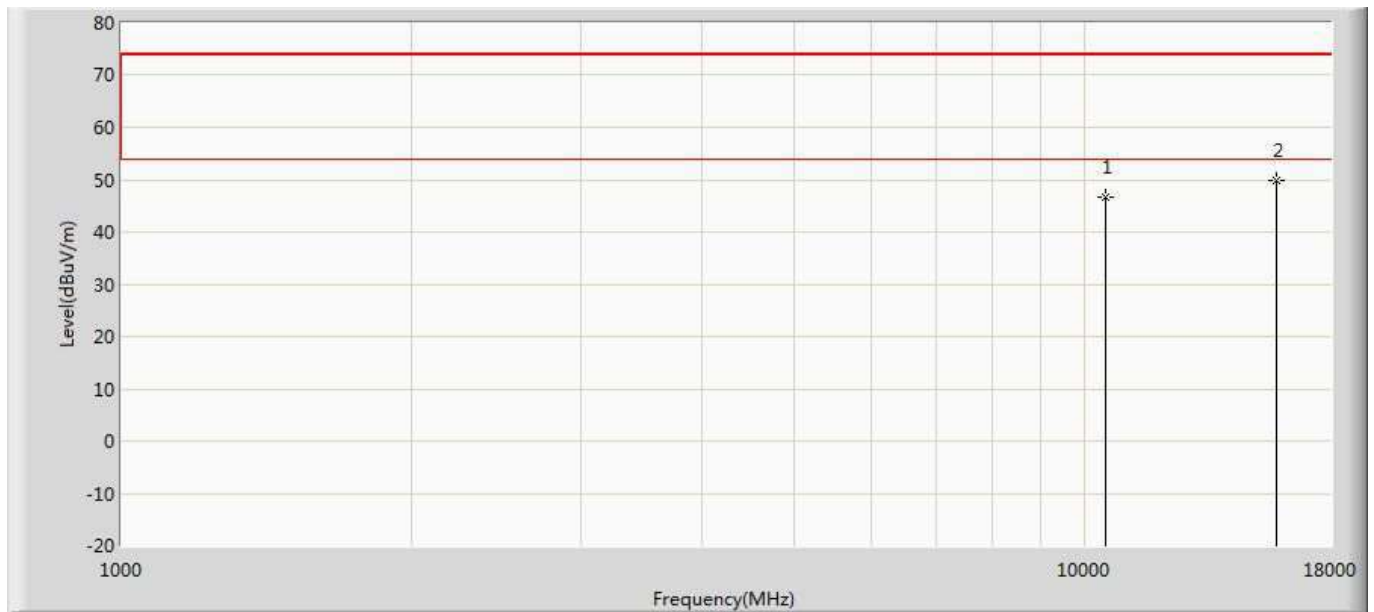
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.637	32.570	-29.363	74.000	12.068	PK
2	*	15720.000	50.669	32.518	-23.331	74.000	18.152	PK

Profile: 2040625R	Page No.: 189
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5260MHz by 802.11ac(20MHz)	



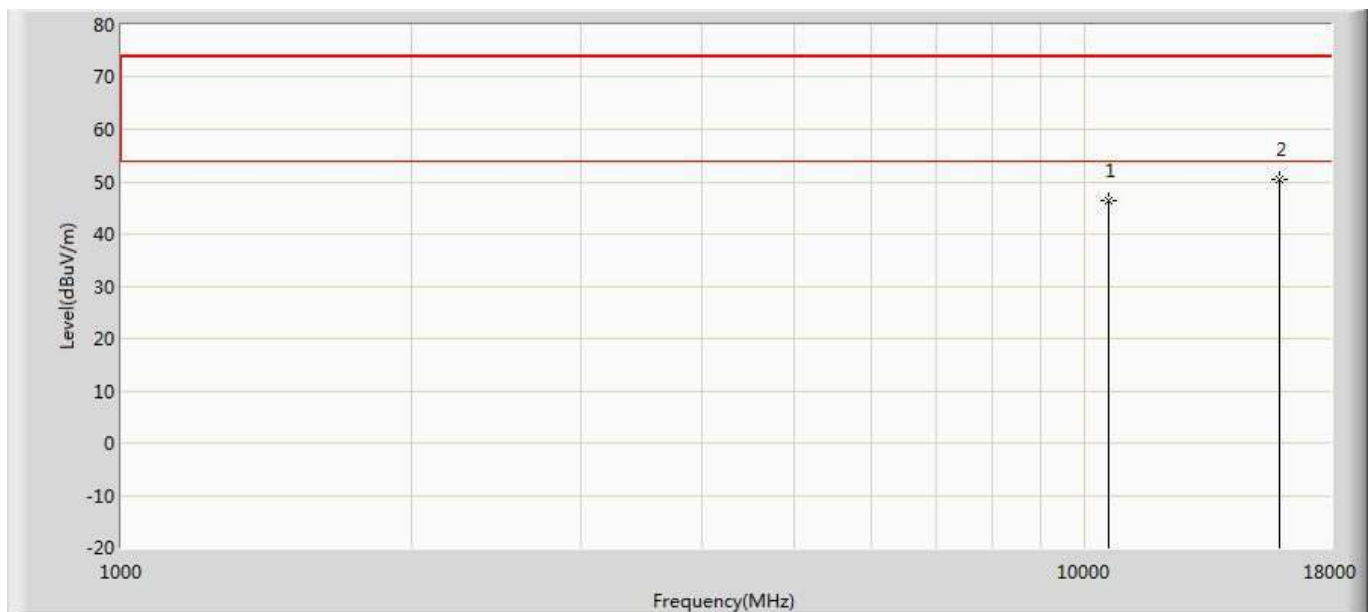
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	47.132	33.938	-26.868	74.000	13.194	PK
2	*	15780.000	51.019	32.648	-22.981	74.000	18.371	PK

Profile: 2040625R	Page No.: 190
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5260MHz by 802.11ac(20MHz)	



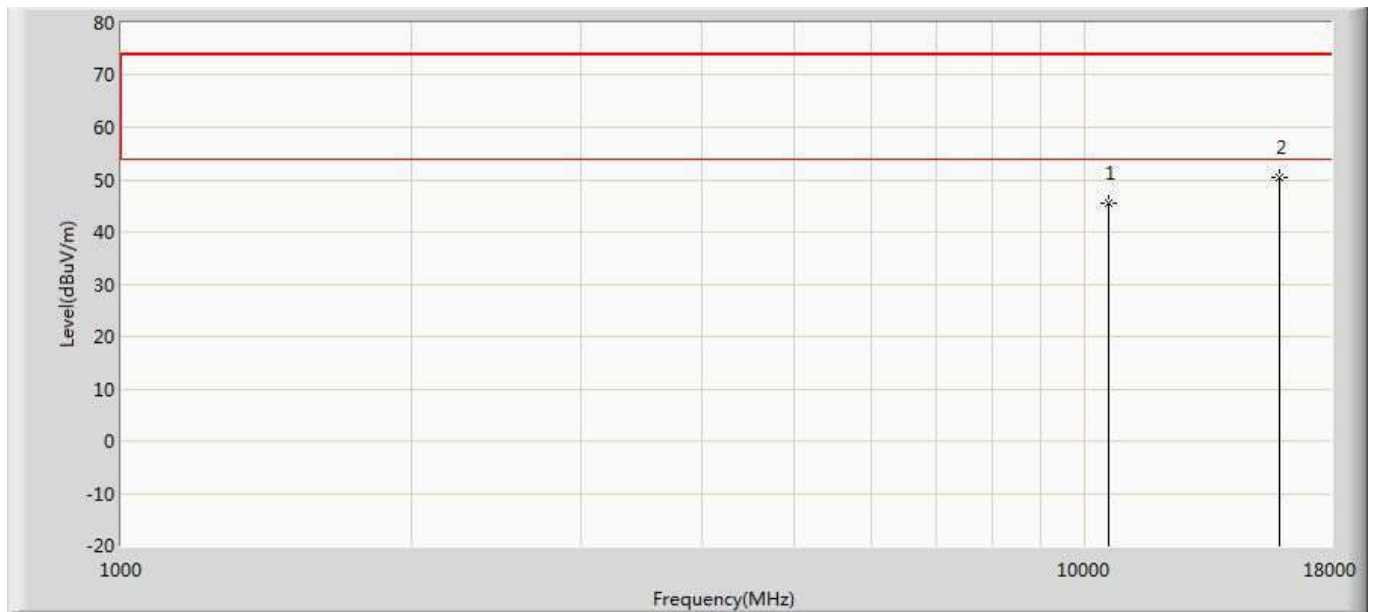
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	46.710	33.516	-27.290	74.000	13.194	PK
2	*	15780.000	49.791	31.420	-24.209	74.000	18.371	PK

Profile: 2040625R	Page No.: 191
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5300MHz by 802.11ac(20MHz)	



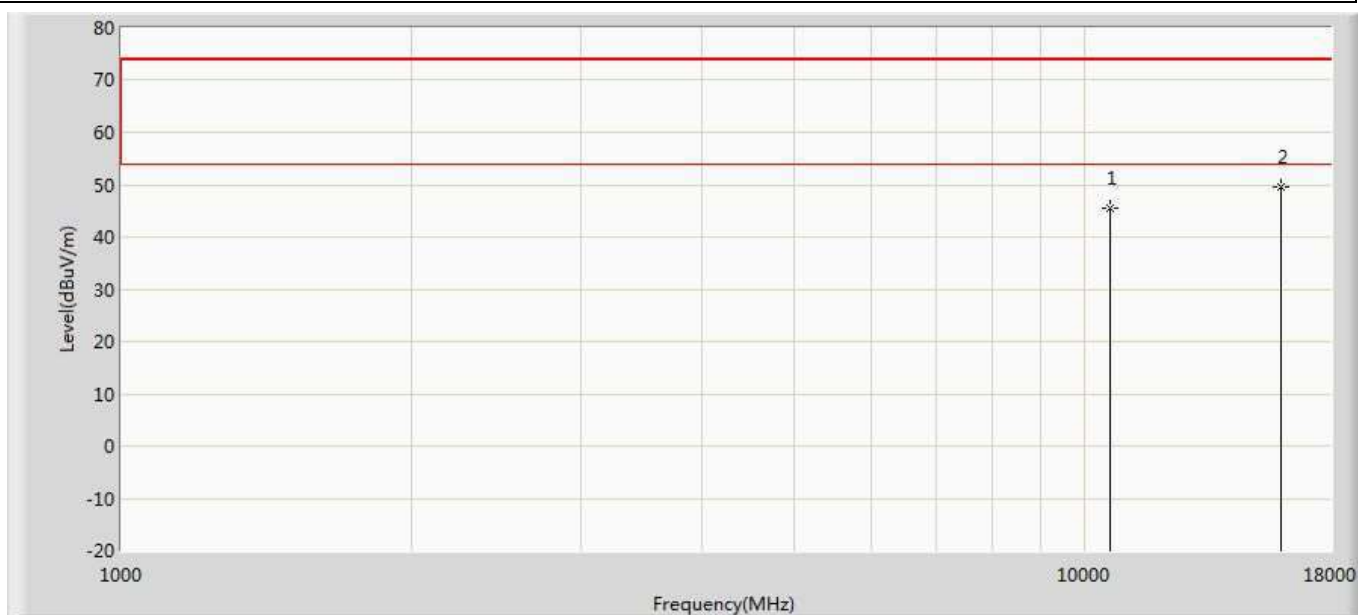
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	46.375	34.111	-27.625	74.000	12.263	PK
2	*	15900.000	50.368	31.963	-23.632	74.000	18.405	PK

Profile: 2040625R	Page No.: 192
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5300MHz by 802.11ac(20MHz)	



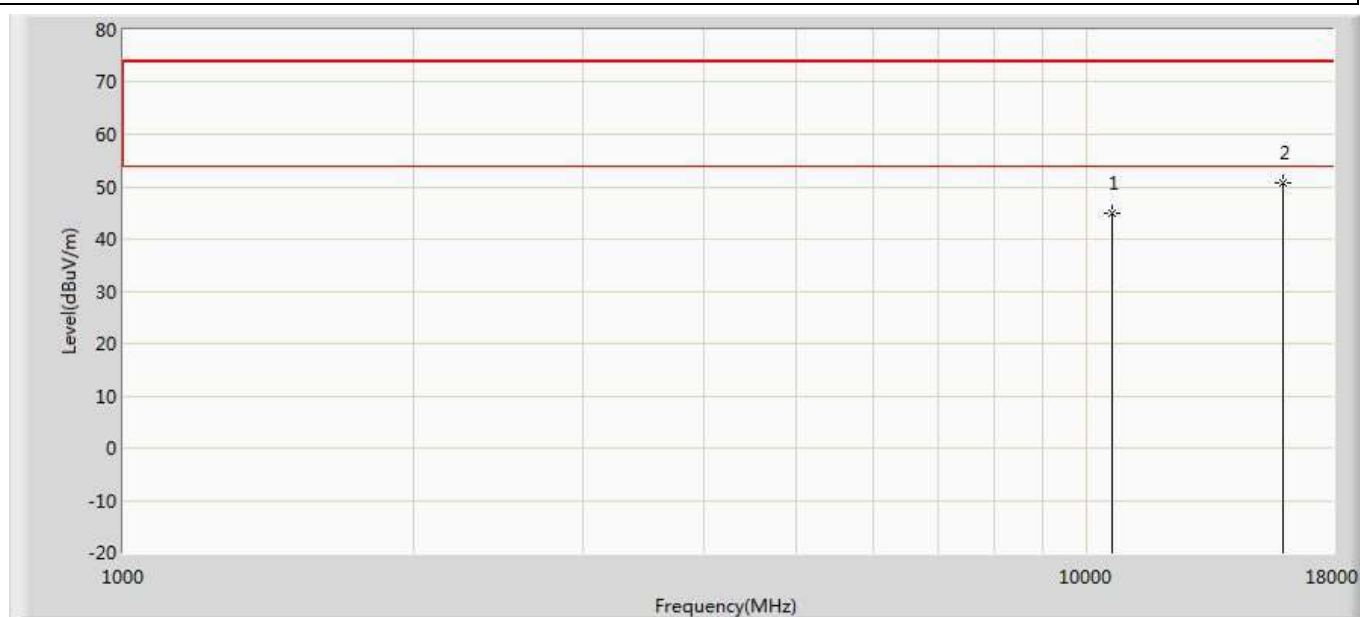
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10600.000	45.637	33.373	-28.363	74.000	12.263	PK
2	*	15900.000	50.557	32.152	-23.443	74.000	18.405	PK

Profile: 2040625R	Page No.: 193
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



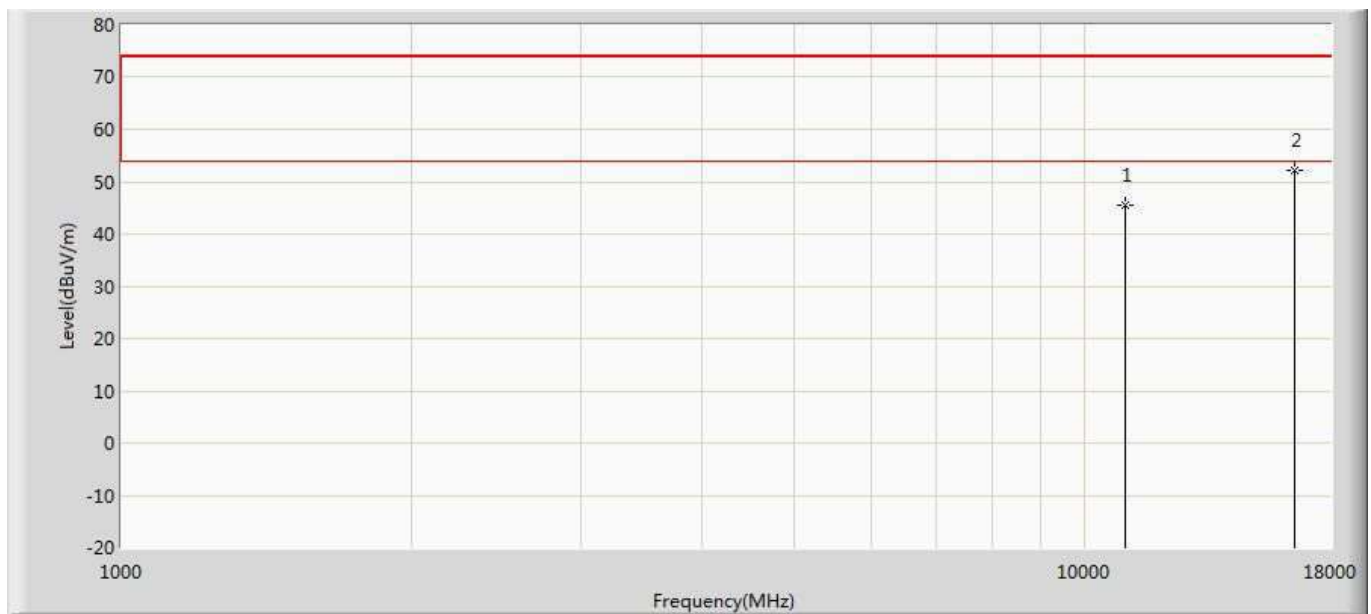
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	45.521	33.443	-28.479	74.000	12.077	PK
2	*	15960.000	49.528	31.497	-24.472	74.000	18.031	PK

Profile: 2040625R	Page No.: 194
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



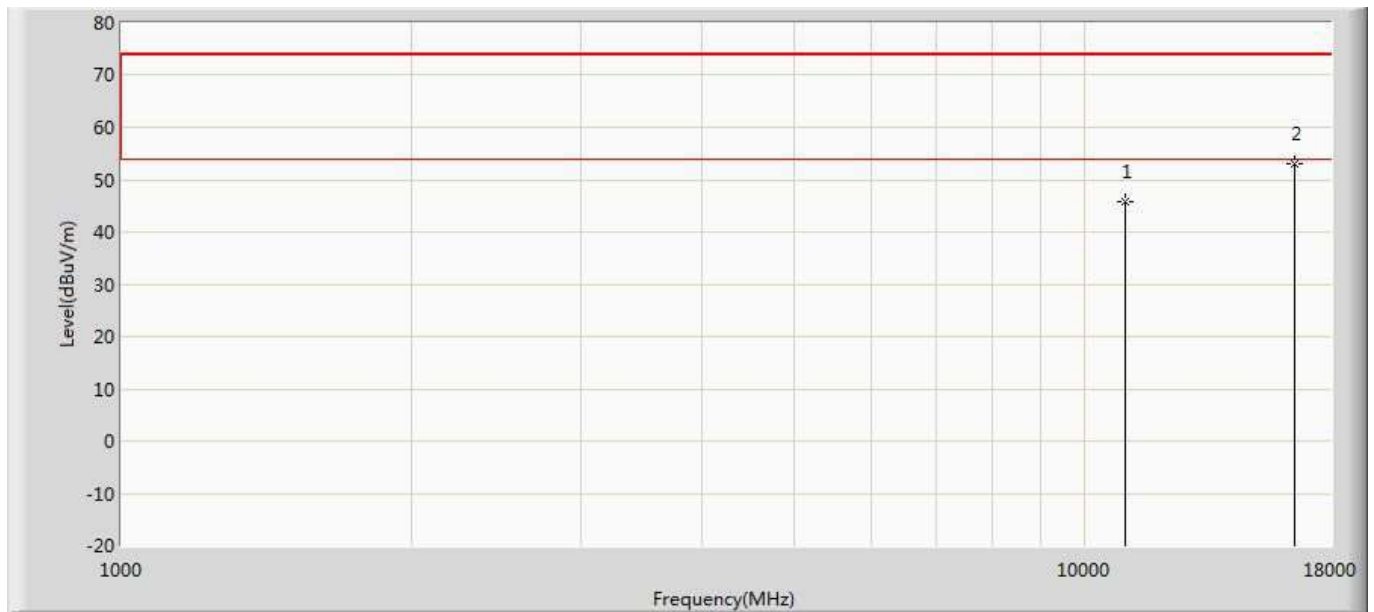
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10640.000	45.034	32.956	-28.966	74.000	12.077	PK
2	*	15960.000	50.646	32.615	-23.354	74.000	18.031	PK

Profile: 2040625R	Page No.: 195
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



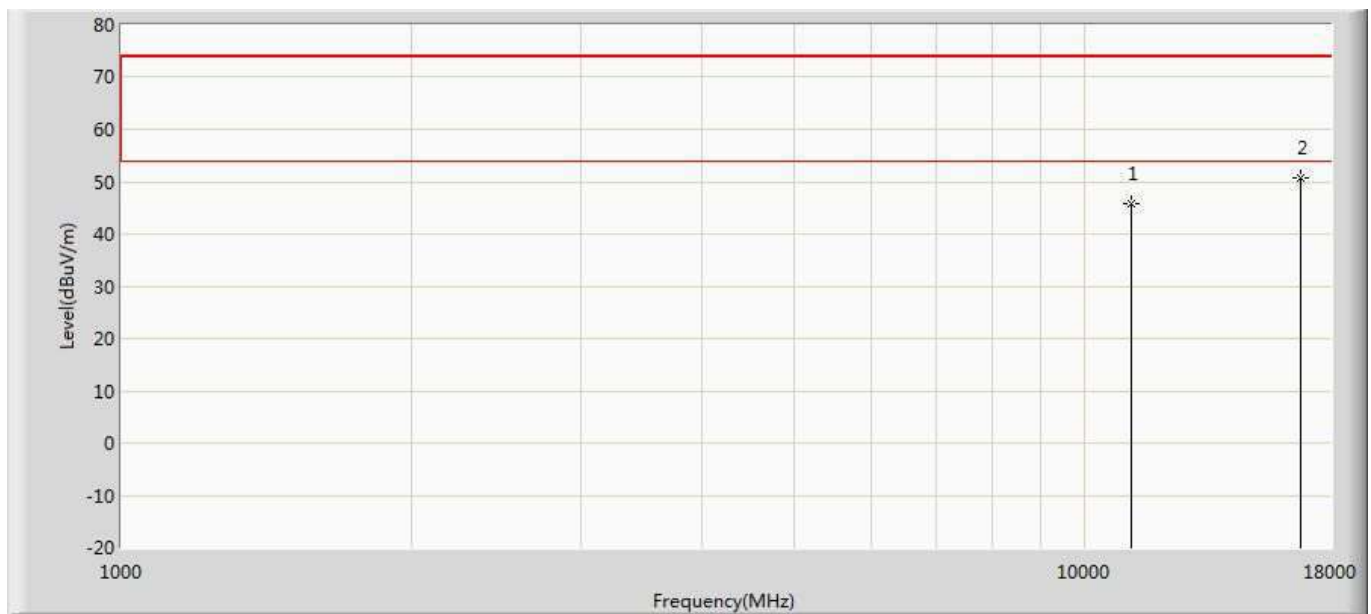
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	45.508	32.486	-28.492	74.000	13.021	PK
2	*	16500.000	52.277	33.396	-21.723	74.000	18.881	PK

Profile: 2040625R	Page No.: 196
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



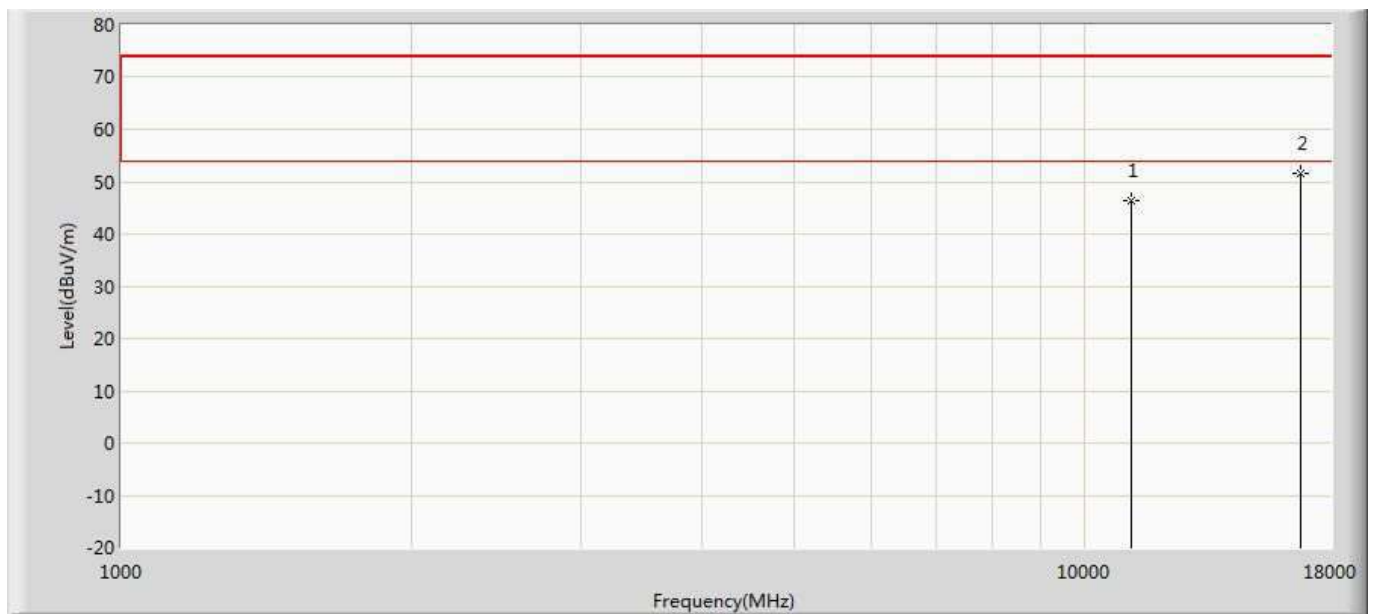
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11000.000	45.792	32.770	-28.208	74.000	13.021	PK
2	*	16500.000	52.953	34.072	-21.047	74.000	18.881	PK

Profile: 2040625R	Page No.: 197
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5580MHz by 802.11ac(20MHz)	



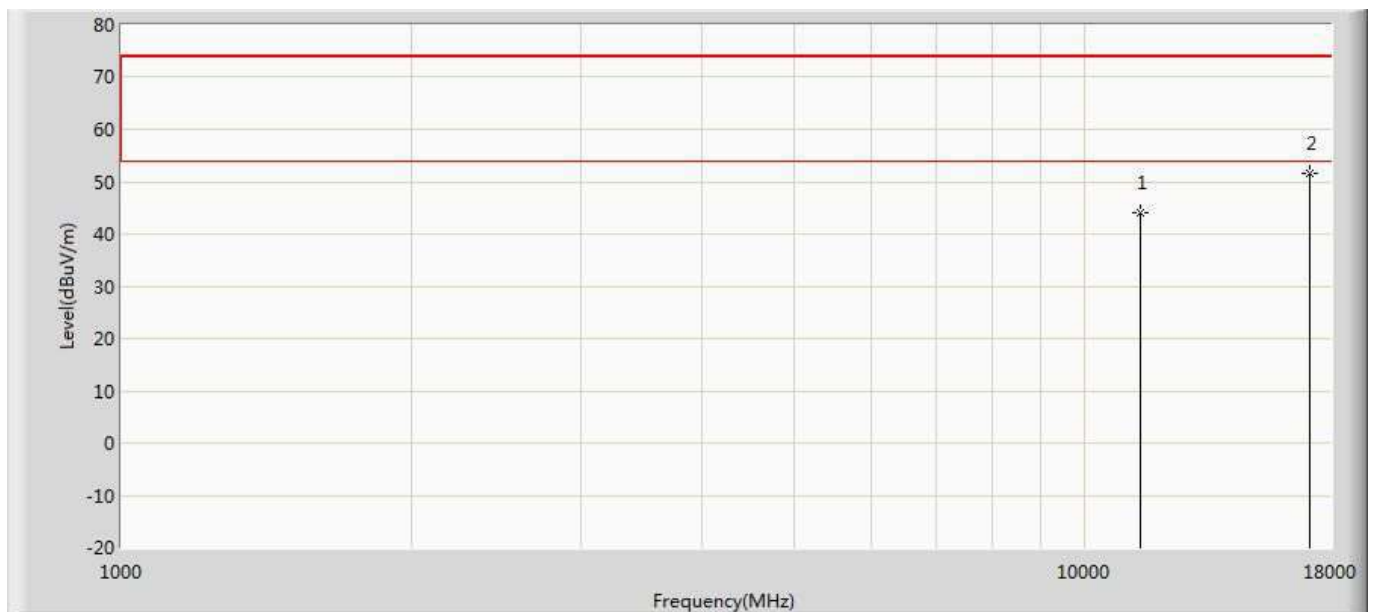
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	45.932	32.096	-28.068	74.000	13.837	PK
2	*	16740.000	50.734	32.249	-23.266	74.000	18.486	PK

Profile: 2040625R	Page No.: 198
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5580MHz by 802.11ac(20MHz)	



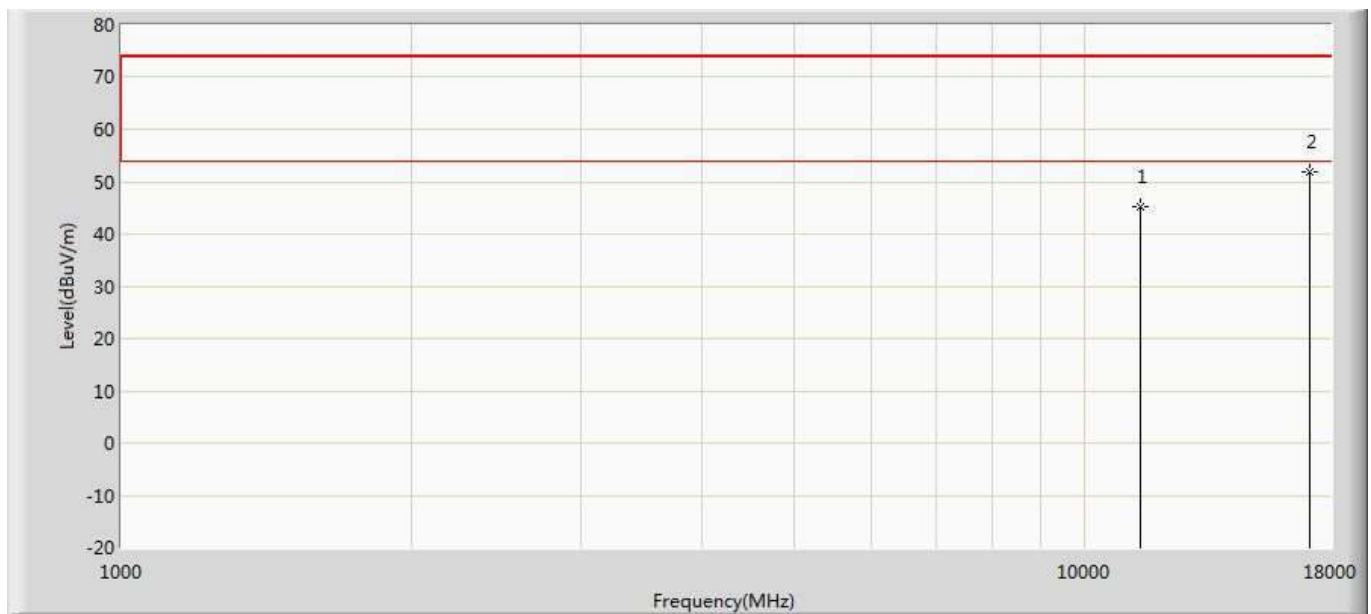
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11160.000	46.355	32.519	-27.645	74.000	13.837	PK
2	*	16740.000	51.456	32.971	-22.544	74.000	18.486	PK

Profile: 2040625R	Page No.: 199
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5700MHz by 802.11ac(20MHz)	



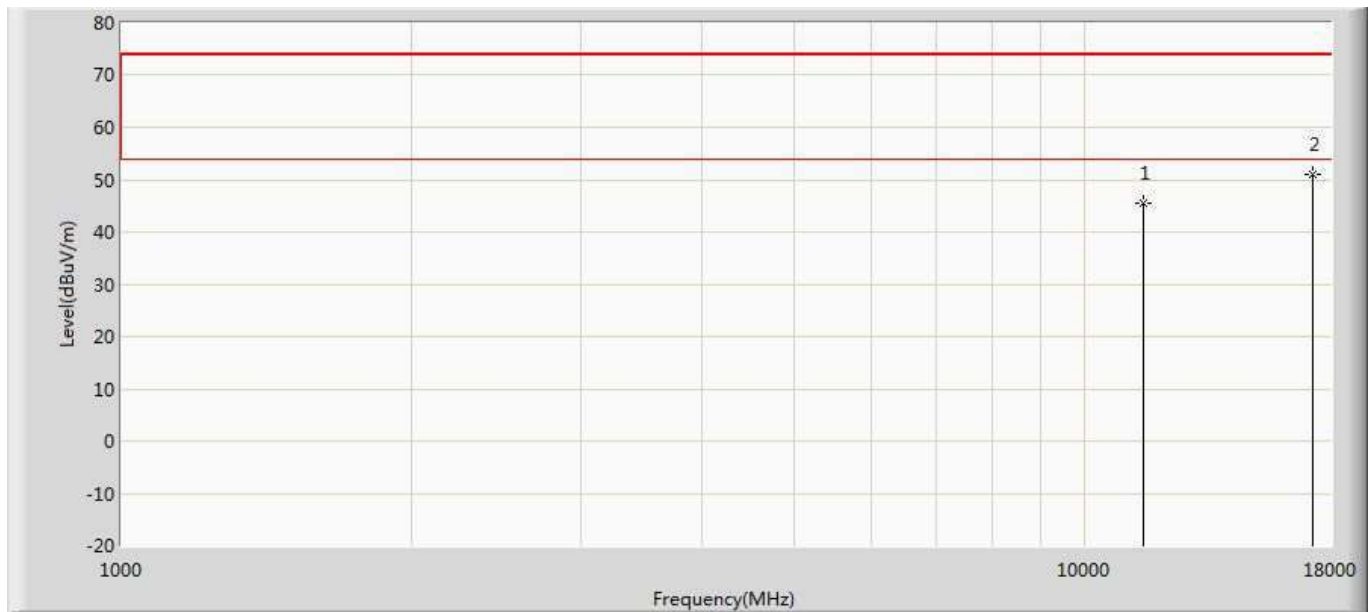
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	44.119	30.158	-29.881	74.000	13.961	PK
2	*	17100.000	51.623	31.791	-22.377	74.000	19.832	PK

Profile: 2040625R	Page No.: 200
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5700MHz by 802.11ac(20MHz)	



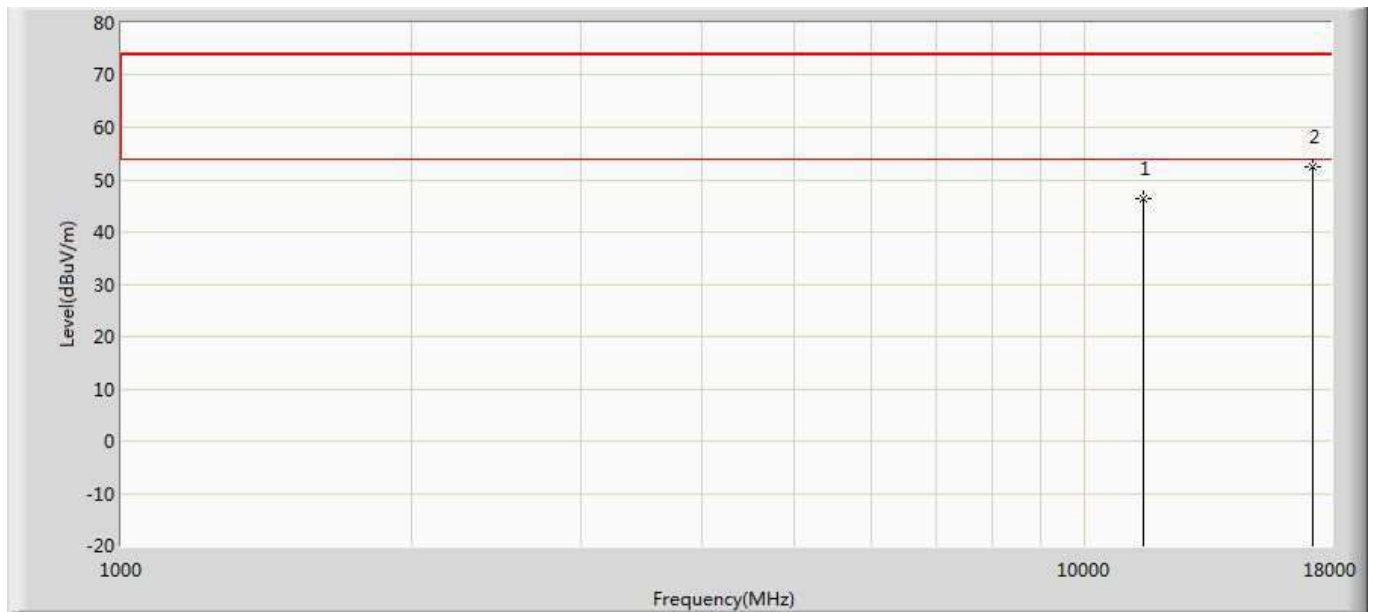
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11400.000	45.130	31.169	-28.870	74.000	13.961	PK
2	*	17100.000	51.797	31.965	-22.203	74.000	19.832	PK

Profile: 2040625R	Page No.: 201
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



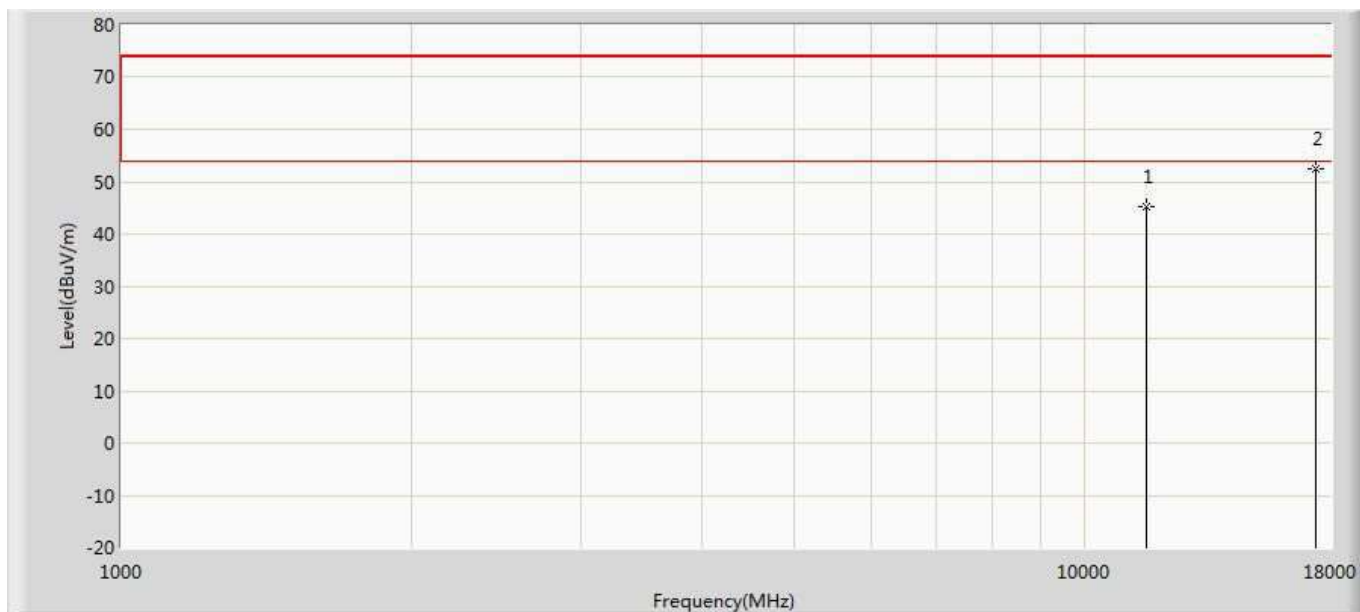
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.539	31.608	-28.461	74.000	13.931	PK
2	*	17235.000	50.896	30.615	-23.104	74.000	20.281	PK

Profile: 2040625R	Page No.: 202
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



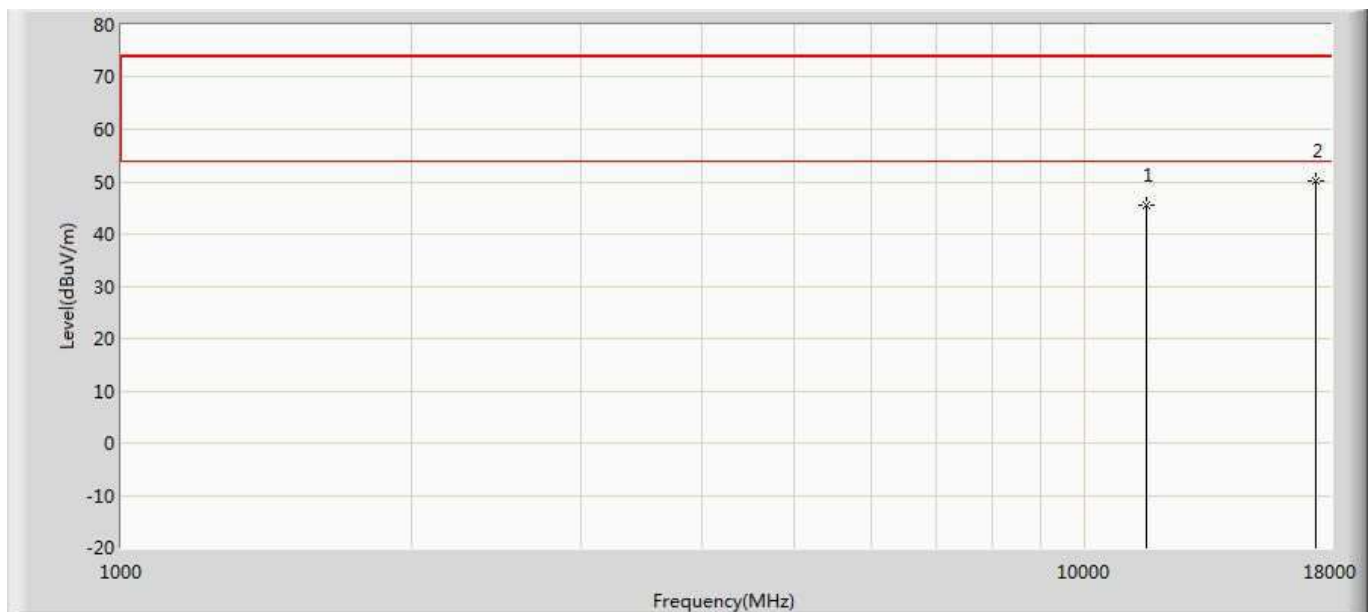
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	46.436	32.505	-27.564	74.000	13.931	PK
2	*	17235.000	52.398	32.117	-21.602	74.000	20.281	PK

Profile: 2040625R	Page No.: 203
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



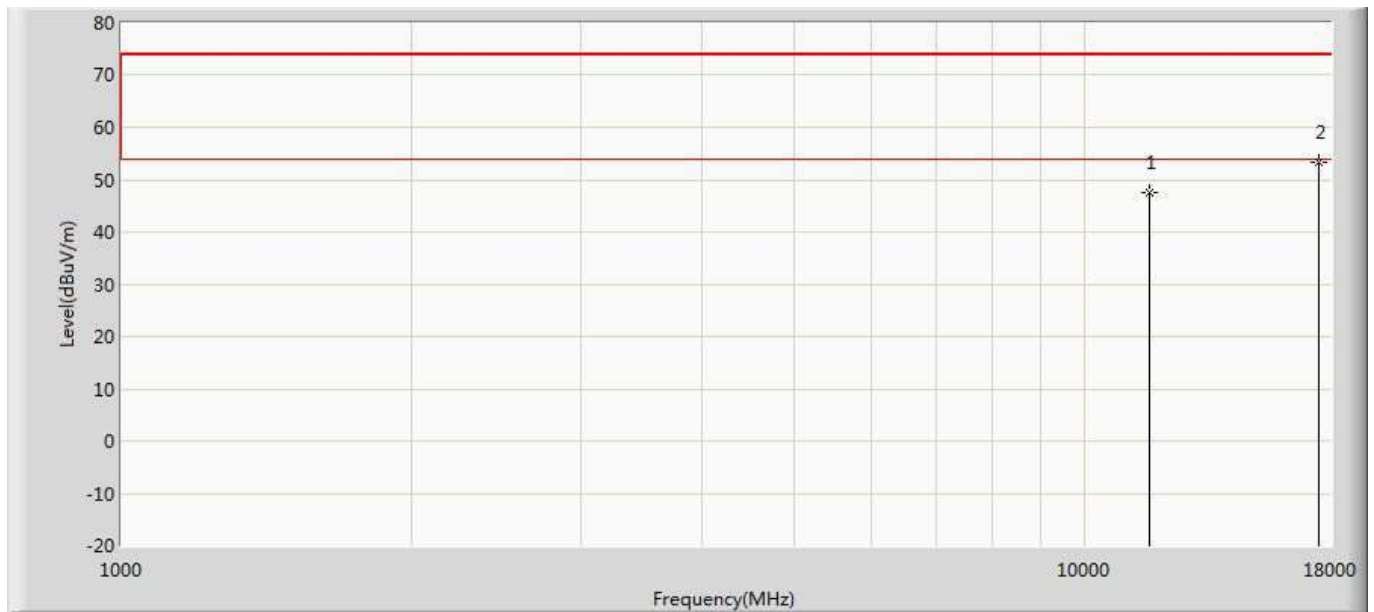
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	45.227	31.013	-28.773	74.000	14.214	PK
2	*	17355.000	52.345	32.582	-21.655	74.000	19.762	PK

Profile: 2040625R	Page No.: 204
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



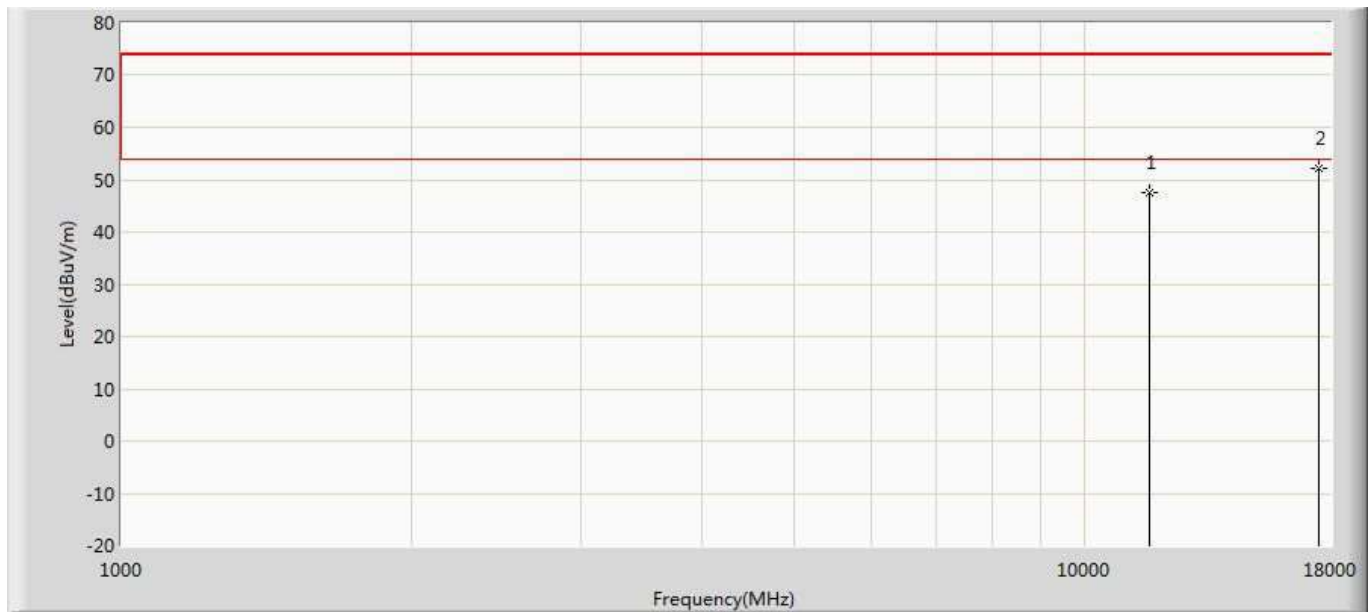
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	45.508	31.294	-28.492	74.000	14.214	PK
2	*	17355.000	50.169	30.406	-23.831	74.000	19.762	PK

Profile: 2040625R	Page No.: 205
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



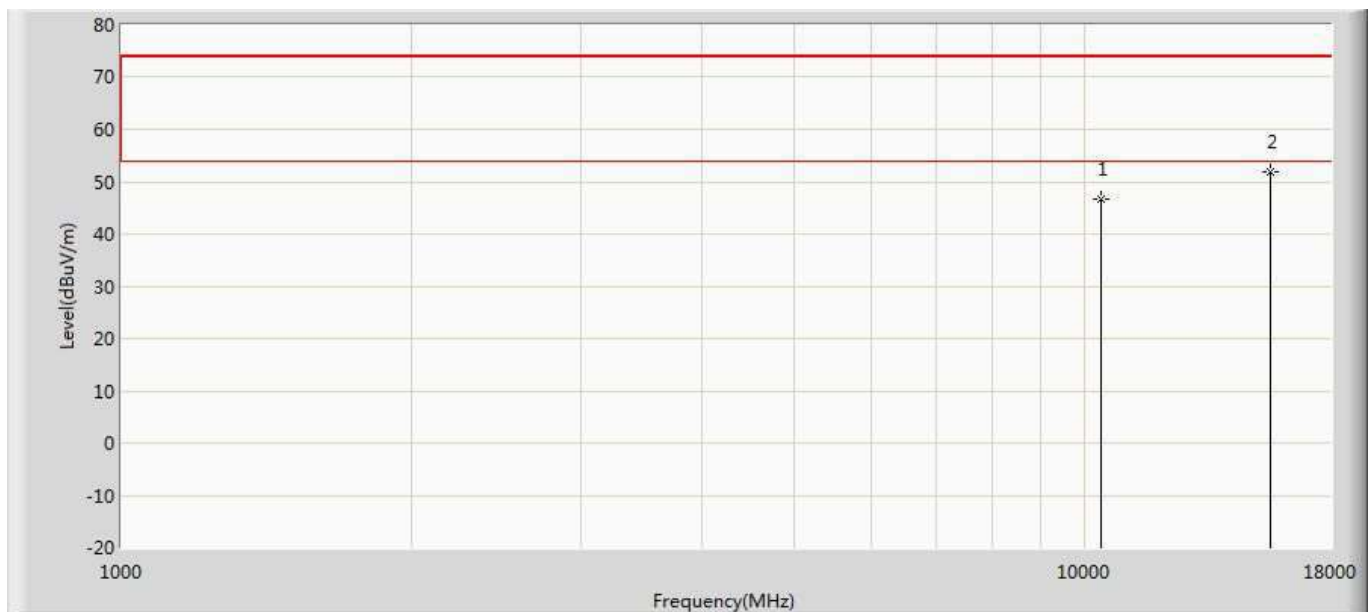
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	47.545	32.968	-26.455	74.000	14.577	PK
2	*	17475.000	53.384	33.475	-20.616	74.000	19.909	PK

Profile: 2040625R	Page No.: 206
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



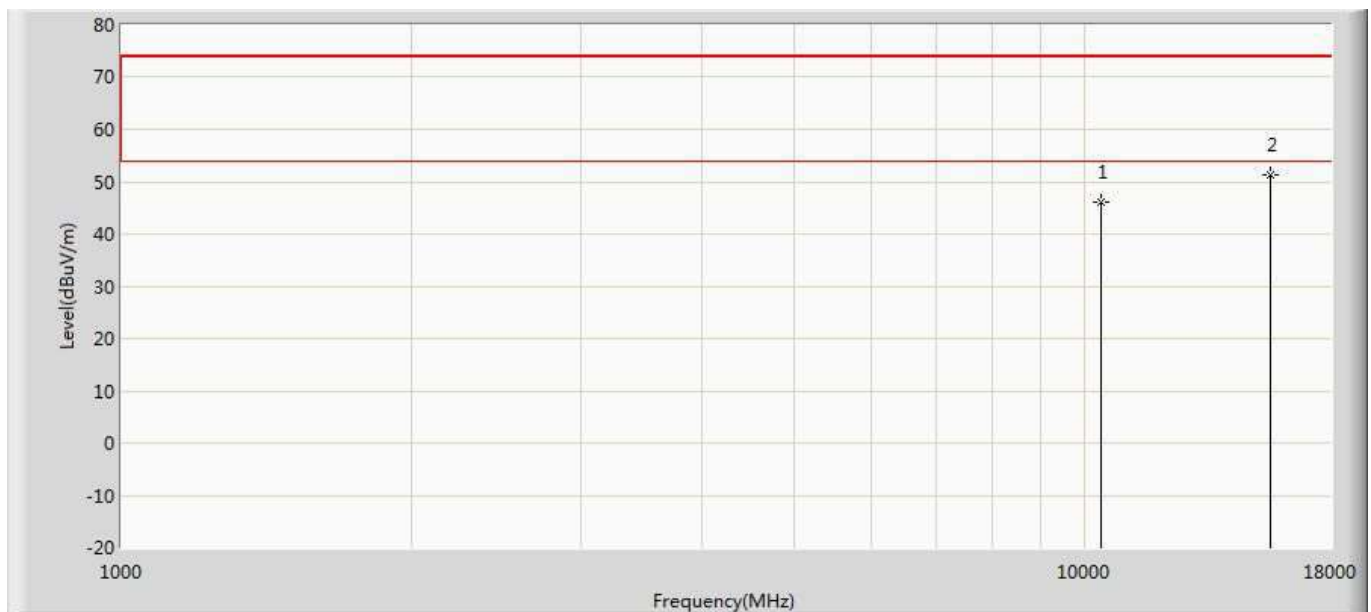
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	47.573	32.996	-26.427	74.000	14.577	PK
2	*	17475.000	52.104	32.195	-21.896	74.000	19.909	PK

Profile: 2040625R	Page No.: 207
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



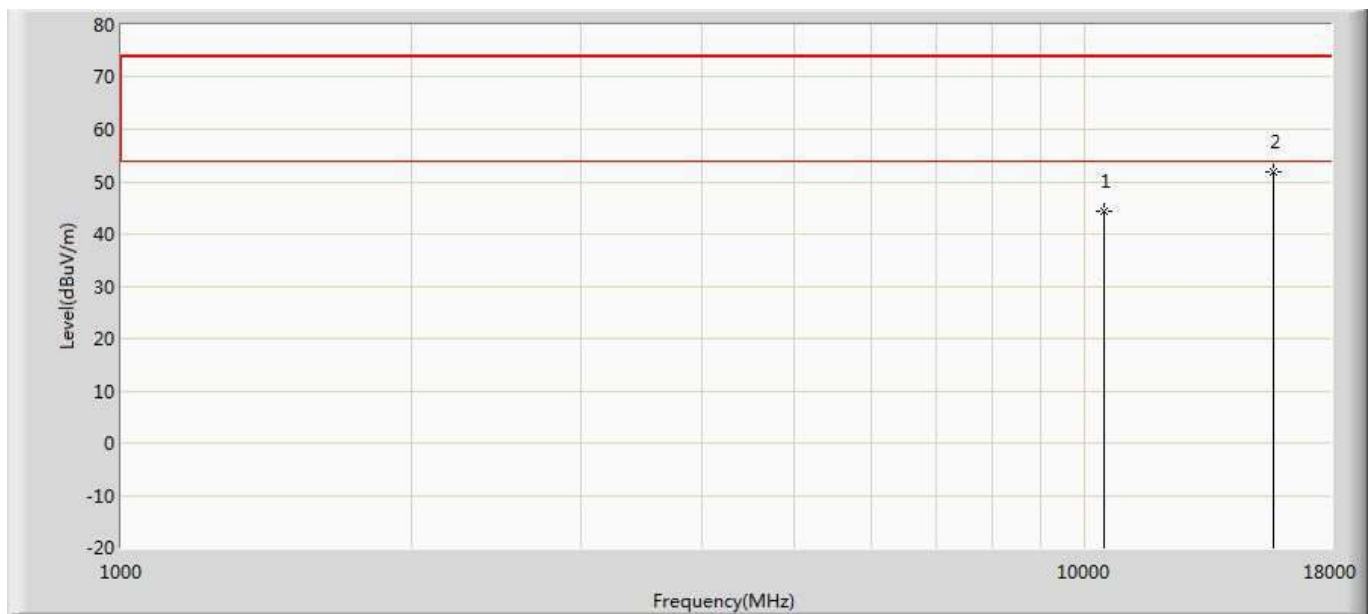
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	46.566	34.783	-27.434	74.000	11.783	PK
2	*	15570.000	51.921	33.909	-22.079	74.000	18.012	PK

Profile: 2040625R	Page No.: 208
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



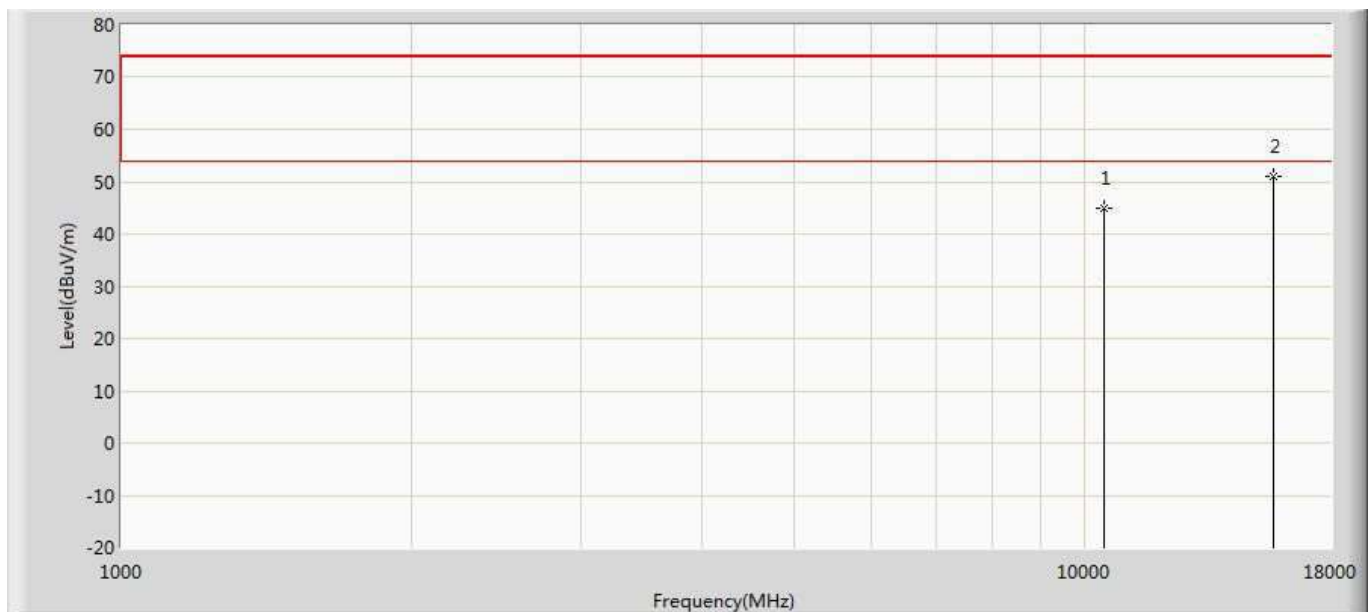
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	46.114	34.331	-27.886	74.000	11.783	PK
2	*	15570.000	51.181	33.169	-22.819	74.000	18.012	PK

Profile: 2040625R	Page No.: 209
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230MHz by 802.11ac(40MHz)	



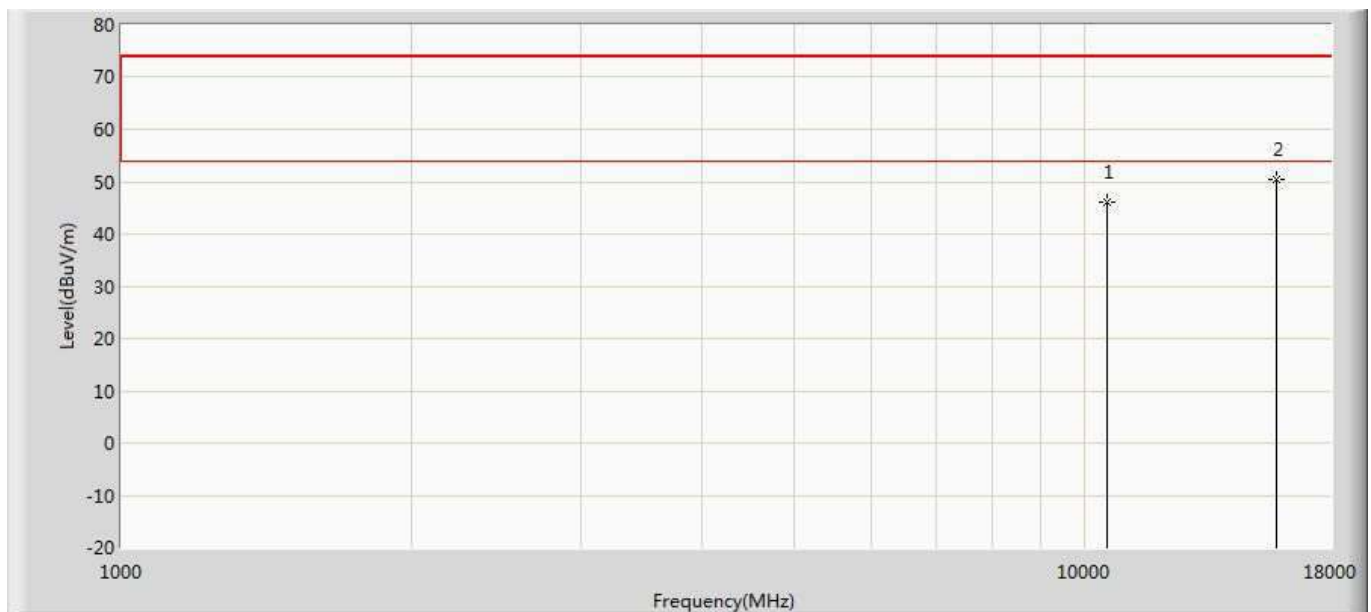
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	44.330	32.473	-29.670	74.000	11.857	PK
2	*	15690.000	51.792	33.438	-22.208	74.000	18.354	PK

Profile: 2040625R	Page No.: 210
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230MHz by 802.11ac(40MHz)	



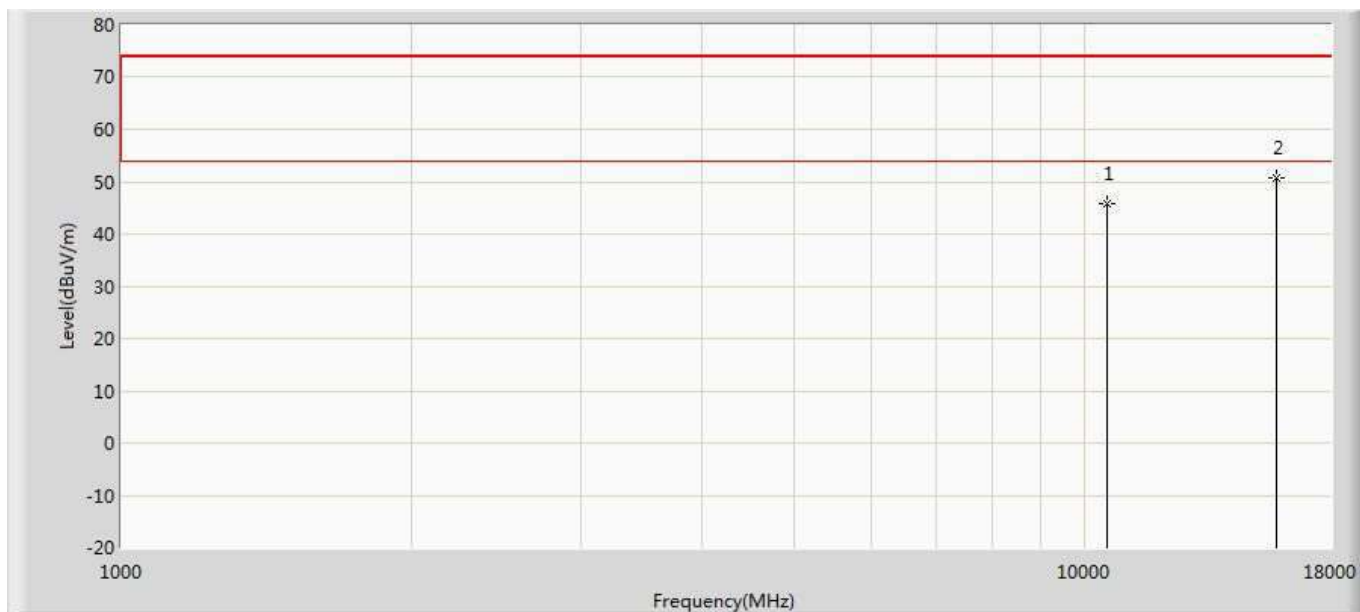
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	44.898	33.041	-29.102	74.000	11.857	PK
2	*	15690.000	51.112	32.758	-22.888	74.000	18.354	PK

Profile: 2040625R	Page No.: 211
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270MHz by 802.11ac(40MHz)	



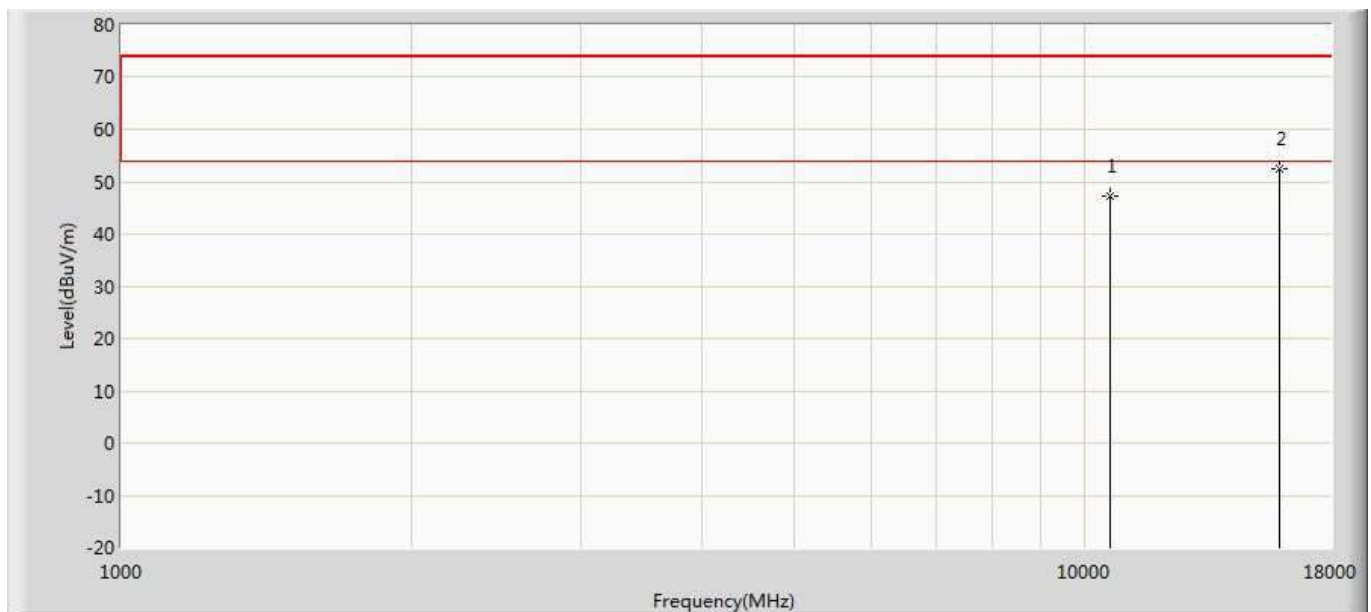
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	46.121	33.591	-27.879	74.000	12.530	PK
2	*	15810.000	50.555	32.324	-23.445	74.000	18.232	PK

Profile: 2040625R	Page No.: 212
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270MHz by 802.11ac(40MHz)	



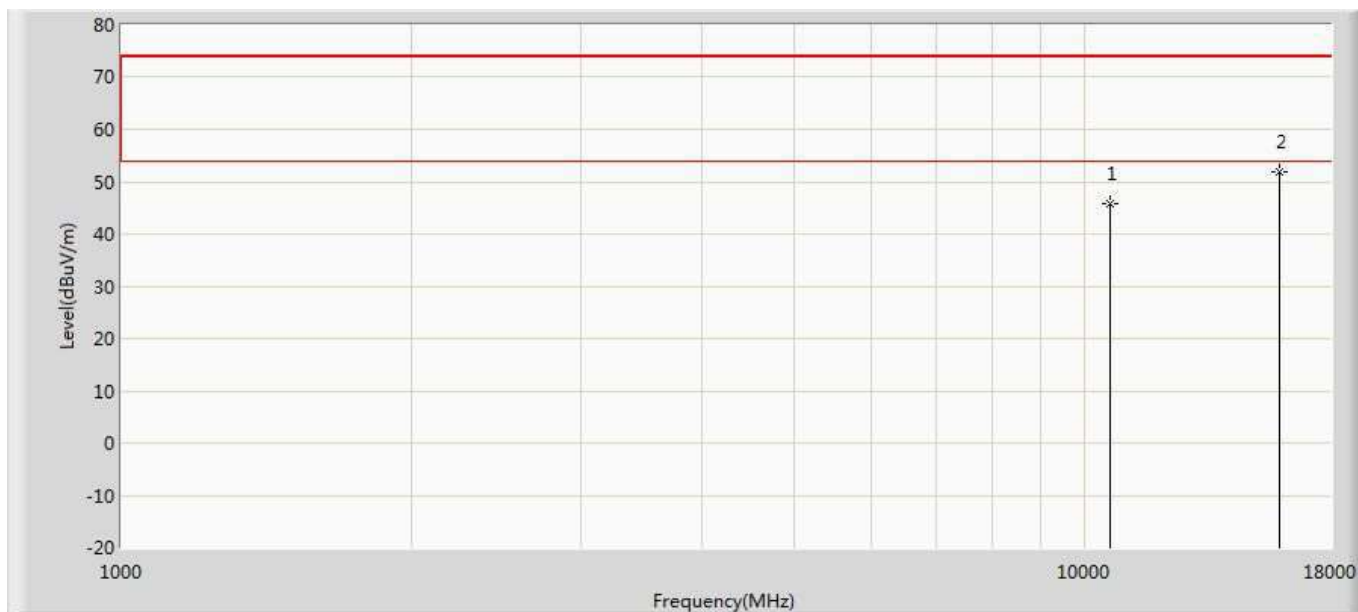
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	45.926	33.396	-28.074	74.000	12.530	PK
2	*	15810.000	50.605	32.374	-23.395	74.000	18.232	PK

Profile: 2040625R	Page No.: 213
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



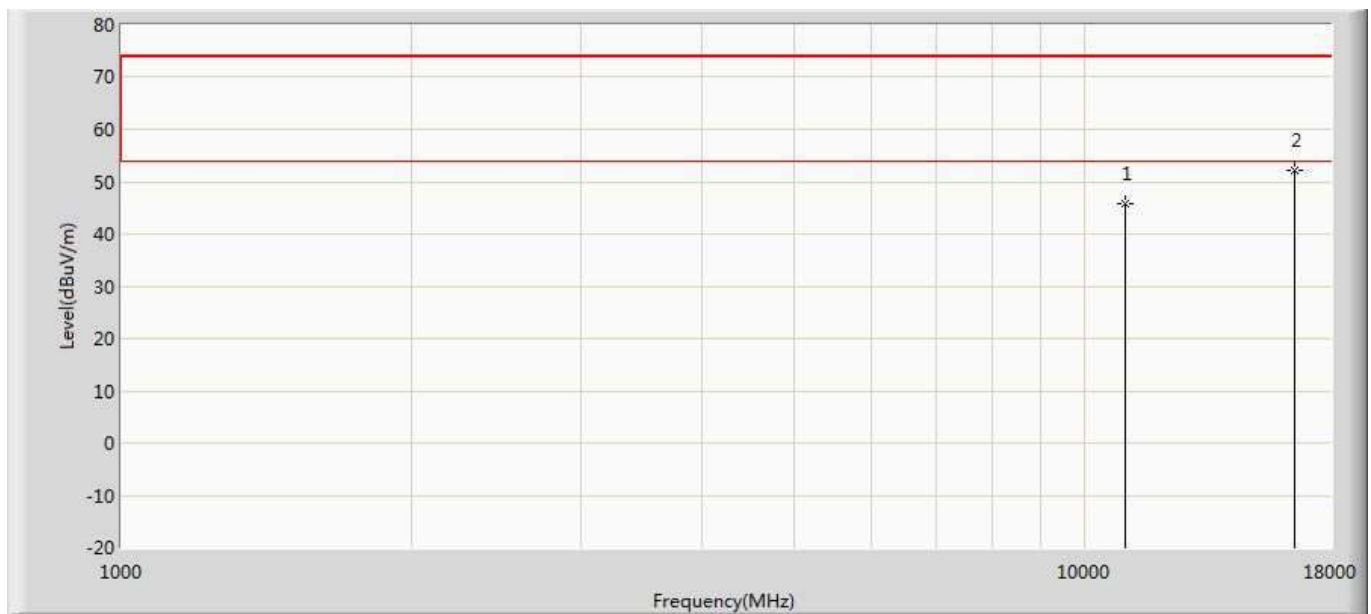
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	47.107	34.118	-26.893	74.000	12.990	PK
2	*	15930.000	52.343	33.129	-21.657	74.000	19.214	PK

Profile: 2040625R	Page No.: 214
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



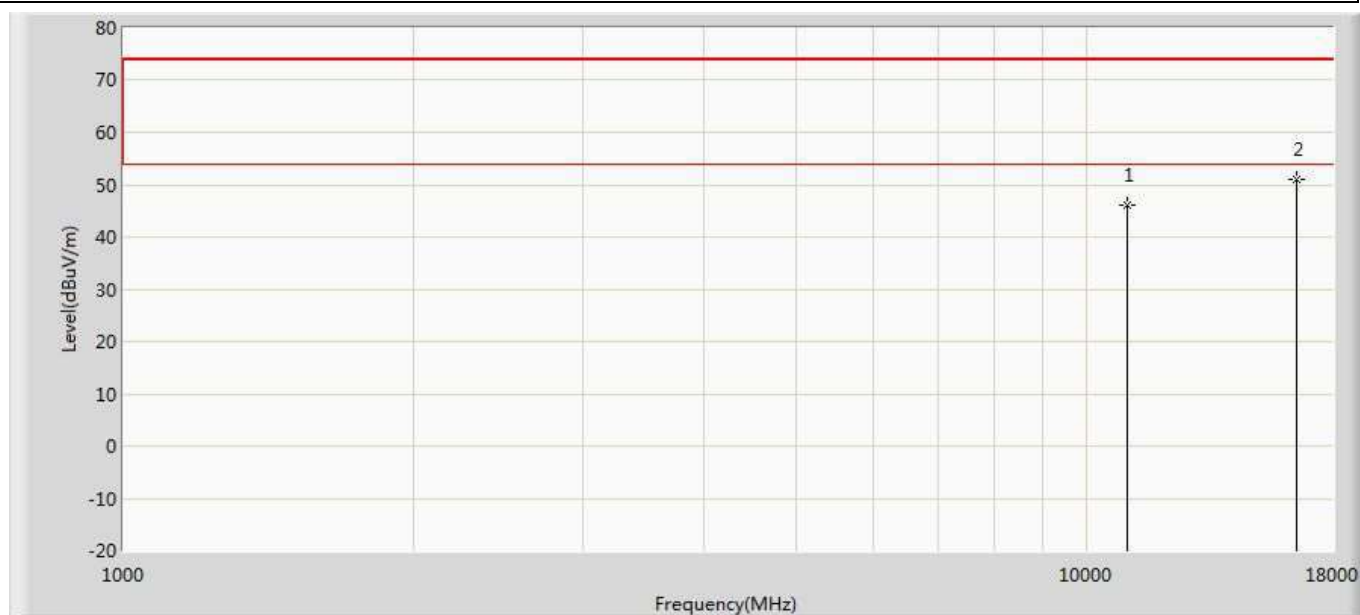
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	45.806	32.817	-28.194	74.000	12.990	PK
2	*	15930.000	51.855	32.641	-22.145	74.000	19.214	PK

Profile: 2040625R	Page No.: 215
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



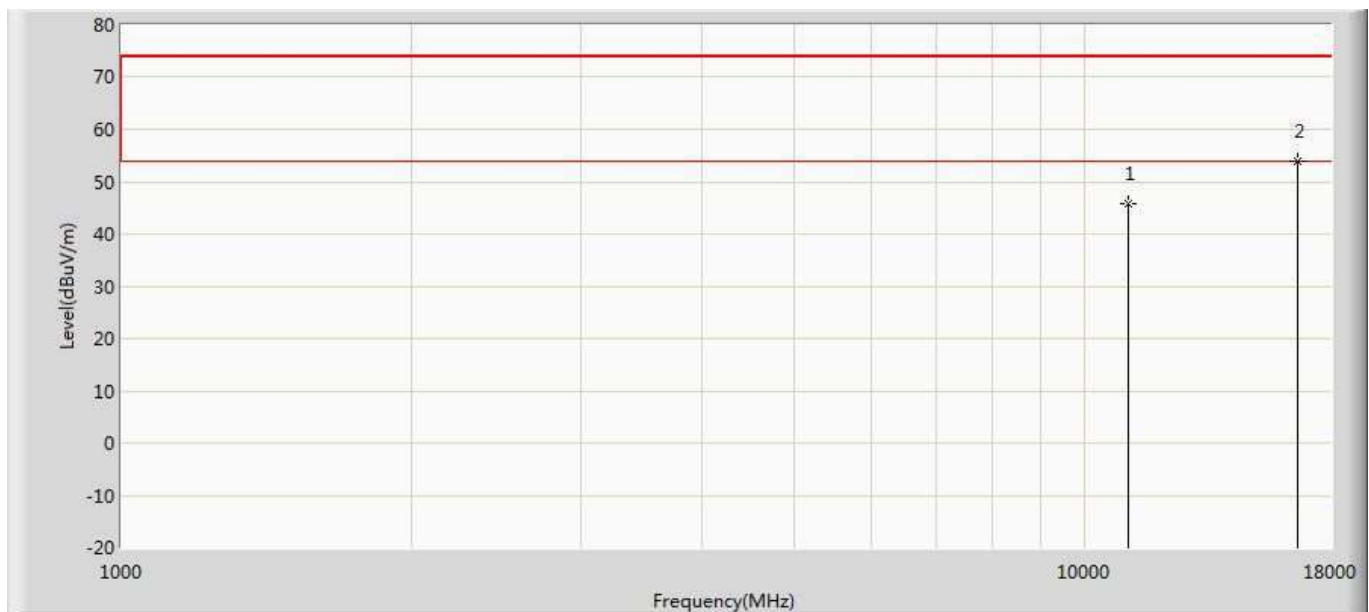
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.807	32.381	-28.193	74.000	13.425	PK
2	*	16530.000	52.243	33.499	-21.757	74.000	18.744	PK

Profile: 2040625R	Page No.: 216
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



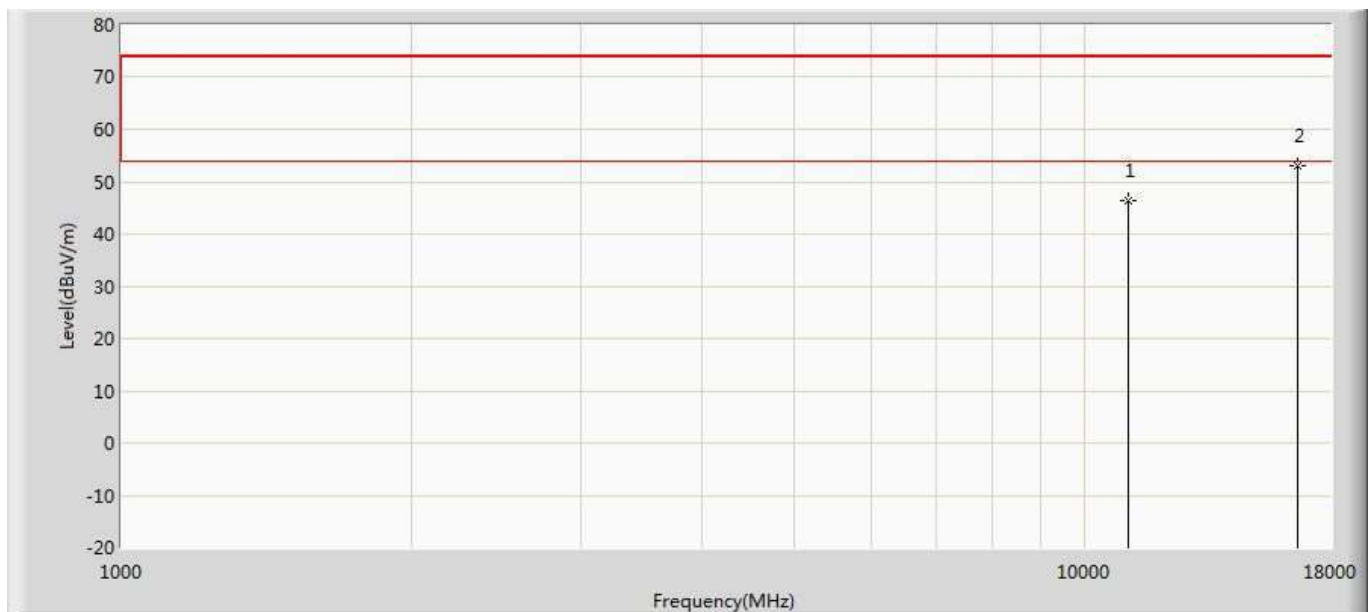
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.943	32.517	-28.057	74.000	13.425	PK
2	*	16530.000	50.981	32.237	-23.019	74.000	18.744	PK

Profile: 2040625R	Page No.: 217
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5550MHz by 802.11ac(40MHz)	



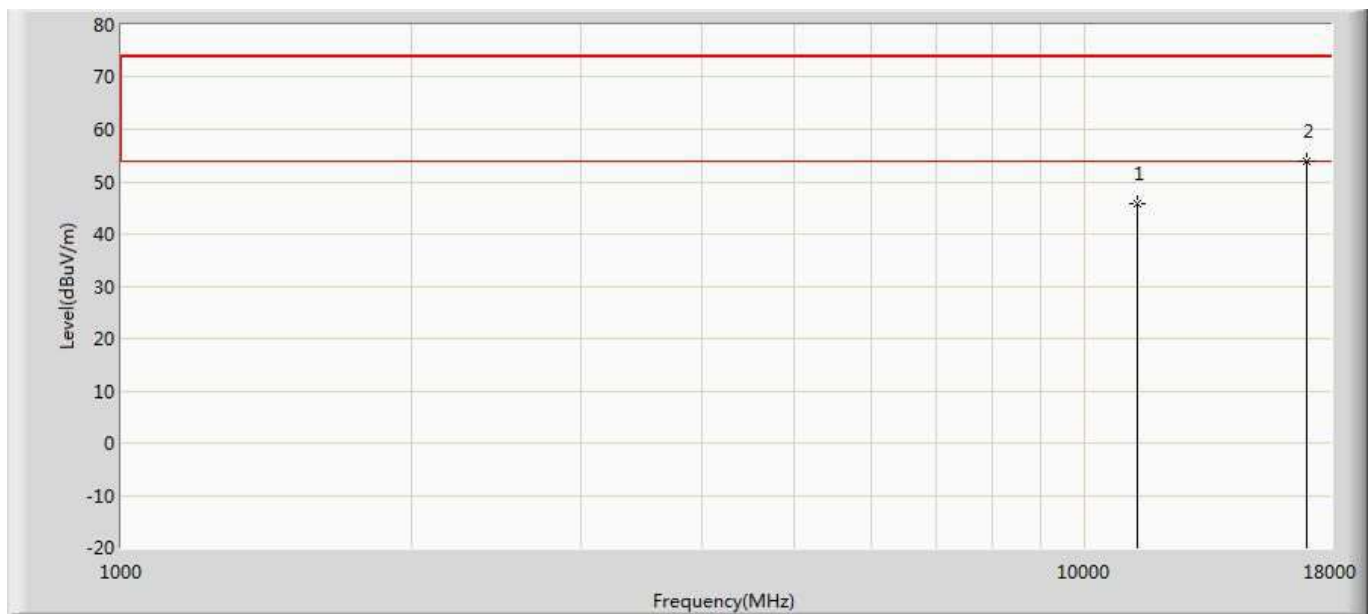
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	45.915	32.293	-28.085	74.000	13.623	PK
2	*	16650.000	53.897	34.165	-20.103	74.000	19.732	PK

Profile: 2040625R	Page No.: 218
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5550MHz by 802.11ac(40MHz)	



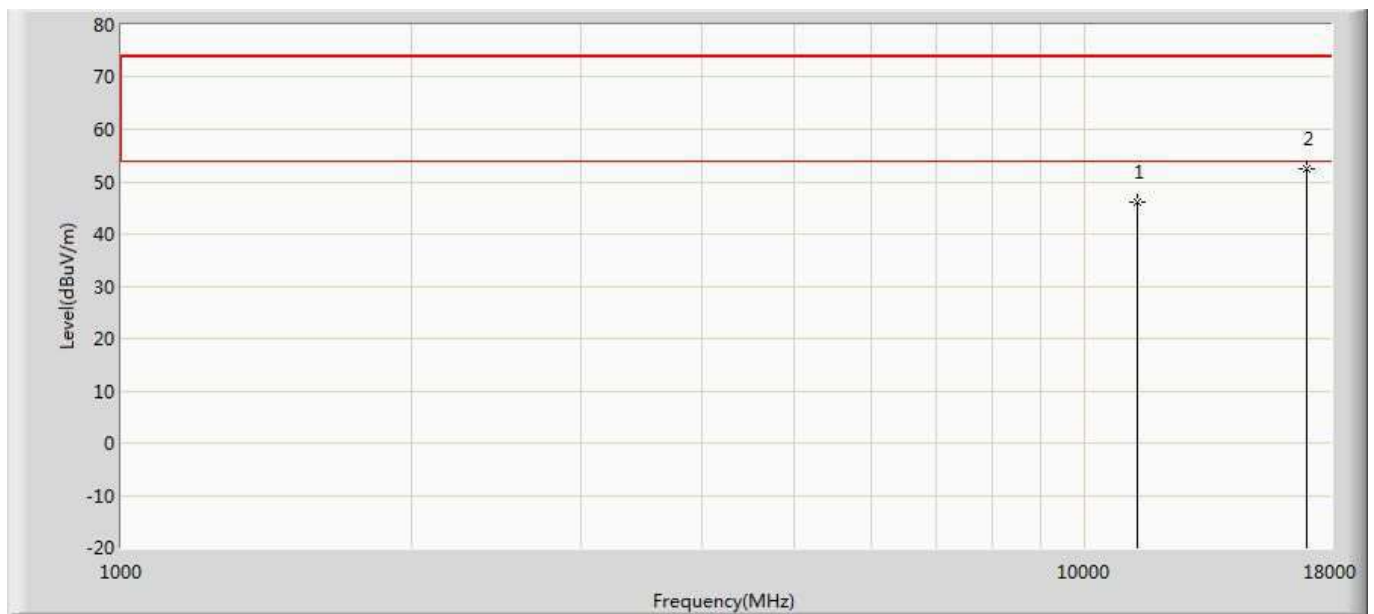
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.503	32.881	-27.497	74.000	13.623	PK
2	*	16650.000	53.149	33.417	-20.851	74.000	19.732	PK

Profile: 2040625R	Page No.: 219
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5670MHz by 802.11ac(40MHz)	



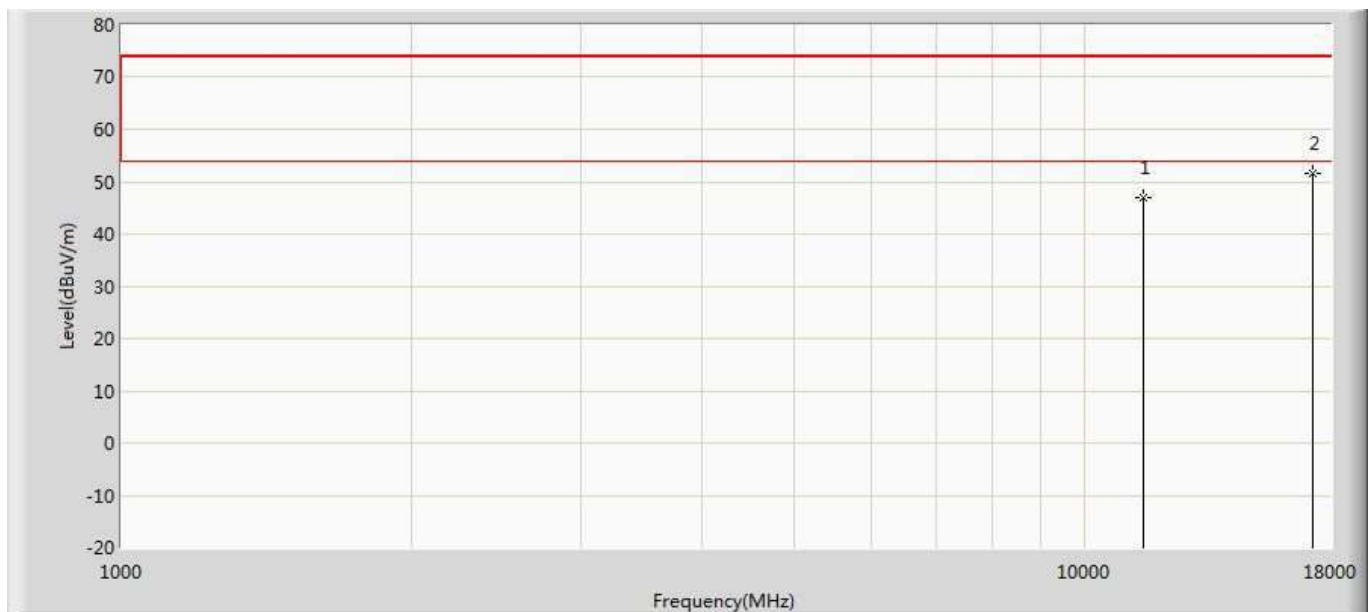
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.720	31.753	-28.280	74.000	13.967	PK
2	*	17010.000	53.961	33.929	-20.039	74.000	20.033	PK

Profile: 2040625R	Page No.: 220
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5670MHz by 802.11ac(40MHz)	



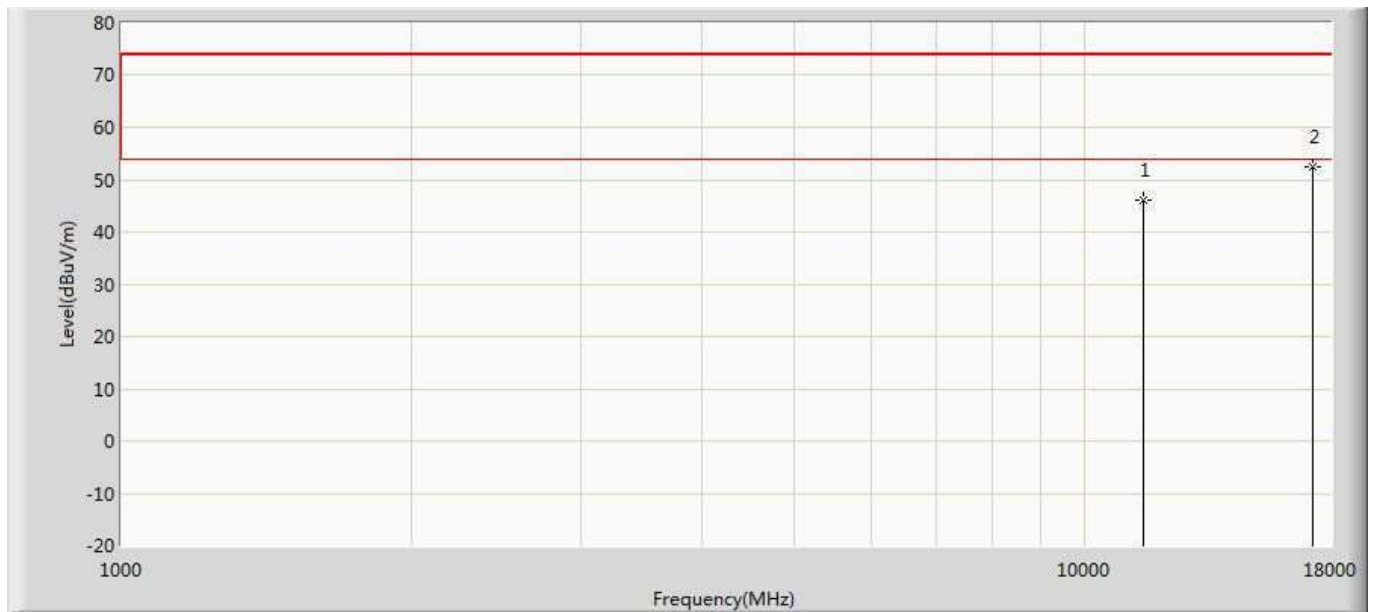
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.182	32.215	-27.818	74.000	13.967	PK
2	*	17010.000	52.460	32.428	-21.540	74.000	20.033	PK

Profile: 2040625R	Page No.: 221
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



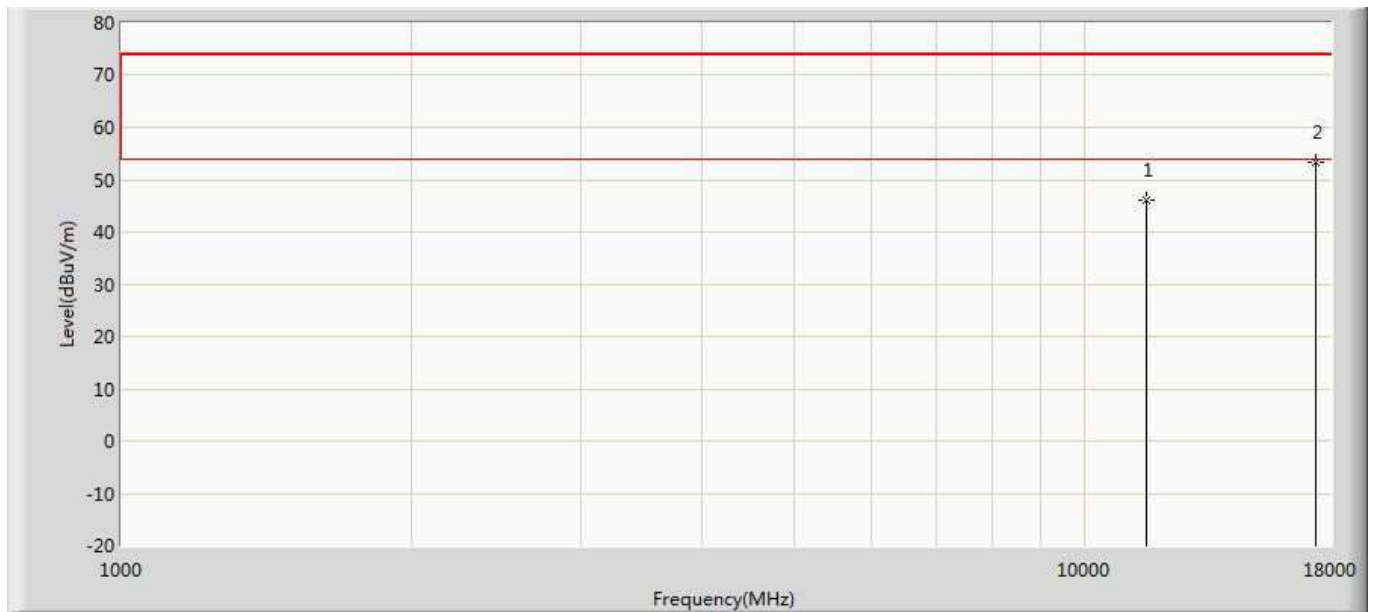
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.077	32.587	-26.923	74.000	14.490	PK
2	*	17265.000	51.612	31.012	-22.388	74.000	20.600	PK

Profile: 2040625R	Page No.: 222
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



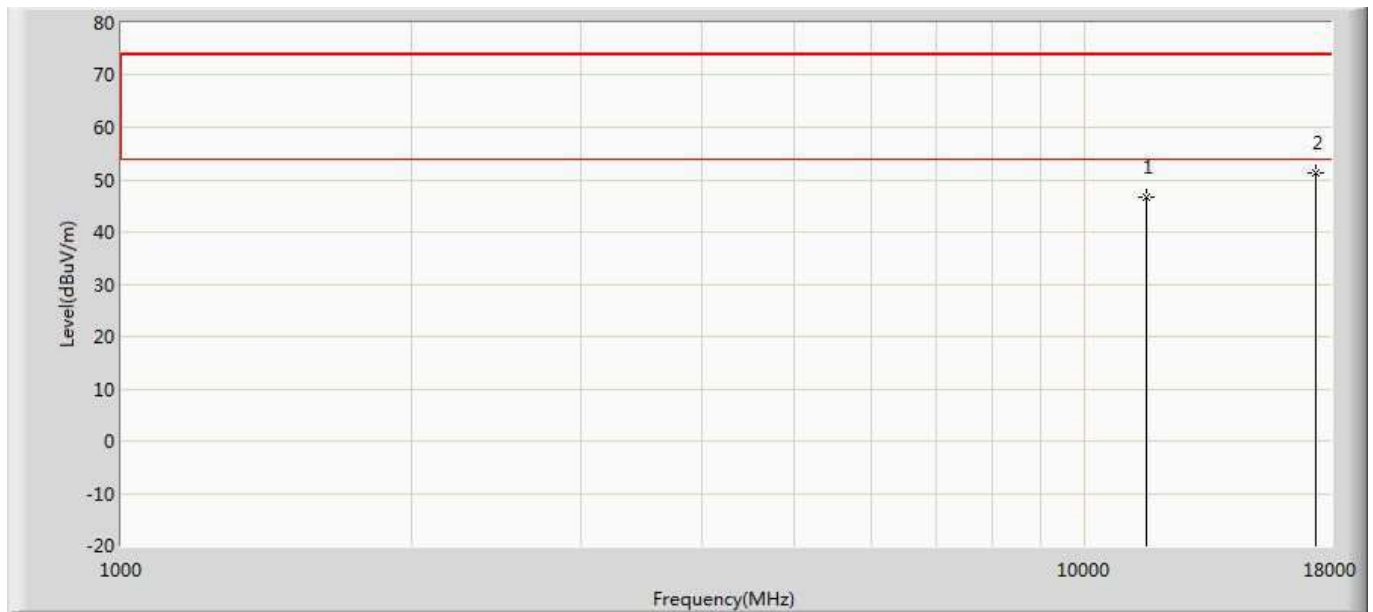
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	46.158	31.668	-27.842	74.000	14.490	PK
2	*	17265.000	52.563	31.963	-21.437	74.000	20.600	PK

Profile: 2040625R	Page No.: 223
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



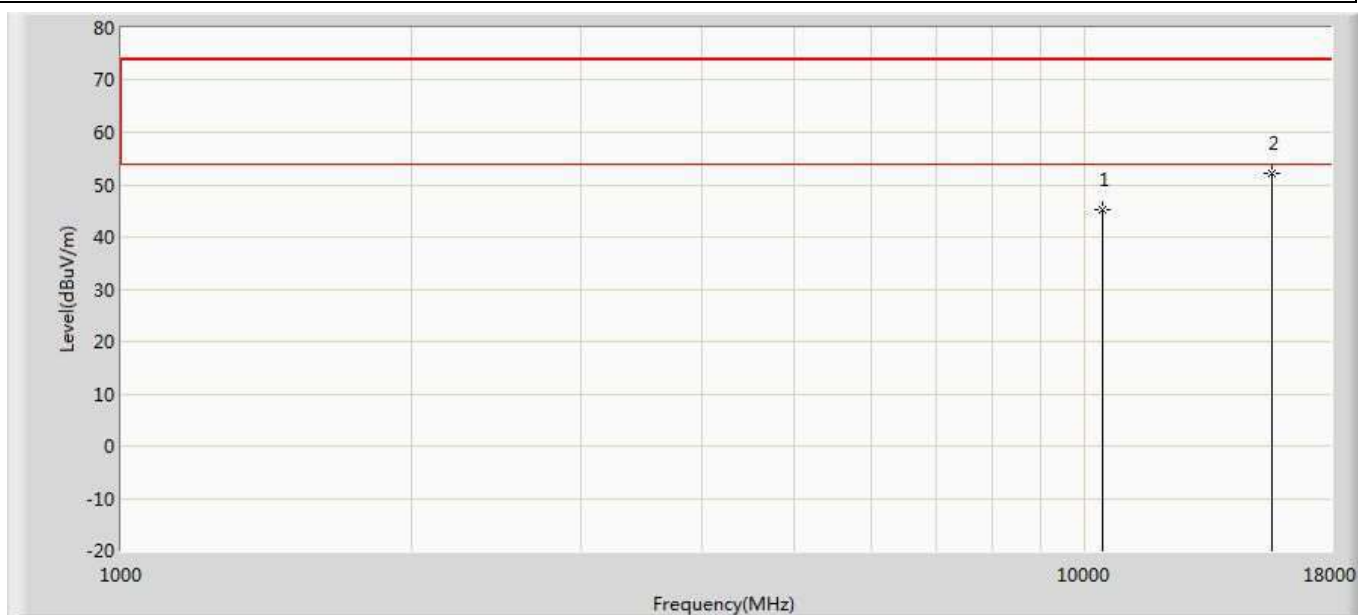
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	46.037	30.992	-27.963	74.000	15.045	PK
2	*	17385.000	53.223	33.307	-20.777	74.000	19.916	PK

Profile: 2040625R	Page No.: 224
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



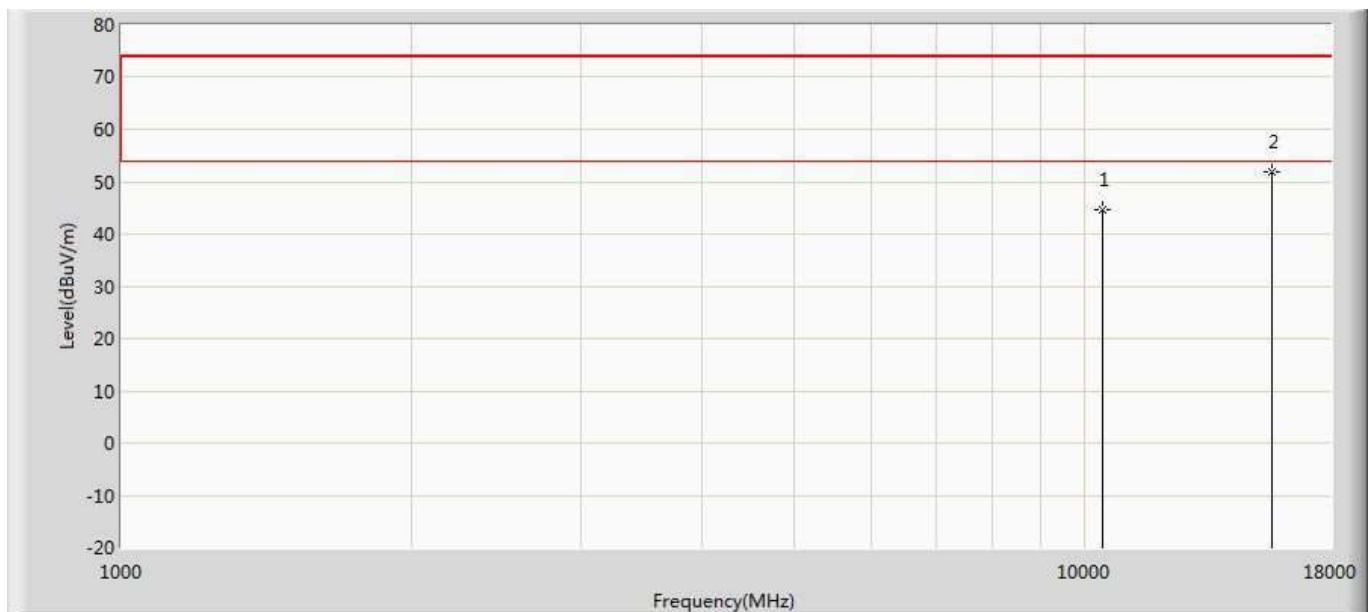
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	46.717	31.672	-27.283	74.000	15.045	PK
2	*	17385.000	51.393	31.477	-22.607	74.000	19.916	PK

Profile: 2040625R	Page No.: 225
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



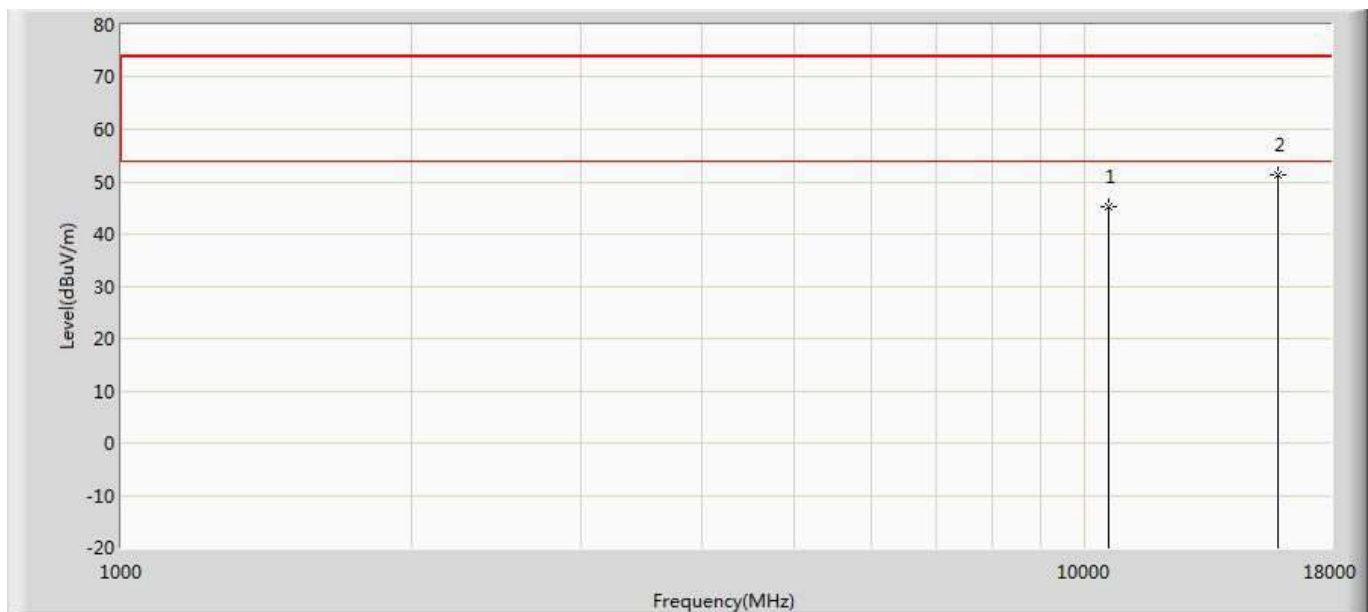
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	45.296	33.517	-28.704	74.000	11.780	PK
2	*	15630.000	52.154	34.292	-21.846	74.000	17.862	PK

Profile: 2040625R	Page No.: 226
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



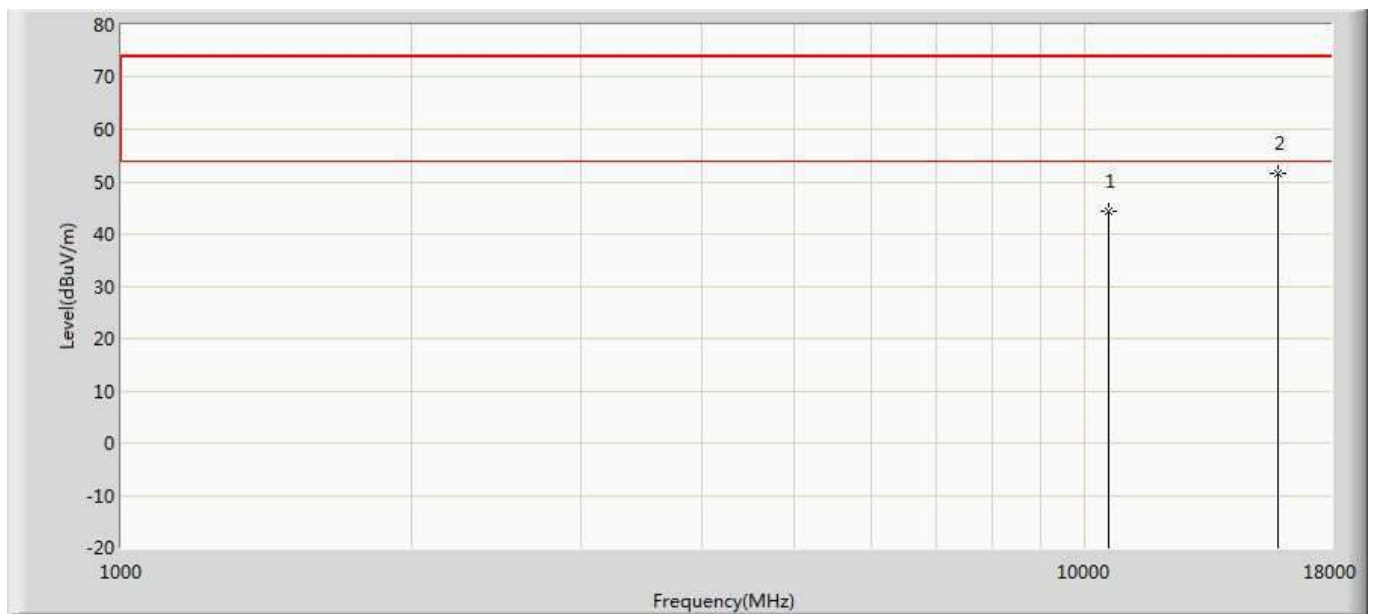
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.683	32.904	-29.317	74.000	11.780	PK
2	*	15630.000	52.011	34.149	-21.989	74.000	17.862	PK

Profile: 2040625R	Page No.: 227
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



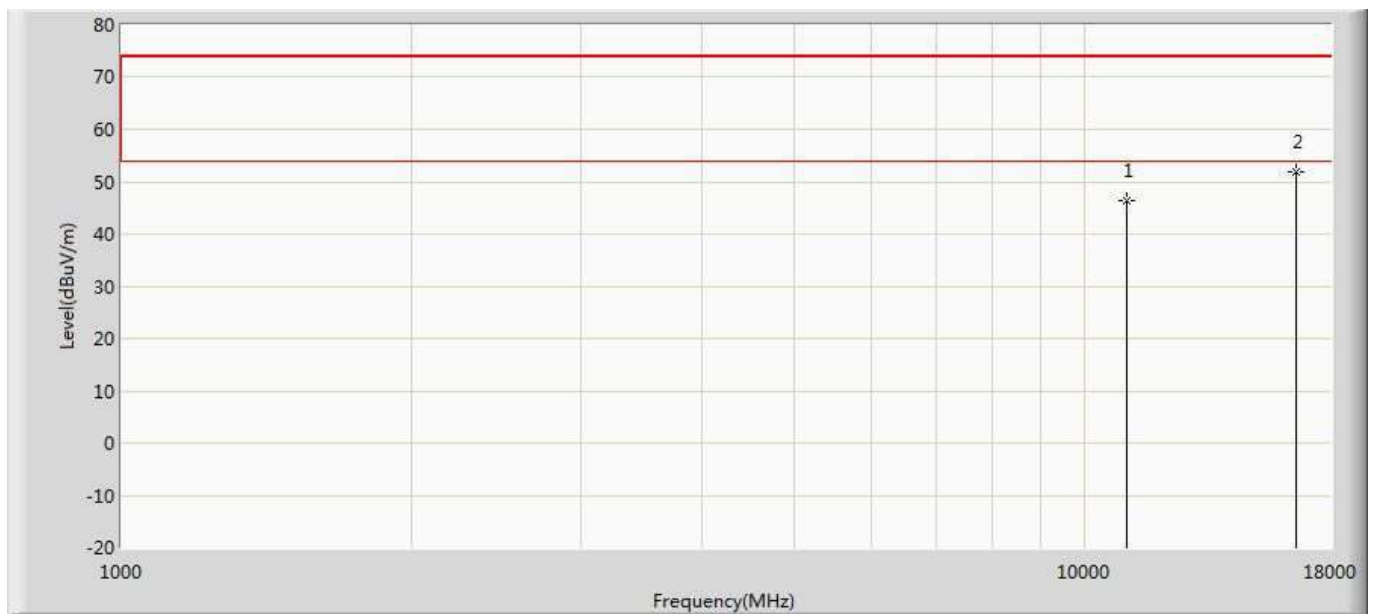
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	45.141	32.970	-28.859	74.000	12.172	PK
2	*	15870.000	51.398	33.087	-22.602	74.000	18.312	PK

Profile: 2040625R	Page No.: 228
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



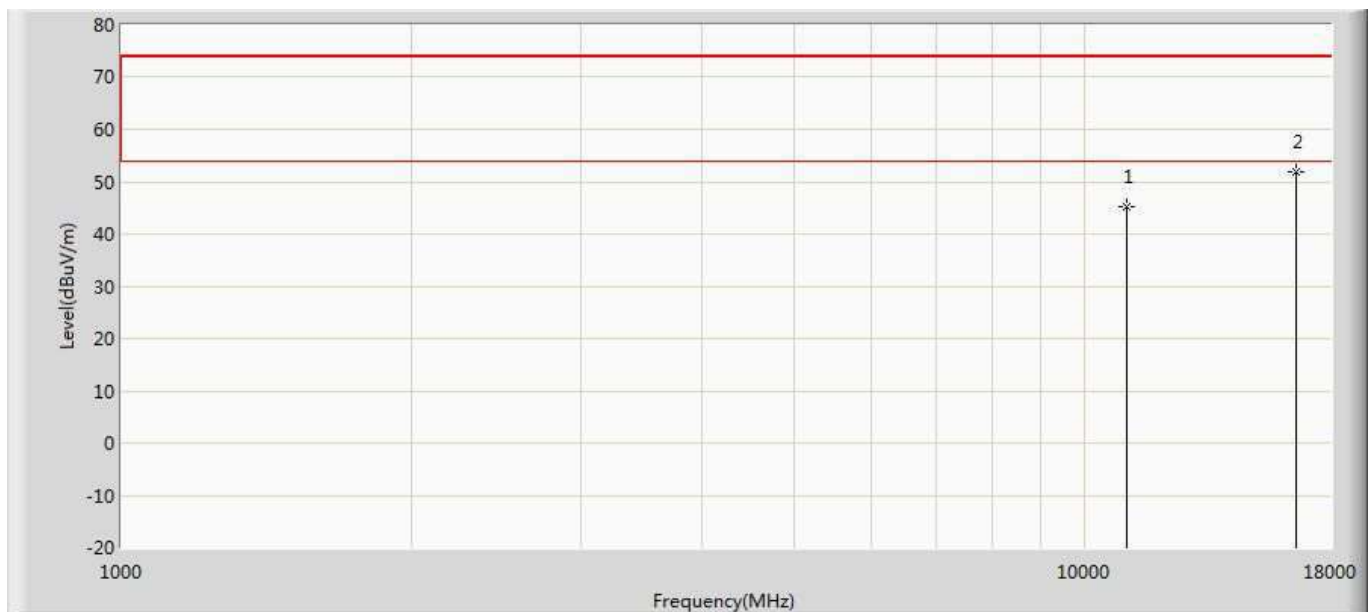
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	44.249	32.078	-29.751	74.000	12.172	PK
2	*	15870.000	51.595	33.284	-22.405	74.000	18.312	PK

Profile: 2040625R	Page No.: 229
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



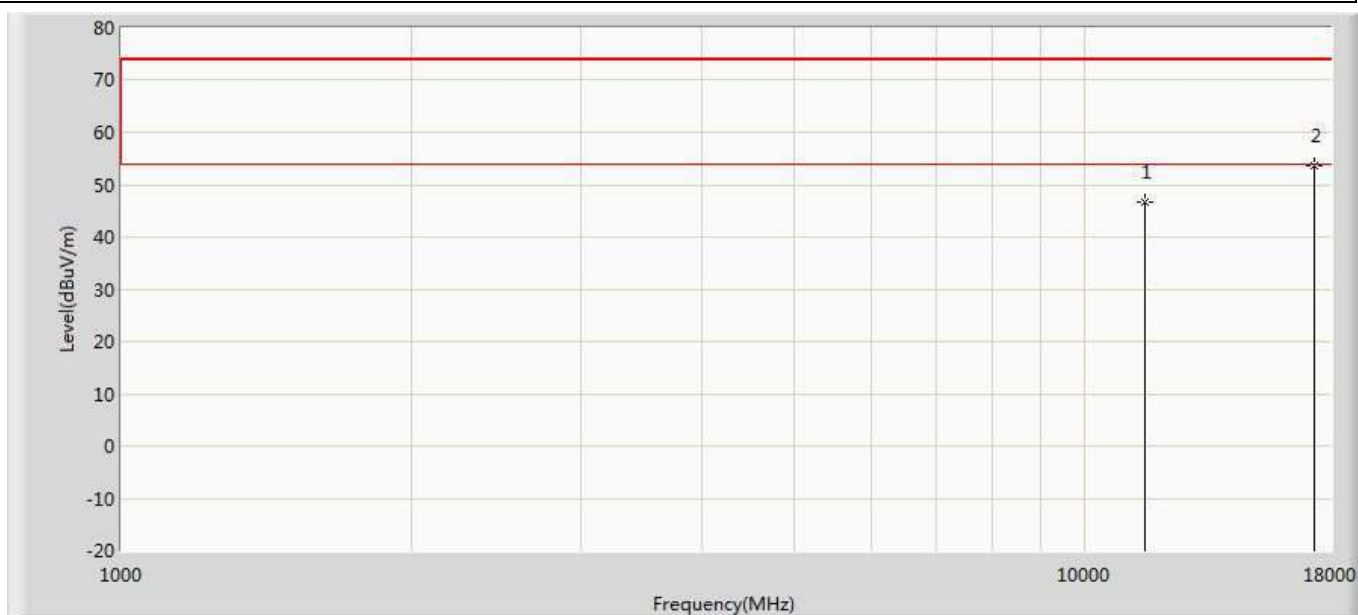
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.325	33.165	-27.675	74.000	13.160	PK
2	*	16590.000	51.867	33.040	-22.133	74.000	18.827	PK

Profile: 2040625R	Page No.: 230
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



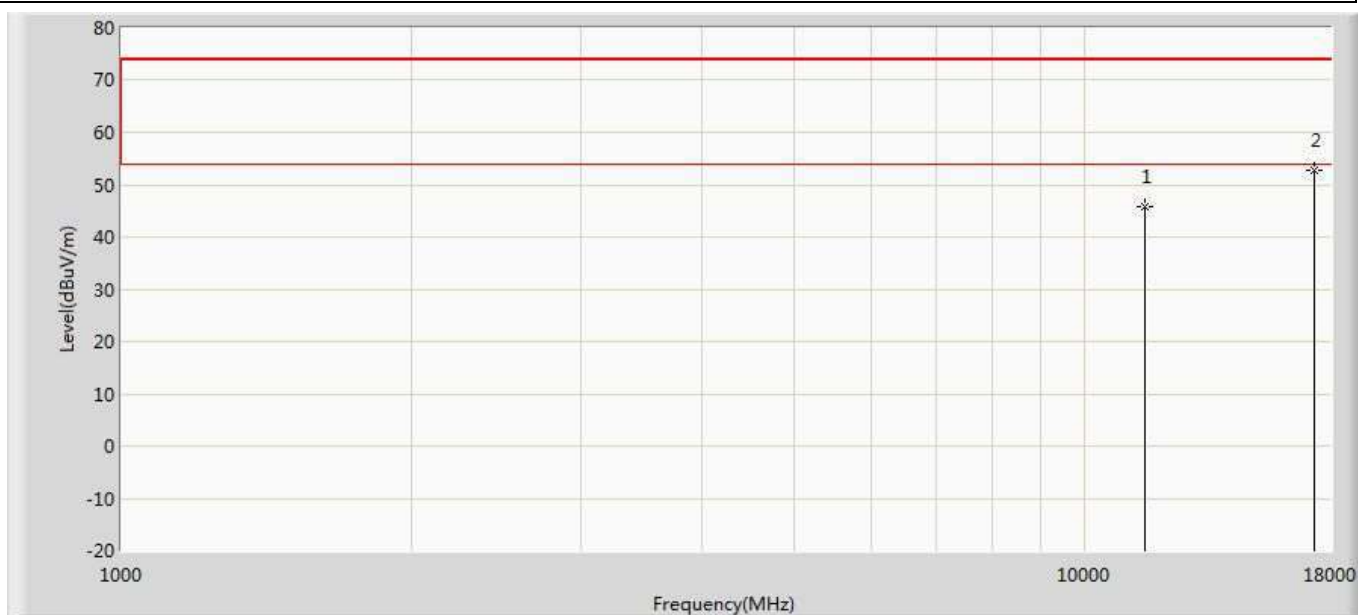
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	45.297	32.137	-28.703	74.000	13.160	PK
2	*	16590.000	51.827	33.000	-22.173	74.000	18.827	PK

Profile: 2040625R	Page No.: 231
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	46.779	32.369	-27.221	74.000	14.409	PK
2	*	17325.000	53.524	32.959	-20.476	74.000	20.565	PK

Profile: 2040625R	Page No.: 232
Engineer: YULIU	
Site: AC5	Time: 2020/04/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



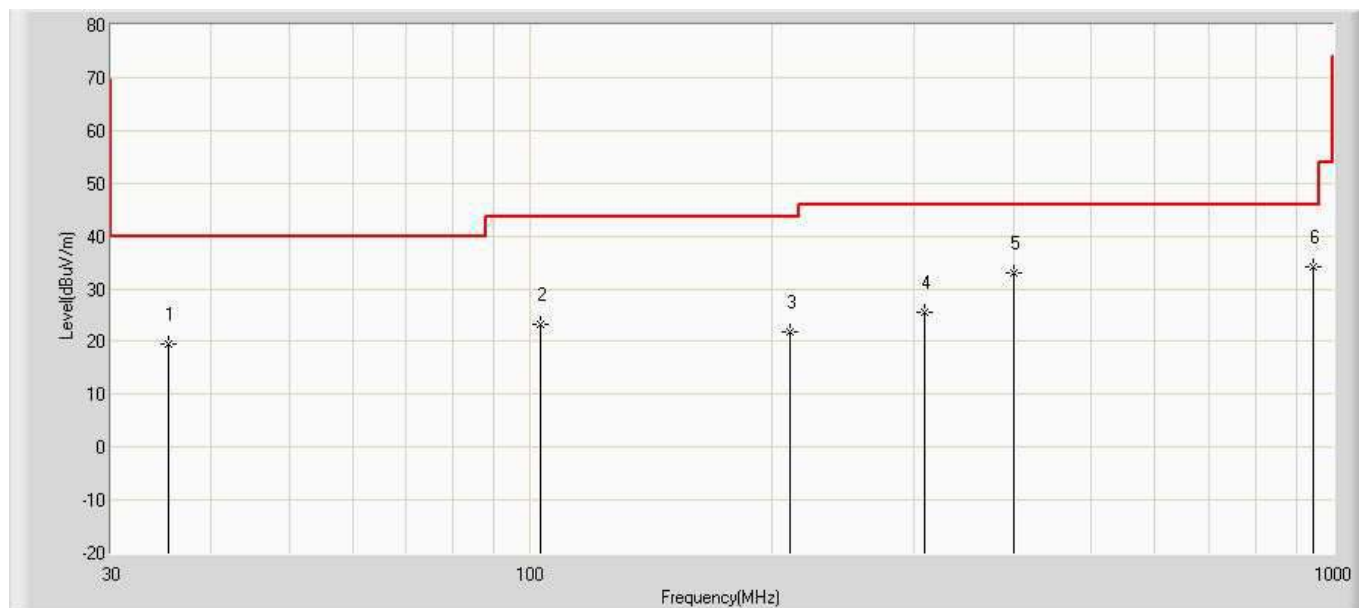
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	45.889	31.479	-28.111	74.000	14.409	PK
2	*	17325.000	52.878	32.313	-21.122	74.000	20.565	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.
5. All the PK spurious emission values are lower than 54dBuV/m, so it can definitely meet the requirement of 15.407(b) which is 68.2dBuV/m.

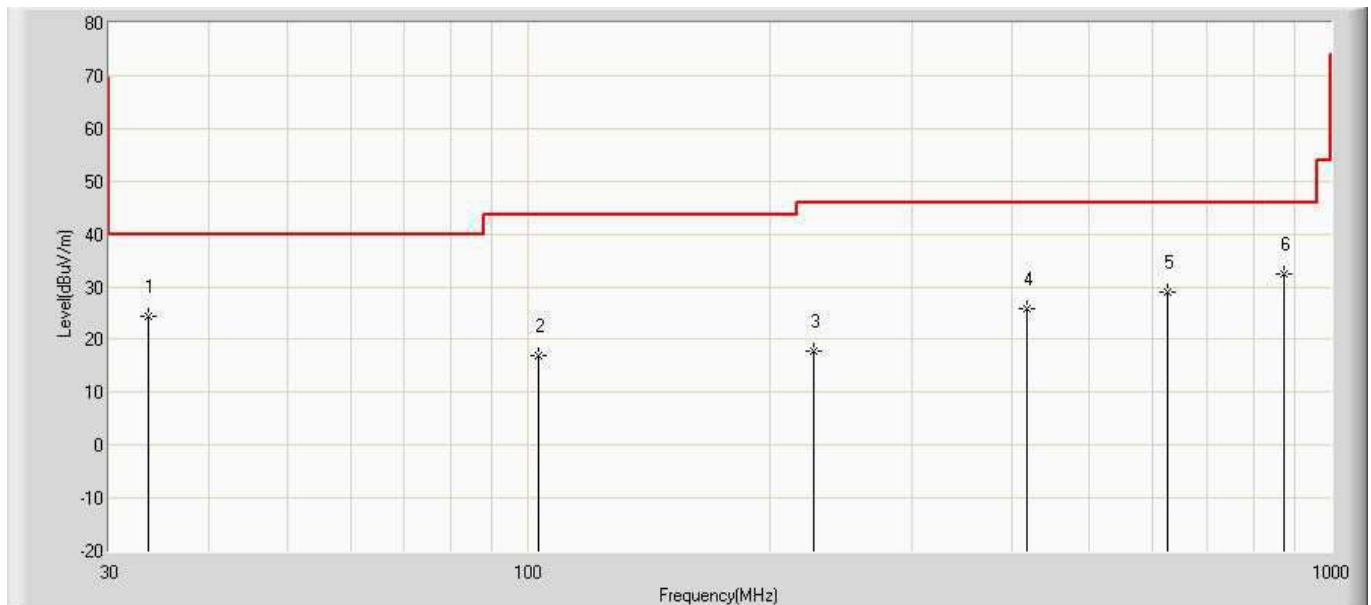
The worst case of Radiated Emission below 1GHz:

Site: AC3	Time: 2020/05/16 - 14:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		35.335	19.625	-2.693	-20.375	40.000	22.318	QP
2		102.750	23.350	1.274	-20.150	43.500	22.076	QP
3		210.541	21.774	-1.559	-21.726	43.500	23.333	QP
4		310.087	25.437	0.015	-20.563	46.000	25.422	QP
5		399.570	32.893	9.185	-13.107	46.000	23.708	QP
6	*	946.771	34.273	-0.452	-11.727	46.000	34.725	QP

Site: AC3	Time: 2020/05/16 - 14:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.638	24.493	-1.574	-15.507	40.000	26.067	QP
2		102.750	16.880	0.343	-26.620	43.500	16.537	QP
3		226.910	17.755	-0.900	-28.245	46.000	18.655	QP
4		418.121	25.963	-0.938	-20.037	46.000	26.902	QP
5		625.095	29.055	-0.836	-16.945	46.000	29.891	QP
6	*	873.172	32.484	1.039	-13.516	46.000	31.444	QP

Note:

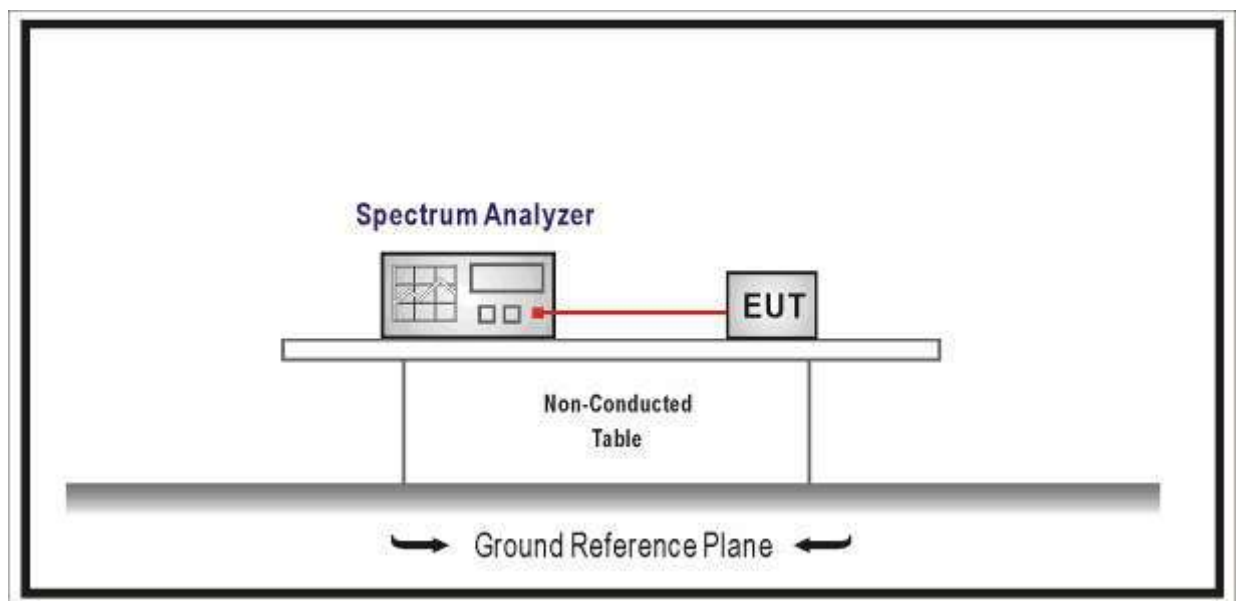
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

Emissions bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.09.28	2020.09.27
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.08.30	2020.08.29
Temperature/Humidity Meter	Zhichen	ZC1-2	TR8-TH	2019.09.02	2020.09.01
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup



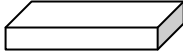
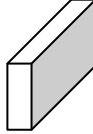
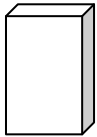
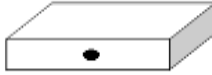



5.3. Limit

N/A

5.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
<input type="checkbox"/>	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	<input type="checkbox"/> ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	<input type="checkbox"/> ANSI C63.10	12.4.2	Occupied bandwidth (99%)
<input checked="" type="checkbox"/>	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	<input checked="" type="checkbox"/> FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	<input type="checkbox"/> FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
<input checked="" type="checkbox"/>	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

5.5. EUT test Axis definition

Item	Occupied bandwidth				
Device Category	<input type="checkbox"/>	Indoor use			
	<input type="checkbox"/>	Outdoor use			
	<input type="checkbox"/>	Fix position use			
	<input checked="" type="checkbox"/>	Client use			
Test mode	Mode 1-6				
Test method	<input type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input checked="" type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1			
					
	<input type="checkbox"/>	Chain 1	Chain 2		
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

5.6. Test Result

Product Name	:	Mobile Computer			
Test Mode	:	Mode 1-6	Test Site	:	TR-8
Test Date	:	2020.04.27	Test Engineer	:	Pawn

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	20.05	16.595	5171.703	Pass
CH44	5220	22.85	16.564	N/A	Pass
CH48	5240	19.79	16.530	5248.265	Pass
CH52	5260	19.93	16.619	N/A	Pass
CH60	5300	20.64	16.543	N/A	Pass
CH64	5320	20.99	16.599	N/A	Pass
CH100	5500	19.79	16.465	N/A	Pass
CH116	5580	19.95	16.531	N/A	Pass
CH140	5700	19.87	16.539	N/A	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	20.22	17.667	5171.167	Pass
CH44	5220	22.75	17.614	N/A	Pass
CH48	5240	19.82	17.586	5248.793	Pass
CH52	5260	20.46	17.647	N/A	Pass
CH60	5300	21.35	17.654	N/A	Pass
CH64	5320	20.24	17.629	N/A	Pass
CH100	5500	21.74	17.640	N/A	Pass
CH116	5580	20.23	17.686	N/A	Pass
CH140	5700	20.83	17.628	N/A	Pass

Mode 3: Transmit by 802.11n(40MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH38	5190	40.39	35.929	5172.036	Pass
CH46	5230	40.66	35.943	5247.972	Pass
CH54	5270	40.59	35.936	N/A	Pass
CH62	5310	40.29	35.858	N/A	Pass
CH102	5510	40.24	35.927	N/A	Pass
CH110	5550	40.22	35.977	N/A	Pass
CH134	5670	40.19	35.910	N/A	Pass

Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	20.36	17.663	5171.169	Pass
CH44	5220	19.97	17.597	N/A	Pass
CH48	5240	20.06	17.606	5248.803	Pass
CH52	5260	20.24	17.569	N/A	Pass
CH60	5300	20.32	17.626	N/A	Pass
CH64	5320	20.02	17.616	N/A	Pass
CH100	5500	19.96	17.642	N/A	Pass
CH116	5580	23.15	17.634	N/A	Pass
CH140	5700	20.25	17.612	N/A	Pass

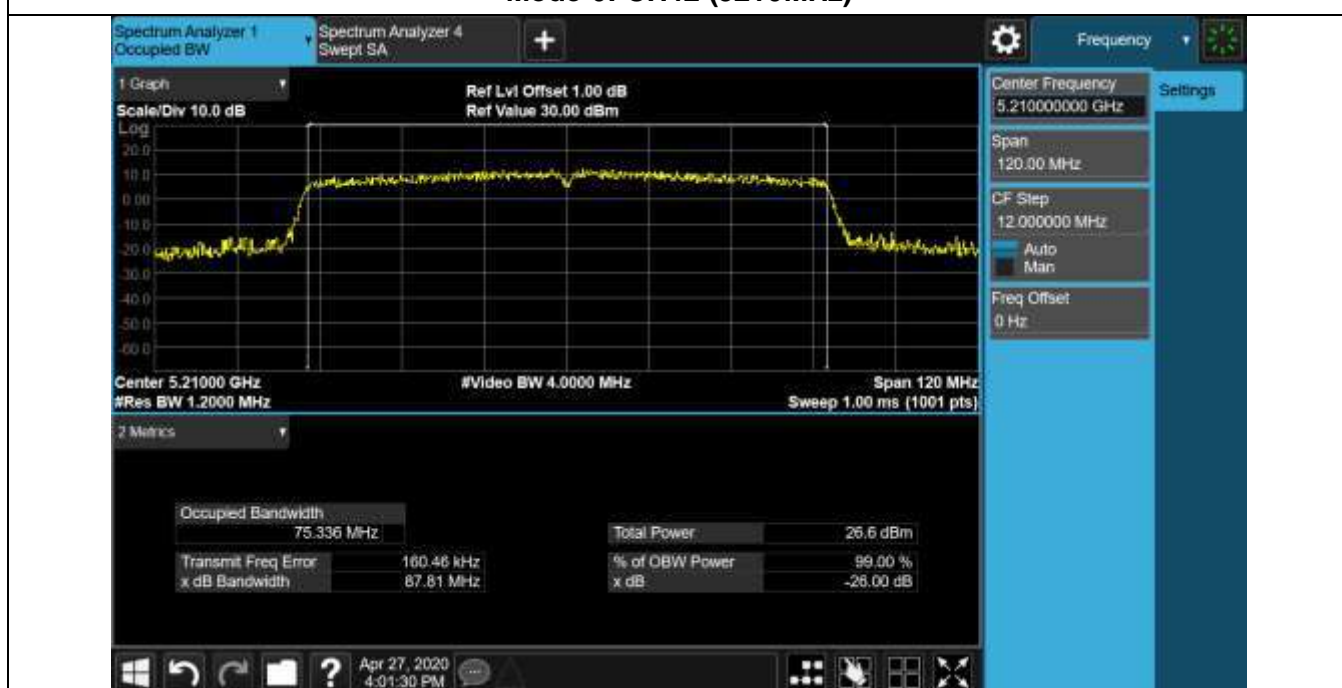
Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH38	5190	40.43	35.920	5172.04	Pass
CH46	5230	41.49	36.107	5248.054	Pass
CH54	5270	42.67	35.932	N/A	Pass
CH62	5310	43.06	36.011	N/A	Pass
CH102	5510	40.18	35.930	N/A	Pass
CH110	5550	40.21	35.978	N/A	Pass
CH134	5670	43.09	35.967	N/A	Pass

Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH42	5210	87.81	75.336	5172.332/5247.668	Pass
CH58	5290	80.54	75.354	N/A	Pass
CH106	5530	79.51	75.419	N/A	Pass

The worst case of Occupied Bandwidth as below:

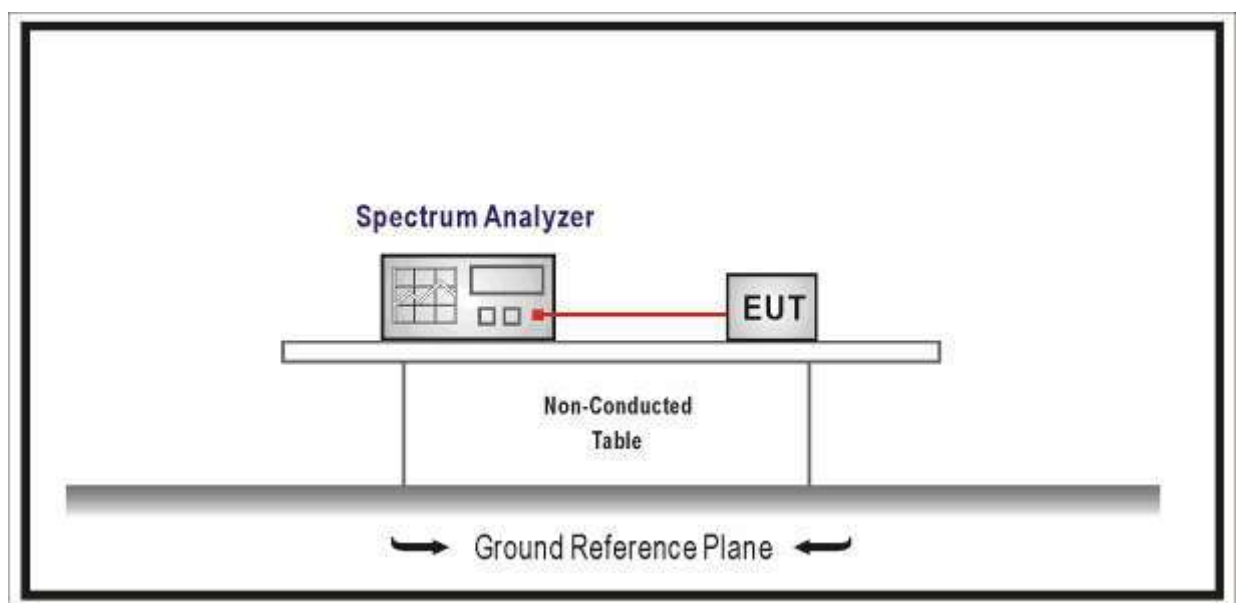
Mode 6: CH42 (5210MHz)

6. 6dB bandwidth

6.1. Test Equipment

6dB bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.09.28	2020.09.27
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.08.30	2020.08.29
Temperature/Humidity Meter	Zhichen	ZC1-2	TR8-TH	2019.09.02	2020.09.01
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup



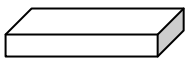
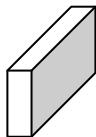
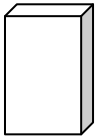




6.3. Limit

>500kHz

6.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
<input type="checkbox"/>	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	<input type="checkbox"/> ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	<input type="checkbox"/> ANSI C63.10	12.4.2	Occupied bandwidth (99%)
<input checked="" type="checkbox"/>	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	<input type="checkbox"/> FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	<input checked="" type="checkbox"/> FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
<input type="checkbox"/>	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

6.5. EUT test Axis definition

Item	6dB bandwidth				
Device Category	<input type="checkbox"/>	Indoor use			
	<input type="checkbox"/>	Outdoor use			
	<input type="checkbox"/>	Fix position use			
	<input checked="" type="checkbox"/>	Client use			
Test mode	Mode 1-6				
Test method	<input type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input checked="" type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1			
					
	<input type="checkbox"/>	Chain 1	Chain 2		
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

6.6. Test Result

Product Name	:	Mobile Computer			
Test Mode	:	Mode 1-6	Test Site	:	TR-8
Test Date	:	2020.04.27	Test Engineer	:	Pawn

Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	15.12	>500	Pass
157	5785	14.05		Pass
165	5825	11.89		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	14.06	>500	Pass
157	5785	14.69		Pass
165	5825	17.31		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
151	5755	28.57	>500	Pass
159	5795	28.18		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	15.04	>500	Pass
157	5785	15.07		Pass
165	5825	13.79		Pass

Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
151	5755	30.15	>500	Pass
159	5795	30.09		Pass

Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
155	5775	75.24	>500	Pass

The worst case of 6dB Bandwidth as below:

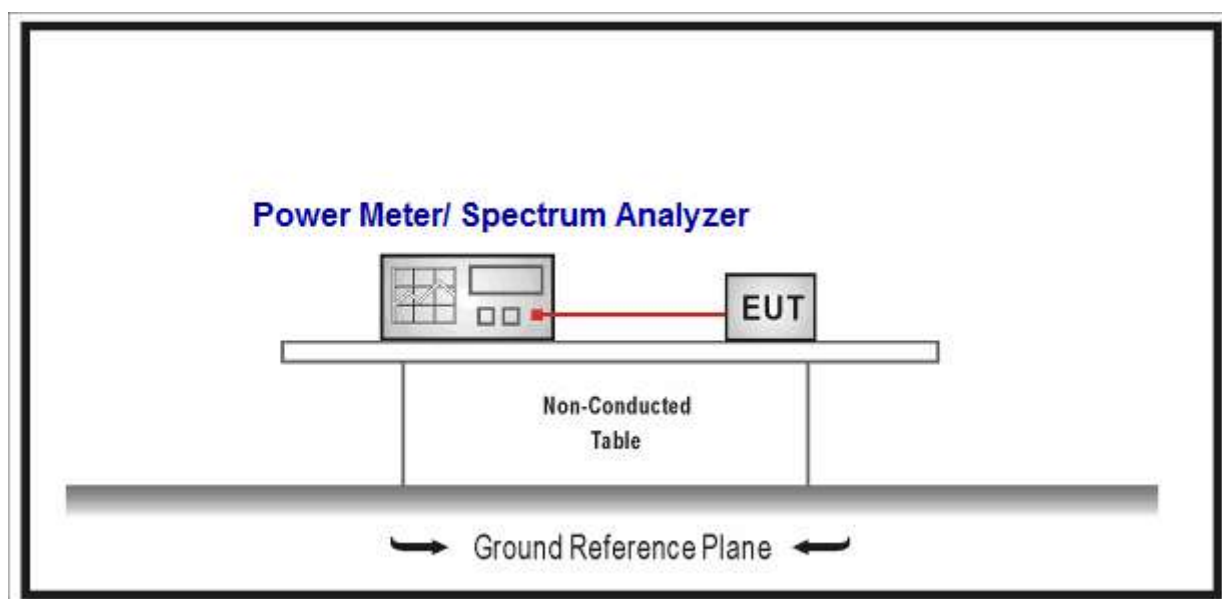
Mode 1: CH165 (5825MHz)

7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.09.28	2020.09.27
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.08.30	2020.08.29
Wideband Peak Power Meter	Anritsu	ML2495A	1613005	2019.10.28	2020.10.27
Power Sensor	Anritsu	MA2411B	1531092	2019.10.14	2020.10.13
Temperature/Humidity Meter	Zhichen	ZC1-2	TR8-TH	2019.09.02	2020.09.01
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup



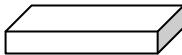
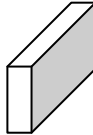
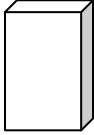
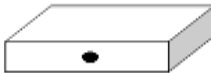
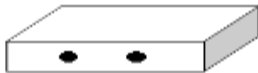
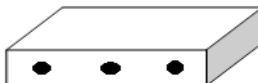

7.3. Limit

Fundamental emission output power Limit		
<input checked="" type="checkbox"/>	For the band 5.15-5.25 GHz	
	<input type="checkbox"/>	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$ and $\leq 125\text{mW}$ at any angle above 30 degrees
	<input type="checkbox"/>	Indoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
	<input type="checkbox"/>	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 23)$
	<input checked="" type="checkbox"/>	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 24 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.25-5.35 GHz:	
	<input checked="" type="checkbox"/>	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz:	
	<input checked="" type="checkbox"/>	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.725-5.85 GHz:	
	<input checked="" type="checkbox"/>	The maximum conducted output power over the frequency band of operation shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1: G_{TX} directional gain of transmitting antennas.		
Note 2: P_{out} is maximum conducted output power.		

7.4. Test Procedure

Fundamental emission output power Test Method				
	References Rule		Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10		12.3	Maximum conducted output power
	<input checked="" type="checkbox"/>	ANSI C63.10	12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		<input type="checkbox"/> ANSI C63.10	12.3.2.2	Method SA-1
		<input type="checkbox"/> ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		<input checked="" type="checkbox"/> ANSI C63.10	12.3.2.4	Method SA-2
		<input type="checkbox"/> ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		<input type="checkbox"/> ANSI C63.10	12.3.2.6	Method SA-3
		<input type="checkbox"/> ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	<input checked="" type="checkbox"/>	ANSI C63.10	12.3.3	Maximum conducted output power using a power meter
		<input type="checkbox"/> ANSI C63.10	12.3.3.1	Method PM
		<input checked="" type="checkbox"/> ANSI C63.10	12.3.3.2	Method PM-G

7.5. EUT test Axis definition

Item	output power				
Device Category	<input type="checkbox"/>	Indoor use			
	<input type="checkbox"/>	Outdoor use			
	<input type="checkbox"/>	Fix position use			
	<input checked="" type="checkbox"/>	Client use			
Test mode	Mode 1-6				
Test method	<input type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input checked="" type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1			
					
	<input type="checkbox"/>	Chain 1	Chain 2		
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

7.6. Test Result

Product Name	:	Mobile Computer			
Test Mode	:	Mode 1-6	Test Site	:	TR-8
Test Date	:	2020.05.08	Test Engineer	:	Pawn

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH36	5180	17.03	24.0	Pass
CH44	5220	17.71	24.0	Pass
CH48	5240	17.85	24.0	Pass
CH52	5260	19.32	24.0	Pass
CH60	5300	19.37	24.0	Pass
CH64	5320	17.53	24.0	Pass
CH100	5500	18.69	24.0	Pass
CH116	5580	17.71	24.0	Pass
CH140	5700	18.17	24.0	Pass
CH149	5745	17.34	30.0	Pass
CH157	5785	17.12	30.0	Pass
CH165	5825	16.19	30.0	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH36	5180	16.89	24.0	Pass
CH44	5220	18.35	24.0	Pass
CH48	5240	18.17	24.0	Pass
CH52	5260	18.53	24.0	Pass
CH60	5300	18.45	24.0	Pass
CH64	5320	18.56	24.0	Pass
CH100	5500	18.61	24.0	Pass
CH116	5580	18.89	24.0	Pass
CH140	5700	18.97	24.0	Pass
CH149	5745	18.88	30.0	Pass
CH157	5785	18.79	30.0	Pass
CH165	5825	18.45	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH38	5190	15.01	24.0	Pass
CH46	5230	17.31	24.0	Pass
CH54	5270	17.48	24.0	Pass
CH62	5310	16.48	24.0	Pass
CH102	5510	17.28	24.0	Pass
CH110	5550	17.34	24.0	Pass
CH134	5670	17.89	24.0	Pass
CH151	5755	17.89	30.0	Pass
CH159	5795	17.74	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH36	5180	17.87	24.0	Pass
CH44	5220	18.52	24.0	Pass
CH48	5240	18.81	24.0	Pass
CH52	5260	18.93	24.0	Pass
CH60	5300	18.21	24.0	Pass
CH64	5320	18.85	24.0	Pass
CH100	5500	18.82	24.0	Pass
CH116	5580	18.64	24.0	Pass
CH140	5700	18.89	24.0	Pass
CH149	5745	18.91	30.0	Pass
CH157	5785	18.79	30.0	Pass
CH165	5825	18.56	30.0	Pass

Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH38	5190	14.95	24.0	Pass
CH46	5230	17.71	24.0	Pass
CH54	5270	17.47	24.0	Pass
CH62	5310	16.57	24.0	Pass
CH102	5510	17.27	24.0	Pass
CH110	5550	17.26	24.0	Pass
CH134	5670	17.88	24.0	Pass
CH151	5755	17.57	30.0	Pass
CH159	5795	17.41	30.0	Pass

Mode 6: Transmit by 802.11ac(80MHz)

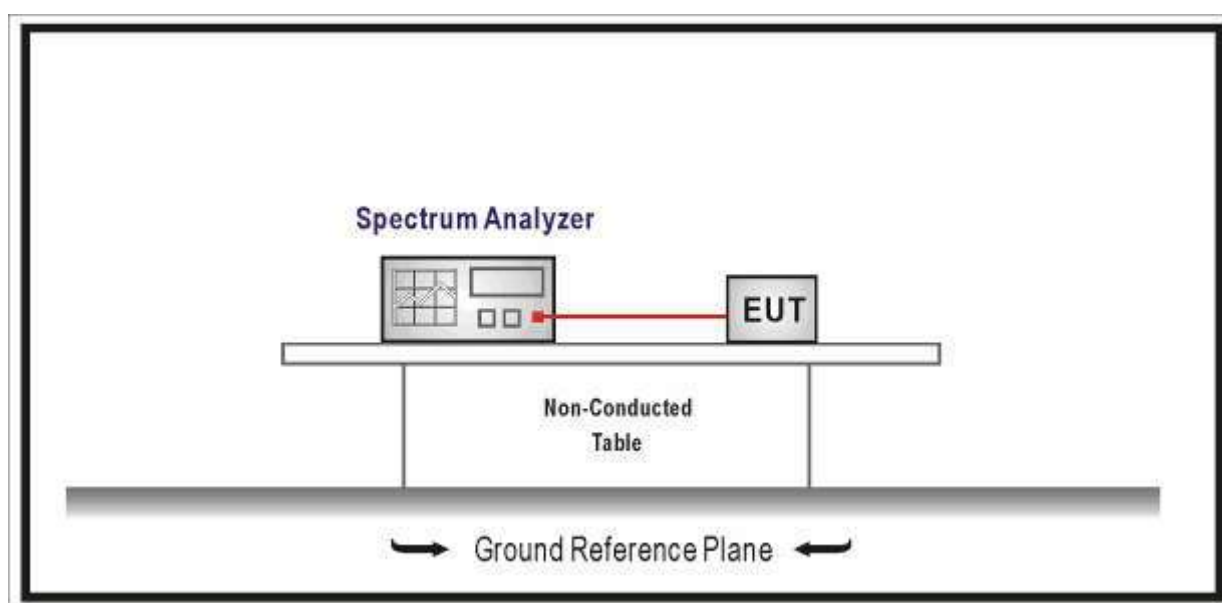
Channel No.	Frequency (MHz)	Measurement Power (dBm)	Limit (dBm)	Result
CH42	5210	13.82	24.0	Pass
CH58	5290	14.53	24.0	Pass
CH106	5530	17.66	24.0	Pass
CH155	5775	17.05	30.0	Pass

8. Peak Power Spectral Density

8.1. Test Equipment

Peak Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.09.28	2020.09.27
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.08.30	2020.08.29
Temperature/Humidity Meter	Zhichen	ZC1-2	TR8-TH	2019.09.02	2020.09.01
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup



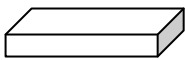
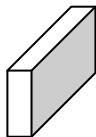
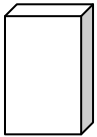




8.3. Limit

Fundamental emission output power Limit	
<input checked="" type="checkbox"/>	For the band 5.15-5.25 GHz
<input type="checkbox"/>	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
<input type="checkbox"/>	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
<input type="checkbox"/>	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 23)$
<input checked="" type="checkbox"/>	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz:
<input checked="" type="checkbox"/>	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz:
<input checked="" type="checkbox"/>	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.725-5.85 GHz:
<input checked="" type="checkbox"/>	The maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1: G_{TX} directional gain of transmitting antennas.	
Note 2: P_{out} is maximum peak conducted output power.	

8.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	12.5	Peak power spectral density
<input checked="" type="checkbox"/>	FCC KDB 789033 D02v02r01	F	Maximum Power Spectral Density (PSD)

8.5. EUT test Axis definition

Item	Power Spectral Density				
Device Category	<input type="checkbox"/>	Indoor use			
	<input type="checkbox"/>	Outdoor use			
	<input type="checkbox"/>	Fix position use			
	<input checked="" type="checkbox"/>	Client use			
Test mode	Mode 1-6				
Test method	<input type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input checked="" type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1			
					
	<input type="checkbox"/>	Chain 1	Chain 2		
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

8.6. Test Result

Product Name	:	Mobile Computer			
Test Mode	:	Mode 1~6	Test Site	:	TR-8
Test Date	:	2020.07.21	Test Engineer	:	Pawn

Mode 1: Transmit by 802.11a						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	6.004	0.17	6.174	11	Pass
CH44	5220	6.828	0.17	6.998	11	Pass
CH48	5240	7.206	0.17	7.376	11	Pass
CH52	5260	8.728	0.17	8.898	11	Pass
CH60	5300	8.971	0.17	9.141	11	Pass
CH64	5320	7.350	0.17	7.520	11	Pass
CH100	5500	8.721	0.17	8.891	11	Pass
CH116	5580	7.755	0.17	7.925	11	Pass
CH140	5700	7.921	0.17	8.091	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH149	5745	0.199	0.17	7.359	30	Pass
CH157	5785	-0.375	0.17	6.785	30	Pass
CH165	5825	-1.125	0.17	6.035	30	Pass

Note: For 5725 ~ 5850MHz, reduced RBW 100kHz is used, the total measurement PSD should add $10\log(500\text{kHz}/100\text{kHz})$.

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	5.815	0.18	5.995	11	Pass
CH44	5220	7.840	0.18	8.020	11	Pass
CH48	5240	7.998	0.18	8.178	11	Pass
CH52	5260	7.639	0.18	7.819	11	Pass
CH60	5300	7.466	0.18	7.646	11	Pass
CH64	5320	7.742	0.18	7.922	11	Pass
CH100	5500	8.855	0.18	9.035	11	Pass
CH116	5580	8.237	0.18	8.417	11	Pass
CH140	5700	8.158	0.18	8.338	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH149	5745	0.933	0.18	8.103	30	Pass
CH157	5785	0.943	0.18	8.113	30	Pass
CH165	5825	0.458	0.18	7.628	30	Pass

Note: For 5725 ~ 5850MHz, reduced RBW 100kHz is used, the total measurement PSD should add $10\log(500\text{kHz}/100\text{kHz})$.

Mode 3: Transmit by 802.11n(40MHz)

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH38	5190	0.932	0.36	1.292	11	Pass
CH46	5230	4.635	0.36	4.995	11	Pass
CH54	5270	4.206	0.36	4.566	11	Pass
CH62	5310	3.070	0.36	3.430	11	Pass
CH102	5510	4.815	0.36	5.175	11	Pass
CH110	5550	4.765	0.36	5.125	11	Pass
CH134	5670	5.152	0.36	5.512	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH151	5755	-3.030	0.36	4.320	30	Pass
CH159	5795	-3.191	0.36	4.159	30	Pass

Note: For 5725 ~ 5850MHz, reduced RBW 100kHz is used, the total measurement PSD should add $10\log(500\text{kHz}/100\text{kHz})$.

Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	6.745	0.23	6.975	11	Pass
CH44	5220	7.556	0.23	7.786	11	Pass
CH48	5240	7.927	0.23	8.157	11	Pass
CH52	5260	8.699	0.23	8.929	11	Pass
CH60	5300	7.988	0.23	8.218	11	Pass
CH64	5320	7.692	0.23	7.922	11	Pass
CH100	5500	9.622	0.23	9.852	11	Pass
CH116	5580	8.620	0.23	8.850	11	Pass
CH140	5700	8.219	0.23	8.449	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH149	5745	1.196	0.23	8.416	30	Pass
CH157	5785	0.577	0.23	7.797	30	Pass
CH165	5825	0.559	0.23	7.779	30	Pass

Note: For 5725 ~ 5850MHz, reduced RBW 100kHz is used, the total measurement PSD should add $10\log(500\text{kHz}/100\text{kHz})$.

Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH38	5190	1.415	0.37	1.785	11	Pass
CH46	5230	4.292	0.37	4.662	11	Pass
CH54	5270	4.102	0.37	4.472	11	Pass
CH62	5310	3.271	0.37	3.641	11	Pass
CH102	5510	5.531	0.37	5.901	11	Pass
CH110	5550	5.010	0.37	5.380	11	Pass
CH134	5670	5.126	0.37	5.496	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH151	5755	-2.566	0.37	4.794	30	Pass
CH159	5795	-3.055	0.37	4.305	30	Pass

Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
CH42	5210	-2.219	1.00	-1.219	11	Pass
CH58	5290	-1.695	1.00	-0.695	11	Pass
CH106	5530	1.426	1.00	2.426	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/100KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Limit (dBm/500KHz)
CH155	5775	-6.565	1.00	1.425	30	Pass

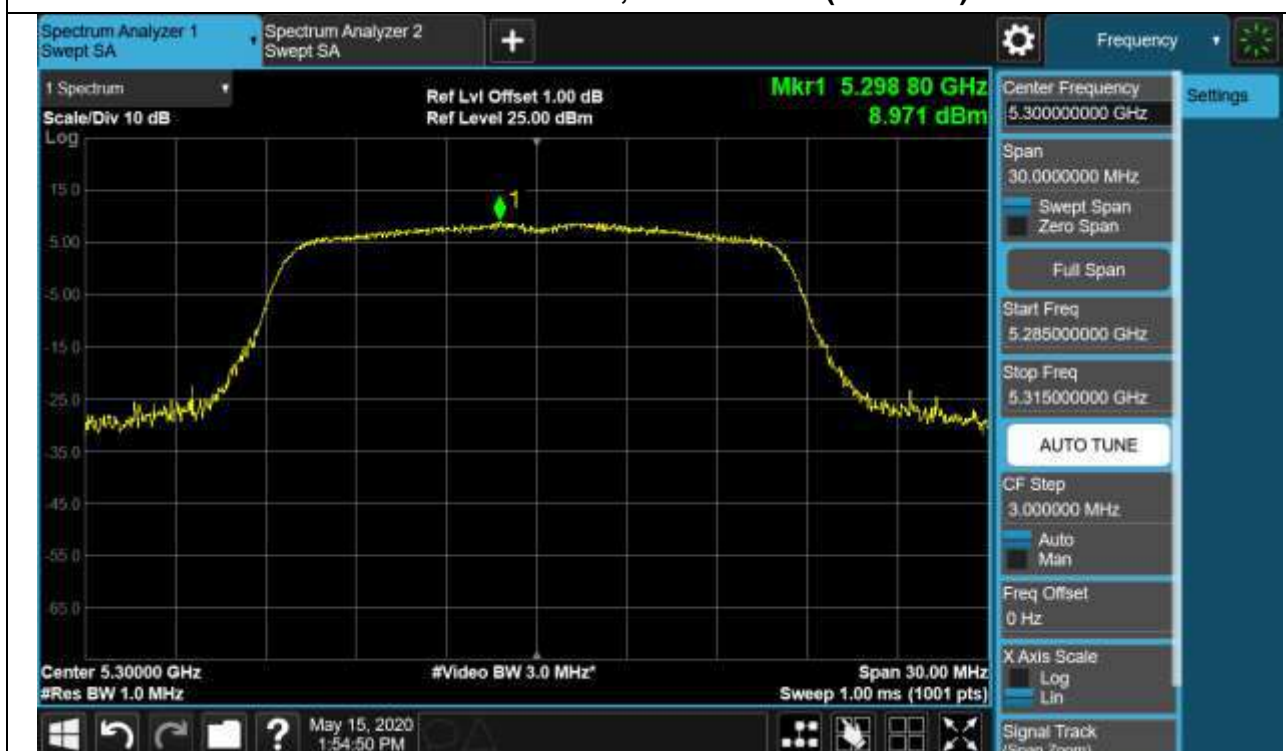
Note: For 5725 ~ 5850MHz, reduced RBW 100kHz is used, the total measurement PSD should add $10\log(500\text{kHz}/100\text{kHz})$.

The worst case of Peak Power Spectral Density as below:

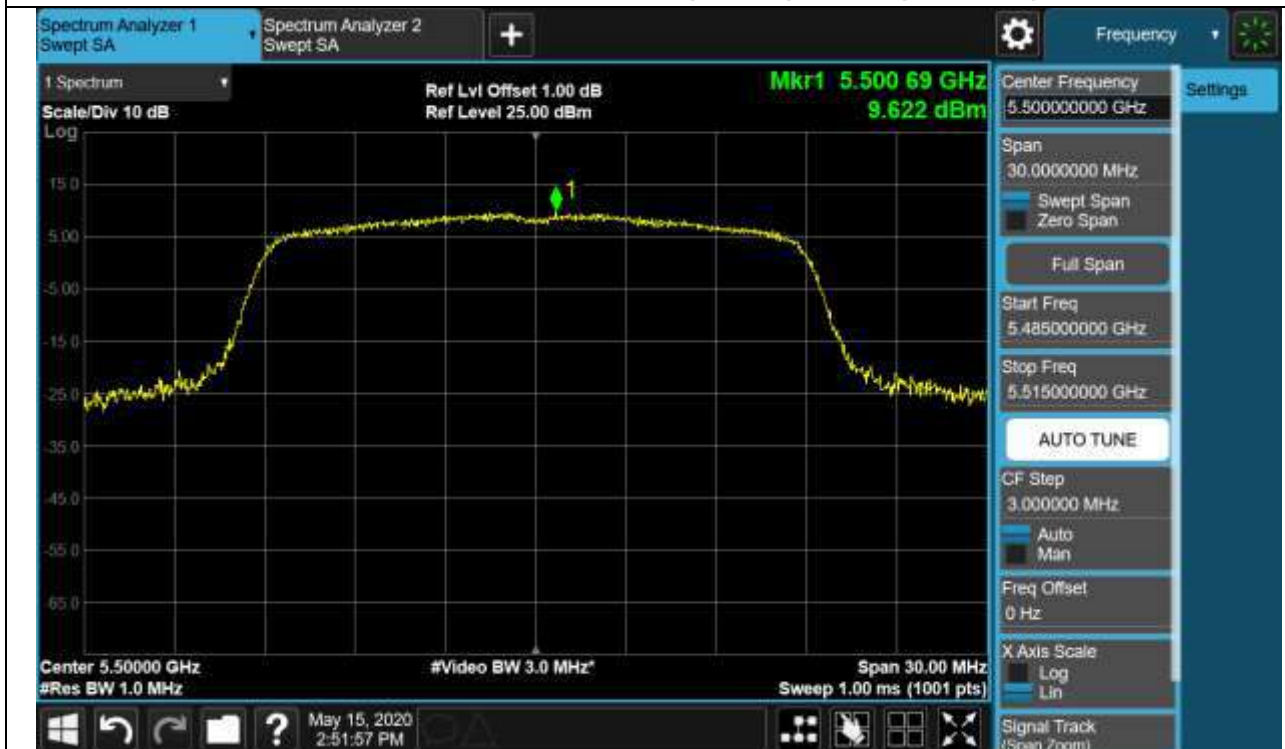
For 5150~5250 MHz, 802.11n(20MHz) CH48(5240MHz)



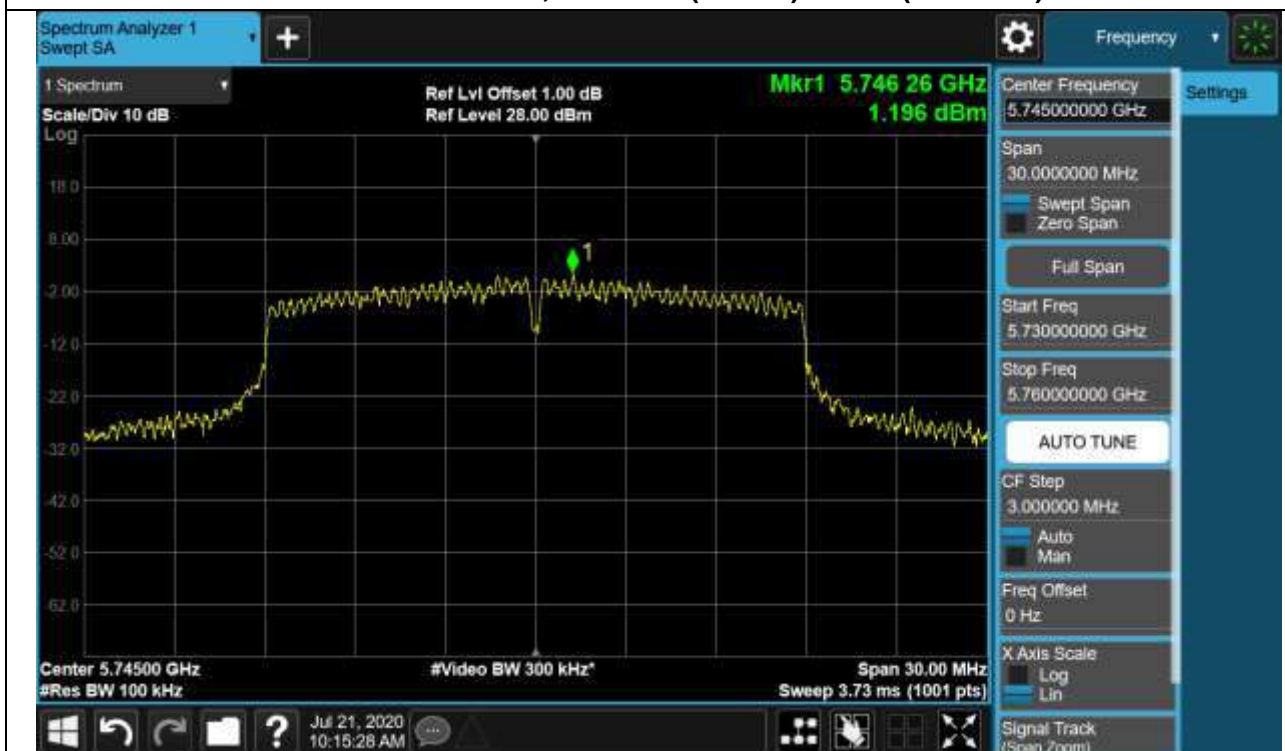
For 5250~5350 MHz, 802.11a CH60(5300MHz)



For 5470~5725 MHz, 802.11ac(20MHz) CH100(5500MHz)



For 5725~5850 MHz, 802.11 ac(20MHz) CH149(5745MHz)



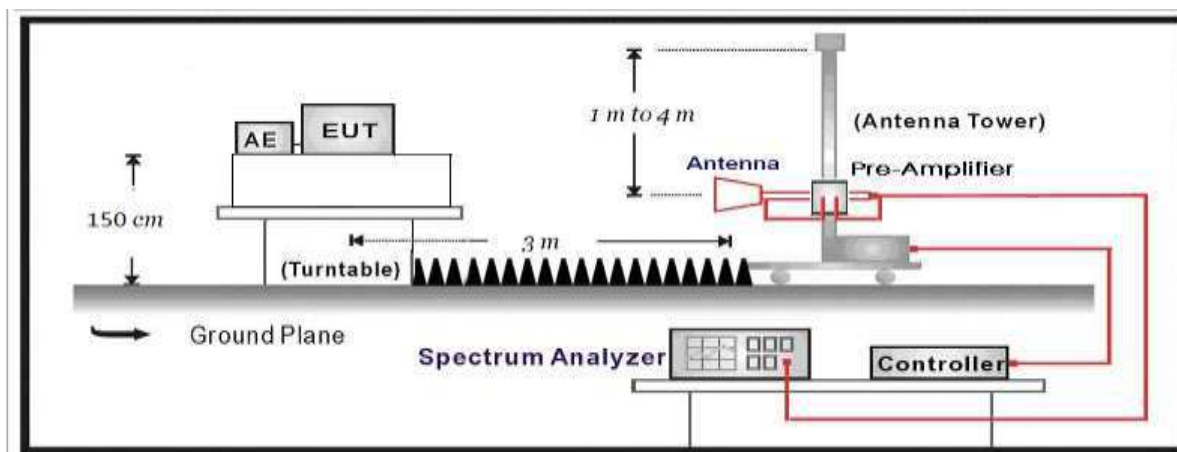
9. Band Edge

9.1. Test Equipment

Band Edge / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	R&S	FSV	104212	2019.12.28	2020.12.27
Signal analyzer	Agilent	E4446A	MY45300103	2020.05.08	2021.05.07
low Noise Amplifier	BXT	NA2651D	LNA17040209	2020.04.13	2021.04.12
Pre-Amplifier	EMCI	EMC184045SE	980263	2020.05.24	2021.05.23
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2020.05.25	2021.05.24
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2019.03.23	2021.03.22
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2020.04.13	2021.04.12
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G	2020.04.18	2021.04.17
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2019.09.02	2020.09.01
Quietek EMI V3(test software)	Quietek	N/A	N/A	N/A	N/A

Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



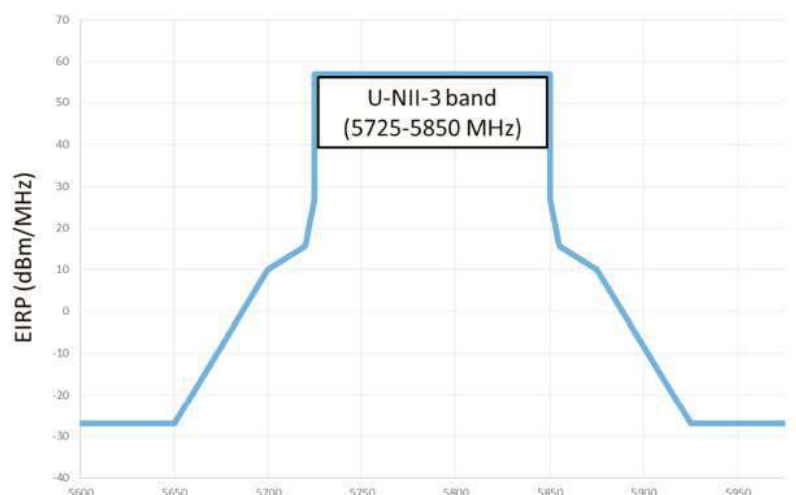
9.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dB μ V/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

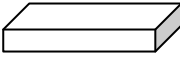
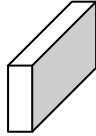
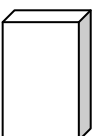




FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart E Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850		

9.4. Test Procedure

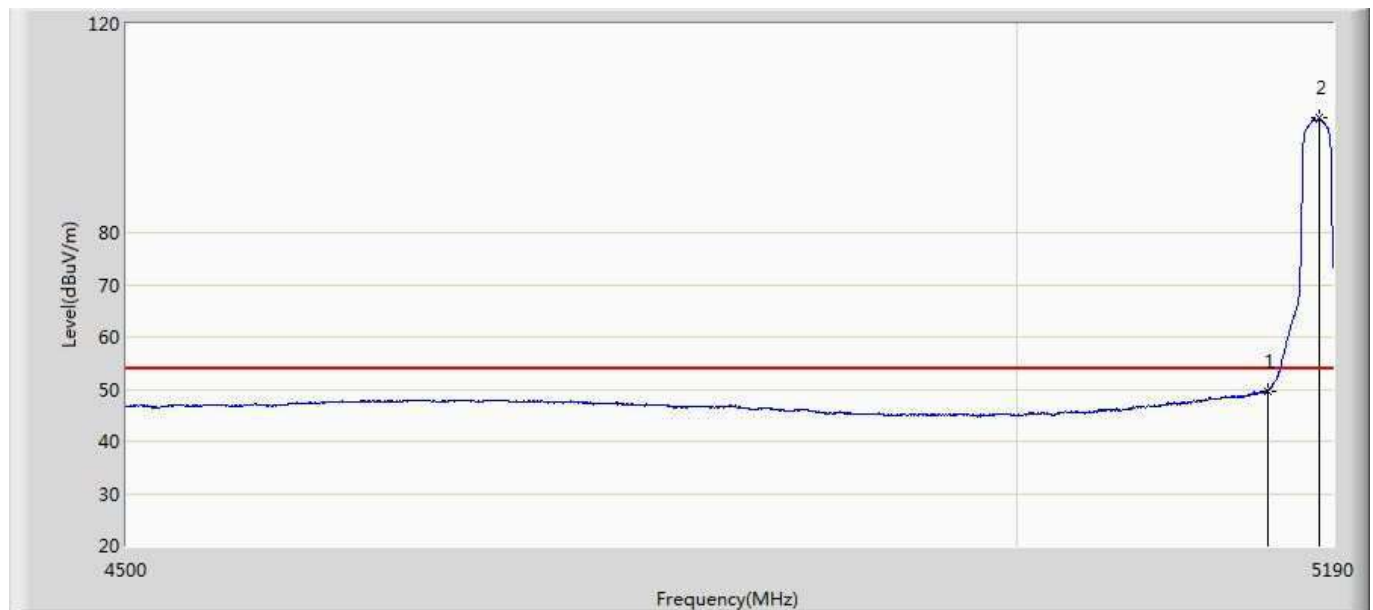
Test Method				
	References Rule		Chapter	Description
<input type="checkbox"/>	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
<input checked="" type="checkbox"/>	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.5	Radiated emission measurements
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	<input type="checkbox"/>	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	<input checked="" type="checkbox"/>	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	<input type="checkbox"/>	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	<input type="checkbox"/>	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	<input type="checkbox"/>	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
<input type="checkbox"/>	FCC KDB 789033 D02v02r01		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
<input type="checkbox"/>	FCC KDB 789033 D02v02r01		G.1	Unwanted Emissions in the Restricted Bands
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	<input type="checkbox"/>	FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

9.5. EUT test Axis definition

Item	Band Edge			
Device Category	<input type="checkbox"/>	Indoor use		
	<input type="checkbox"/>	Outdoor use		
	<input type="checkbox"/>	Fix position use		
	<input checked="" type="checkbox"/>	Client use		
Test mode	Mode 1-6			
Test method	<input checked="" type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input checked="" type="checkbox"/>
	<input type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 1		
				
	<input type="checkbox"/>	Chain 1	Chain 2	
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				

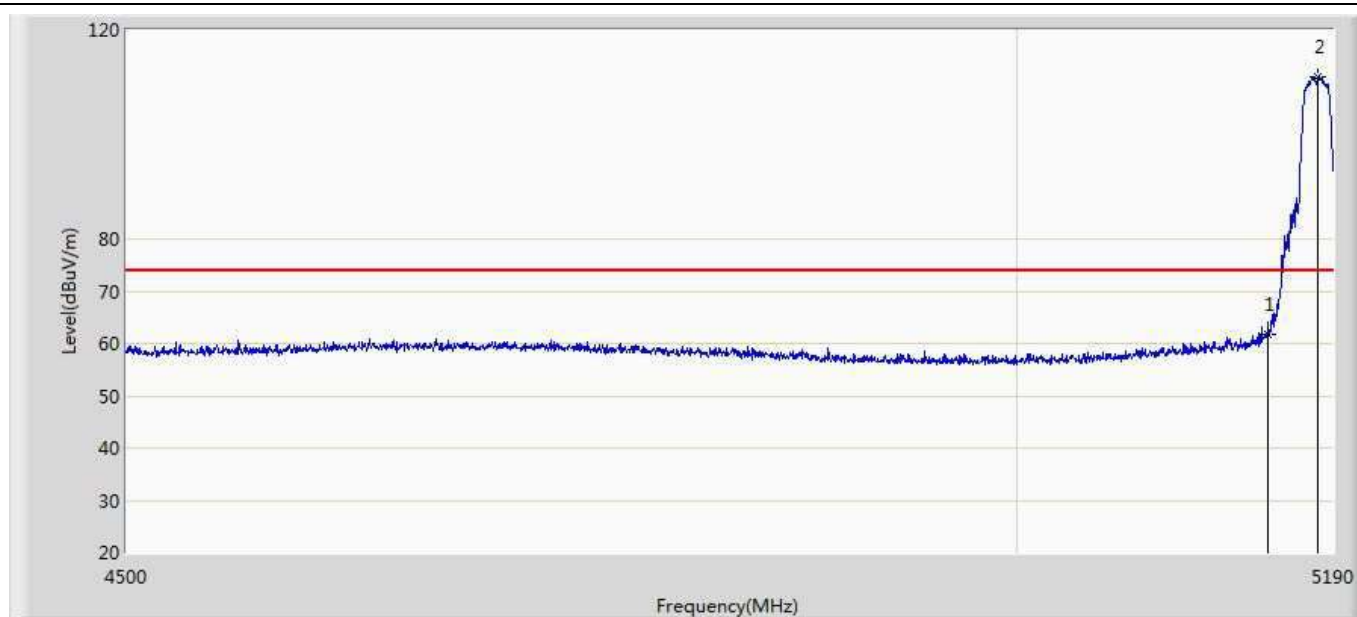
9.6. Test Result

Profile: 2040625R	Page No.: 1
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



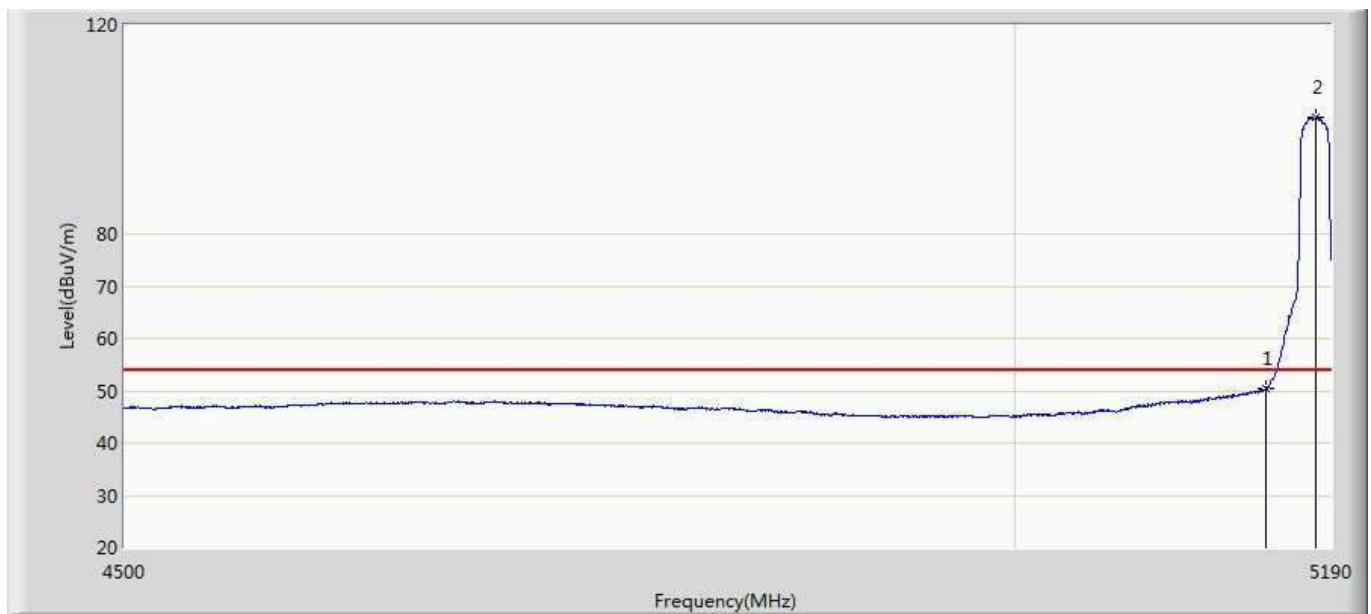
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.645	10.191	-4.355	54.000	39.454	AV
2	*	5181.375	102.042	62.538	48.042	54.000	39.504	AV

Profile: 2040625R	Page No.: 2
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



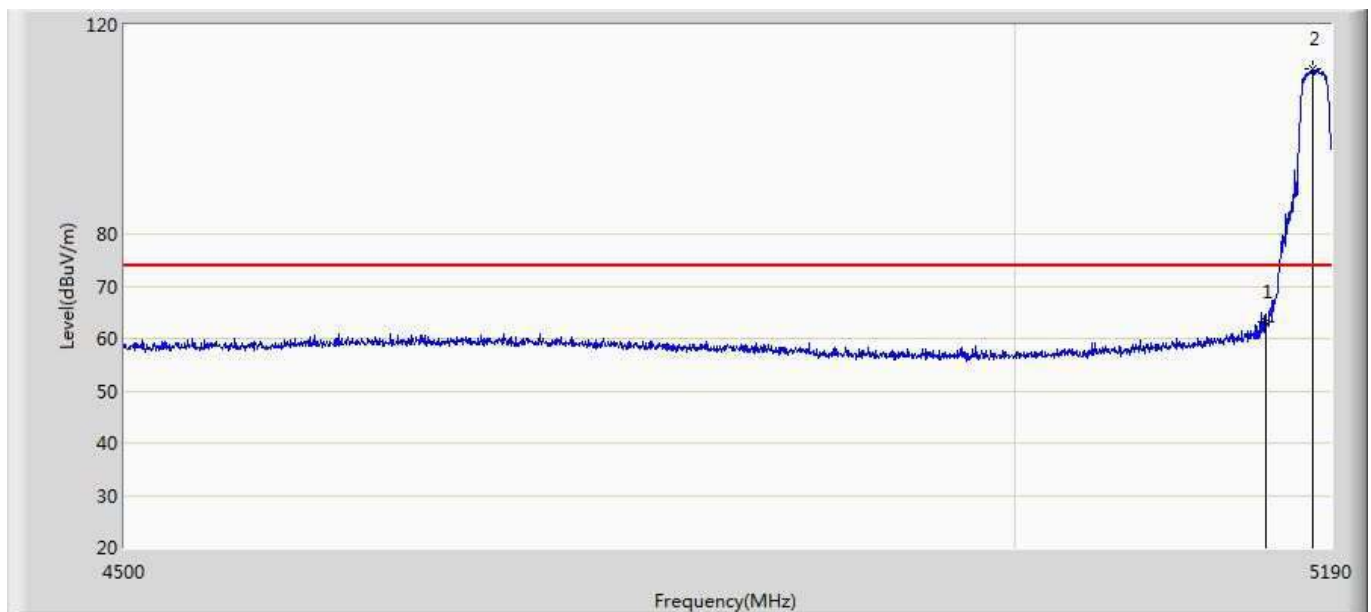
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.760	22.306	-12.240	74.000	39.454	PK
2	*	5180.340	111.142	71.631	37.142	74.000	39.511	PK

Profile: 2040625R	Page No.: 3
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



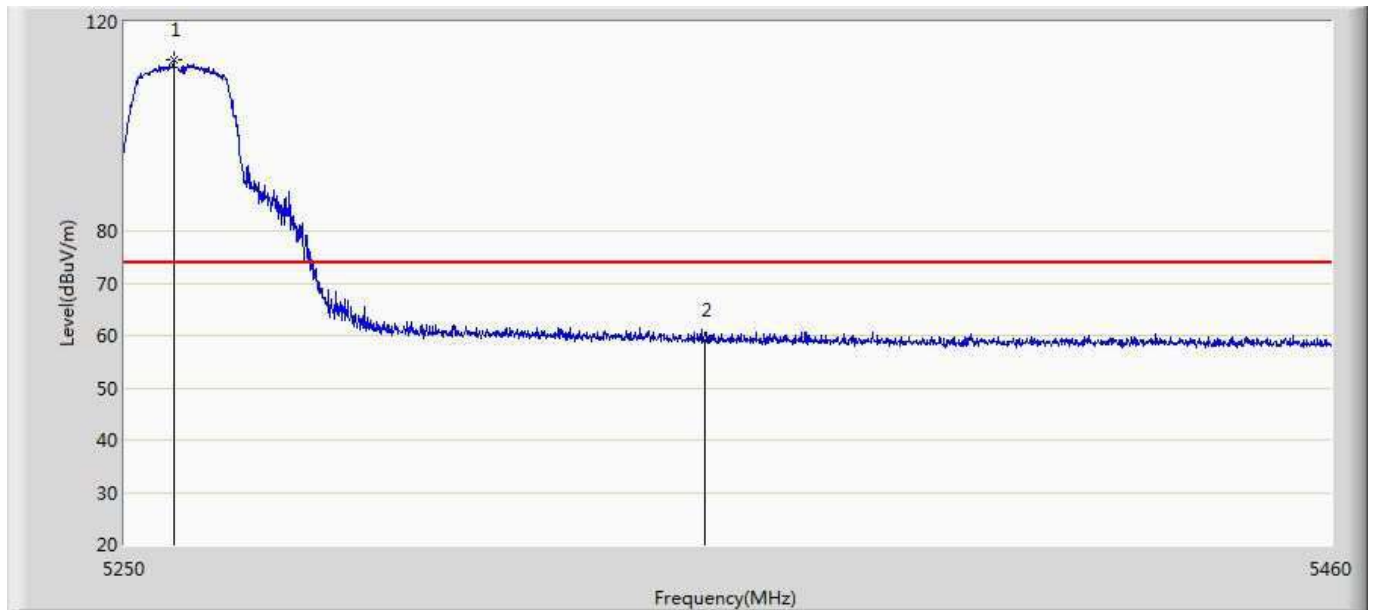
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.309	10.855	-3.691	54.000	39.454	AV
2	*	5180.685	102.456	62.947	48.456	54.000	39.509	AV

Profile: 2040625R	Page No.: 4
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5180MHz by 802.11a	



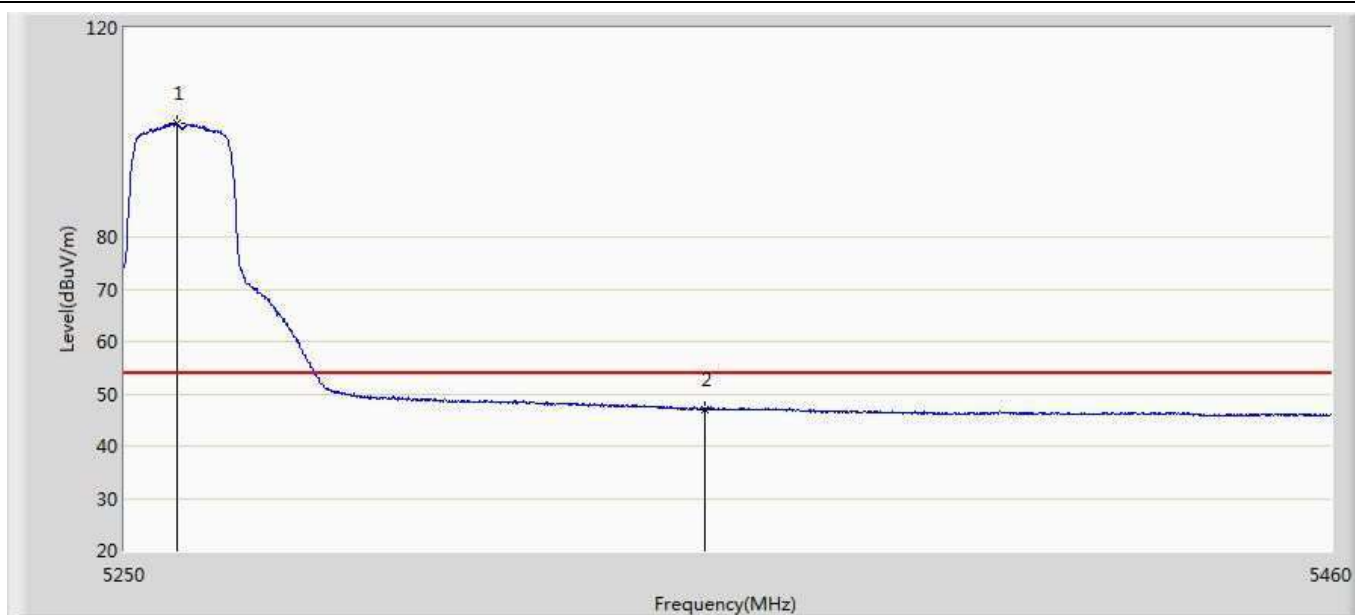
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.087	23.633	-10.913	74.000	39.454	PK
2	*	5178.960	111.693	72.172	37.693	74.000	39.520	PK

Profile: 2040625R	Page No.: 9
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 08:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260Mhz by 802.11a	



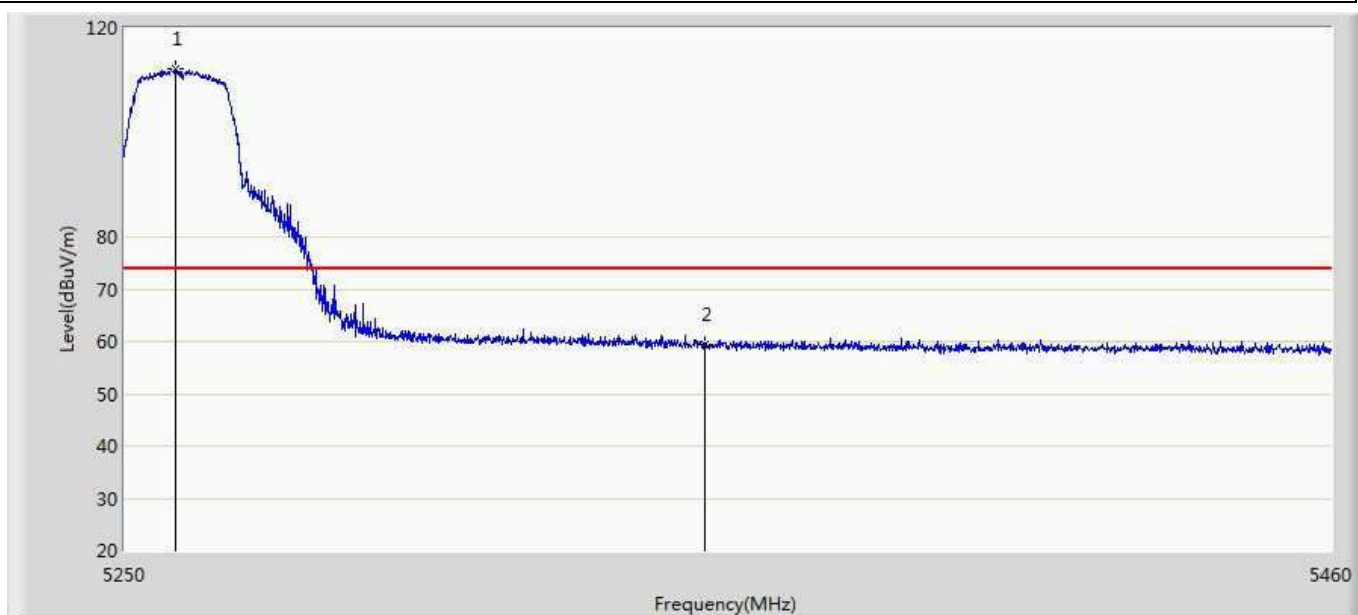
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5258.505	112.645	72.835	38.645	74.000	39.810	PK
2		5350.000	59.156	19.205	-14.844	74.000	39.951	PK

Profile: 2040625R	Page No.: 10
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 08:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260Mhz by 802.11a	



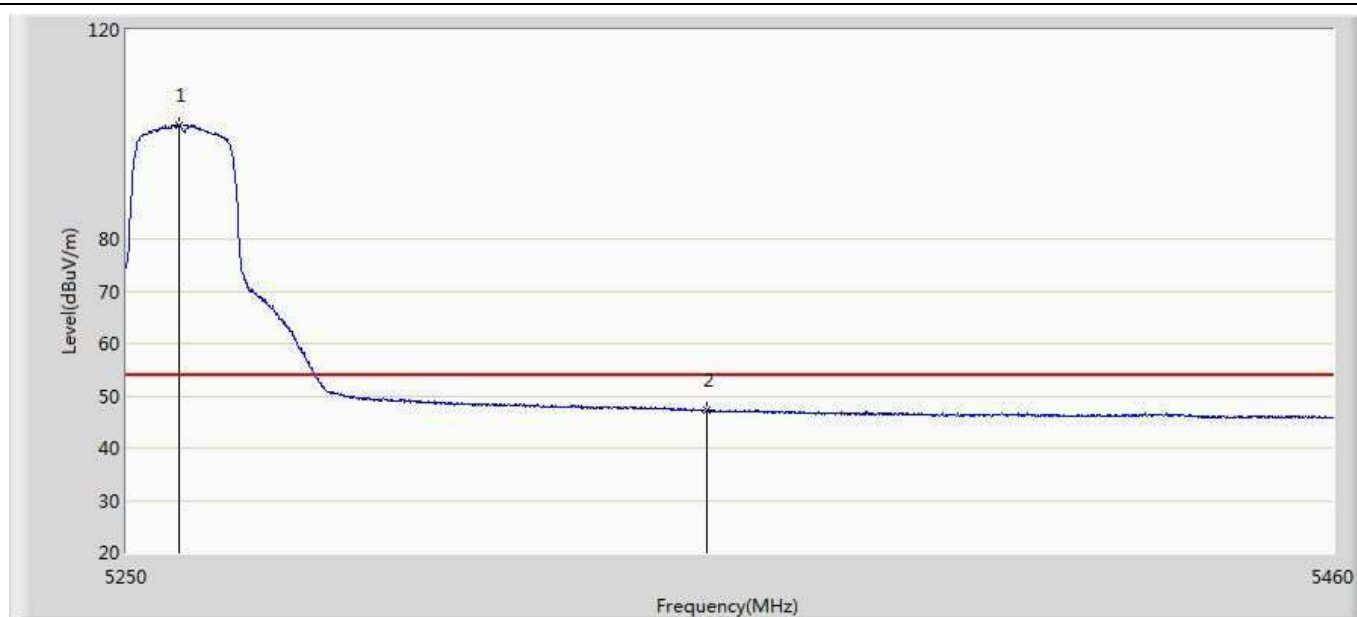
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5258.925	101.666	61.860	47.666	54.000	39.806	AV
2		5350.000	47.093	7.142	-6.907	54.000	39.951	AV

Profile: 2040625R	Page No.: 11
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 08:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260Mhz by 802.11a	



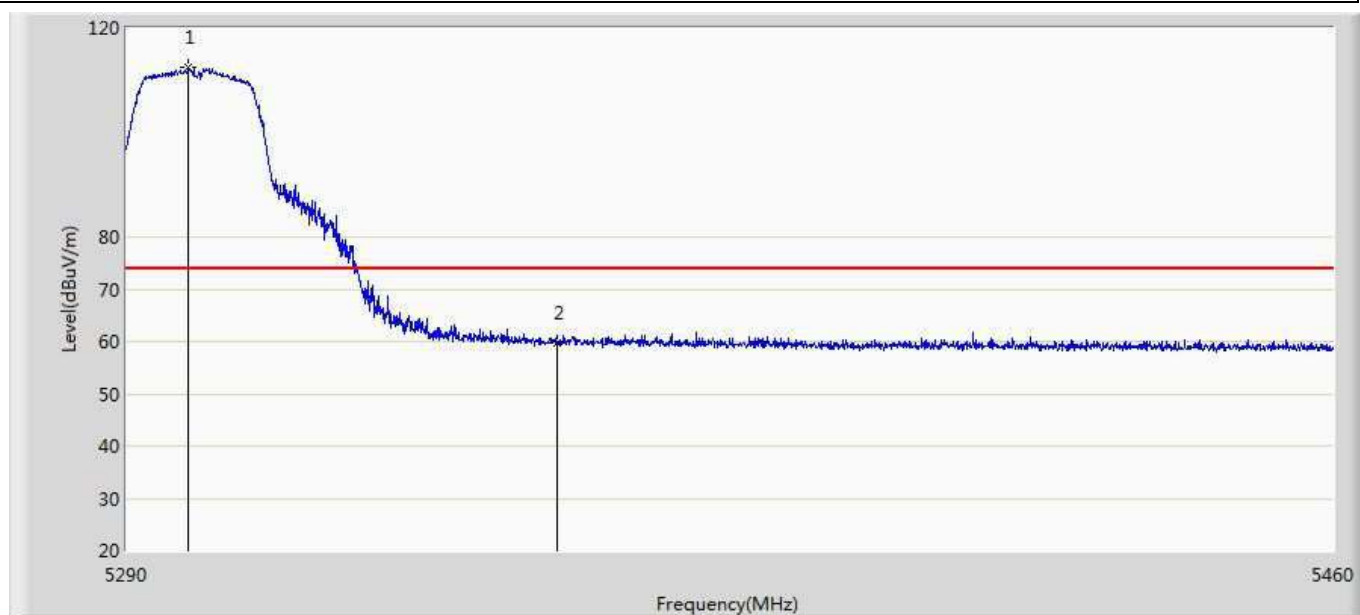
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5258.820	112.122	72.315	38.122	74.000	39.807	PK
2		5350.000	59.320	19.369	-14.680	74.000	39.951	PK

Profile: 2040625R	Page No.: 12
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 08:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5260Mhz by 802.11a	



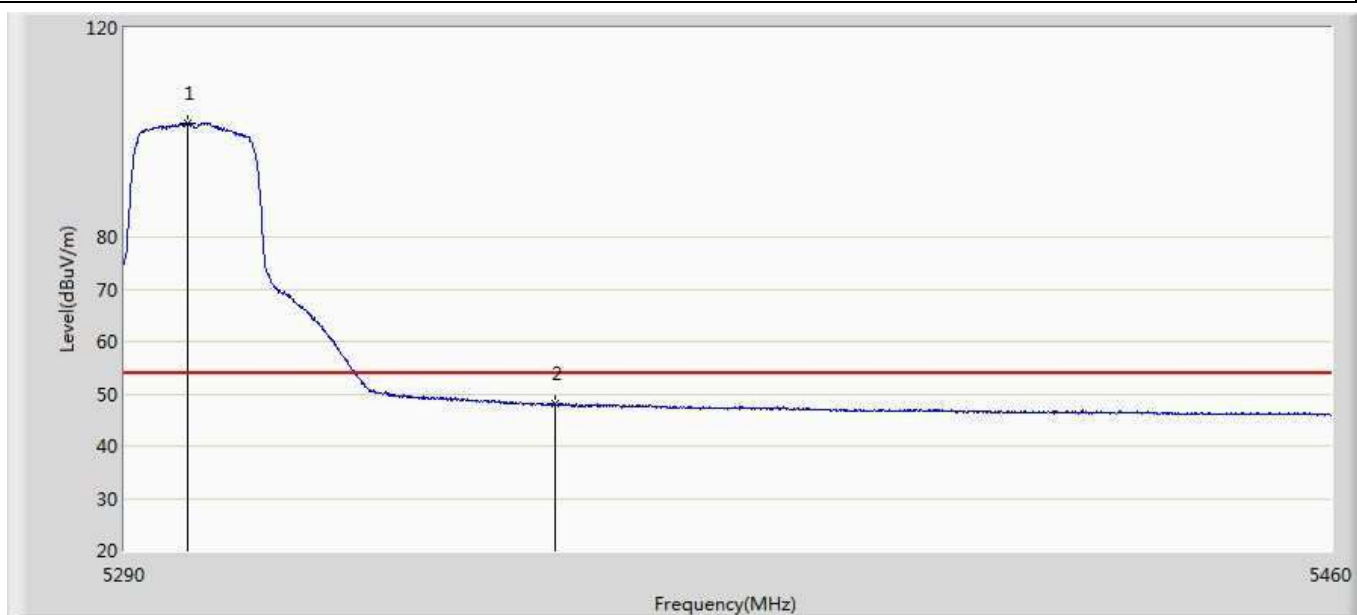
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5258.925	101.690	61.884	47.690	54.000	39.806	AV
2		5350.000	47.248	7.297	-6.752	54.000	39.951	AV

Profile: 2040625R	Page No.: 13
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300Mhz by 802.11a	



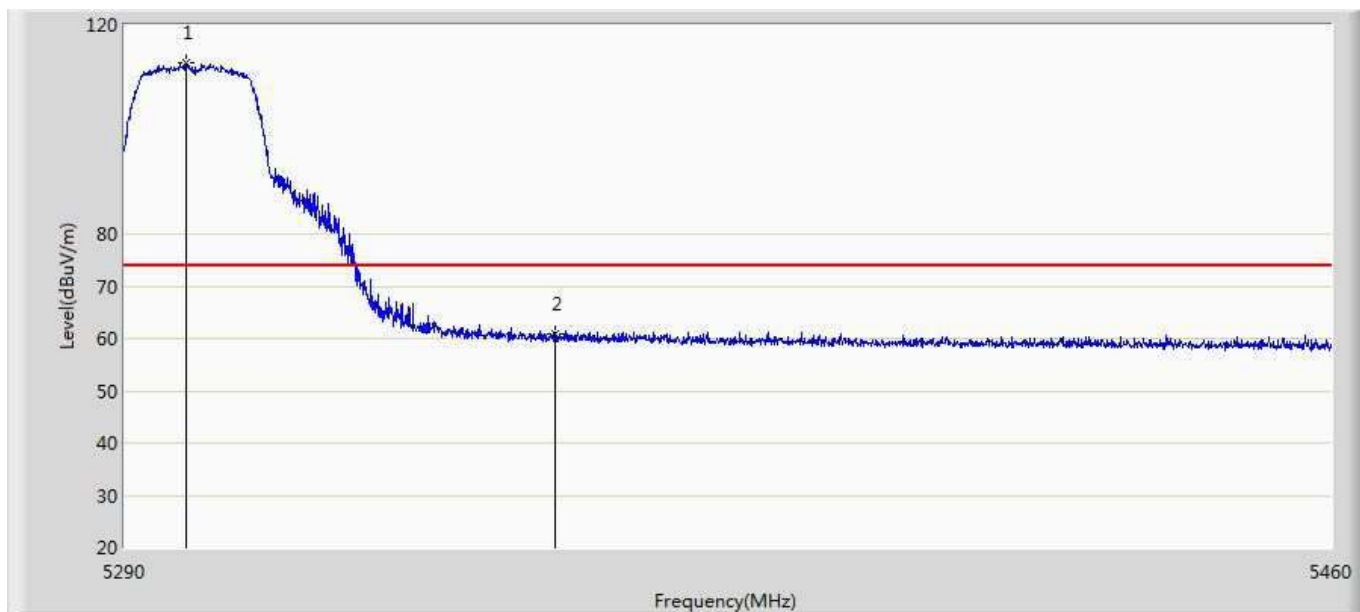
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.670	112.449	72.584	38.449	74.000	39.866	PK
2		5350.000	59.845	19.894	-14.155	74.000	39.951	PK

Profile: 2040625R	Page No.: 14
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300Mhz by 802.11a	



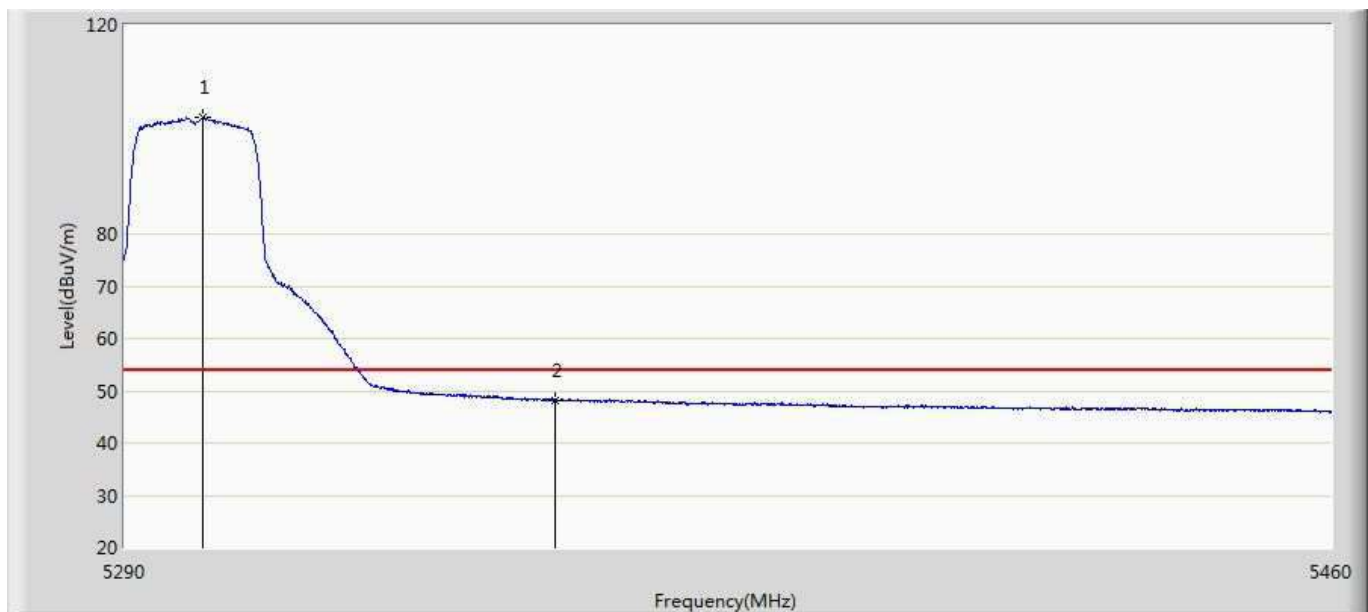
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.840	101.866	62.001	47.866	54.000	39.865	AV
2		5350.000	48.006	8.055	-5.994	54.000	39.951	AV

Profile: 2040625R	Page No.: 15
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300Mhz by 802.11a	



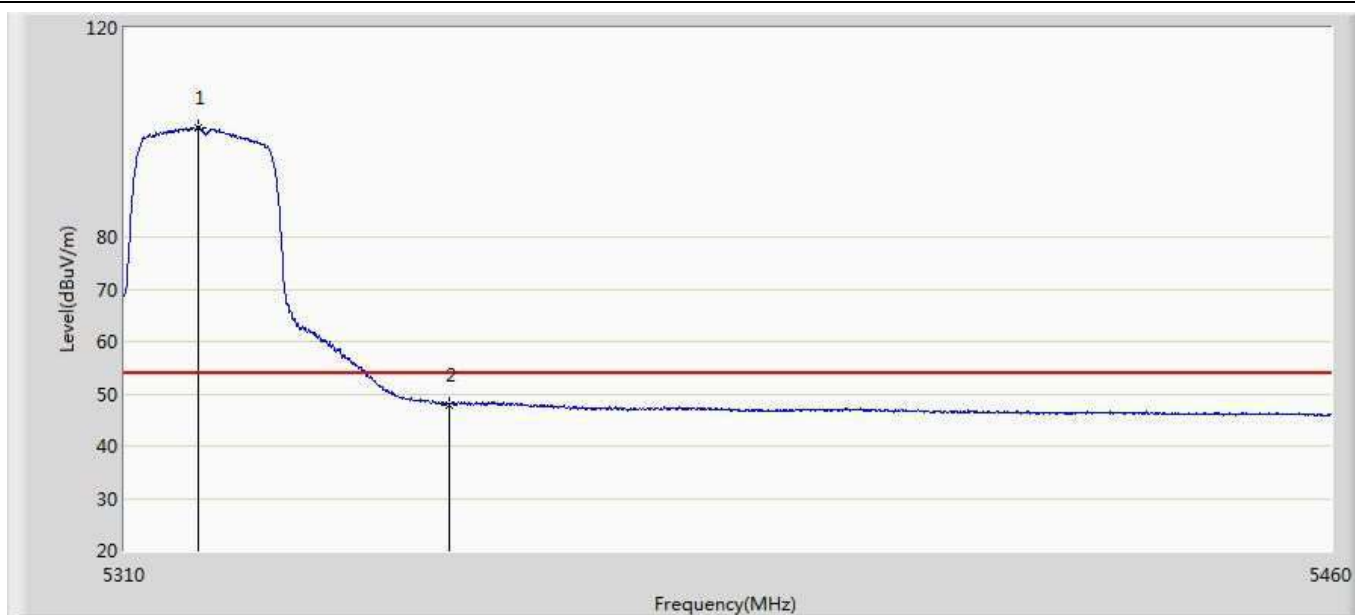
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.670	112.640	72.775	38.640	74.000	39.866	PK
2		5350.000	60.893	20.942	-13.107	74.000	39.951	PK

Profile: 2040625R	Page No.: 16
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5300Mhz by 802.11a	



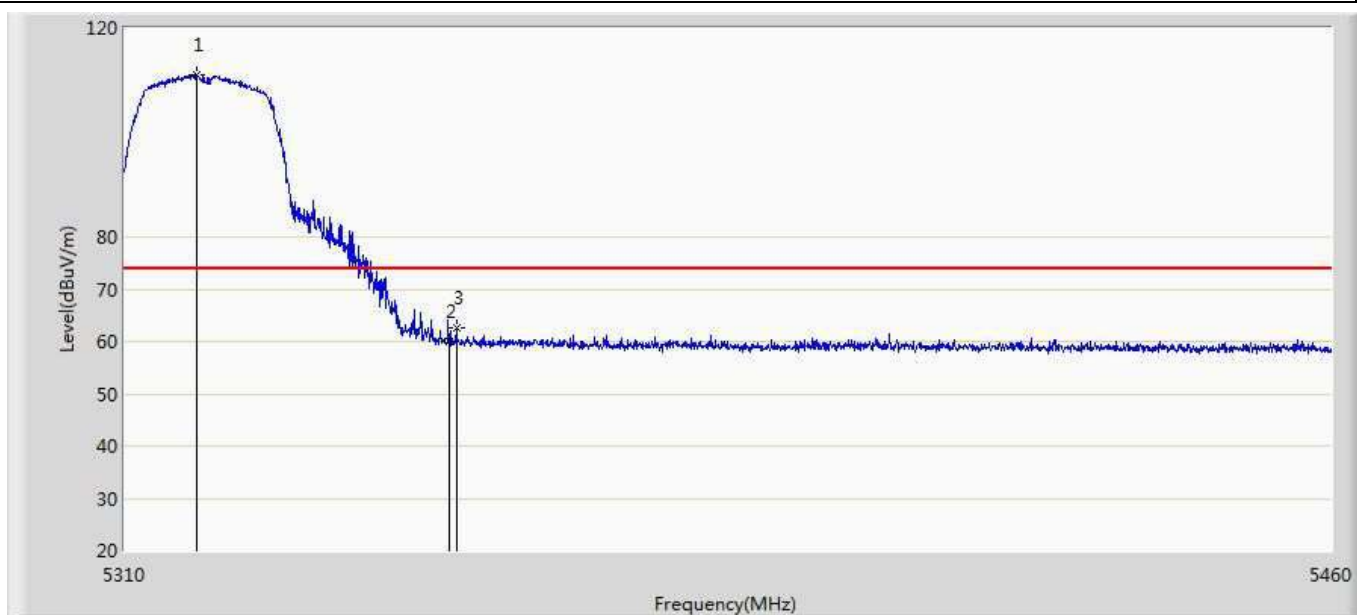
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5300.965	102.211	62.347	48.211	54.000	39.864	AV
2		5350.000	48.236	8.285	-5.764	54.000	39.951	AV

Profile: 2040625R	Page No.: 5
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



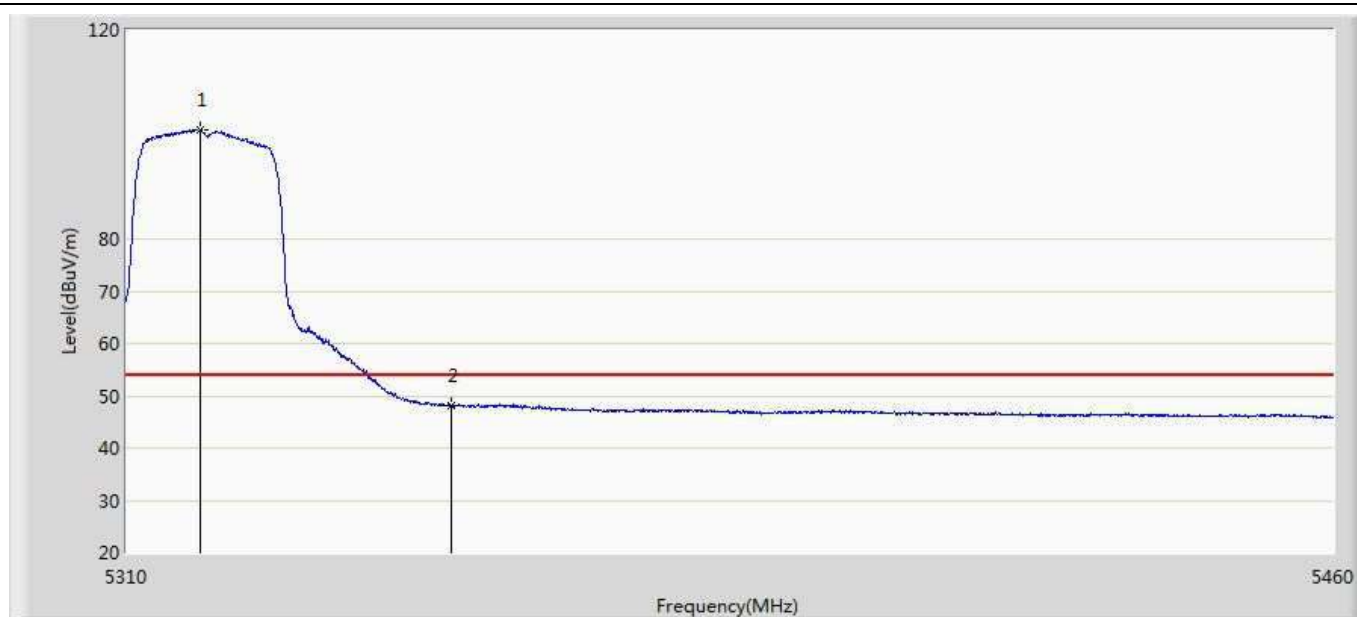
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.075	100.953	60.968	46.953	54.000	39.985	AV
2		5350.000	47.954	8.003	-6.046	54.000	39.951	AV

Profile: 2040625R	Page No.: 6
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



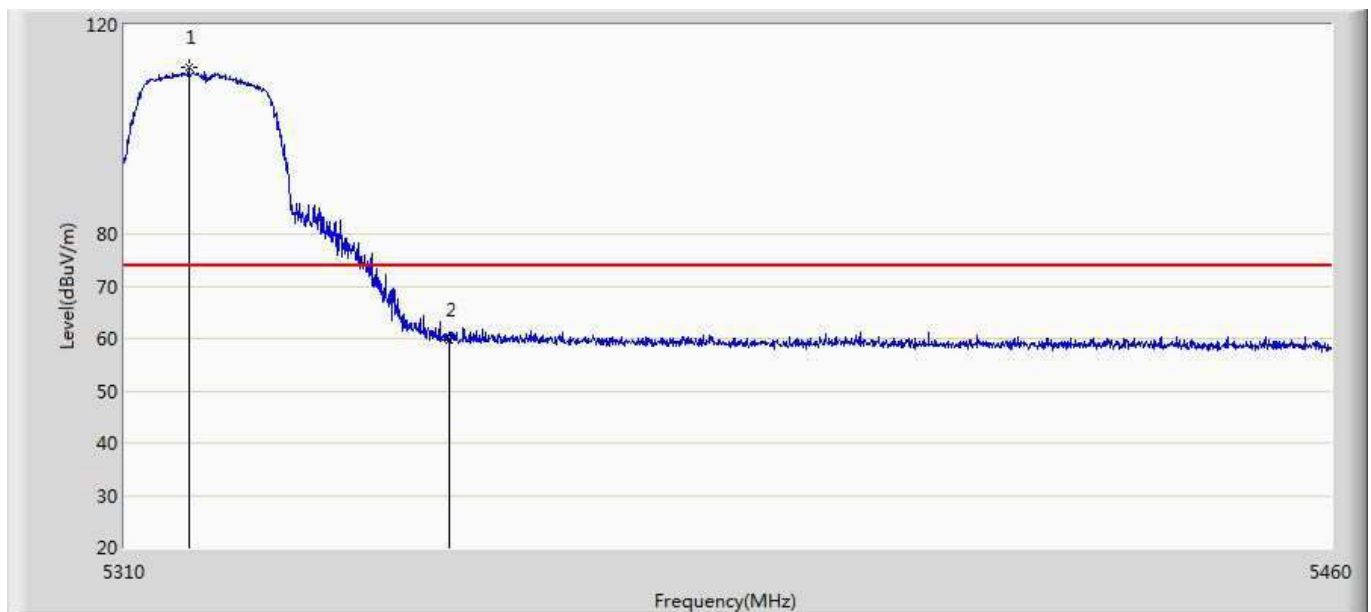
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.925	110.904	70.918	36.904	74.000	39.986	PK
2		5350.000	60.116	20.165	-13.884	74.000	39.951	PK
3		5350.875	62.563	22.611	-11.437	74.000	39.952	PK

Profile: 2040625R	Page No.: 7
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



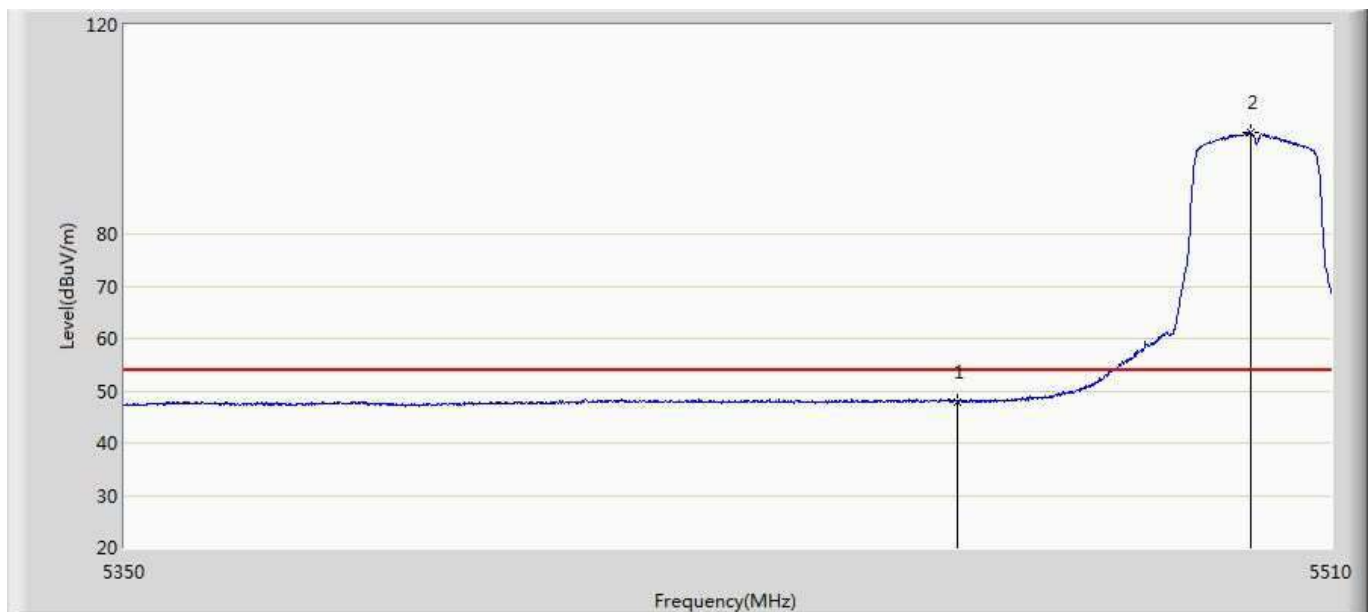
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.075	100.917	60.932	46.917	54.000	39.985	AV
2		5350.000	48.117	8.166	-5.883	54.000	39.951	AV

Profile: 2040625R	Page No.: 8
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5320MHz by 802.11a	



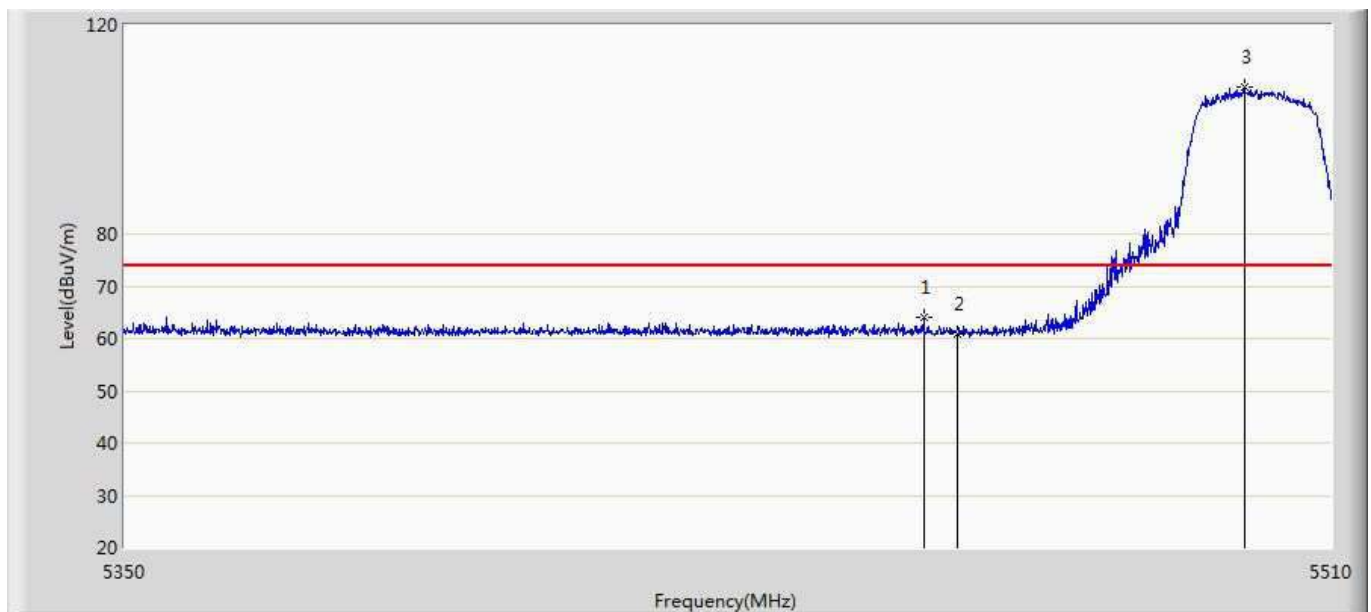
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.950	111.865	71.876	37.865	74.000	39.989	PK
2		5350.000	59.827	19.876	-14.173	74.000	39.951	PK

Profile: 2040625R	Page No.: 9
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.942	7.740	-6.058	54.000	40.202	AV
2	*	5499.200	99.366	59.042	45.366	54.000	40.324	AV

Profile: 2040625R	Page No.: 10
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



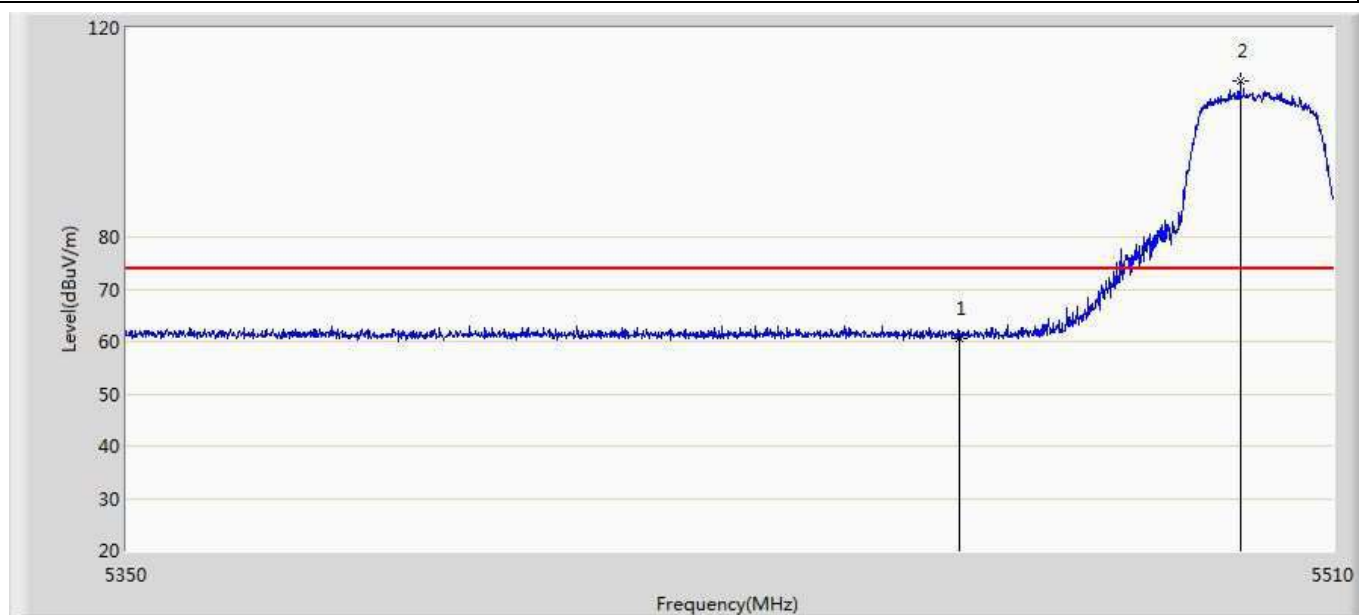
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5455.520	64.177	23.974	-9.823	74.000	40.203	PK
2		5460.000	60.833	20.631	-13.167	74.000	40.202	PK
3	*	5498.320	107.994	67.668	33.994	74.000	40.327	PK

Profile: 2040625R	Page No.: 11
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



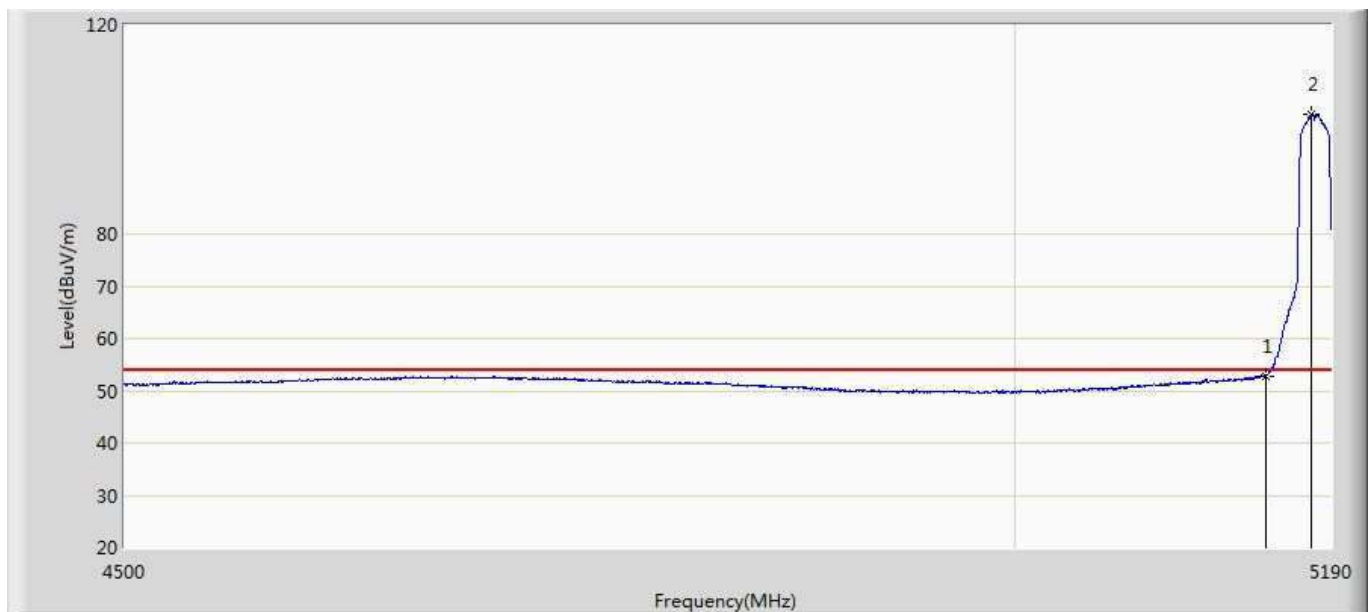
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	50.622	10.420	-3.378	54.000	40.202	AV
2	*	5498.960	99.787	59.462	45.787	54.000	40.325	AV

Profile: 2040625R	Page No.: 12
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5500MHz by 802.11a	



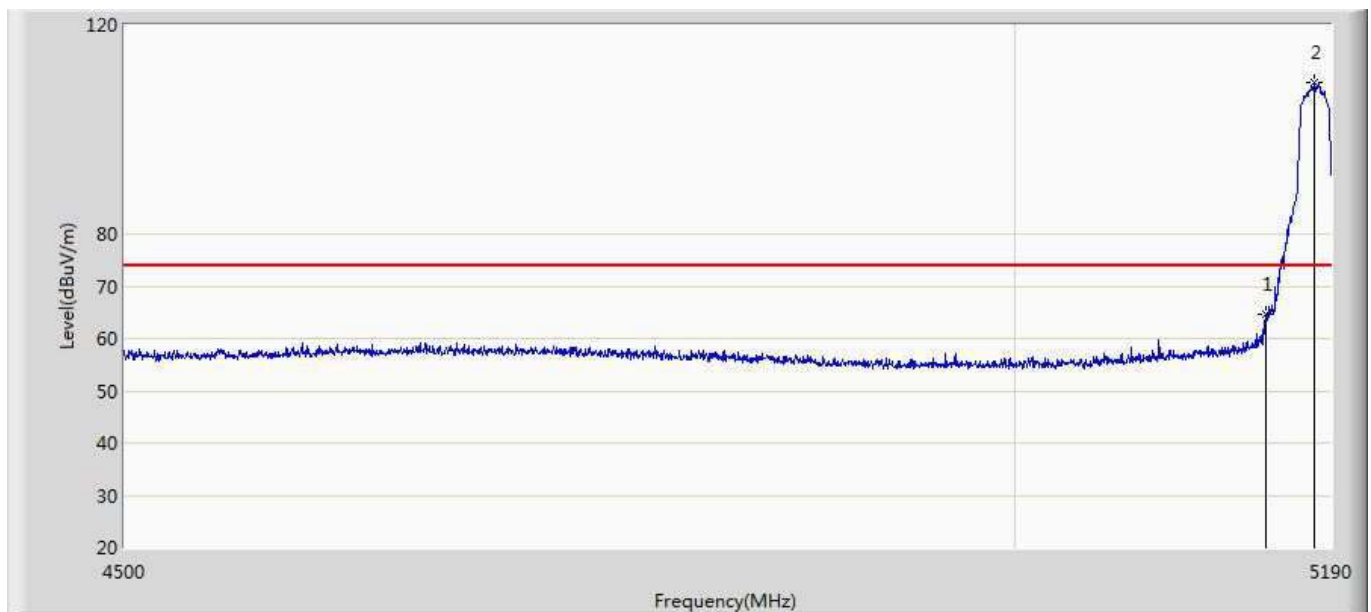
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.650	20.448	-13.350	74.000	40.202	PK
2	*	5497.600	109.752	69.424	35.752	74.000	40.327	PK

Profile: 2040625R	Page No.: 13
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 21:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2: Transmit at 5180MHz by 802.11n(20MHz)	



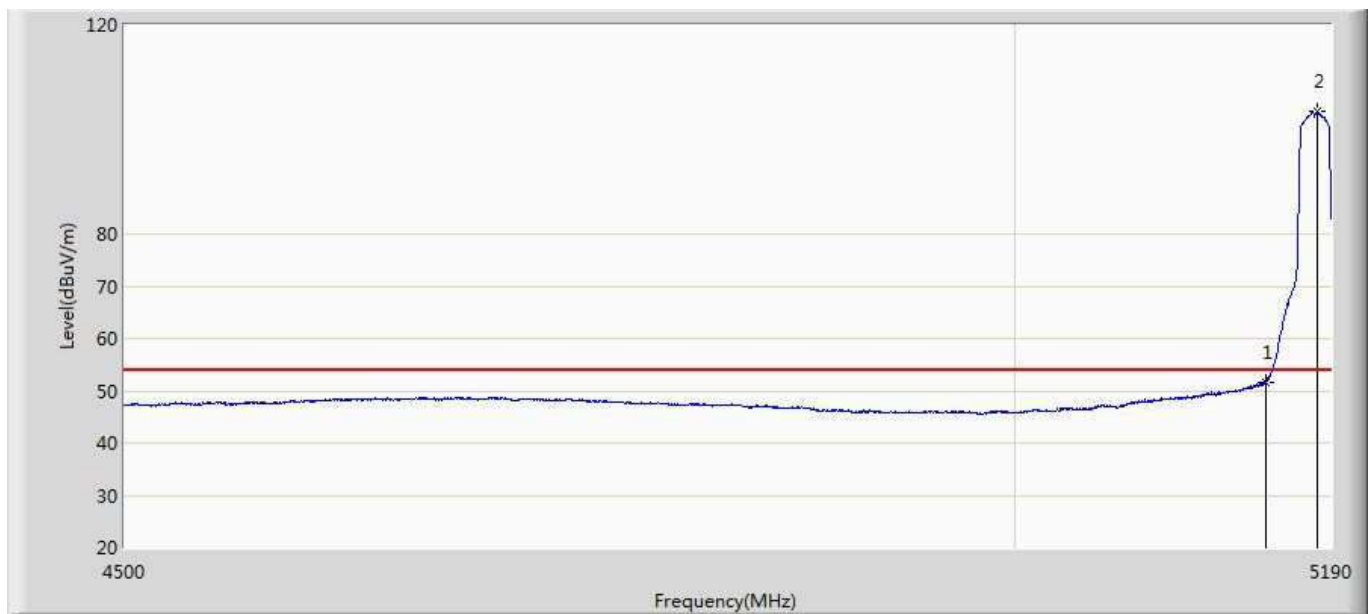
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.888	13.434	-1.112	54.000	39.454	AV
2	*	5178.270	102.950	63.424	48.950	54.000	39.525	AV

Profile: 2040625R	Page No.: 14
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2: Transmit at 5180MHz by 802.11n(20MHz)	



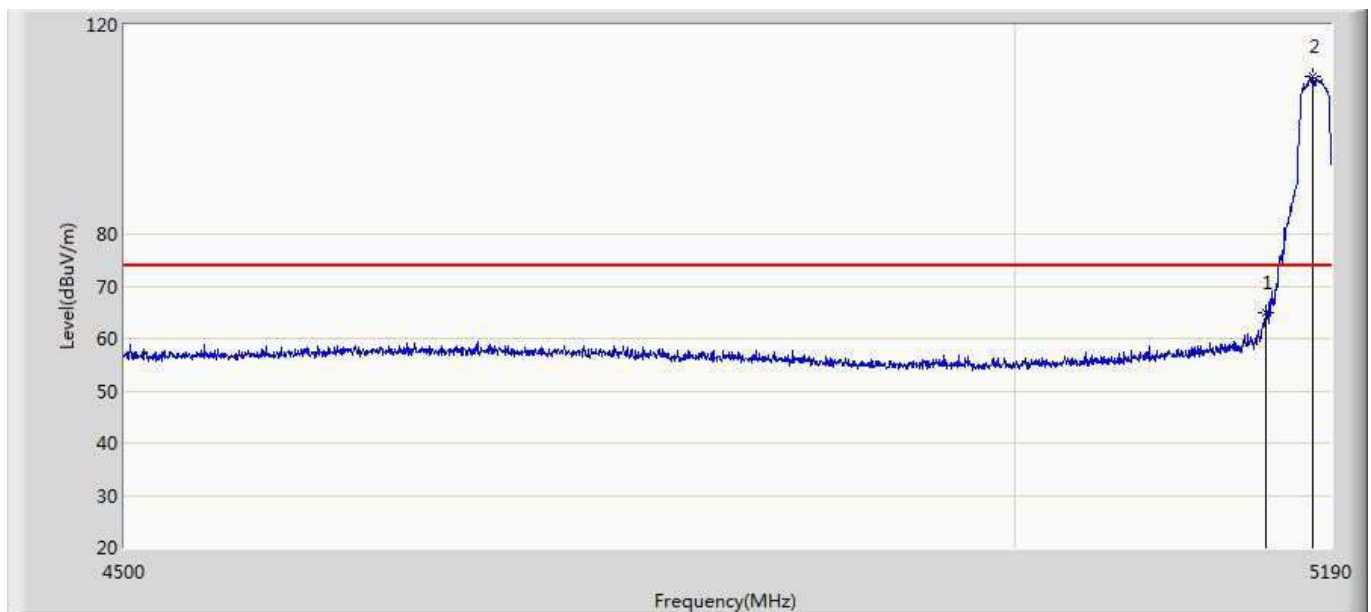
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.541	25.087	-9.459	74.000	39.454	PK
2	*	5179.995	109.082	69.568	35.082	74.000	39.513	PK

Profile: 2040625R	Page No.: 15
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2: Transmit at 5180MHz by 802.11n(20MHz)	



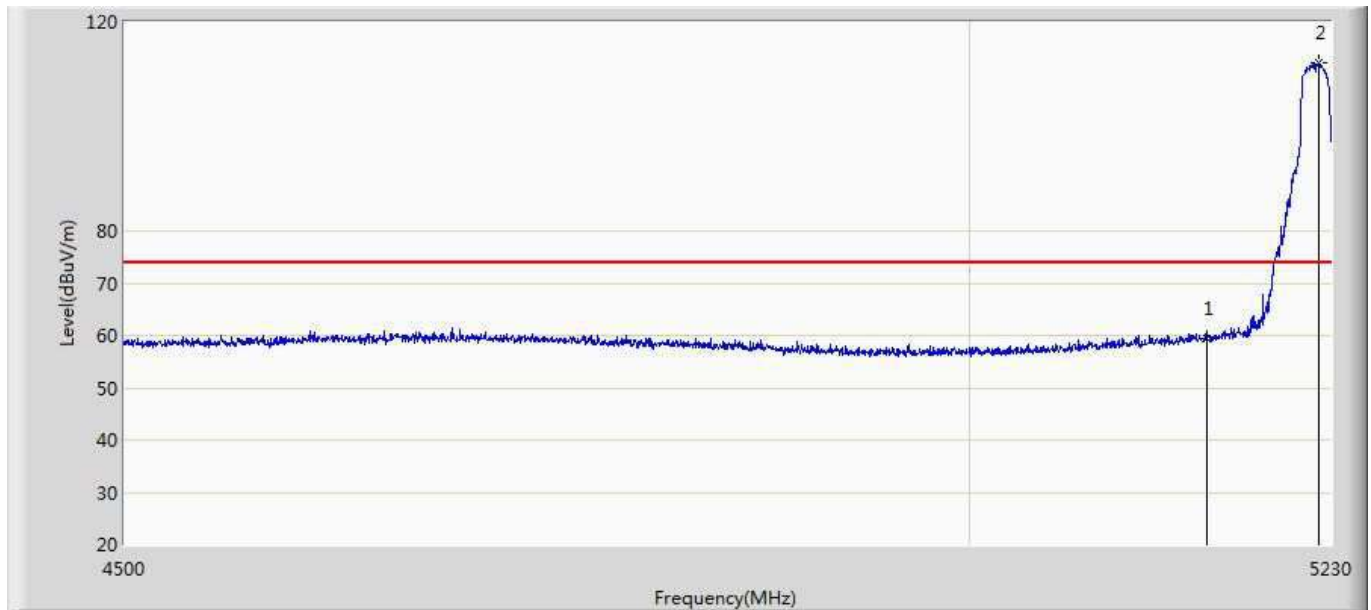
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.619	12.165	-2.381	54.000	39.454	AV
2	*	5181.375	103.384	63.880	49.384	54.000	39.504	AV

Profile: 2040625R	Page No.: 16
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2: Transmit at 5180MHz by 802.11n(20MHz)	



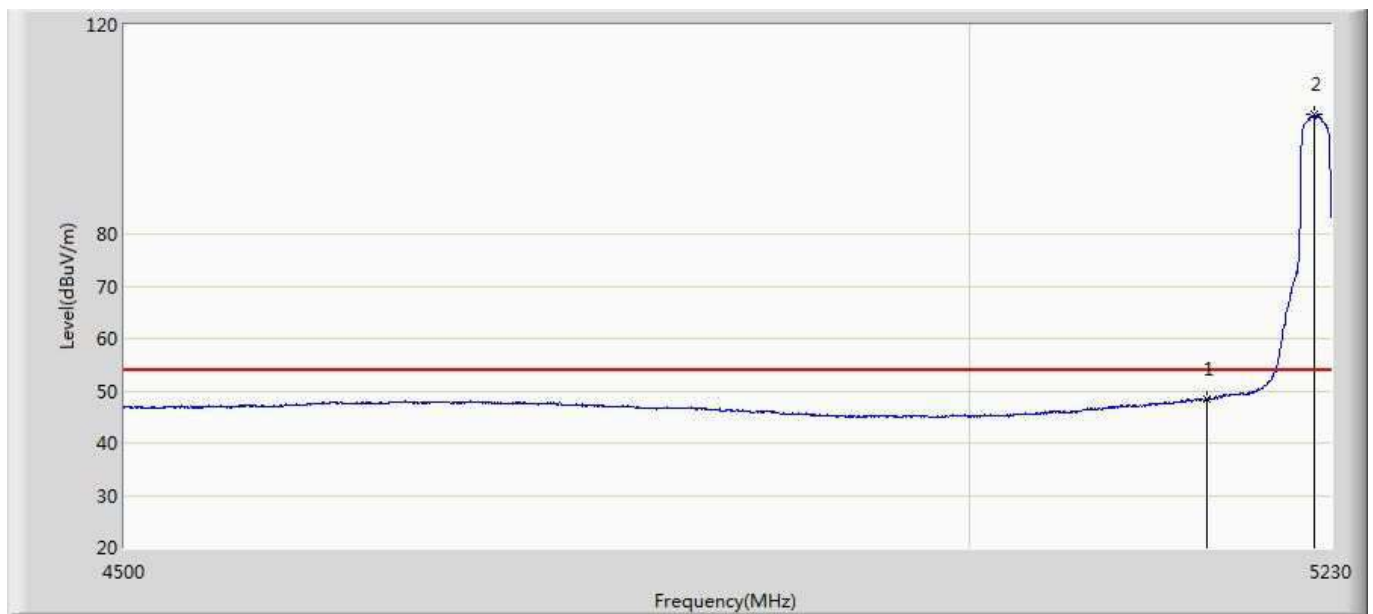
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.868	25.414	-9.132	74.000	39.454	PK
2	*	5179.305	110.238	70.720	36.238	74.000	39.518	PK

Profile: 2040625R	Page No.: 17
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220Mhz by 802.11n(20MHz)	



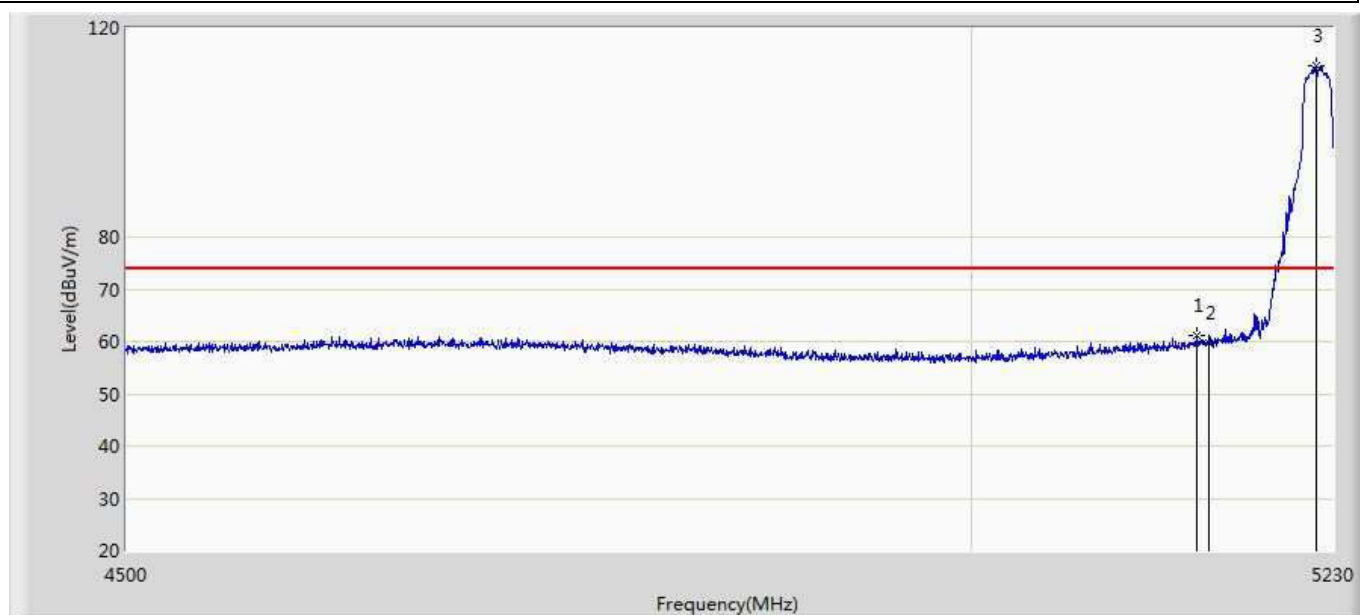
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.277	19.823	-14.723	74.000	39.454	PK
2	*	5221.970	112.191	72.535	38.191	74.000	39.656	PK

Profile: 2040625R	Page No.: 18
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220Mhz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.511	9.057	-5.489	54.000	39.454	AV
2	*	5218.685	102.818	63.147	48.818	54.000	39.671	AV

Profile: 2040625R	Page No.: 19
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220Mhz by 802.11n(20MHz)	



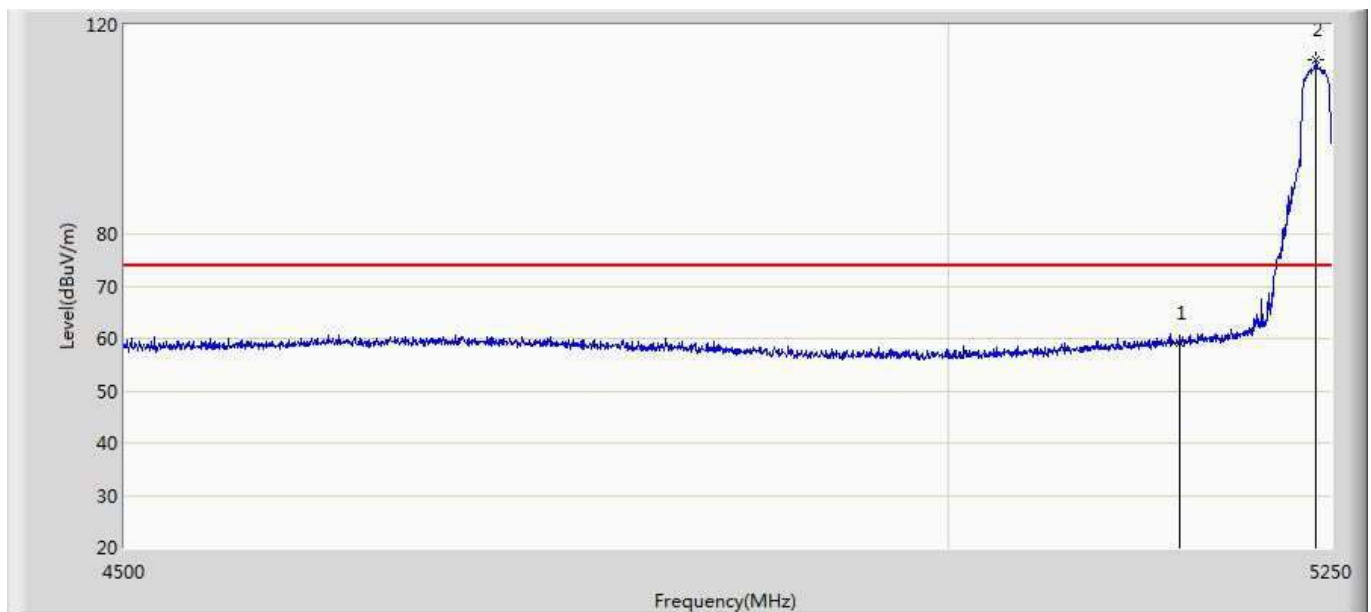
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5141.670	61.236	21.821	-12.764	74.000	39.415	PK
2		5150.000	59.740	20.286	-14.260	74.000	39.454	PK
3	*	5218.685	112.755	73.084	38.755	74.000	39.671	PK

Profile: 2040625R	Page No.: 20
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5220Mhz by 802.11n(20MHz)	



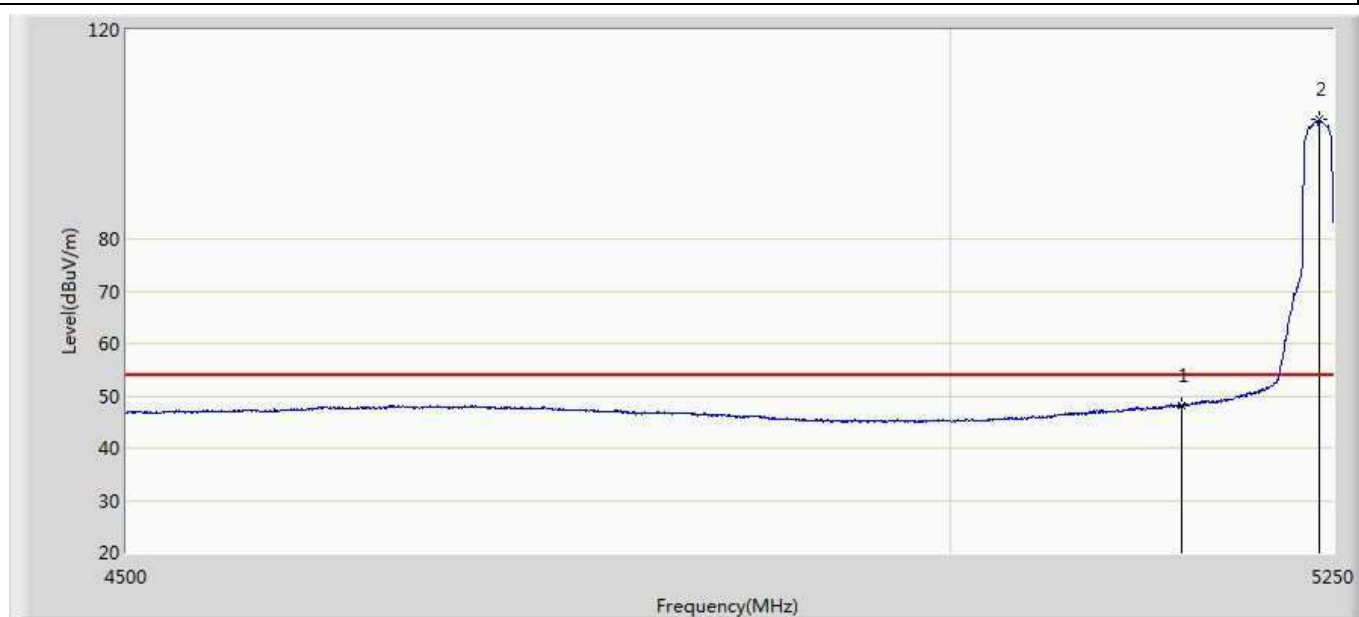
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.754	9.300	-5.246	54.000	39.454	AV
2	*	5219.050	103.441	63.772	49.441	54.000	39.669	AV

Profile: 2040625R	Page No.: 21
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240Mhz by 802.11n(20MHz)	



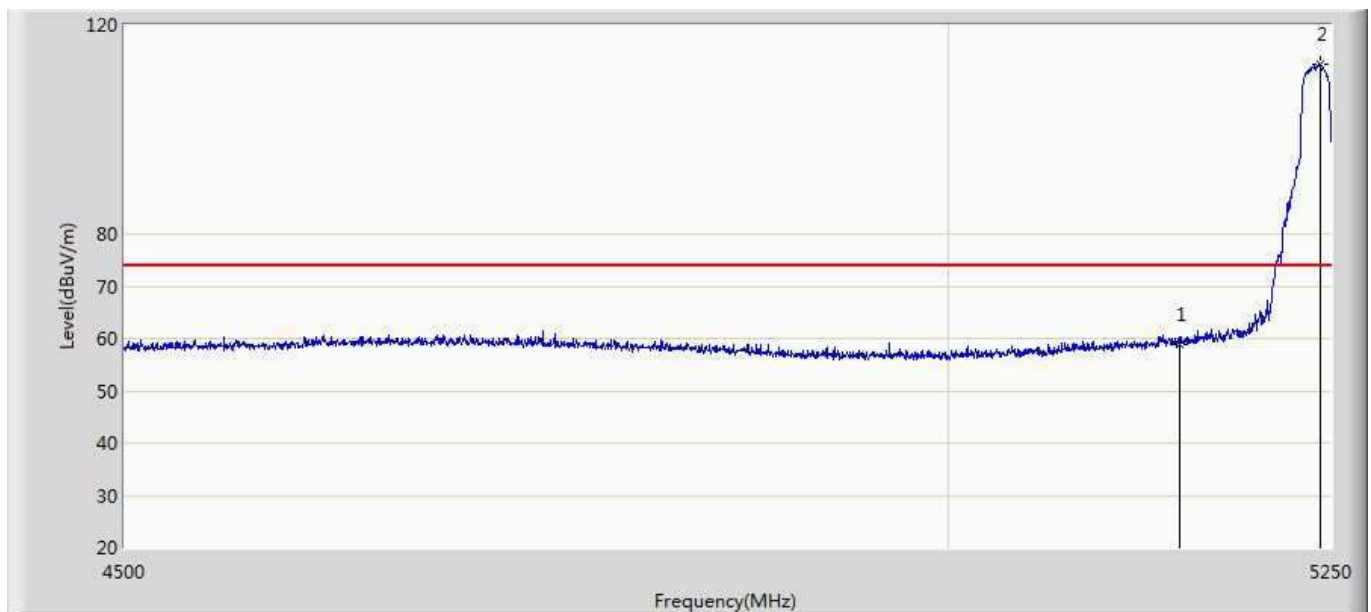
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.019	19.565	-14.981	74.000	39.454	PK
2	*	5239.875	113.199	73.483	39.199	74.000	39.716	PK

Profile: 2040625R	Page No.: 22
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240Mhz by 802.11n(20MHz)	



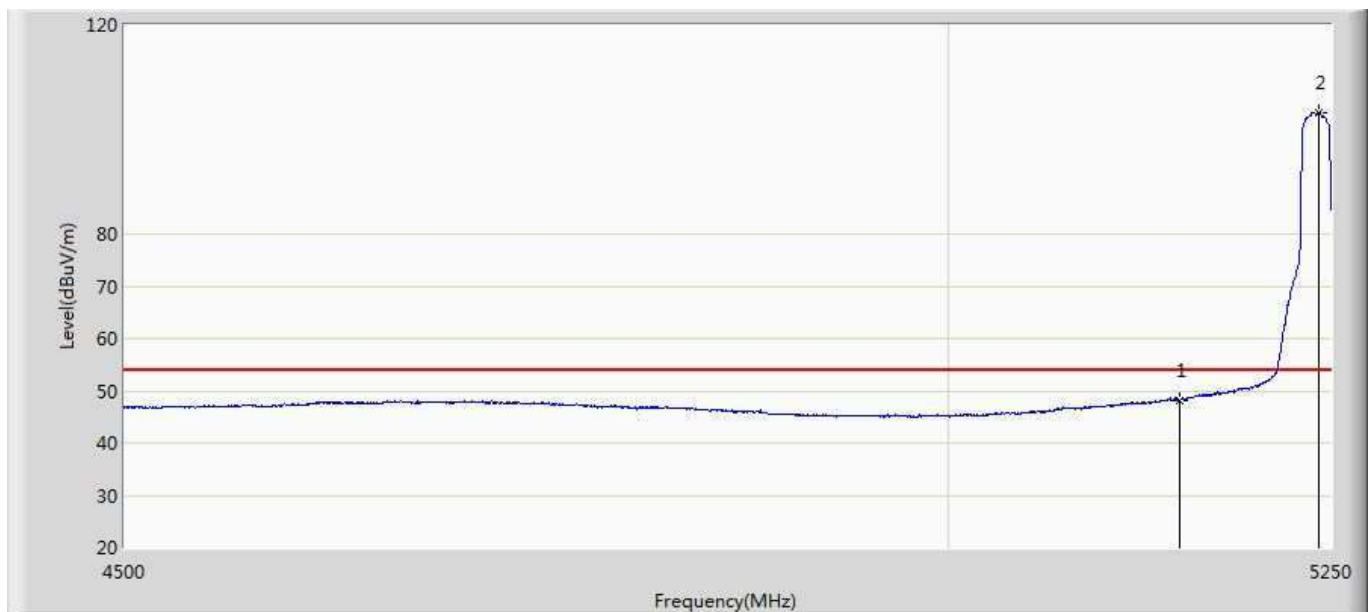
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.086	8.632	-5.914	54.000	39.454	AV
2	*	5240.625	102.770	63.042	48.770	54.000	39.728	AV

Profile: 2040625R	Page No.: 23
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240Mhz by 802.11n(20MHz)	



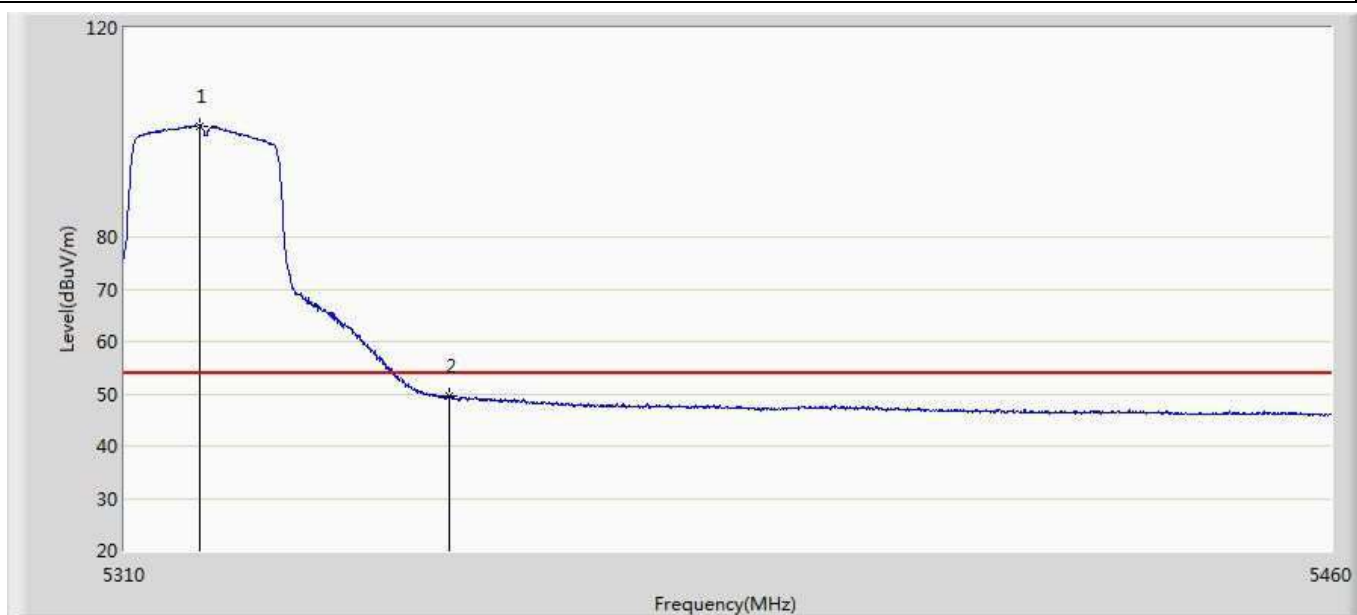
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.809	19.355	-15.191	74.000	39.454	PK
2	*	5242.875	112.592	72.828	38.592	74.000	39.764	PK

Profile: 2040625R	Page No.: 24
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5240Mhz by 802.11n(20MHz)	



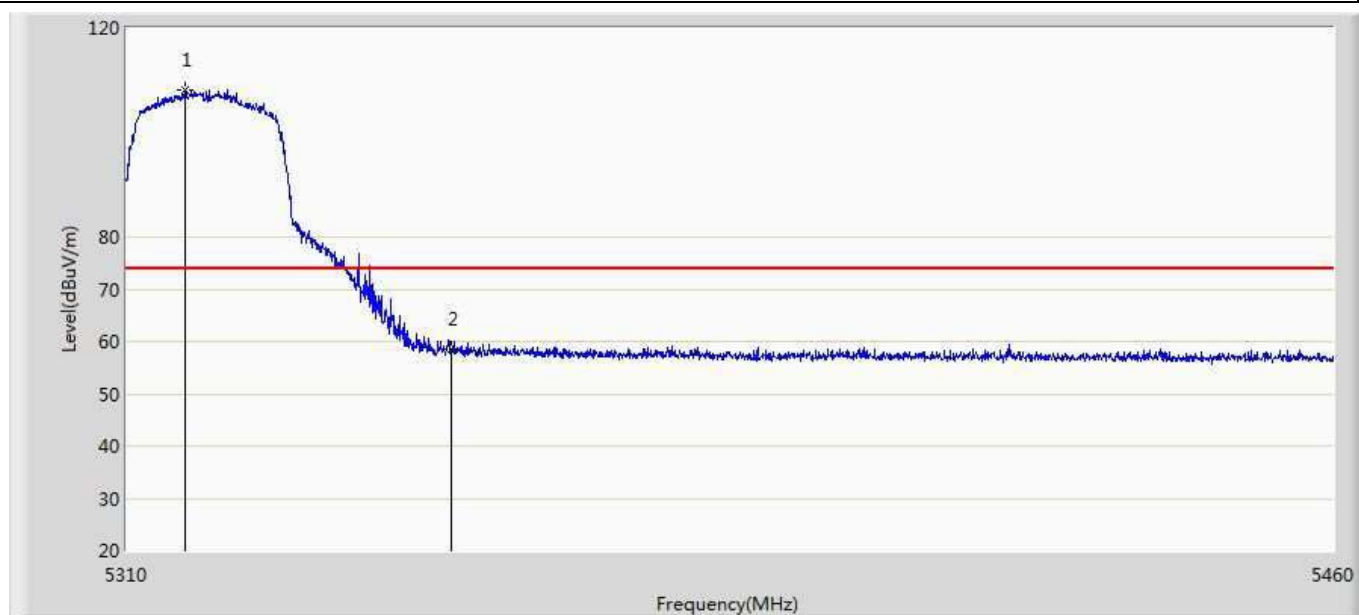
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.253	8.799	-5.747	54.000	39.454	AV
2	*	5242.125	103.154	63.402	49.154	54.000	39.752	AV

Profile: 2040625R	Page No.: 17
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2: Transmit at 5320MHz by 802.11n(20MHz)	



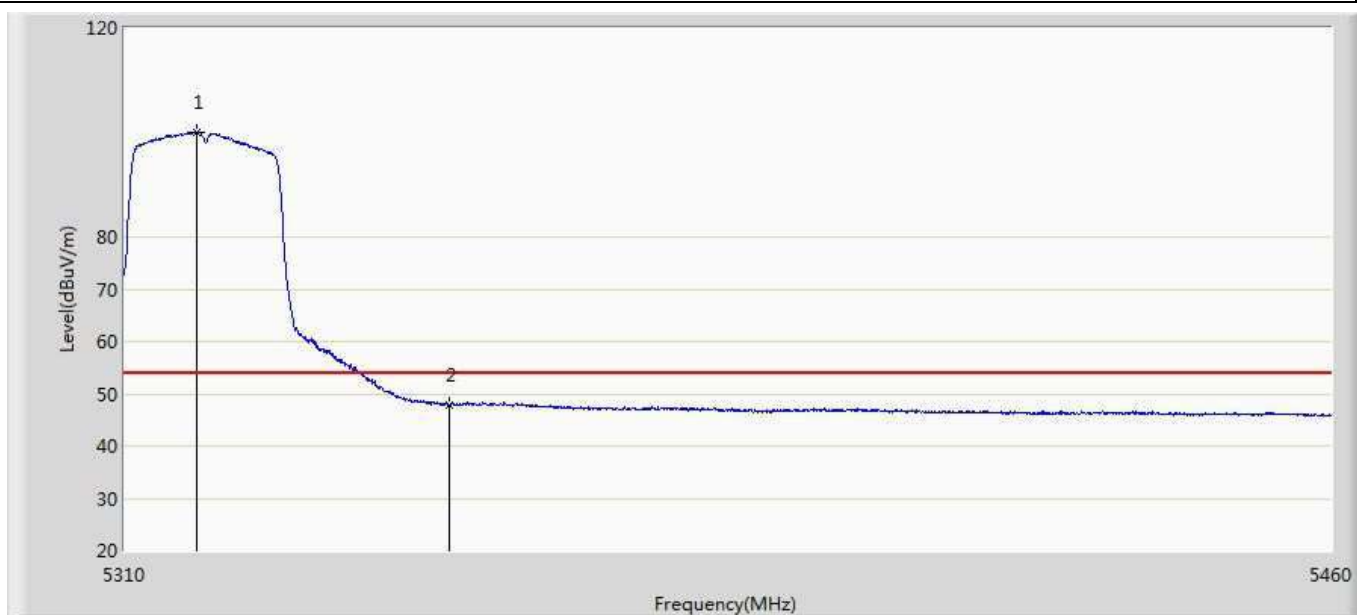
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.225	101.257	61.272	47.257	54.000	39.985	AV
2		5350.000	49.554	9.603	-4.446	54.000	39.951	AV

Profile: 2040625R	Page No.: 18
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



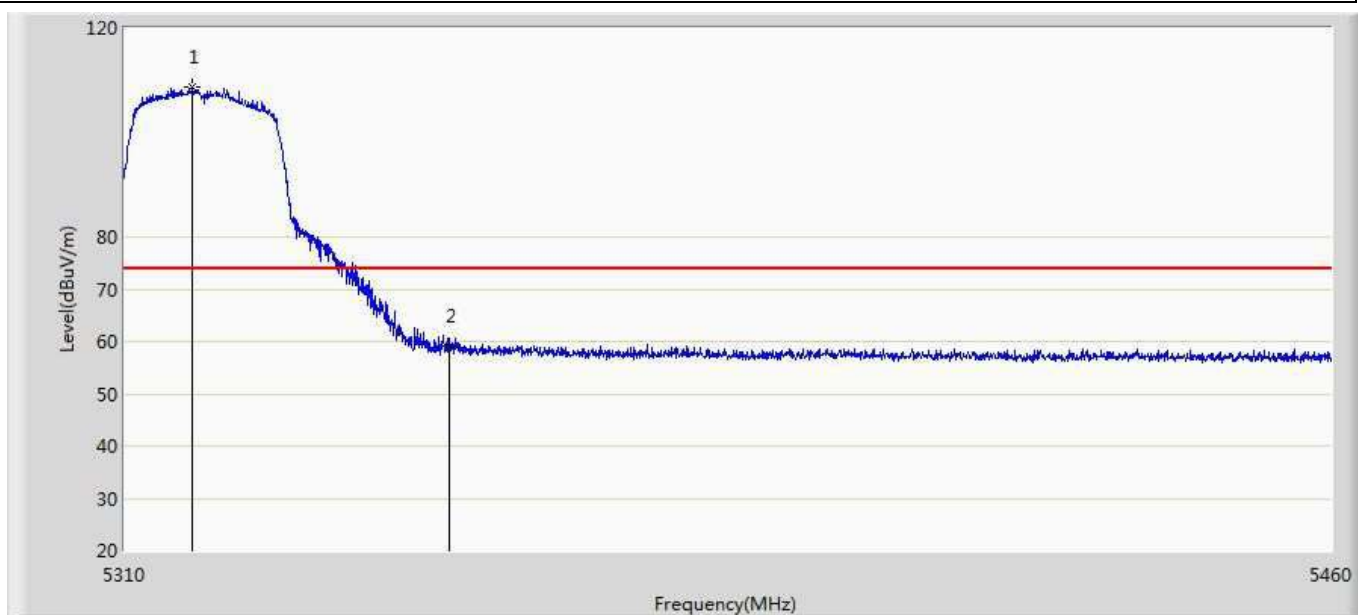
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.275	108.050	68.066	34.050	74.000	39.984	PK
2		5350.000	58.491	18.540	-15.509	74.000	39.951	PK

Profile: 2040625R	Page No.: 19
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



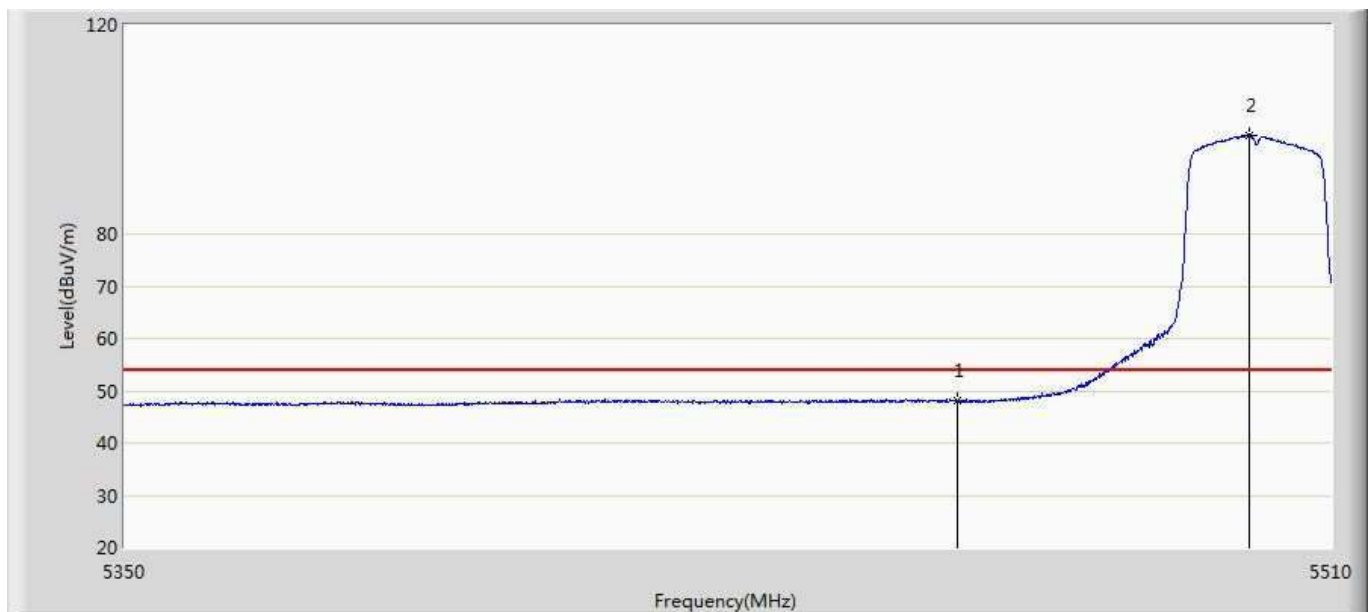
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.925	100.092	60.106	46.092	54.000	39.986	AV
2		5350.000	47.948	7.997	-6.052	54.000	39.951	AV

Profile: 2040625R	Page No.: 20
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



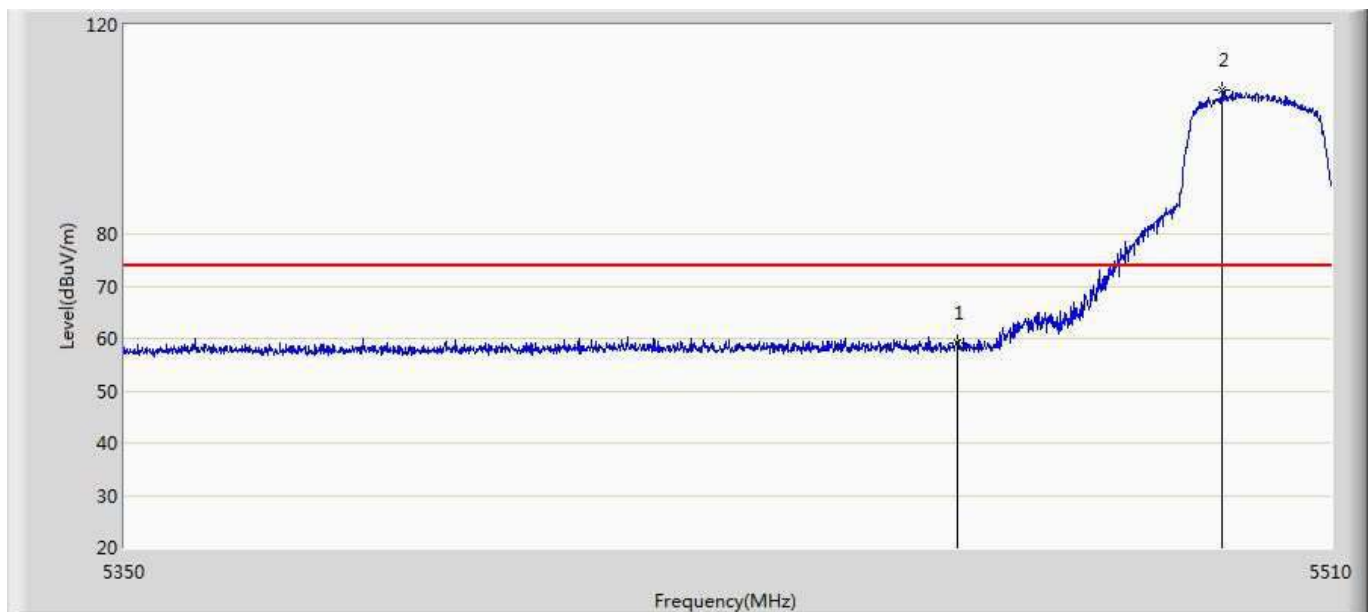
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.400	108.690	68.702	34.690	74.000	39.988	PK
2		5350.000	59.087	19.136	-14.913	74.000	39.951	PK

Profile: 2040625R	Page No.: 21
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



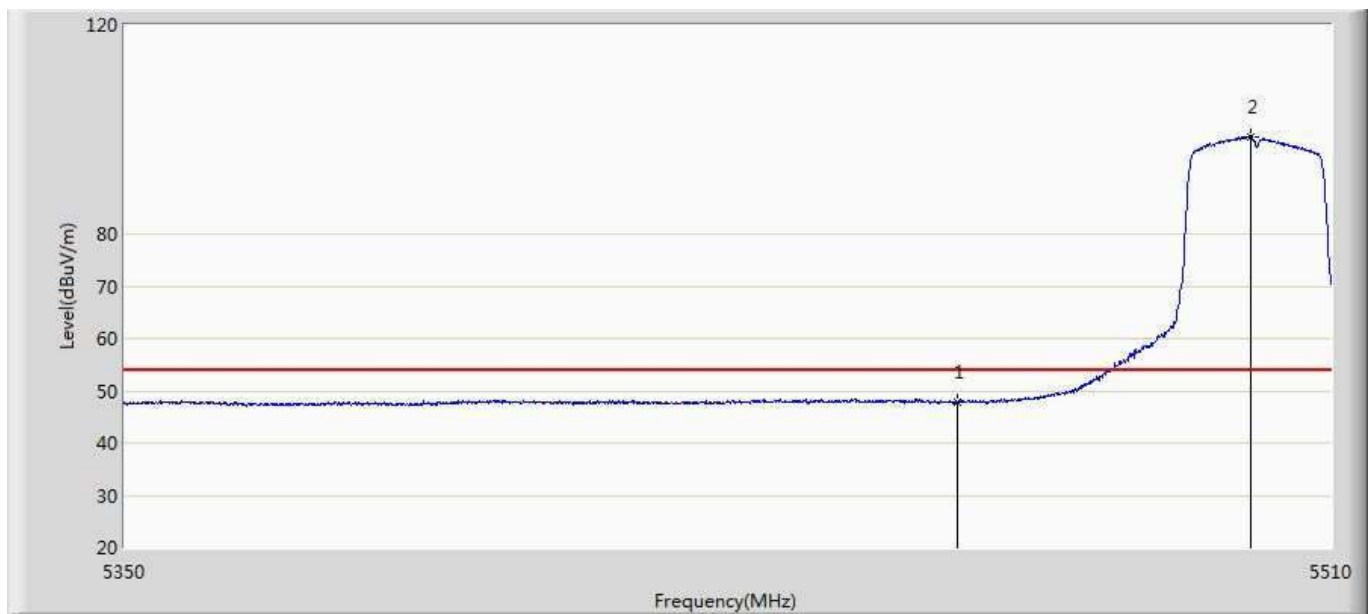
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.997	7.795	-6.003	54.000	40.202	AV
2	*	5498.960	98.864	58.539	44.864	54.000	40.325	AV

Profile: 2040625R	Page No.: 22
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



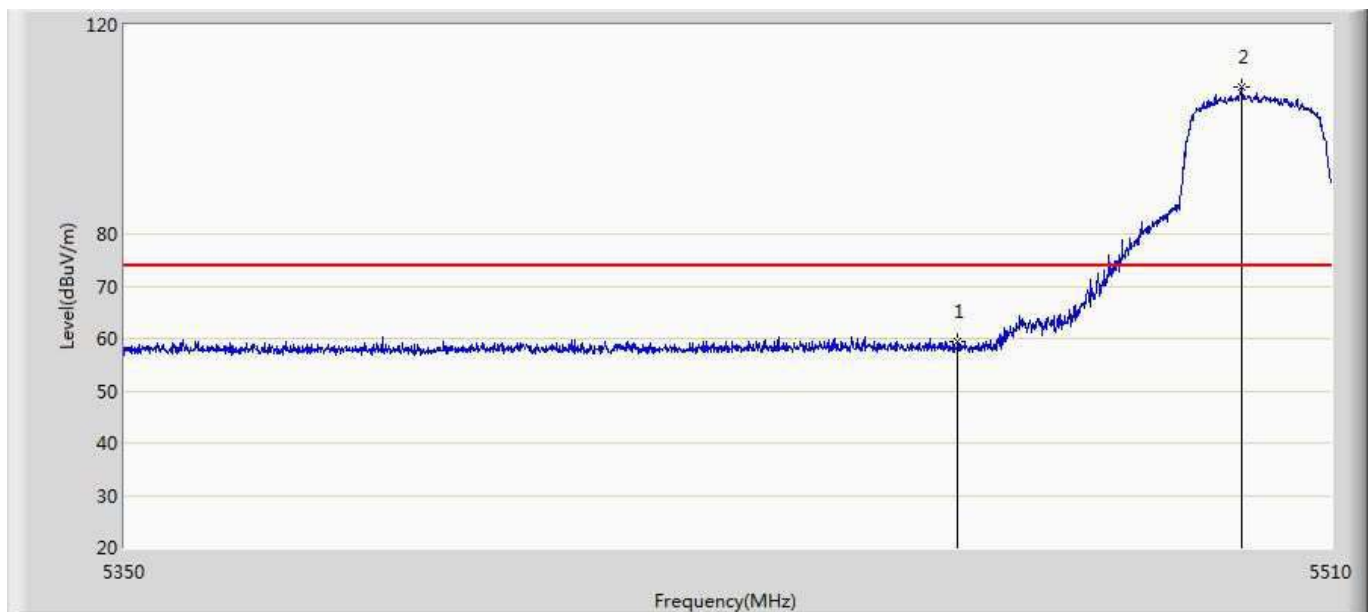
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.017	18.815	-14.983	74.000	40.202	PK
2	*	5495.440	107.461	67.128	33.461	74.000	40.333	PK

Profile: 2040625R	Page No.: 23
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



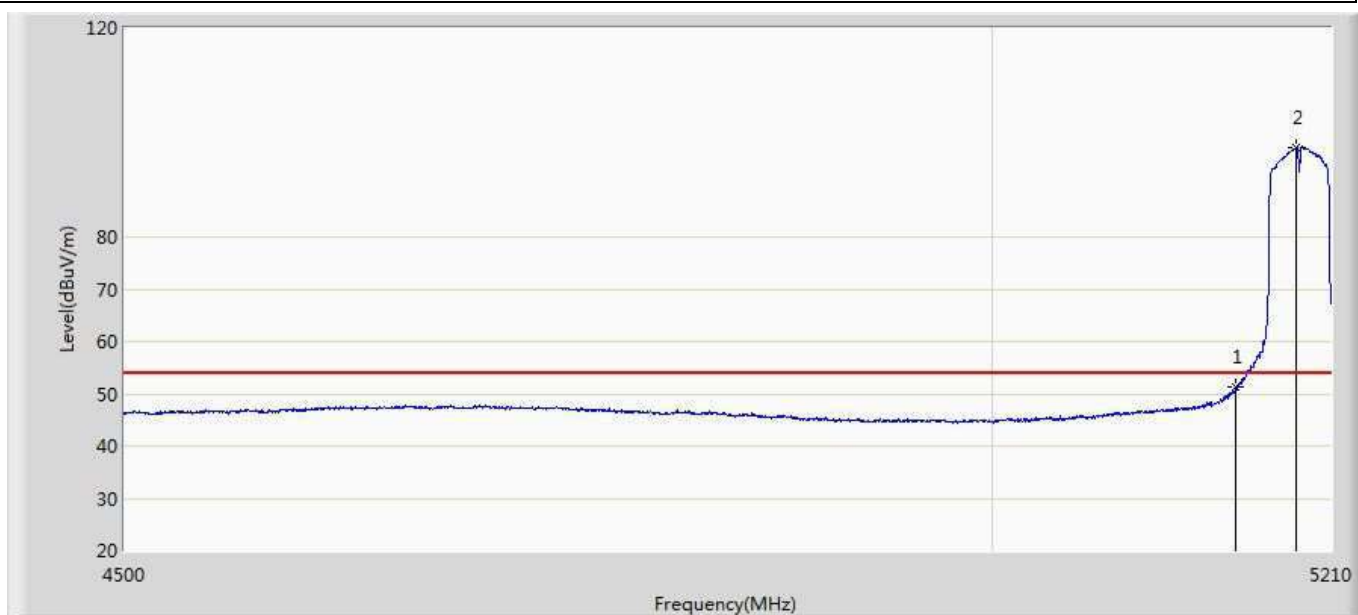
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.839	7.637	-6.161	54.000	40.202	AV
2	*	5499.280	98.507	58.183	44.507	54.000	40.324	AV

Profile: 2040625R	Page No.: 24
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.438	19.236	-14.562	74.000	40.202	PK
2	*	5497.920	108.063	67.736	34.063	74.000	40.327	PK

Profile: 2040625R	Page No.: 25
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802. 802.11n(40MHz)	



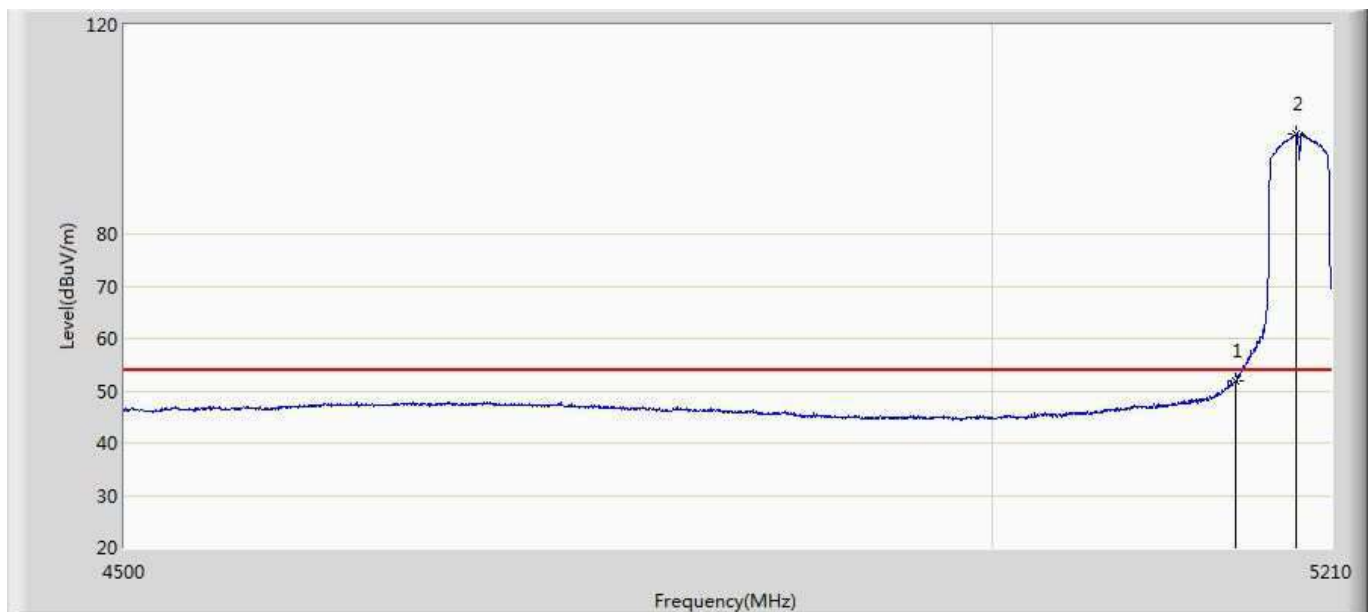
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.352	11.898	-2.648	54.000	39.454	AV
2	*	5188.345	97.238	57.676	43.238	54.000	39.562	AV

Profile: 2040625R	Page No.: 26
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



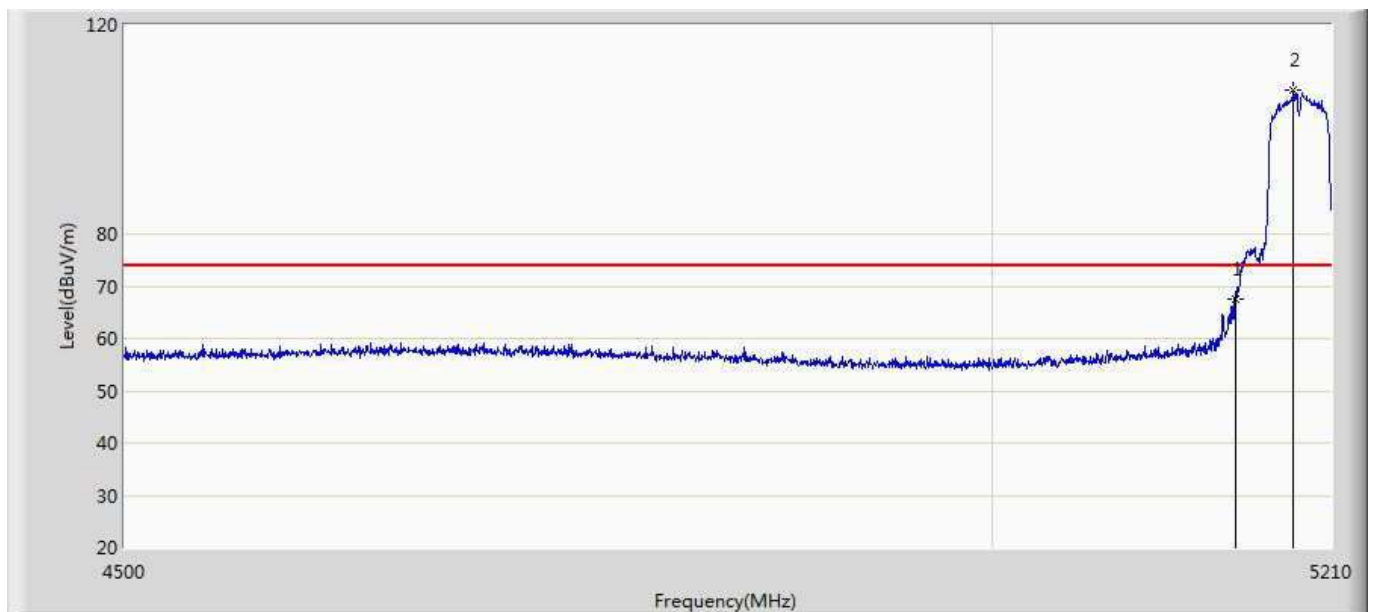
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.868	28.414	-6.132	74.000	39.454	PK
2	*	5184.795	106.215	66.688	32.215	74.000	39.527	PK

Profile: 2040625R	Page No.: 27
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



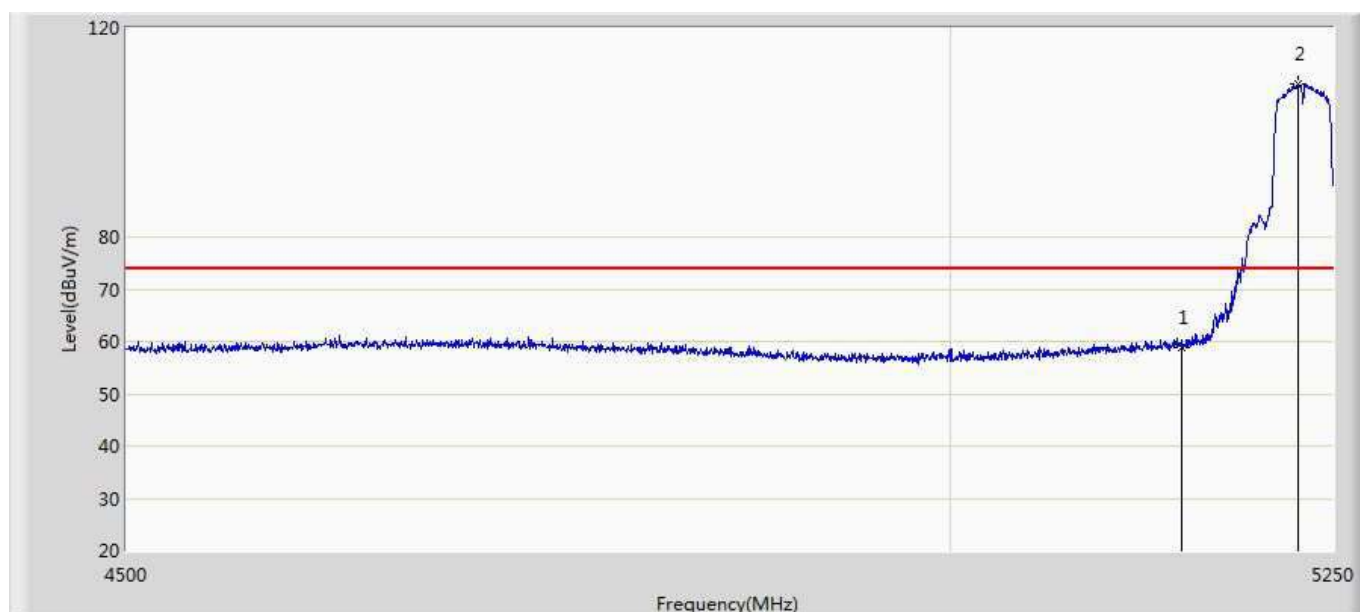
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.956	12.502	-2.044	54.000	39.454	AV
2	*	5187.990	99.004	59.445	45.004	54.000	39.559	AV

Profile: 2040625R	Page No.: 28
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



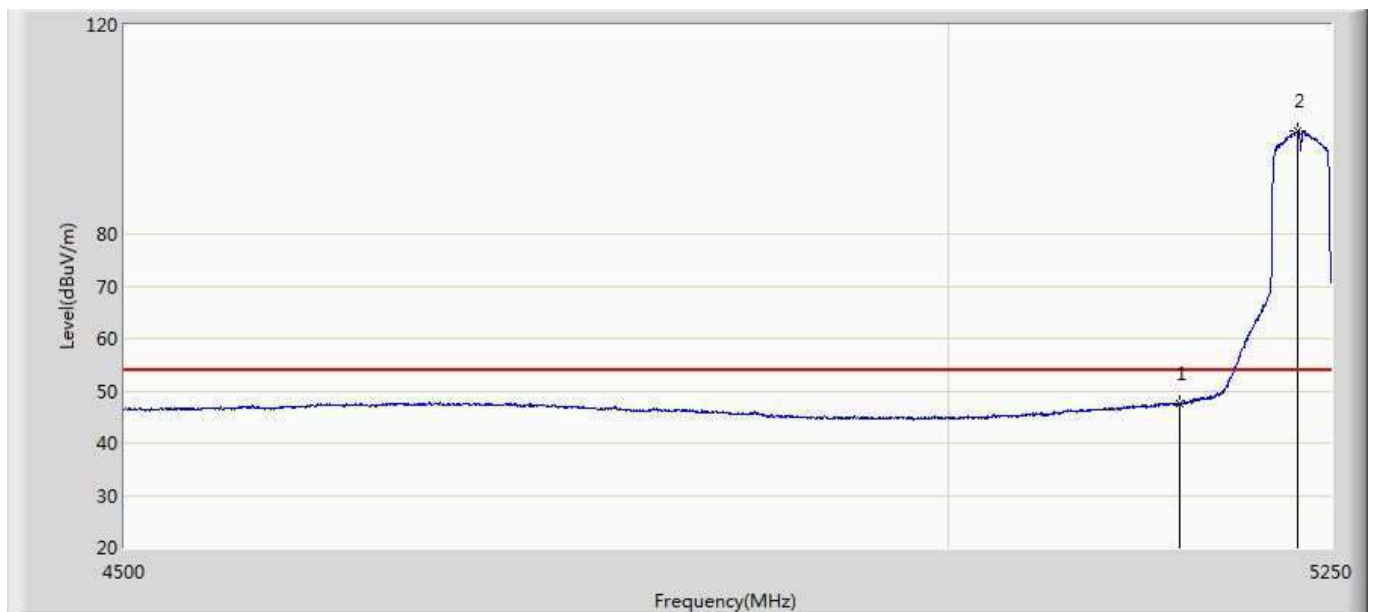
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.439	27.985	-6.561	74.000	39.454	PK
2	*	5186.570	107.554	68.009	33.554	74.000	39.545	PK

Profile: 2040625R	Page No.: 25
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230Mhz by 802.11n(40MHz)	



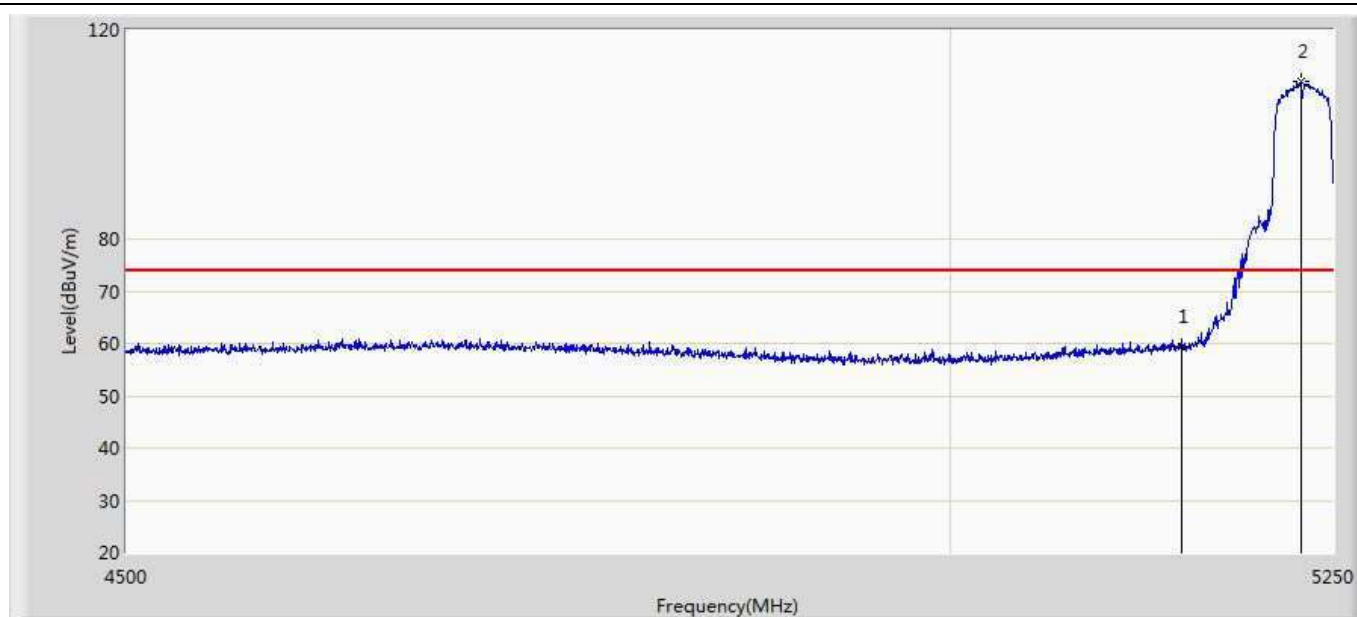
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.880	19.426	-15.120	74.000	39.454	PK
2	*	5227.125	109.233	69.601	35.233	74.000	39.632	PK

Profile: 2040625R	Page No.: 26
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230Mhz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.395	7.941	-6.605	54.000	39.454	AV
2	*	5227.875	99.696	60.068	45.696	54.000	39.628	AV

Profile: 2040625R	Page No.: 27
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230Mhz by 802.11n(40MHz)	



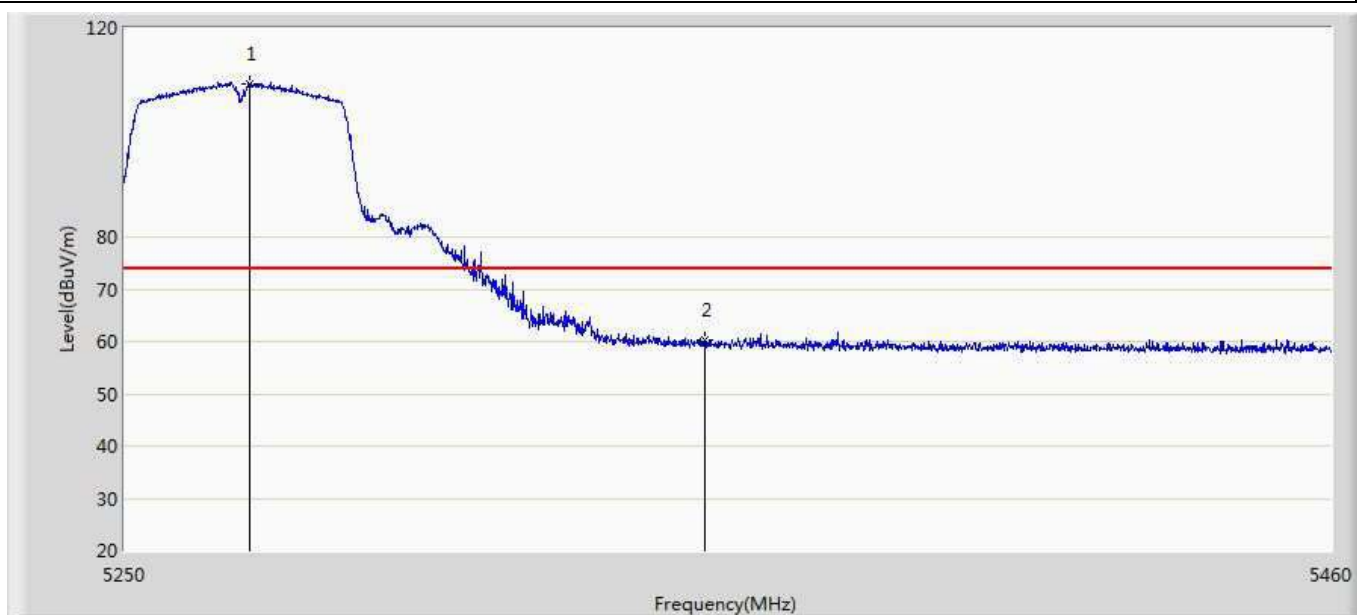
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.434	19.980	-14.566	74.000	39.454	PK
2	*	5228.625	110.221	70.596	36.221	74.000	39.624	PK

Profile: 2040625R	Page No.: 28
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5230Mhz by 802.11n(40MHz)	



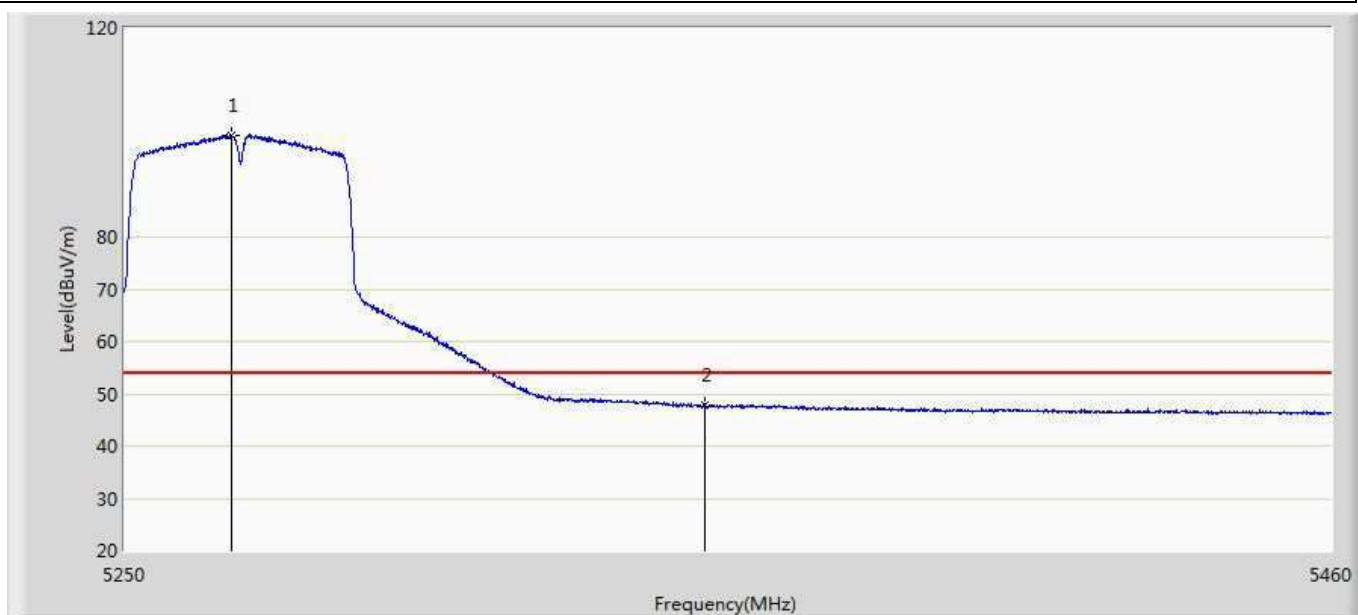
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.729	8.275	-6.271	54.000	39.454	AV
2	*	5231.250	100.976	61.364	46.976	54.000	39.612	AV

Profile: 2040625R	Page No.: 29
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270Mhz by 802.11n(40MHz)	



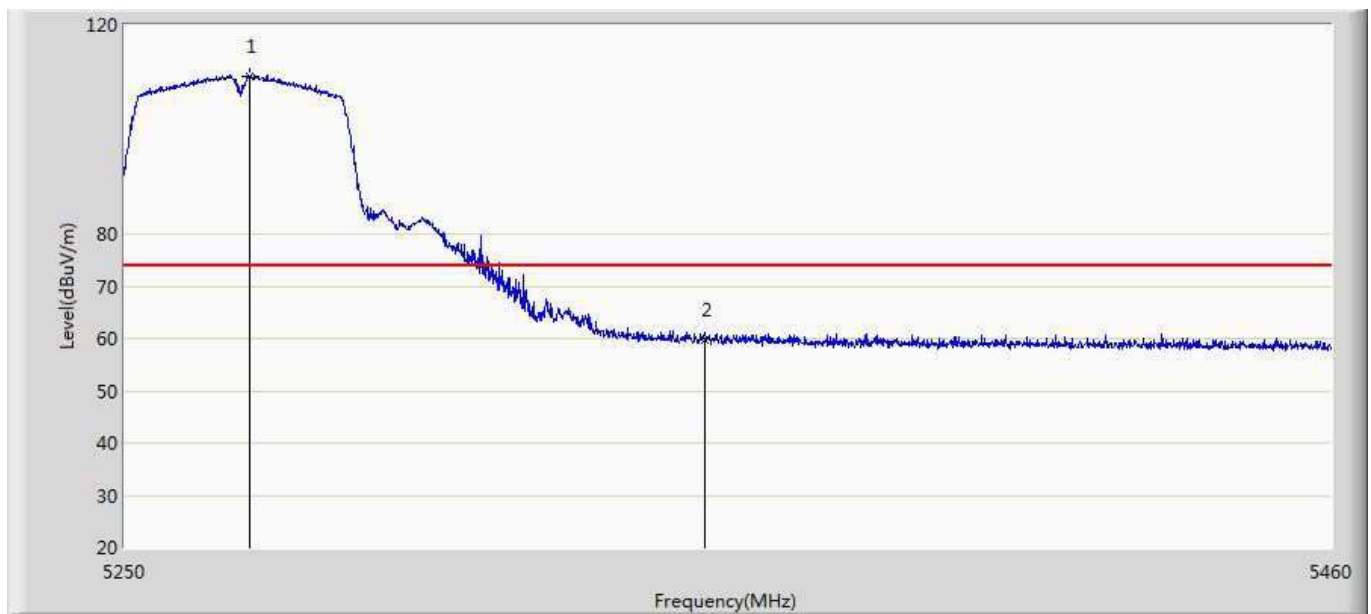
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5271.420	109.408	69.634	35.408	74.000	39.774	PK
2		5350.000	60.373	20.422	-13.627	74.000	39.951	PK

Profile: 2040625R	Page No.: 30
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 19:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270Mhz by 802.11n(40MHz)	



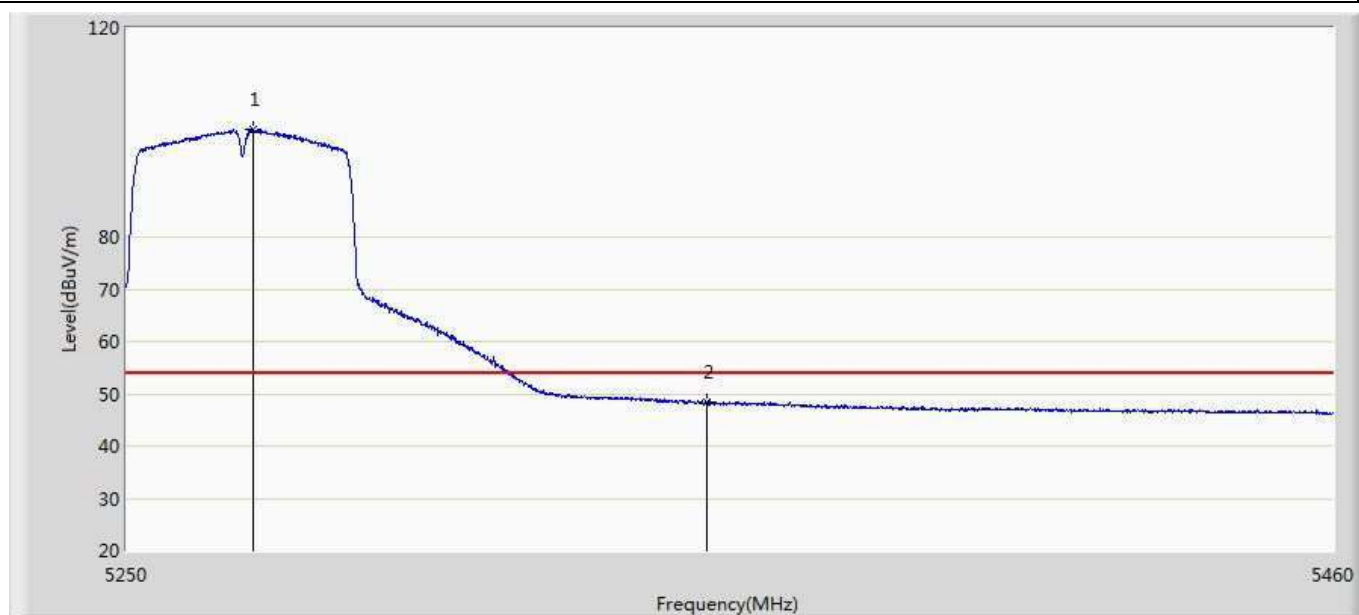
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5268.270	99.380	59.630	45.380	54.000	39.749	AV
2		5350.000	47.884	7.933	-6.116	54.000	39.951	AV

Profile: 2040625R	Page No.: 31
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270Mhz by 802.11n(40MHz)	



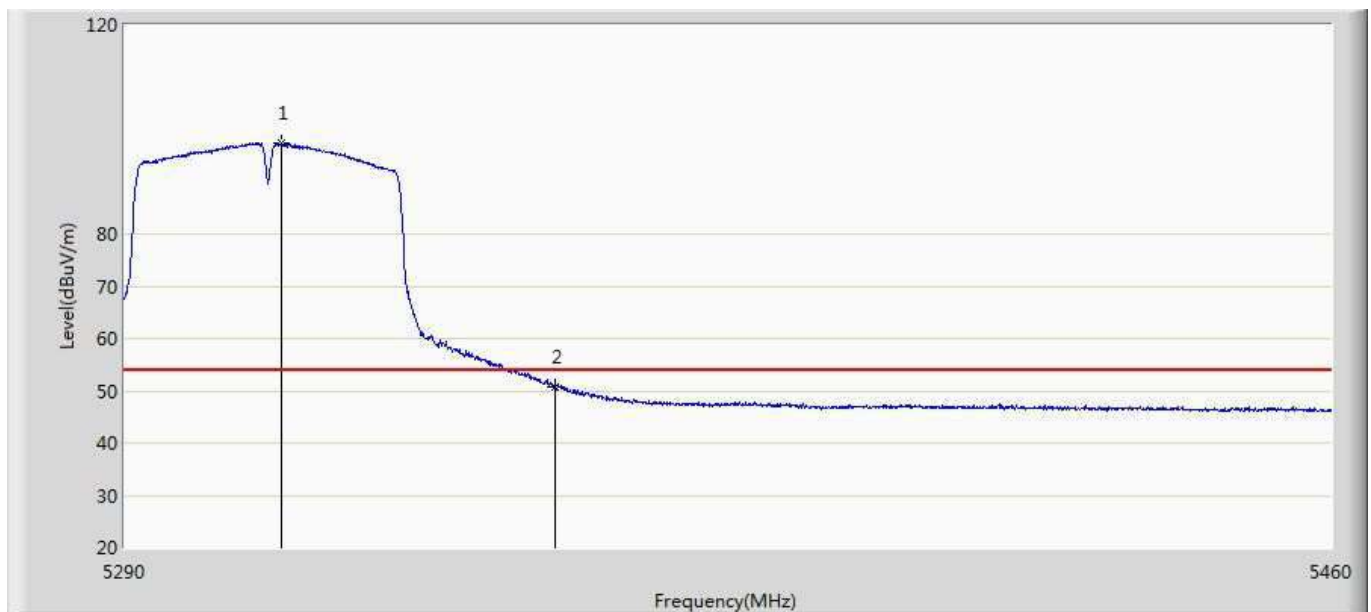
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5271.525	110.219	70.444	36.219	74.000	39.775	PK
2		5350.000	59.743	19.792	-14.257	74.000	39.951	PK

Profile: 2040625R	Page No.: 32
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5270Mhz by 802.11n(40MHz)	



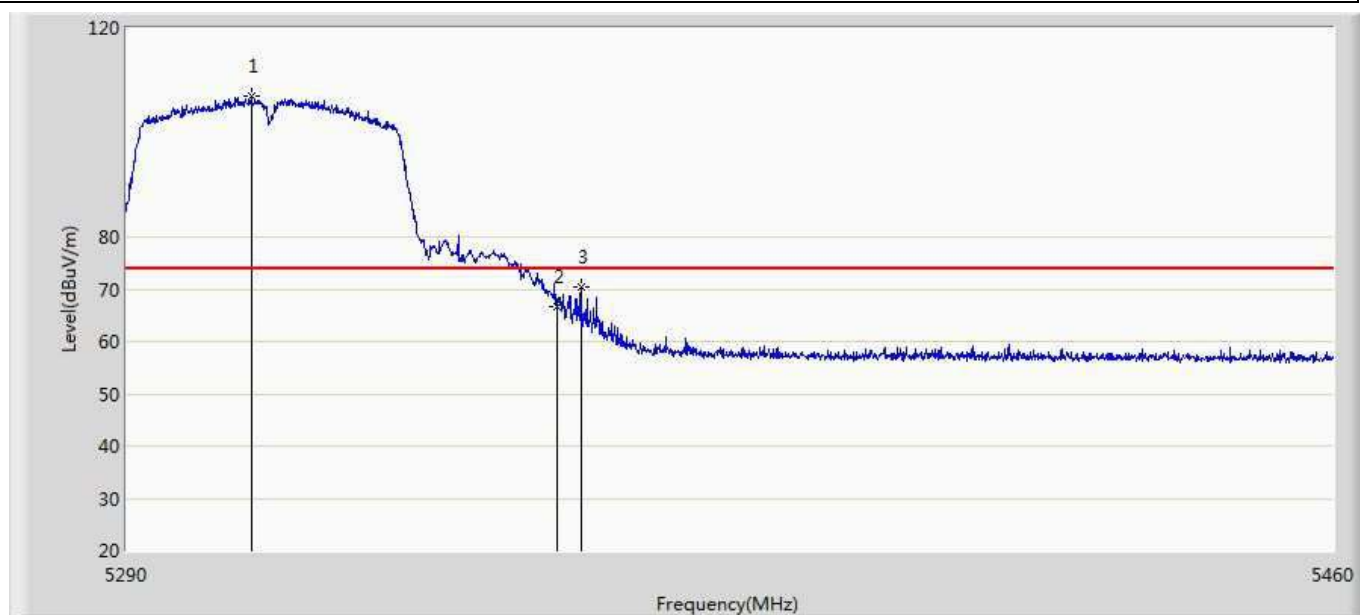
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5271.630	100.528	60.752	46.528	54.000	39.775	AV
2		5350.000	48.280	8.329	-5.720	54.000	39.951	AV

Profile: 2040625R	Page No.: 29
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



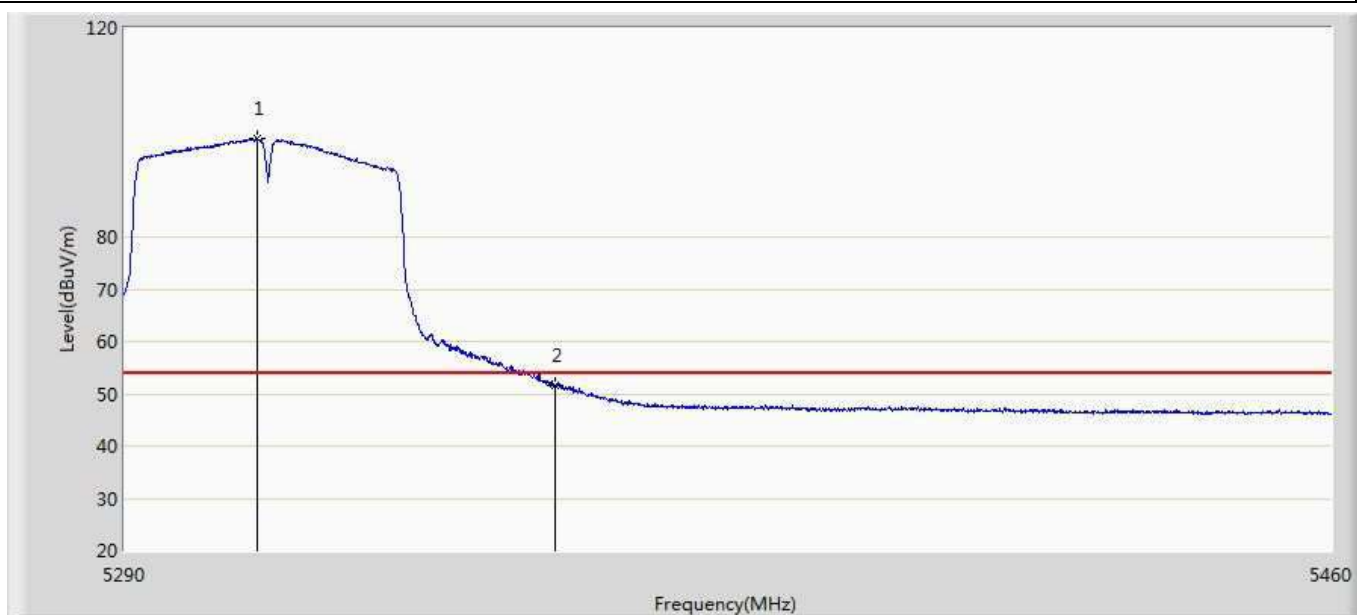
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5311.760	97.502	57.559	43.502	54.000	39.943	AV
2		5350.000	50.658	10.707	-3.342	54.000	39.951	AV

Profile: 2040625R	Page No.: 30
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



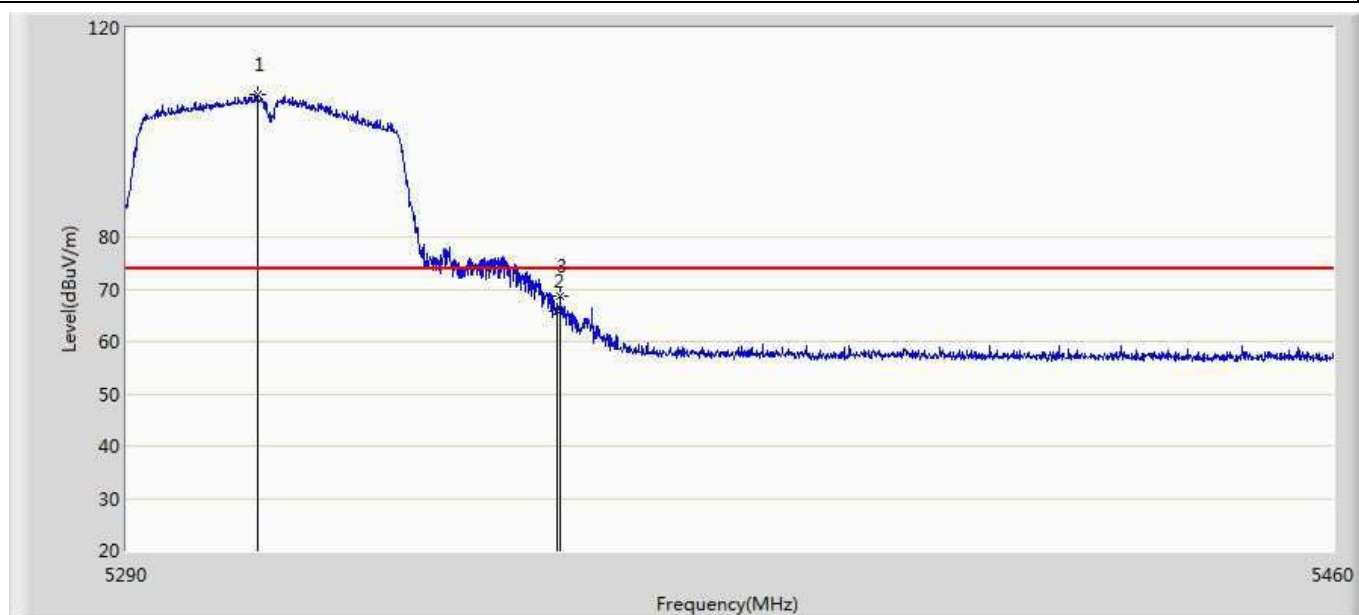
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5307.340	107.004	67.093	33.004	74.000	39.911	PK
2		5350.000	66.710	26.759	-7.290	74.000	39.951	PK
3		5353.410	70.567	30.610	-3.433	74.000	39.956	PK

Profile: 2040625R	Page No.: 31
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5308.445	98.814	58.895	44.814	54.000	39.919	AV
2		5350.000	51.597	11.646	-2.403	54.000	39.951	AV

Profile: 2040625R	Page No.: 32
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



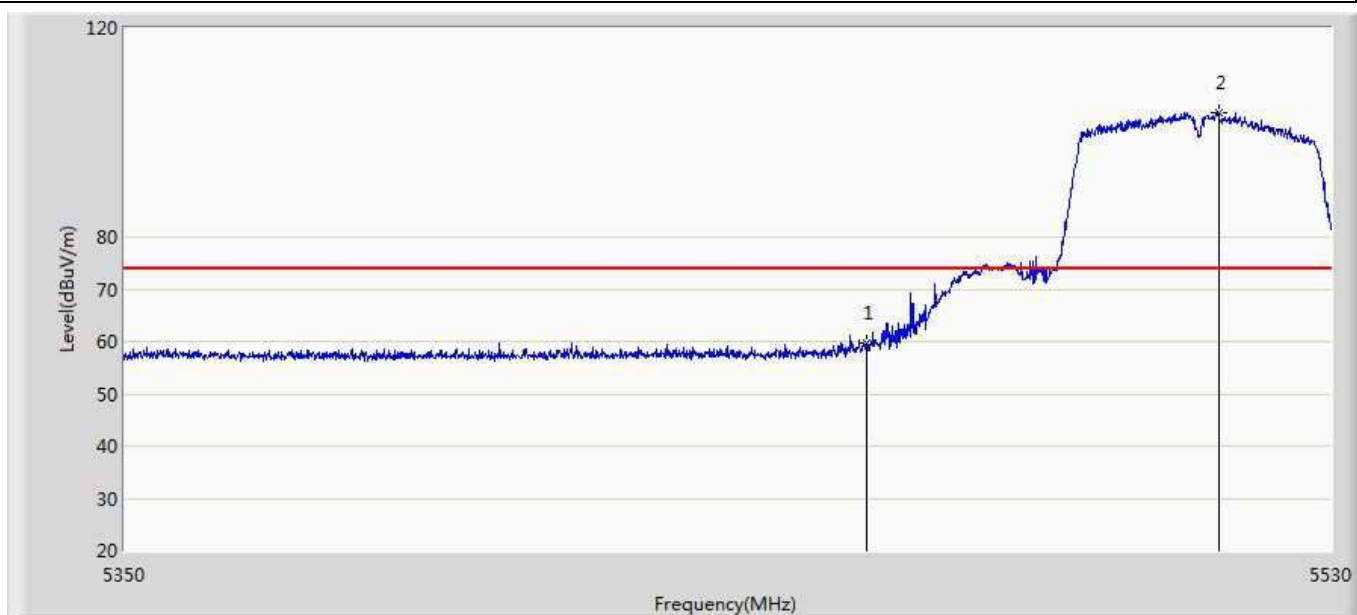
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5308.190	107.131	67.214	33.131	74.000	39.917	PK
2		5350.000	65.876	25.925	-8.124	74.000	39.951	PK
3		5350.605	68.672	28.720	-5.328	74.000	39.951	PK

Profile: 2040625R	Page No.: 33
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	48.241	8.039	-5.759	54.000	40.202	AV
2	*	5508.850	95.318	55.003	41.318	54.000	40.315	AV

Profile: 2040625R	Page No.: 34
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



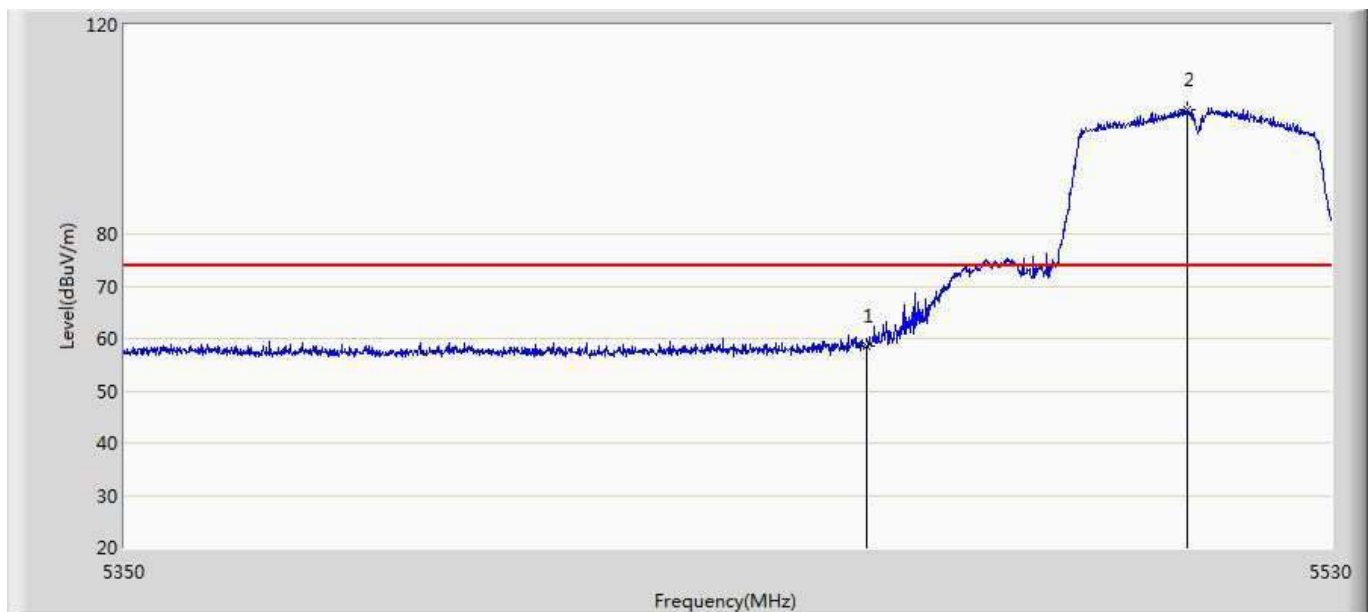
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.703	19.501	-14.297	74.000	40.202	PK
2	*	5512.990	103.870	63.550	29.870	74.000	40.320	PK

Profile: 2040625R	Page No.: 35
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	48.031	7.829	-5.969	54.000	40.202	AV
2	*	5511.370	95.640	55.322	41.640	54.000	40.318	AV

Profile: 2040625R	Page No.: 36
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



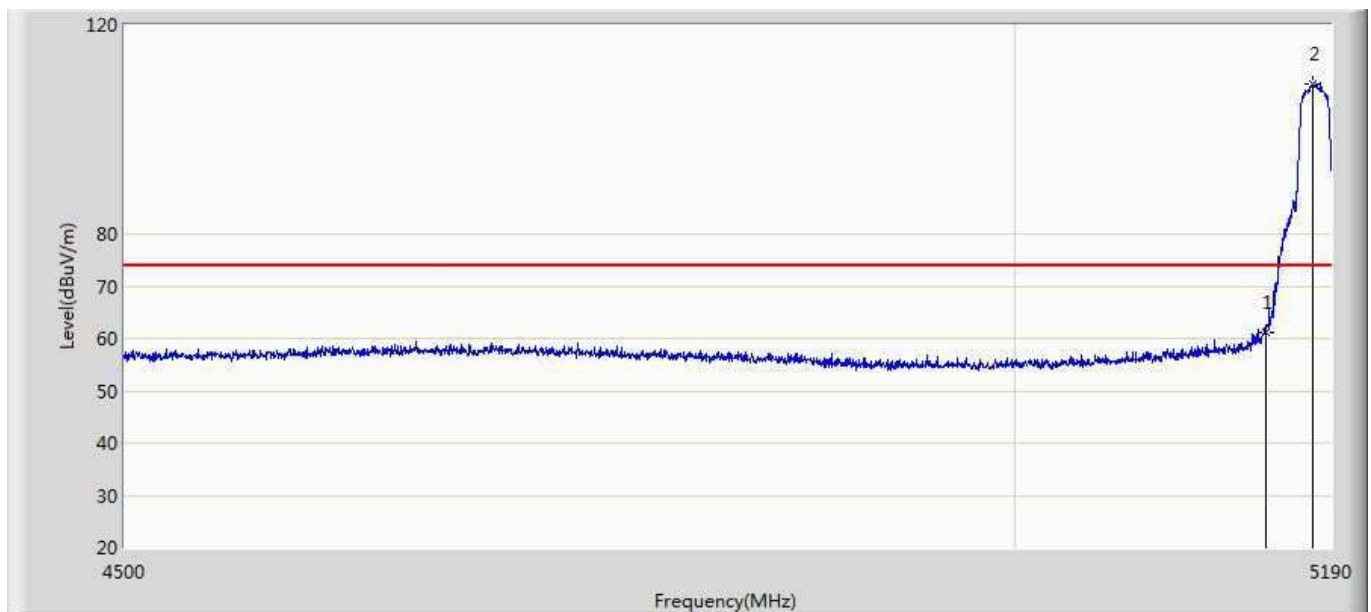
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.513	18.311	-15.487	74.000	40.202	PK
2	*	5508.310	103.792	63.477	29.792	74.000	40.315	PK

Profile: 2040625R	Page No.: 37
Engineer: YULIU	
Site: AC5	Time: 2020/05/14 - 23:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



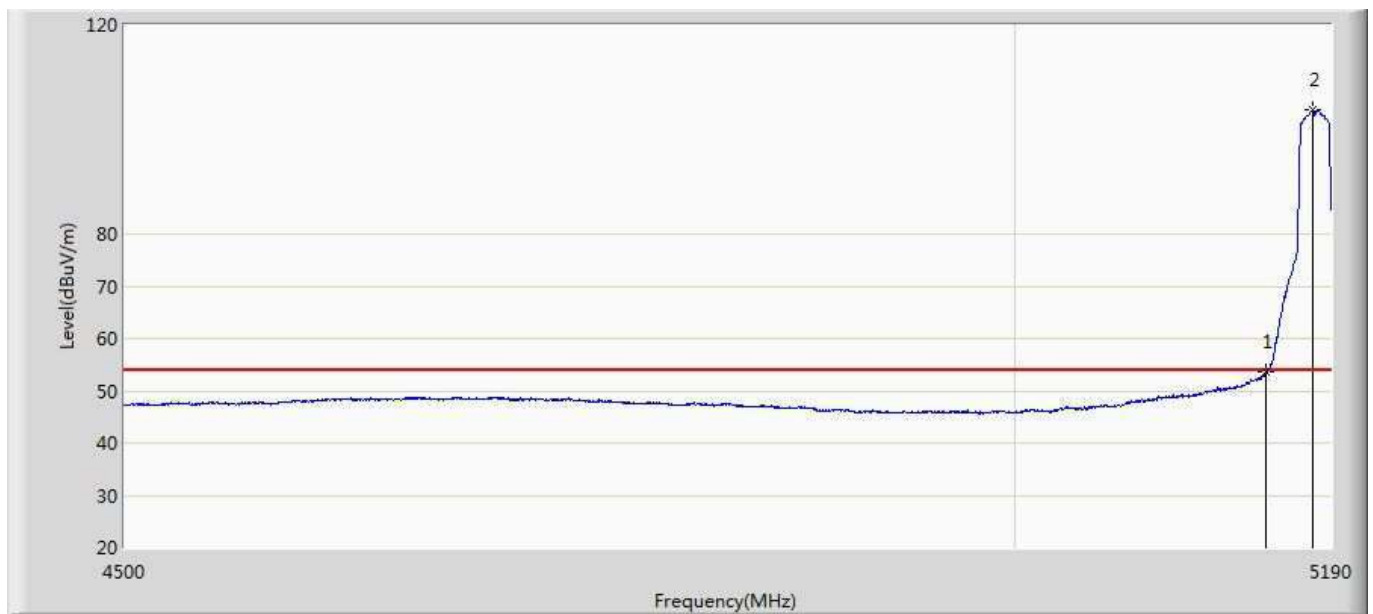
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.034	12.580	-1.966	54.000	39.454	AV
2	*	5178.615	102.181	62.658	48.181	54.000	39.523	AV

Profile: 2040625R	Page No.: 38
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



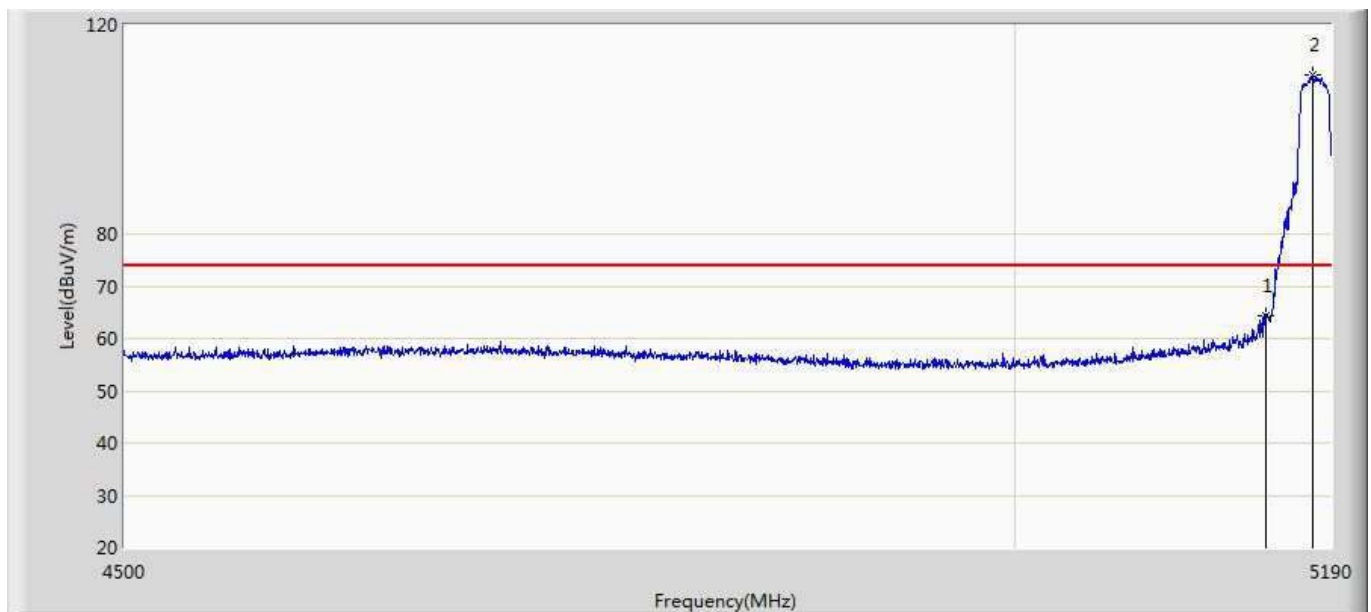
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.281	21.827	-12.719	74.000	39.454	PK
2	*	5178.960	108.717	69.196	34.717	74.000	39.520	PK

Profile: 2040625R	Page No.: 39
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



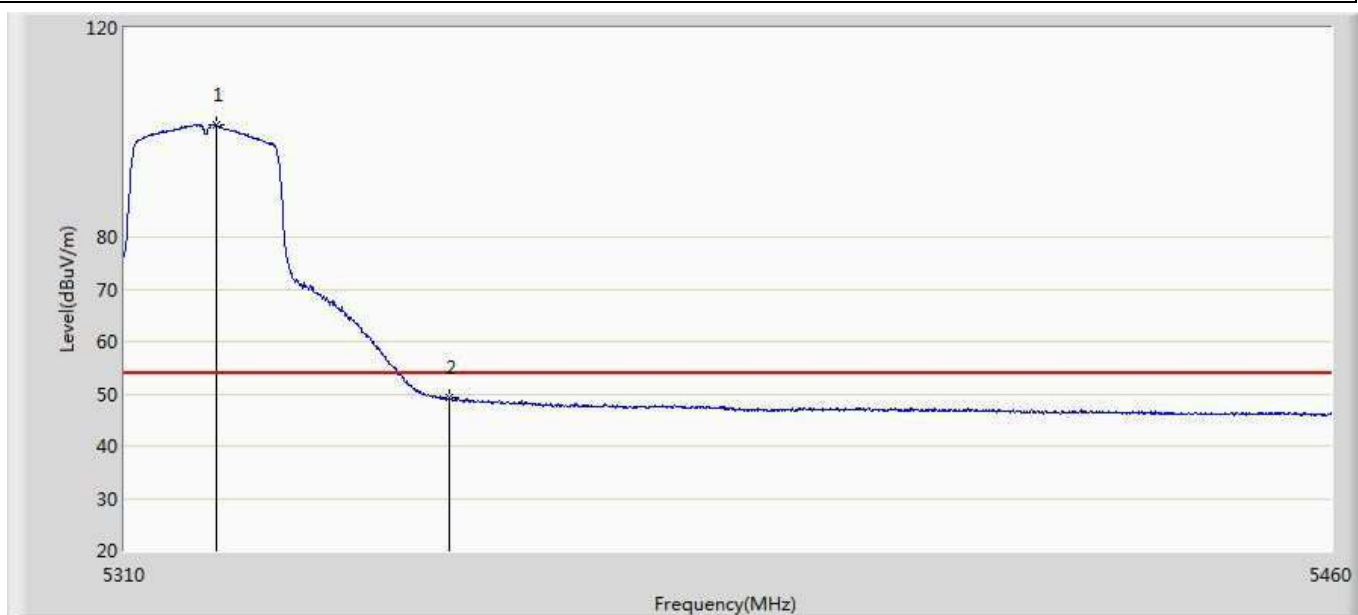
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.557	14.103	-0.443	54.000	39.454	AV
2	*	5179.305	103.906	64.388	49.906	54.000	39.518	AV

Profile: 2040625R	Page No.: 40
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



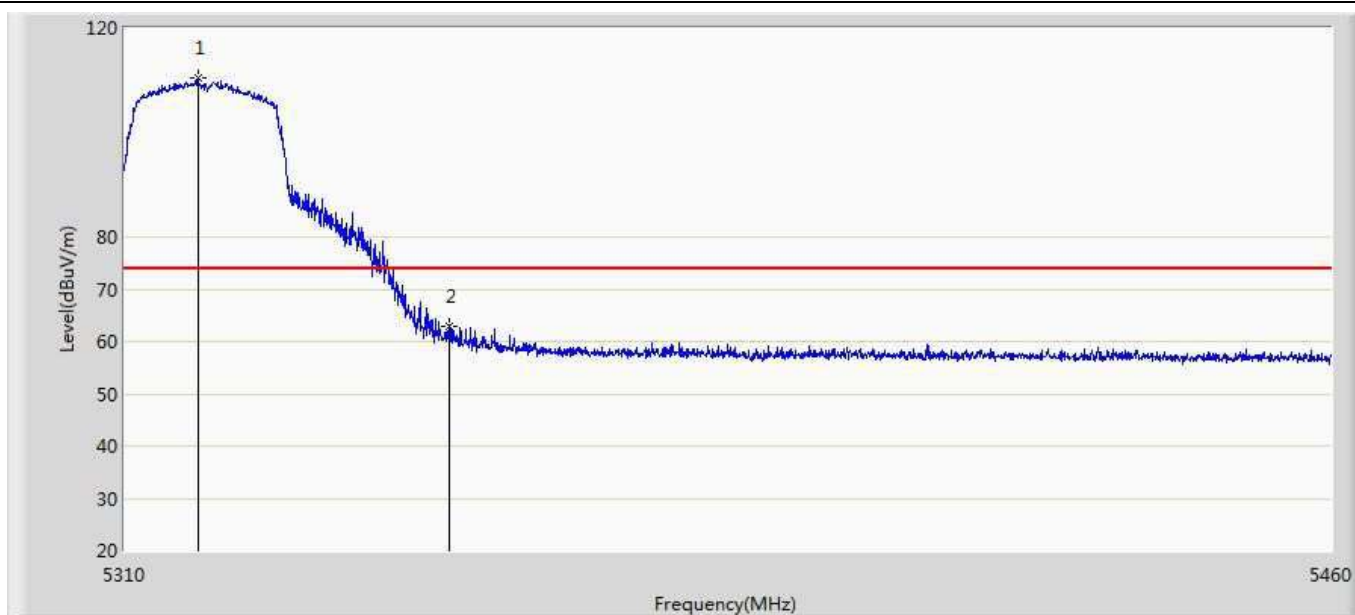
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.460	25.006	-9.540	74.000	39.454	PK
2	*	5179.305	110.577	71.059	36.577	74.000	39.518	PK

Profile: 2040625R	Page No.: 41
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



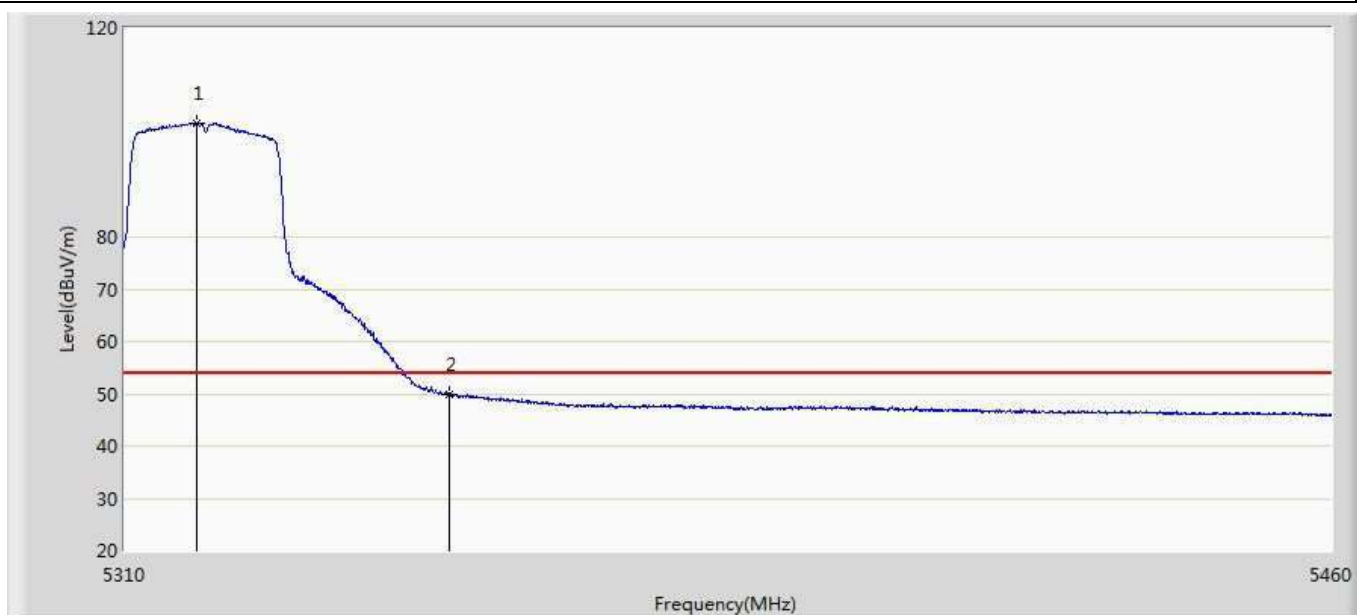
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.250	101.393	61.415	47.393	54.000	39.979	AV
2		5350.000	49.163	9.212	-4.837	54.000	39.951	AV

Profile: 2040625R	Page No.: 42
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



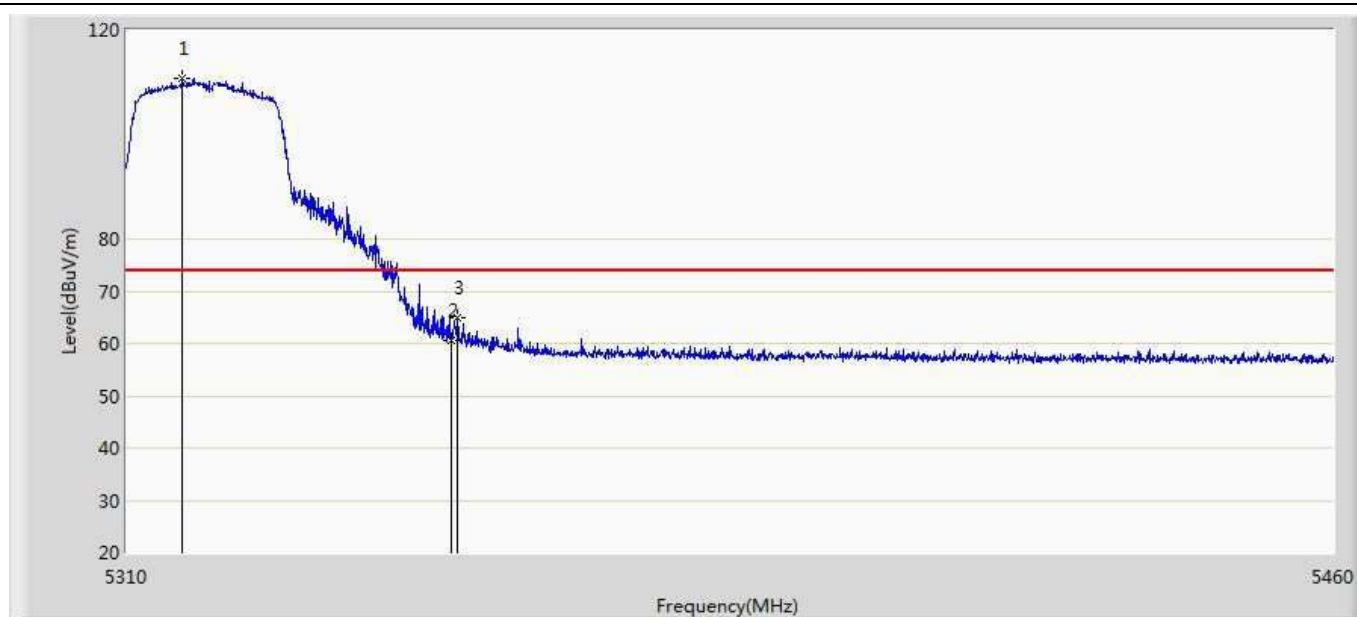
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.075	110.343	70.358	36.343	74.000	39.985	PK
2		5350.000	62.914	22.963	-11.086	74.000	39.951	PK

Profile: 2040625R	Page No.: 43
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



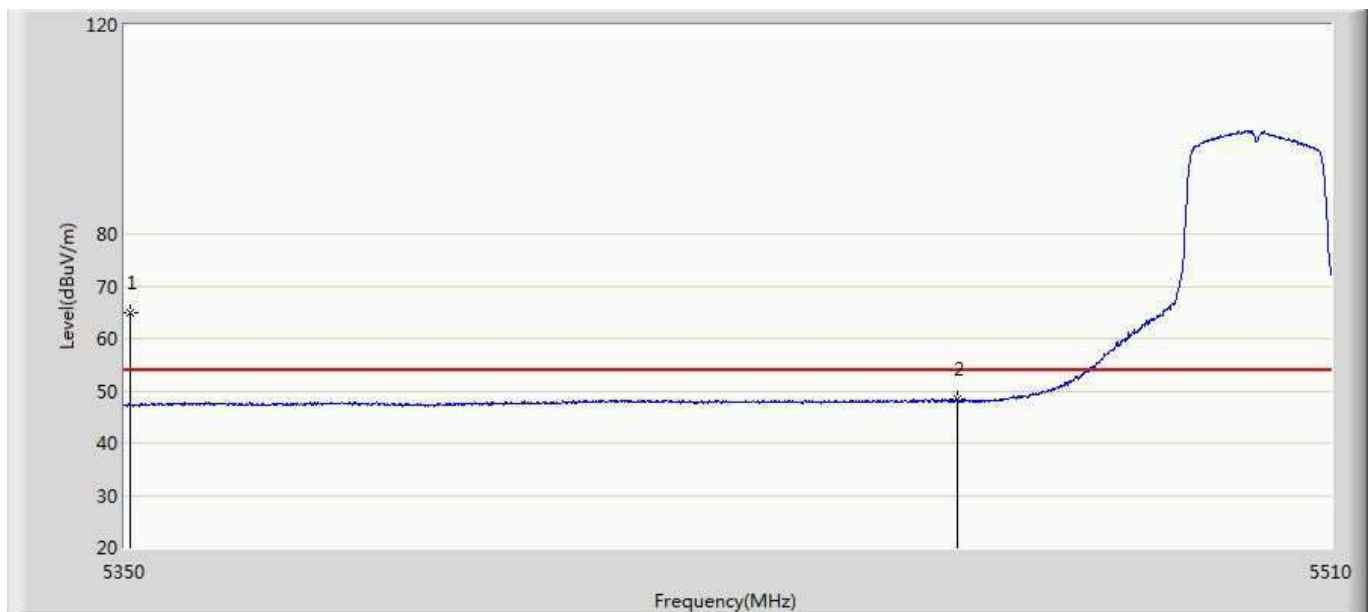
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.925	101.879	61.893	47.879	54.000	39.986	AV
2		5350.000	49.857	9.906	-4.143	54.000	39.951	AV

Profile: 2040625R	Page No.: 44
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



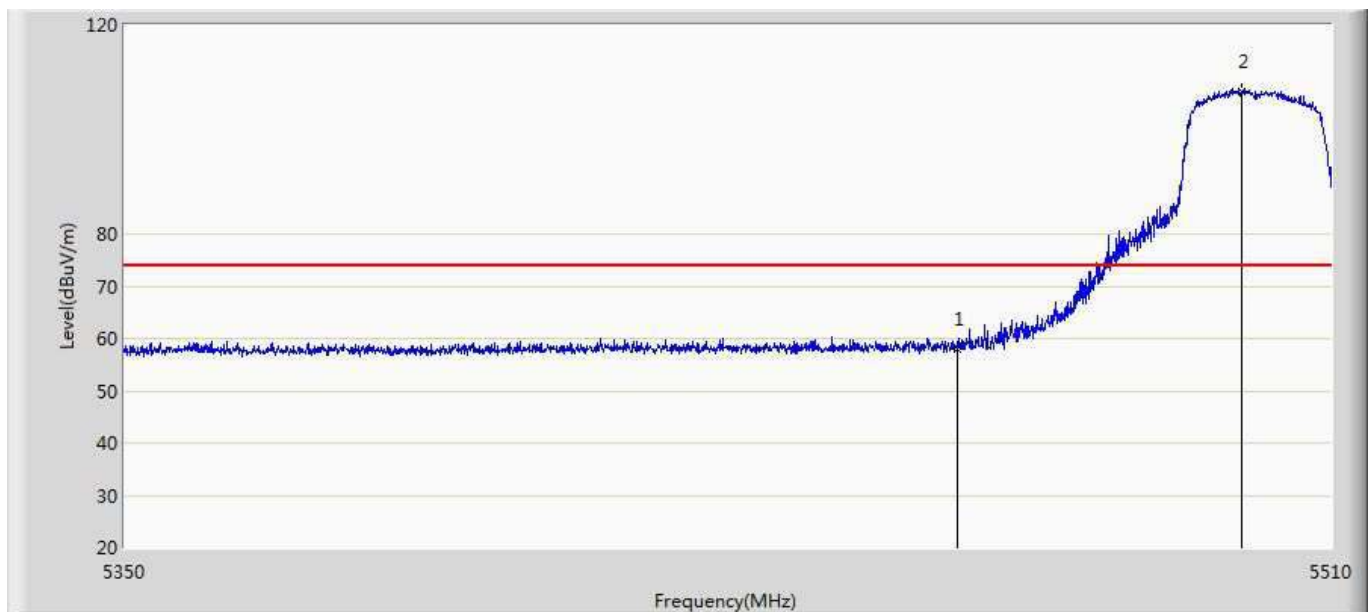
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.900	110.623	70.642	36.623	74.000	39.981	PK
2		5350.000	60.693	20.742	-13.307	74.000	39.951	PK
3		5350.800	64.836	24.884	-9.164	74.000	39.952	PK

Profile: 2040625R	Page No.: 45
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



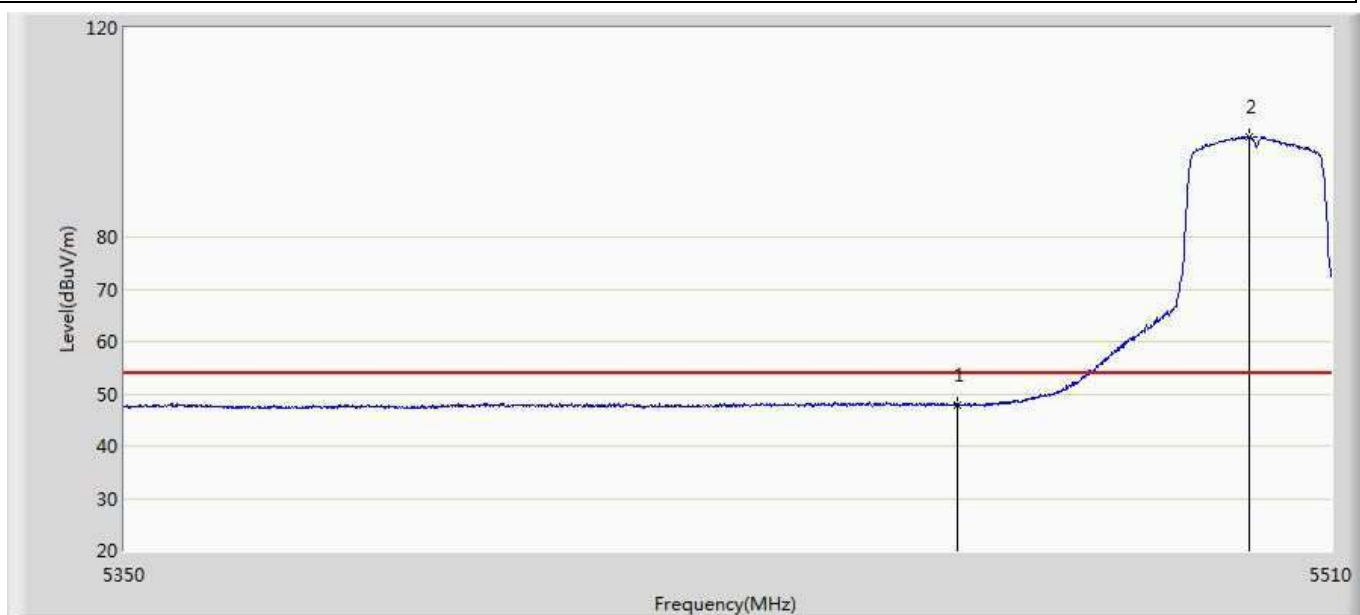
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.800	64.836	24.884	10.836	54.000	39.952	AV
2		5460.000	48.302	8.100	-5.698	54.000	40.202	AV

Profile: 2040625R	Page No.: 46
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



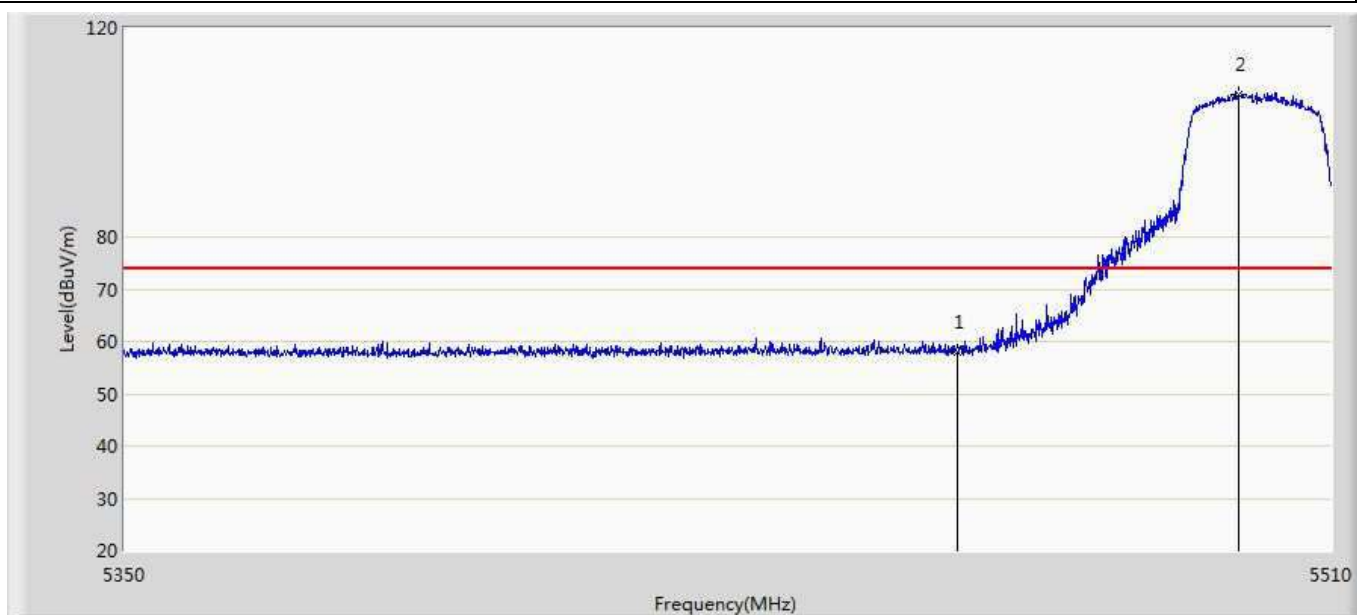
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	57.935	17.733	-16.065	74.000	40.202	PK
2	*	5498.000	107.378	67.051	33.378	74.000	40.327	PK

Profile: 2040625R	Page No.: 47
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



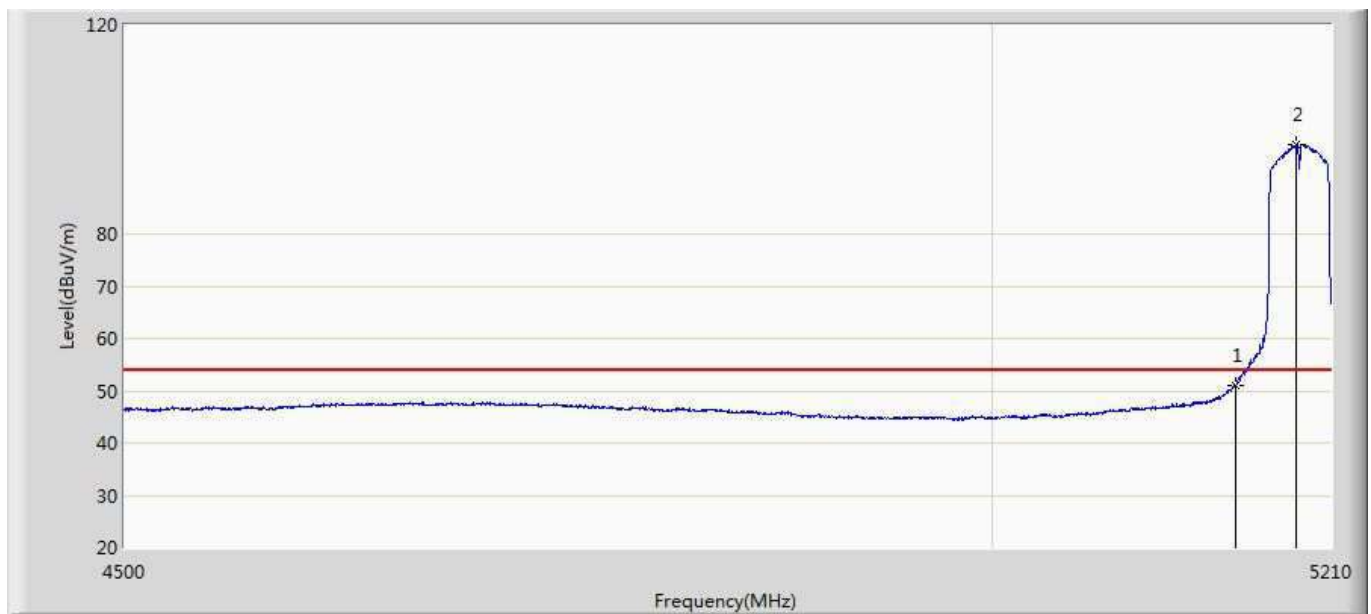
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.896	7.694	-6.104	54.000	40.202	AV
2	*	5498.960	99.161	58.836	45.161	54.000	40.325	AV

Profile: 2040625R	Page No.: 48
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



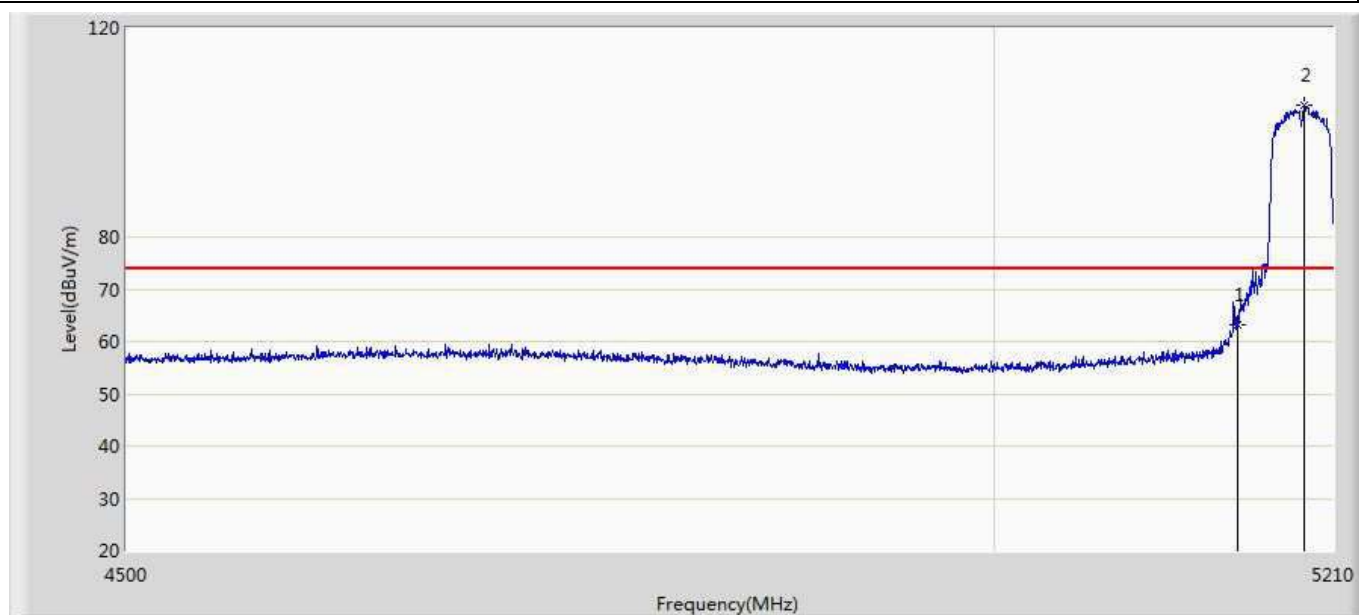
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	57.879	17.677	-16.121	74.000	40.202	PK
2	*	5497.600	107.273	66.945	33.273	74.000	40.327	PK

Profile: 2040625R	Page No.: 49
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



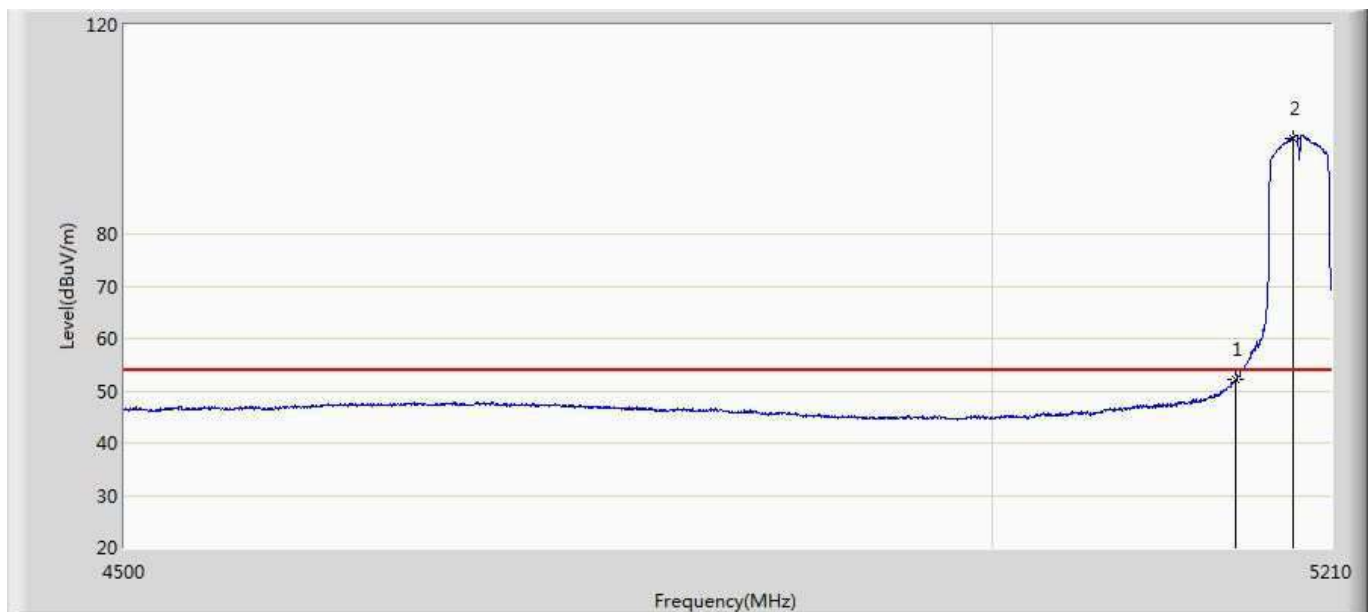
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.974	11.520	-3.026	54.000	39.454	AV
2	*	5188.345	97.190	57.628	43.190	54.000	39.562	AV

Profile: 2040625R	Page No.: 50
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



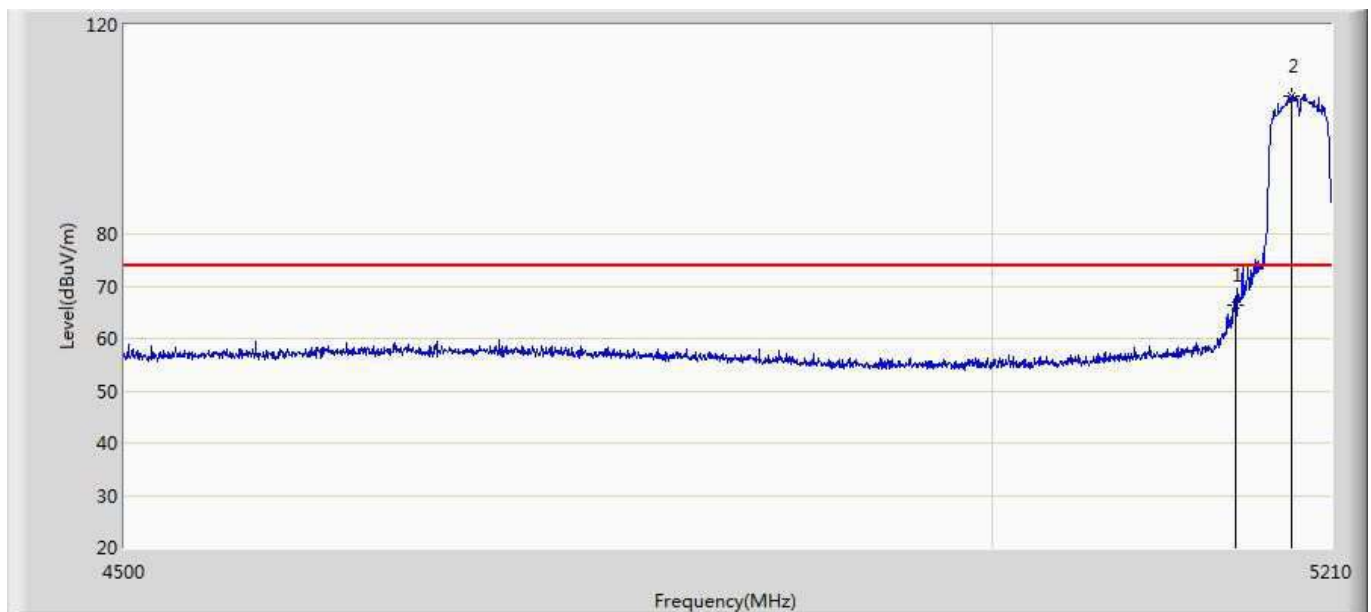
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.096	23.642	-10.904	74.000	39.454	PK
2	*	5191.895	105.087	65.490	31.087	74.000	39.597	PK

Profile: 2040625R	Page No.: 51
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



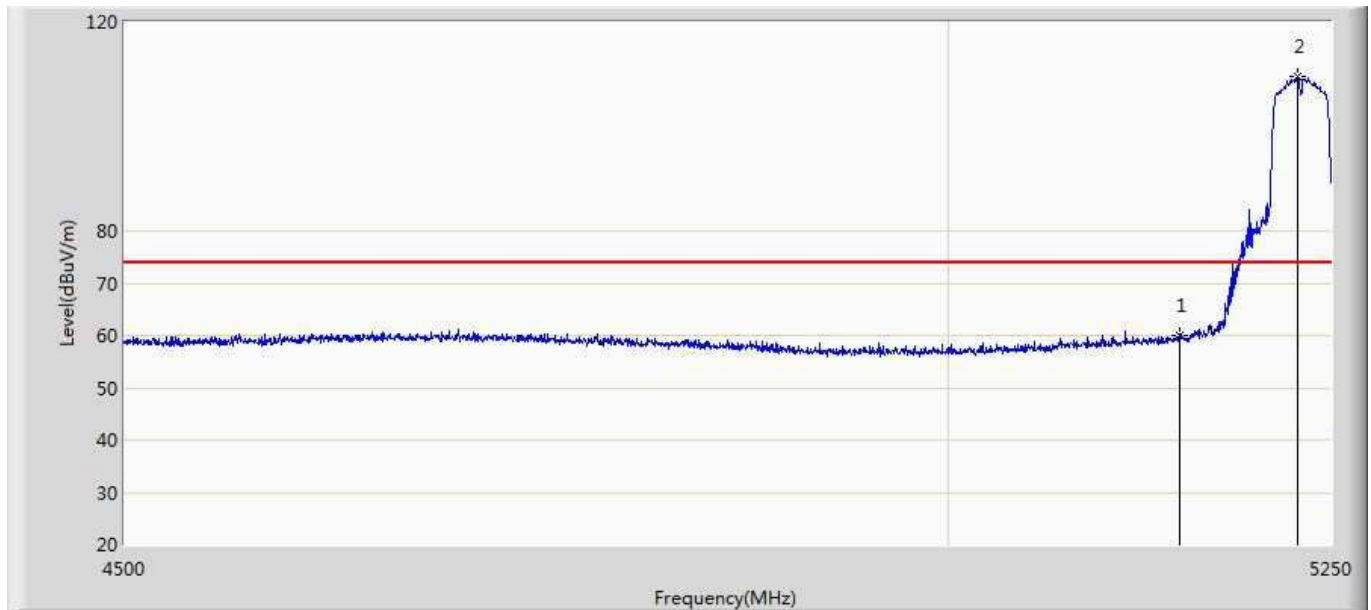
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.292	12.838	-1.708	54.000	39.454	AV
2	*	5185.860	98.387	58.849	44.387	54.000	39.538	AV

Profile: 2040625R	Page No.: 52
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



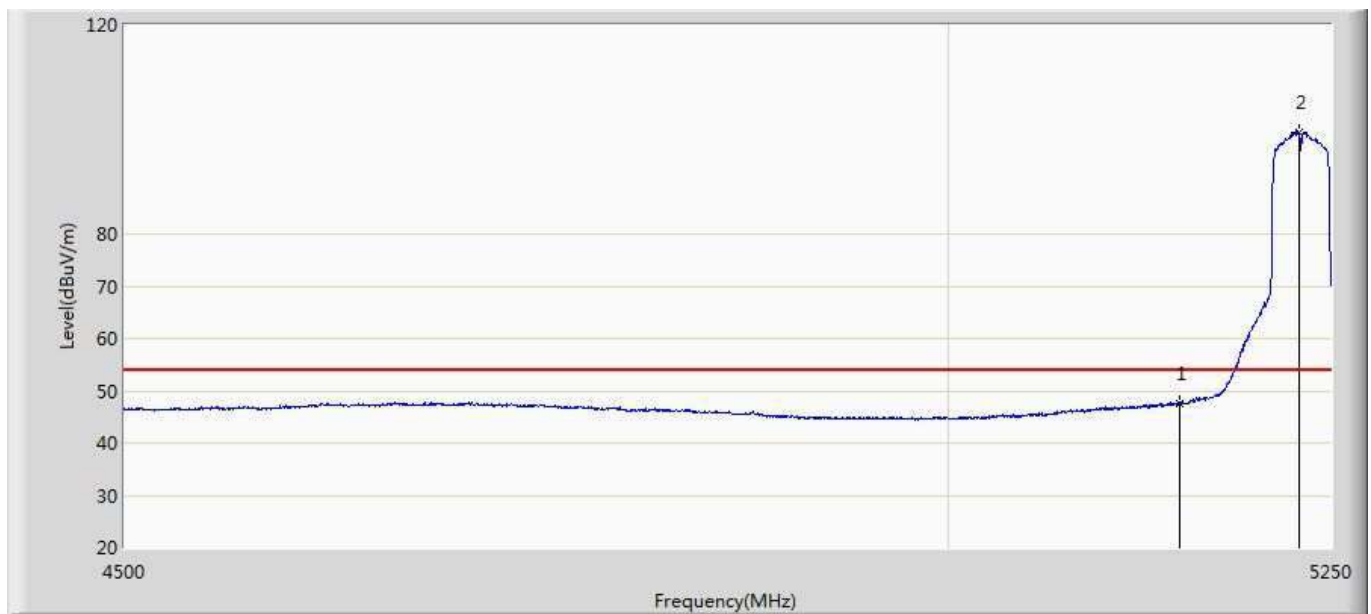
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.446	26.992	-7.554	74.000	39.454	PK
2	*	5184.795	106.432	66.905	32.432	74.000	39.527	PK

Profile: 2040625R	Page No.: 33
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230Mhz by 802.11ac(40MHz)	



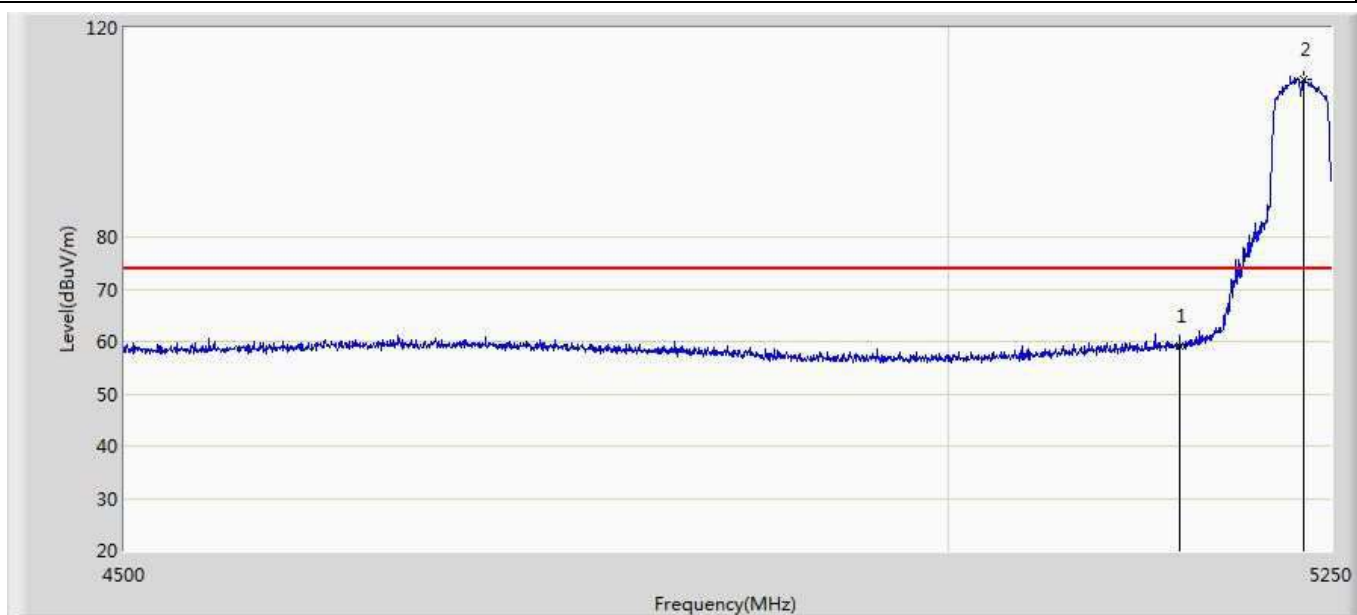
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.939	20.485	-14.061	74.000	39.454	PK
2	*	5227.875	109.445	69.817	35.445	74.000	39.628	PK

Profile: 2040625R	Page No.: 34
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230Mhz by 802.11ac(40MHz)	



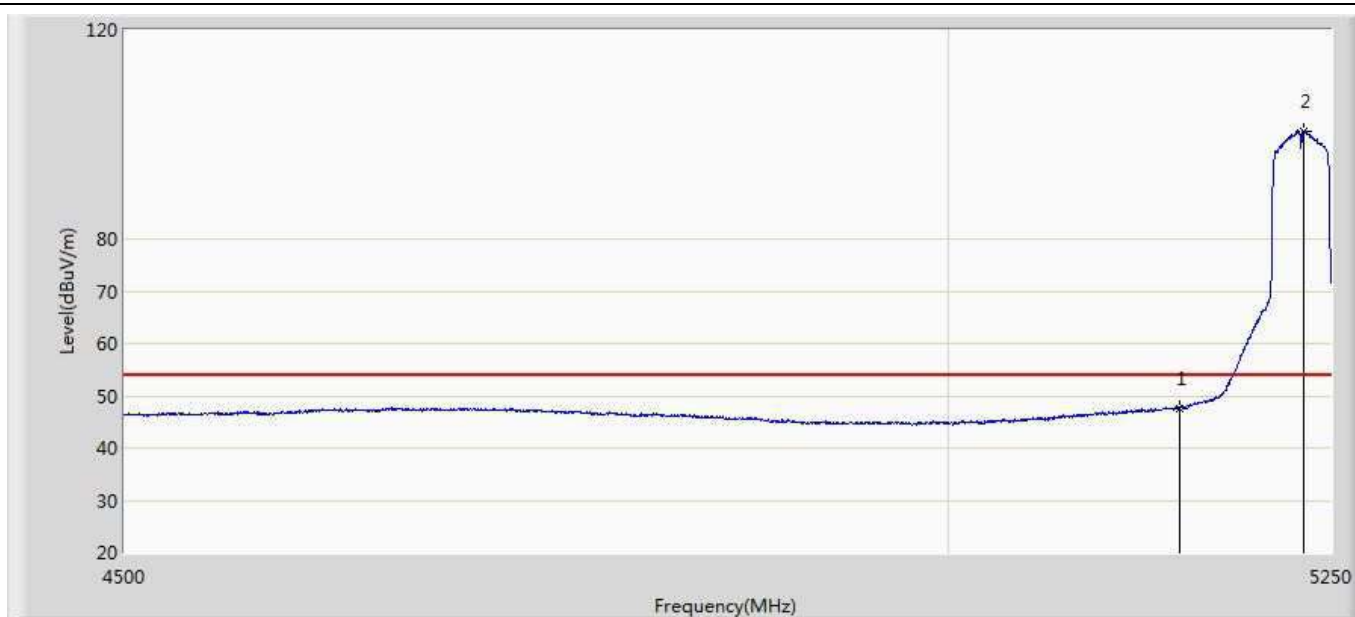
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.497	8.043	-6.503	54.000	39.454	AV
2	*	5228.250	99.551	59.925	45.551	54.000	39.627	AV

Profile: 2040625R	Page No.: 35
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230Mhz by 802.11ac(40MHz)	



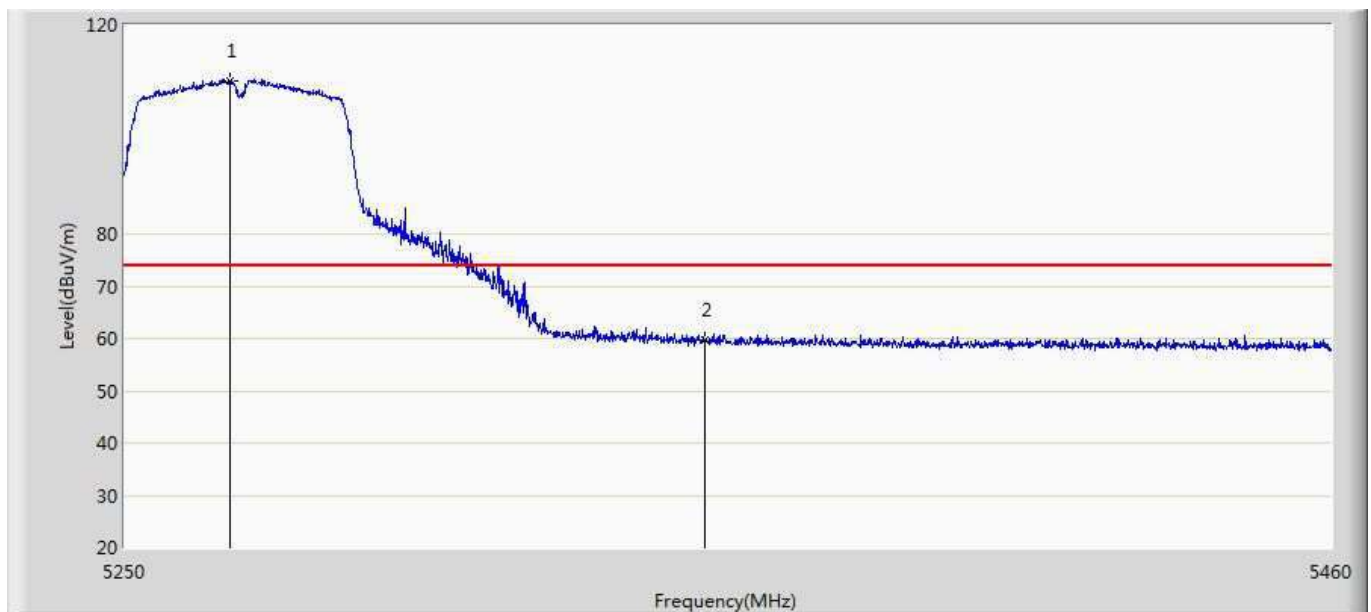
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.060	19.606	-14.940	74.000	39.454	PK
2	*	5231.625	110.279	70.668	36.279	74.000	39.611	PK

Profile: 2040625R	Page No.: 36
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5230Mhz by 802.11ac(40MHz)	



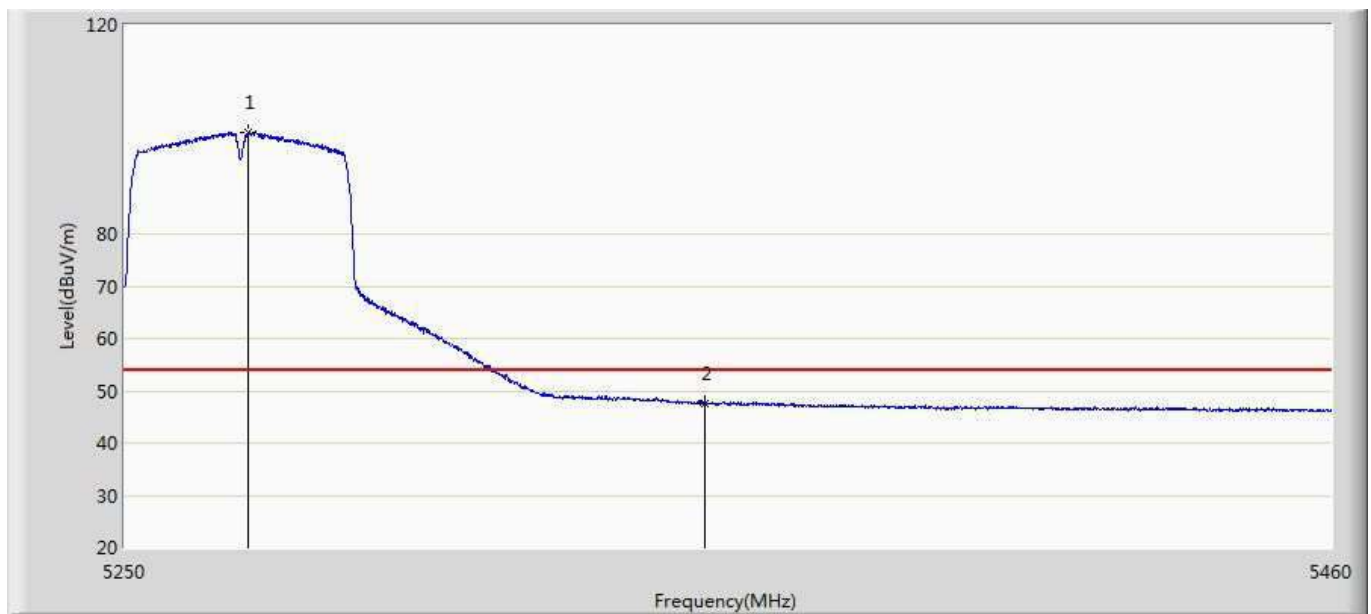
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.645	8.191	-6.355	54.000	39.454	AV
2	*	5232.000	100.678	61.069	46.678	54.000	39.609	AV

Profile: 2040625R	Page No.: 37
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270Mhz by 802.11ac(40MHz)	



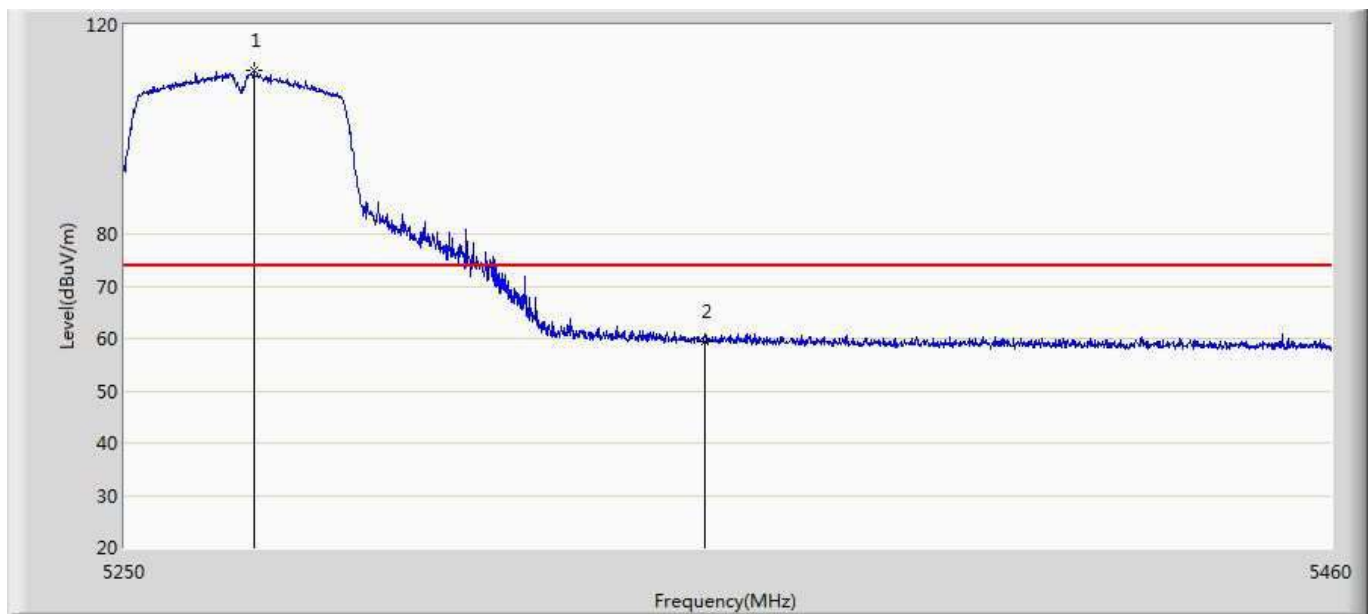
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5268.060	109.370	69.622	35.370	74.000	39.748	PK
2		5350.000	59.727	19.776	-14.273	74.000	39.951	PK

Profile: 2040625R	Page No.: 38
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270Mhz by 802.11ac(40MHz)	



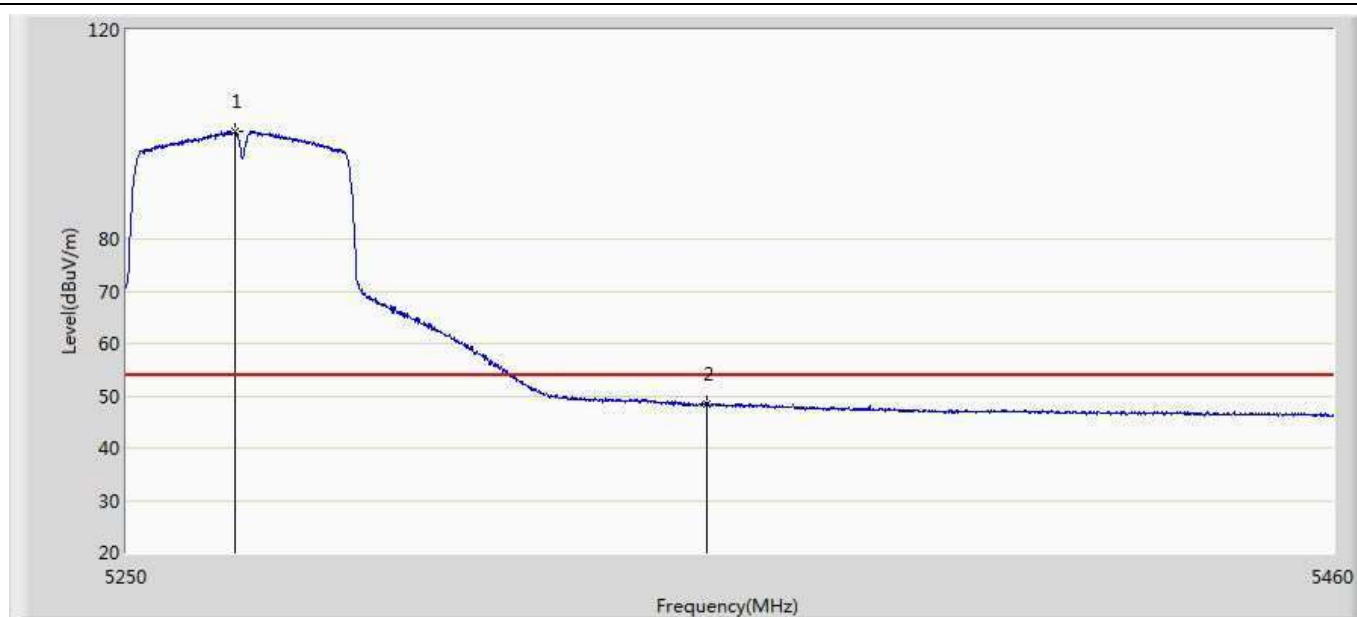
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5271.315	99.467	59.694	45.467	54.000	39.774	AV
2		5350.000	47.630	7.679	-6.370	54.000	39.951	AV

Profile: 2040625R	Page No.: 39
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270Mhz by 802.11ac(40MHz)	



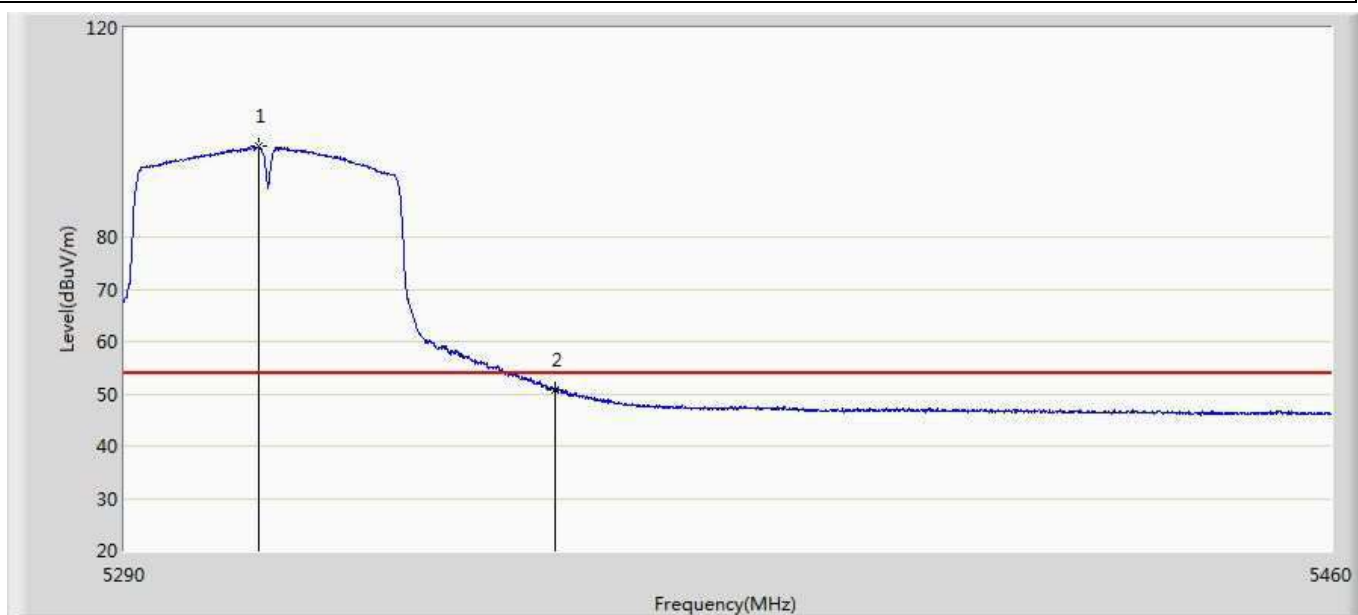
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5272.260	111.176	71.396	37.176	74.000	39.780	PK
2		5350.000	59.426	19.475	-14.574	74.000	39.951	PK

Profile: 2040625R	Page No.: 40
Engineer: YULIU	
Site: AC5	Time: 2020/07/07 - 20:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5270Mhz by 802.11ac(40MHz)	



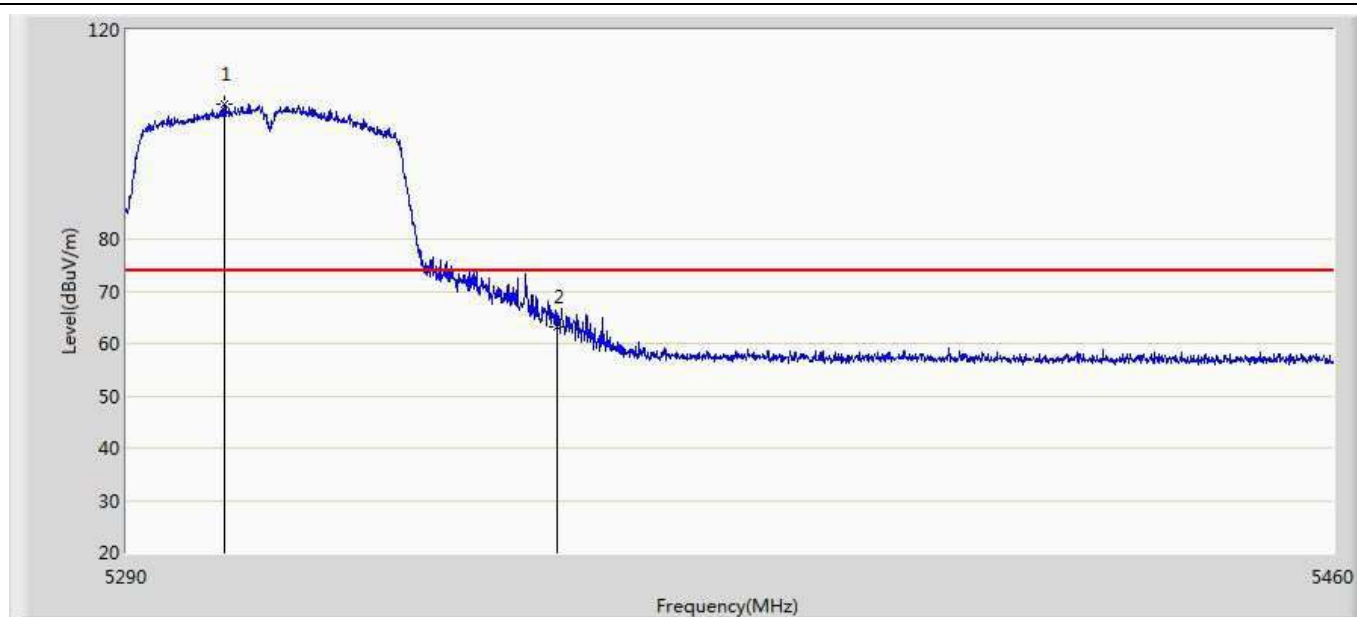
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5268.690	100.618	60.865	46.618	54.000	39.753	AV
2		5350.000	48.439	8.488	-5.561	54.000	39.951	AV

Profile: 2040625R	Page No.: 53
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 00:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



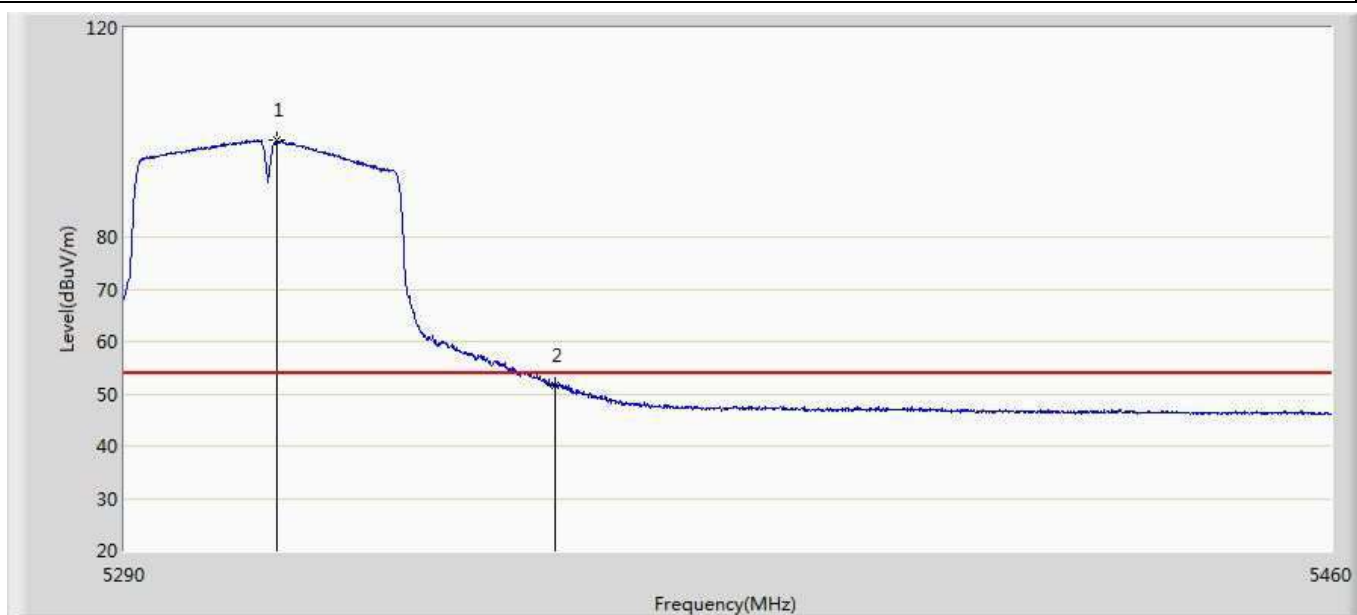
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5308.700	97.317	57.396	43.317	54.000	39.921	AV
2		5350.000	50.735	10.784	-3.265	54.000	39.951	AV

Profile: 2040625R	Page No.: 54
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



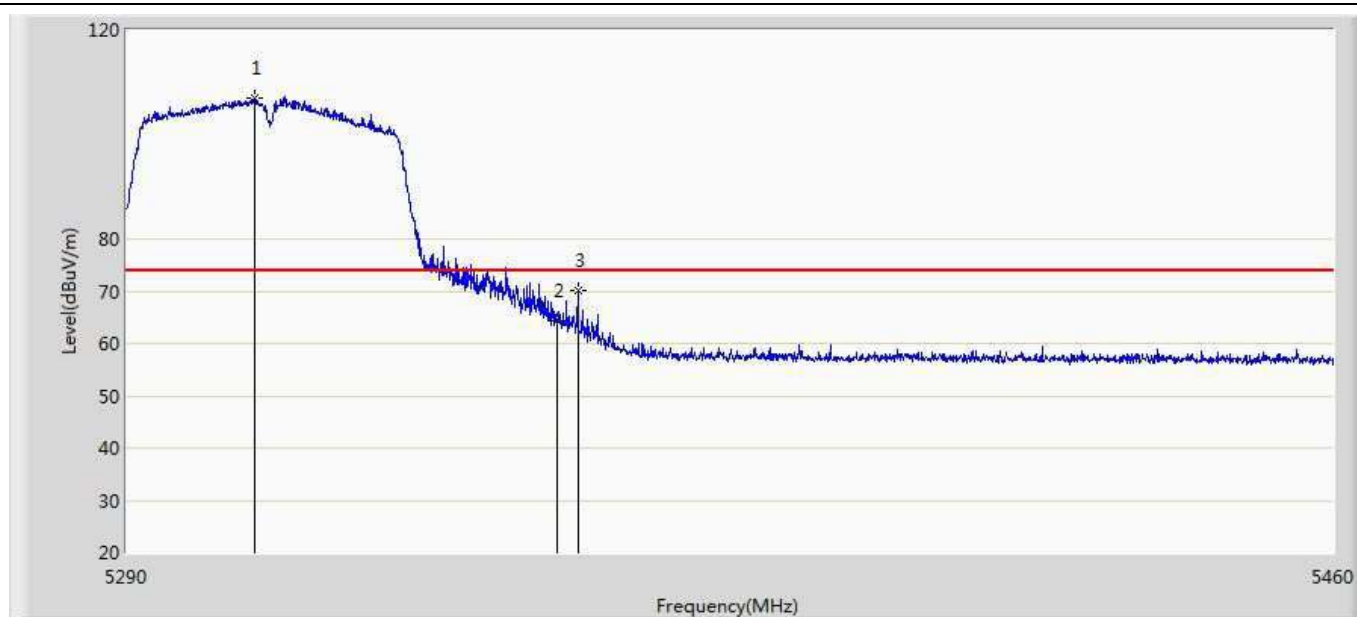
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5303.600	105.701	65.818	31.701	74.000	39.884	PK
2		5350.000	63.202	23.251	-10.798	74.000	39.951	PK

Profile: 2040625R	Page No.: 55
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5311.250	98.429	58.490	44.429	54.000	39.939	AV
2		5350.000	51.693	11.742	-2.307	54.000	39.951	AV

Profile: 2040625R	Page No.: 56
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



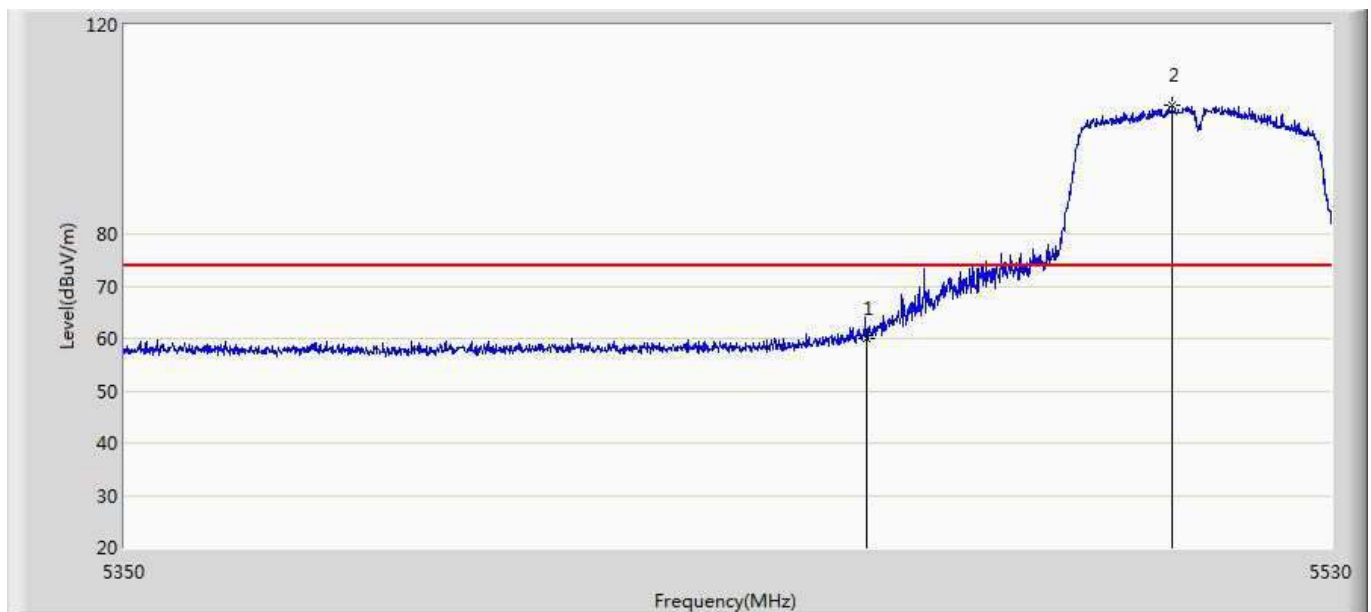
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5307.850	107.021	67.106	33.021	74.000	39.914	PK
2		5350.000	64.423	24.472	-9.577	74.000	39.951	PK
3		5352.985	70.249	30.293	-3.751	74.000	39.956	PK

Profile: 2040625R	Page No.: 57
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



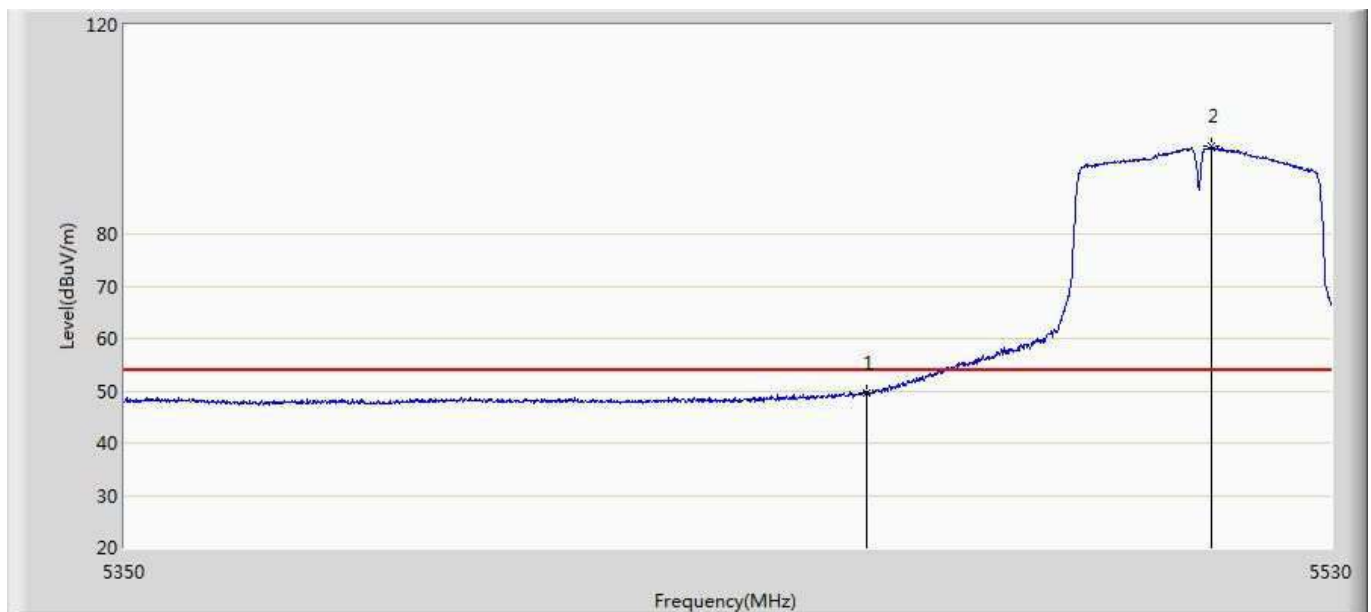
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.822	9.620	-4.178	54.000	40.202	AV
2	*	5507.860	96.412	56.098	42.412	54.000	40.314	AV

Profile: 2040625R	Page No.: 58
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



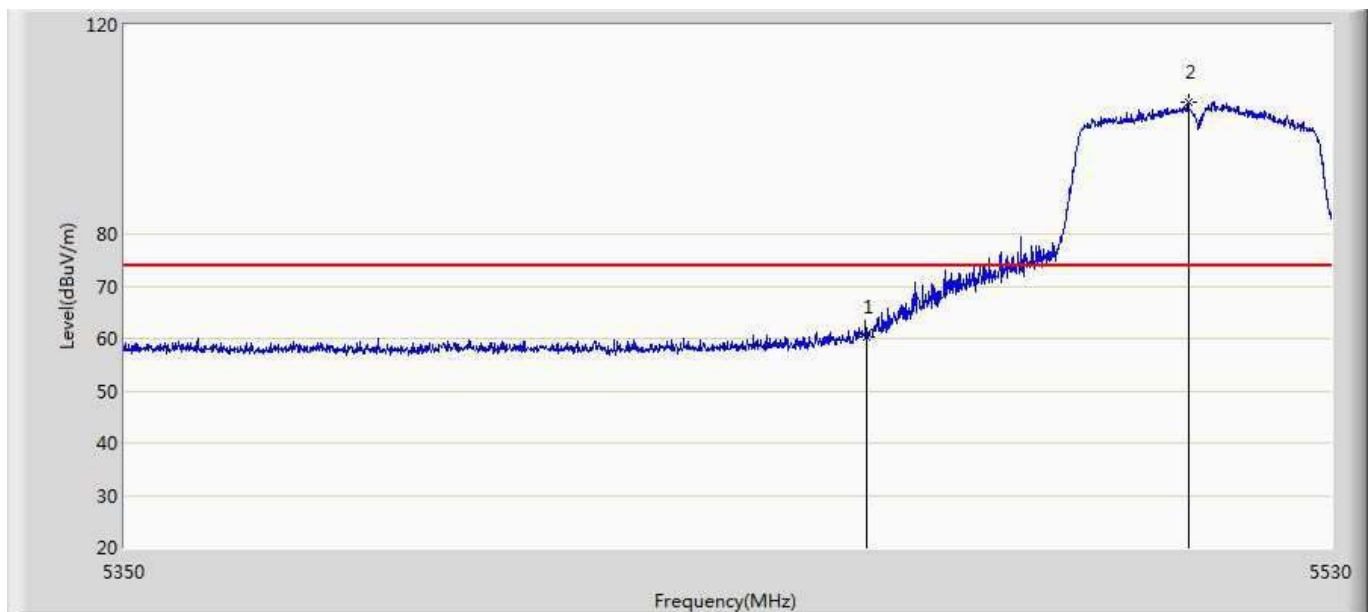
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.125	19.923	-13.875	74.000	40.202	PK
2	*	5505.970	104.760	64.448	30.760	74.000	40.312	PK

Profile: 2040625R	Page No.: 59
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



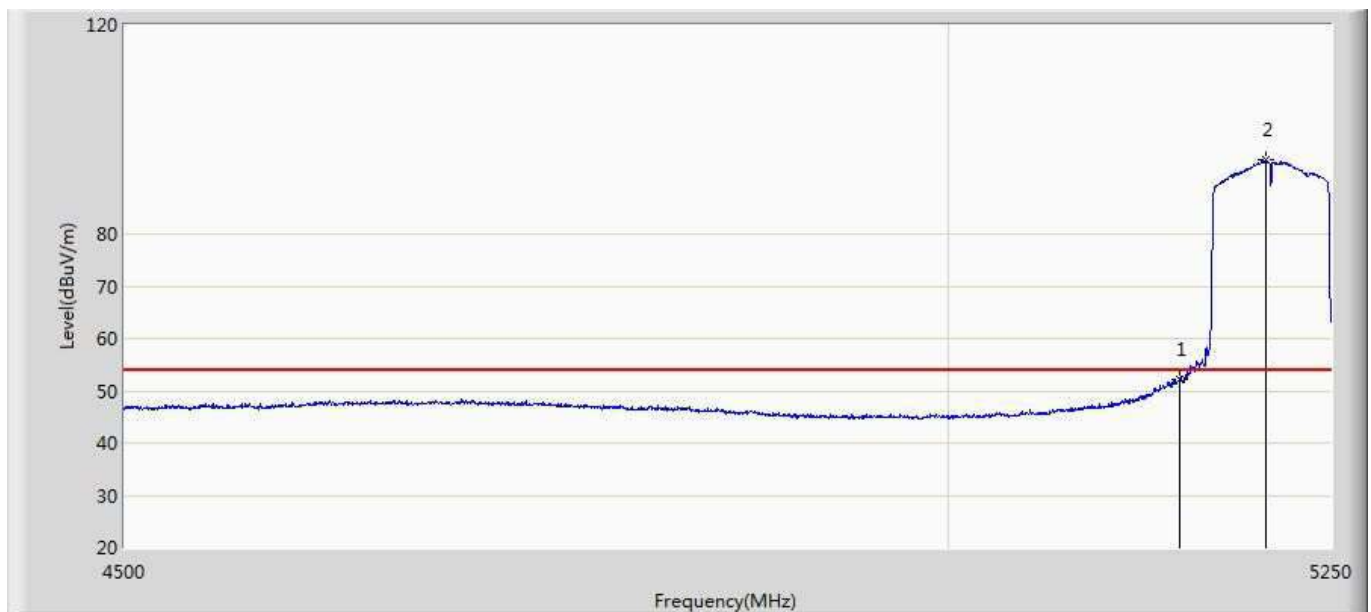
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.679	9.477	-4.321	54.000	40.202	AV
2	*	5511.910	96.713	56.394	42.713	54.000	40.319	AV

Profile: 2040625R	Page No.: 60
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



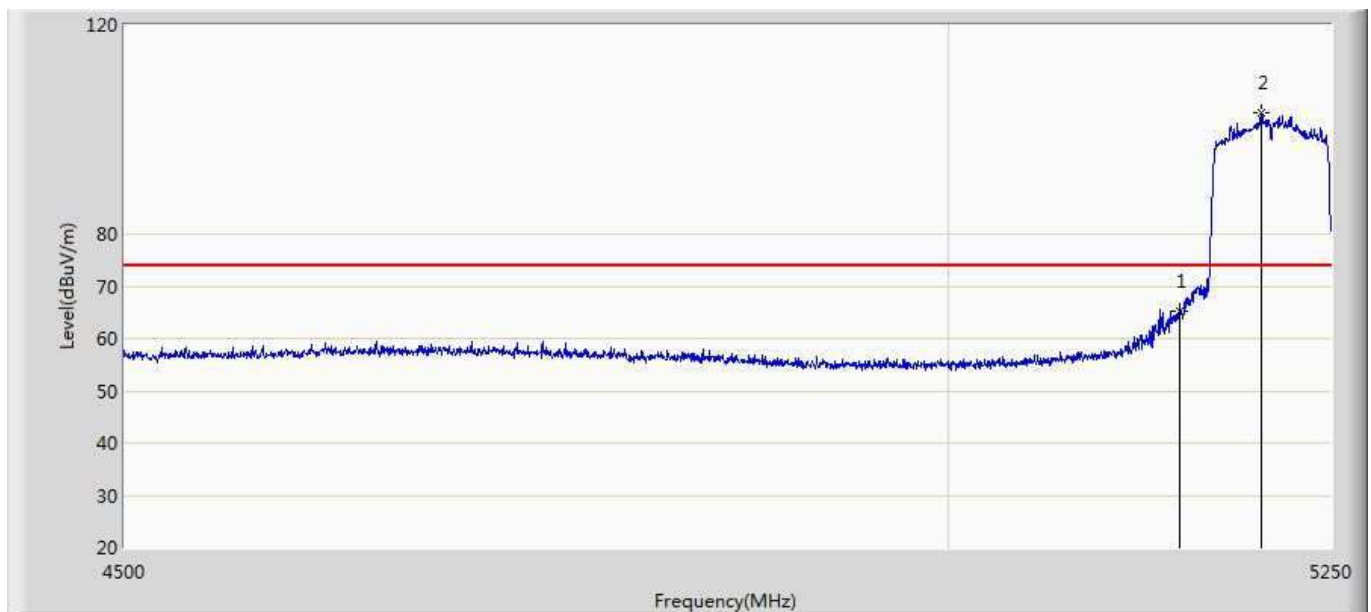
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.194	19.992	-13.806	74.000	40.202	PK
2	*	5508.400	105.123	64.808	31.123	74.000	40.315	PK

Profile: 2040625R	Page No.: 61
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.310	12.856	-1.690	54.000	39.454	AV
2	*	5206.875	94.098	54.423	40.098	54.000	39.675	AV

Profile: 2040625R	Page No.: 62
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



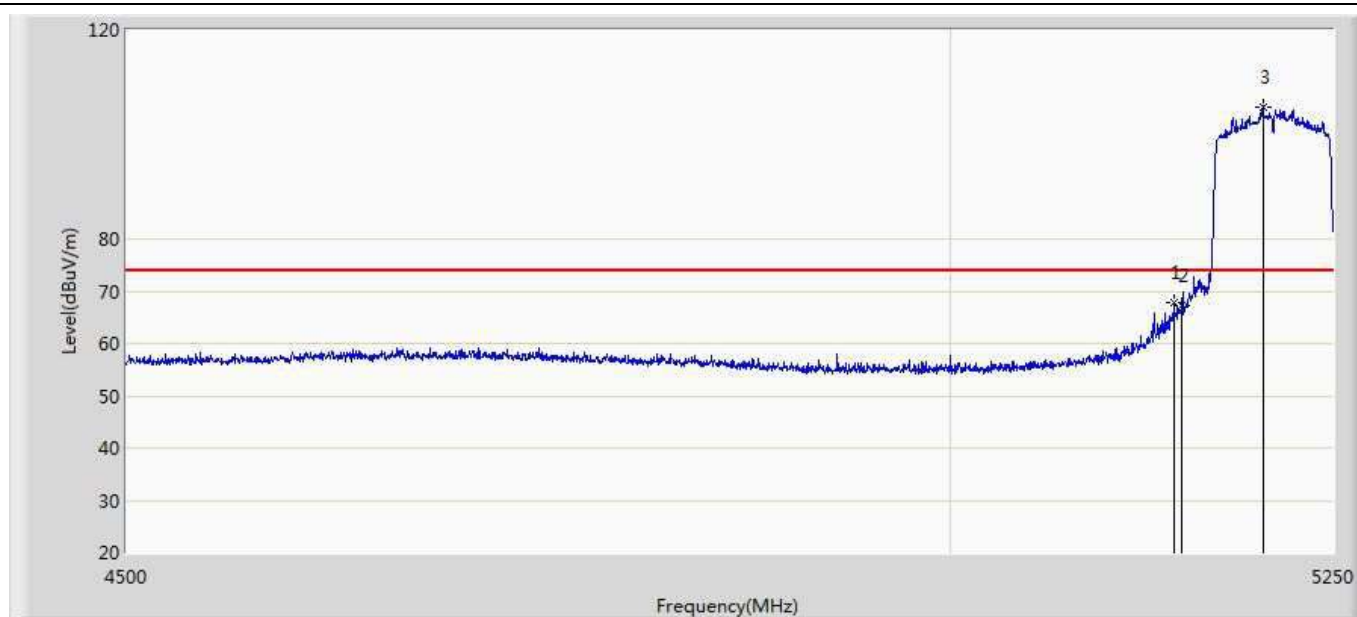
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.254	25.800	-8.746	74.000	39.454	PK
2	*	5203.125	103.143	63.472	29.143	74.000	39.672	PK

Profile: 2040625R	Page No.: 63
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



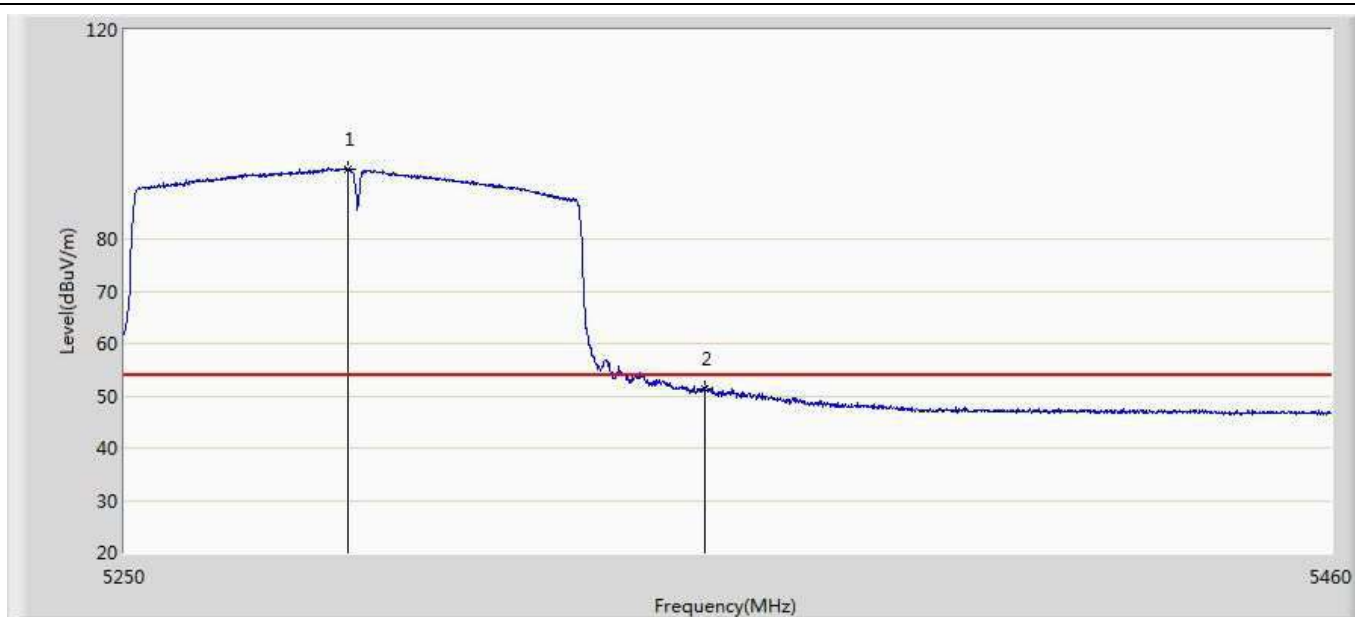
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.475	14.021	-0.525	54.000	39.454	AV
2	*	5208.000	96.266	56.590	42.266	54.000	39.676	AV

Profile: 2040625R	Page No.: 64
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 01:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



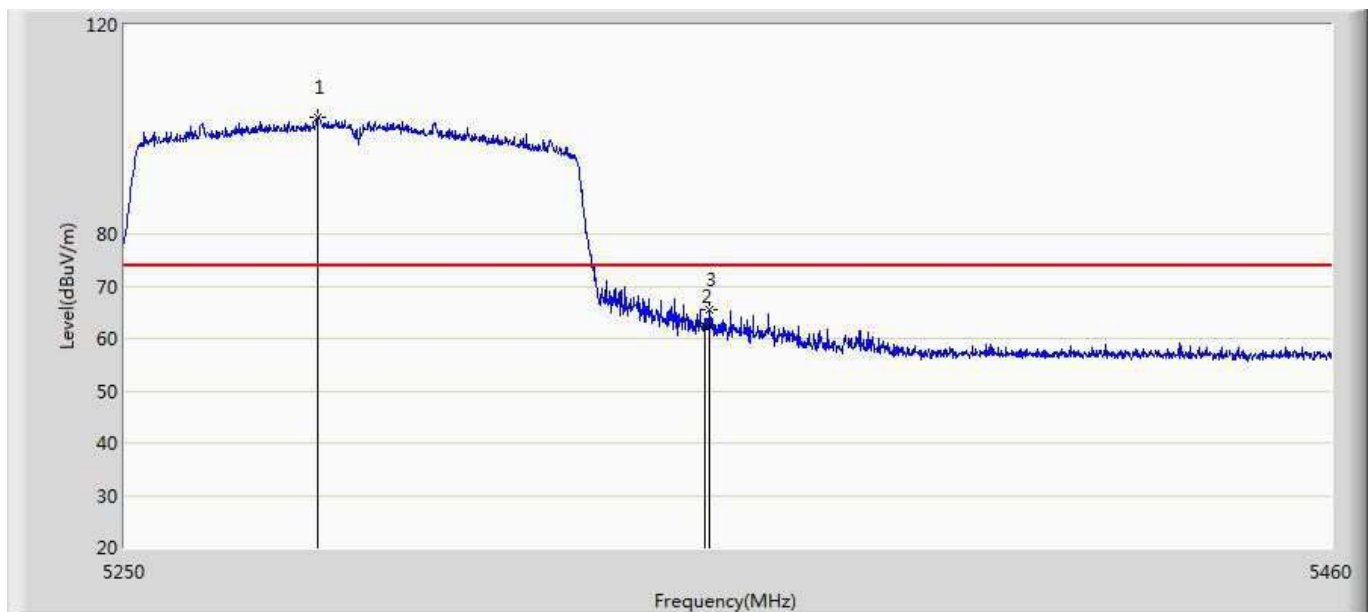
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5144.625	67.957	28.534	-6.043	74.000	39.423	PK
2		5150.000	67.341	27.887	-6.659	74.000	39.454	PK
3	*	5203.125	105.284	65.613	31.284	74.000	39.672	PK

Profile: 2040625R	Page No.: 65
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



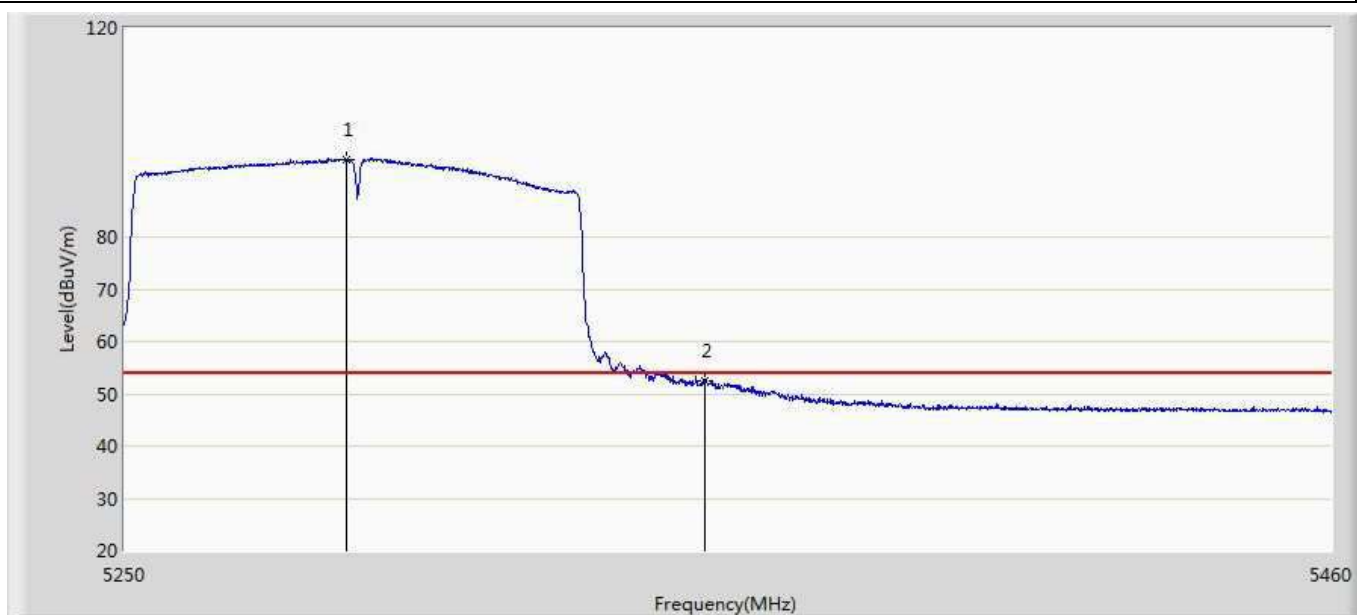
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5288.325	93.476	53.606	39.476	54.000	39.870	AV
2		5350.000	51.255	11.304	-2.745	54.000	39.951	AV

Profile: 2040625R	Page No.: 66
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



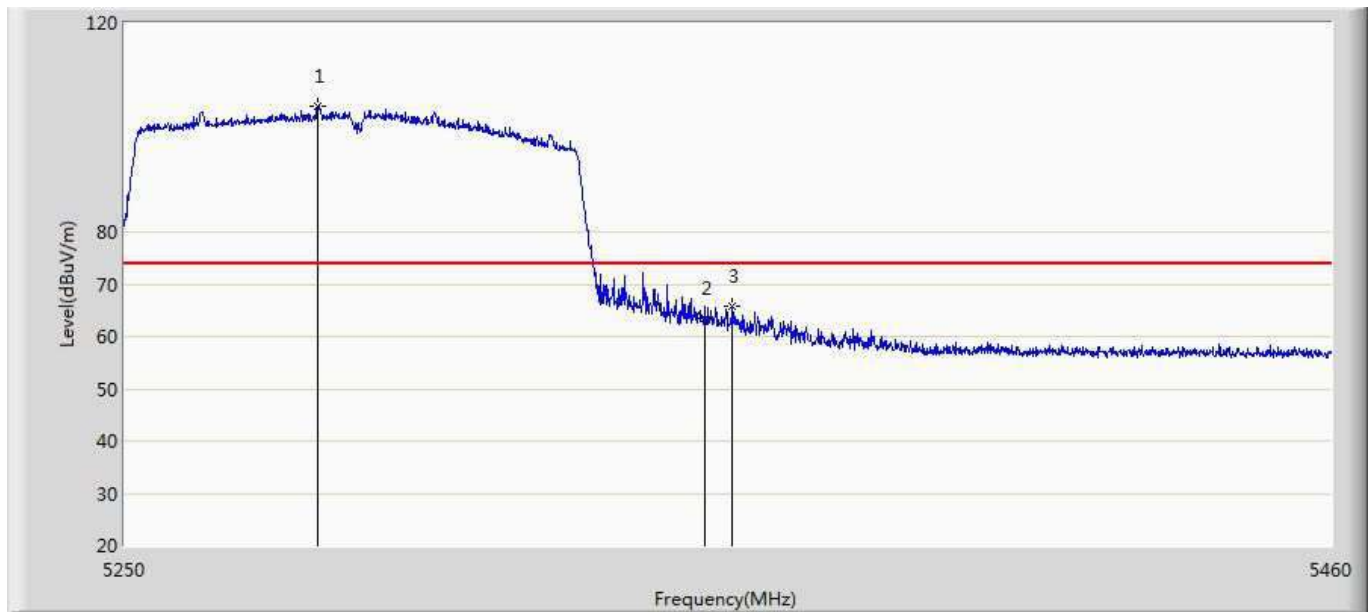
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5283.180	102.409	62.544	28.409	74.000	39.865	PK
2		5350.000	62.355	22.404	-11.645	74.000	39.951	PK
3		5350.905	65.610	25.658	-8.390	74.000	39.952	PK

Profile: 2040625R	Page No.: 67
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



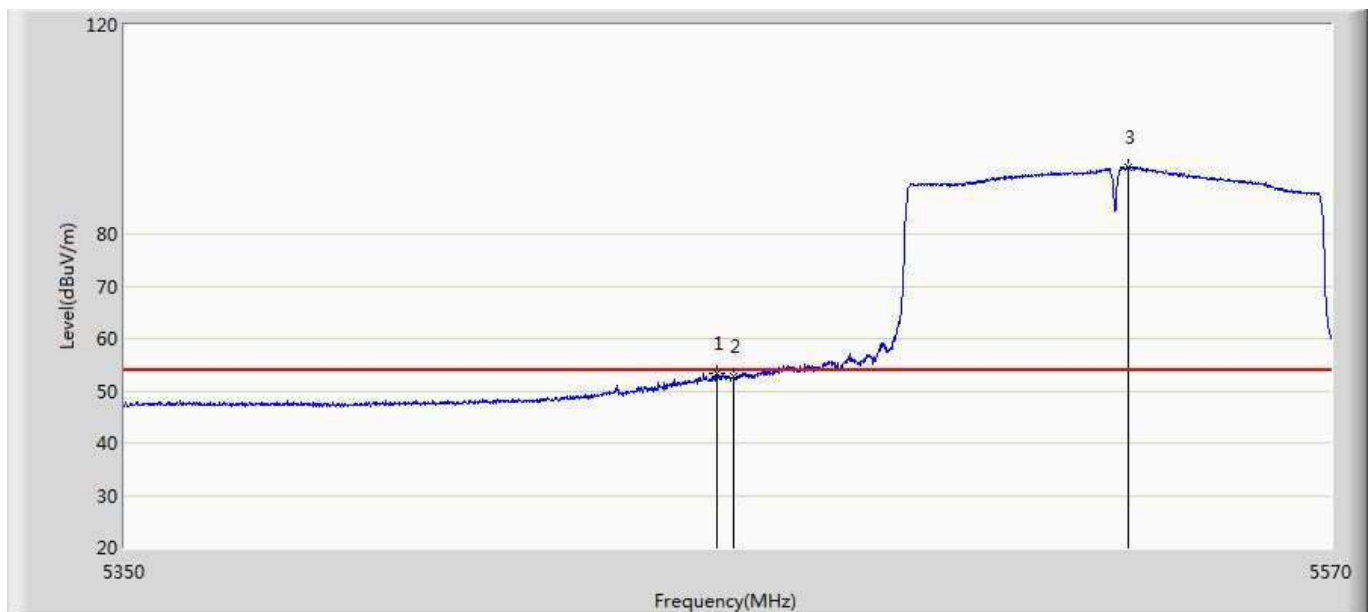
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5288.010	94.817	54.947	40.817	54.000	39.869	AV
2		5350.000	52.406	12.455	-1.594	54.000	39.951	AV

Profile: 2040625R	Page No.: 68
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



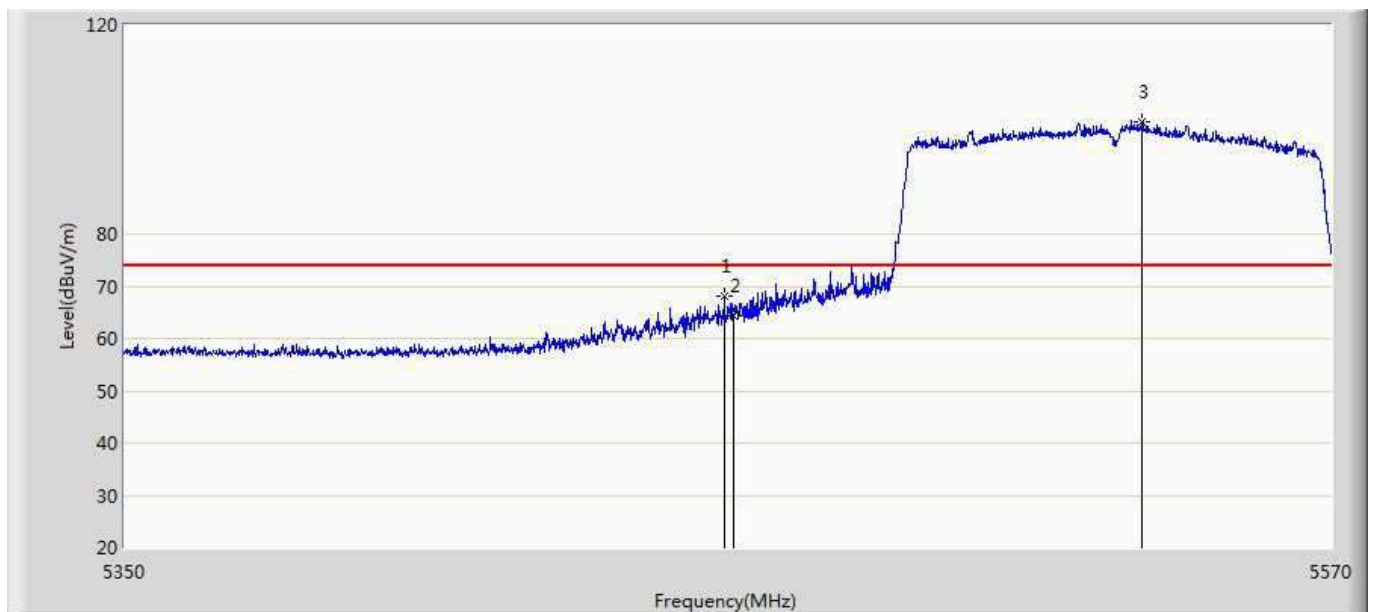
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5283.180	103.931	64.066	29.931	74.000	39.865	PK
2		5350.000	63.469	23.518	-10.531	74.000	39.951	PK
3		5354.790	65.819	25.859	-8.181	74.000	39.960	PK

Profile: 2040625R	Page No.: 69
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



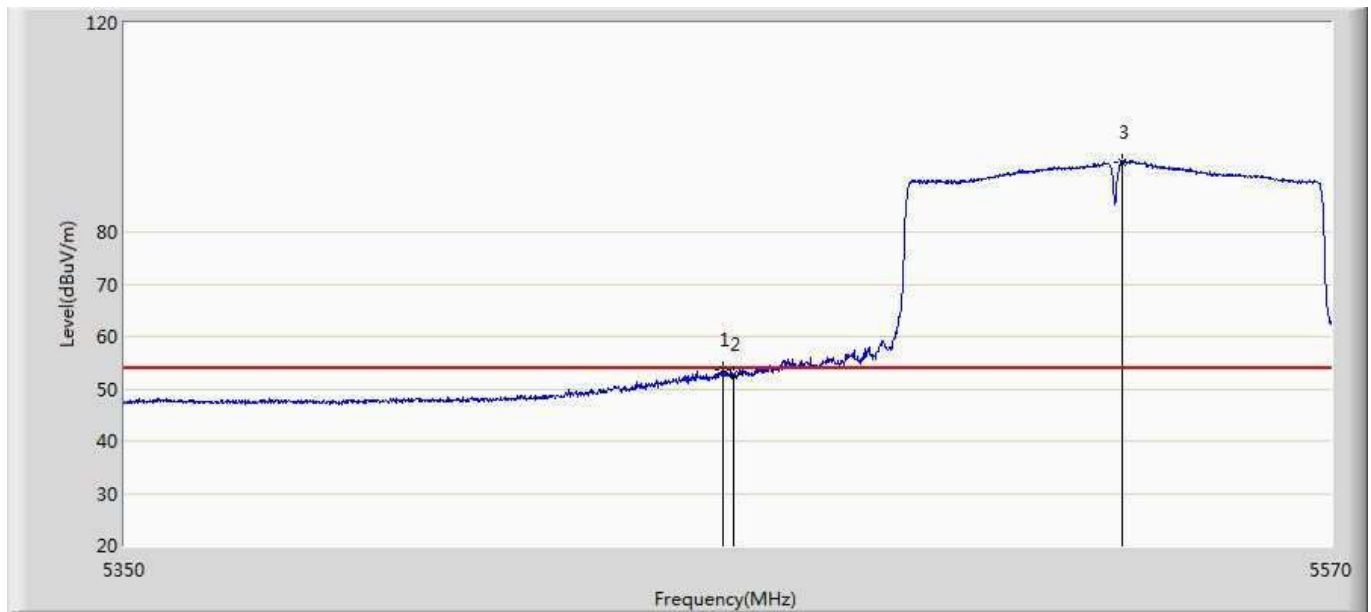
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5457.030	53.418	13.216	-0.582	54.000	40.203	AV
2		5460.000	52.859	12.657	-1.141	54.000	40.202	AV
3	*	5532.380	92.623	52.180	38.623	54.000	40.443	AV

Profile: 2040625R	Page No.: 70
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



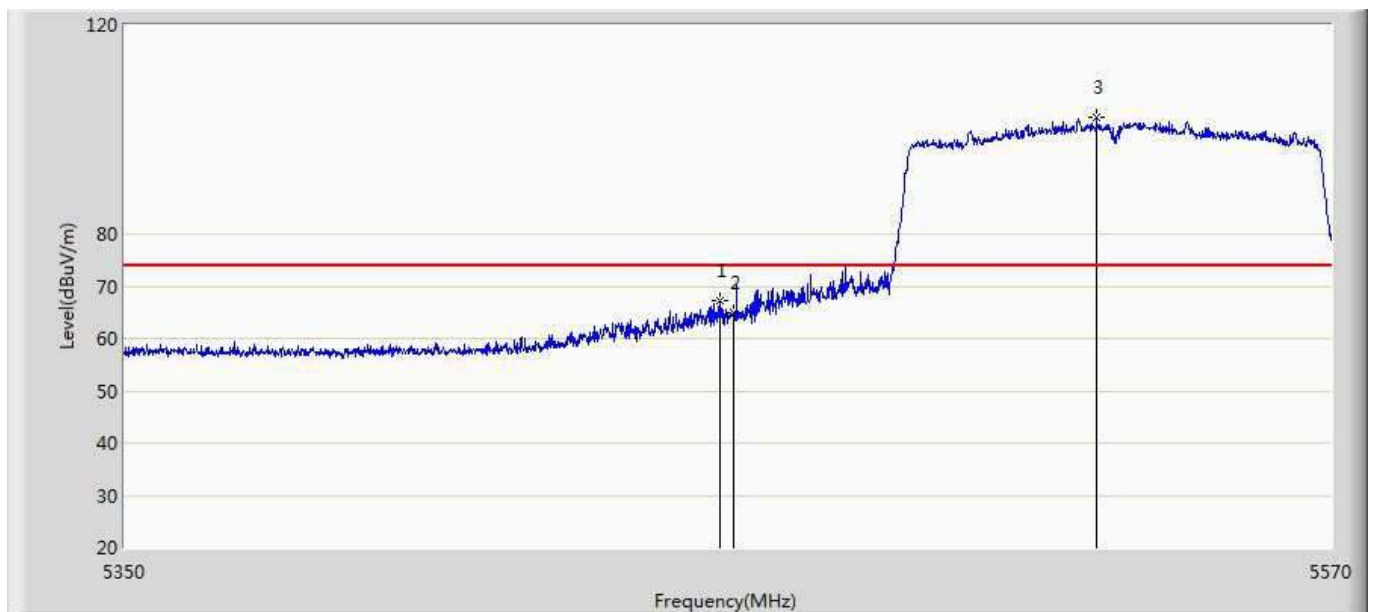
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5458.350	68.174	27.972	-5.826	74.000	40.202	PK
2		5460.000	64.358	24.156	-9.642	74.000	40.202	PK
3	*	5534.910	101.565	61.094	27.565	74.000	40.470	PK

Profile: 2040625R	Page No.: 71
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



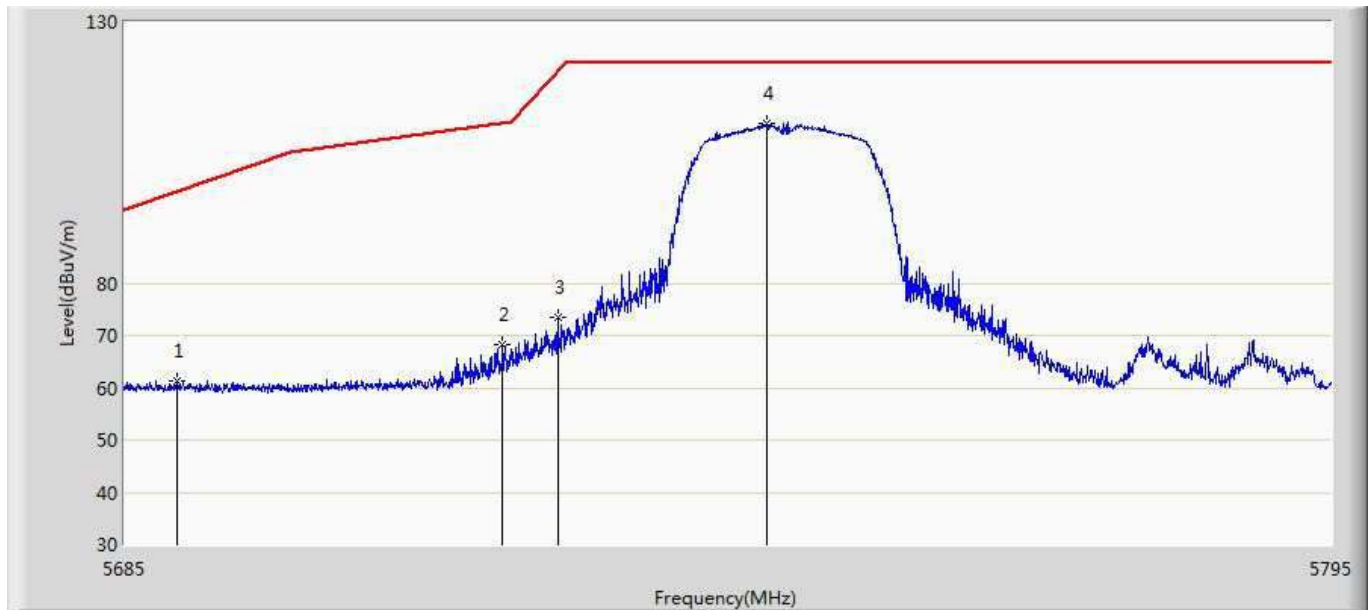
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5458.130	53.499	13.297	-0.501	54.000	40.203	AV
2		5460.000	52.721	12.519	-1.279	54.000	40.202	AV
3	*	5531.390	93.371	52.939	39.371	54.000	40.432	AV

Profile: 2040625R	Page No.: 72
Engineer: YULIU	
Site: AC5	Time: 2020/05/15 - 02:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



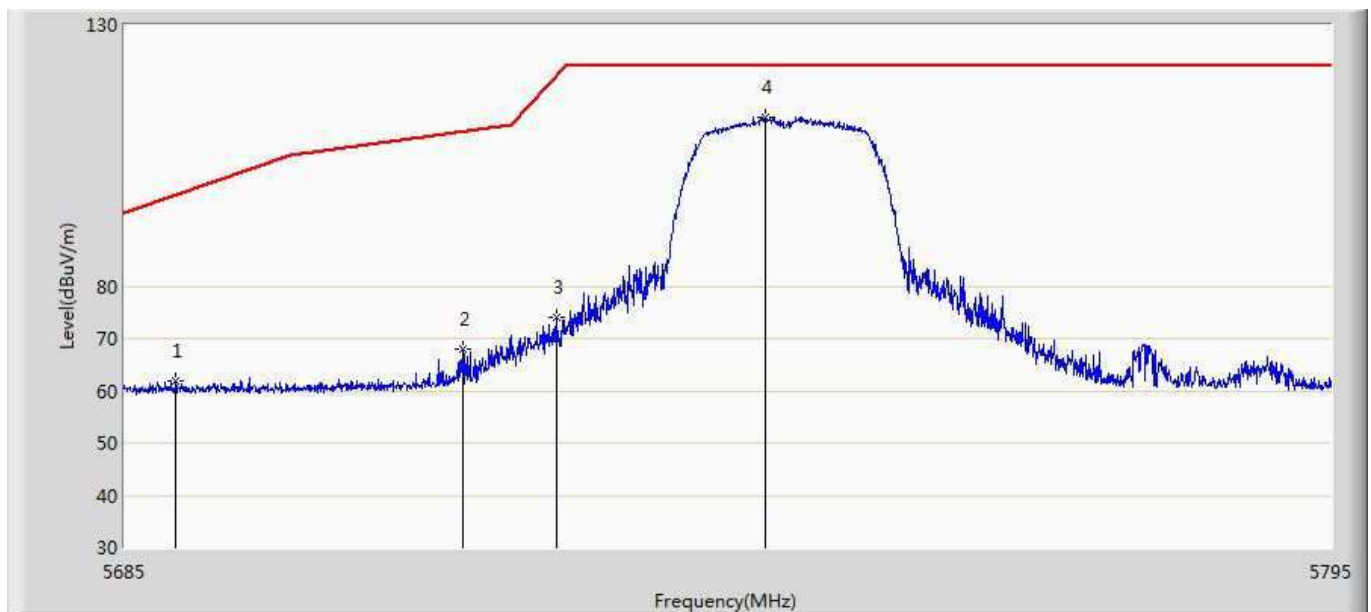
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5457.580	67.271	27.069	-6.729	74.000	40.203	PK
2		5460.000	64.888	24.686	-9.112	74.000	40.202	PK
3	*	5526.550	102.433	62.053	28.433	74.000	40.379	PK

Profile: 2040625R	Page No.: 1
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 10:55
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5745MHz by 802.11a	



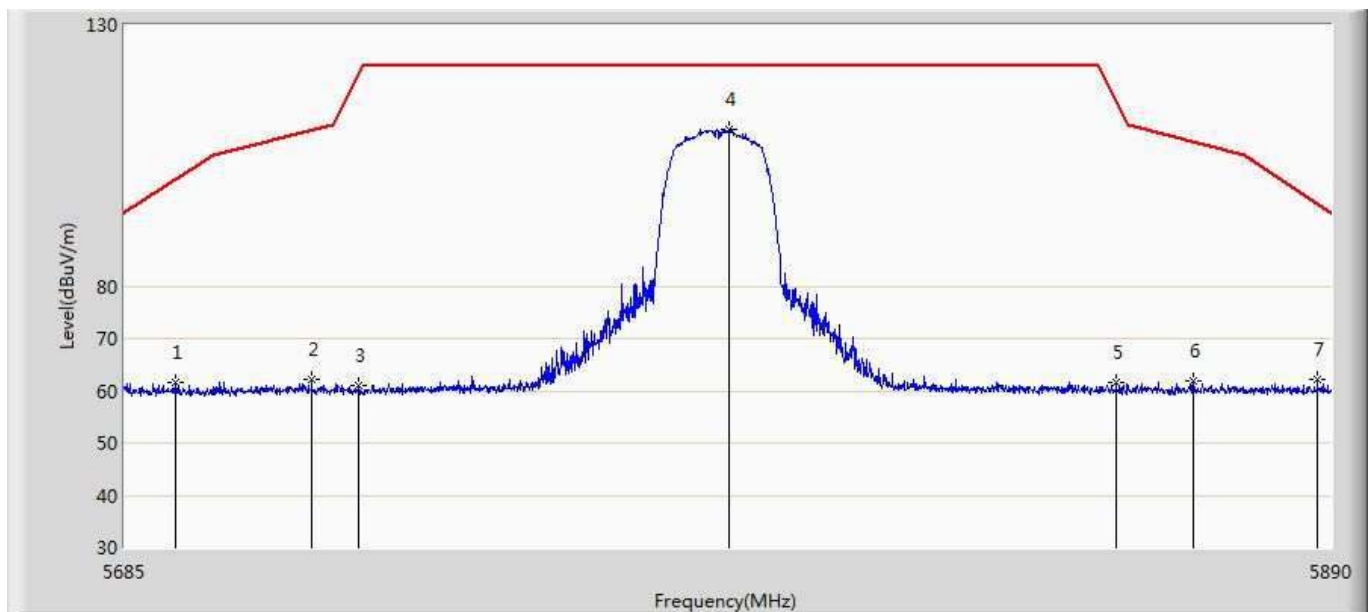
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5689.840	61.345	20.628	-36.363	97.708	40.717	PK
2		5719.265	68.201	27.458	-42.394	110.595	40.743	PK
3		5724.270	73.418	32.703	-47.118	120.536	40.716	PK
4	*	5743.300	110.564	69.781	-11.636	122.200	40.782	PK

Profile: 2040625R	Page No.: 2
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 10:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5745MHz by 802.11a	



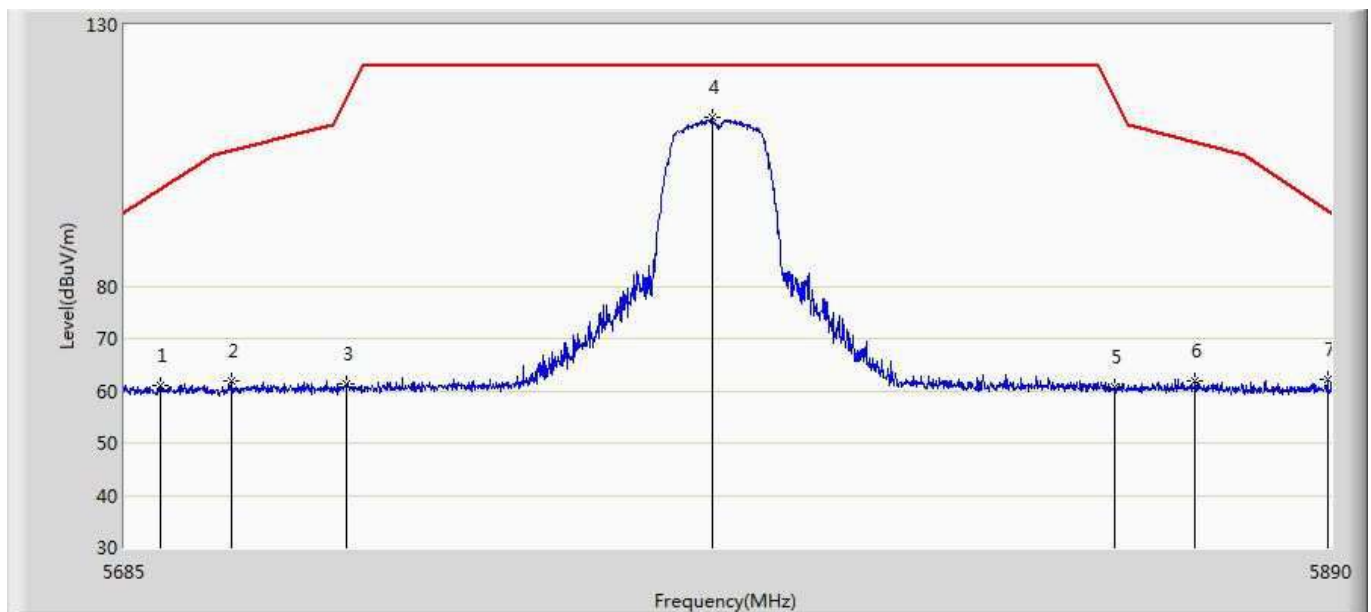
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5689.675	61.819	21.102	-35.767	97.586	40.717	PK
2		5715.690	68.012	27.250	-41.582	109.595	40.762	PK
3		5724.215	74.172	33.456	-46.239	120.411	40.716	PK
4	*	5743.190	112.215	71.433	-9.985	122.200	40.782	PK

Profile: 2040625R	Page No.: 3
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:02
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5785MHz by 802.11a	



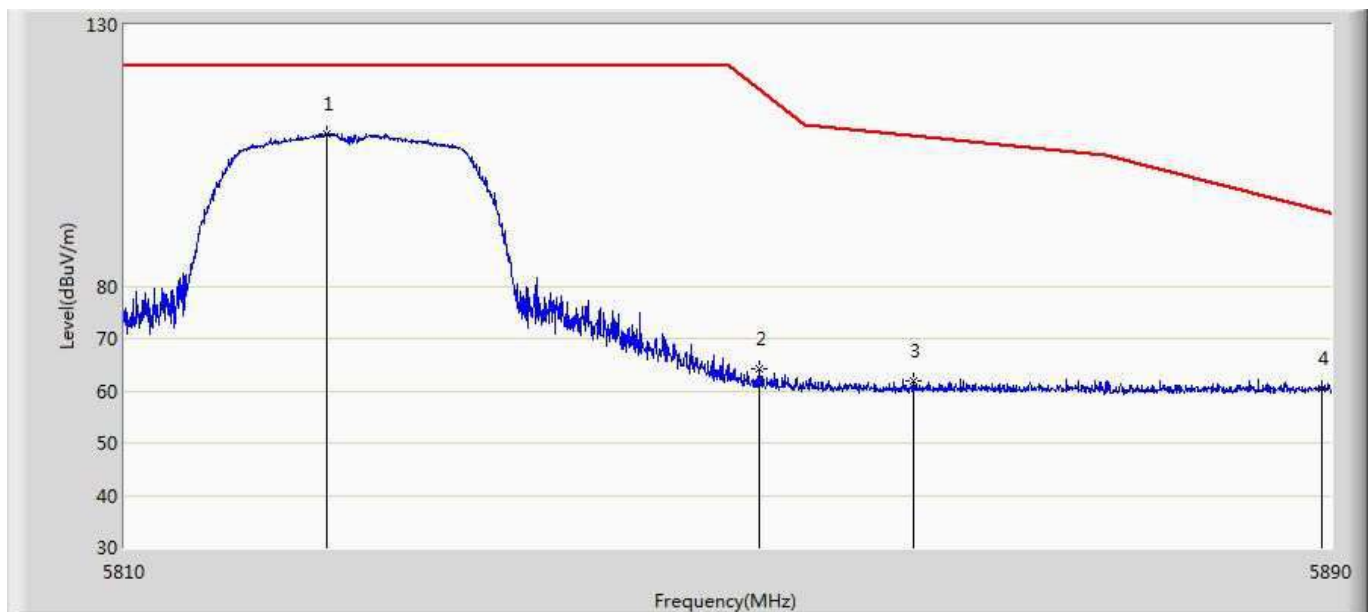
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.712	61.543	20.814	-39.022	100.565	40.728	PK
2		5716.365	62.155	21.396	-47.629	109.784	40.759	PK
3		5724.360	61.011	20.296	-59.731	120.741	40.715	PK
4	*	5786.783	110.015	69.097	-12.185	122.200	40.918	PK
5		5852.998	61.679	20.626	-53.684	115.363	41.053	PK
6		5866.322	61.876	20.820	-45.751	107.627	41.056	PK
7		5887.643	62.092	21.062	-33.722	95.815	41.031	PK

Profile: 2040625R	Page No.: 4
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:04
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5785MHz by 802.11a	



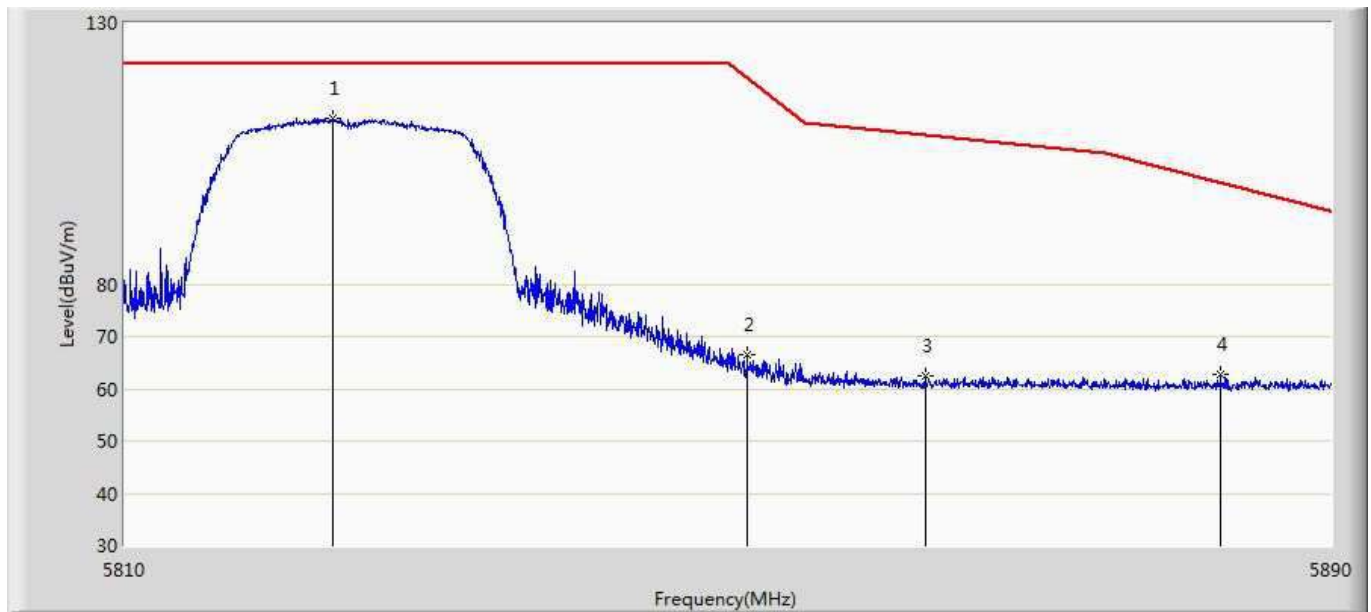
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5691.150	61.085	20.366	-37.589	98.675	40.720	PK
2		5702.937	61.937	21.166	-44.086	106.024	40.771	PK
3		5722.105	61.400	20.673	-54.200	115.601	40.727	PK
4	*	5784.015	112.443	71.544	-9.757	122.200	40.900	PK
5		5852.690	60.802	19.749	-55.264	116.066	41.053	PK
6		5866.630	61.811	20.756	-45.730	107.541	41.056	PK
7		5889.385	62.273	21.242	-32.250	94.523	41.031	PK

Profile: 2040625R	Page No.: 5
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5825MHz by 802.11a	



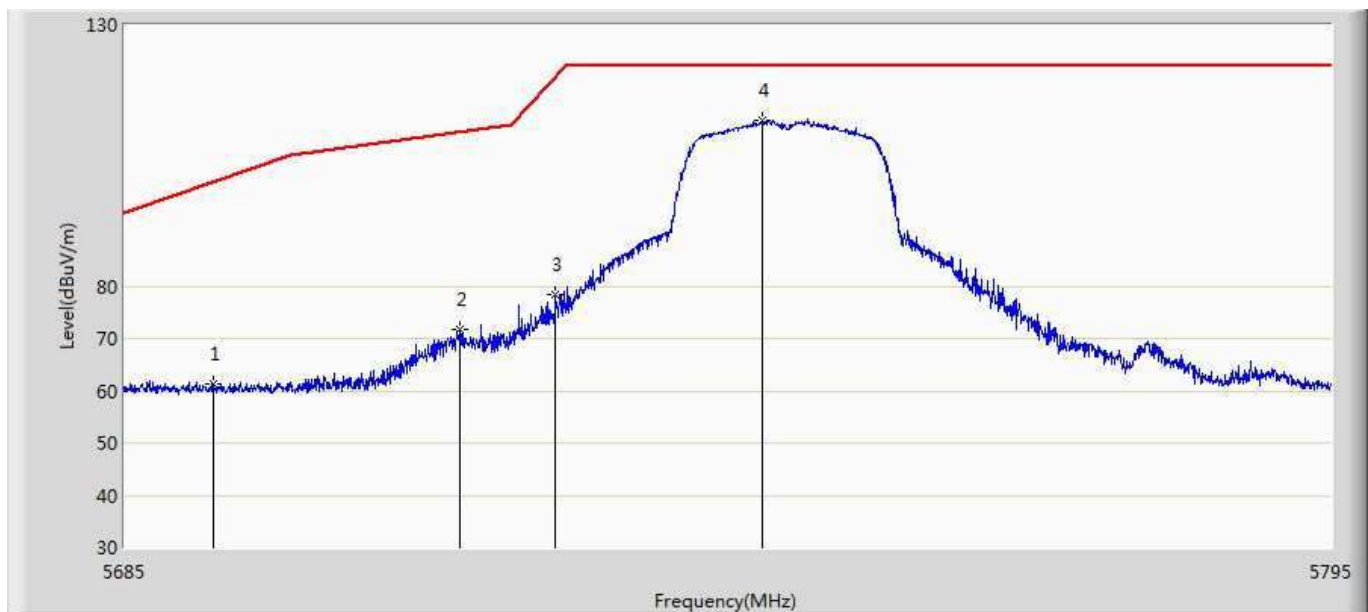
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.400	109.049	68.119	-13.151	122.200	40.930	PK
2		5851.920	64.120	23.068	-53.702	117.821	41.052	PK
3		5862.160	61.914	20.847	-46.879	108.793	41.066	PK
4		5889.360	60.555	19.524	-33.986	94.541	41.031	PK

Profile: 2040625R	Page No.: 6
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:10
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 1:Transmit at 5825MHz by 802.11a	



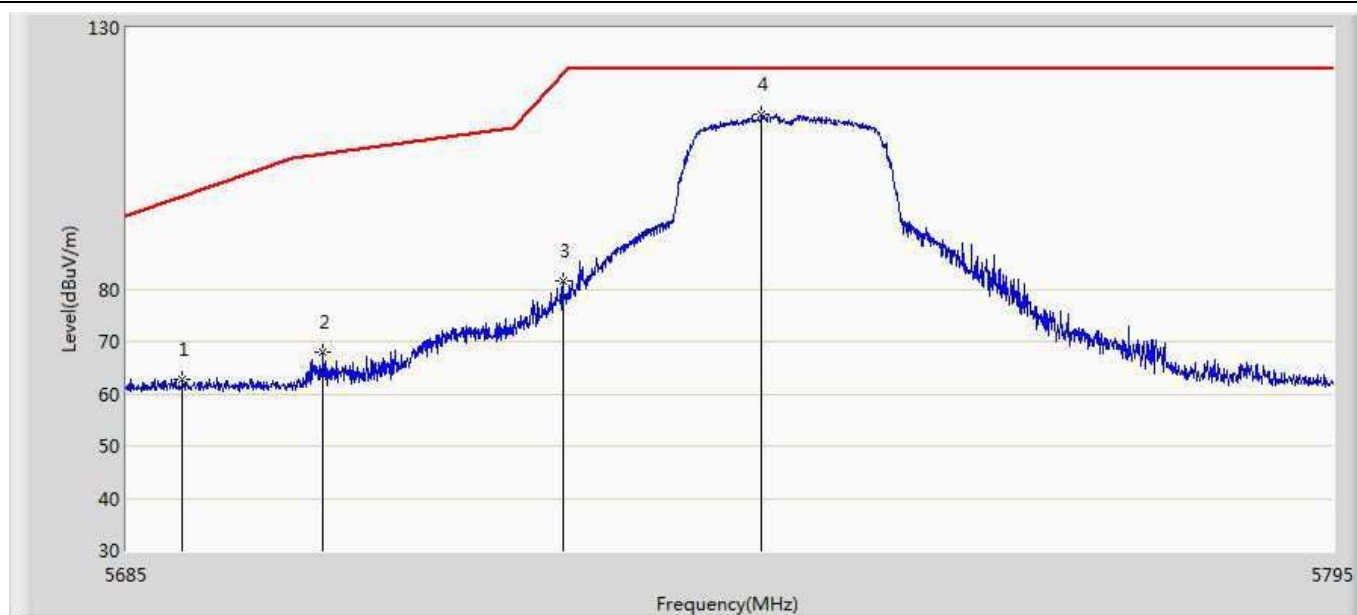
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.800	111.709	70.781	-10.491	122.200	40.928	PK
2		5851.160	66.566	25.516	-52.988	119.554	41.051	PK
3		5863.000	62.573	21.509	-45.984	108.558	41.064	PK
4		5882.640	62.826	21.799	-36.700	99.526	41.027	PK

Profile: 2040625R	Page No.: 7
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:12
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



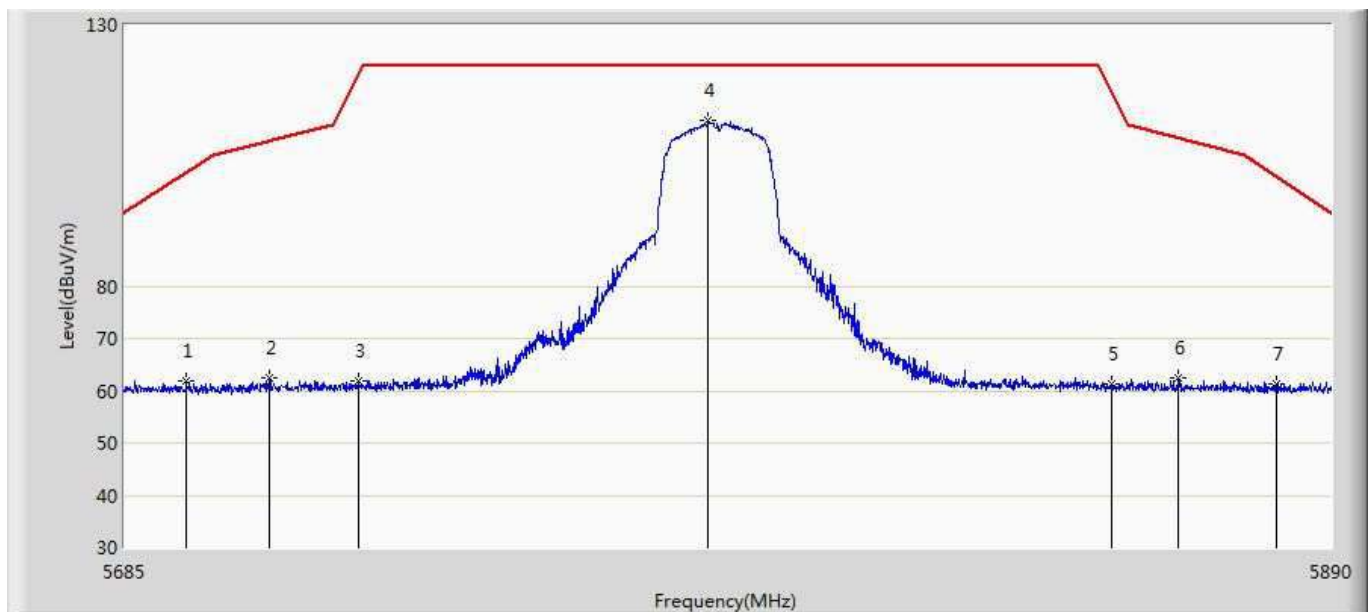
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.085	61.357	20.631	-38.746	100.102	40.726	PK
2		5715.415	71.648	30.884	-37.870	109.518	40.764	PK
3		5724.105	78.277	37.561	-41.883	120.160	40.716	PK
4	*	5742.860	111.675	70.894	-10.525	122.200	40.782	PK

Profile: 2040625R	Page No.: 8
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



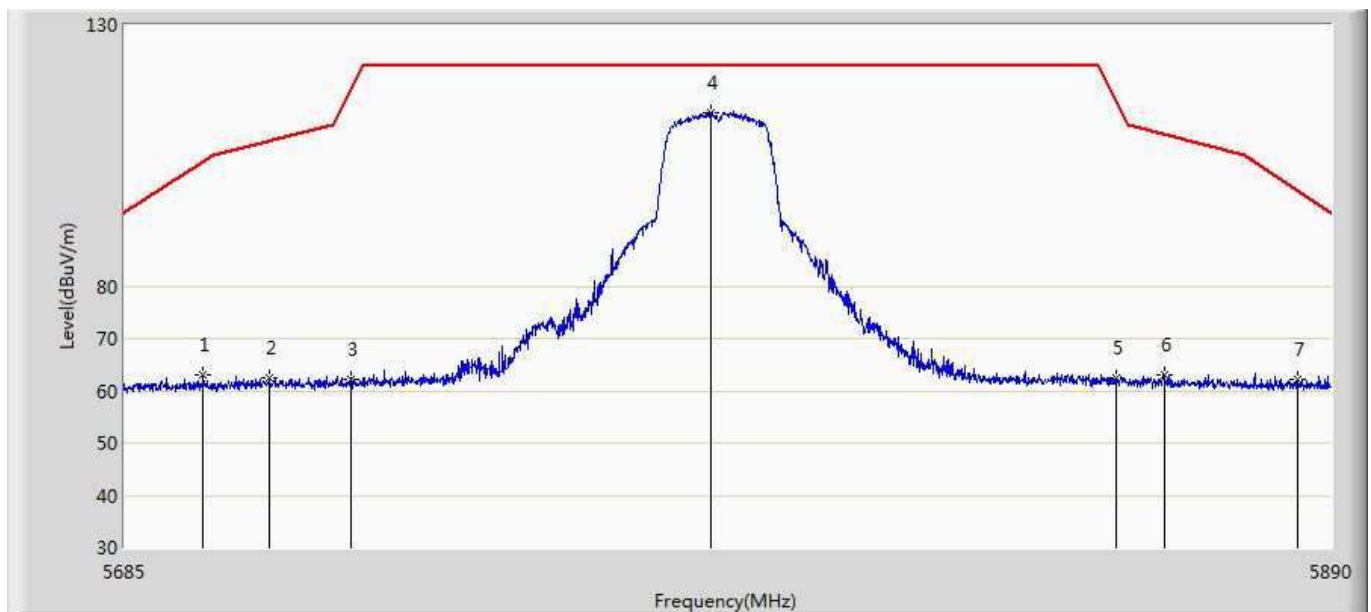
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5690.115	62.858	22.140	-35.053	97.911	40.717	PK
2		5702.820	67.989	27.218	-38.002	105.991	40.770	PK
3		5724.600	81.667	40.954	-39.621	121.288	40.713	PK
4	*	5742.695	113.470	72.689	-8.730	122.200	40.781	PK

Profile: 2040625R	Page No.: 9
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:17
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



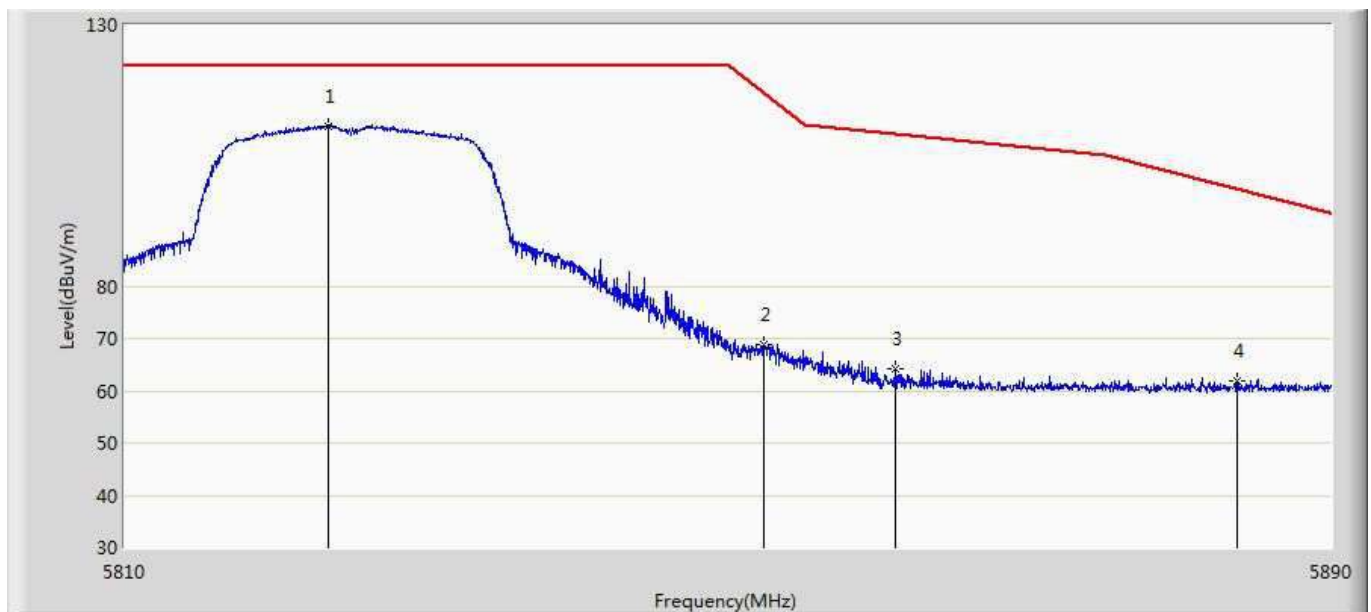
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.353	61.826	21.090	-39.949	101.775	40.736	PK
2		5709.190	62.414	21.616	-45.361	107.776	40.798	PK
3		5724.257	61.985	21.270	-58.521	120.507	40.716	PK
4	*	5783.297	111.625	70.730	-10.575	122.200	40.895	PK
5		5852.280	61.313	20.261	-55.687	117.000	41.052	PK
6		5863.760	62.495	21.432	-45.850	108.345	41.062	PK
7		5880.672	61.257	20.232	-39.730	100.987	41.025	PK

Profile: 2040625R	Page No.: 10
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



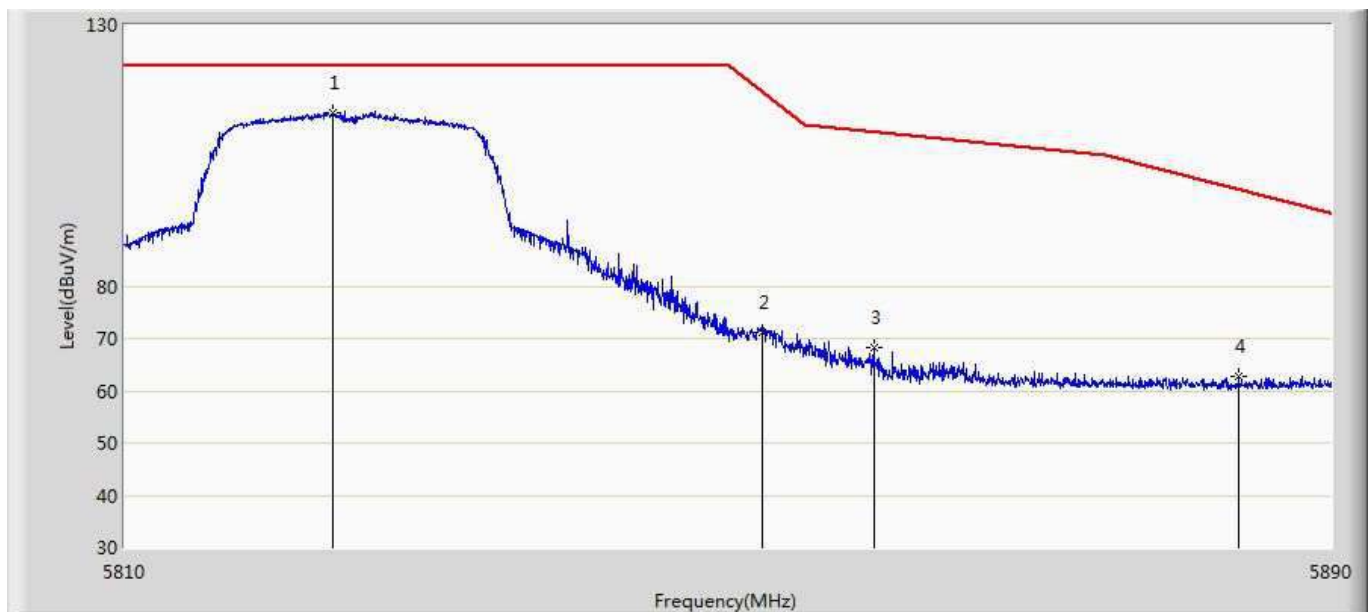
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5698.223	63.048	22.299	-40.842	103.891	40.750	PK
2		5709.395	62.494	21.697	-45.339	107.833	40.798	PK
3		5722.925	62.299	21.576	-55.172	117.470	40.723	PK
4	*	5783.708	113.161	72.264	-9.039	122.200	40.897	PK
5		5852.895	62.529	21.476	-53.069	115.598	41.053	PK
6		5861.197	63.140	22.074	-45.923	109.063	41.066	PK
7		5884.362	62.060	21.032	-36.188	98.248	41.028	PK

Profile: 2040625R	Page No.: 11
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



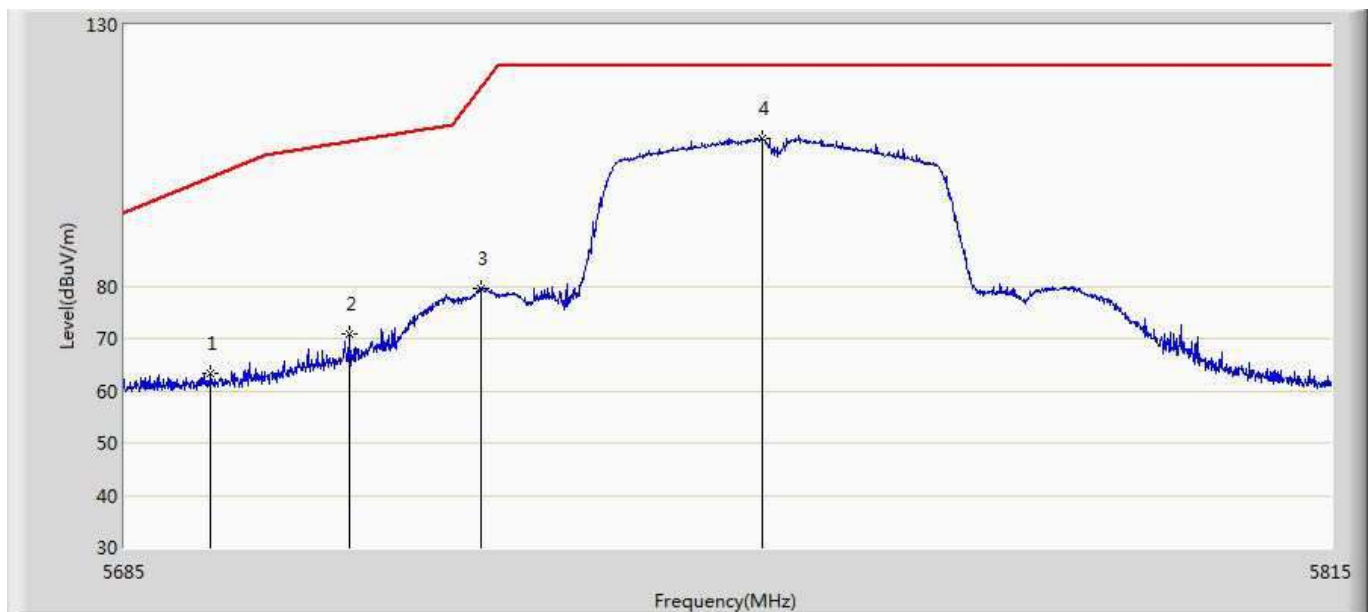
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.440	110.709	69.779	-11.491	122.200	40.930	PK
2		5852.240	68.842	27.790	-48.249	117.092	41.052	PK
3		5860.960	64.337	23.272	-44.792	109.129	41.066	PK
4		5883.760	61.876	20.848	-36.819	98.695	41.027	PK

Profile: 2040625R	Page No.: 12
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



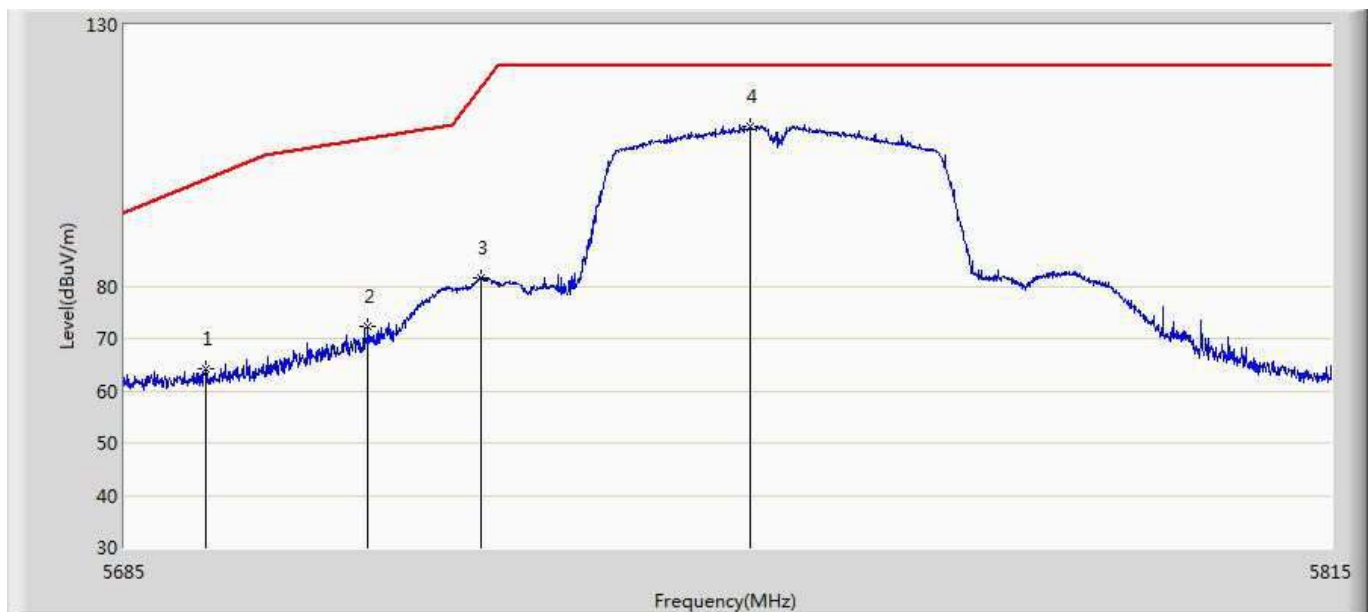
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.760	113.087	72.158	-9.113	122.200	40.929	PK
2		5852.120	71.285	30.233	-46.080	117.365	41.052	PK
3		5859.600	68.372	27.309	-41.138	109.510	41.064	PK
4		5883.840	62.807	21.779	-35.829	98.636	41.028	PK

Profile: 2040625R	Page No.: 13
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:28
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



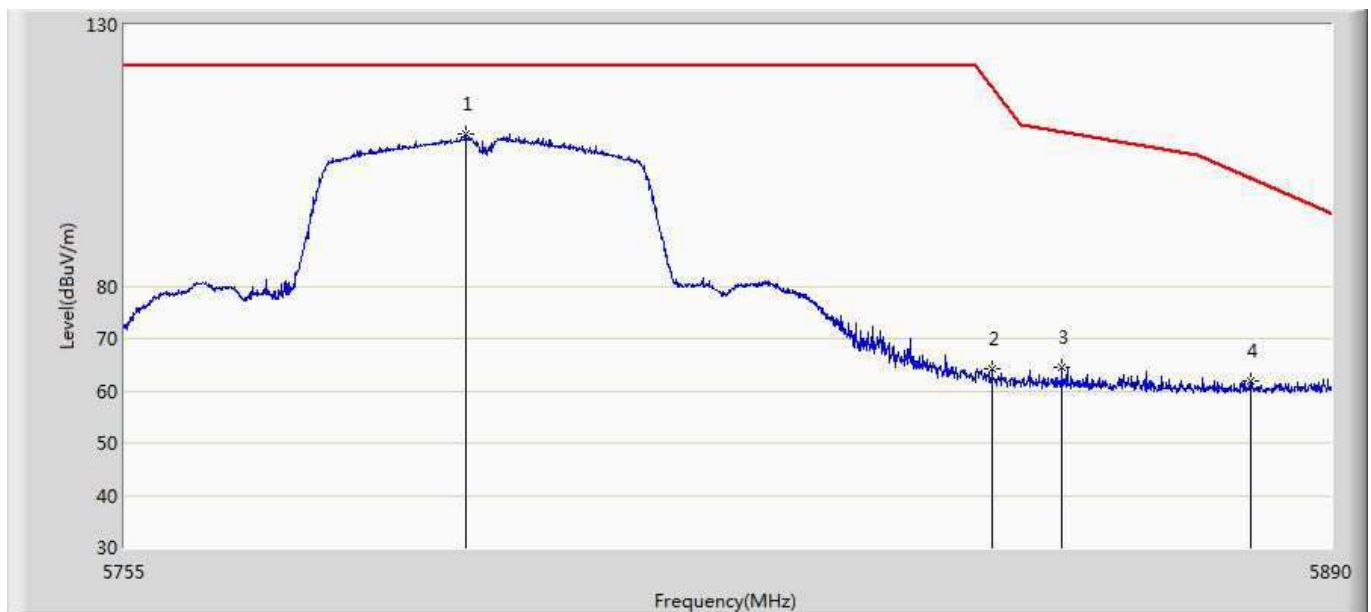
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.230	63.478	22.747	-37.469	100.947	40.731	PK
2		5708.985	70.922	30.123	-36.796	107.718	40.799	PK
3		5723.155	79.562	38.841	-38.432	117.995	40.721	PK
4	*	5753.380	108.127	67.322	-14.073	122.200	40.806	PK

Profile: 2040625R	Page No.: 14
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:30
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



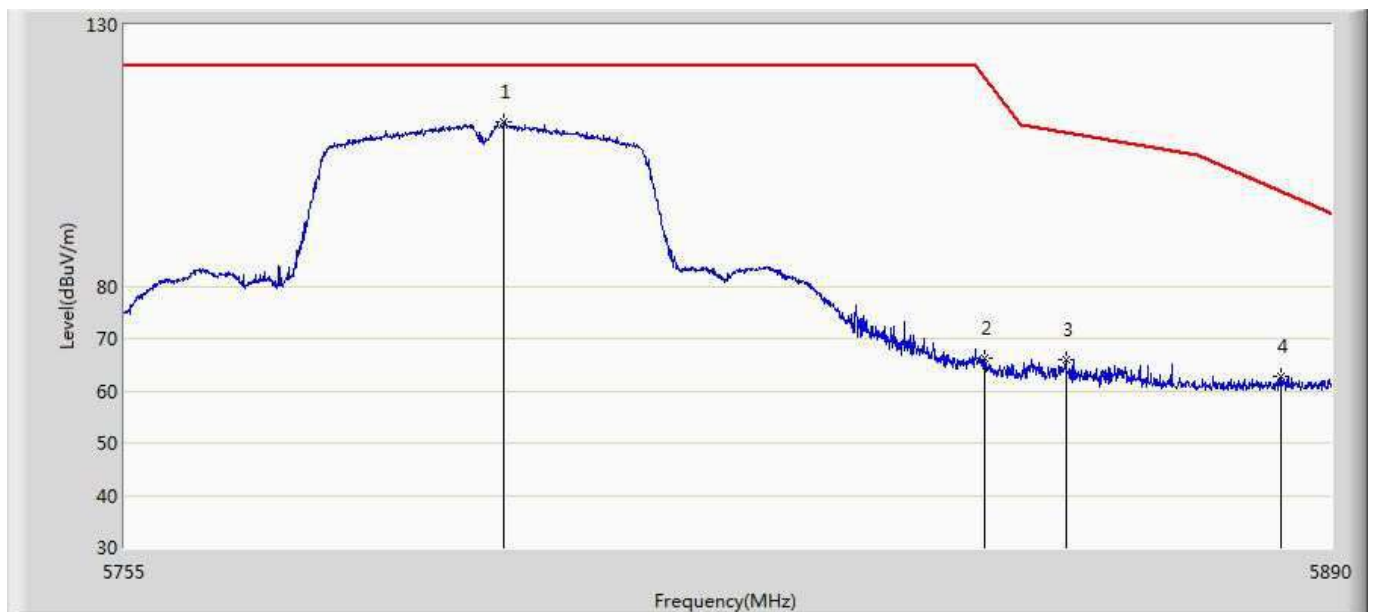
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.775	64.155	23.426	-36.456	100.611	40.729	PK
2		5711.065	72.453	31.665	-35.848	108.301	40.788	PK
3		5723.155	81.733	41.012	-36.261	117.995	40.721	PK
4	*	5752.080	110.716	69.913	-11.484	122.200	40.803	PK

Profile: 2040625R	Page No.: 15
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:34
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



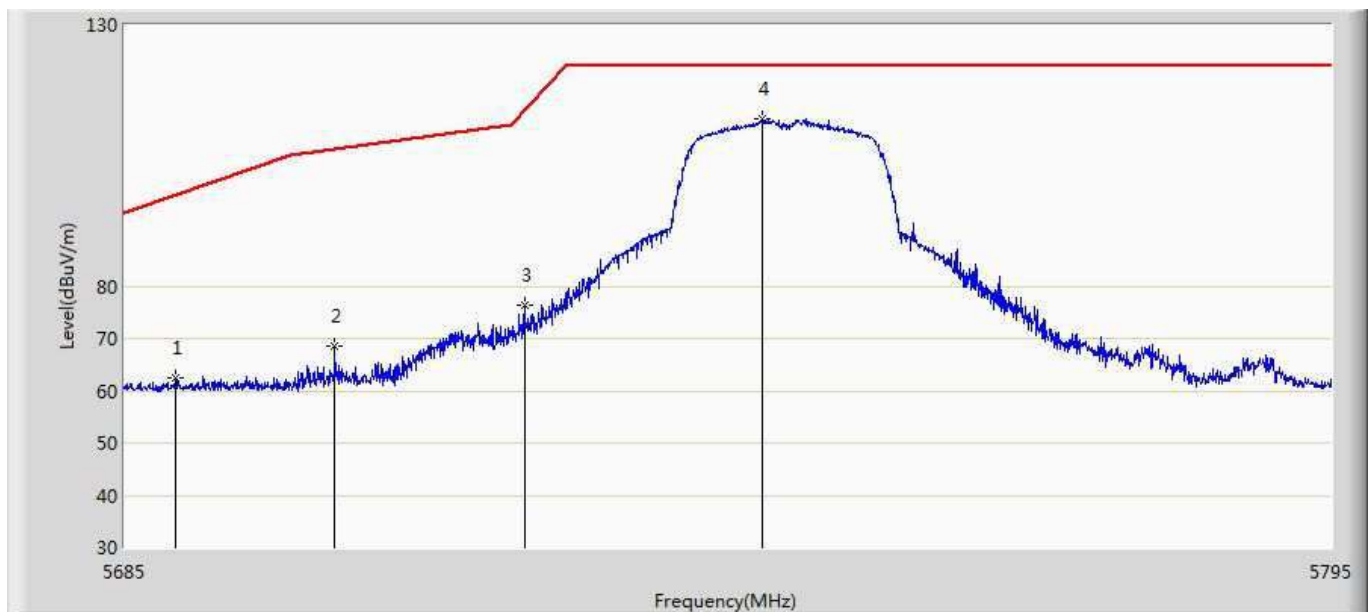
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5792.868	109.158	68.199	-13.042	122.200	40.958	PK
2		5851.795	64.188	23.137	-53.918	118.106	41.052	PK
3		5859.625	64.381	23.318	-45.122	109.503	41.064	PK
4		5880.888	61.878	20.852	-38.949	100.827	41.026	PK

Profile: 2040625R	Page No.: 16
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:36
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



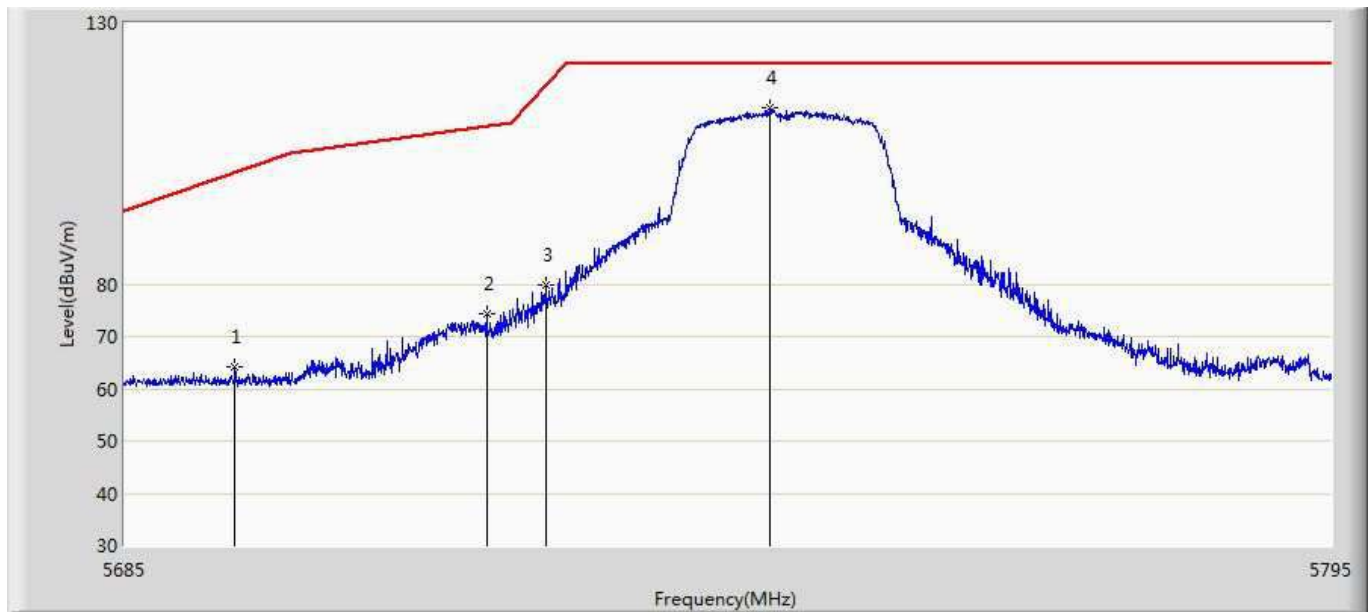
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5797.187	111.532	70.564	-10.668	122.200	40.967	PK
2		5850.985	66.367	25.317	-53.586	119.953	41.050	PK
3		5860.098	65.894	24.830	-43.477	109.371	41.064	PK
4		5884.397	62.769	21.741	-35.453	98.222	41.028	PK

Profile: 2040625R	Page No.: 17
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:38
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



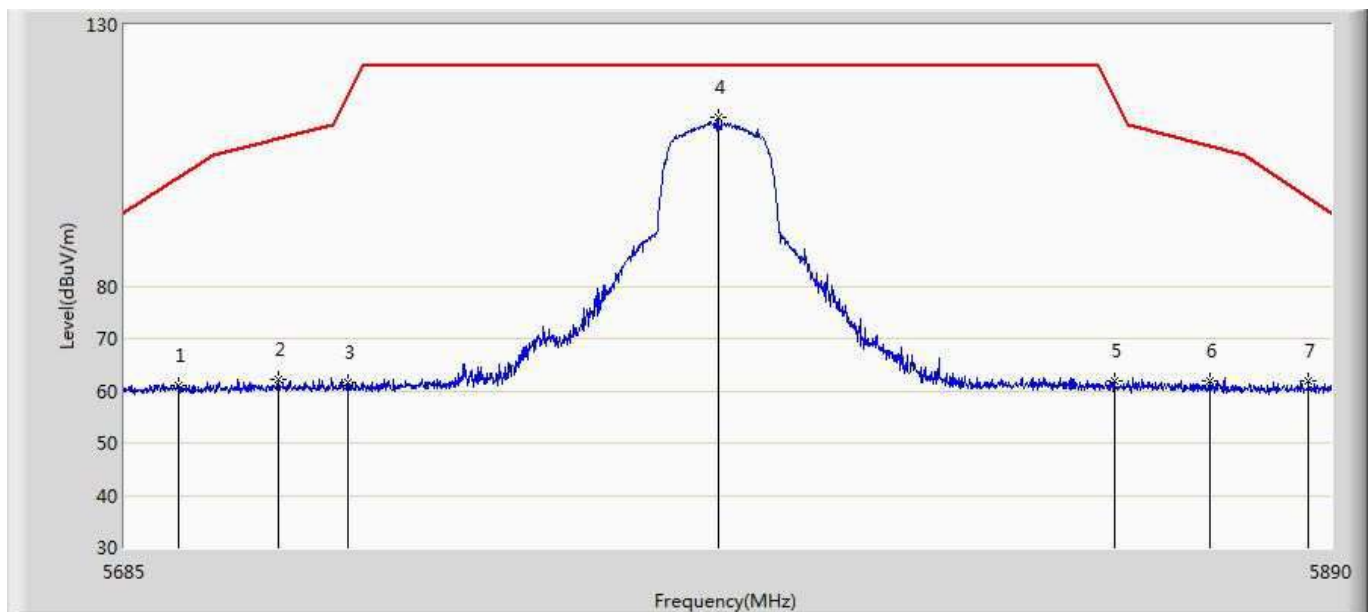
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5689.675	62.420	21.703	-35.166	97.586	40.717	PK
2		5704.030	68.442	27.666	-37.888	106.330	40.776	PK
3		5721.245	76.288	35.556	-37.352	113.640	40.732	PK
4	*	5742.860	112.084	71.303	-10.116	122.200	40.782	PK

Profile: 2040625R	Page No.: 18
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:41
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



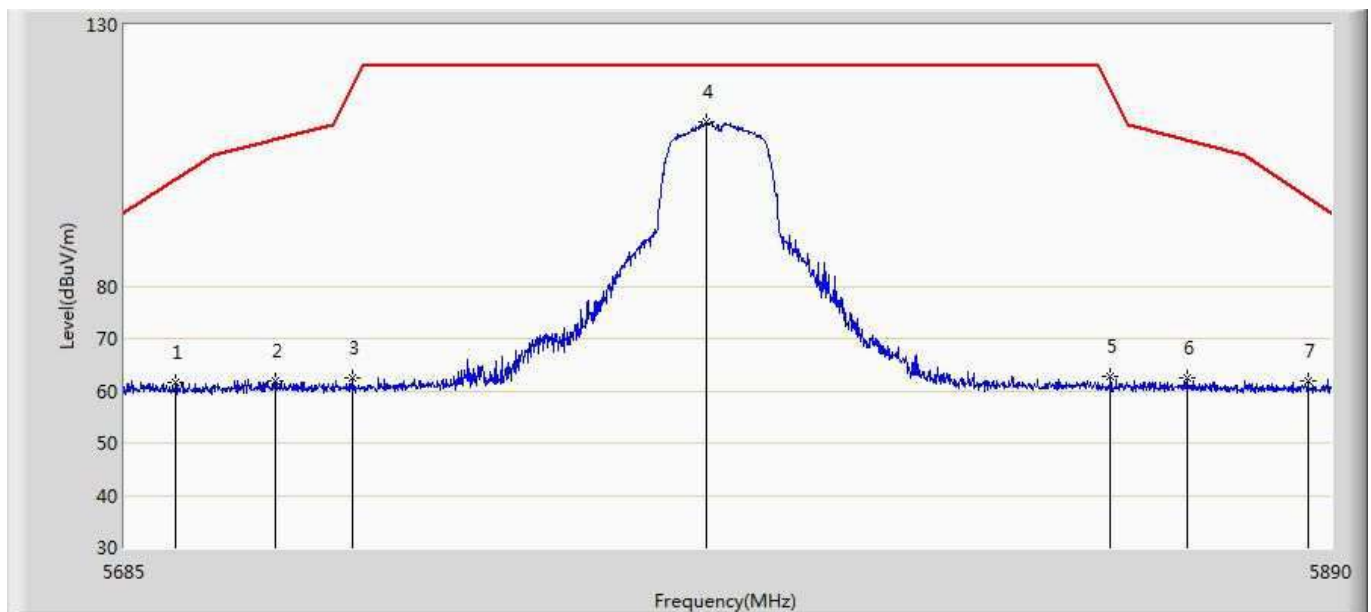
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.010	64.233	23.498	-37.289	101.522	40.734	PK
2		5717.835	74.284	33.533	-35.911	110.195	40.751	PK
3		5723.225	79.732	39.011	-38.422	118.154	40.721	PK
4	*	5743.630	113.643	72.860	-8.557	122.200	40.784	PK

Profile: 2040625R	Page No.: 19
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:43
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



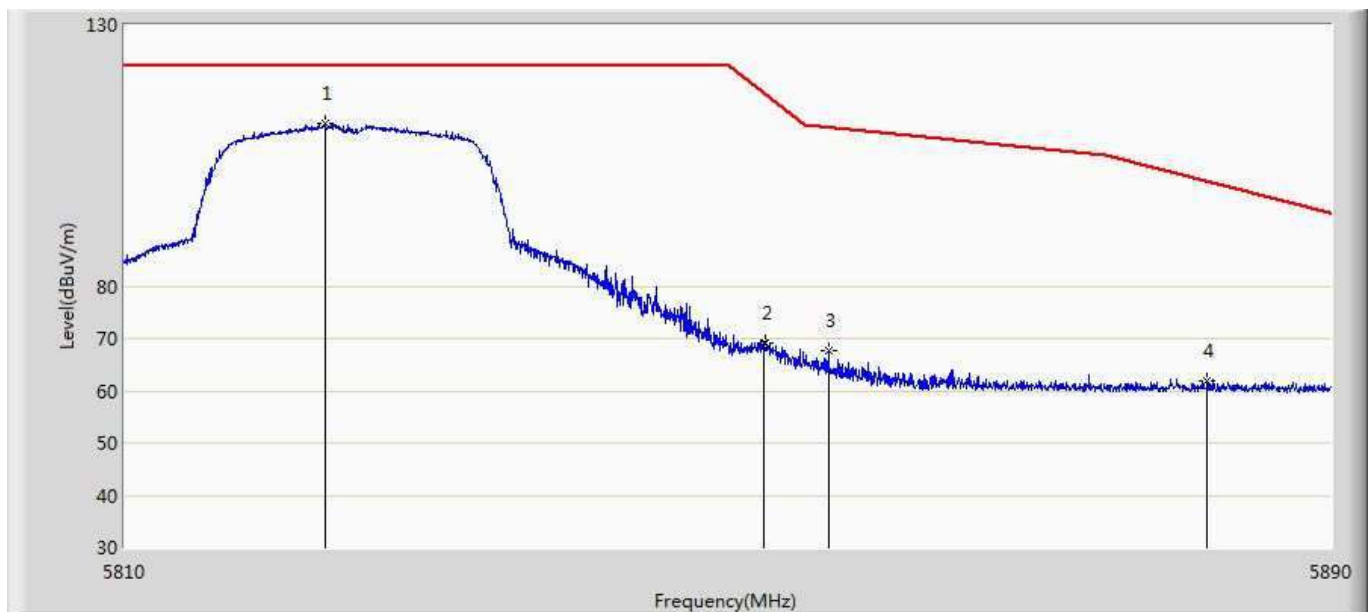
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.020	60.905	20.175	-39.887	100.792	40.730	PK
2		5710.728	62.116	21.326	-46.091	108.206	40.789	PK
3		5722.413	61.712	20.987	-54.590	116.303	40.725	PK
4	*	5784.937	112.331	71.425	-9.869	122.200	40.905	PK
5		5852.690	61.867	20.814	-54.199	116.066	41.053	PK
6		5869.192	61.845	20.796	-44.979	106.824	41.049	PK
7		5886.208	61.986	20.957	-34.893	96.879	41.029	PK

Profile: 2040625R	Page No.: 20
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:46
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



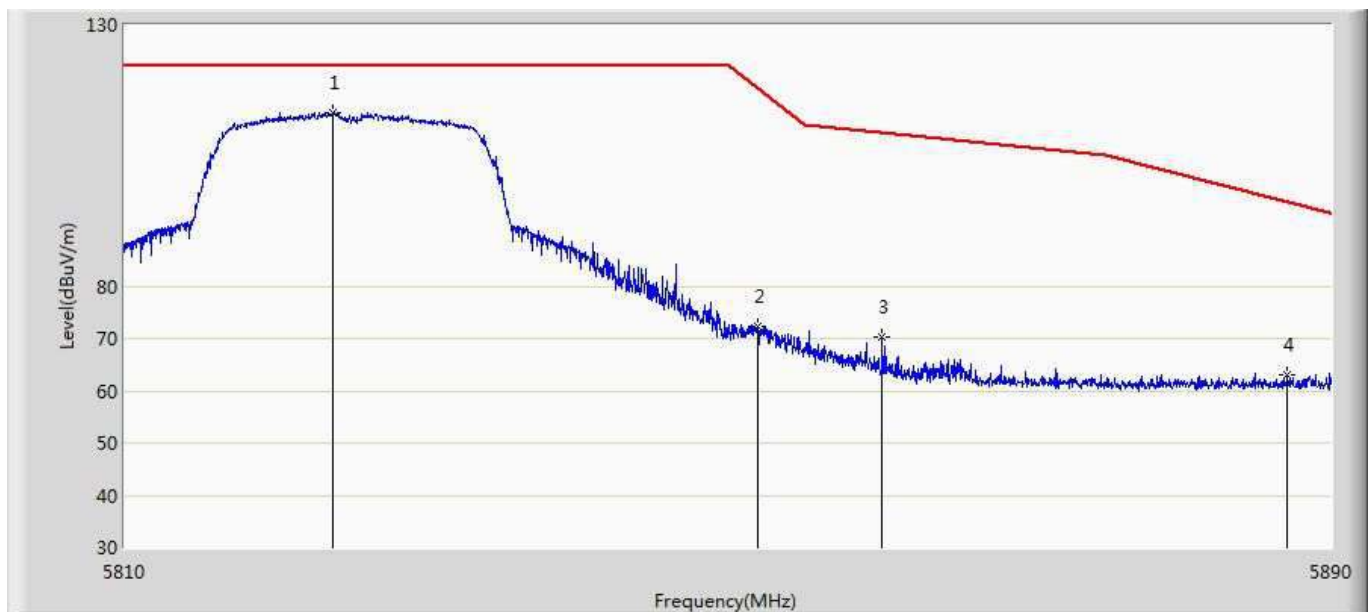
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.712	61.472	20.743	-39.093	100.565	40.728	PK
2		5710.215	61.972	21.179	-46.091	108.063	40.793	PK
3		5723.130	62.536	21.814	-55.402	117.938	40.721	PK
4	*	5782.990	111.550	70.657	-10.650	122.200	40.892	PK
5		5852.075	62.637	21.585	-54.831	117.468	41.052	PK
6		5865.092	62.490	21.431	-45.482	107.972	41.059	PK
7		5886.105	61.969	20.940	-34.986	96.955	41.030	PK

Profile: 2040625R	Page No.: 21
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:47
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



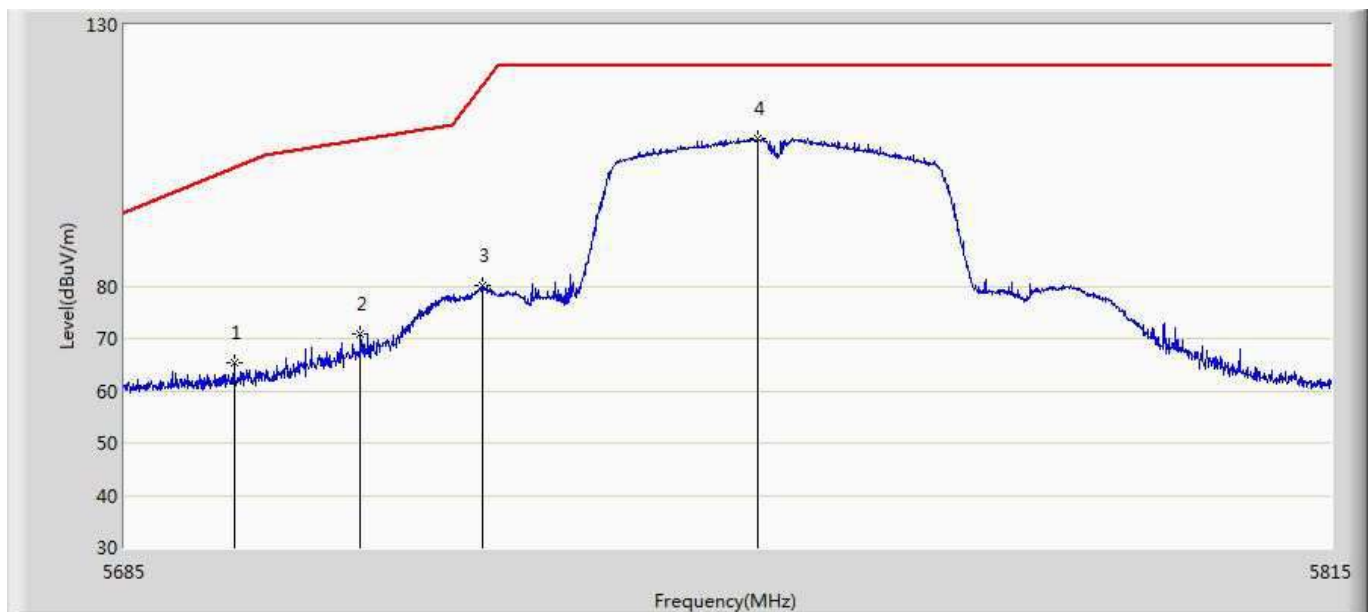
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.240	111.286	70.356	-10.914	122.200	40.930	PK
2		5852.320	69.158	28.106	-47.751	116.909	41.052	PK
3		5856.560	67.592	26.533	-42.771	110.363	41.058	PK
4		5881.760	61.921	20.895	-38.258	100.179	41.026	PK

Profile: 2040625R	Page No.: 22
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:51
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



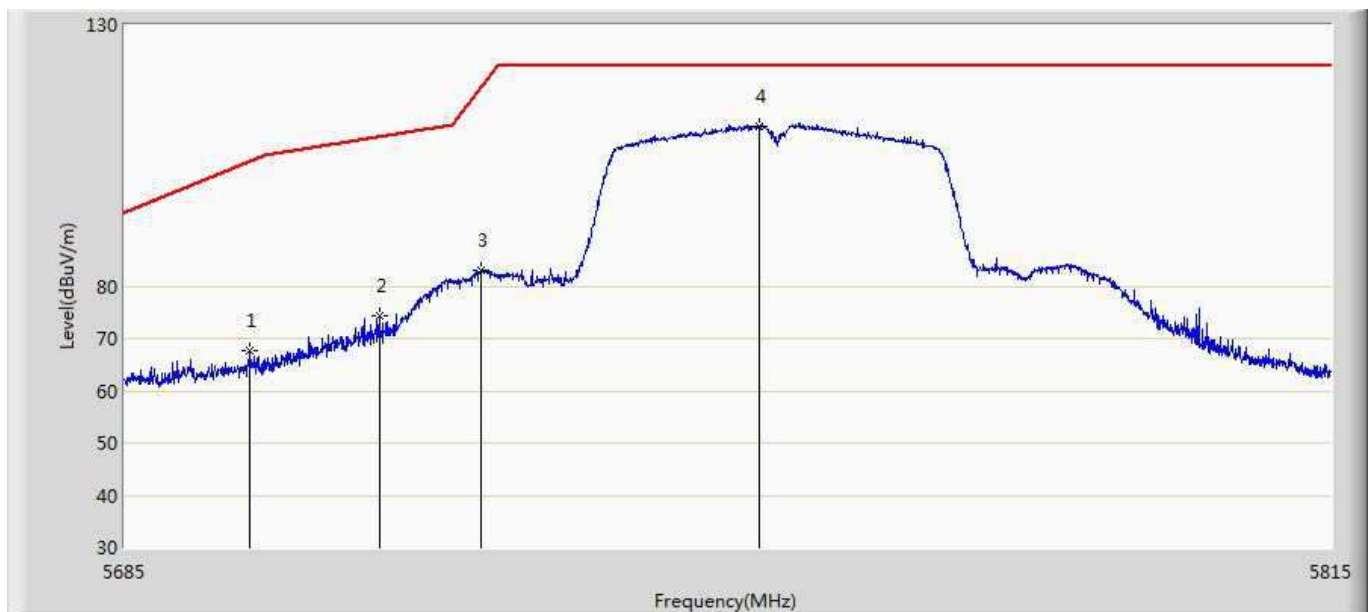
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.760	113.150	72.221	-9.050	122.200	40.929	PK
2		5851.880	72.456	31.404	-45.457	117.912	41.052	PK
3		5860.120	70.281	29.217	-39.083	109.365	41.064	PK
4		5887.120	62.916	21.886	-33.287	96.202	41.030	PK

Profile: 2040625R	Page No.: 23
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:53
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



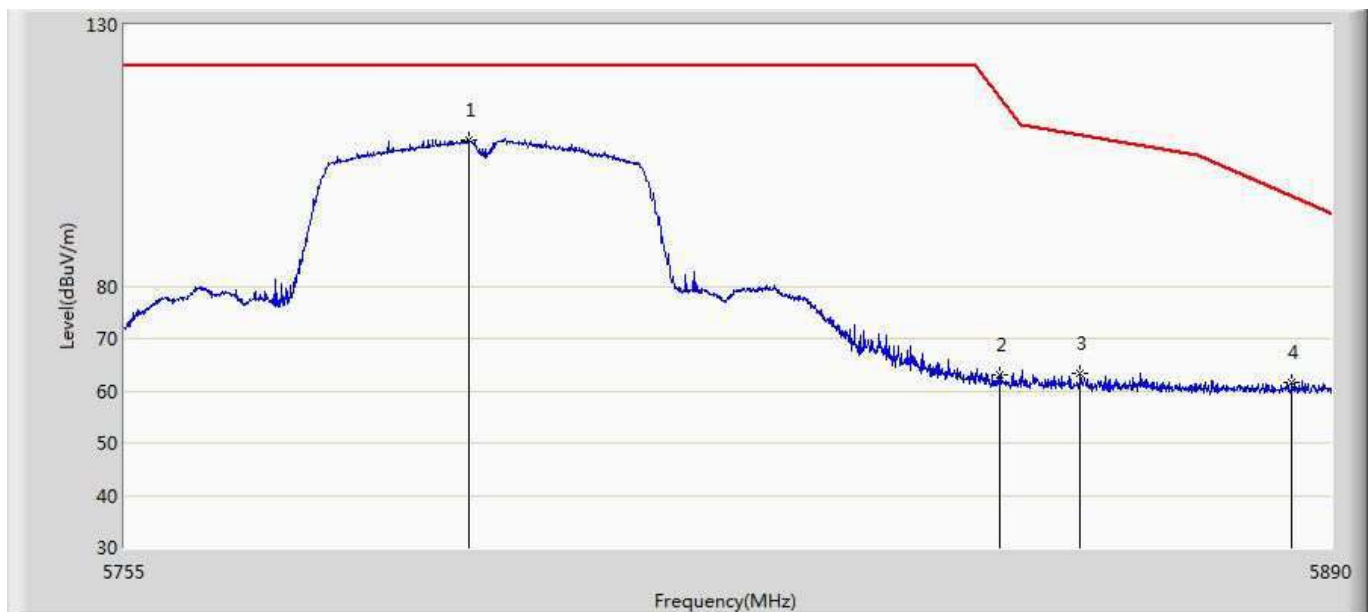
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.700	65.433	24.691	-37.335	102.768	40.743	PK
2		5710.220	70.984	30.191	-37.081	108.064	40.793	PK
3		5723.350	80.162	39.442	-38.277	118.439	40.720	PK
4	*	5752.925	108.398	67.594	-13.802	122.200	40.804	PK

Profile: 2040625R	Page No.: 24
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



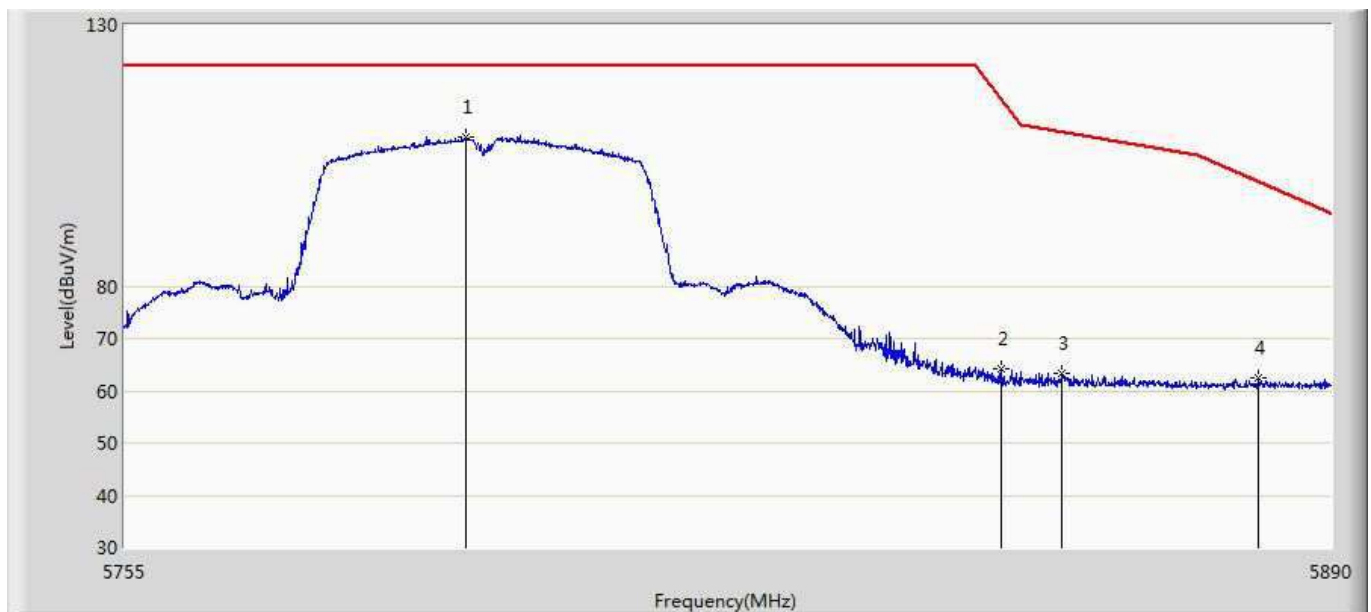
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5698.455	67.562	26.812	-36.499	104.062	40.750	PK
2		5712.235	74.258	33.477	-34.370	108.628	40.781	PK
3		5723.090	83.113	42.391	-34.734	117.846	40.722	PK
4	*	5753.120	110.643	69.838	-11.557	122.200	40.805	PK

Profile: 2040625R	Page No.: 25
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 11:58
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



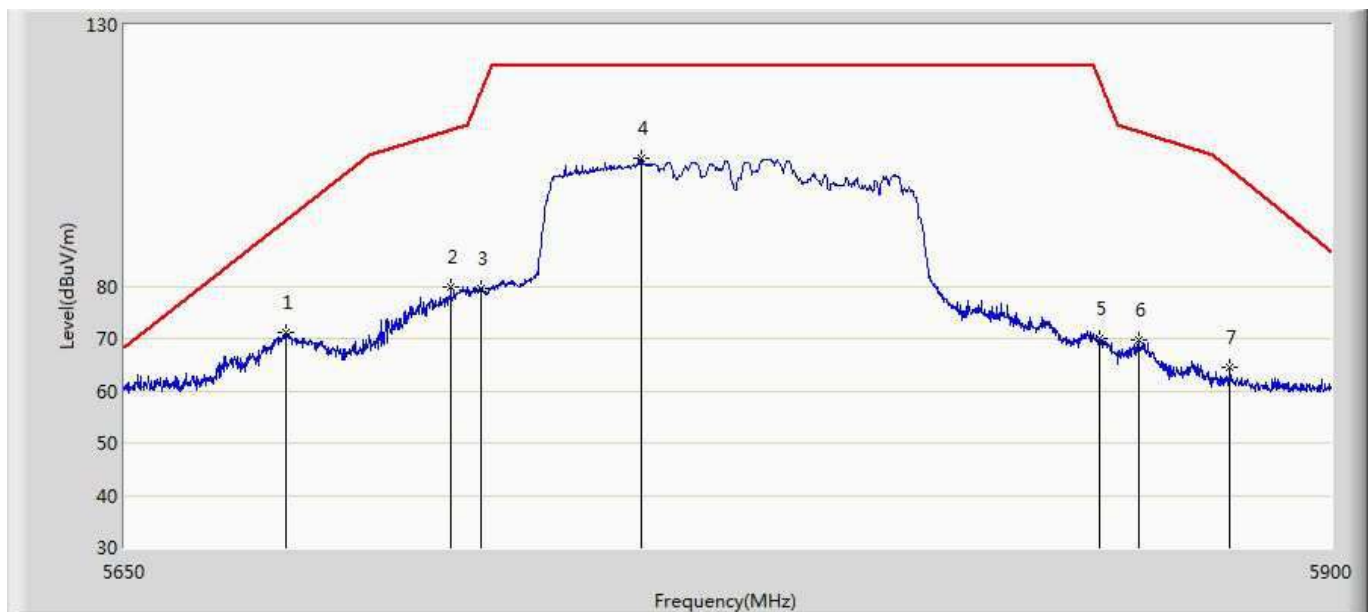
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5793.272	107.852	66.891	-14.348	122.200	40.961	PK
2		5852.605	63.142	22.089	-53.118	116.259	41.053	PK
3		5861.717	63.227	22.160	-45.691	108.917	41.067	PK
4		5885.612	61.599	20.570	-35.722	97.321	41.029	PK

Profile: 2040625R	Page No.: 26
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 12:00
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



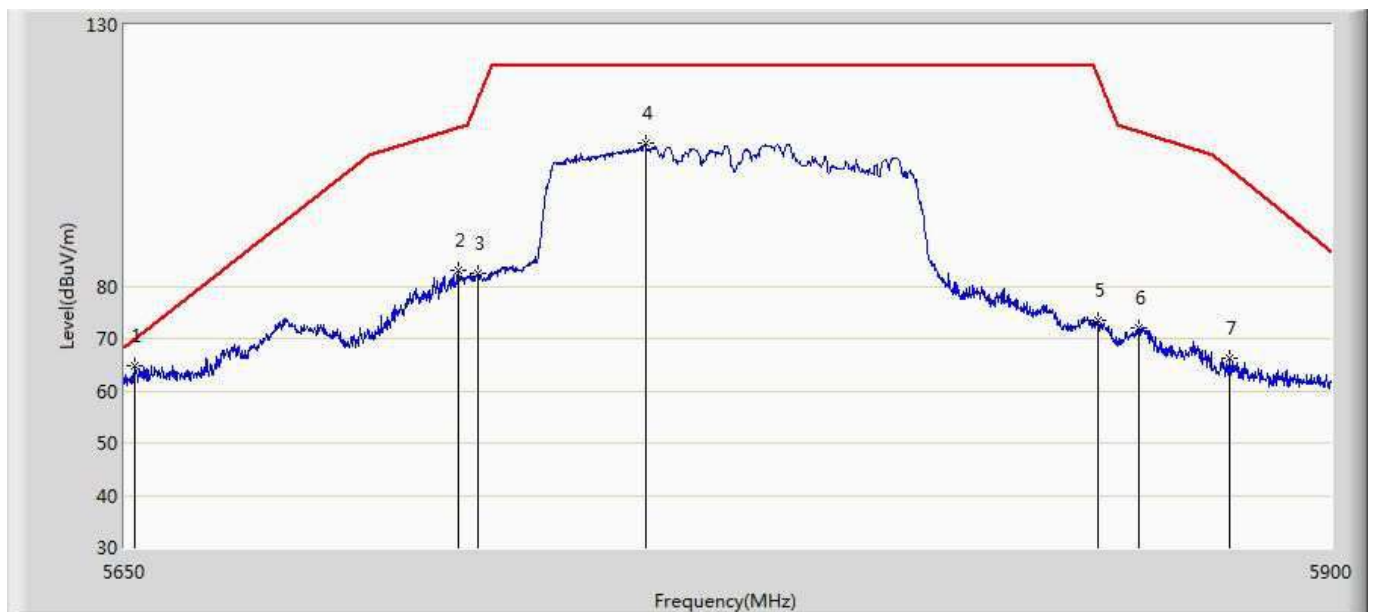
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5792.868	108.446	67.487	-13.754	122.200	40.958	PK
2		5852.875	64.328	23.275	-51.316	115.644	41.053	PK
3		5859.692	63.465	22.402	-46.019	109.485	41.064	PK
4		5881.833	62.410	21.384	-37.715	100.125	41.026	PK

Profile: 2040625R	Page No.: 27
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 12:30
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5682.750	71.144	30.437	-21.328	92.472	40.707	PK
2		5716.625	79.822	39.065	-30.034	109.856	40.757	PK
3		5722.750	79.567	38.843	-37.505	117.071	40.724	PK
4	*	5755.875	104.451	63.640	-17.749	122.200	40.811	PK
5		5851.375	70.050	28.999	-49.014	119.064	41.051	PK
6		5859.375	69.684	28.621	-39.889	109.573	41.063	PK
7		5878.750	64.598	23.573	-37.816	102.414	41.025	PK

Profile: 2040625R	Page No.: 28
Engineer: YULIU	
Site: AC5	Time: 2020/05/16 - 12:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Mobile Computer	Power: 3.8 Vdc
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5652.250	64.662	24.019	-5.210	69.872	40.643	PK
2		5718.125	82.971	42.222	-27.305	110.276	40.749	PK
3		5722.250	82.367	41.641	-33.564	115.931	40.726	PK
4		5756.625	107.498	66.685	-14.702	122.200	40.813	PK
5		5850.875	73.514	32.464	-46.690	120.204	41.050	PK
6		5859.625	72.118	31.055	-37.385	109.503	41.064	PK
7		5878.750	66.280	25.255	-36.134	102.414	41.025	PK

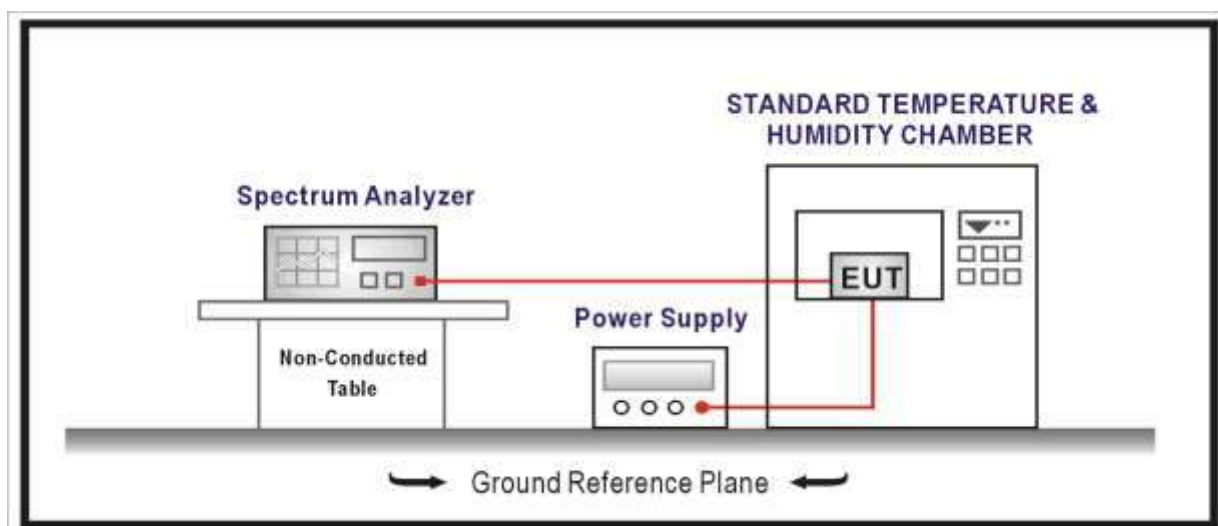
10. Frequency Stability

10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.09.28	2020.09.27
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.08.30	2020.08.29
AC Power Supply	IDRC	CF-500TP	979422	2019.09.16	2020.09.15
DC Power Supply	IDRC	CD-035-020PR	977272	2019.09.16	2020.09.15
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2020.01.04	2021.01.03
Temperature/Humidity Meter	zhichen	ZC1-2	TR7-TH	2020.04.10	2021.04.09

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



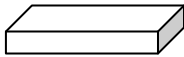
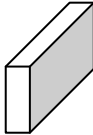
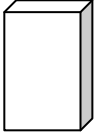
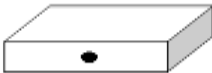
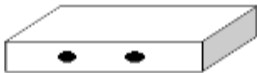


10.3. Limit

Frequency Stability Limit	
UNII Devices	
<input checked="" type="checkbox"/>	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11n-2009	
<input checked="" type="checkbox"/>	The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

10.4. Test Procedure

Frequency Stability Test Method				
	References Rule		Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10		6.8	Frequency stability tests
	<input checked="" type="checkbox"/>	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	<input checked="" type="checkbox"/>	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

10.5. EUT test Axis definition

Item	Frequency Stability				
Device Category	<input type="checkbox"/>	Indoor use			
	<input type="checkbox"/>	Outdoor use			
	<input type="checkbox"/>	Fix position use			
	<input checked="" type="checkbox"/>	Client use			
Test mode	Mode 1-6				
Test method	<input type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input checked="" type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1			
					
	<input type="checkbox"/>	Chain 1	Chain 2		
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	
					
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

10.6. Test Result

Product Name	:	Mobile Computer		
Test Mode	:	Carrier Wave	Test Site	: TR-7
Test Date	:	2020.05.18	Test Engineer	: Pawn

Frequency Stability under Temperature at 0min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-79	-0.015	±20
-20	5220.000	62	0.012	±20
-10	5220.000	84	0.016	±20
0	5220.000	46	0.009	±20
10	5220.000	52	0.010	±20
20	5220.000	-91	-0.017	±20
30	5220.000	106	0.020	±20
40	5220.000	87	0.017	±20
50	5220.000	-127	-0.024	±20

Frequency Stability under Temperature at 2min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	86	0.016	±20
-20	5220.000	54	0.010	±20
-10	5220.000	-77	-0.015	±20
0	5220.000	62	0.012	±20
10	5220.000	49	0.009	±20
20	5220.000	-84	-0.016	±20
30	5220.000	106	0.020	±20
40	5220.000	73	0.014	±20
50	5220.000	97	0.019	±20

Frequency Stability under Temperature at 5min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-92	-0.018	±20
-20	5220.000	73	0.014	±20
-10	5220.000	58	0.011	±20
0	5220.000	62	0.012	±20
10	5220.000	51	0.010	±20
20	5220.000	-83	-0.016	±20
30	5220.000	116	0.022	±20
40	5220.000	-94	-0.018	±20
50	5220.000	103	0.020	±20

Frequency Stability under Temperature at 10min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-129	-0.025	±20
-20	5220.000	98	0.019	±20
-10	5220.000	83	0.016	±20
0	5220.000	59	0.011	±20
10	5220.000	-73	-0.014	±20
20	5220.000	69	0.013	±20
30	5220.000	-107	-0.020	±20
40	5220.000	94	0.018	±20
50	5220.000	85	0.016	±20

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
102	5220.000	-86	-0.016	±20
120	5220.000	-72	-0.014	±20
138	5220.000	116	0.022	±20

11. Antenna Requirement

11.1. Limit

Antenna Requirement Limit	
<p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.</p>	

11.2. Antenna Connector Construction

Antenna Connector Construction	
<input checked="" type="checkbox"/>	The use of a permanently attached antenna
<input type="checkbox"/>	The antenna use of a unique coupling to the intentional radiator
<input type="checkbox"/>	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document "Internal Photograph" to show the antenna connector.	

_____ The End _____