Test Report

FCC Part15 Subpart C & RSS-247 Issue 2

Product Name	:	Wireless Access Point
Model No.	:	AP305C, AP305CX
FCC ID	:	QXO-AP305C
IC	:	4141B-AP305C

Applicant	:	Extreme Networks, Inc
Address	:	6480 Via Del Oro, San Jose, CA 95119

Date of Receipt	:	Jun. 27, 2019
Test Date	:	Jun. 28, 2019~ Aug. 08, 2019
Issued Date	:	Aug. 23, 2019
Report No.	:	1962097R-RF-US-P06V01
Report Version	:	V1.0

Test Report Certification

Issued Date: Aug. 23, 2019
Report No. : 1962097R-RF-US-P06V01

Product Name	:	Wireless Access Point
Applicant	:	Extreme Networks, Inc
Address	:	6480 Via Del Oro, San Jose, CA 95119
Manufacturer	:	Extreme Networks, Inc
Address	:	6480 Via Del Oro, San Jose, CA 95119
Model No.	:	AP305C, AP305CX
Brand	:	Extreme Networks
FCC ID	:	QXO-AP305C
IC	:	4141B-AP305C
EUT Voltage	:	POE 48V
Test Voltage	:	AC 120V/60Hz
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C ANSI C63.10:2013; KDB 558074 D01v05r02 KDB 662911 D01 Multiple Transmitter Output v02r01 RSS-Gen Issue 5 / RSS-247 Issue 2
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 ISED CAB identifier: CN0040

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(Engineer Supervisor: Jack Zhang)

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REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1962097R-RF-US-P06V01	V1.0	Initial Issued Report	Aug. 23, 2019

1. General Information

1.1. EUT Description

Product Name	Wireless Access Point
Model No.	AP305C, AP305CX
EUT Voltage	POE 48V
Frequency Range	For 2.4GHz Band 802.11b/g/n/ac/ax(20MHz): 2412~2462MHz
Channel Number	For 2.4GHz Band 802.11b/g/n(20MHz): 11
Type of Modulation	802.11b: DSSS-DBPSK, DQPSK, CCK
	802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Data Rate	802.11b: 1/2/5.5/11 Mbps
	802.11g: 6/9/12/18/24/36/48/54 Mbps
	802.11n: up to 144.4 Mbps
	802.11ac: up to 173.4 Mbps
	802.11ax: up to 286 Mbps
Channel Control	Auto

Note: AP305C and AP305CX are the same except the antenna type and antenna gain, due to the same power setting of AP305C and AP305CX, the conducted test item data is the same.

1.2. Working Frequency of Each Channel:

802.11b/g/n Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz	04	2427 MHz
05	2432 MHz	06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	10	2457 MHz	11	2462 MHz	N/A	N/A

1.3. Antenna information

AP305C:

<table>
<tr><td colspan="3">Antenna Model No.</td><td colspan="5">N/A</td></tr>
<tr><td colspan="3">Antenna Manufacturer</td><td colspan="5">N/A</td></tr>
<tr><td colspan="3">Antenna Delivery</td><td colspan="5">☒ 1*TX+1*RX ☒ 2*TX+2*RX ☐ 3*TX+3*RX</td></tr>
<tr><td colspan="3" rowspan="7">Antenna Technology</td><td colspan="5">☒ SISO</td></tr>
<tr><td rowspan="6">☒ MIMO</td><td>☐</td><td colspan="3">Basic methodology</td></tr>
<tr><td>☐</td><td colspan="3">Sectorized antenna systems</td></tr>
<tr><td>☐</td><td colspan="3">Cross-polarized antennas</td></tr>
<tr><td>☐</td><td colspan="3">Unequal antenna gains, with equal transmit powers</td></tr>
<tr><td>☒</td><td colspan="3">Spatial Multiplexing</td></tr>
<tr><td>☒</td><td colspan="3">Cyclic Delay Diversity (CDD)</td></tr>
<tr><td colspan="3">Antenna Type</td><td colspan="5">PIFA</td></tr>
<tr><td colspan="8">Antenna Gain</td></tr>
<tr><td colspan="4">Antenna Technology</td><td colspan="4">Ant Gain(eth1)
(dBi)</td></tr>
<tr><td rowspan="2">☒ SISO</td><td>☒ Ant1</td><td colspan="4">2.67</td></tr>
<tr><td>☒ Ant2</td><td colspan="4">2.37</td></tr>
<tr><td colspan="2">☒ CDD</td><td colspan="4">2.67dBi for Power; 5.67dBi for PSD</td></tr>
<tr><td colspan="2">☒ Beam-forming</td><td colspan="4">5.67dBi for Power; 5.67dBi for PSD</td></tr>
</table>

AP305CX:

Antenna Model No.	N/A						
Antenna Manufacturer	N/A						
Antenna Delivery	☒	1*TX+1*RX	☒	2*TX+2*RX	☐	3*TX+3*RX	
Antenna Technology	☒	SISO					
	☒	MIMO	☐	Basic methodology			
			☐	Sectorized antenna systems			
			☐	Cross-polarized antennas			
			☐	Unequal antenna gains, with equal transmit powers			
			☒	Spatial Multiplexing			
			☒	Cyclic Delay Diversity (CDD)			
Antenna Type	Dipole						
Antenna Gain							

Antenna Technology				Ant Gain(eth1) (dBi)
☒	SISO	☒	Ant1	2.63
		☒	Ant2	2.02
☒	CDD			2.63dBi for Power; 5.63dBi for PSD
☒	Beam-forming			5.63dBi for Power; 5.63dBi for PSD

1.4. Mode of Operation

Test Modes List
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11n(20MHz)
Mode 4: Transmit by 802.11ac(20MHz)
Mode 5: Transmit by 802.11ax(20MHz)

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.

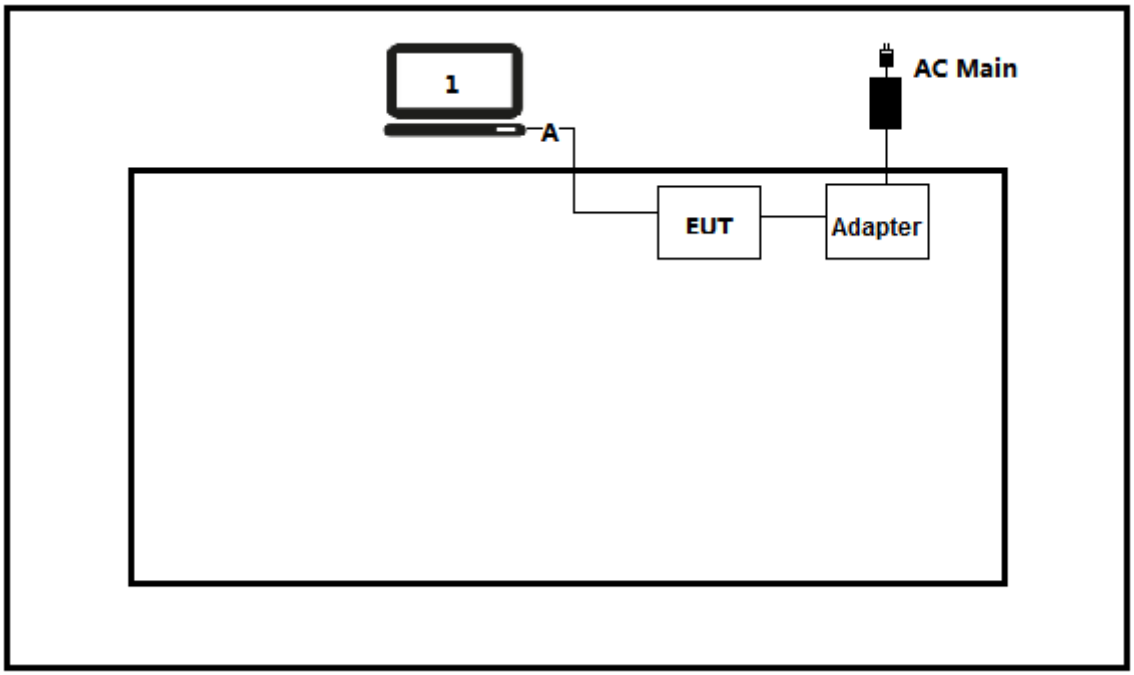
1.5. Tested System Details

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

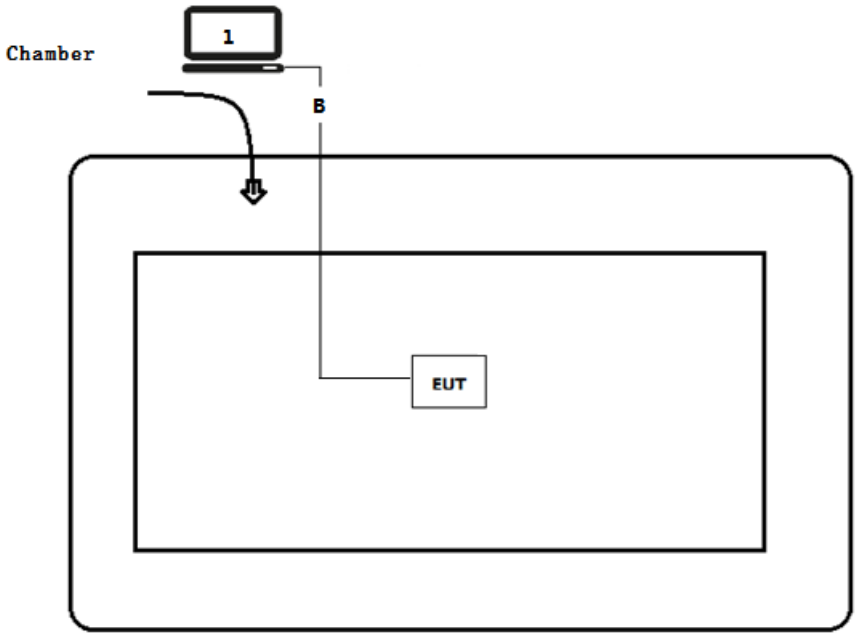
No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	Think pad x220	SUA0600195	Non-shielded
A	LAN cable	N/A	N/A	N/A	Shielded, 0.5m
B	LAN cable	N/A	N/A	N/A	Shielded, 10m

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 and simulators as shown on above.
2	Turn on the power of equipment.
3	Run RF software [MTool], and set the test mode and channel, then press OK to start to continue transmit.

2. Technical Test

2.1. Summary of Test Result

For FCC rule:

Performed Test Item	Normative References	Limit	Result
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: Section 15.207	FCC 15.207	PASS
Emissions in restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: Section 15.209	FCC 15.209	PASS
Emissions in non-restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: Section 15.247(d)	⩾30dBc	PASS
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 15.247(d)	FCC 15.209	PASS
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: Section 15.247(a)(2)	⩾500kHz	PASS
Fundamental emission output power	FCC CFR Title 47 Part 15 Subpart C: Section 15.247(b)(3)	⩽30dBm	PASS
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: Section 15.247(e)	⩽8dBm/3kHz	PASS
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: Section 15.203	FCC 15.203	PASS

For ISED rule:

Performed Test Item	Normative References	Limit	Result
AC Power Line Conducted Emission	RSS-Gen Issue 5 Section 8.8	RSS-Gen	N/A
Emissions in restricted frequency bands	RSS-Gen Issue 5 Section 8.9	RSS-Gen	PASS
Emissions in non-restricted frequency bands	RSS-247 Issue 2 Section A5.5	⩾30dBc	PASS
Radiated Emission Band Edge	RSS-247 Issue 2 Section A5.5	RSS-247	PASS
Occupied Bandwidth	RSS-Gen Issue 5 Section 6.6 RSS-247 Issue 2 Section A5.2(1)	⩾500kHz	PASS
Fundamental emission output power	RSS-247 Issue 2 Section A5.4(4)	⩽30dBm	PASS
Power Spectral Density	RSS-247 Issue 2 Section A5.2(2)	⩽8dBm/3kHz	PASS
Antenna Requirement	RSS-Gen Issue 5 Section 8.3	RSS-Gen Issue 5	PASS

2.2. Test Frequency configuration:

Modulation Mode	Channel	Frequency	Channel	Frequency	Channel	Frequency
802.11b	01	2412 MHz	06	2437MHz	11	2462MHz
802.11g	01	2412 MHz	06	2437MHz	11	2462MHz
802.11n(20MHz)	01	2412 MHz	06	2437MHz	11	2462MHz
802.11ac(20MHz)	01	2412 MHz	06	2437MHz	11	2462MHz
802.11ax(20MHz)	01	2412 MHz	06	2437MHz	11	2462MHz

2.3. Power vs Data Rate

MCS Index for 802.11n	Spatial Streams (Note1)	Data Rate (Mbps)			
		802.11b	802.11g	20MHz Bandwidth	
				800ns GI	400ns GI
0	1	1	6	6.5	7.2
1	1	2	9	13.0	14.4
2	1	5.5	12	19.5	21.7
3	1	11	18	26.0	28.9
4	1	---	24	39.0	43.3
5	1	---	36	52.0	57.8
6	1	---	48	58.5	65.0
7	1	---	54	65.0	72.2
8	2	---	---	13.0	14.4
9	2	---	---	26.0	28.9
10	2	---	---	39.0	43.3
11	2	---	---	52.0	57.8
12	2	---	---	78.0	86.7
13	2	---	---	104.0	115.6
14	2	---	---	117.0	130.0
15	2	---	---	130.0	144.0

Note 1: The EUT supports all data rate above. The blue form is the maximum power data rate

Note 2: The EUT has two spatial Streams

MCS Index	Spatial Streams (Note1)	Modulation type	Coding rate	Data Rate(Mb/s)	
				20MHz	
				Guard Interval	
				800ns	400ns
0	1	BPSK	1/2	6.5	7.2
1	1	QPSK	1/2	13	14.4
2	1	QPSK	3/4	19.5	21.7
3	1	16-QAM	1/2	26	28.9
4	1	16-QAM	3/4	39	43.3
5	1	64-QAM	2/3	52	57.8
6	1	64-QAM	3/4	58.5	65
7	1	64-QAM	5/6	65	72.2
8	1	256-QAM	3/4	78	86.7
9	1	256-QAM	5/6	N/A	N/A
10	2	BPSK	1/2	13.0	14.4
11	2	QPSK	1/2	26.0	28.8
12	2	QPSK	3/4	39.0	43.4
13	2	16-QAM	1/2	52.0	57.8
14	2	16-QAM	3/4	78.0	86.6
15	2	64-QAM	2/3	104.0	115.6
16	2	64-QAM	3/4	117.0	130.0
17	2	64-QAM	5/6	130.0	144.4
18	2	256-QAM	3/4	156.0	173.4
19	2	256-QAM	5/6	N/A	N/A

Note 1: The EUT supports all data rate above. The blue form is the maximum power data rate

Note 2: The EUT has two spatial Streams

MCS Index	Spatial Streams (Note1)	Modulation type	Coding rate	Data Rate(Mb/s)	
				20MHz	
				Guard Interval	
				1600 ns GI	800 ns GI
0	1	BPSK	1/2	8	8
1	1	QPSK	1/2	16	17
2	1	QPSK	3/4	24	26
3	1	16-QAM	1/2	33	34
4	1	16-QAM	3/4	49	52
5	1	64-QAM	2/3	65	69
6	1	64-QAM	3/4	73	77
7	1	64-QAM	5/6	81	86
8	1	256-QAM	3/4	98	103
9	1	256-QAM	5/6	108	115
10	1	1024-QAM	3/4	122	129
11	1	1024-QAM	5/6	135	143
12	2	BPSK	1/2	16	16
13	2	QPSK	1/2	32	34
14	2	QPSK	3/4	48	52
15	2	16-QAM	1/2	66	68
16	2	16-QAM	3/4	98	104
17	2	64-QAM	2/3	130	138
18	2	64-QAM	3/4	146	154
19	2	64-QAM	5/6	162	172
20	2	256-QAM	3/4	196	206
21	2	256-QAM	5/6	216	230
22	2	1024-QAM	3/4	244	258
23	2	1024-QAM	5/6	270	286

Note 1: The EUT supports all data rate above. The blue form is the maximum power data rate

Note 2: The EUT has two spatial Streams

2.4. 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

2.5. Measurement Uncertainty

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

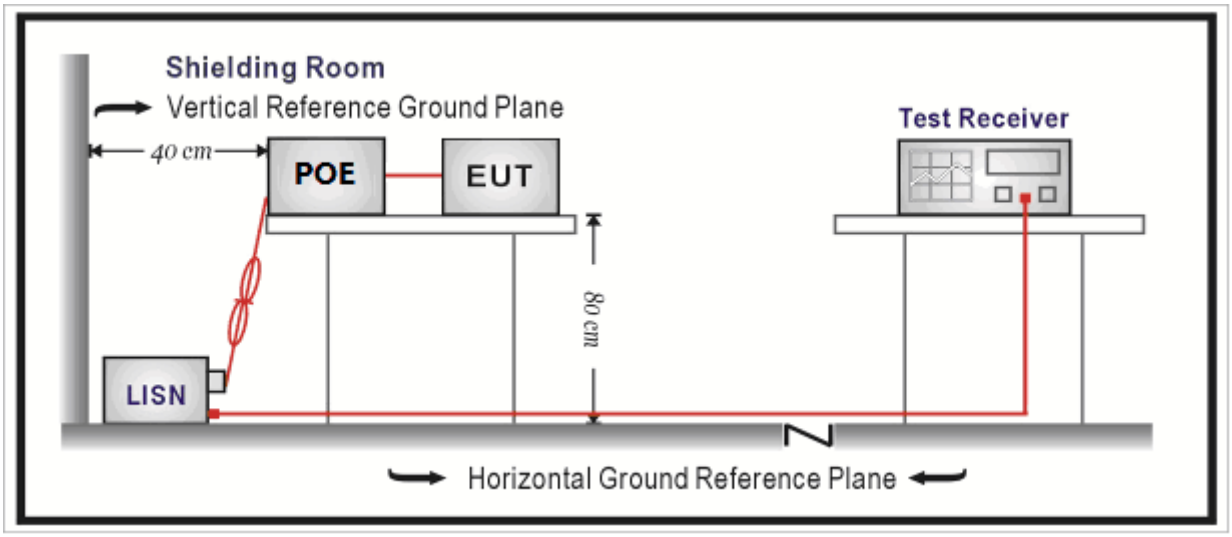
3. AC Power Line Conducted Emission

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	100726	2019.03.29	2020.03.28
Two-Line V-Network	R&S	ENV216	100043	2019.03.29	2020.03.28
Two-Line V-Network	R&S	ENV216	100044	2018.09.17	2019.09.16
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2019.03.02	2020.03.01
50ohm Termination	SHX	TF2	07081401	2018.09.17	2019.09.16
Temperature/Humidity Meter	zhichen	ZC1-2	TR1-TH	2019.01.04	2020.01.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

3.2. Test Setup

AC Power Line Conducted Emission test setup



3.3. Limit

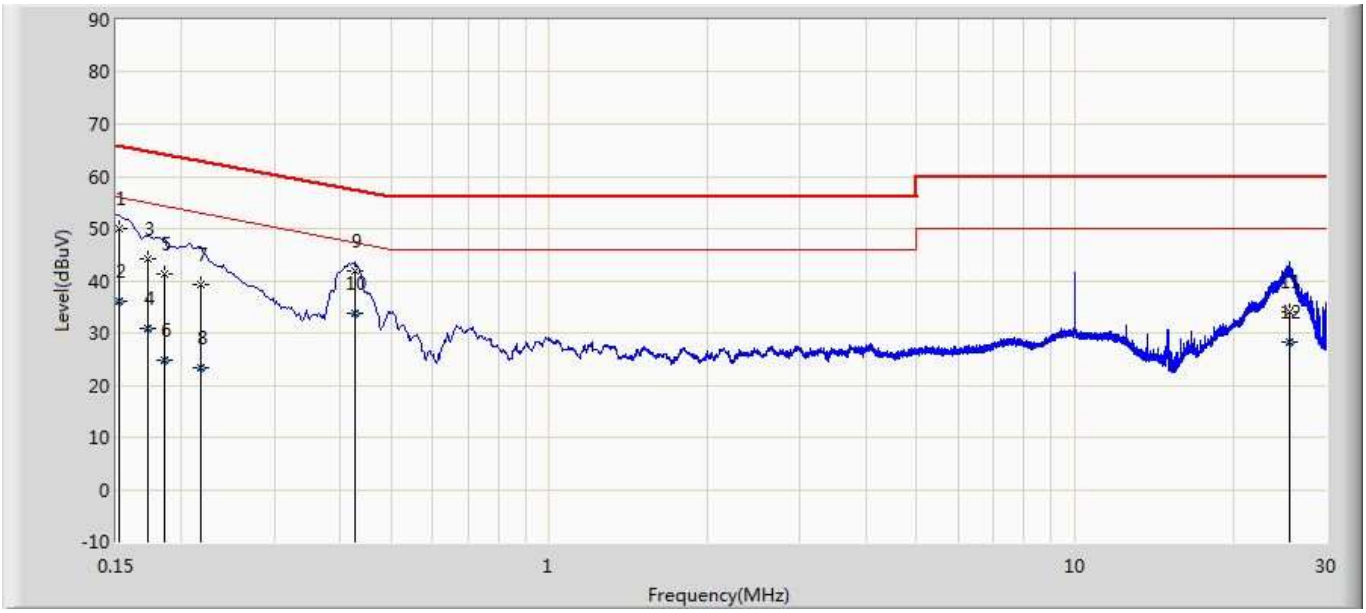
Frequency of Emission (MHz)	Conducted Limit	
	Quasi-peak (dBμV)	Average(dBμV)
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

3.4. Test Procedure

Test Method			
	References Rule	Chapter	Item
☒	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: 2019/07/29
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1	



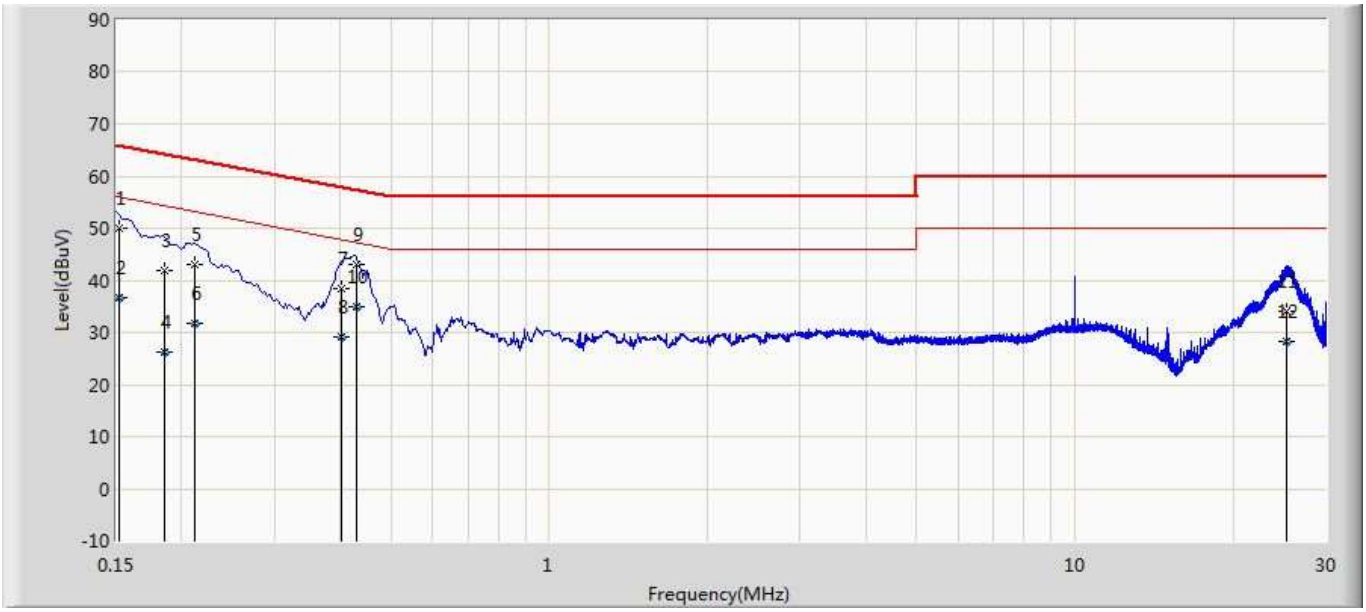
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.152	49.929	40.306	-15.948	65.876	9.593	0.029	0.000	QP
2		0.152	35.979	26.357	-19.897	55.876	9.593	0.029	0.000	AV
3		0.172	44.126	34.503	-20.713	64.839	9.595	0.028	0.000	QP
4		0.172	30.838	21.215	-24.001	54.839	9.595	0.028	0.000	AV
5		0.186	41.223	31.598	-22.990	64.213	9.597	0.028	0.000	QP
6		0.186	24.909	15.283	-29.305	54.213	9.597	0.028	0.000	AV
7		0.217	39.332	29.704	-23.582	62.914	9.599	0.029	0.000	QP
8		0.217	23.191	13.563	-29.723	52.914	9.599	0.029	0.000	AV
9		0.427	41.874	32.243	-15.441	57.316	9.592	0.040	0.000	QP
10	*	0.427	33.739	24.107	-13.577	47.316	9.592	0.040	0.000	AV
11		25.548	34.116	23.134	-25.884	60.000	10.653	0.328	0.000	QP
12		25.548	28.240	17.259	-21.760	50.000	10.653	0.328	0.000	AV

Note:

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

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

Site: TR1	Time: 2019/07/29
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.152	50.013	40.374	-15.864	65.876	9.609	0.029	0.000	QP
2		0.152	36.647	27.009	-19.229	55.876	9.609	0.029	0.000	AV
3		0.186	41.941	32.310	-22.272	64.213	9.603	0.028	0.000	QP
4		0.186	26.273	16.642	-27.940	54.213	9.603	0.028	0.000	AV
5		0.211	42.915	33.285	-20.261	63.176	9.601	0.029	0.000	QP
6		0.211	31.678	22.049	-21.497	53.176	9.601	0.029	0.000	AV
7		0.402	38.263	28.625	-19.549	57.812	9.600	0.038	0.000	QP
8		0.402	29.245	19.606	-18.567	47.812	9.600	0.038	0.000	AV
9		0.429	42.941	33.301	-14.331	57.272	9.600	0.040	0.000	QP
10	*	0.429	34.824	25.185	-12.448	47.272	9.600	0.040	0.000	AV
11		25.287	34.026	23.234	-25.974	60.000	10.465	0.326	0.000	QP
12		25.287	28.127	17.335	-21.873	50.000	10.465	0.326	0.000	AV

Note:

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

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

4. Emissions in restricted frequency bands

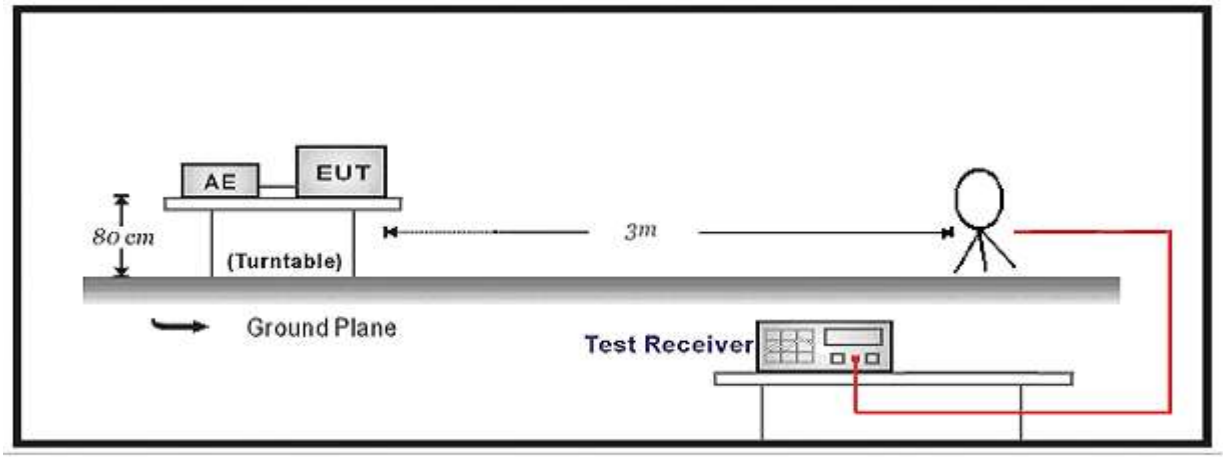
4.1. Test Equipment

Radiated Emission(Below 1GHz) / AC-2					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2019.03.29	2020.03.28
Loop Antenna	R&S	HFH2-Z2	833799/003	2018.11.16	2019.11.15
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2018.10.16	2019.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2019.03.02	2020.03.01
Temperature/Humidity Meter	Zhichen	ZC1-2	AC2-TH	2019.01.04	2020.01.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

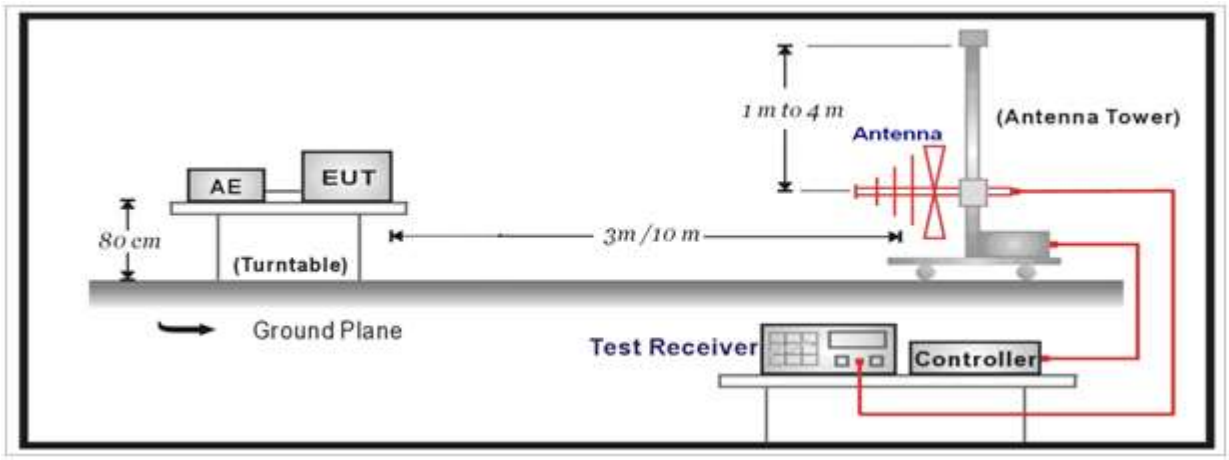
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2019.01.04	2020.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2019.05.06	2020.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2019.05.06	2020.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2019.01.22	2020.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2018.11.25	2019.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2019.03.02	2020.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2019.03.02	2020.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2019.03.02	2020.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2019.06.10	2020.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2019.01.04	2020.01.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

4.2. Test Setup

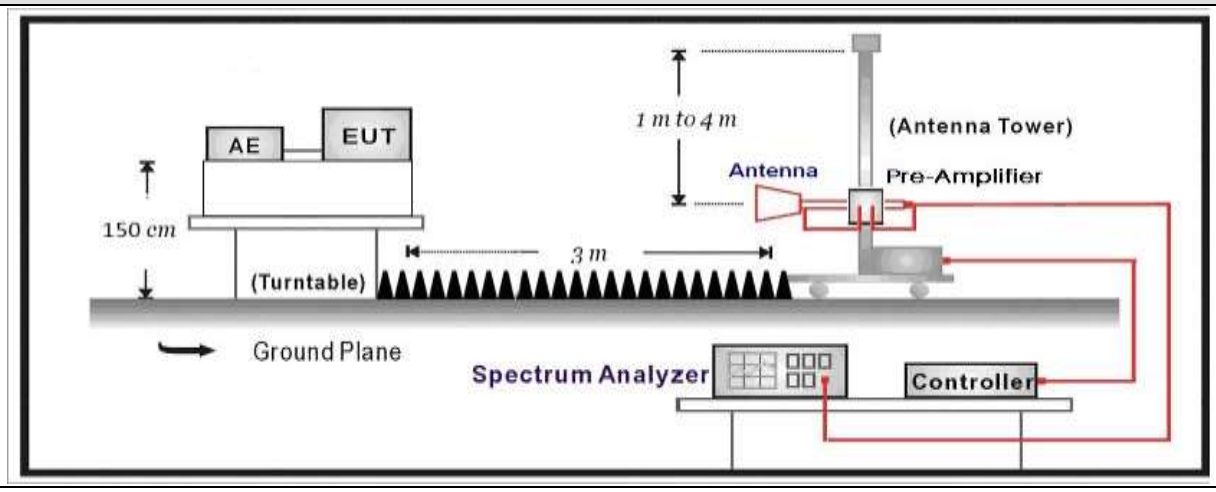
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

For FCC

Restricted Bands of operation			
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			

For ISED:

MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 – 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 – 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 – 8500	
108 – 138		

Restricted Band Emissions Limit			
Frequency (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30(Note 1)
1.705 - 30	30	29.5	30(Note 1)
30 - 88	100	40	3(Note 2)
88 - 216	150	43.5	3(Note 2)
216 - 960	200	46	3(Note 2)
Above 960	500	54	3(Note 2)

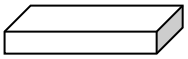
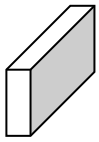
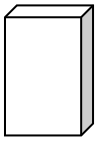
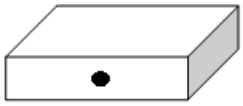
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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).

4.4. Test Procedure

Test Method						
	References Rule				Chapter	Description
☐	ANSI C63.10				11.11	Emissions in non-restricted frequency bands
	☐	ANSI C63.10			11.11.2	Reference level measurement
	☐	ANSI C63.10			11.11.3	Emission level measurement
☒	ANSI C63.10				11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10			11.12.1	Radiated emission measurements
	☒	ANSI C63.10			11.12.2.7	Radiated spurious emission test
		☒	ANSI C63.10		6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
		☒	ANSI C63.10		6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
		☒	ANSI C63.10		6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
	☐	ANSI C63.10			11.12.2	Antenna-port conducted measurements
		☐	ANSI C63.10		11.12.2.3	Quasi-peak measurement procedure
		☐	ANSI C63.10		11.12.2.4	Peak power measurement procedure
		☐	ANSI C63.10		11.12.2.5	Average power measurement procedures
			☐	ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
			☐	ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
			☐	ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

4.5. EUT test Axis definition

<table>
<tr><th>Item</th><th colspan="4">Emissions in restricted frequency bands</th></tr>
<tr><td rowspan="3">Device Category</td><td>☐</td><td colspan="3">Fixed point-to-point</td></tr>
<tr><td>☐</td><td colspan="3">Emit multiple directional beams, simultaneously or sequentially</td></tr>
<tr><td>☒</td><td colspan="3">Other cases</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~5</td></tr>
<tr><td rowspan="13">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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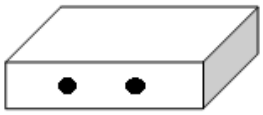
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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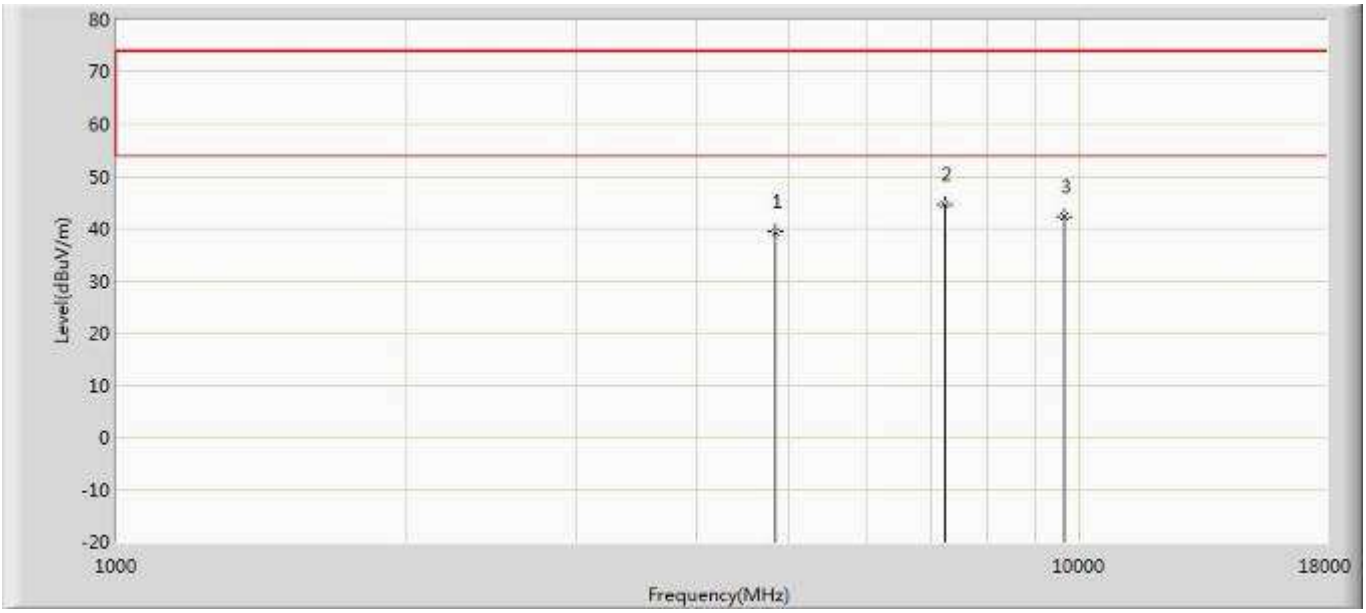
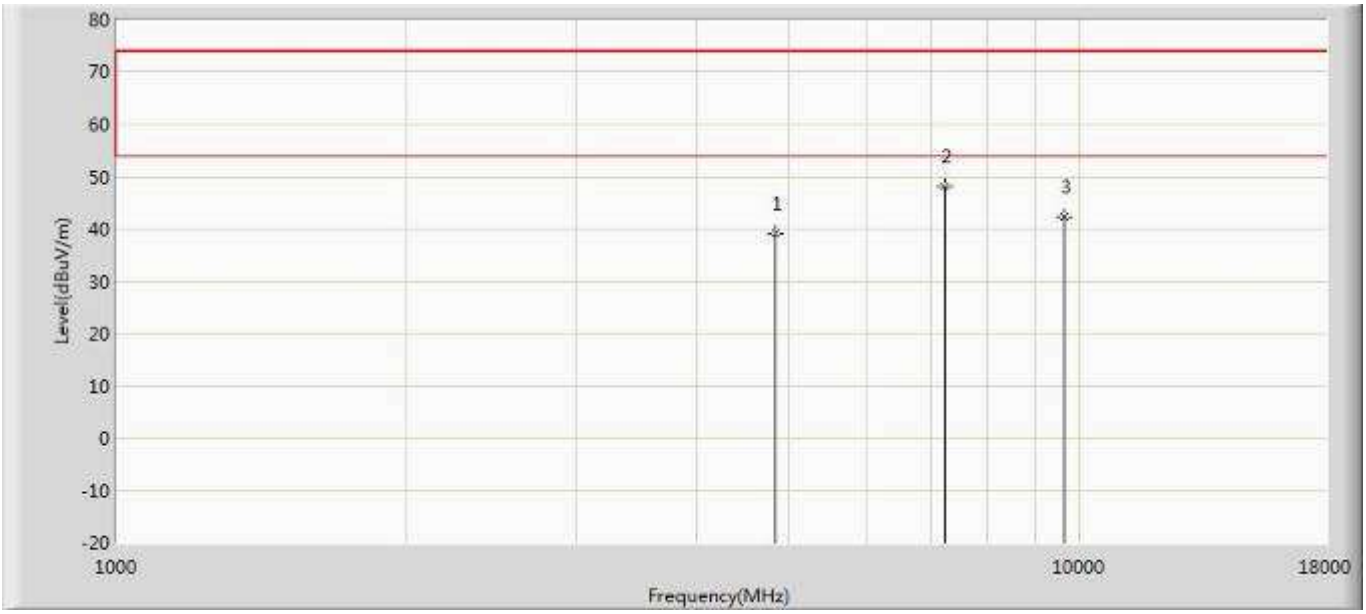
4.6. Test Result

Profile: 1962097R	Page No.: 211
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT 0	



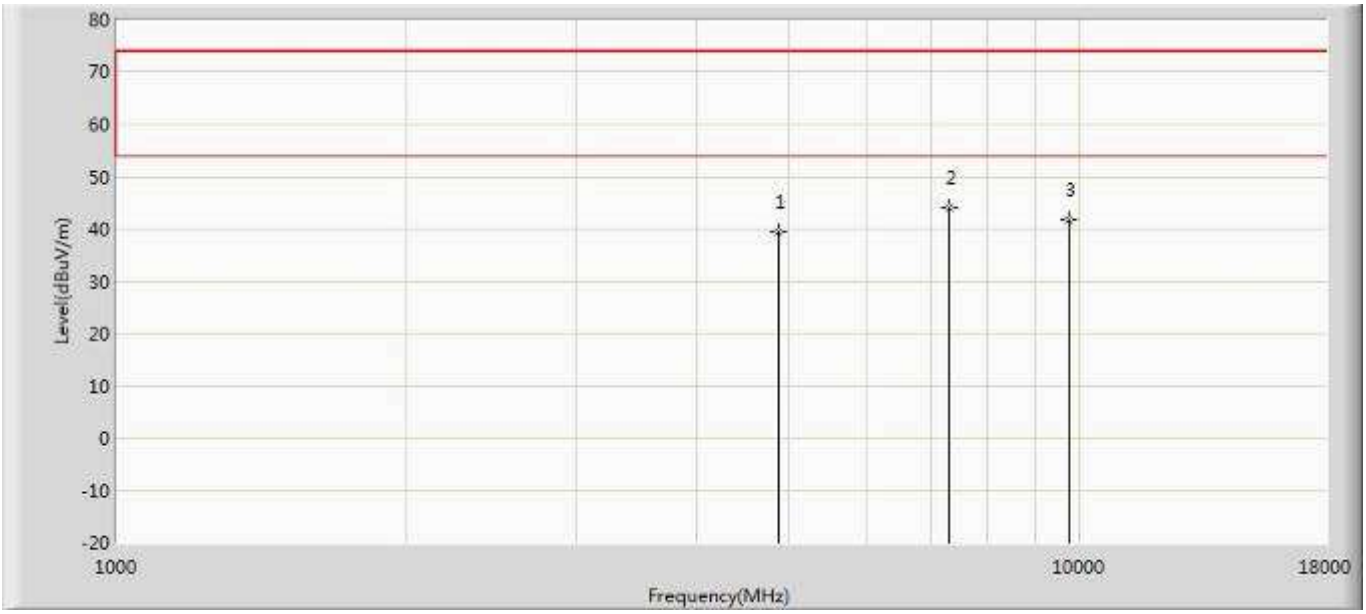
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.349	34.462	-34.651	74.000	4.887	PK
2	*	7236.000	44.774	36.919	-29.226	74.000	7.855	PK
3		9648.000	42.238	32.529	-31.762	74.000	9.709	PK

Profile: 1962097R	Page No.: 212
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT 0	



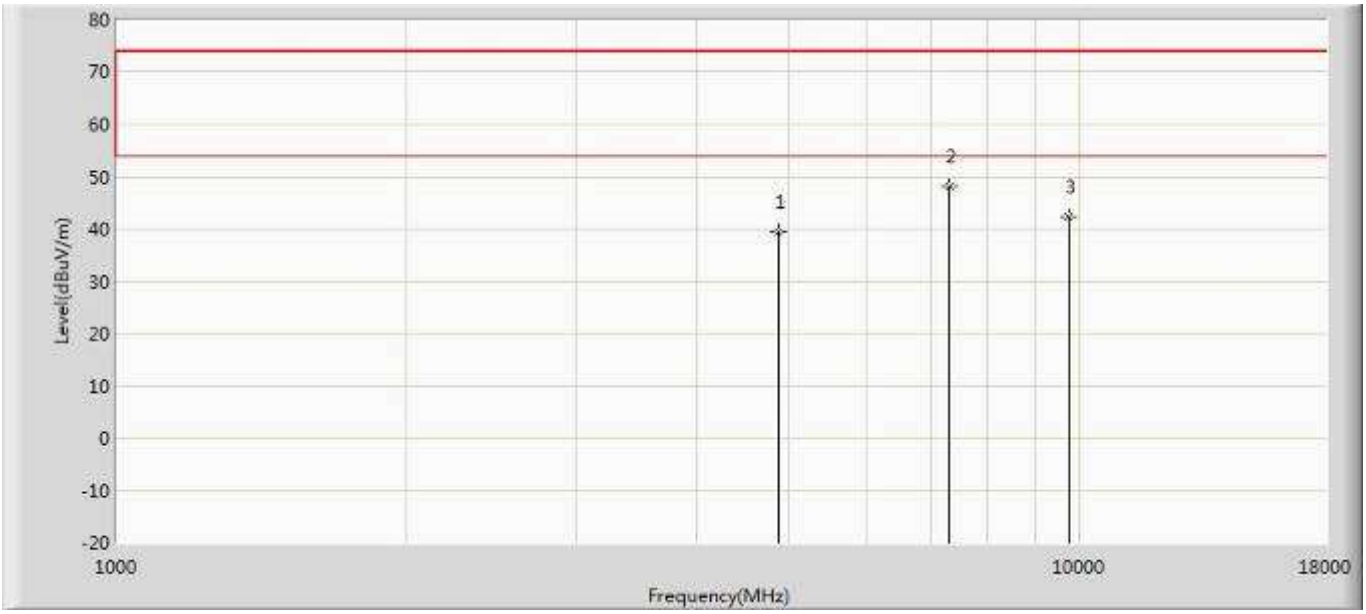
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.182	34.295	-34.818	74.000	4.887	PK
2	*	7236.000	48.032	40.177	-25.968	74.000	7.855	PK
3		9648.000	42.231	32.522	-31.769	74.000	9.709	PK

Profile: 1962097R	Page No.: 213
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b ANT 0	



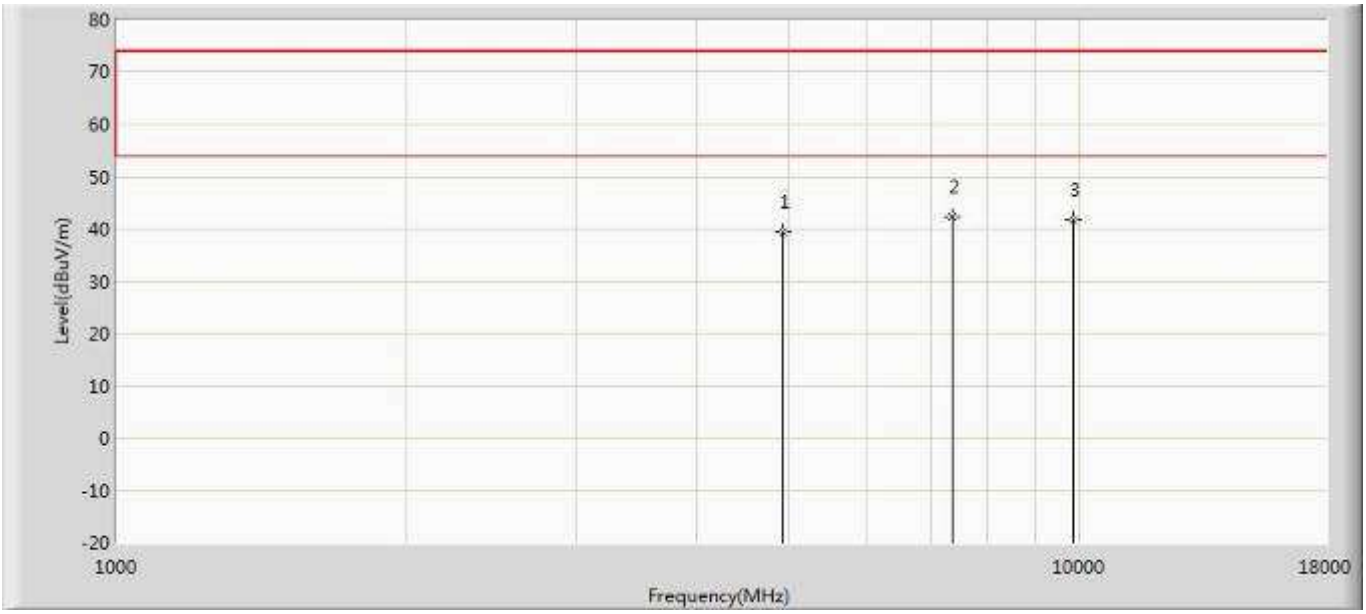
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.478	34.305	-34.522	74.000	5.173	PK
2	*	7311.000	43.929	36.190	-30.071	74.000	7.739	PK
3		9748.000	41.683	31.676	-32.317	74.000	10.007	PK

Profile: 1962097R	Page No.: 214
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b ANT 0	



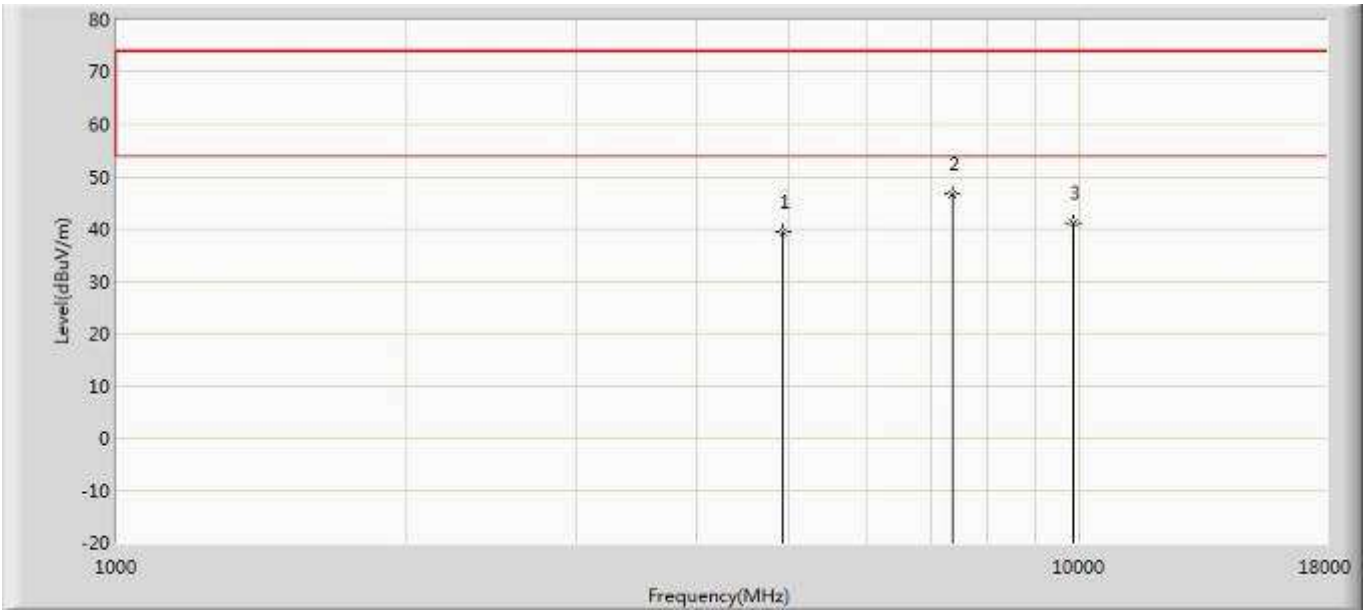
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.415	34.242	-34.585	74.000	5.173	PK
2	*	7311.000	48.019	40.280	-25.981	74.000	7.739	PK
3		9748.000	42.376	32.369	-31.624	74.000	10.007	PK

Profile: 1962097R	Page No.: 215
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b ANT 0	



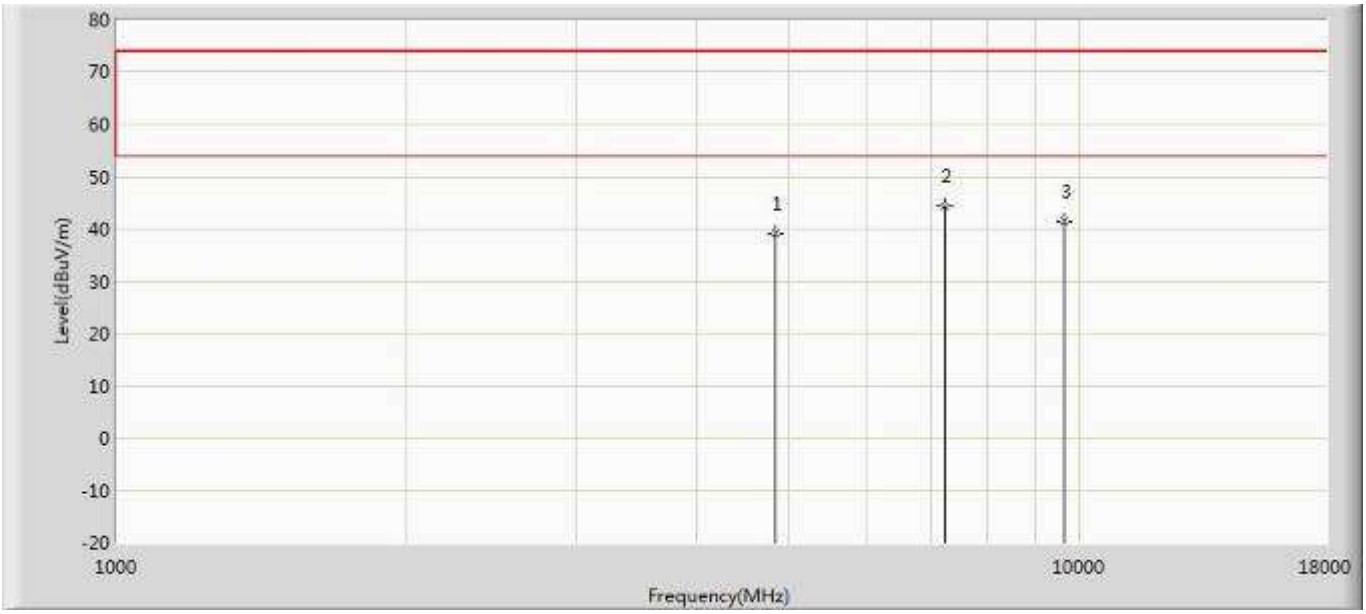
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.444	34.306	-34.556	74.000	5.137	PK
2	*	7386.000	42.438	34.528	-31.562	74.000	7.910	PK
3		9848.000	41.620	31.800	-32.380	74.000	9.820	PK

Profile: 1962097R	Page No.: 216
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b ANT 0	



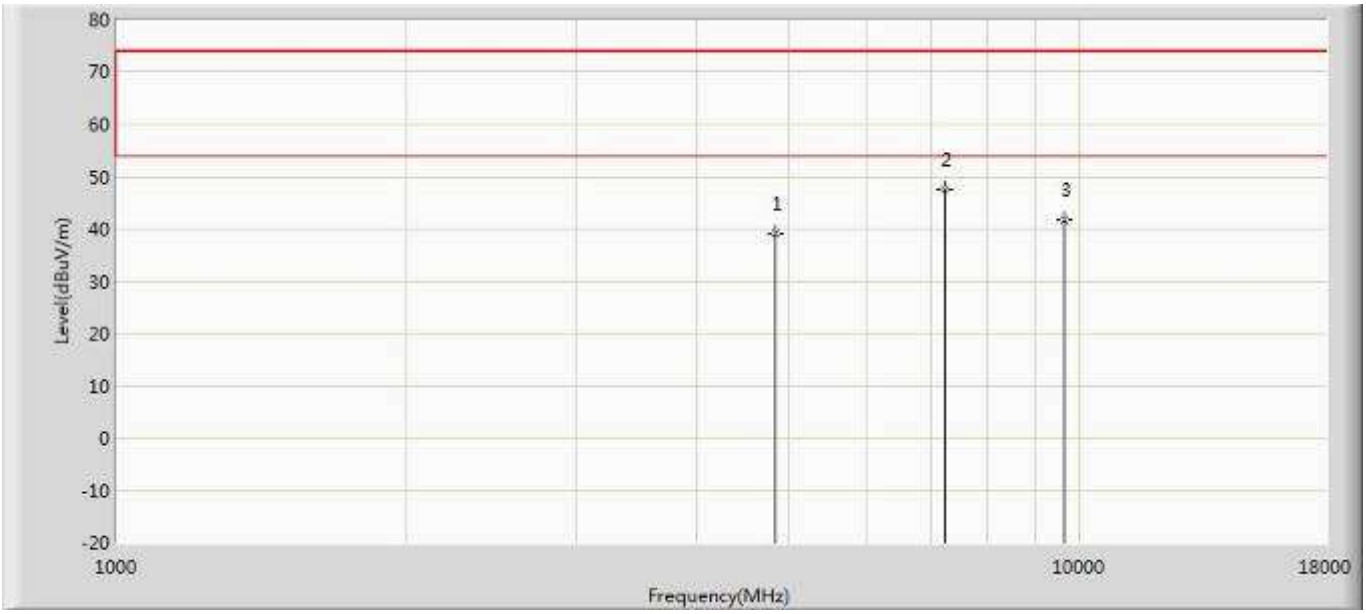
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.372	34.234	-34.628	74.000	5.137	PK
2	*	7386.000	46.573	38.663	-27.427	74.000	7.910	PK
3		9848.000	41.278	31.458	-32.722	74.000	9.820	PK

Profile: 1962097R	Page No.: 217
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT 1	



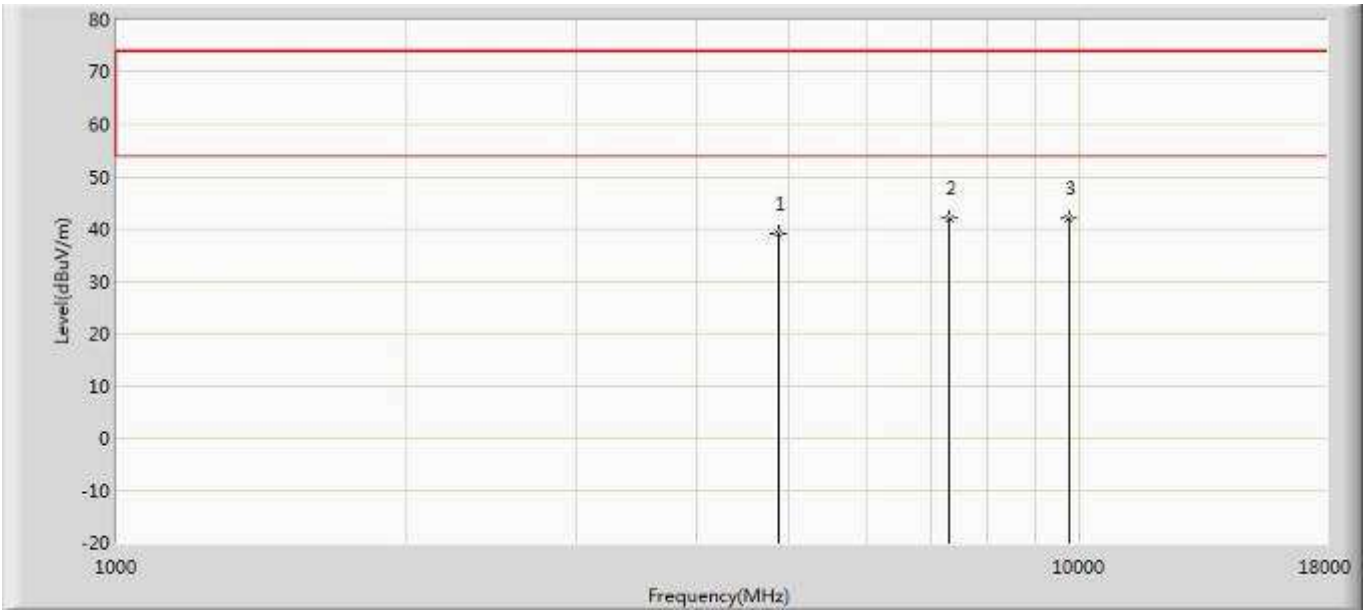
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.161	34.274	-34.839	74.000	4.887	PK
2	*	7236.000	44.365	36.510	-29.635	74.000	7.855	PK
3		9648.000	41.431	31.722	-32.569	74.000	9.709	PK

Profile: 1962097R	Page No.: 218
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT 1	



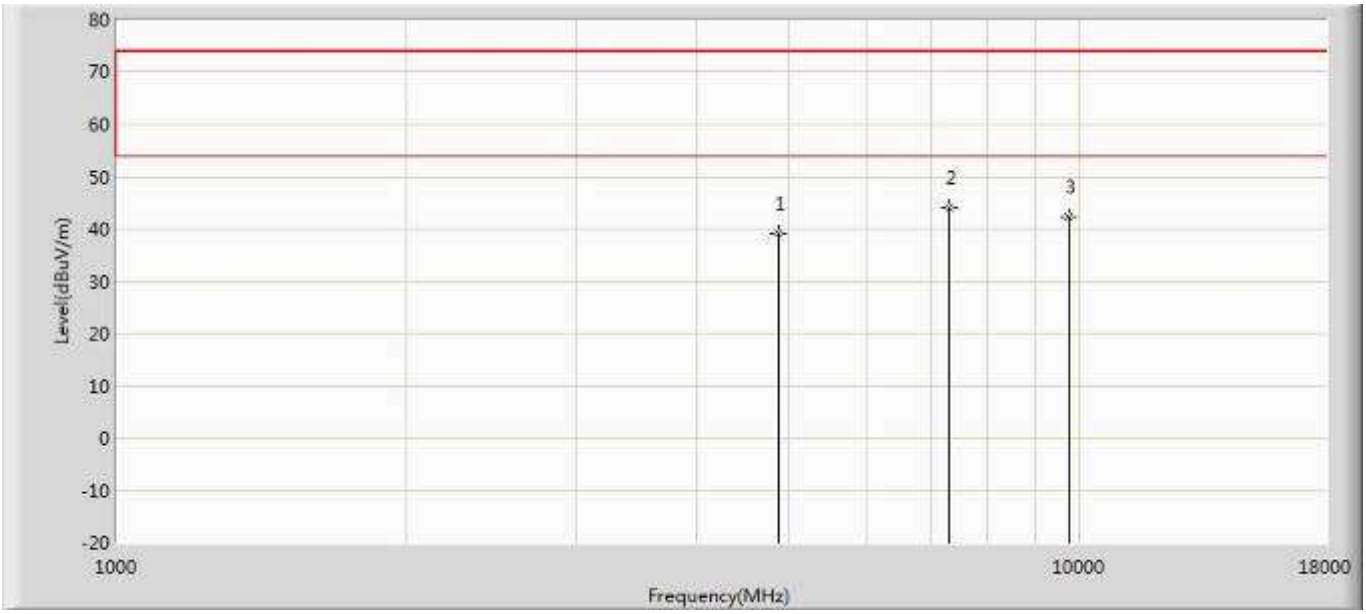
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	38.994	34.107	-35.006	74.000	4.887	PK
2	*	7236.000	47.426	39.571	-26.574	74.000	7.855	PK
3		9648.000	41.641	31.932	-32.359	74.000	9.709	PK

Profile: 1962097R	Page No.: 219
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b ANT 1	



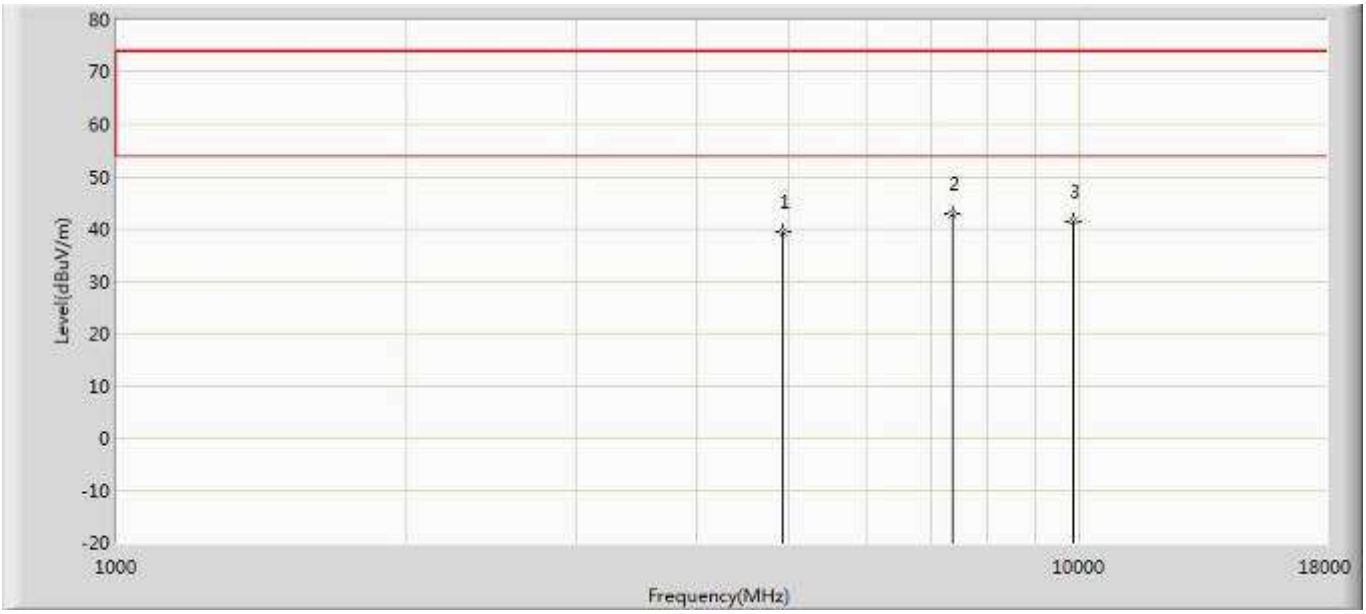
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.232	34.059	-34.768	74.000	5.173	PK
2	*	7311.000	42.102	34.363	-31.898	74.000	7.739	PK
3		9748.000	41.899	31.892	-32.101	74.000	10.007	PK

Profile: 1962097R	Page No.: 220
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b ANT 1	



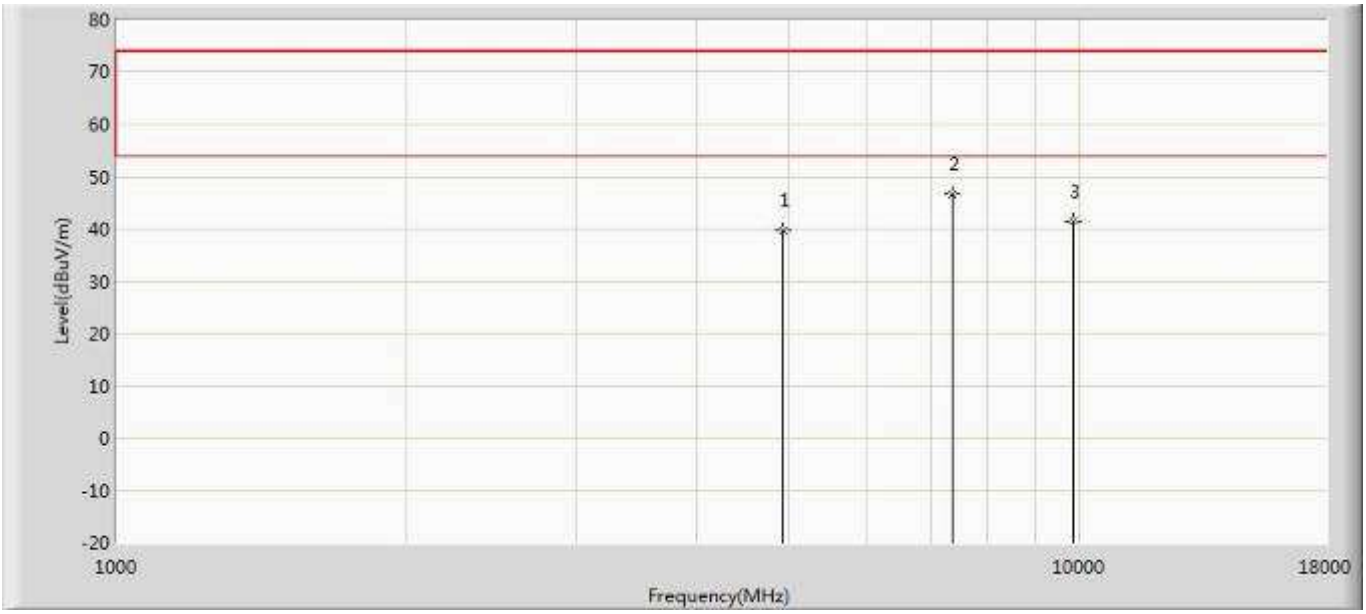
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.209	34.036	-34.791	74.000	5.173	PK
2	*	7311.000	44.136	36.397	-29.864	74.000	7.739	PK
3		9748.000	42.268	32.261	-31.732	74.000	10.007	PK

Profile: 1962097R	Page No.: 221
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b ANT 1	



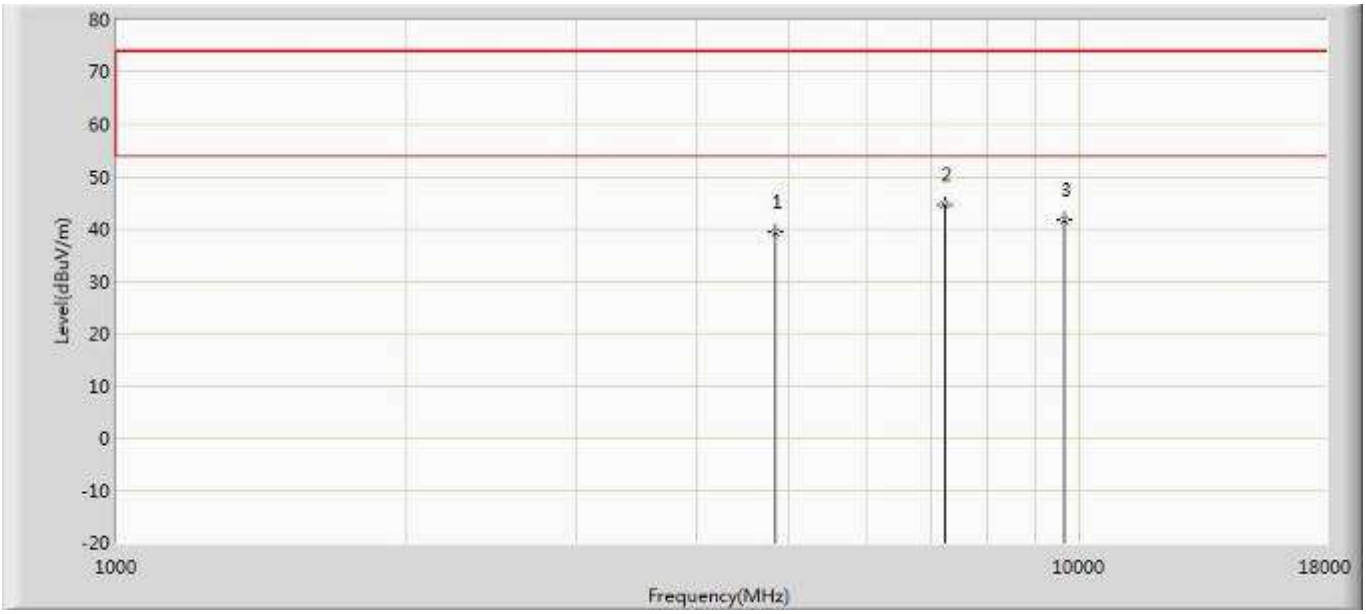
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.471	34.333	-34.529	74.000	5.137	PK
2	*	7386.000	42.823	34.913	-31.177	74.000	7.910	PK
3		9848.000	41.464	31.644	-32.536	74.000	9.820	PK

Profile: 1962097R	Page No.: 222
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b ANT 1	



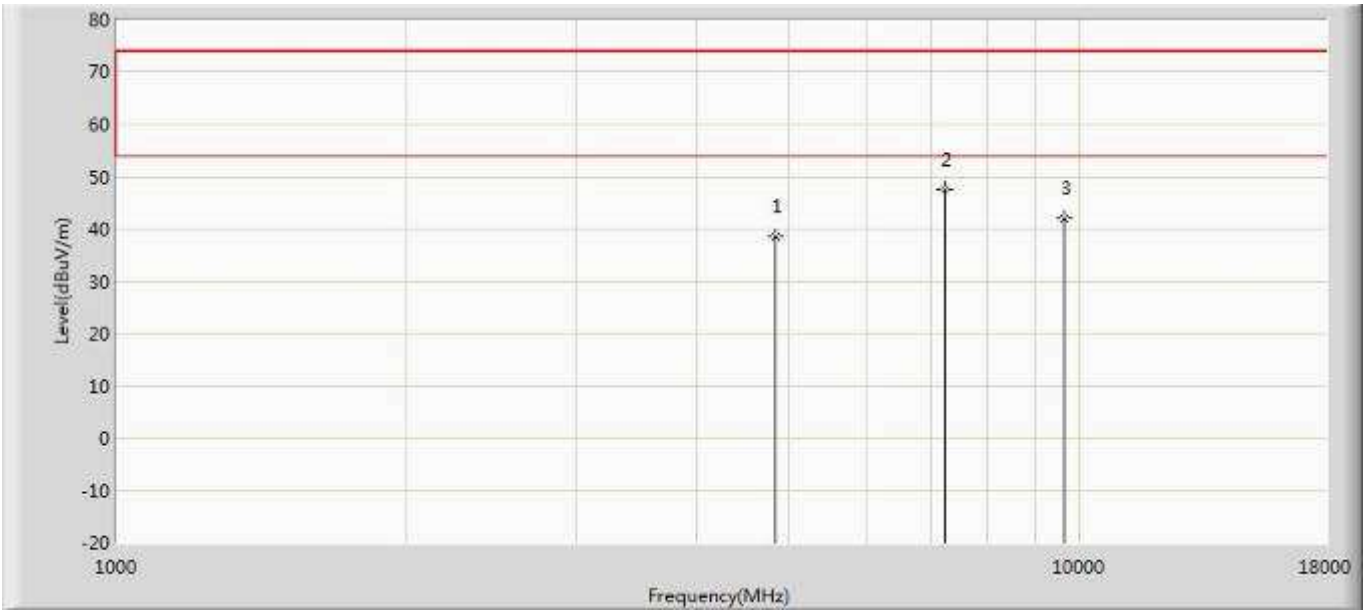
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.593	34.455	-34.407	74.000	5.137	PK
2	*	7386.000	46.810	38.900	-27.190	74.000	7.910	PK
3		9848.000	41.389	31.569	-32.611	74.000	9.820	PK

Profile: 1962097R	Page No.: 223
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b CDD	



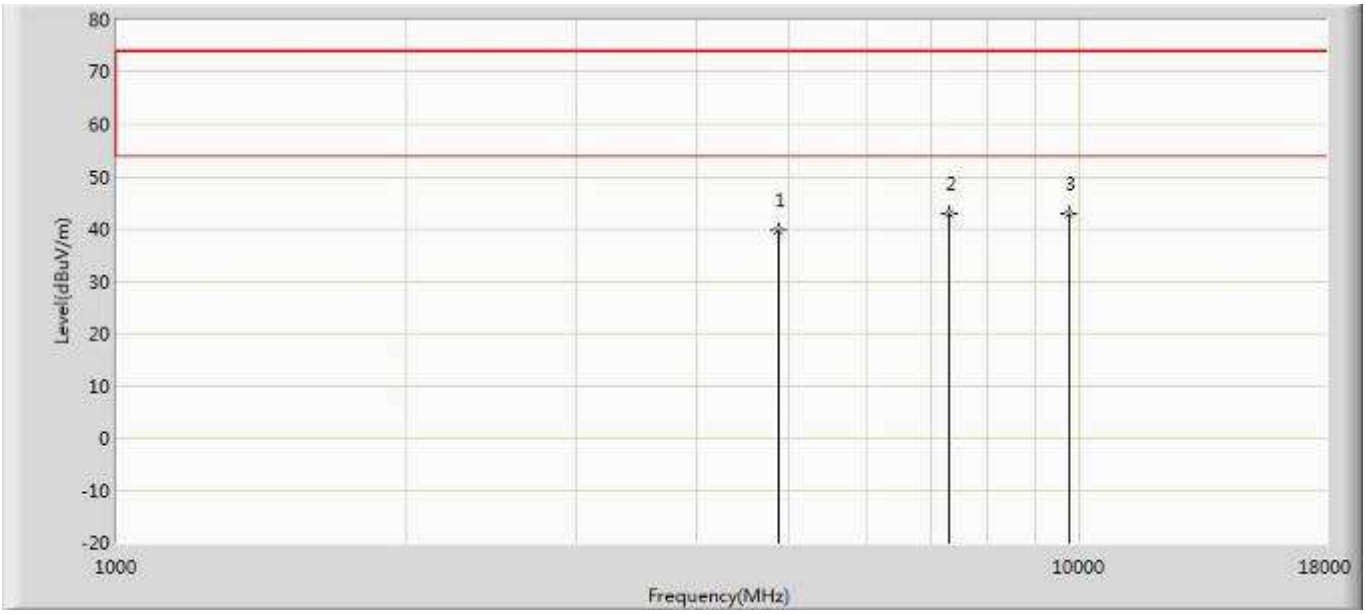
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.293	34.406	-34.707	74.000	4.887	PK
2	*	7236.000	44.541	36.686	-29.459	74.000	7.855	PK
3		9648.000	41.876	32.167	-32.124	74.000	9.709	PK

Profile: 1962097R	Page No.: 224
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b CDD	



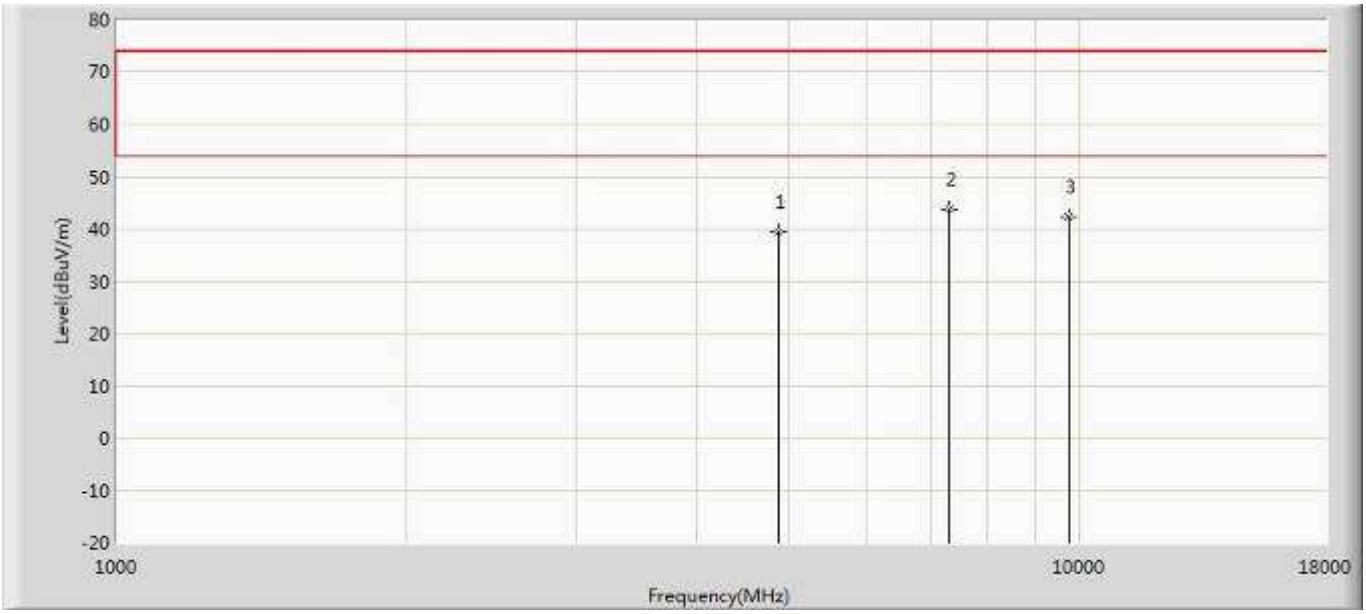
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	38.677	33.790	-35.323	74.000	4.887	PK
2	*	7236.000	47.536	39.681	-26.464	74.000	7.855	PK
3		9648.000	42.166	32.457	-31.834	74.000	9.709	PK

Profile: 1962097R	Page No.: 225
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b CDD	



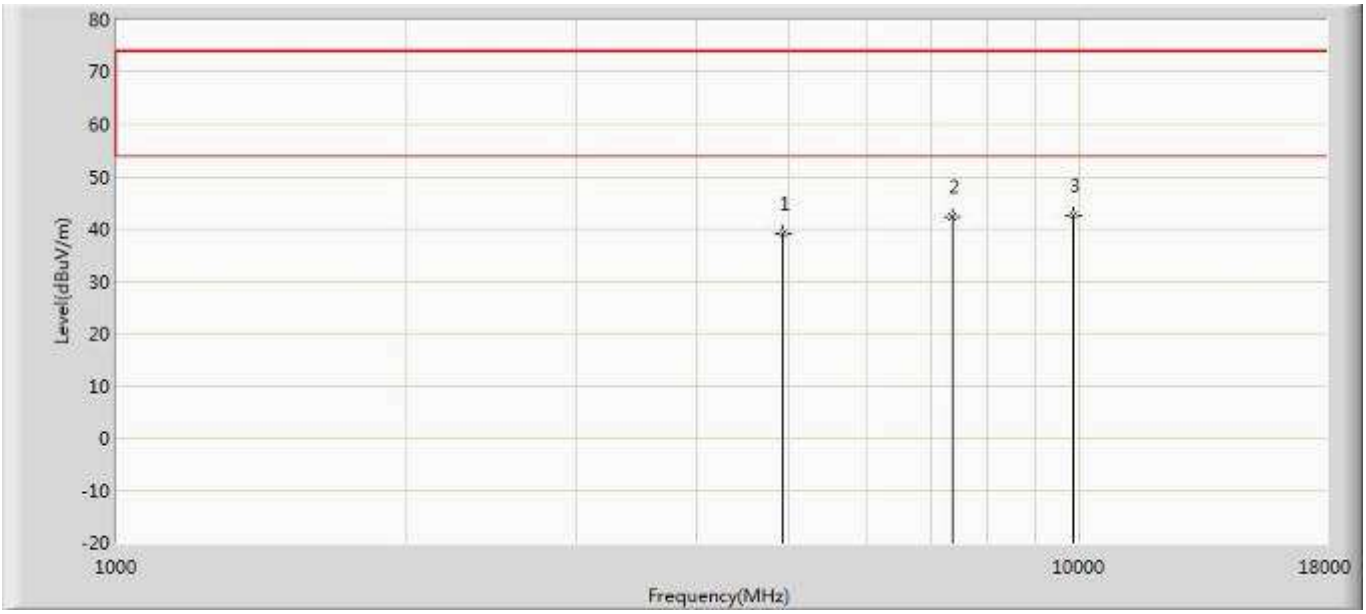
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.635	34.462	-34.365	74.000	5.173	PK
2	*	7311.000	42.855	35.116	-31.145	74.000	7.739	PK
3		9748.000	42.773	32.766	-31.227	74.000	10.007	PK

Profile: 1962097R	Page No.: 226
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b CDD	



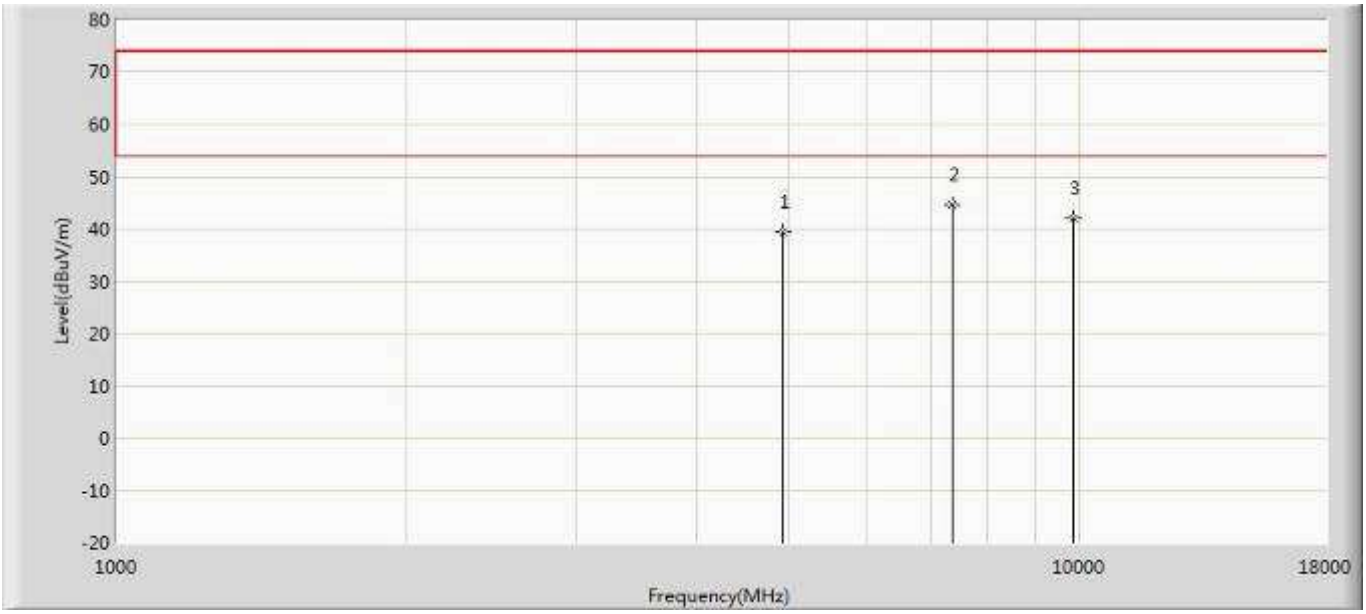
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.547	34.374	-34.453	74.000	5.173	PK
2	*	7311.000	43.662	35.923	-30.338	74.000	7.739	PK
3		9748.000	42.358	32.351	-31.642	74.000	10.007	PK

Profile: 1962097R	Page No.: 227
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b CDD	



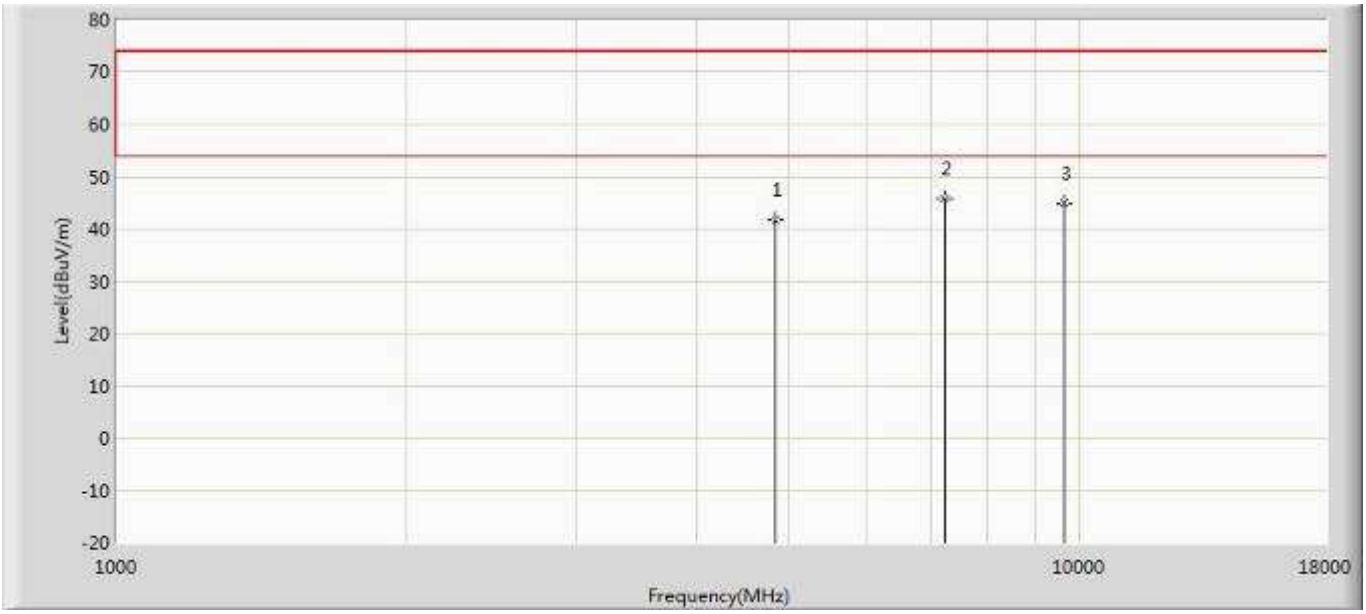
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.126	33.988	-34.874	74.000	5.137	PK
2		7386.000	42.381	34.471	-31.619	74.000	7.910	PK
3	*	9848.000	42.609	32.789	-31.391	74.000	9.820	PK

Profile: 1962097R	Page No.: 228
Engineer: Simon	
Site: AC5	Time: 2019/07/31 - 03:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b CDD	



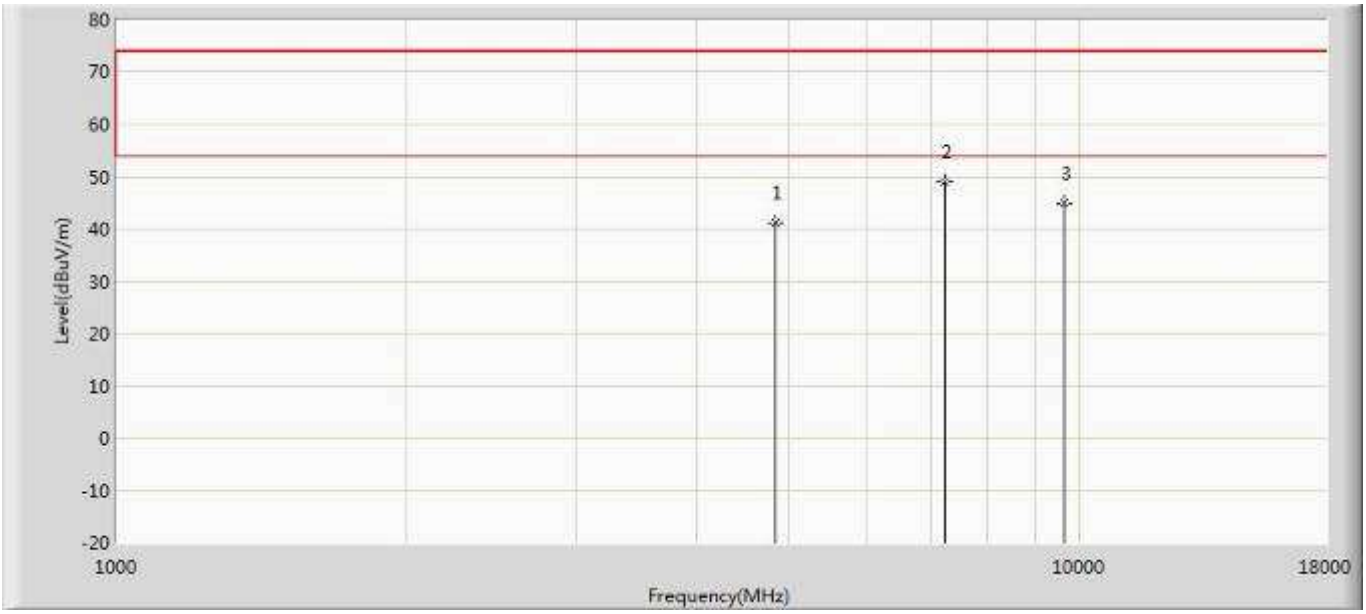
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.527	34.389	-34.473	74.000	5.137	PK
2	*	7386.000	44.640	36.730	-29.360	74.000	7.910	PK
3		9848.000	41.940	32.120	-32.060	74.000	9.820	PK

Profile: 1962097R	Page No.: 73
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g ANT 0	



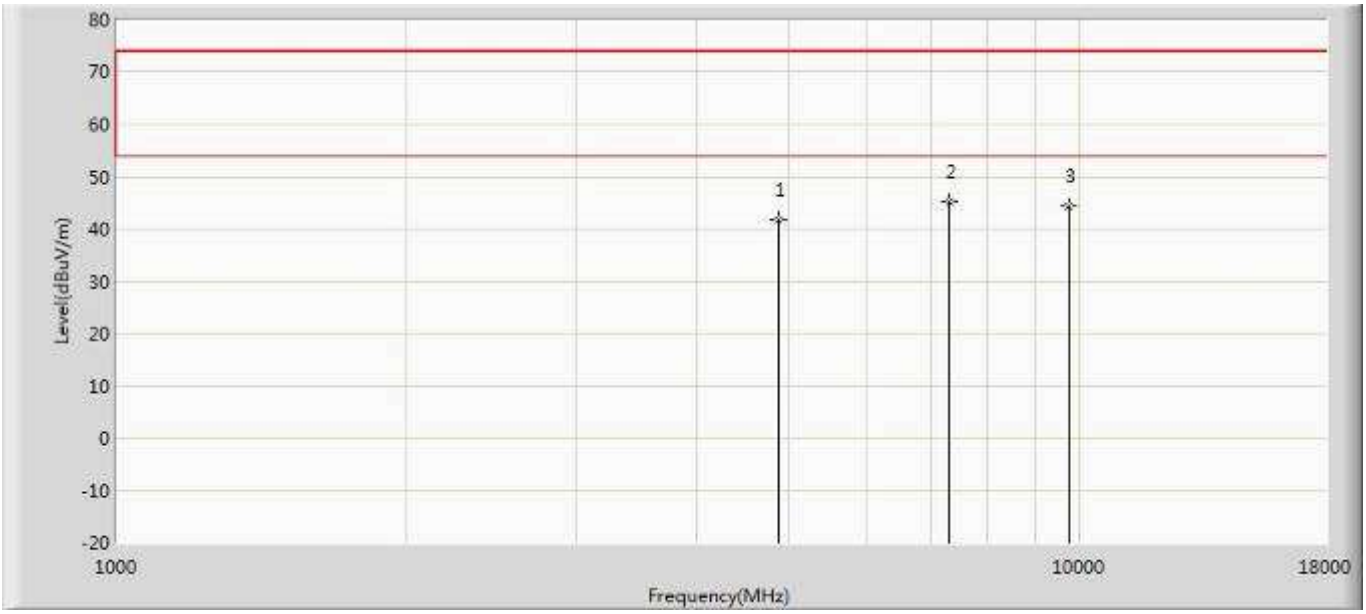
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.630	36.743	-32.370	74.000	4.887	PK
2	*	7236.000	45.674	37.819	-28.326	74.000	7.855	PK
3		9648.000	44.844	35.135	-29.156	74.000	9.709	PK

Profile: 1962097R	Page No.: 74
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g ANT 0	



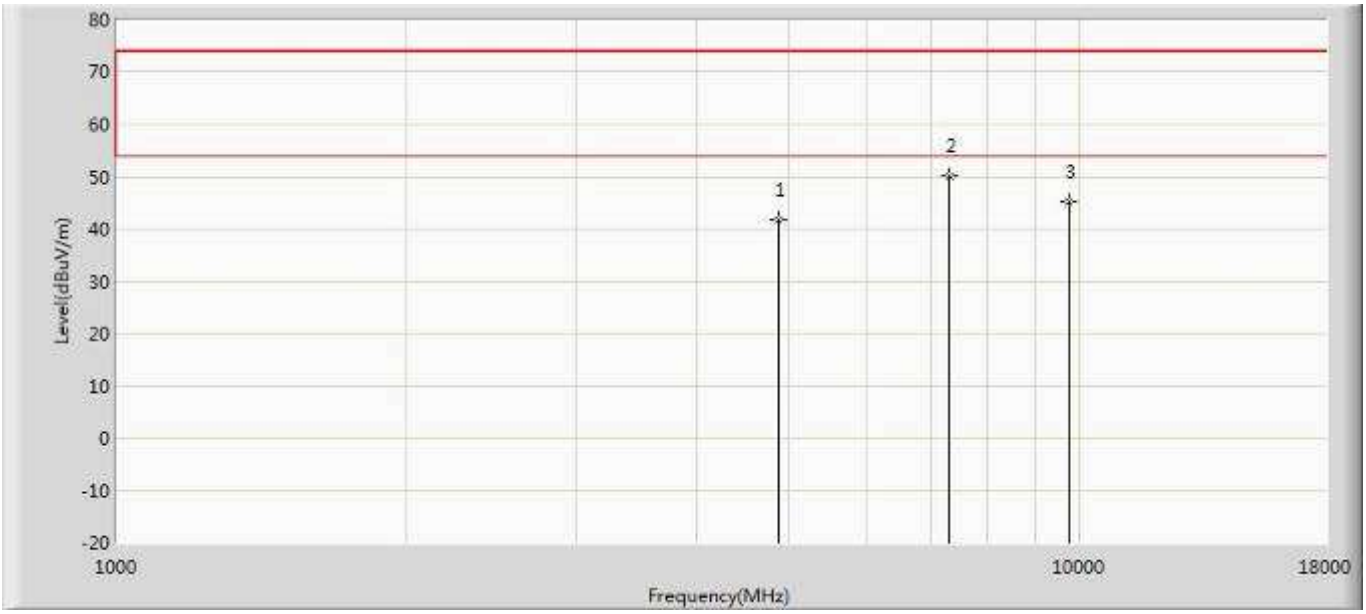
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.121	36.234	-32.879	74.000	4.887	PK
2	*	7236.000	49.082	41.227	-24.918	74.000	7.855	PK
3		9648.000	45.045	35.336	-28.955	74.000	9.709	PK

Profile: 1962097R	Page No.: 75
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g ANT 0	



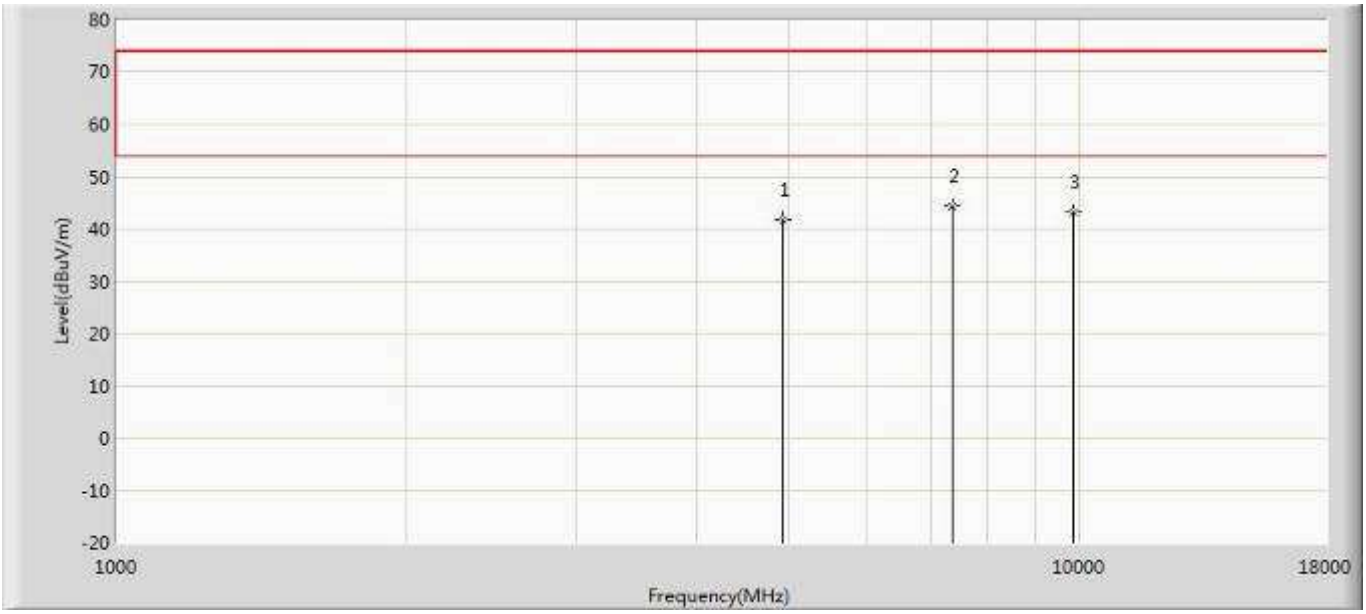
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.674	36.501	-32.326	74.000	5.173	PK
2	*	7311.000	45.327	37.588	-28.673	74.000	7.739	PK
3		9748.000	44.339	34.332	-29.661	74.000	10.007	PK

Profile: 1962097R	Page No.: 76
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g ANT 0	



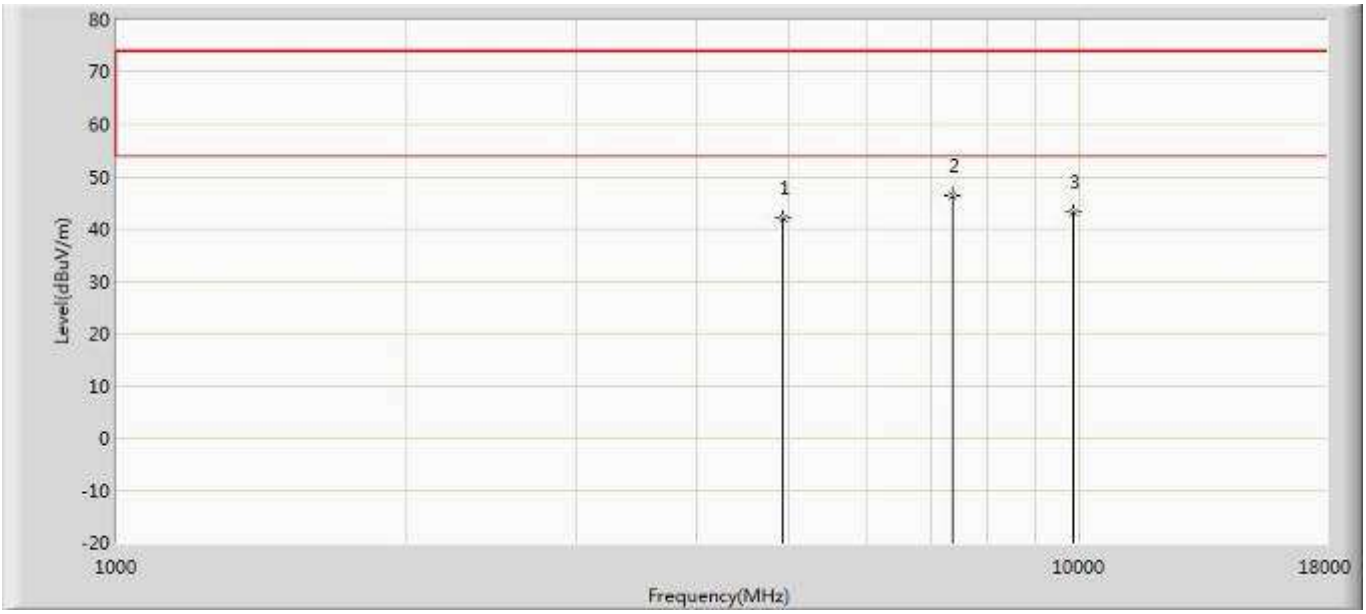
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.687	36.514	-32.313	74.000	5.173	PK
2	*	7311.000	50.264	42.525	-23.736	74.000	7.739	PK
3		9748.000	45.281	35.274	-28.719	74.000	10.007	PK

Profile: 1962097R	Page No.: 77
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g ANT 0	



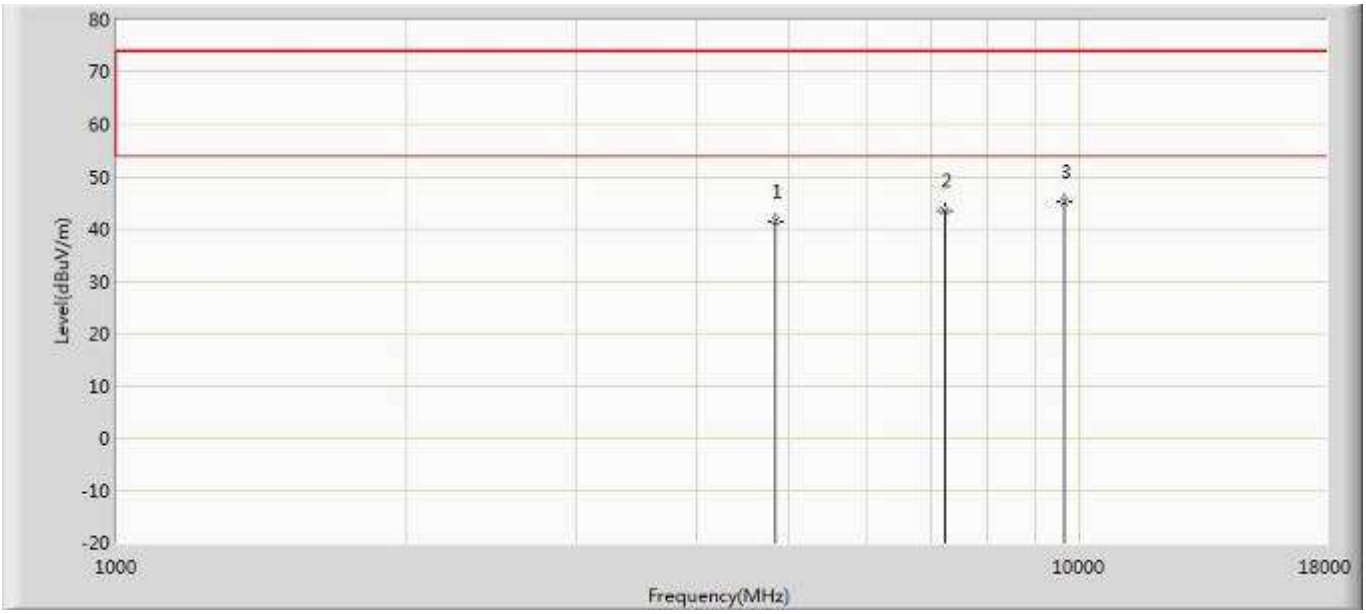
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.653	36.515	-32.347	74.000	5.137	PK
2	*	7386.000	44.459	36.549	-29.541	74.000	7.910	PK
3		9848.000	43.238	33.418	-30.762	74.000	9.820	PK

Profile: 1962097R	Page No.: 78
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g ANT 0	



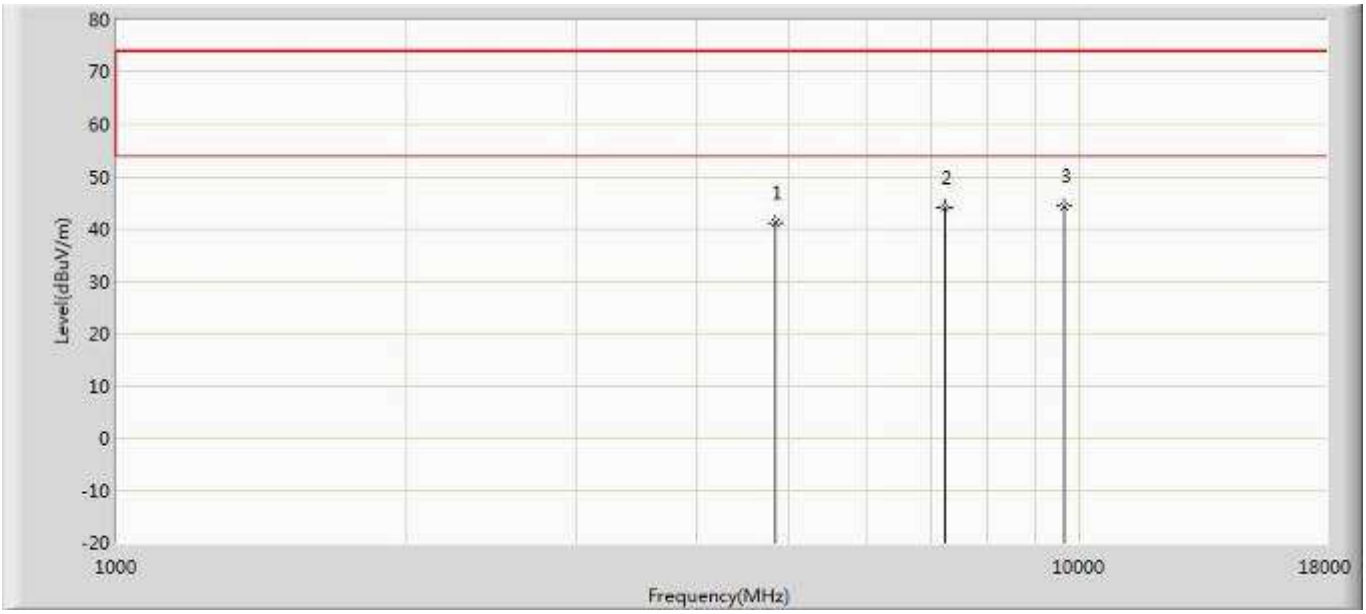
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.137	36.999	-31.863	74.000	5.137	PK
2	*	7386.000	46.313	38.403	-27.687	74.000	7.910	PK
3		9848.000	43.057	33.237	-30.943	74.000	9.820	PK

Profile: 1962097R	Page No.: 145
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g ANT 1	



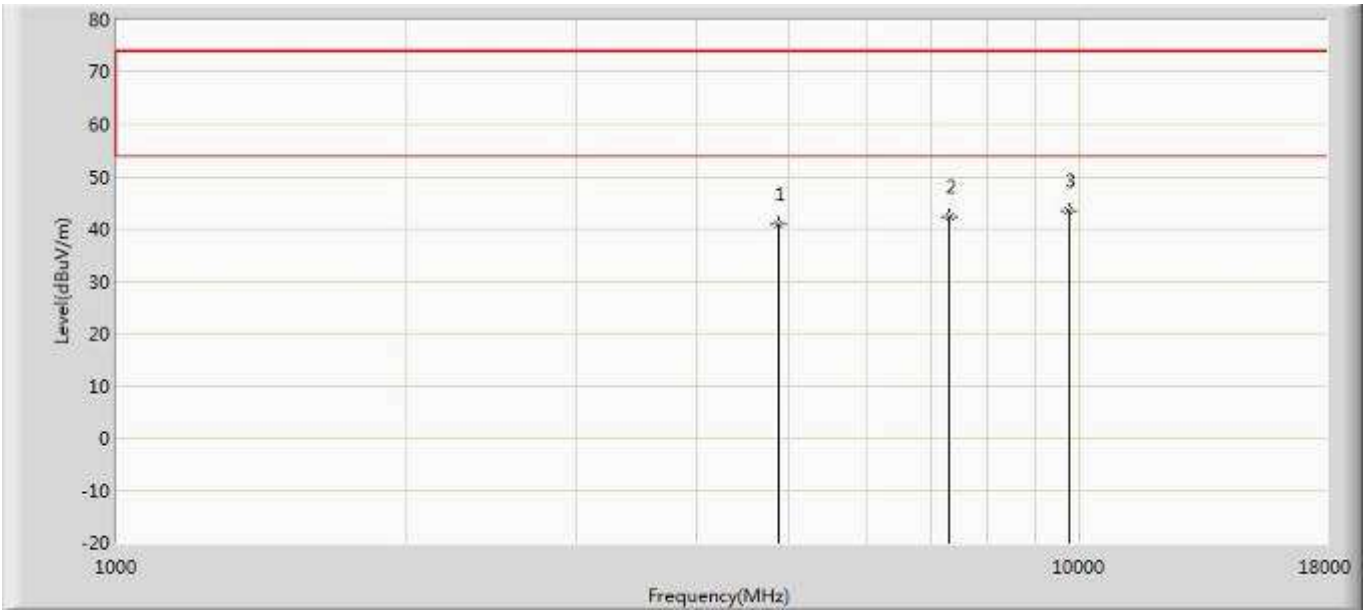
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.487	36.600	-32.513	74.000	4.887	PK
2		7236.000	43.432	35.577	-30.568	74.000	7.855	PK
3	*	9648.000	45.198	35.489	-28.802	74.000	9.709	PK

Profile: 1962097R	Page No.: 146
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g ANT 1	



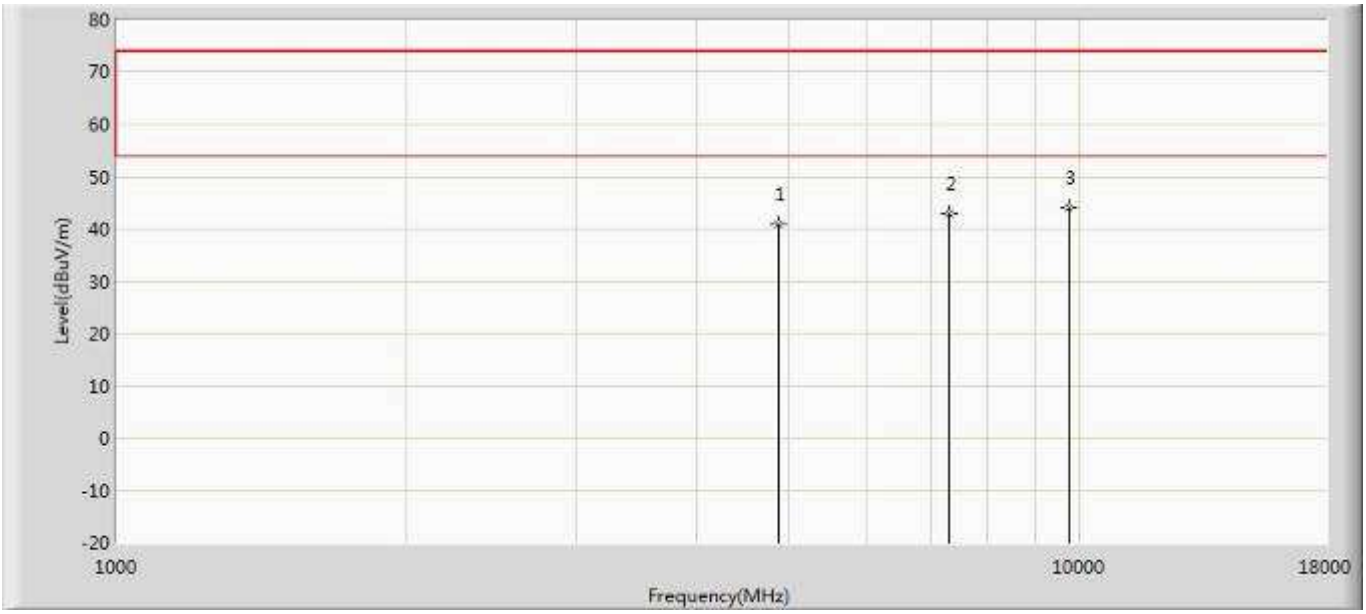
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.194	36.307	-32.806	74.000	4.887	PK
2		7236.000	44.066	36.211	-29.934	74.000	7.855	PK
3	*	9648.000	44.336	34.627	-29.664	74.000	9.709	PK

Profile: 1962097R	Page No.: 147
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g ANT 1	



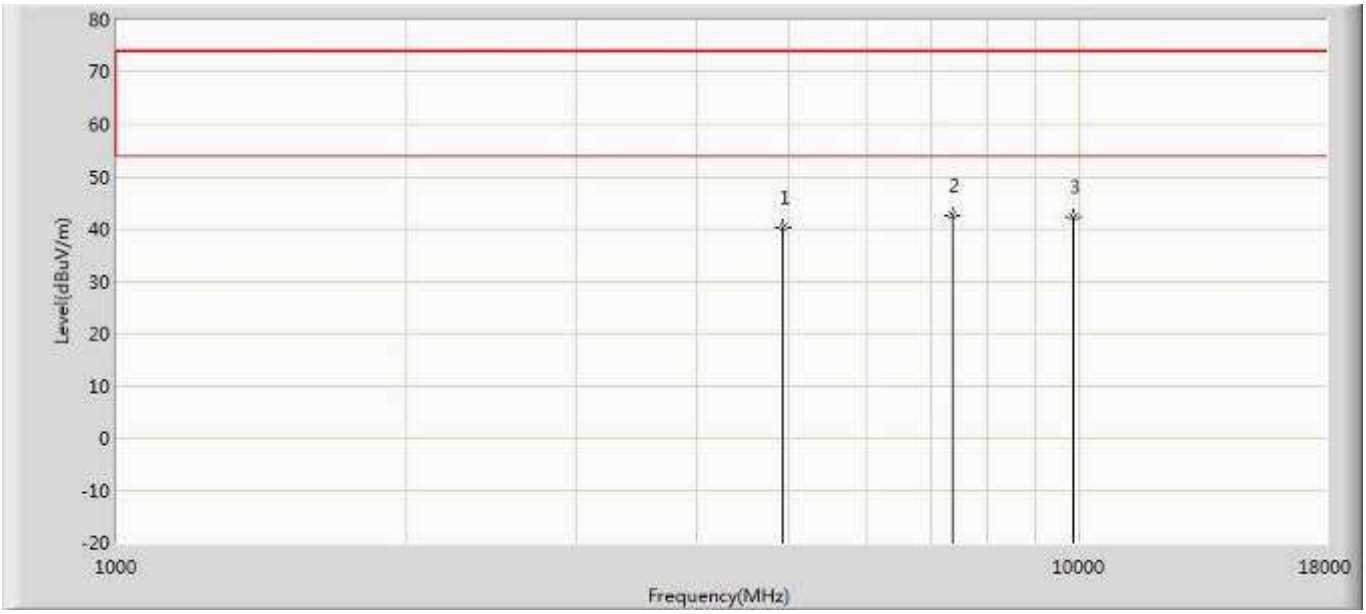
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.799	35.626	-33.201	74.000	5.173	PK
2		7311.000	42.457	34.718	-31.543	74.000	7.739	PK
3	*	9748.000	43.573	33.566	-30.427	74.000	10.007	PK

Profile: 1962097R	Page No.: 148
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g ANT 1	



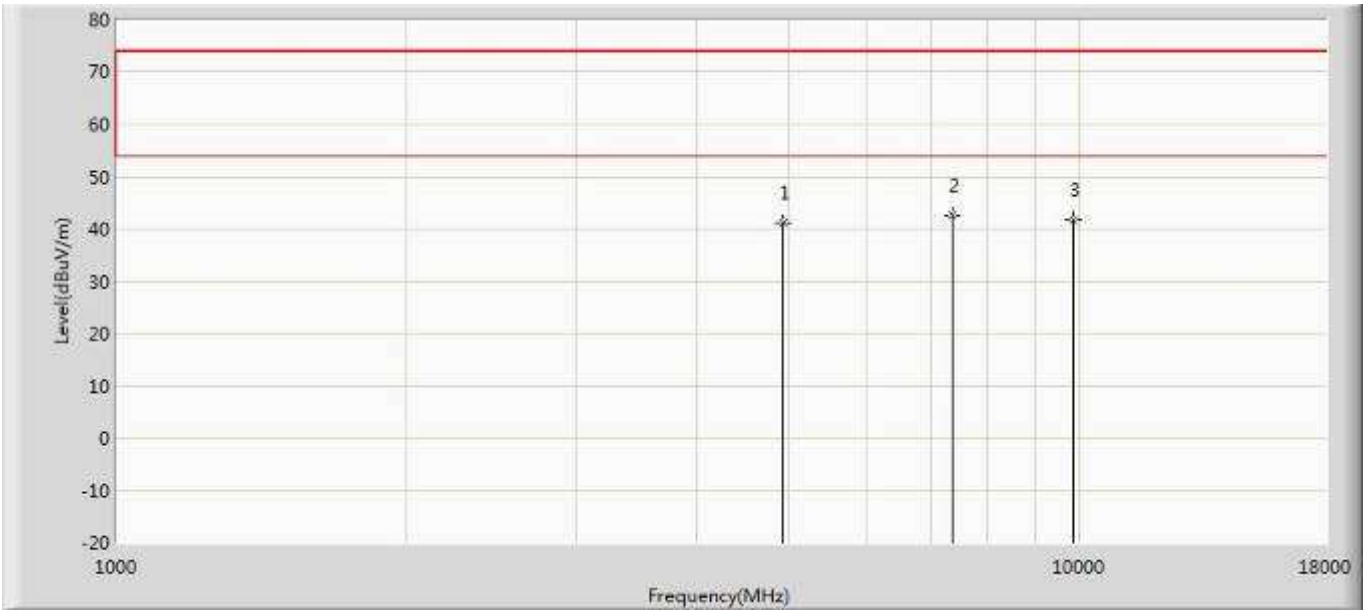
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.946	35.773	-33.054	74.000	5.173	PK
2		7311.000	42.886	35.147	-31.114	74.000	7.739	PK
3	*	9748.000	44.164	34.157	-29.836	74.000	10.007	PK

Profile: 1962097R	Page No.: 149
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g ANT 1	



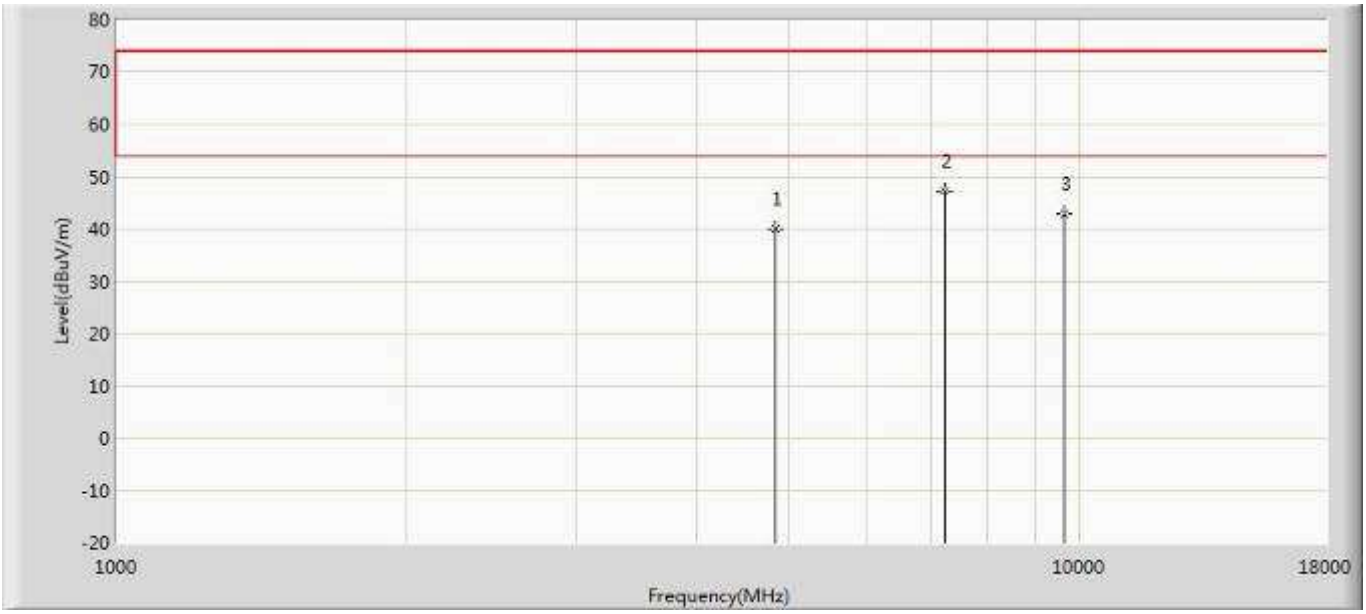
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.247	35.109	-33.753	74.000	5.137	PK
2	*	7386.000	42.742	34.832	-31.258	74.000	7.910	PK
3		9848.000	42.446	32.626	-31.554	74.000	9.820	PK

Profile: 1962097R	Page No.: 150
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g ANT 1	



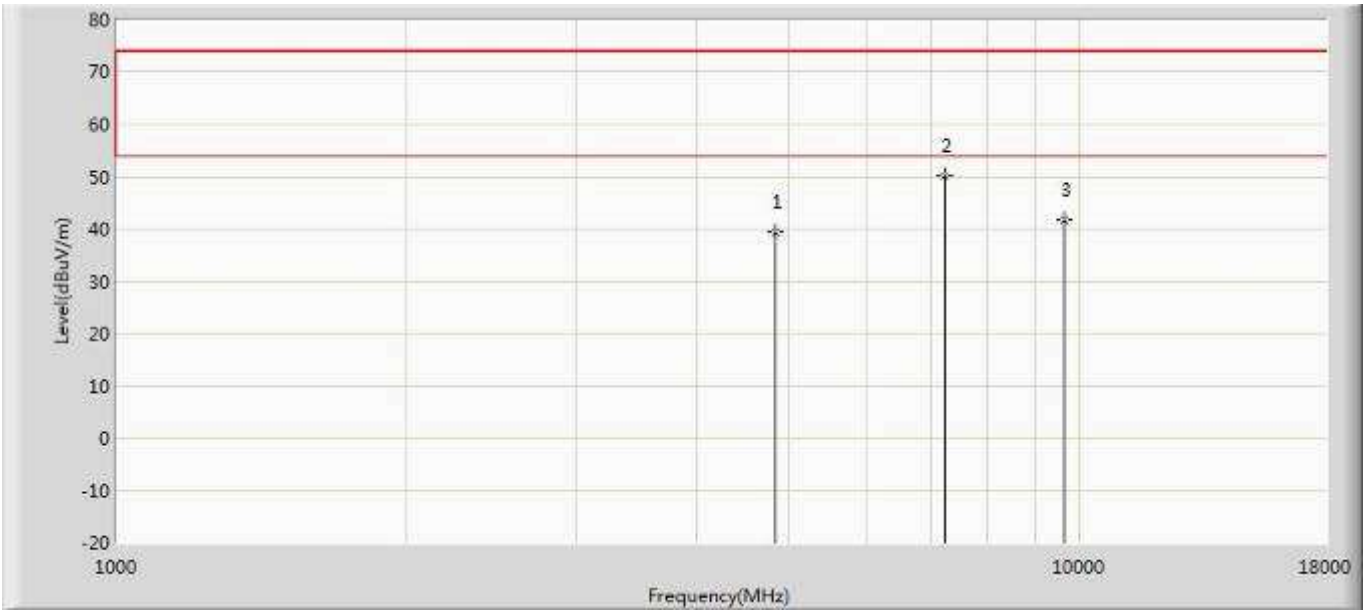
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.230	36.092	-32.770	74.000	5.137	PK
2	*	7386.000	42.692	34.782	-31.308	74.000	7.910	PK
3		9848.000	41.675	31.855	-32.325	74.000	9.820	PK

Profile: 1962097R	Page No.: 151
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g CDD	



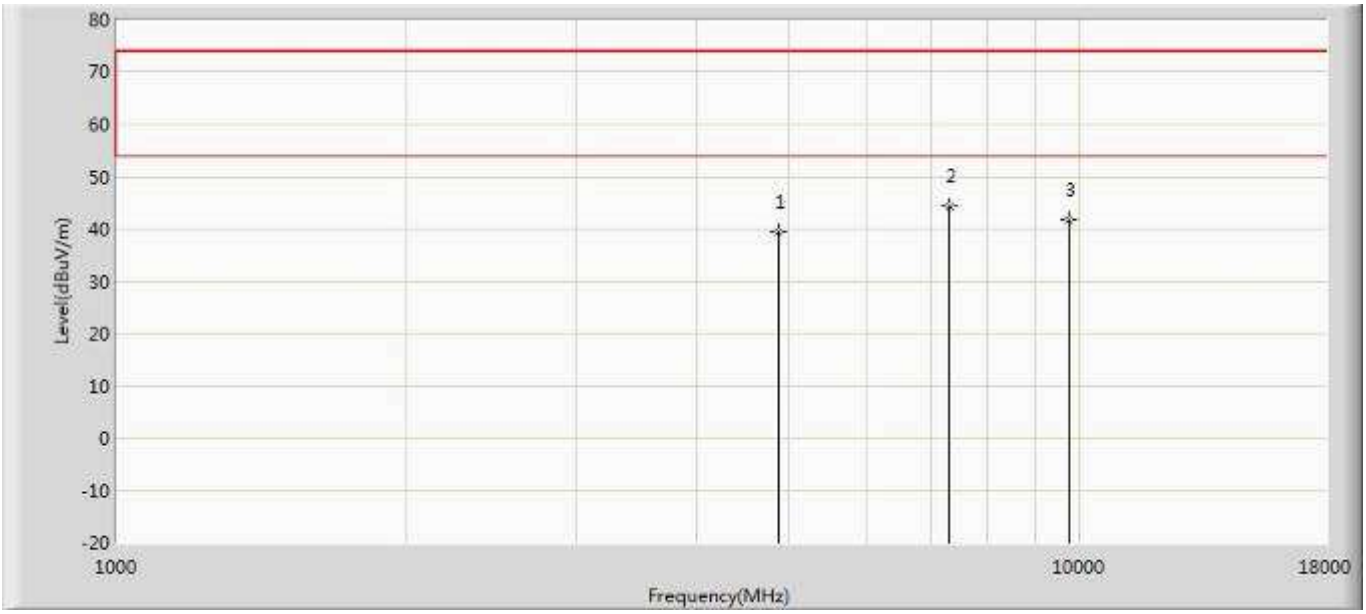
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.871	34.984	-34.129	74.000	4.887	PK
2	*	7236.000	47.189	39.334	-26.811	74.000	7.855	PK
3		9648.000	42.913	33.204	-31.087	74.000	9.709	PK

Profile: 1962097R	Page No.: 152
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g CDD	



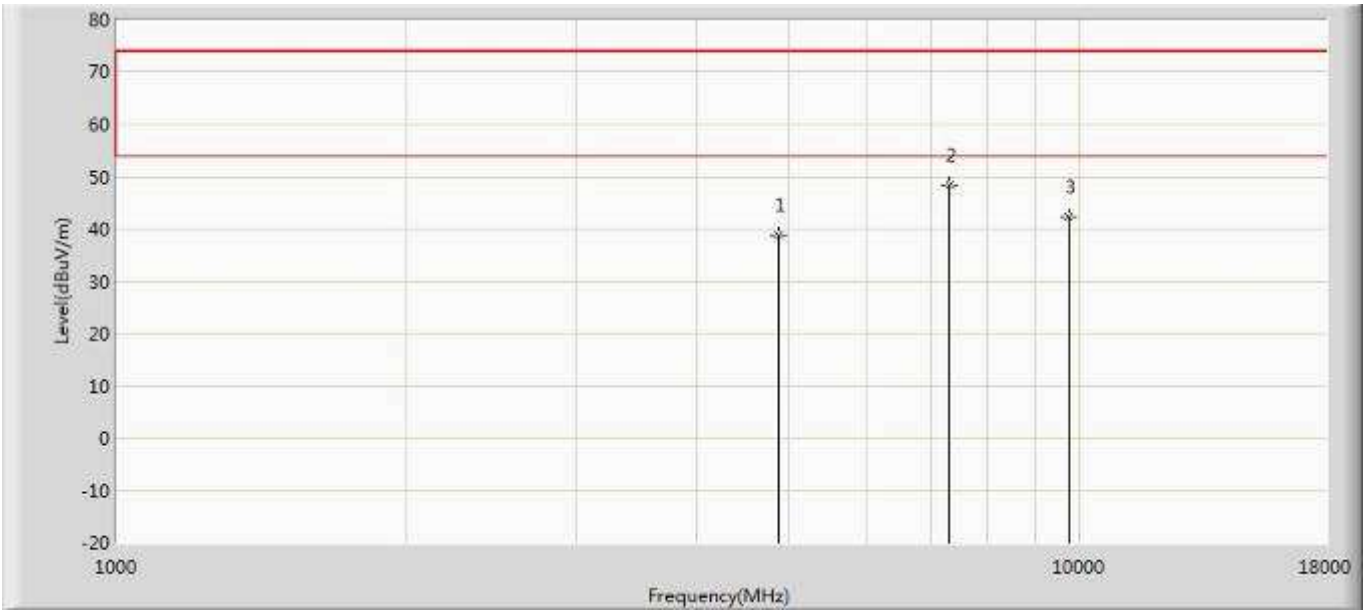
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.544	34.657	-34.456	74.000	4.887	PK
2	*	7236.000	50.148	42.293	-23.852	74.000	7.855	PK
3		9648.000	41.755	32.046	-32.245	74.000	9.709	PK

Profile: 1962097R	Page No.: 153
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g CDD	



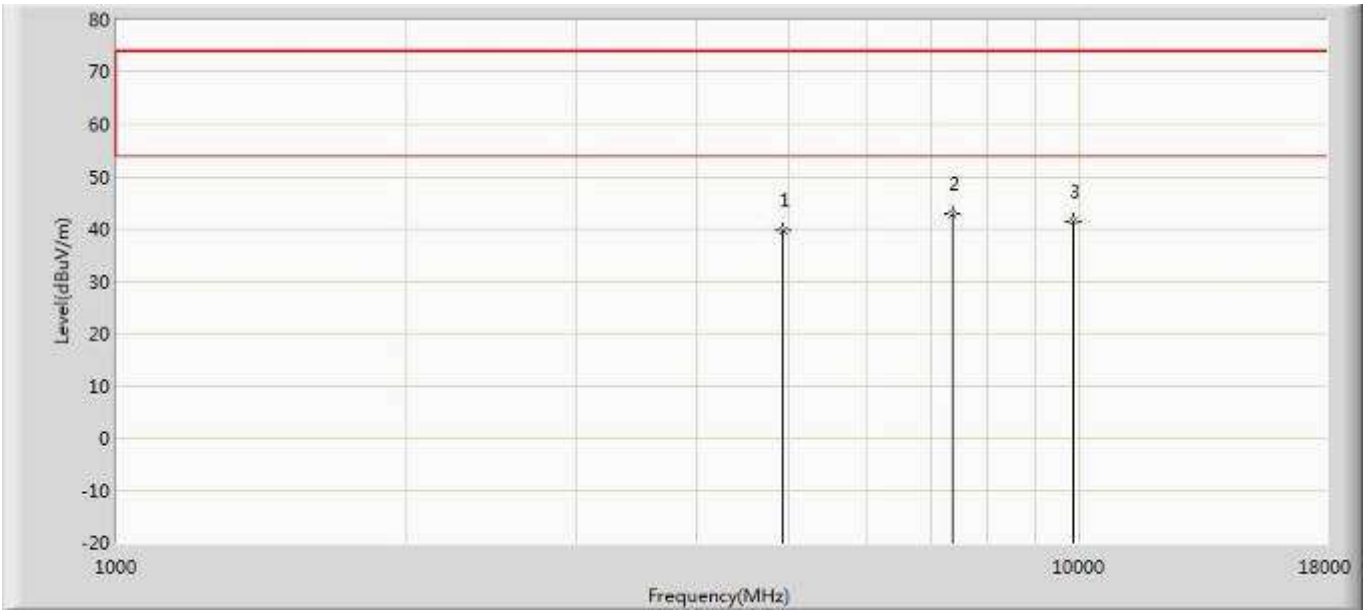
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.503	34.330	-34.497	74.000	5.173	PK
2	*	7311.000	44.236	36.497	-29.764	74.000	7.739	PK
3		9748.000	41.624	31.617	-32.376	74.000	10.007	PK

Profile: 1962097R	Page No.: 154
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g CDD	



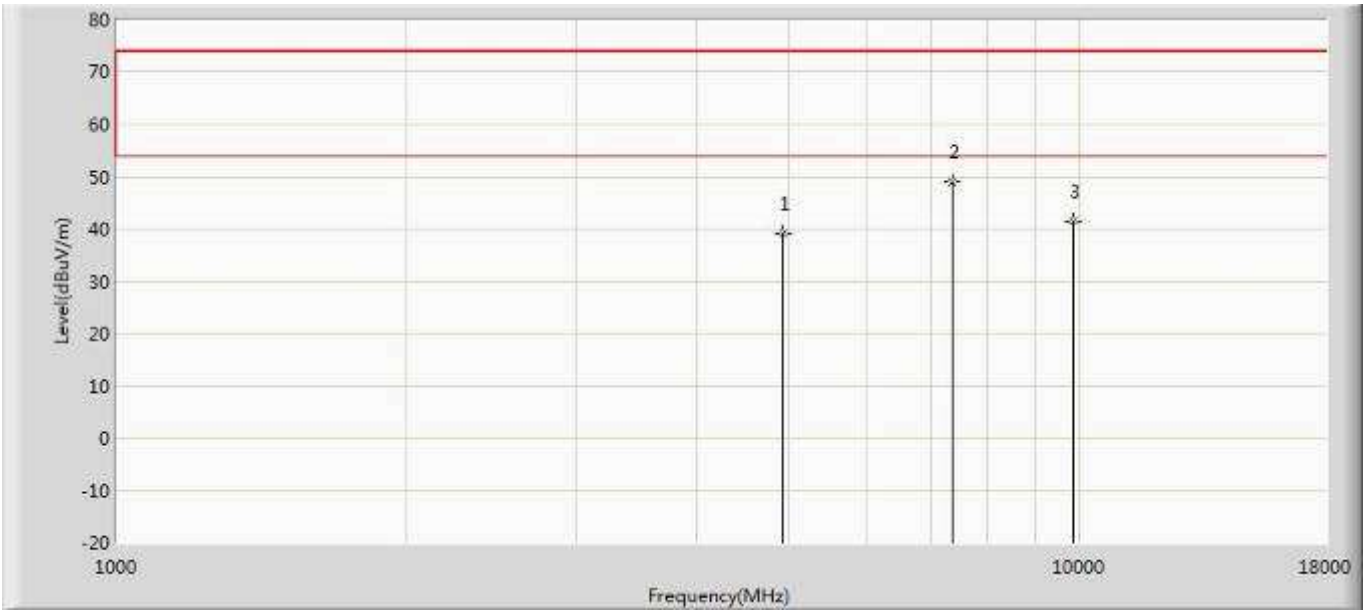
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.895	33.722	-35.105	74.000	5.173	PK
2	*	7311.000	48.378	40.639	-25.622	74.000	7.739	PK
3		9748.000	42.285	32.278	-31.715	74.000	10.007	PK

Profile: 1962097R	Page No.: 155
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g CDD	



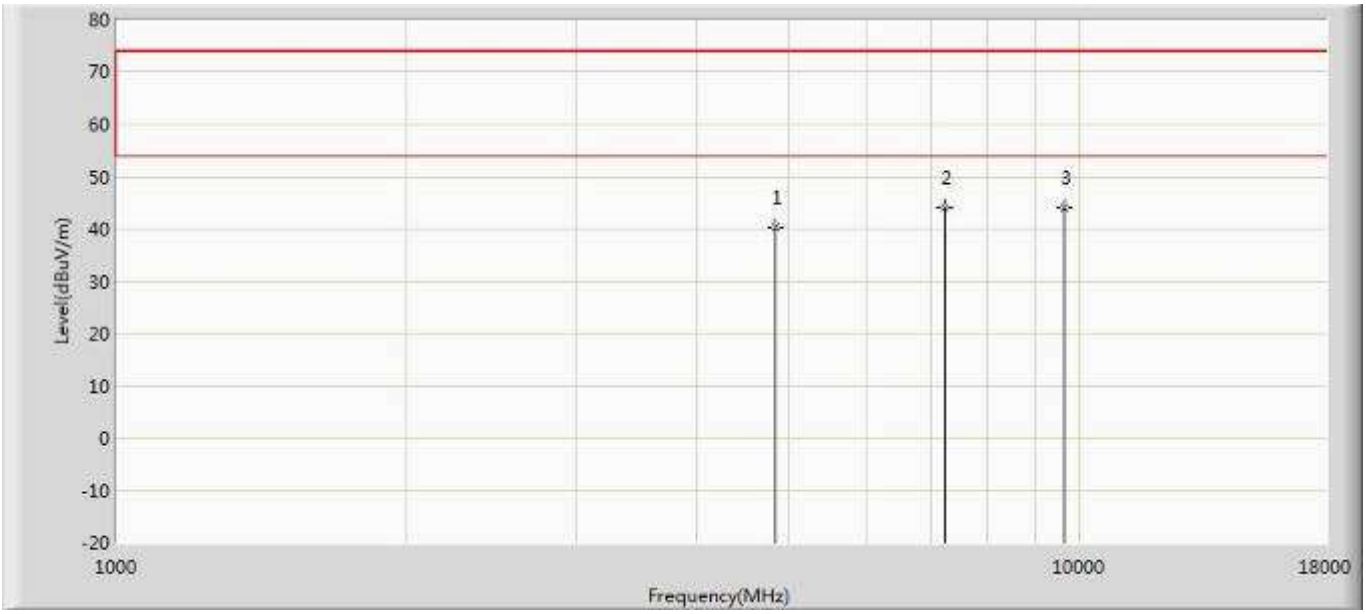
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.804	34.666	-34.196	74.000	5.137	PK
2	*	7386.000	42.842	34.932	-31.158	74.000	7.910	PK
3		9848.000	41.567	31.747	-32.433	74.000	9.820	PK

Profile: 1962097R	Page No.: 156
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g CDD	



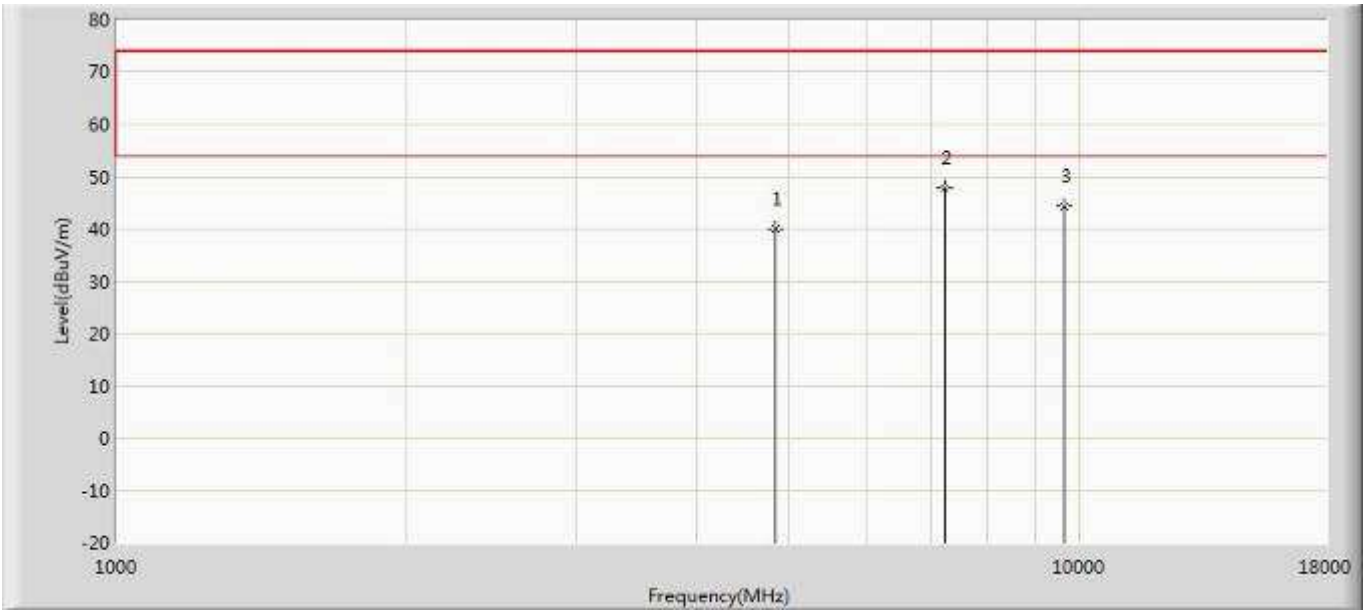
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.080	33.942	-34.920	74.000	5.137	PK
2	*	7386.000	49.087	41.177	-24.913	74.000	7.910	PK
3		9848.000	41.343	31.523	-32.657	74.000	9.820	PK

Profile: 1962097R	Page No.: 85
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) ANT 0	



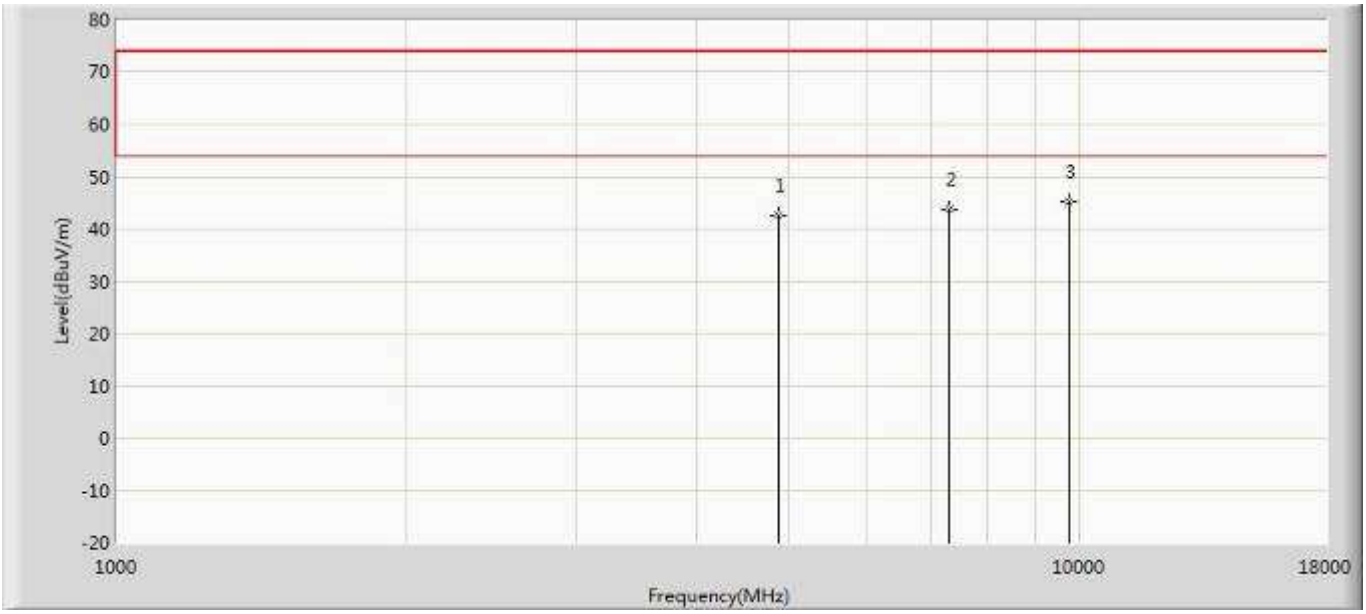
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.427	35.540	-33.573	74.000	4.887	PK
2	*	7236.000	44.163	36.308	-29.837	74.000	7.855	PK
3		9648.000	44.023	34.314	-29.977	74.000	9.709	PK

Profile: 1962097R	Page No.: 86
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) ANT 0	



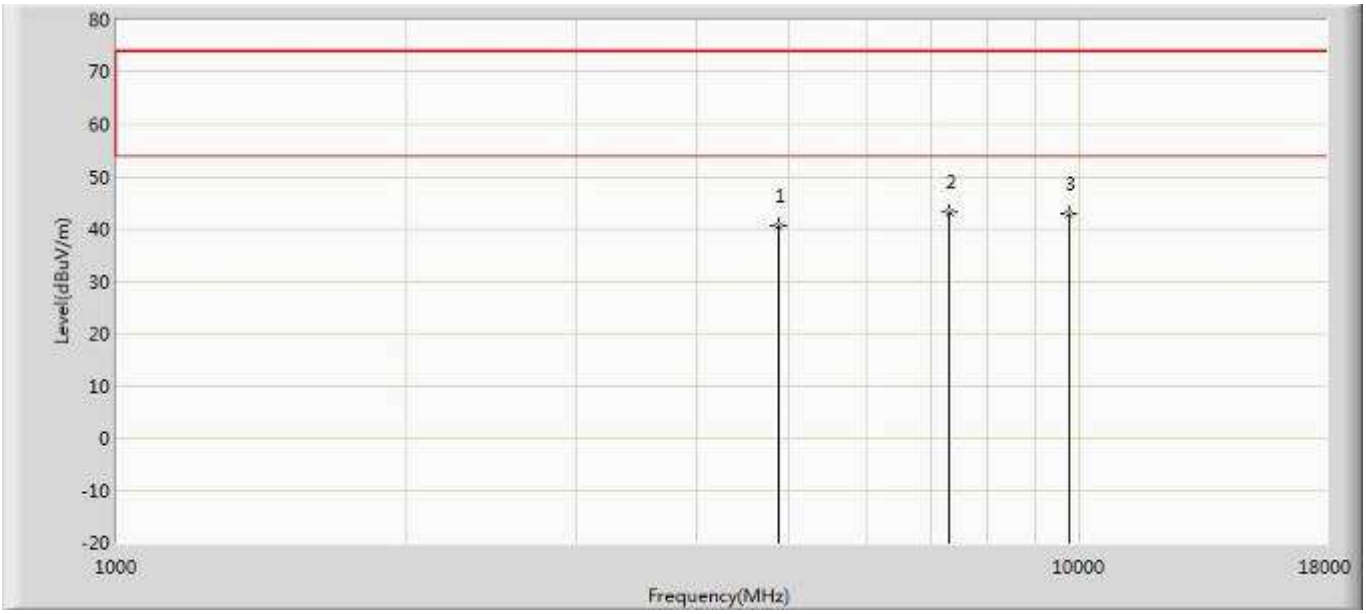
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.964	35.077	-34.036	74.000	4.887	PK
2	*	7236.000	47.935	40.080	-26.065	74.000	7.855	PK
3		9648.000	44.318	34.609	-29.682	74.000	9.709	PK

Profile: 1962097R	Page No.: 87
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) ANT 0	



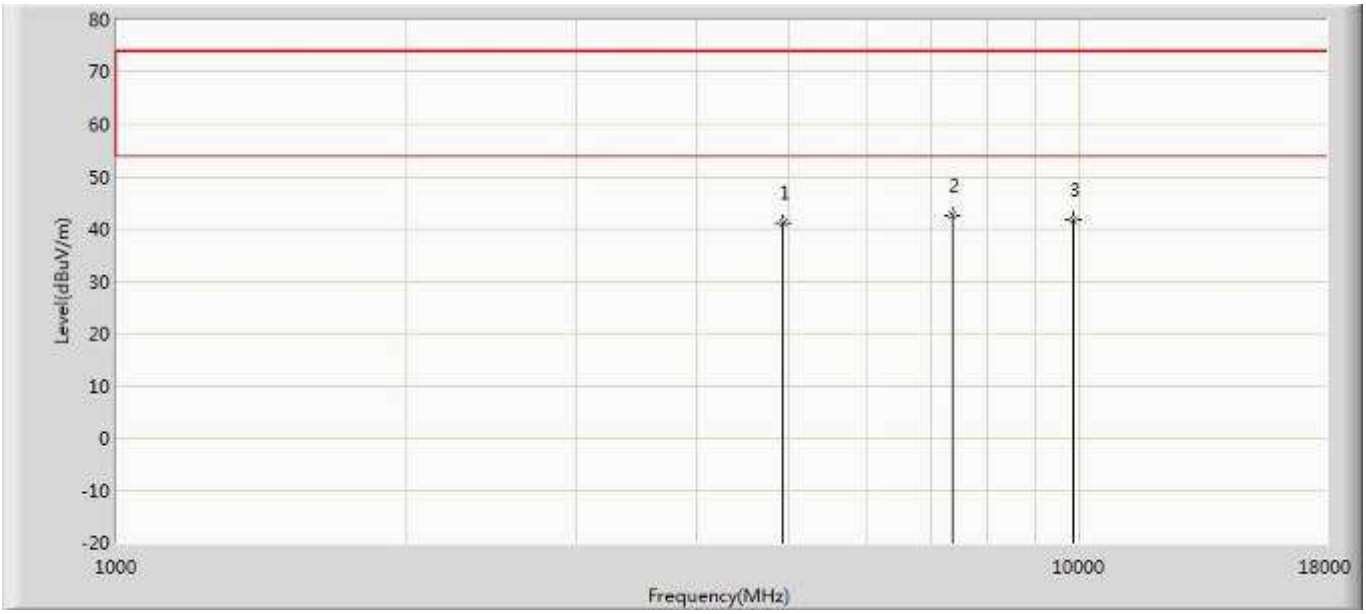
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.525	37.352	-31.475	74.000	5.173	PK
2		7311.000	43.624	35.885	-30.376	74.000	7.739	PK
3	*	9748.000	45.331	35.324	-28.669	74.000	10.007	PK

Profile: 1962097R	Page No.: 88
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n（20MHz）ANT 0	



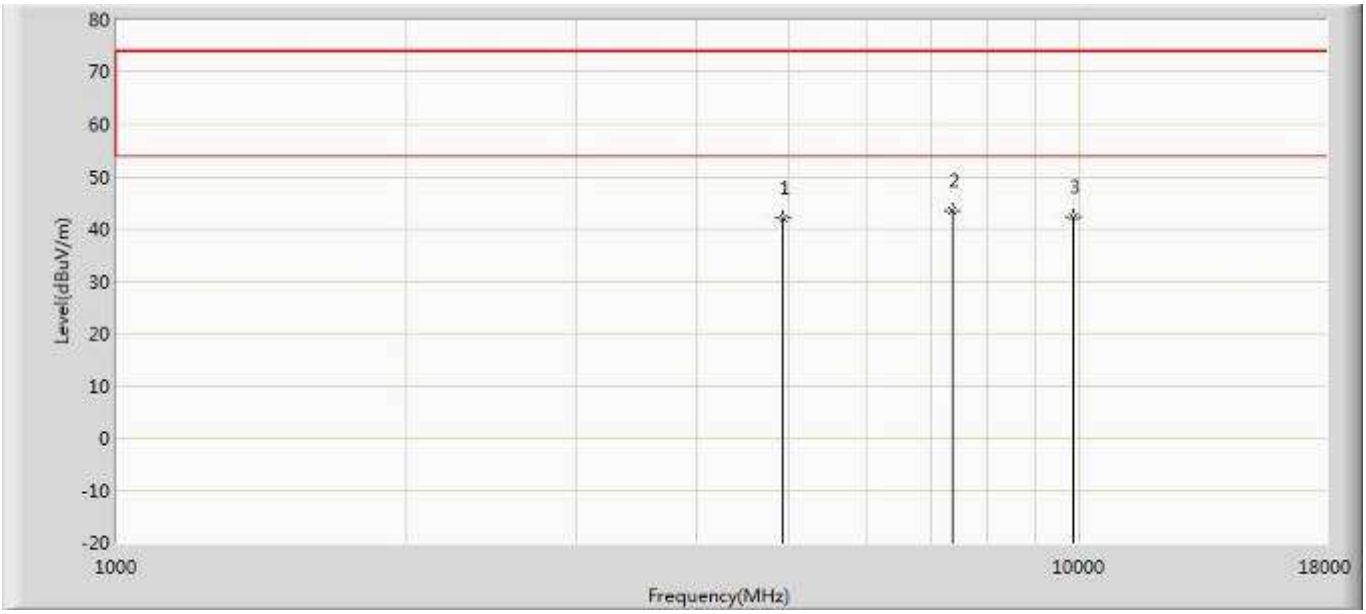
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.514	35.341	-33.486	74.000	5.173	PK
2	*	7311.000	43.134	35.395	-30.866	74.000	7.739	PK
3		9748.000	42.904	32.897	-31.096	74.000	10.007	PK

Profile: 1962097R	Page No.: 89
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) ANT 0	



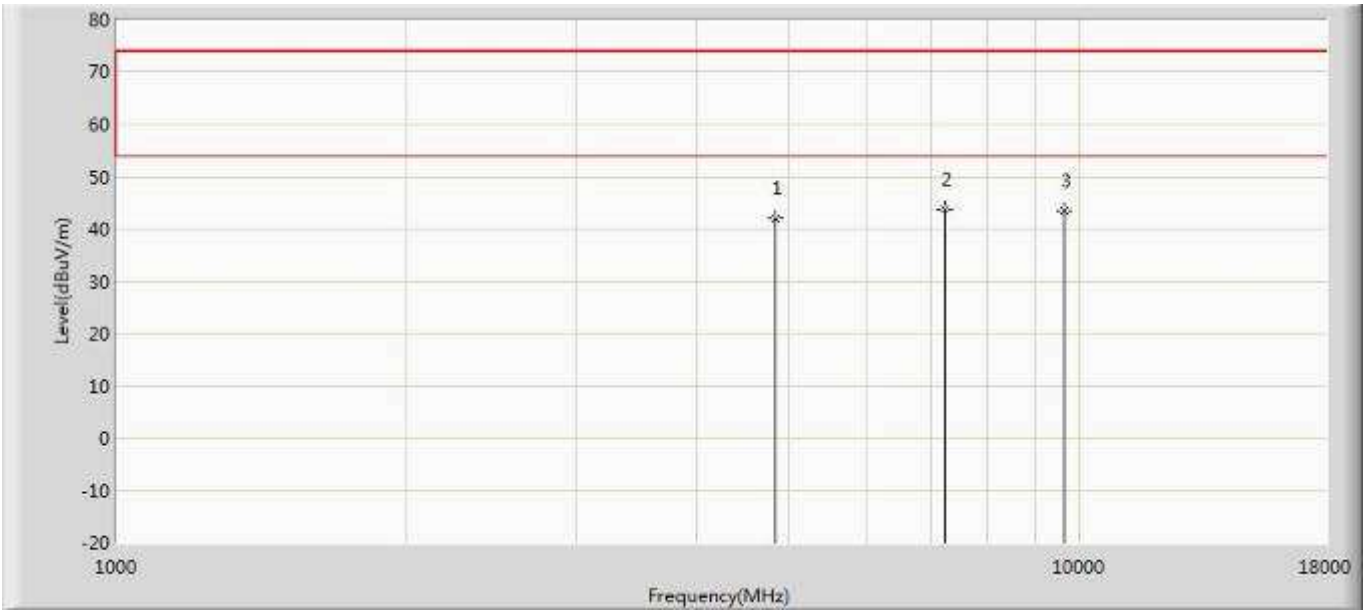
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.246	36.108	-32.754	74.000	5.137	PK
2	*	7386.000	42.687	34.777	-31.313	74.000	7.910	PK
3		9848.000	41.675	31.855	-32.325	74.000	9.820	PK

Profile: 1962097R	Page No.: 90
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) ANT 0	



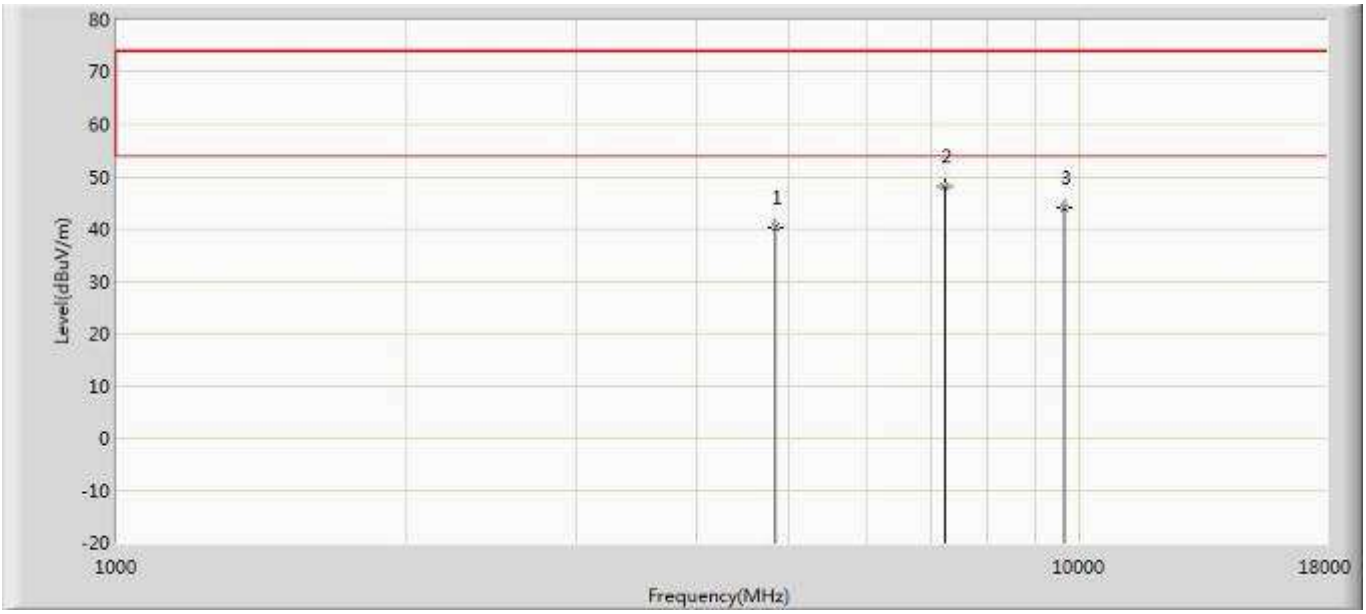
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.151	37.013	-31.849	74.000	5.137	PK
2	*	7386.000	43.562	35.652	-30.438	74.000	7.910	PK
3		9848.000	42.404	32.584	-31.596	74.000	9.820	PK

Profile: 1962097R	Page No.: 157
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n（20MHz）ANT 1	



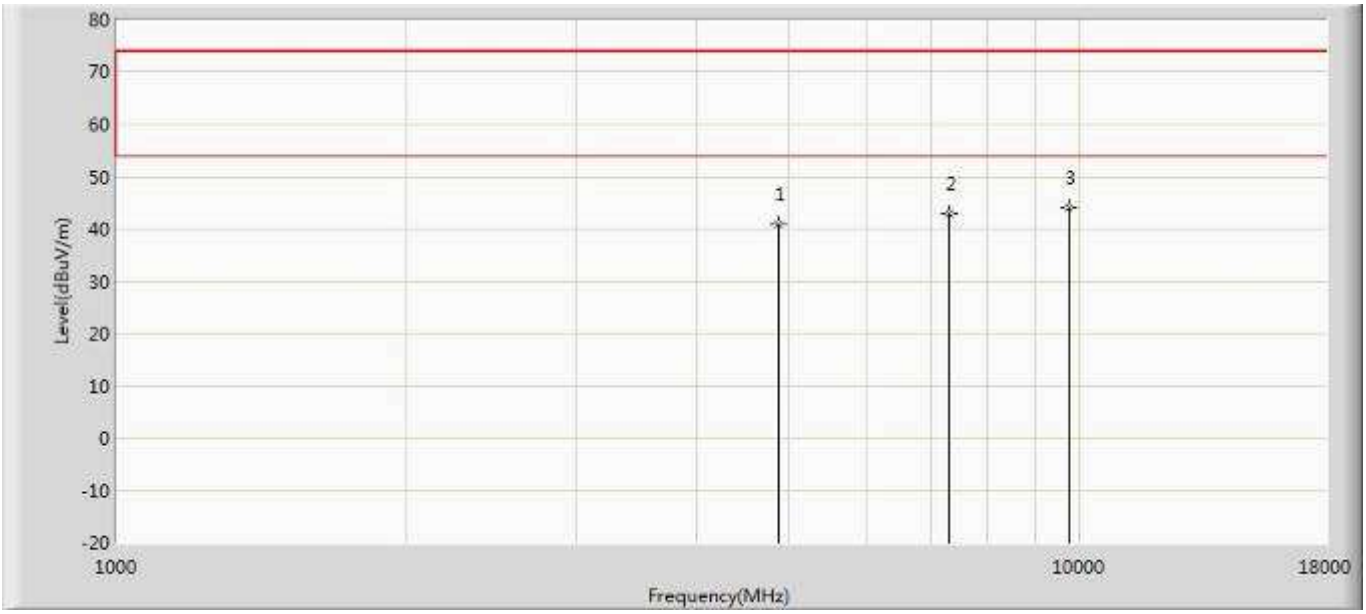
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.968	37.081	-32.032	74.000	4.887	PK
2	*	7236.000	43.731	35.876	-30.269	74.000	7.855	PK
3		9648.000	43.599	33.890	-30.401	74.000	9.709	PK

Profile: 1962097R	Page No.: 158
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) ANT 1	



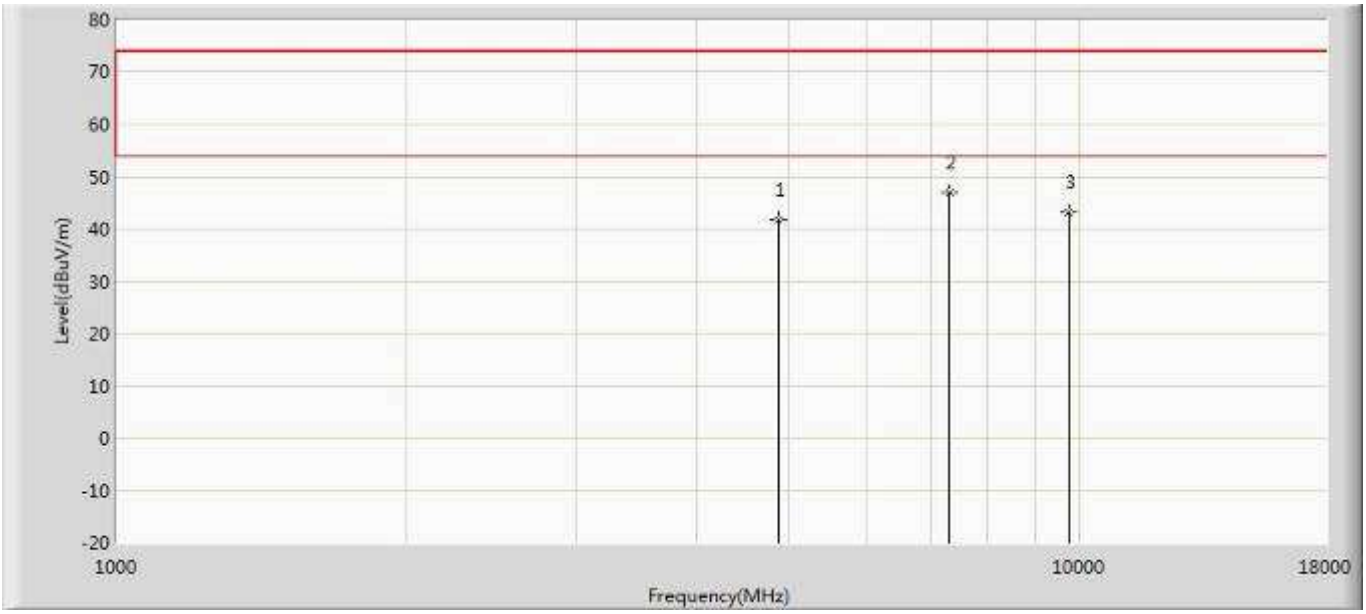
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.213	35.326	-33.787	74.000	4.887	PK
2	*	7236.000	48.162	40.307	-25.838	74.000	7.855	PK
3		9648.000	44.158	34.449	-29.842	74.000	9.709	PK

Profile: 1962097R	Page No.: 159
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) ANT 1	



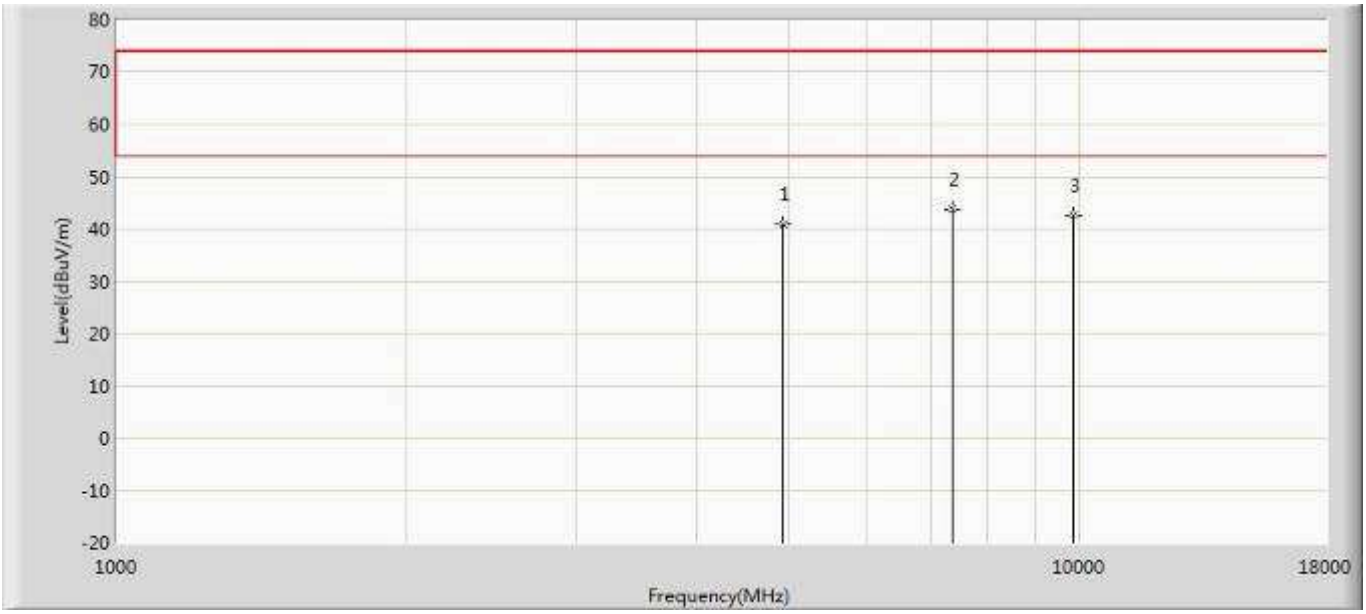
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.788	35.615	-33.212	74.000	5.173	PK
2		7311.000	42.992	35.253	-31.008	74.000	7.739	PK
3	*	9748.000	43.937	33.930	-30.063	74.000	10.007	PK

Profile: 1962097R	Page No.: 160
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) ANT 1	



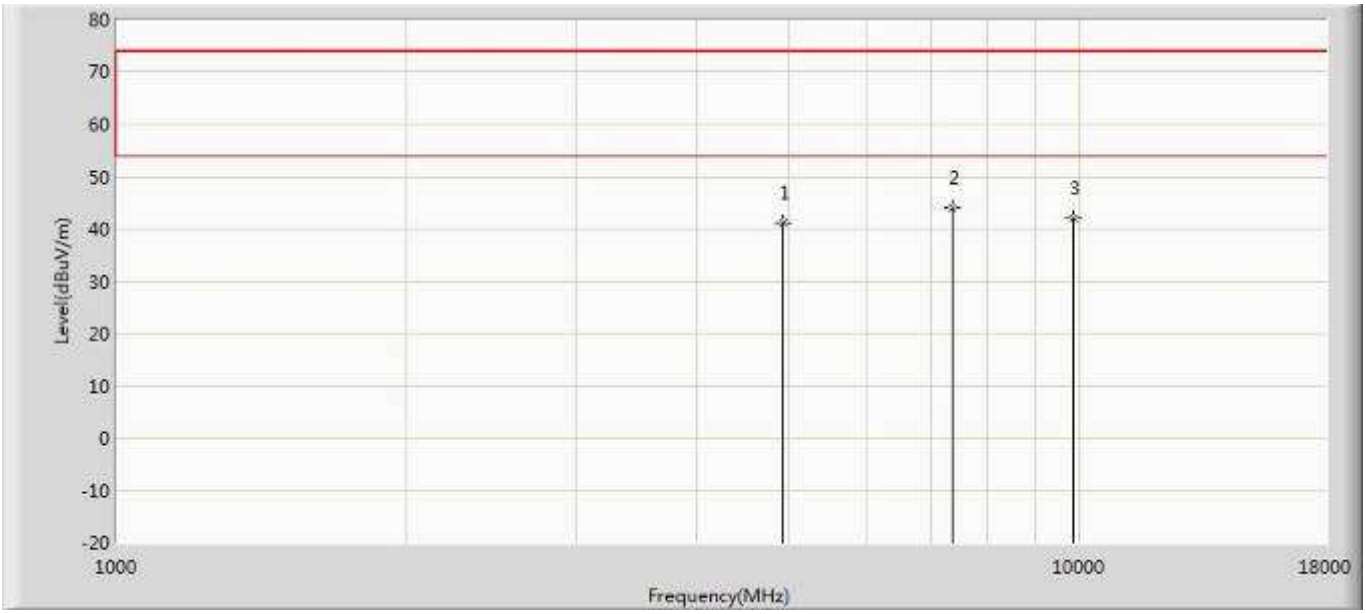
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.675	36.502	-32.325	74.000	5.173	PK
2	*	7311.000	46.838	39.099	-27.162	74.000	7.739	PK
3		9748.000	43.249	33.242	-30.751	74.000	10.007	PK

Profile: 1962097R	Page No.: 161
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) ANT 1	



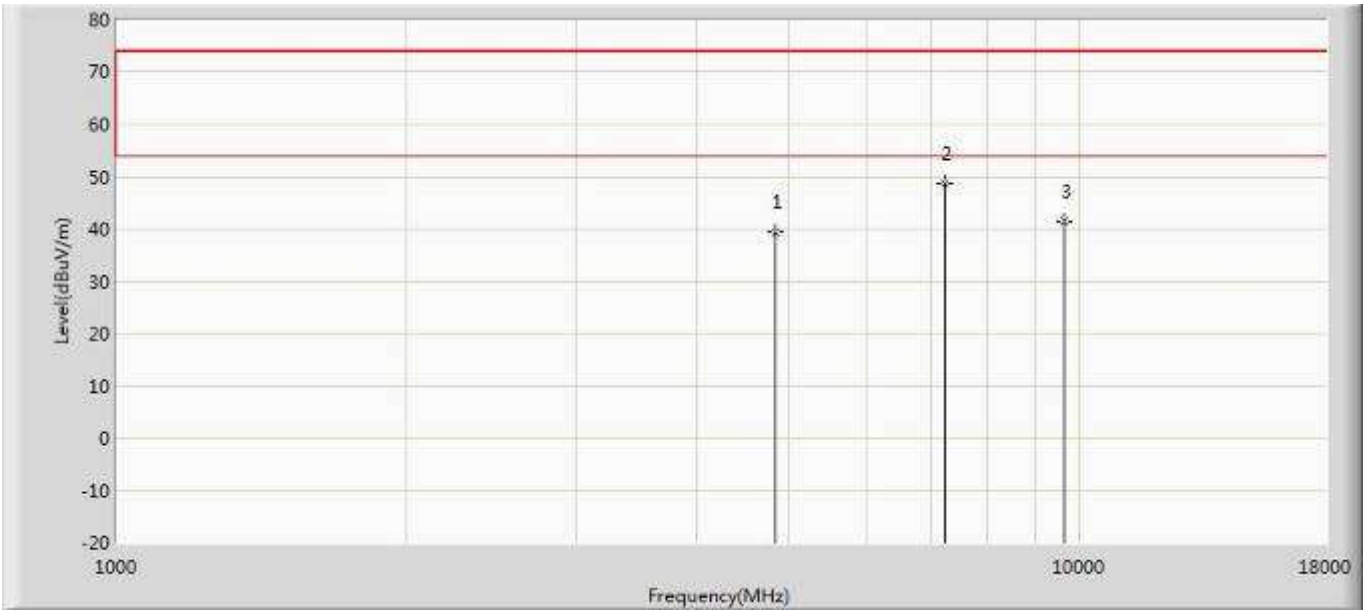
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.835	35.697	-33.165	74.000	5.137	PK
2	*	7386.000	43.649	35.739	-30.351	74.000	7.910	PK
3		9848.000	42.631	32.811	-31.369	74.000	9.820	PK

Profile: 1962097R	Page No.: 162
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) ANT 1	



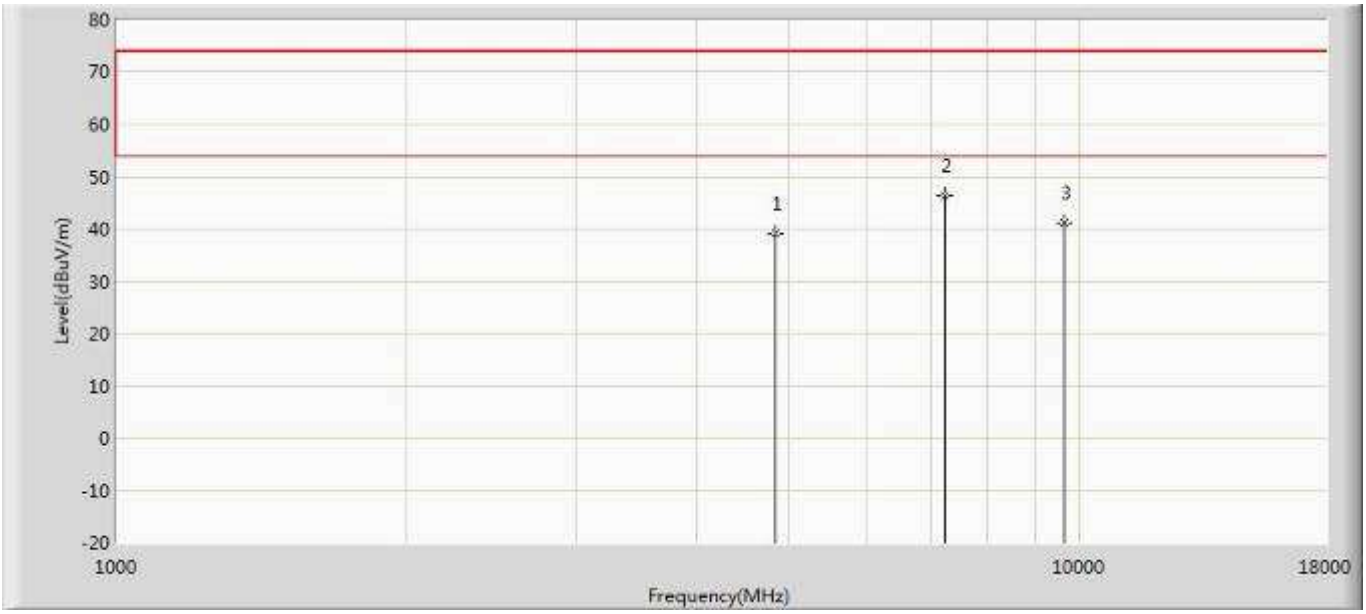
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.244	36.106	-32.756	74.000	5.137	PK
2	*	7386.000	44.046	36.136	-29.954	74.000	7.910	PK
3		9848.000	42.003	32.183	-31.997	74.000	9.820	PK

Profile: 1962097R	Page No.: 163
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) CDD	



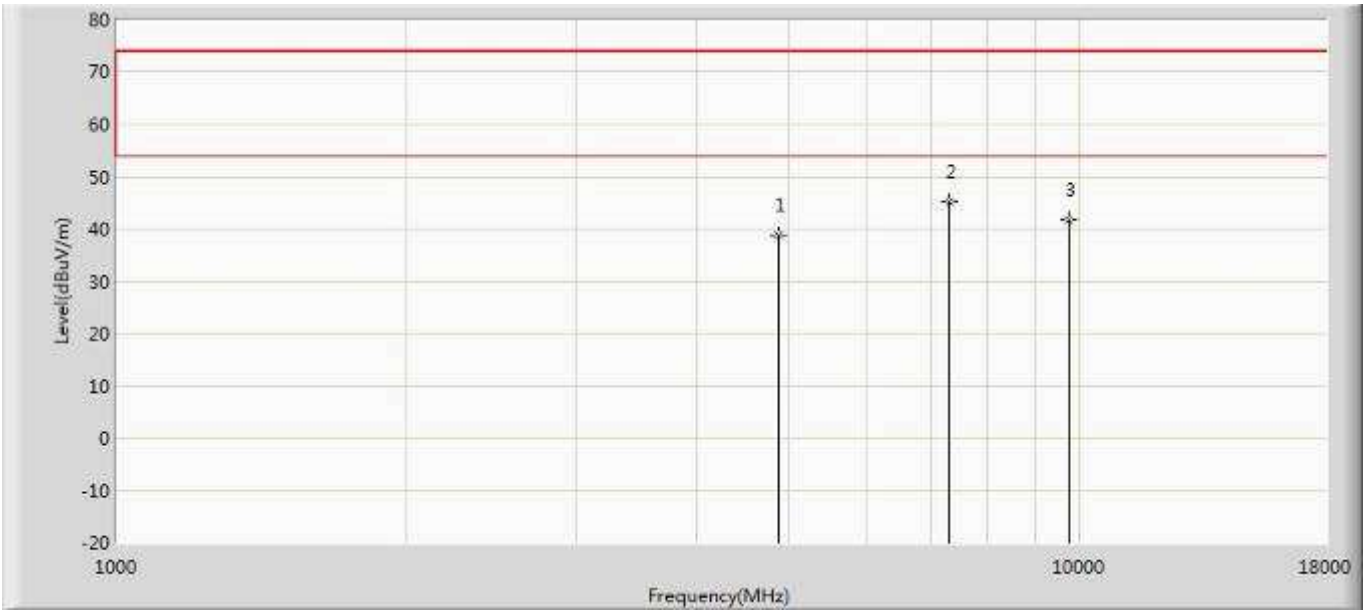
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.404	34.517	-34.596	74.000	4.887	PK
2	*	7236.000	48.793	40.938	-25.207	74.000	7.855	PK
3		9648.000	41.540	31.831	-32.460	74.000	9.709	PK

Profile: 1962097R	Page No.: 164
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) CDD	



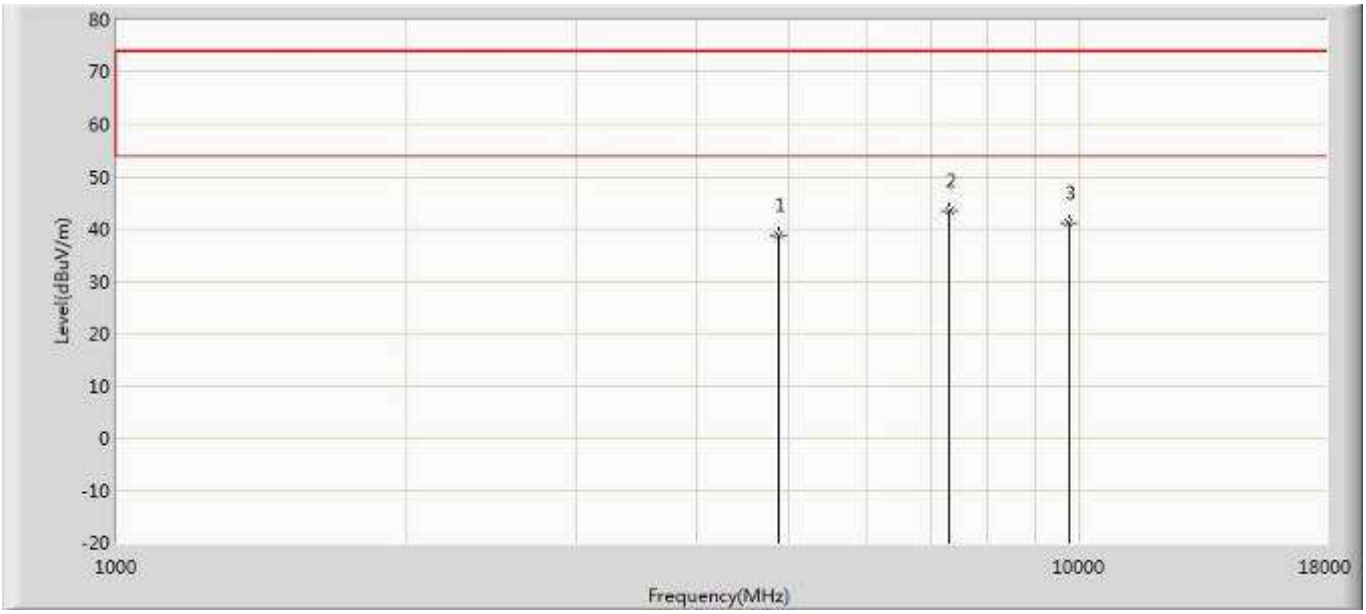
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.002	34.115	-34.998	74.000	4.887	PK
2	*	7236.000	46.266	38.411	-27.734	74.000	7.855	PK
3		9648.000	41.229	31.520	-32.771	74.000	9.709	PK

Profile: 1962097R	Page No.: 165
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) CDD	



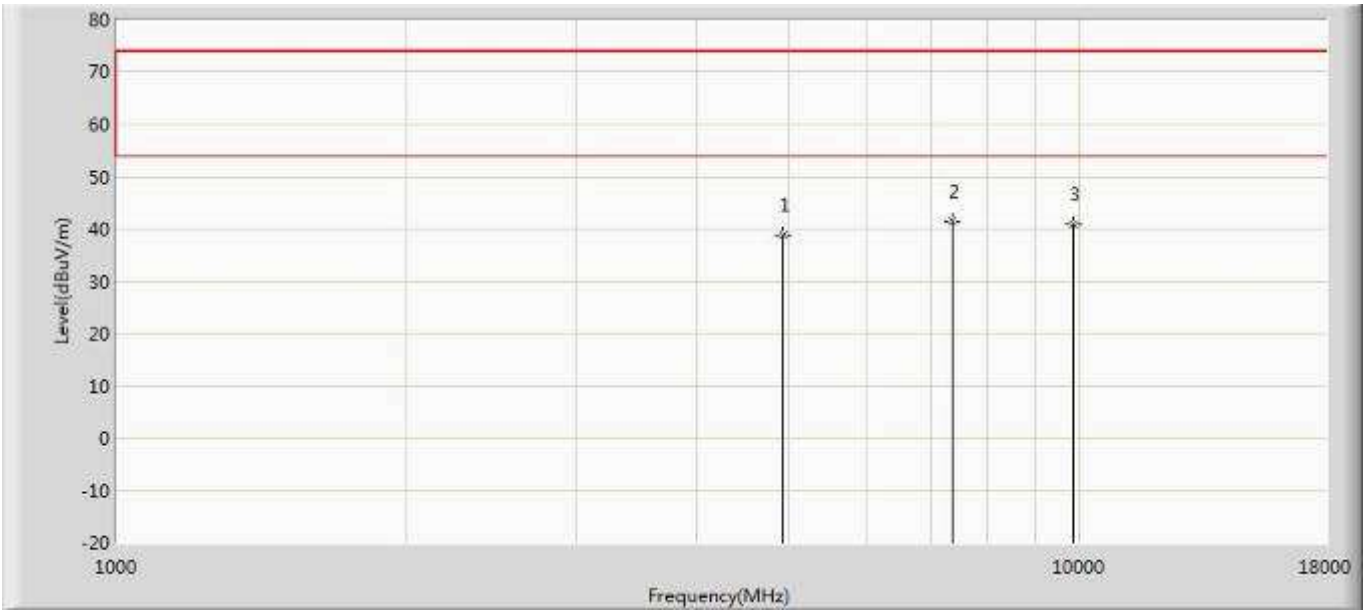
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.936	33.763	-35.064	74.000	5.173	PK
2	*	7311.000	45.301	37.562	-28.699	74.000	7.739	PK
3		9748.000	41.677	31.670	-32.323	74.000	10.007	PK

Profile: 1962097R	Page No.: 166
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) CDD	



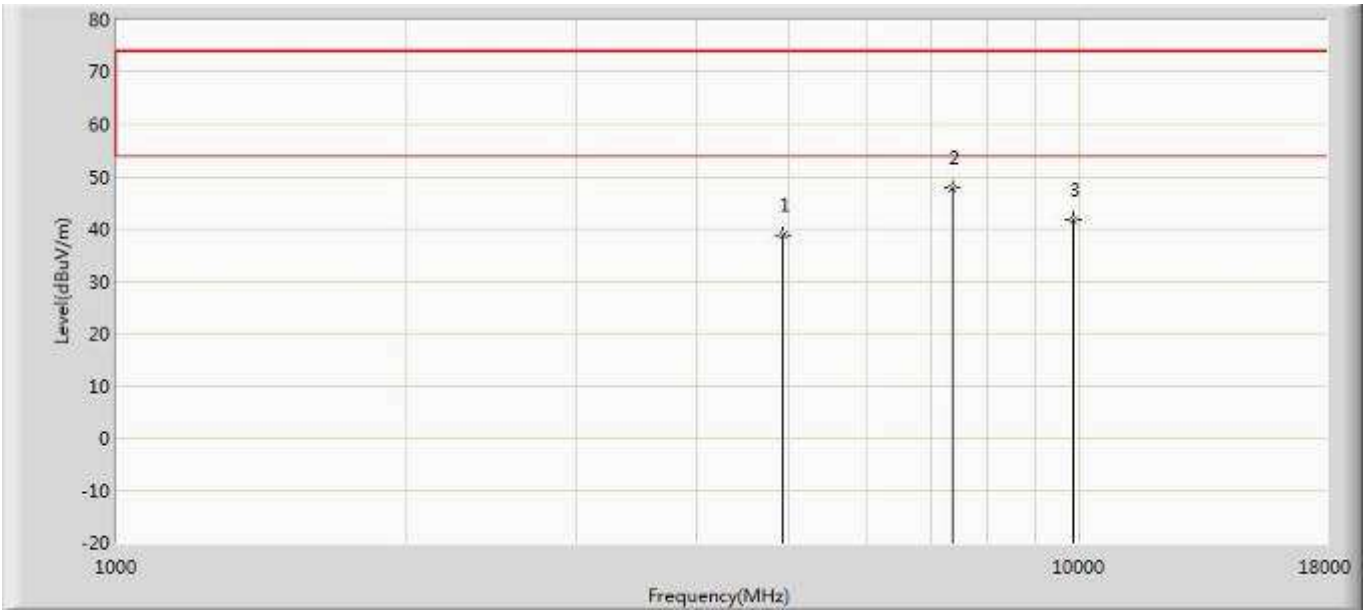
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.865	33.692	-35.135	74.000	5.173	PK
2	*	7311.000	43.573	35.834	-30.427	74.000	7.739	PK
3		9748.000	41.203	31.196	-32.797	74.000	10.007	PK

Profile: 1962097R	Page No.: 167
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) CDD	



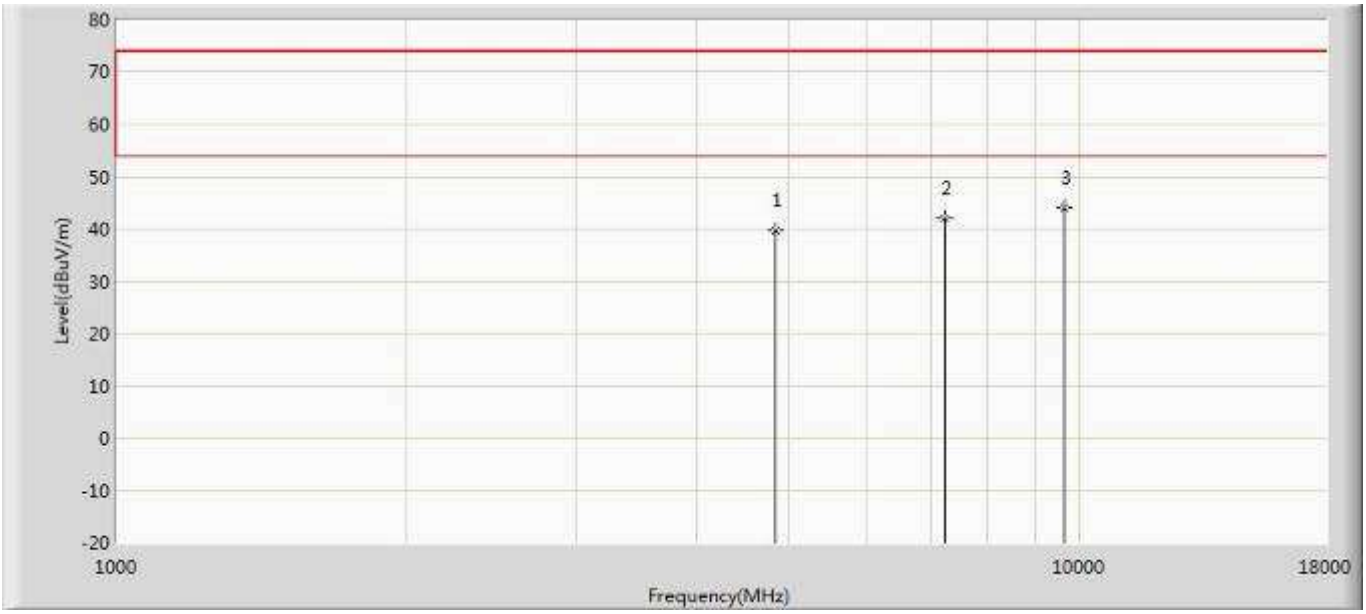
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.915	33.777	-35.085	74.000	5.137	PK
2	*	7386.000	41.544	33.634	-32.456	74.000	7.910	PK
3		9848.000	40.967	31.147	-33.033	74.000	9.820	PK

Profile: 1962097R	Page No.: 168
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) CDD	



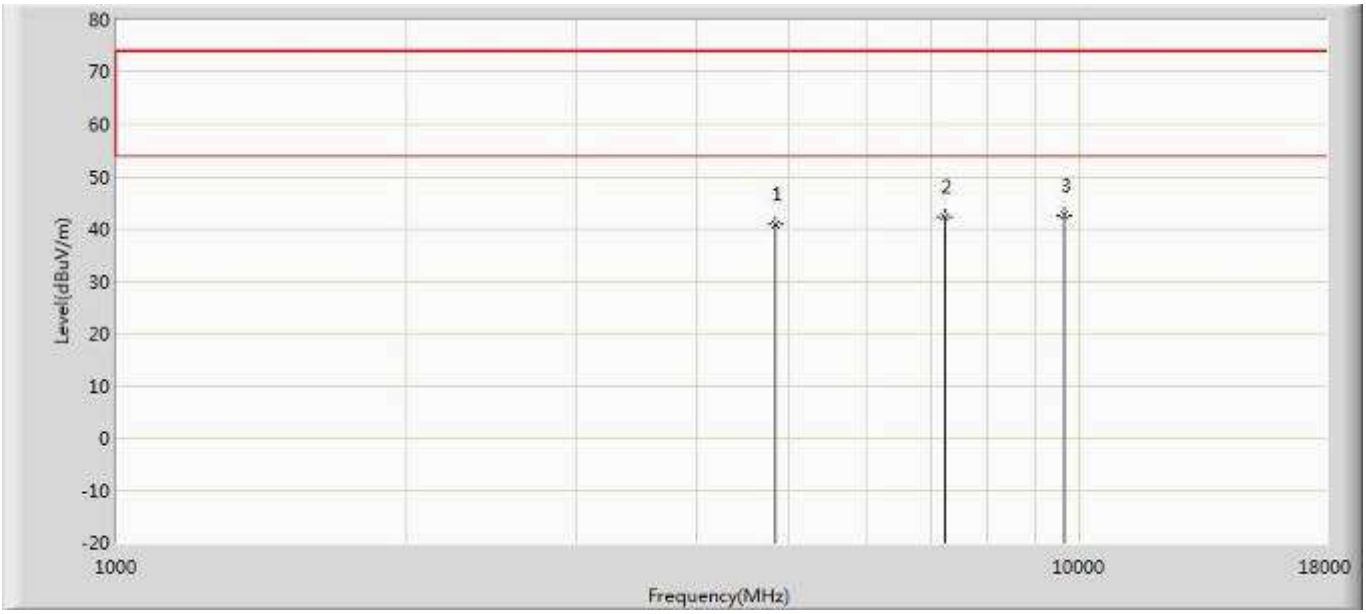
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.864	33.726	-35.136	74.000	5.137	PK
2	*	7386.000	47.895	39.985	-26.105	74.000	7.910	PK
3		9848.000	41.614	31.794	-32.386	74.000	9.820	PK

Profile: 1962097R	Page No.: 91
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n (20MHz) Beamforming	



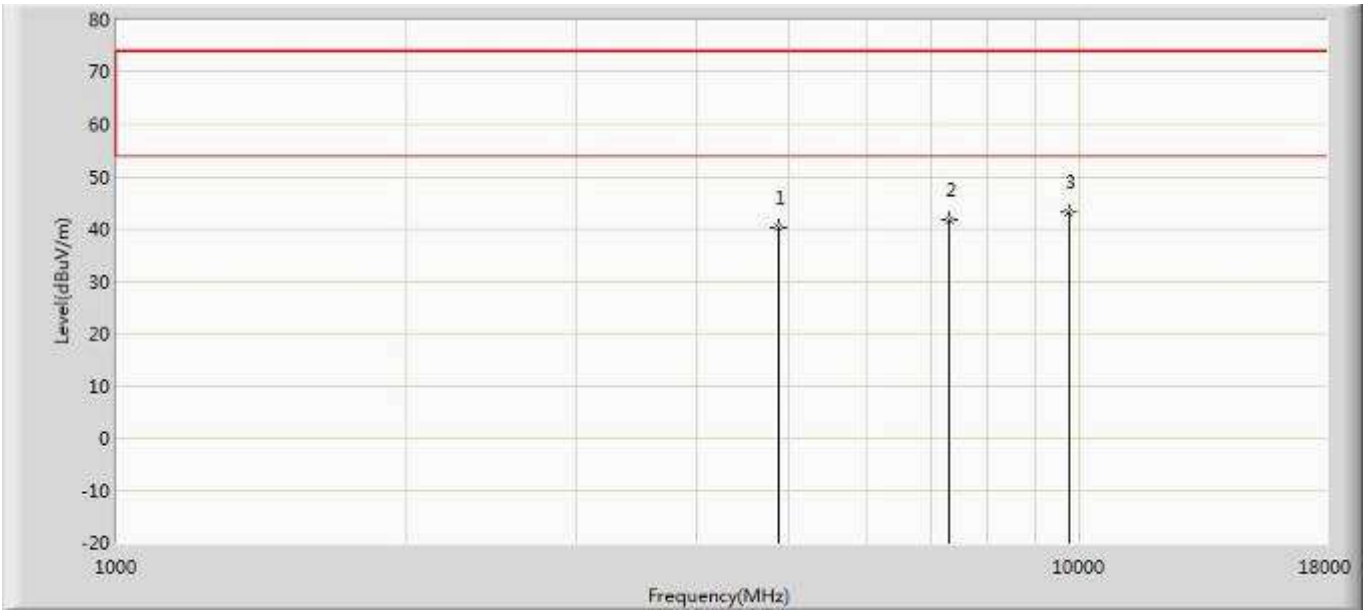
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.757	34.870	-34.243	74.000	4.887	PK
2		7236.000	41.894	34.039	-32.106	74.000	7.855	PK
3	*	9648.000	44.026	34.317	-29.974	74.000	9.709	PK

Profile: 1962097R	Page No.: 92
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n（20MHz）Beamforming	



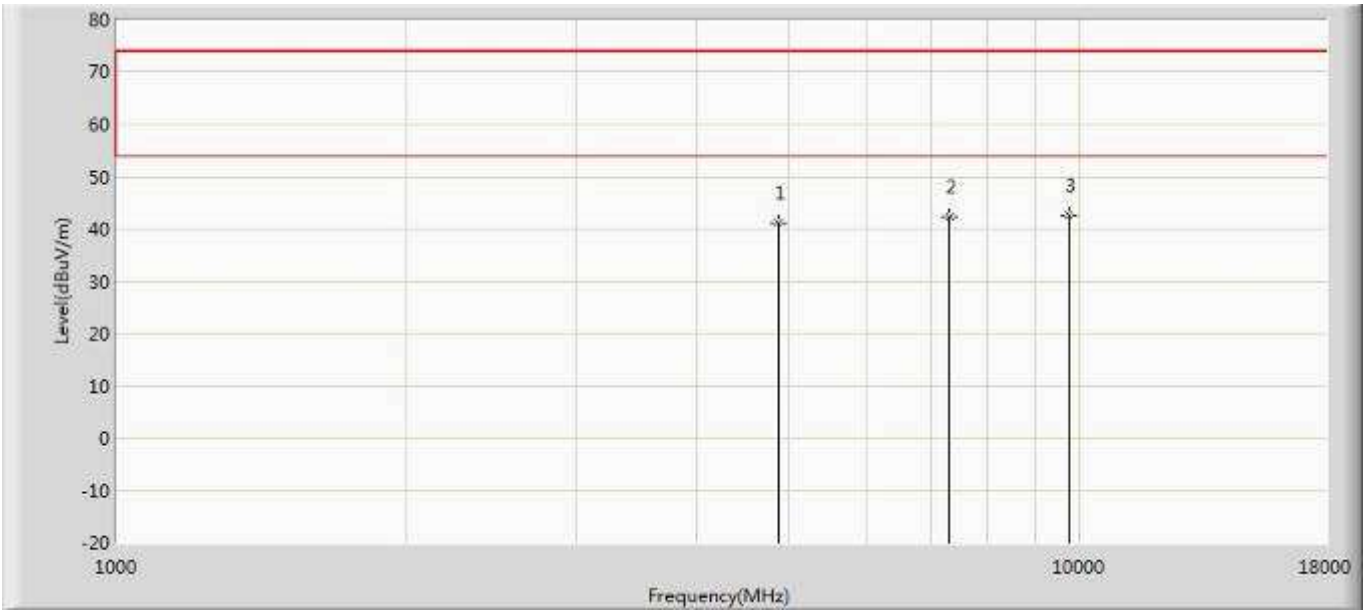
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.897	36.010	-33.103	74.000	4.887	PK
2		7236.000	42.196	34.341	-31.804	74.000	7.855	PK
3	*	9648.000	42.701	32.992	-31.299	74.000	9.709	PK

Profile: 1962097R	Page No.: 93
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) Beamforming	



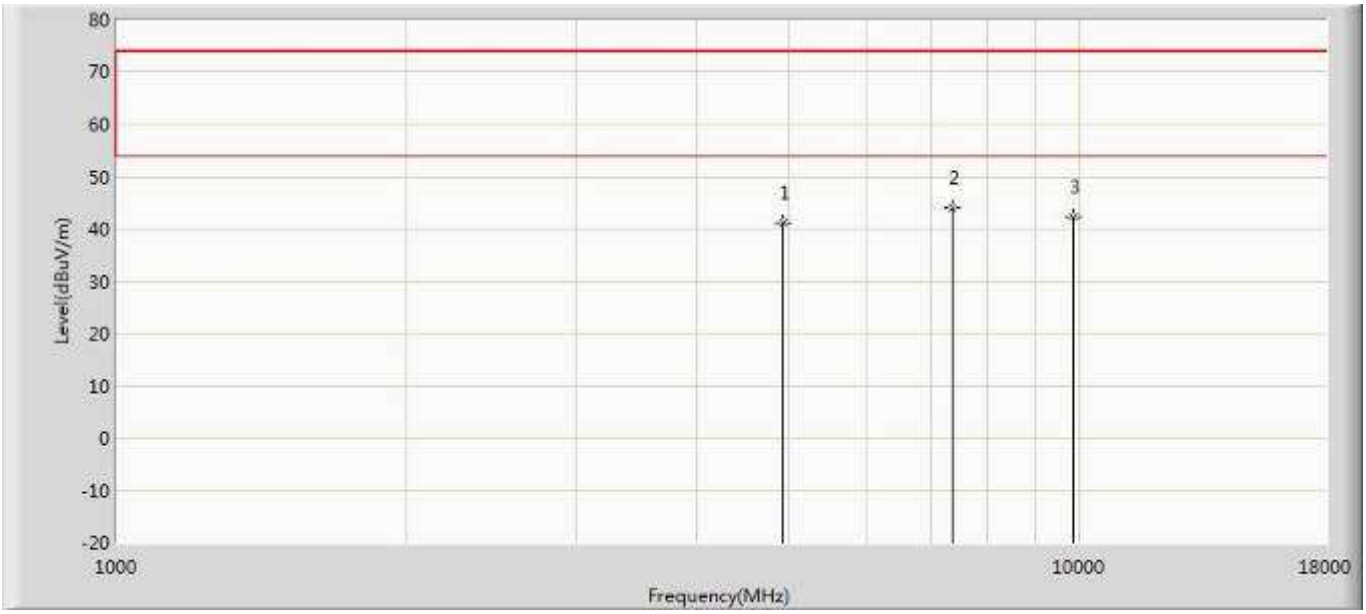
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.159	34.986	-33.841	74.000	5.173	PK
2		7311.000	41.843	34.104	-32.157	74.000	7.739	PK
3	*	9748.000	43.118	33.111	-30.882	74.000	10.007	PK

Profile: 1962097R	Page No.: 94
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n (20MHz) Beamforming	



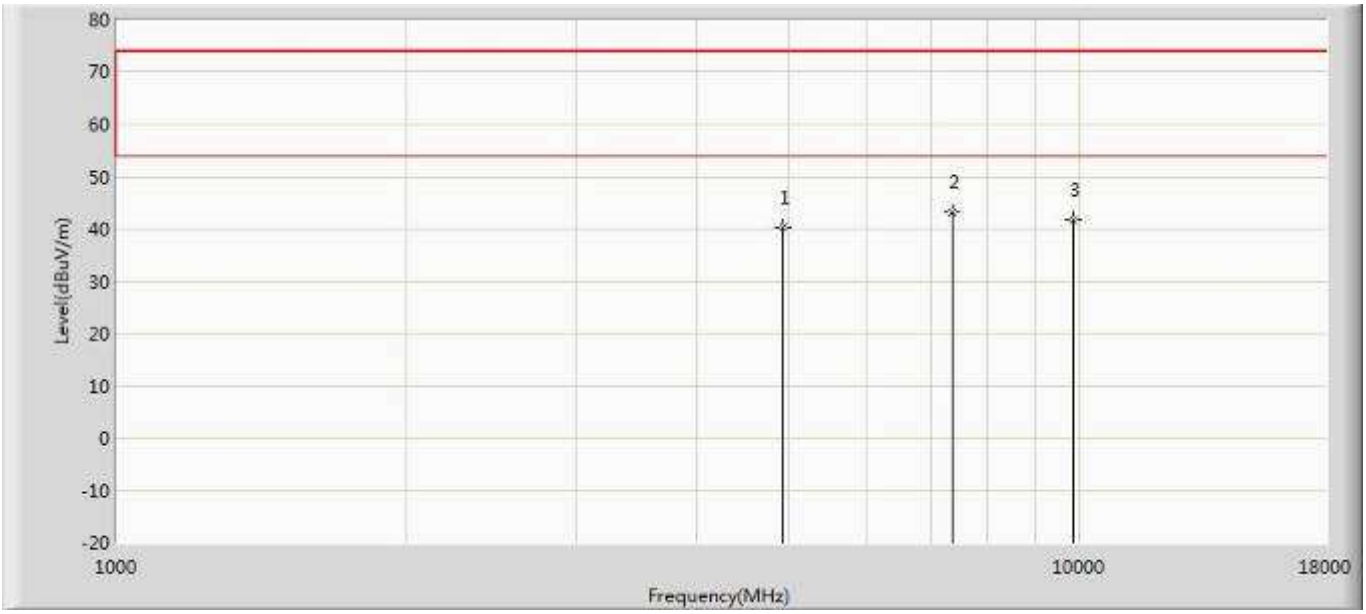
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.067	35.894	-32.933	74.000	5.173	PK
2		7311.000	42.439	34.700	-31.561	74.000	7.739	PK
3	*	9748.000	42.673	32.666	-31.327	74.000	10.007	PK

Profile: 1962097R	Page No.: 95
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n（20MHz）Beamforming	



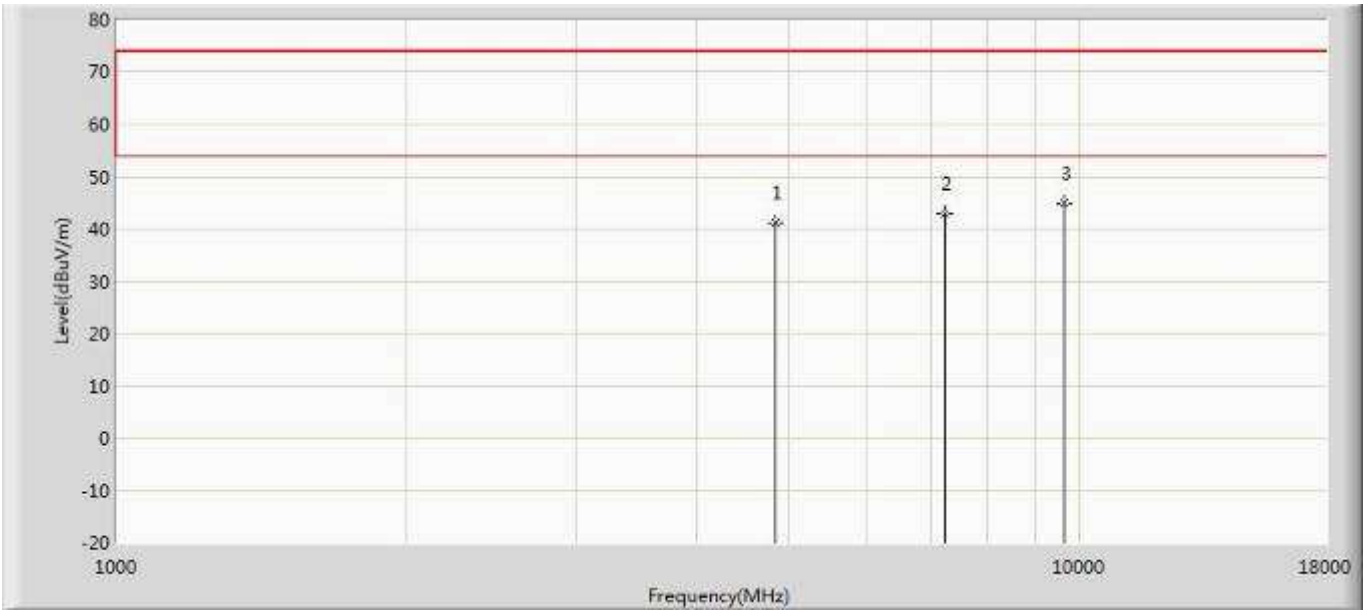
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.040	35.902	-32.960	74.000	5.137	PK
2	*	7386.000	43.958	36.048	-30.042	74.000	7.910	PK
3		9848.000	42.194	32.374	-31.806	74.000	9.820	PK

Profile: 1962097R	Page No.: 96
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n (20MHz) Beamforming	



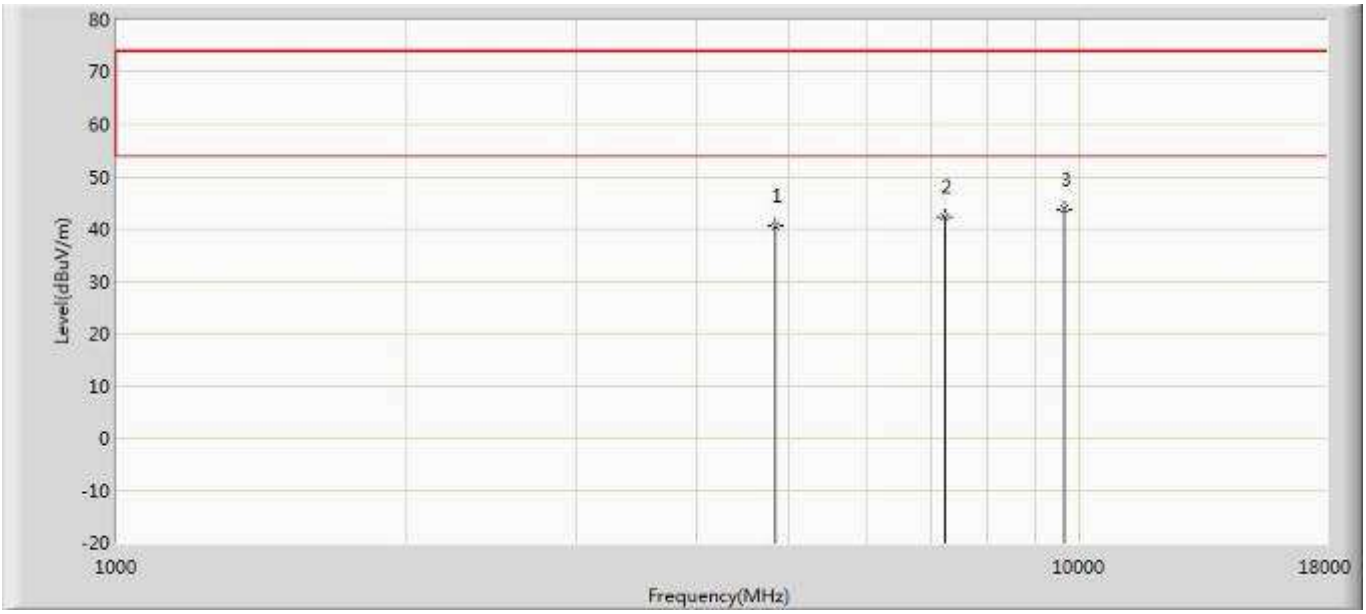
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.274	35.136	-33.726	74.000	5.137	PK
2	*	7386.000	43.286	35.376	-30.714	74.000	7.910	PK
3		9848.000	41.735	31.915	-32.265	74.000	9.820	PK

Profile: 1962097R	Page No.: 97
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）ANT 0	



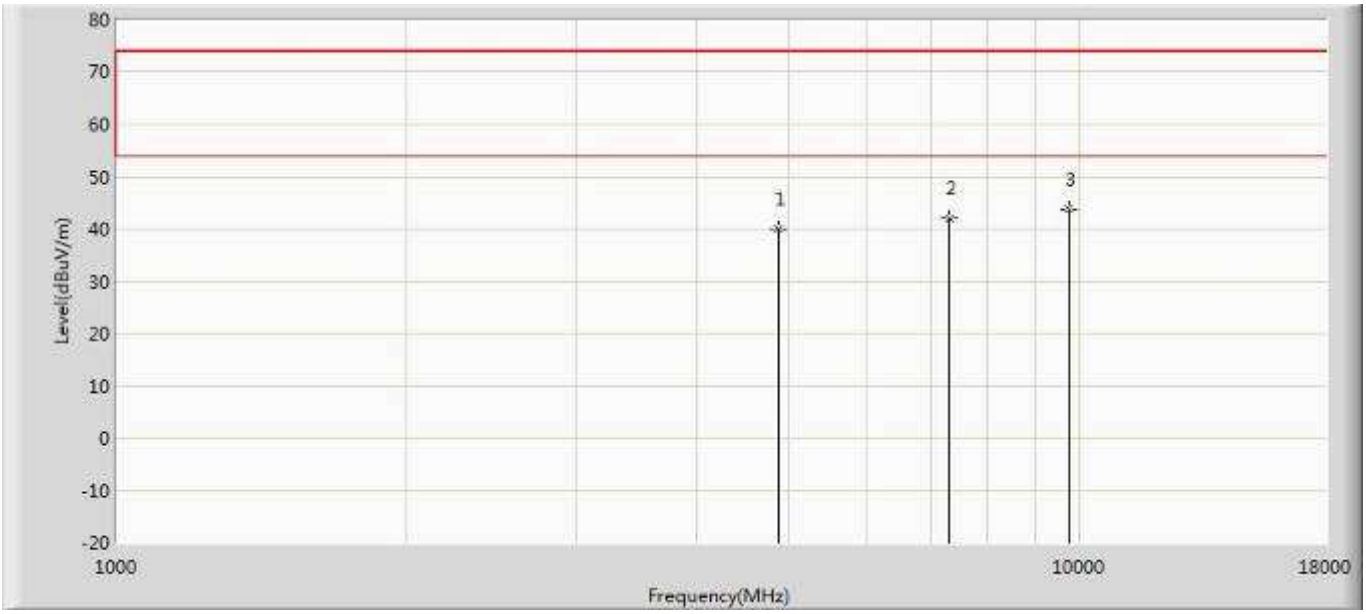
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.161	36.274	-32.839	74.000	4.887	PK
2		7236.000	42.823	34.968	-31.177	74.000	7.855	PK
3	*	9648.000	44.961	35.252	-29.039	74.000	9.709	PK

Profile: 1962097R	Page No.: 98
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）ANT 0	



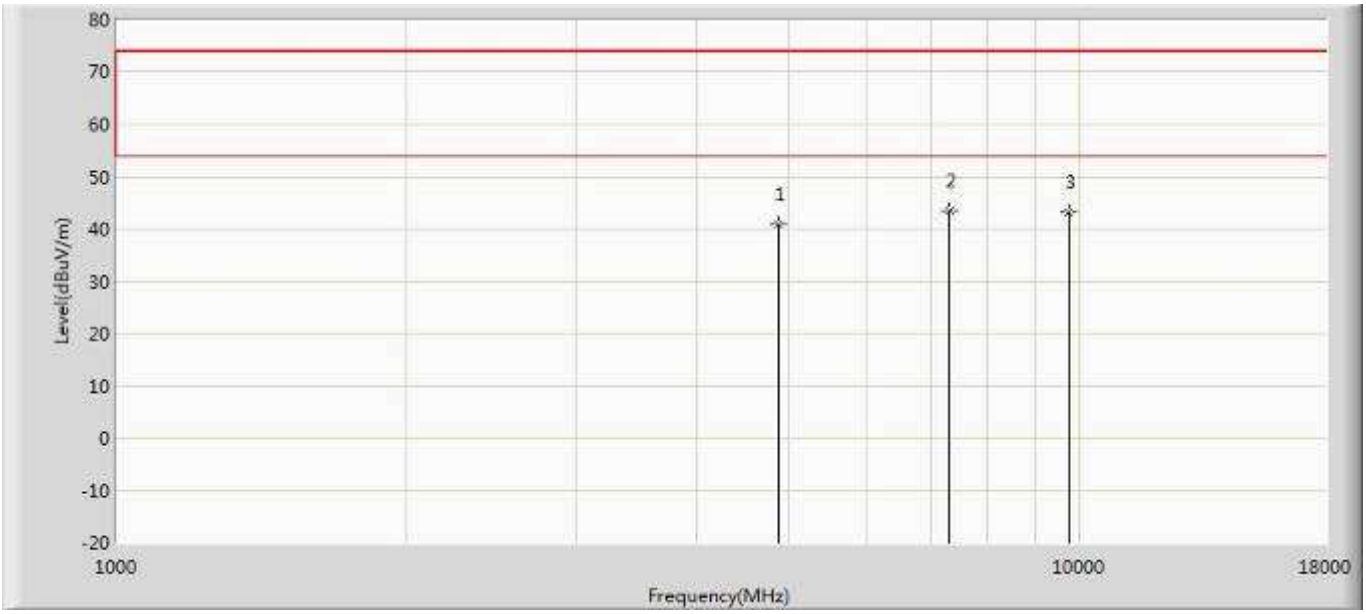
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.575	35.688	-33.425	74.000	4.887	PK
2		7236.000	42.238	34.383	-31.762	74.000	7.855	PK
3	*	9648.000	43.843	34.134	-30.157	74.000	9.709	PK

Profile: 1962097R	Page No.: 99
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）ANT 0	



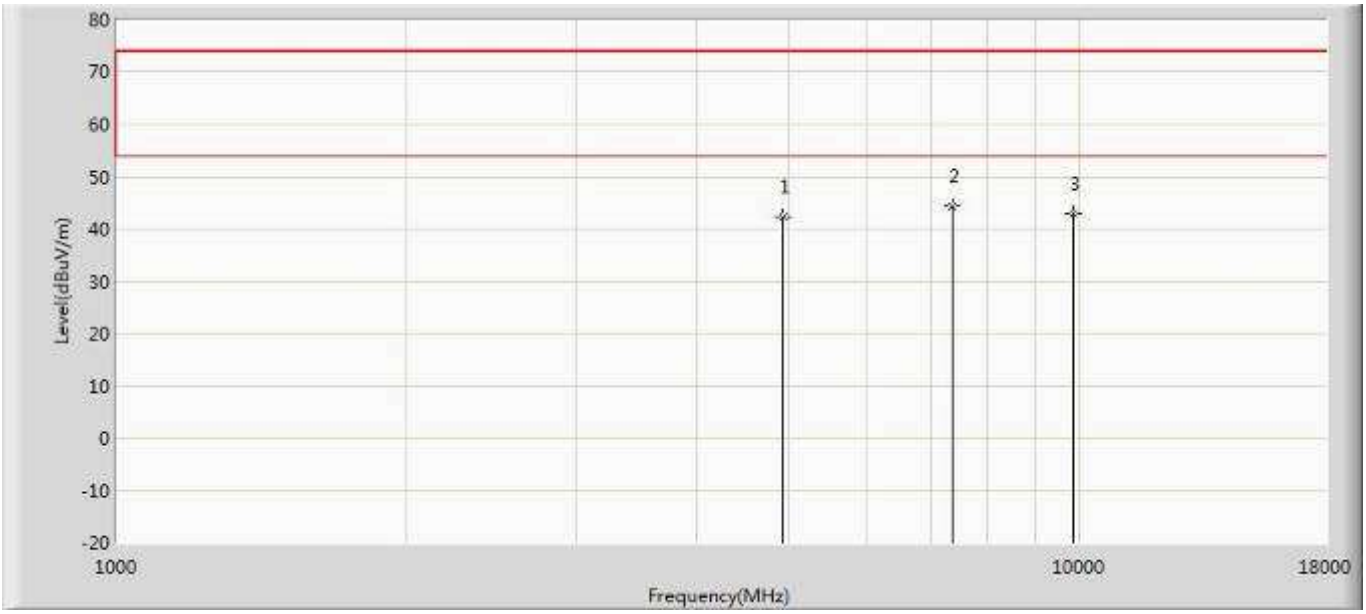
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.048	34.875	-33.952	74.000	5.173	PK
2		7311.000	41.899	34.160	-32.101	74.000	7.739	PK
3	*	9748.000	43.789	33.782	-30.211	74.000	10.007	PK

Profile: 1962097R	Page No.: 100
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）ANT 0	



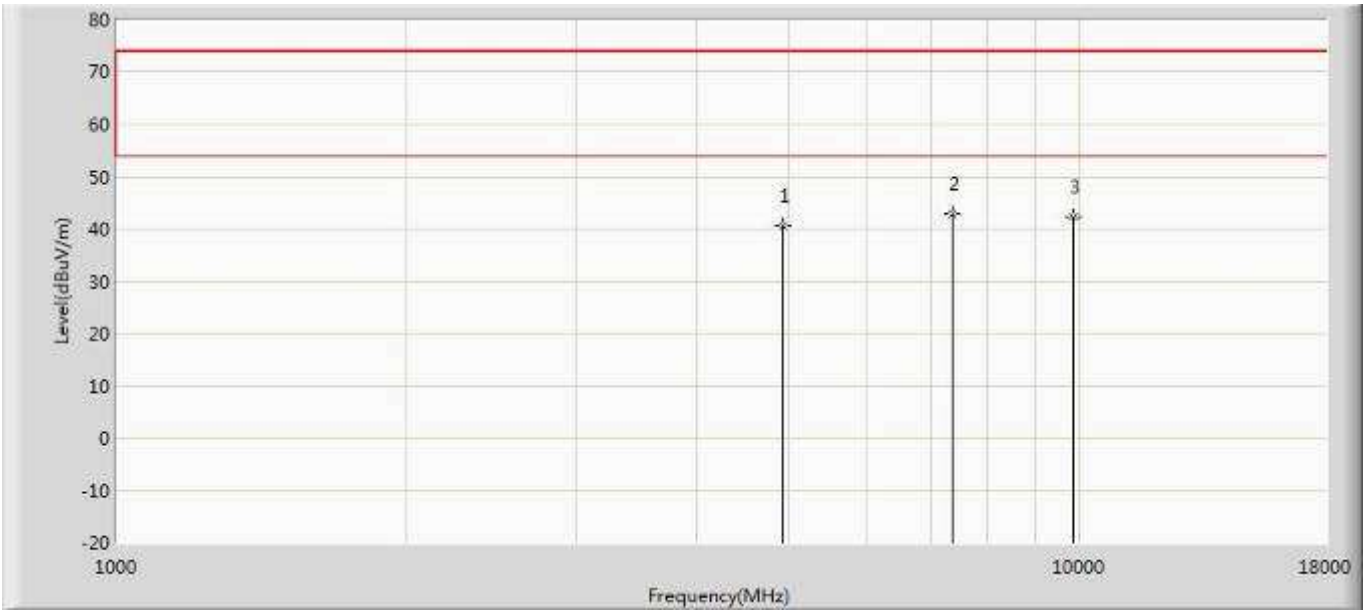
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.812	35.639	-33.188	74.000	5.173	PK
2	*	7311.000	43.432	35.693	-30.568	74.000	7.739	PK
3		9748.000	43.245	33.238	-30.755	74.000	10.007	PK

Profile: 1962097R	Page No.: 101
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）ANT 0	



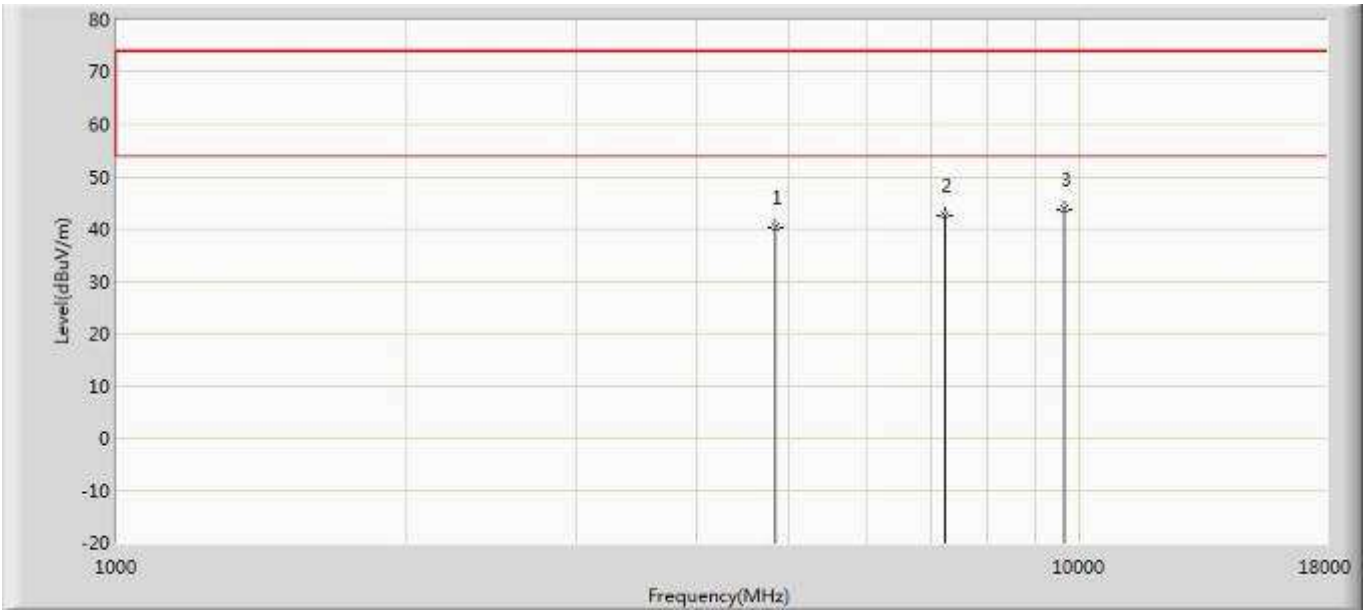
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.406	37.268	-31.594	74.000	5.137	PK
2	*	7386.000	44.376	36.466	-29.624	74.000	7.910	PK
3		9848.000	43.036	33.216	-30.964	74.000	9.820	PK

Profile: 1962097R	Page No.: 102
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）ANT 0	



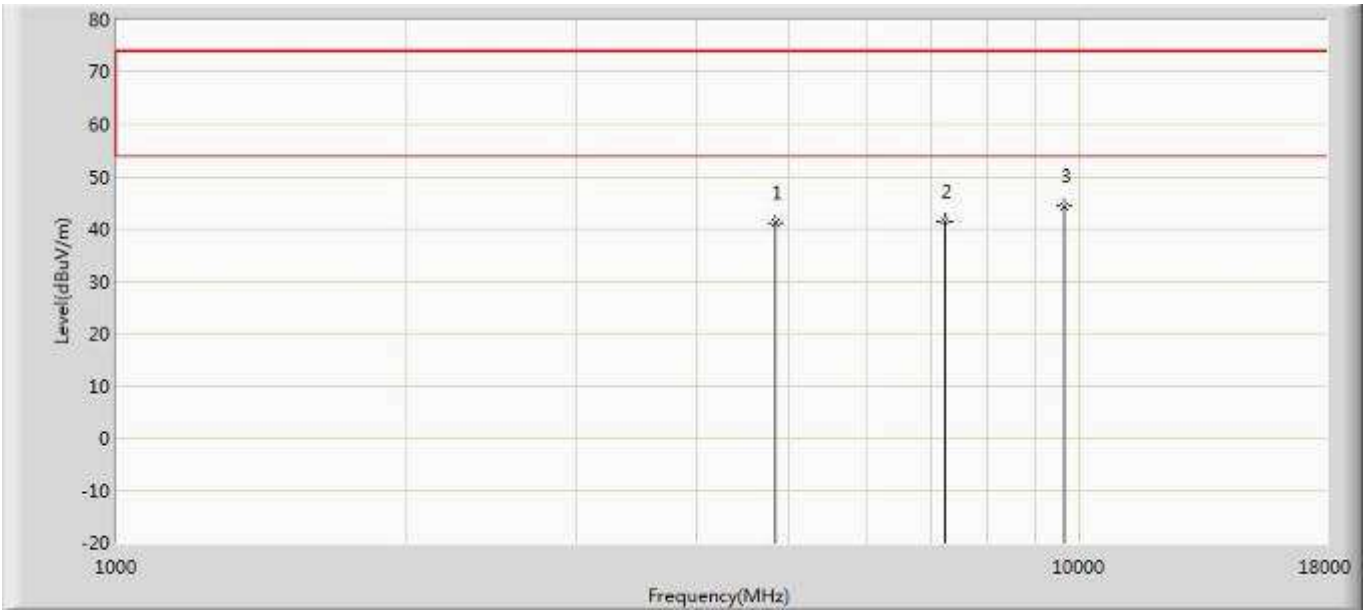
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.462	35.324	-33.538	74.000	5.137	PK
2	*	7386.000	42.951	35.041	-31.049	74.000	7.910	PK
3		9848.000	42.319	32.499	-31.681	74.000	9.820	PK

Profile: 1962097R	Page No.: 169
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）ANT 1	



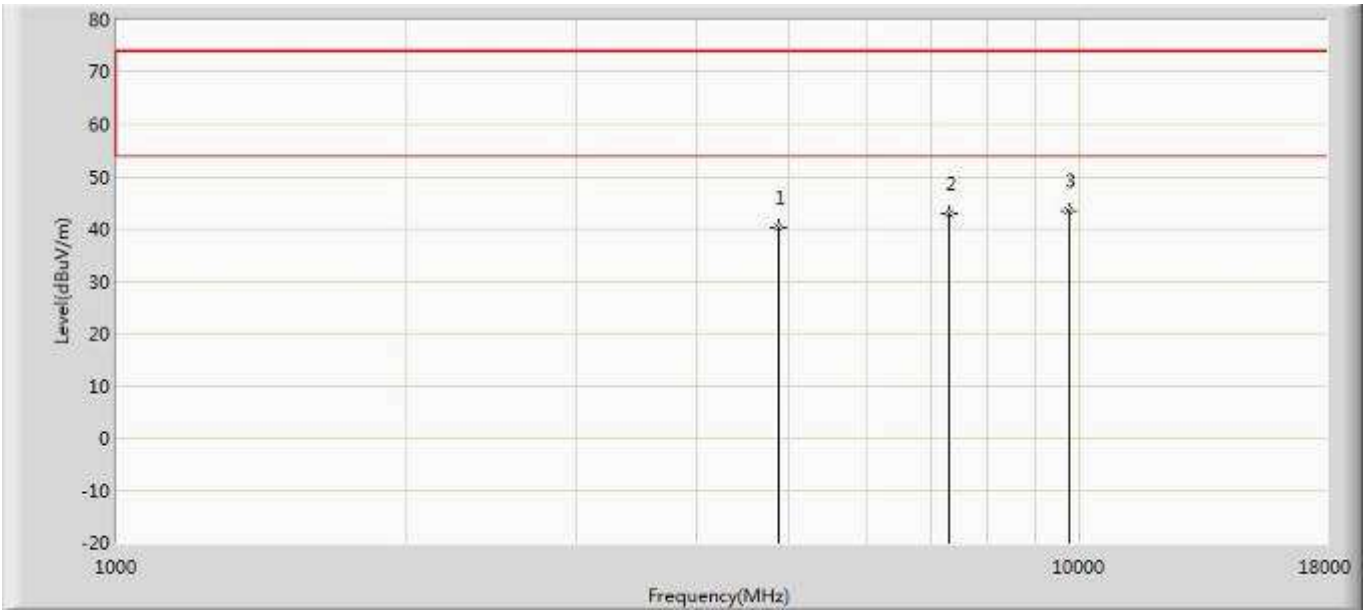
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.169	35.282	-33.831	74.000	4.887	PK
2		7236.000	42.602	34.747	-31.398	74.000	7.855	PK
3	*	9648.000	43.880	34.171	-30.120	74.000	9.709	PK

Profile: 1962097R	Page No.: 170
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）ANT 1	



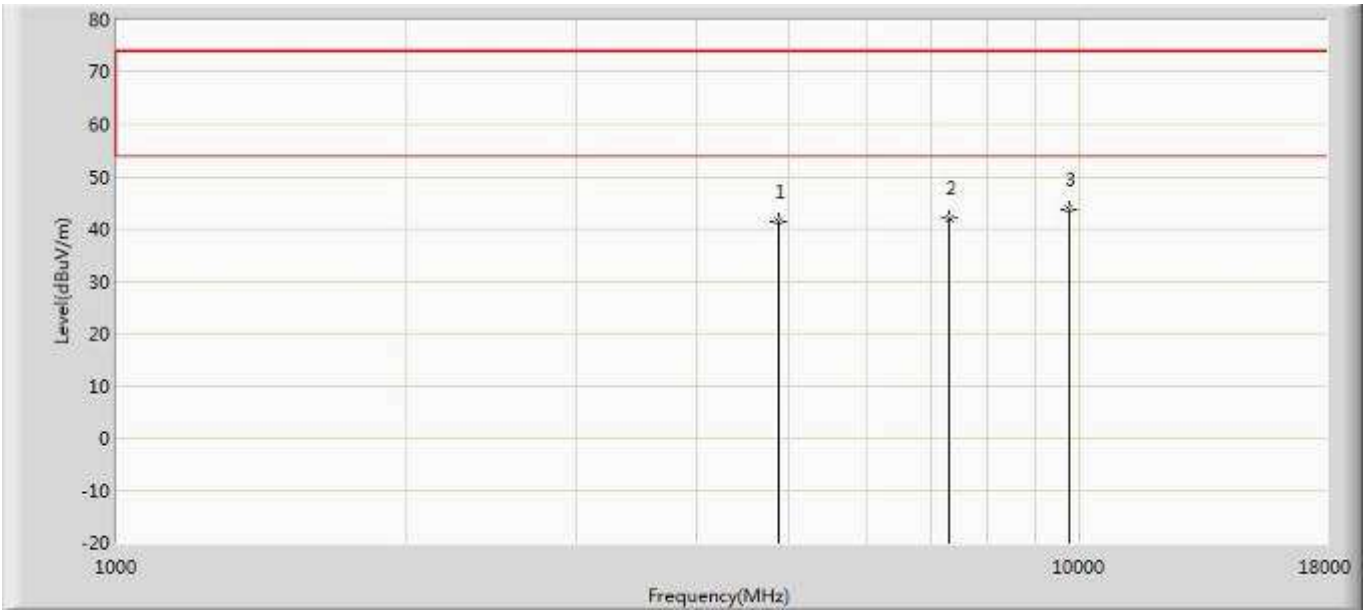
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.024	36.137	-32.976	74.000	4.887	PK
2		7236.000	41.436	33.581	-32.564	74.000	7.855	PK
3	*	9648.000	44.215	34.506	-29.785	74.000	9.709	PK

Profile: 1962097R	Page No.: 171
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）ANT 1	



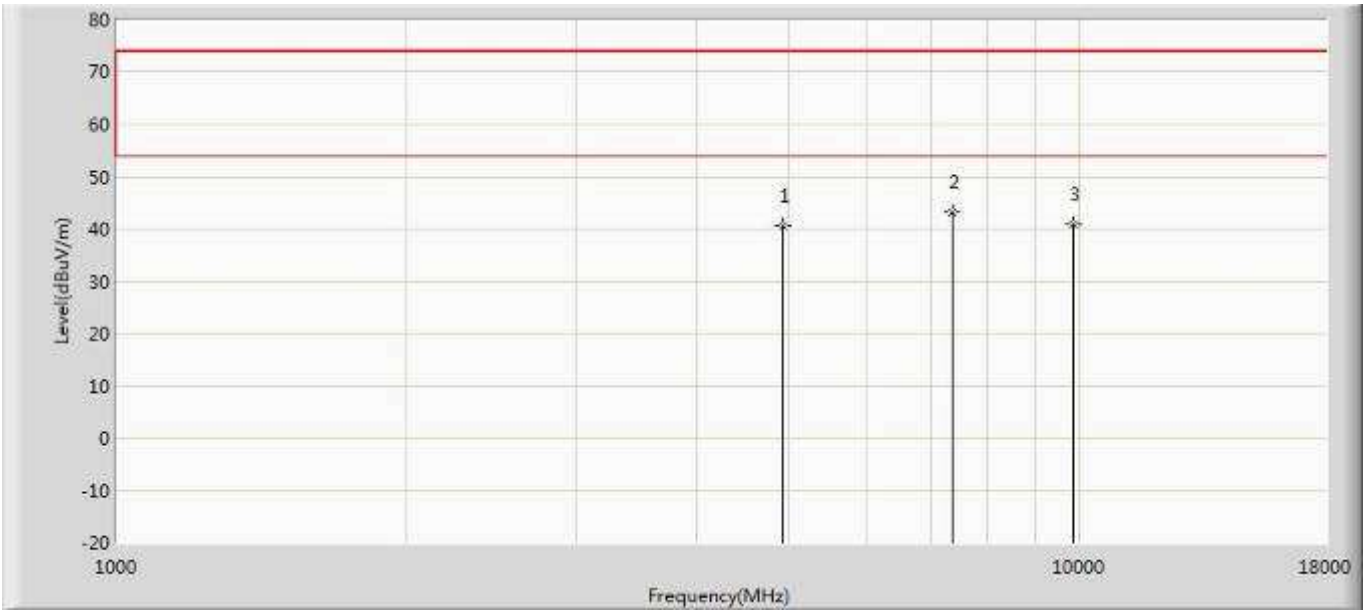
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.379	35.206	-33.621	74.000	5.173	PK
2		7311.000	42.890	35.151	-31.110	74.000	7.739	PK
3	*	9748.000	43.597	33.590	-30.403	74.000	10.007	PK

Profile: 1962097R	Page No.: 172
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）ANT 1	



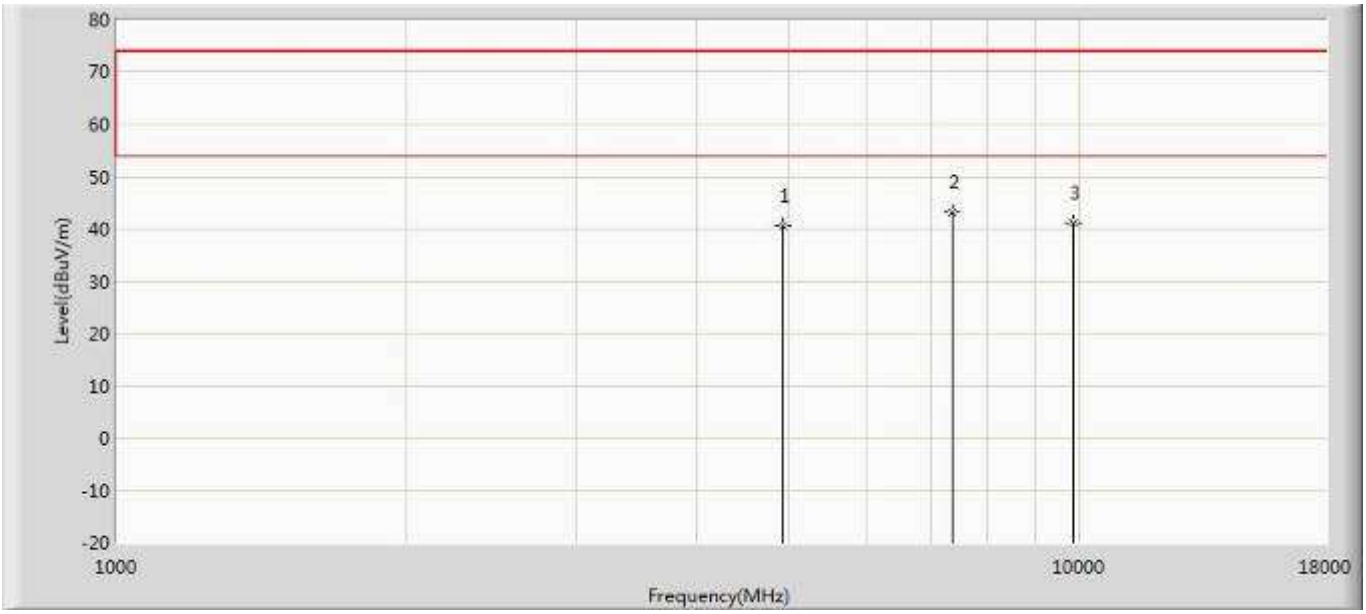
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.401	36.228	-32.599	74.000	5.173	PK
2		7311.000	42.080	34.341	-31.920	74.000	7.739	PK
3	*	9748.000	43.831	33.824	-30.169	74.000	10.007	PK

Profile: 1962097R	Page No.: 173
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）ANT 1	



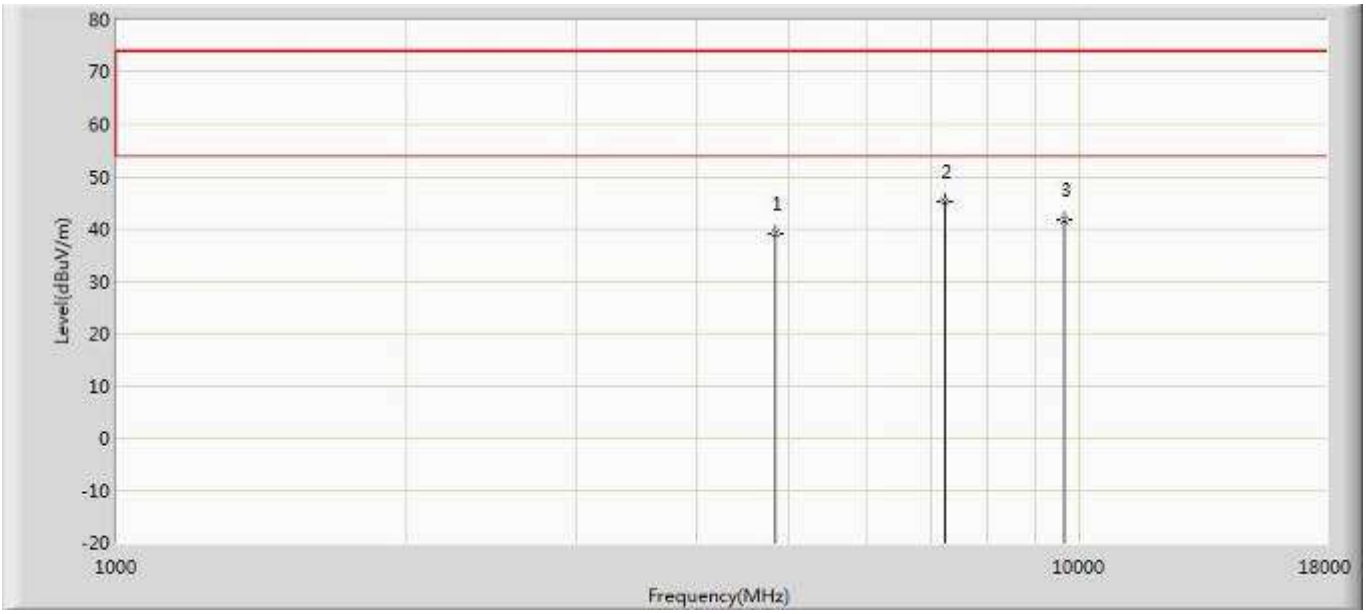
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.452	35.314	-33.548	74.000	5.137	PK
2	*	7386.000	43.170	35.260	-30.830	74.000	7.910	PK
3		9848.000	40.848	31.028	-33.152	74.000	9.820	PK

Profile: 1962097R	Page No.: 174
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）ANT 1	



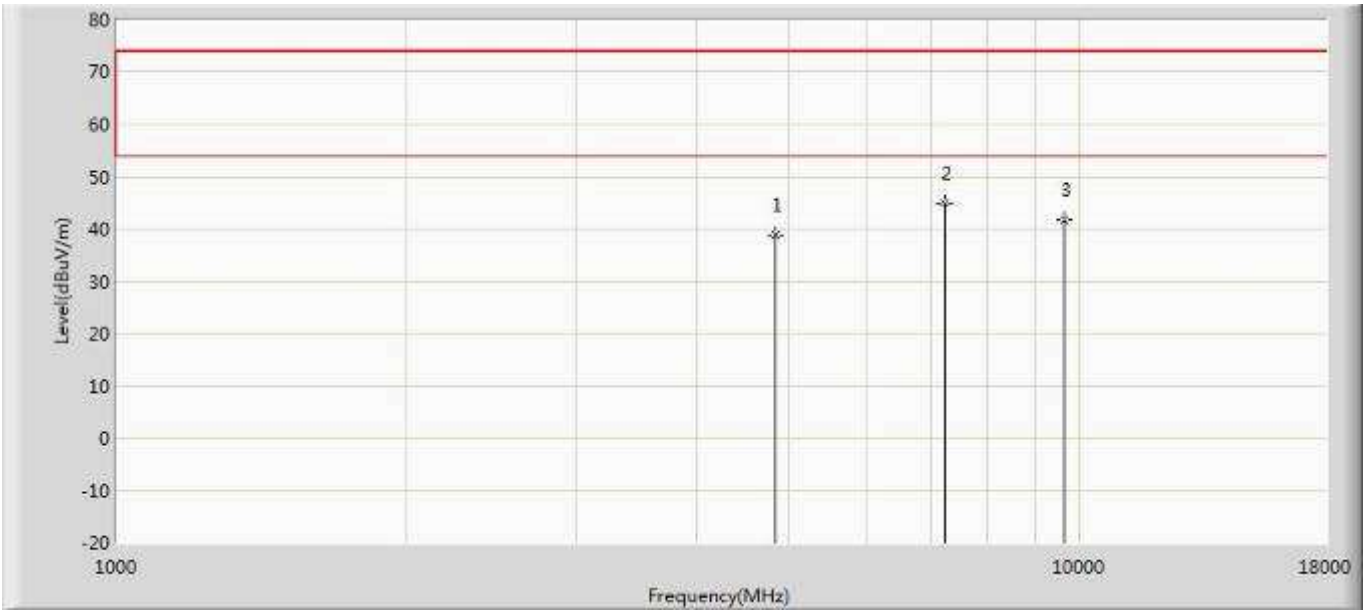
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.501	35.363	-33.499	74.000	5.137	PK
2	*	7386.000	43.308	35.398	-30.692	74.000	7.910	PK
3		9848.000	41.169	31.349	-32.831	74.000	9.820	PK

Profile: 1962097R	Page No.: 175
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）CDD	



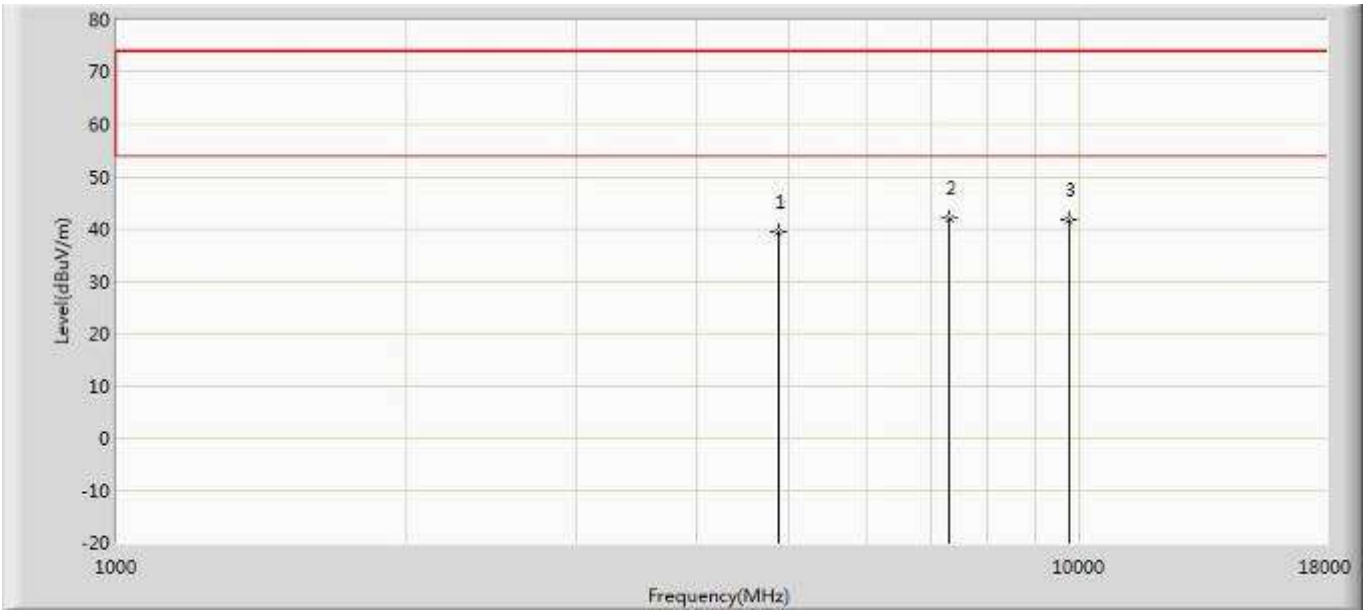
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.046	34.159	-34.954	74.000	4.887	PK
2	*	7236.000	45.322	37.467	-28.678	74.000	7.855	PK
3		9648.000	41.613	31.904	-32.387	74.000	9.709	PK

Profile: 1962097R	Page No.: 176
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）CDD	



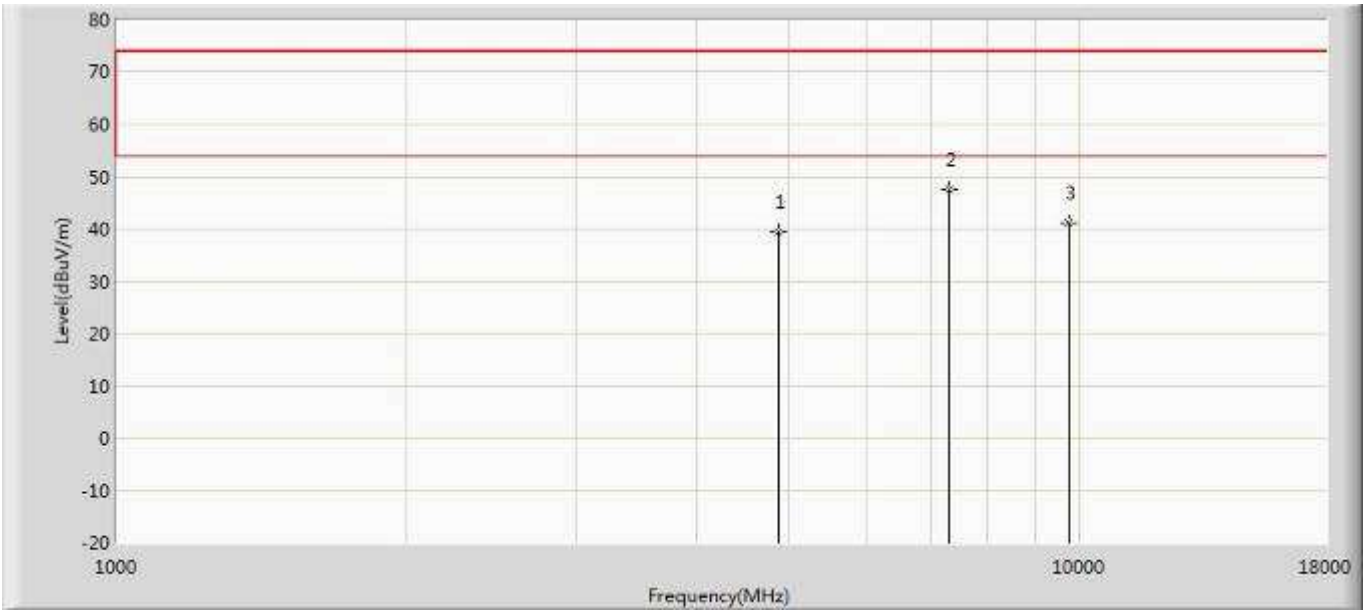
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	38.737	33.850	-35.263	74.000	4.887	PK
2	*	7236.000	44.881	37.026	-29.119	74.000	7.855	PK
3		9648.000	41.691	31.982	-32.309	74.000	9.709	PK

Profile: 1962097R	Page No.: 177
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）CDD	



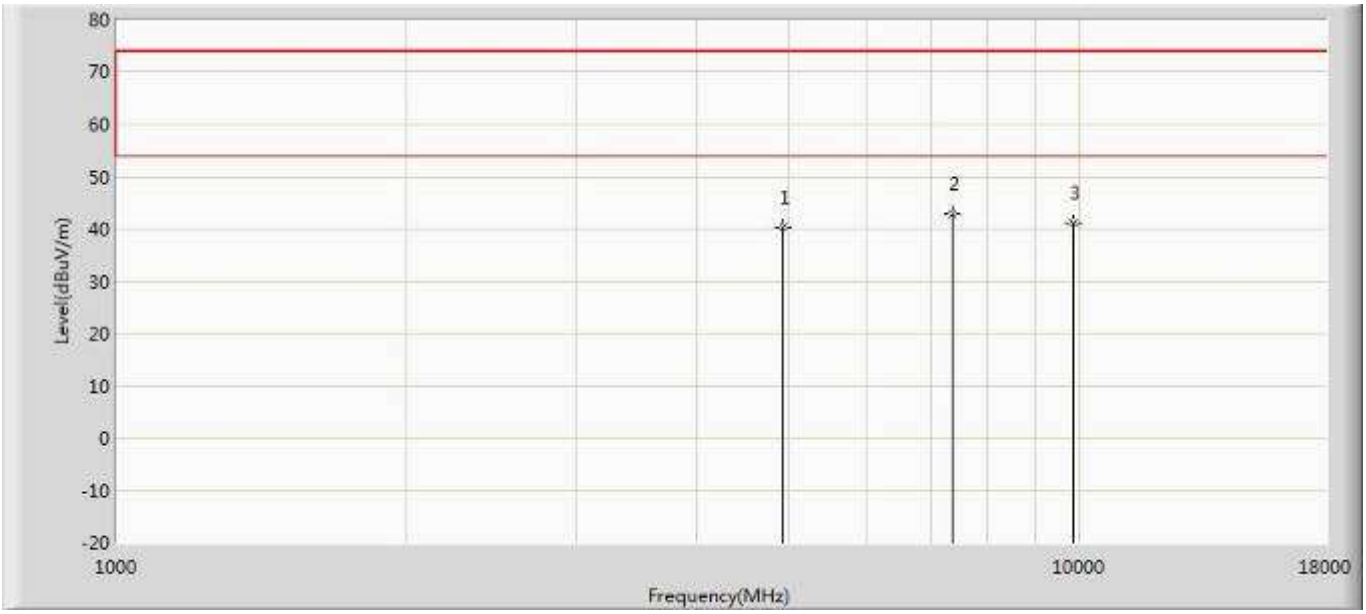
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.292	34.119	-34.708	74.000	5.173	PK
2	*	7311.000	42.043	34.304	-31.957	74.000	7.739	PK
3		9748.000	41.692	31.685	-32.308	74.000	10.007	PK

Profile: 1962097R	Page No.: 178
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）CDD	



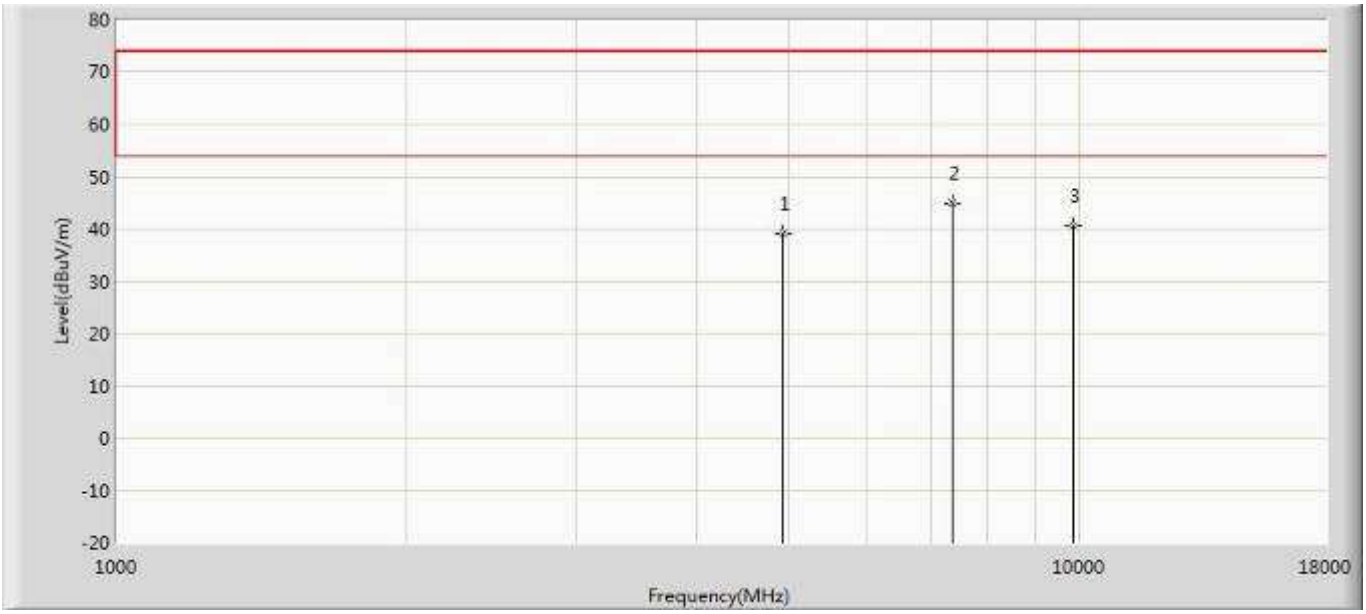
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.316	34.143	-34.684	74.000	5.173	PK
2	*	7311.000	47.590	39.851	-26.410	74.000	7.739	PK
3		9748.000	41.235	31.228	-32.765	74.000	10.007	PK

Profile: 1962097R	Page No.: 179
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）CDD	



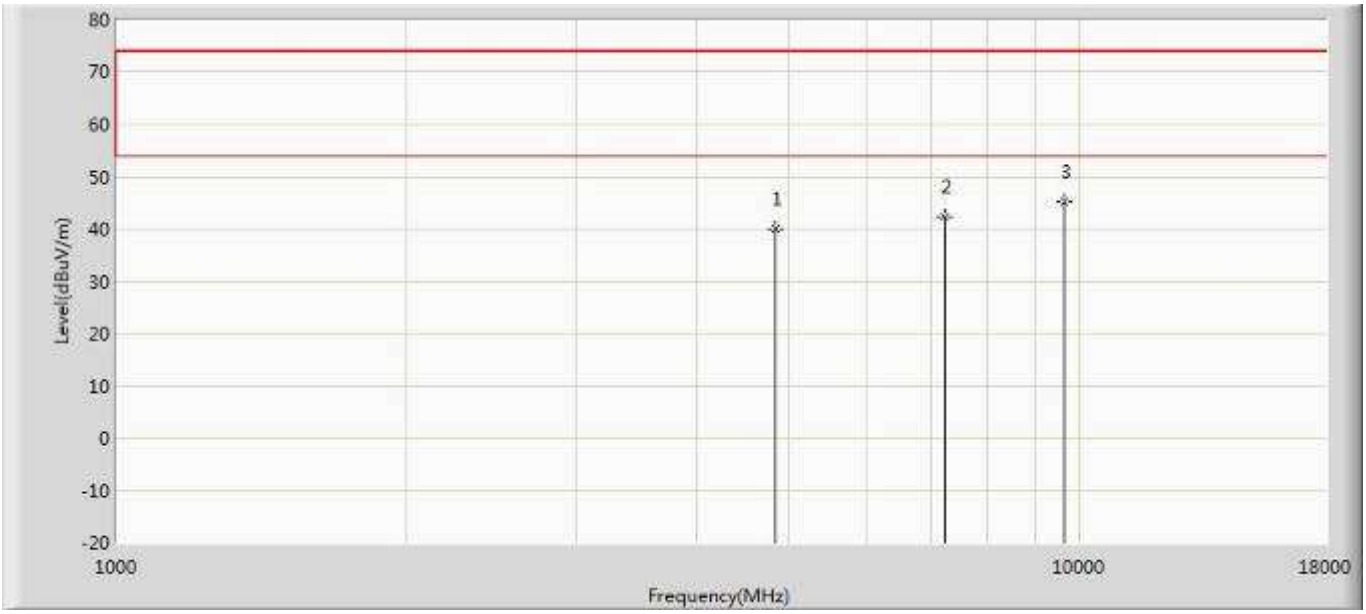
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.215	35.077	-33.785	74.000	5.137	PK
2	*	7386.000	42.906	34.996	-31.094	74.000	7.910	PK
3		9848.000	41.129	31.309	-32.871	74.000	9.820	PK

Profile: 1962097R	Page No.: 180
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）CDD	



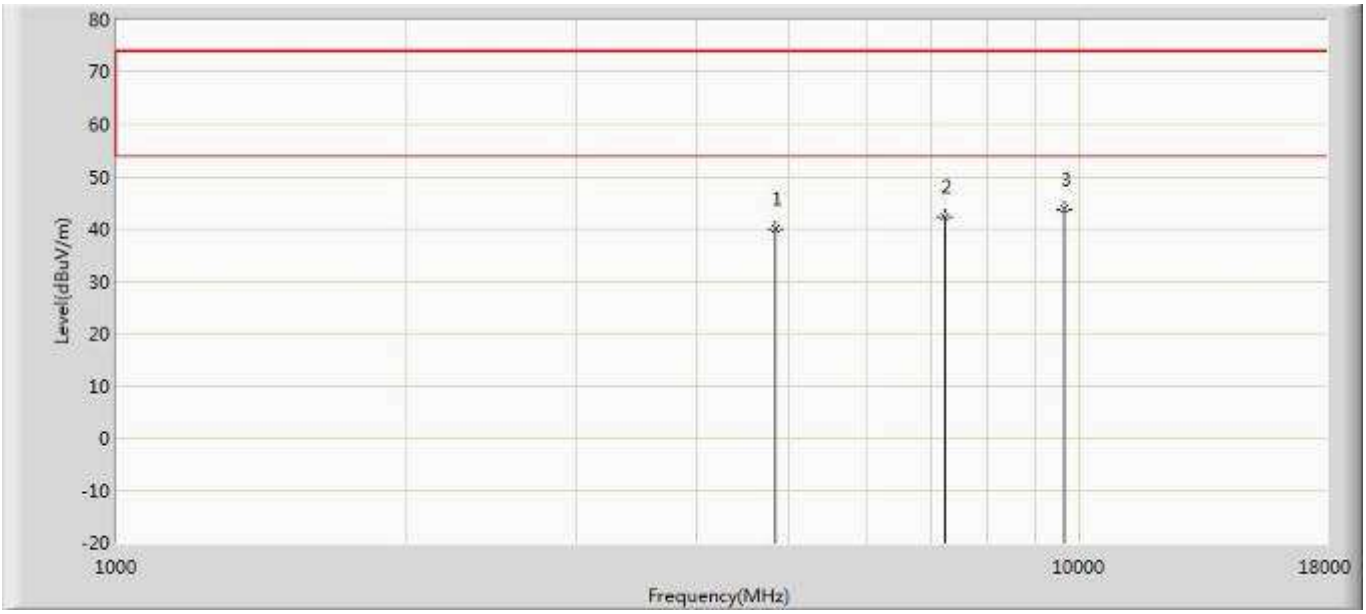
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.995	33.857	-35.005	74.000	5.137	PK
2	*	7386.000	45.053	37.143	-28.947	74.000	7.910	PK
3		9848.000	40.633	30.813	-33.367	74.000	9.820	PK

Profile: 1962097R	Page No.: 103
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）Beamforming	



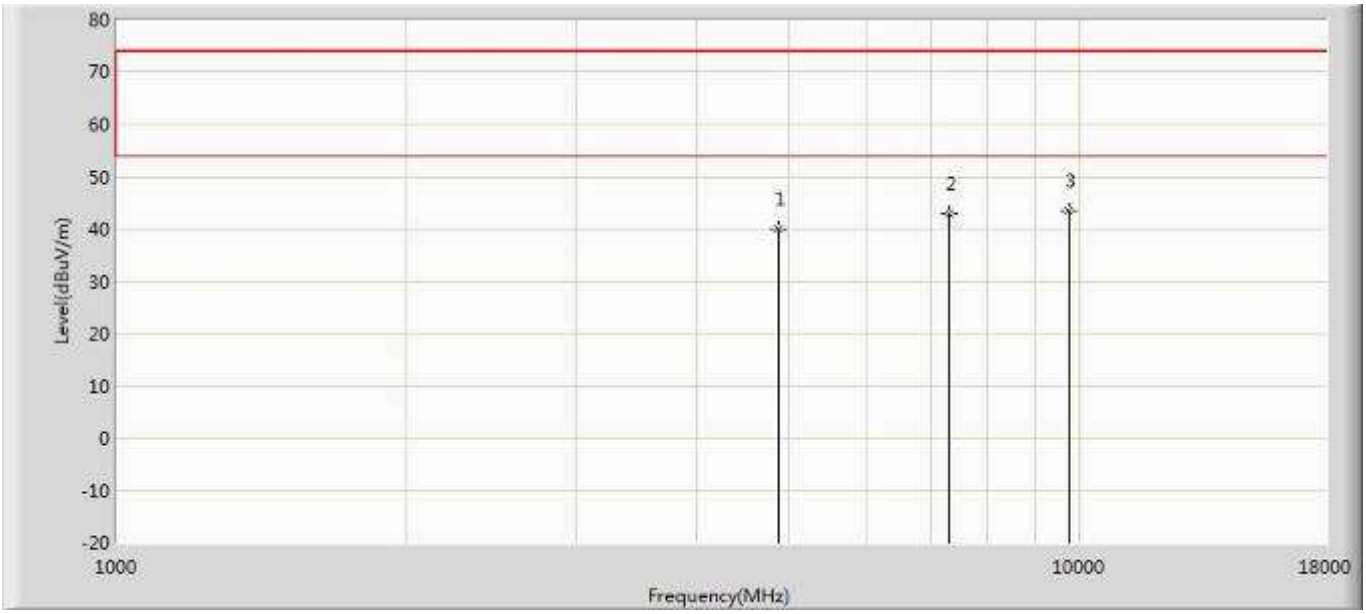
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.947	35.060	-34.053	74.000	4.887	PK
2		7236.000	42.348	34.493	-31.652	74.000	7.855	PK
3	*	9648.000	45.277	35.568	-28.723	74.000	9.709	PK

Profile: 1962097R	Page No.: 104
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2412MHz by 802.11ac（20MHz）Beamforming	



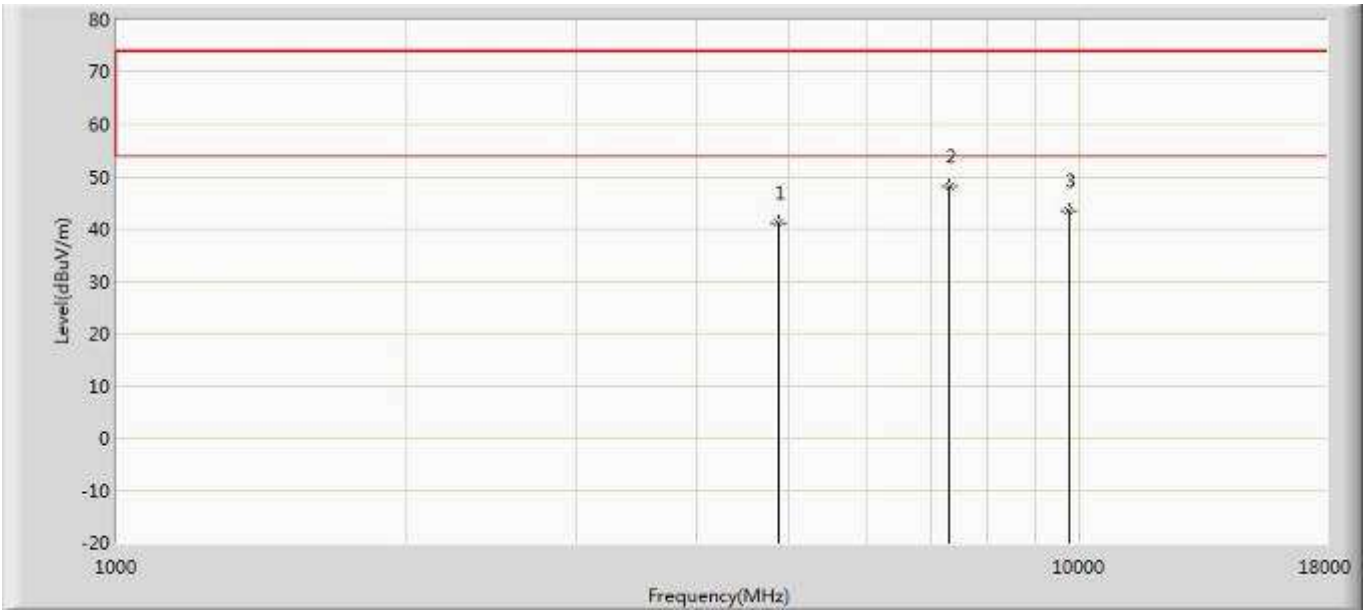
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.864	34.977	-34.136	74.000	4.887	PK
2		7236.000	42.300	34.445	-31.700	74.000	7.855	PK
3	*	9648.000	43.767	34.058	-30.233	74.000	9.709	PK

Profile: 1962097R	Page No.: 105
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）Beamforming	



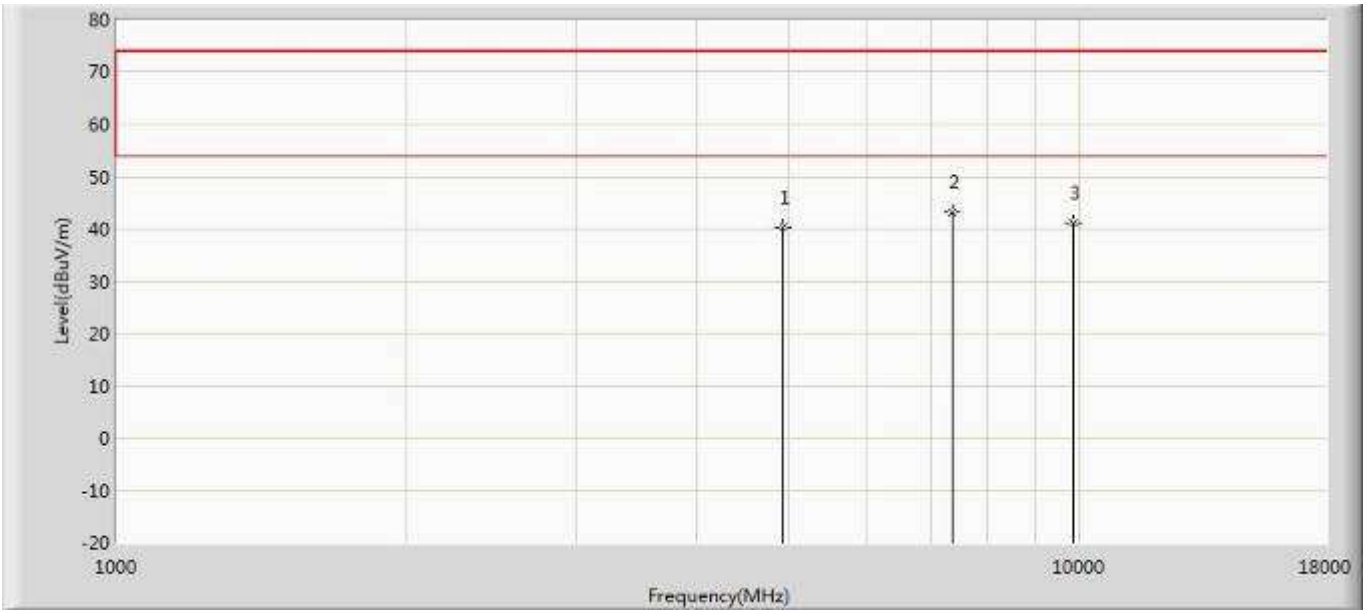
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.958	34.785	-34.042	74.000	5.173	PK
2		7311.000	42.838	35.099	-31.162	74.000	7.739	PK
3	*	9748.000	43.424	33.417	-30.576	74.000	10.007	PK

Profile: 1962097R	Page No.: 106
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11ac（20MHz）Beamforming	



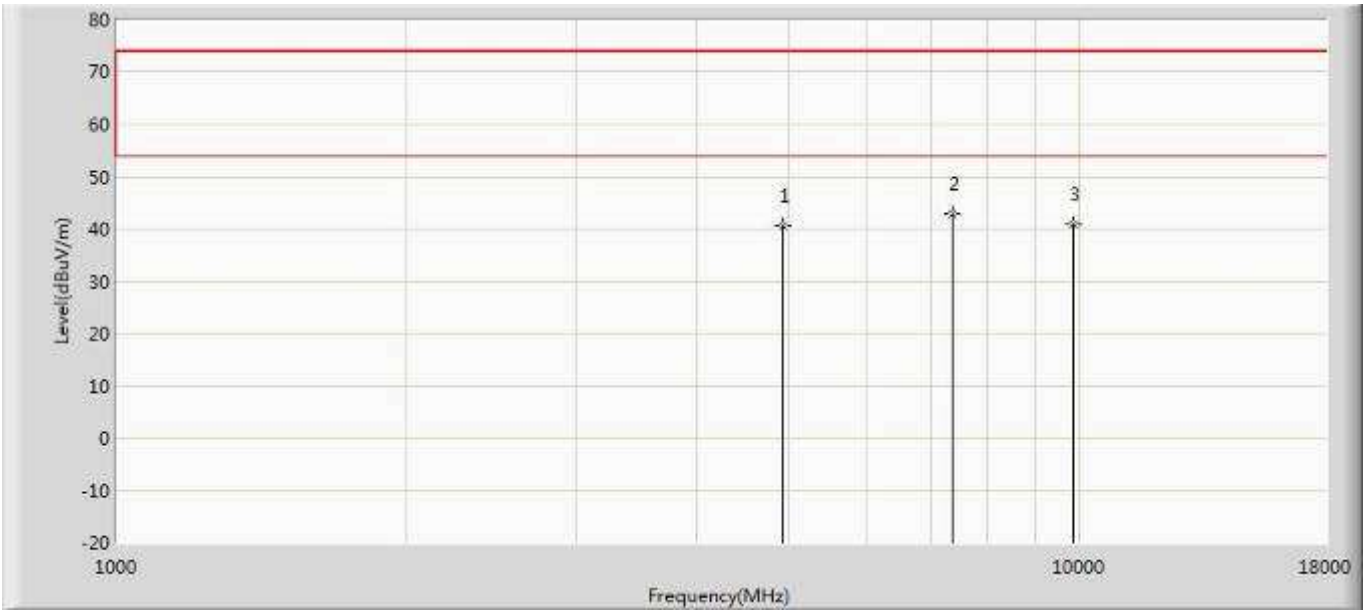
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.071	35.898	-32.929	74.000	5.173	PK
2	*	7311.000	48.110	40.371	-25.890	74.000	7.739	PK
3		9748.000	43.544	33.537	-30.456	74.000	10.007	PK

Profile: 1962097R	Page No.: 107
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）Beamforming	



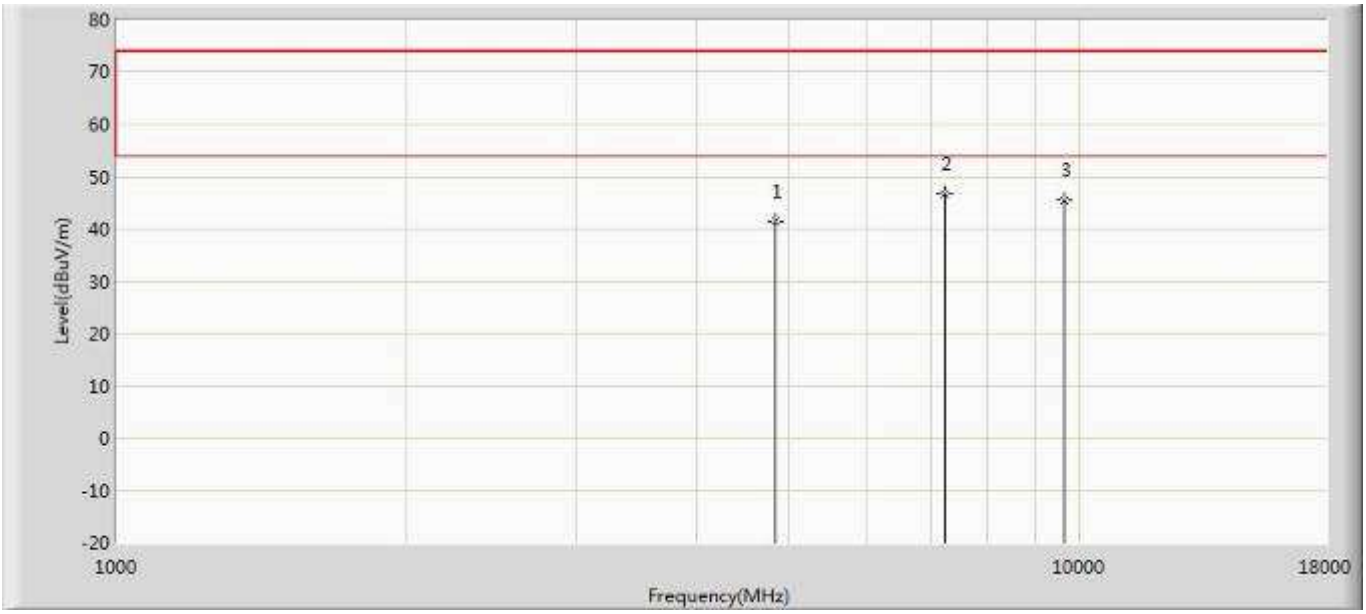
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.259	35.121	-33.741	74.000	5.137	PK
2	*	7386.000	43.089	35.179	-30.911	74.000	7.910	PK
3		9848.000	41.155	31.335	-32.845	74.000	9.820	PK

Profile: 1962097R	Page No.: 108
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2462MHz by 802.11ac（20MHz）Beamforming	



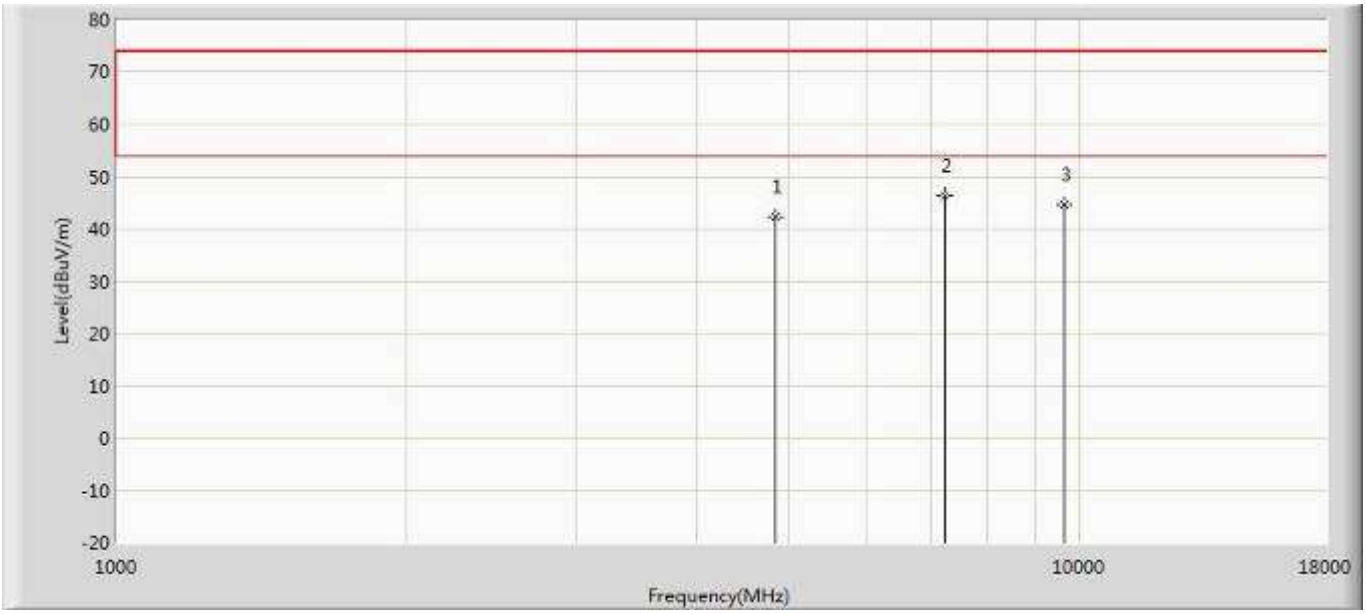
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.560	35.422	-33.440	74.000	5.137	PK
2	*	7386.000	42.797	34.887	-31.203	74.000	7.910	PK
3		9848.000	40.914	31.094	-33.086	74.000	9.820	PK

Profile: 1962097R	Page No.: 109
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) ANT 0	



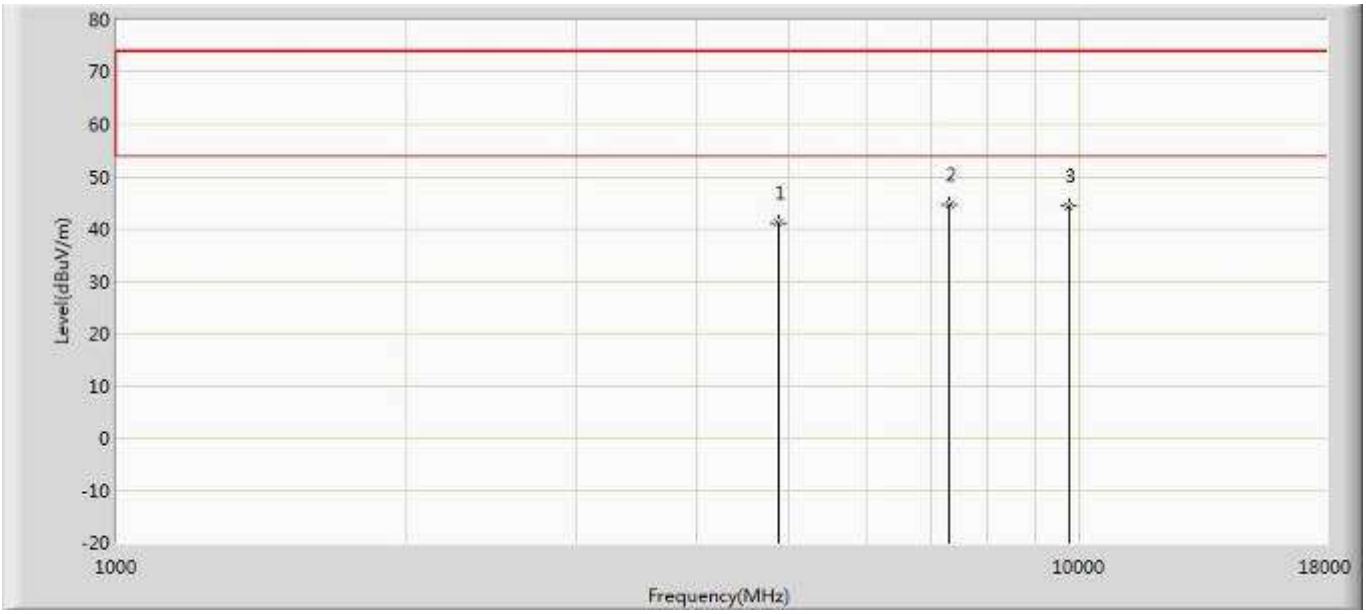
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.405	36.518	-32.595	74.000	4.887	PK
2	*	7236.000	46.723	38.868	-27.277	74.000	7.855	PK
3		9648.000	45.417	35.708	-28.583	74.000	9.709	PK

Profile: 1962097R	Page No.: 110
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) ANT 0	



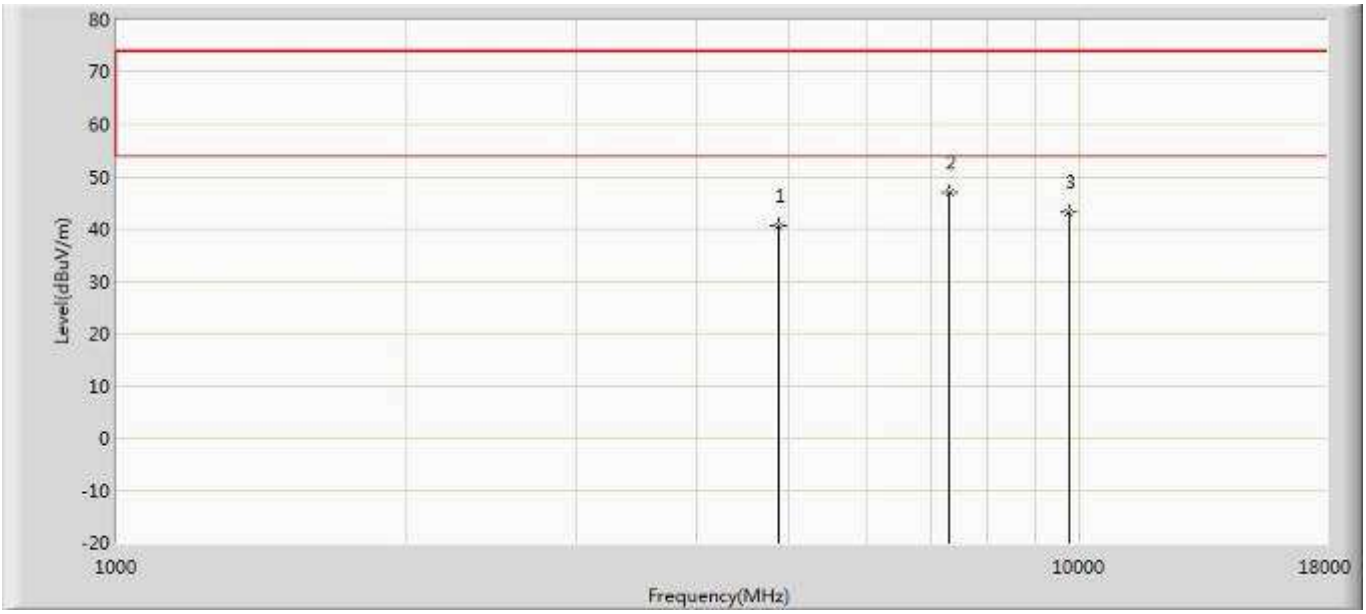
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.312	37.425	-31.688	74.000	4.887	PK
2	*	7236.000	46.464	38.609	-27.536	74.000	7.855	PK
3		9648.000	44.545	34.836	-29.455	74.000	9.709	PK

Profile: 1962097R	Page No.: 111
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) ANT 0	



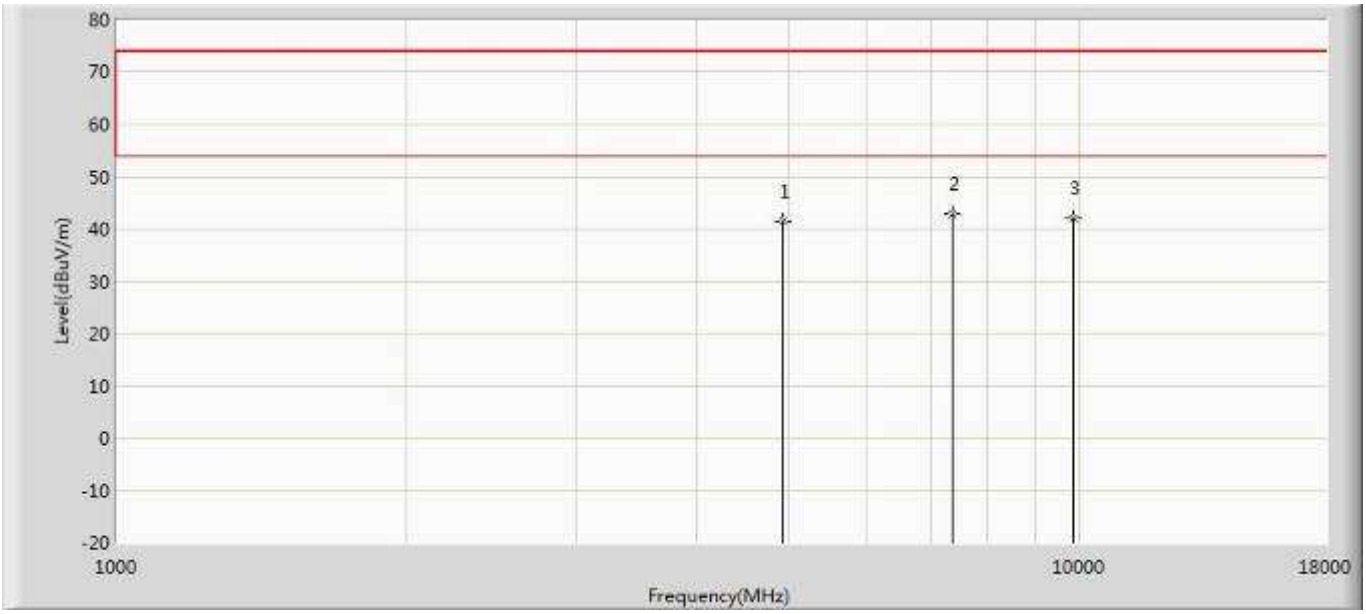
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.174	36.001	-32.826	74.000	5.173	PK
2	*	7311.000	44.693	36.954	-29.307	74.000	7.739	PK
3		9748.000	44.277	34.270	-29.723	74.000	10.007	PK

Profile: 1962097R	Page No.: 112
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) ANT 0	



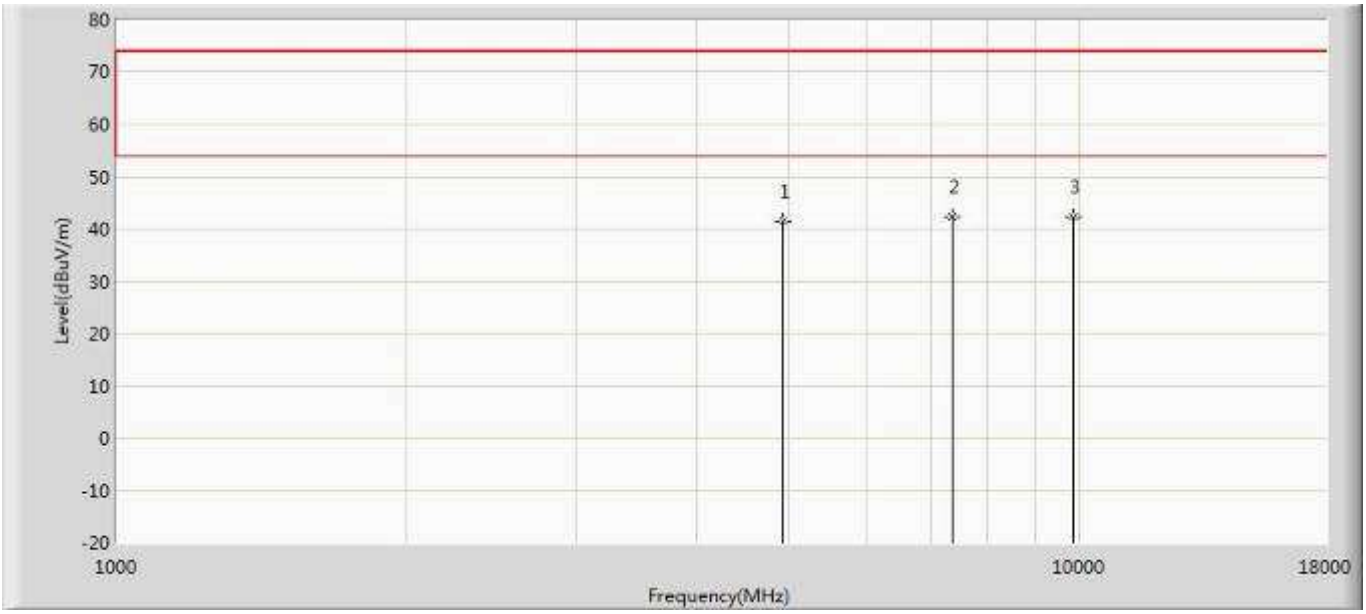
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.526	35.353	-33.474	74.000	5.173	PK
2	*	7311.000	47.013	39.274	-26.987	74.000	7.739	PK
3		9748.000	43.229	33.222	-30.771	74.000	10.007	PK

Profile: 1962097R	Page No.: 113
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) ANT 0	



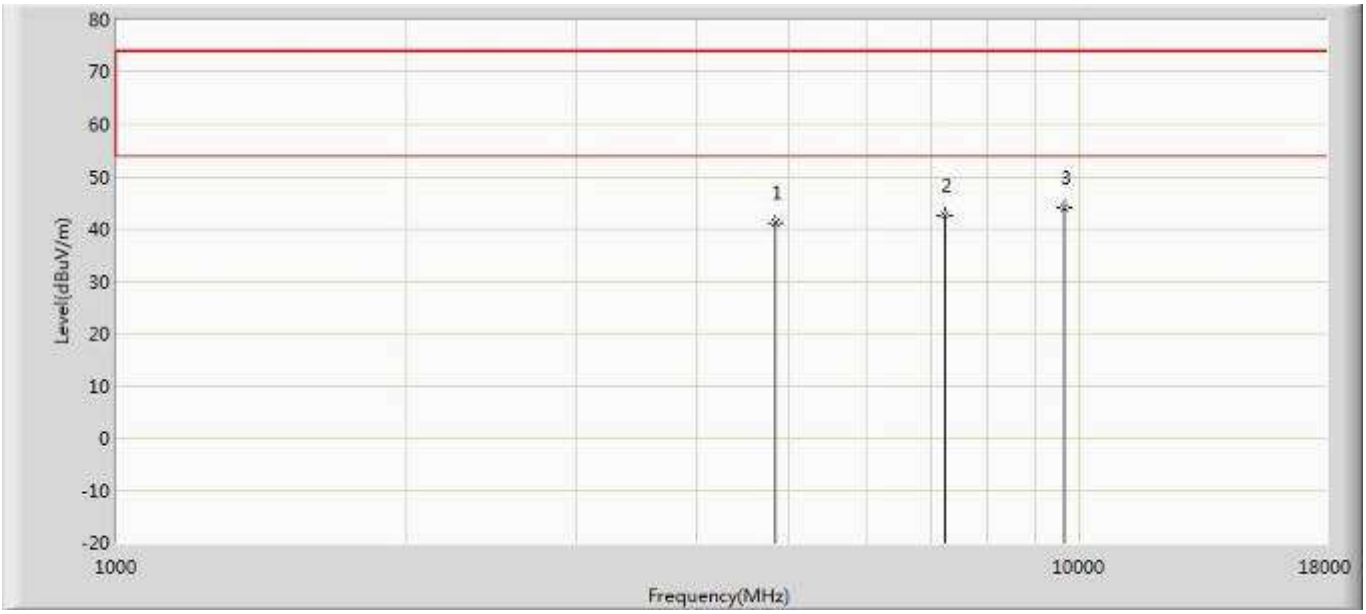
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.311	36.173	-32.689	74.000	5.137	PK
2	*	7386.000	43.019	35.109	-30.981	74.000	7.910	PK
3		9848.000	41.894	32.074	-32.106	74.000	9.820	PK

Profile: 1962097R	Page No.: 114
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) ANT 0	



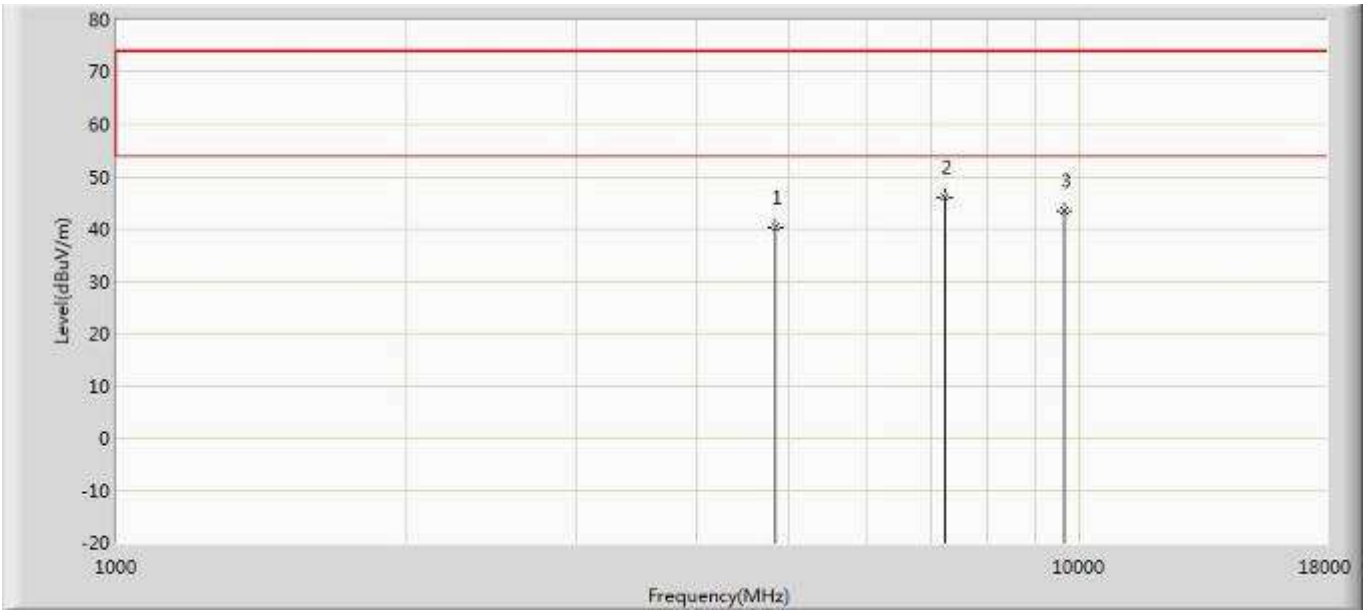
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.481	36.343	-32.519	74.000	5.137	PK
2		7386.000	42.374	34.464	-31.626	74.000	7.910	PK
3	*	9848.000	42.408	32.588	-31.592	74.000	9.820	PK

Profile: 1962097R	Page No.: 181
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) ANT 1	



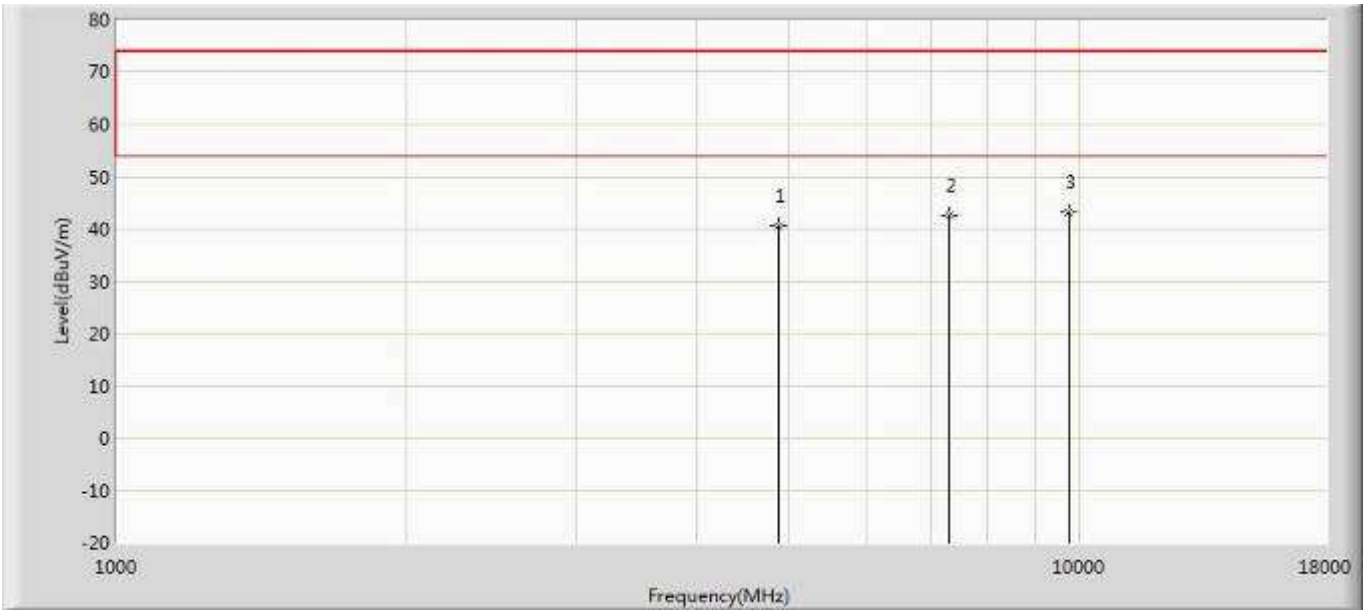
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.143	36.256	-32.857	74.000	4.887	PK
2		7236.000	42.571	34.716	-31.429	74.000	7.855	PK
3	*	9648.000	44.080	34.371	-29.920	74.000	9.709	PK

Profile: 1962097R	Page No.: 182
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) ANT 1	



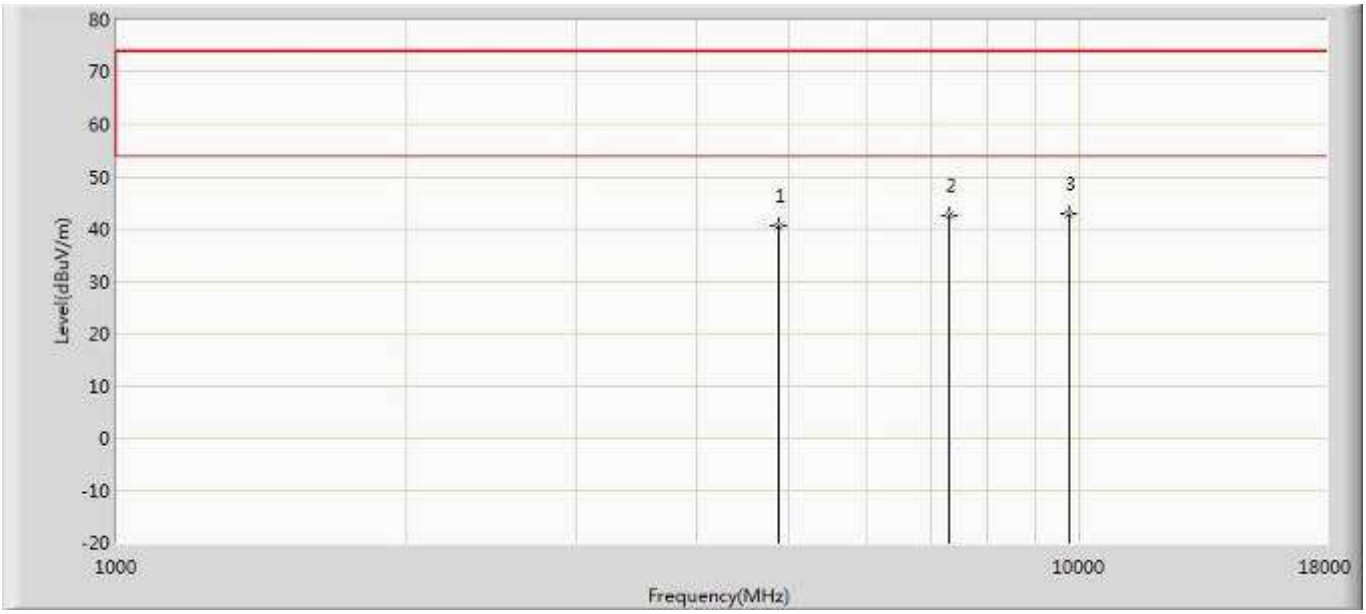
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.327	35.440	-33.673	74.000	4.887	PK
2	*	7236.000	46.089	38.234	-27.911	74.000	7.855	PK
3		9648.000	43.574	33.865	-30.426	74.000	9.709	PK

Profile: 1962097R	Page No.: 183
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) ANT 1	



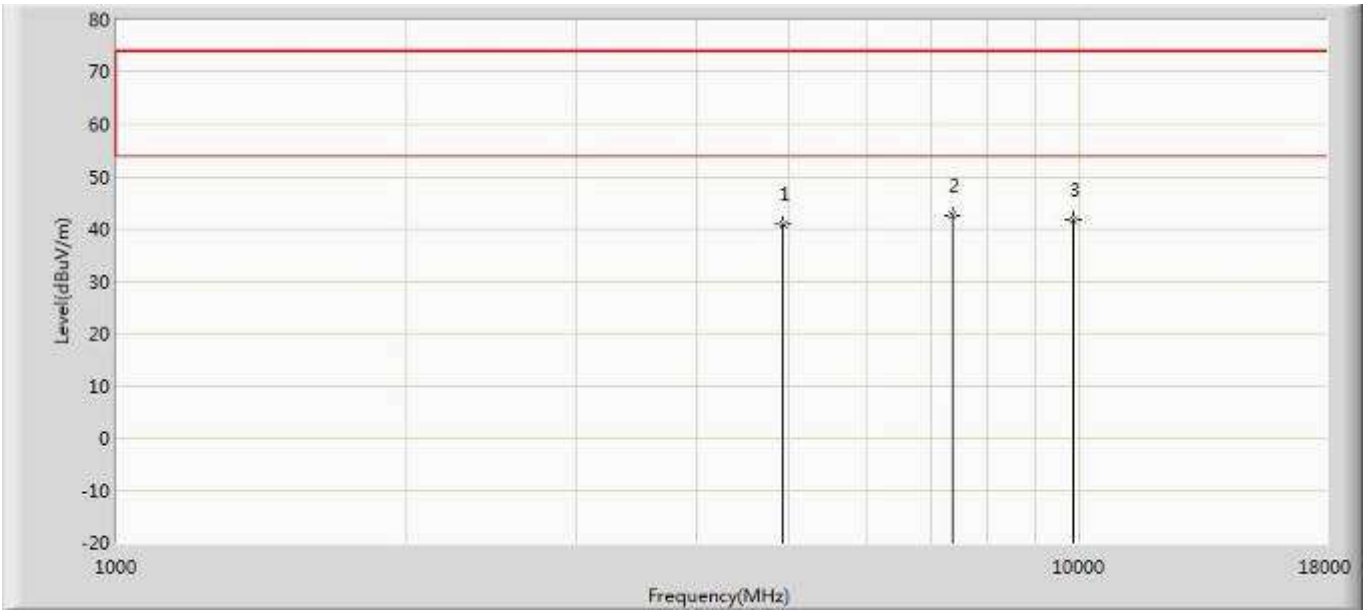
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.446	35.273	-33.554	74.000	5.173	PK
2		7311.000	42.685	34.946	-31.315	74.000	7.739	PK
3	*	9748.000	43.128	33.121	-30.872	74.000	10.007	PK

Profile: 1962097R	Page No.: 184
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) ANT 1	



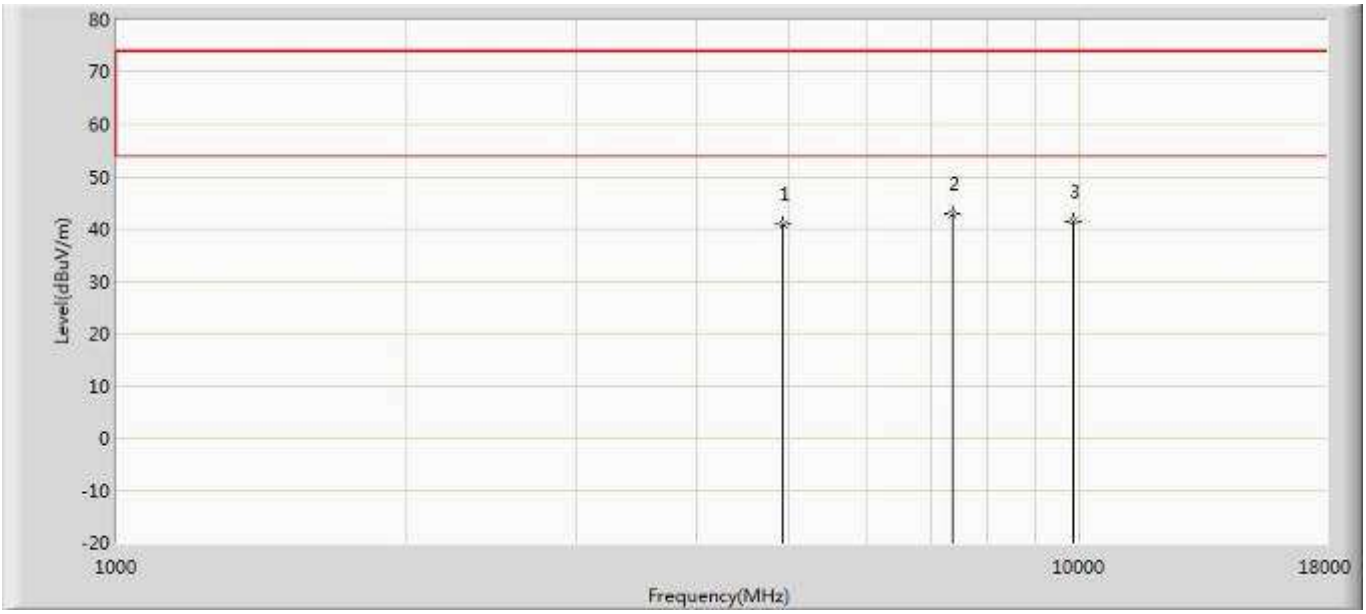
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.483	35.310	-33.517	74.000	5.173	PK
2		7311.000	42.619	34.880	-31.381	74.000	7.739	PK
3	*	9748.000	42.936	32.929	-31.064	74.000	10.007	PK

Profile: 1962097R	Page No.: 185
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) ANT 1	



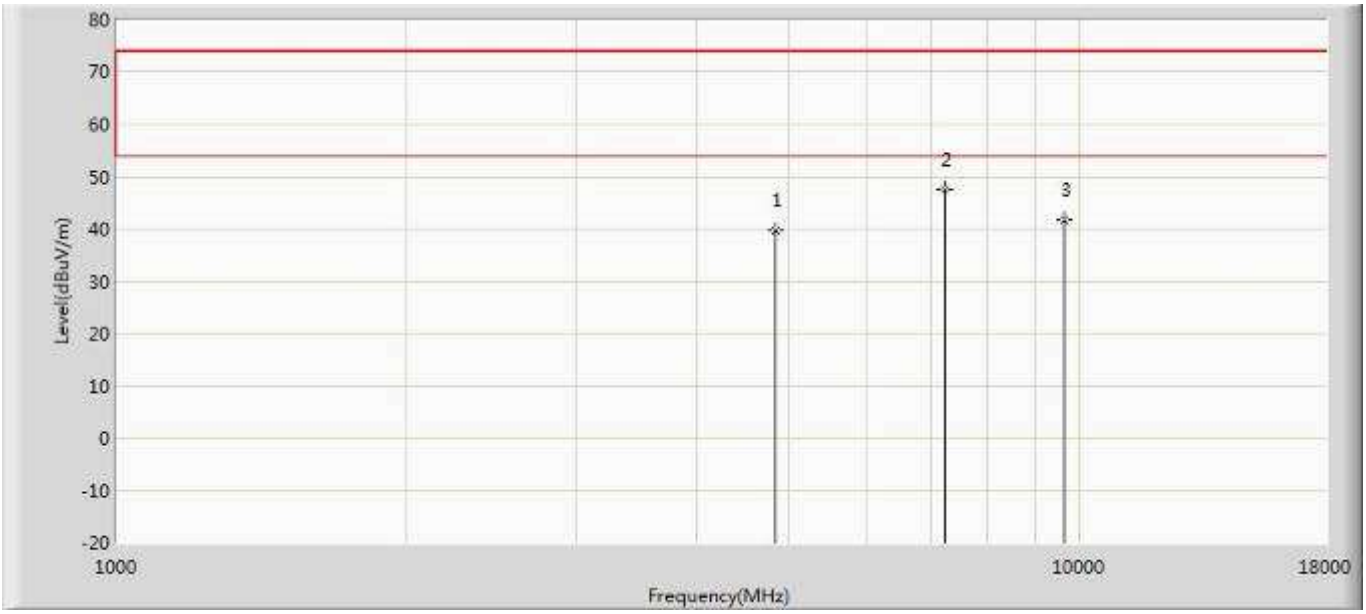
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.938	35.800	-33.062	74.000	5.137	PK
2	*	7386.000	42.636	34.726	-31.364	74.000	7.910	PK
3		9848.000	41.727	31.907	-32.273	74.000	9.820	PK

Profile: 1962097R	Page No.: 186
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) ANT 1	



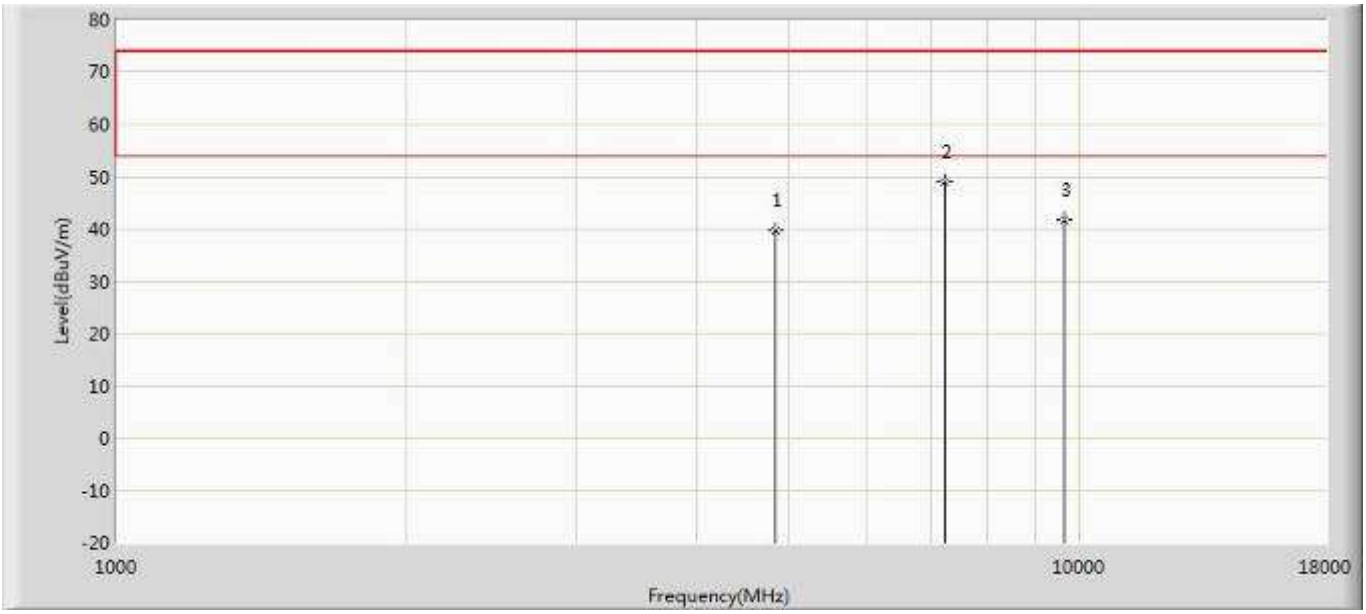
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.725	35.587	-33.275	74.000	5.137	PK
2	*	7386.000	43.000	35.090	-31.000	74.000	7.910	PK
3		9848.000	41.442	31.622	-32.558	74.000	9.820	PK

Profile: 1962097R	Page No.: 187
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) CDD	



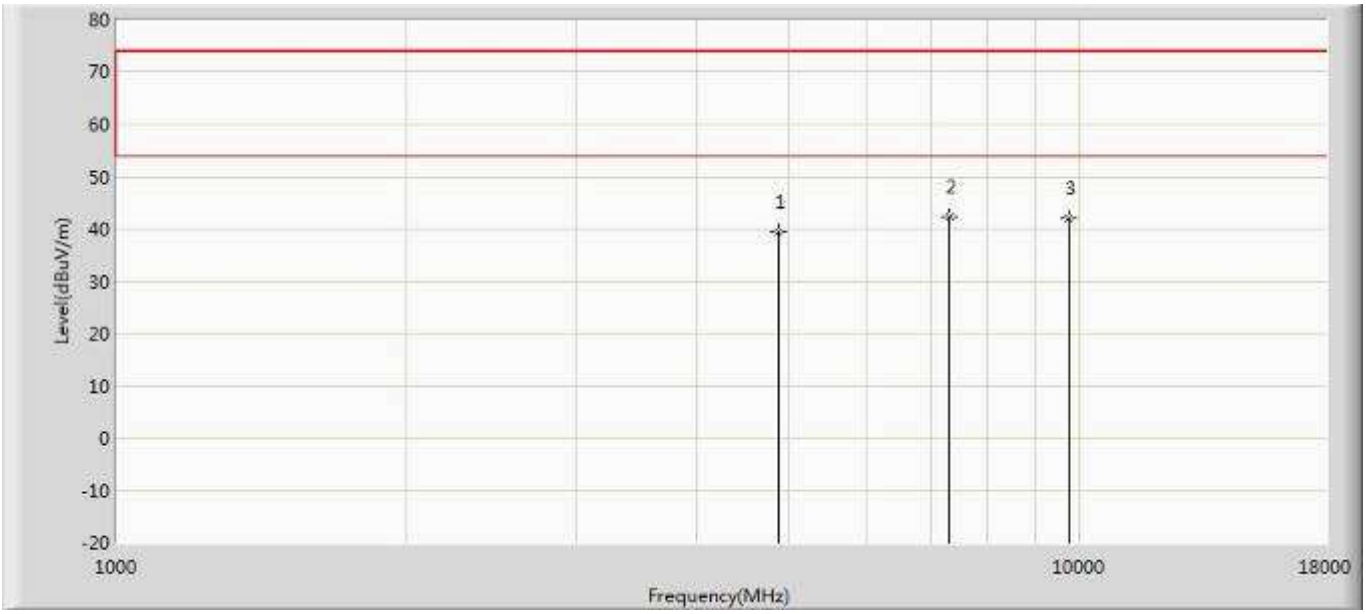
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.614	34.727	-34.386	74.000	4.887	PK
2	*	7236.000	47.674	39.819	-26.326	74.000	7.855	PK
3		9648.000	41.872	32.163	-32.128	74.000	9.709	PK

Profile: 1962097R	Page No.: 188
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax (20MHz) CDD	



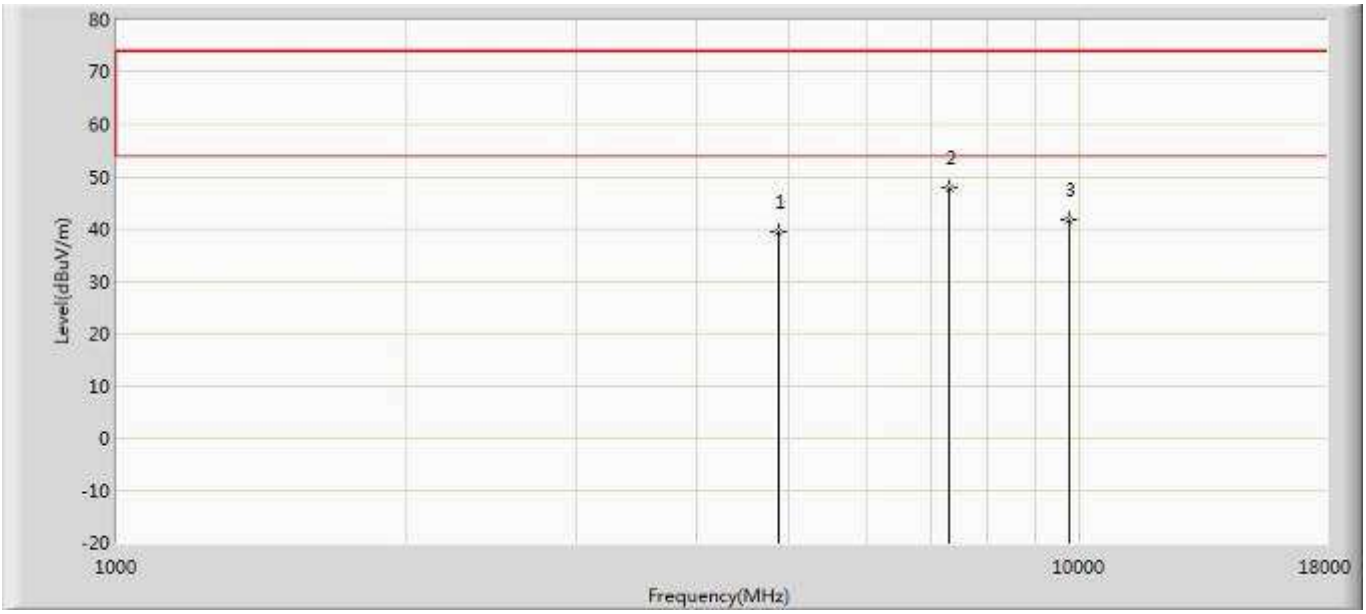
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.753	34.866	-34.247	74.000	4.887	PK
2	*	7236.000	49.113	41.258	-24.887	74.000	7.855	PK
3		9648.000	41.636	31.927	-32.364	74.000	9.709	PK

Profile: 1962097R	Page No.: 189
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) CDD	



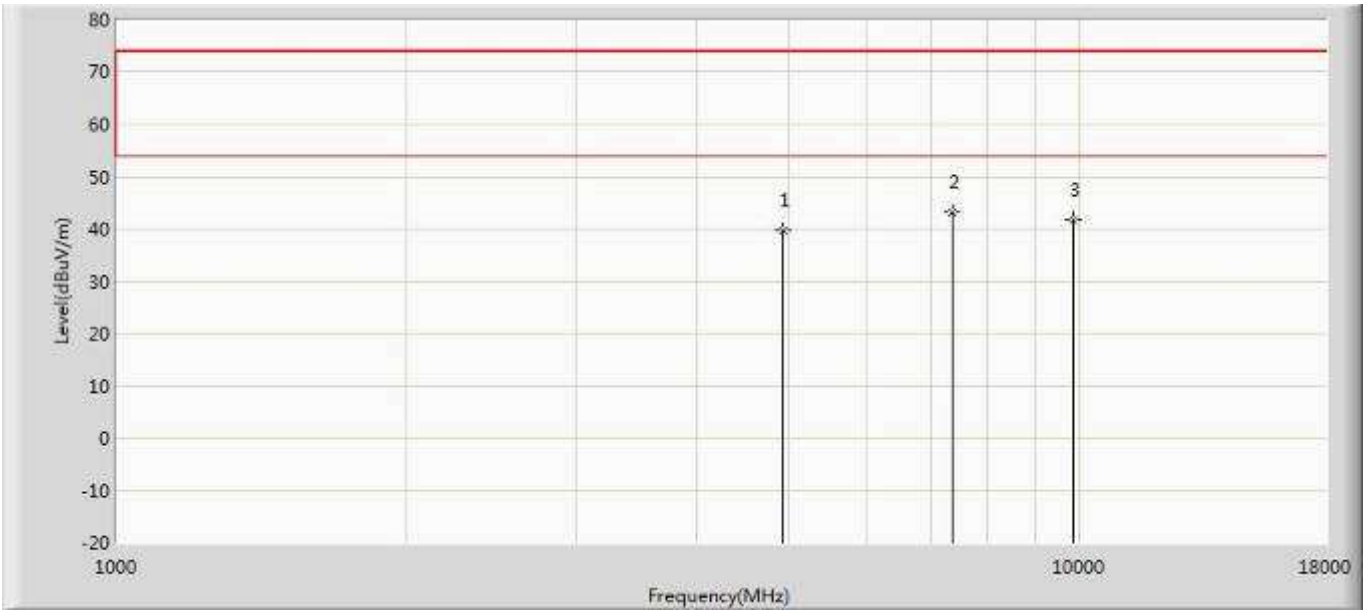
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.296	34.123	-34.704	74.000	5.173	PK
2	*	7311.000	42.242	34.503	-31.758	74.000	7.739	PK
3		9748.000	42.051	32.044	-31.949	74.000	10.007	PK

Profile: 1962097R	Page No.: 190
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax (20MHz) CDD	



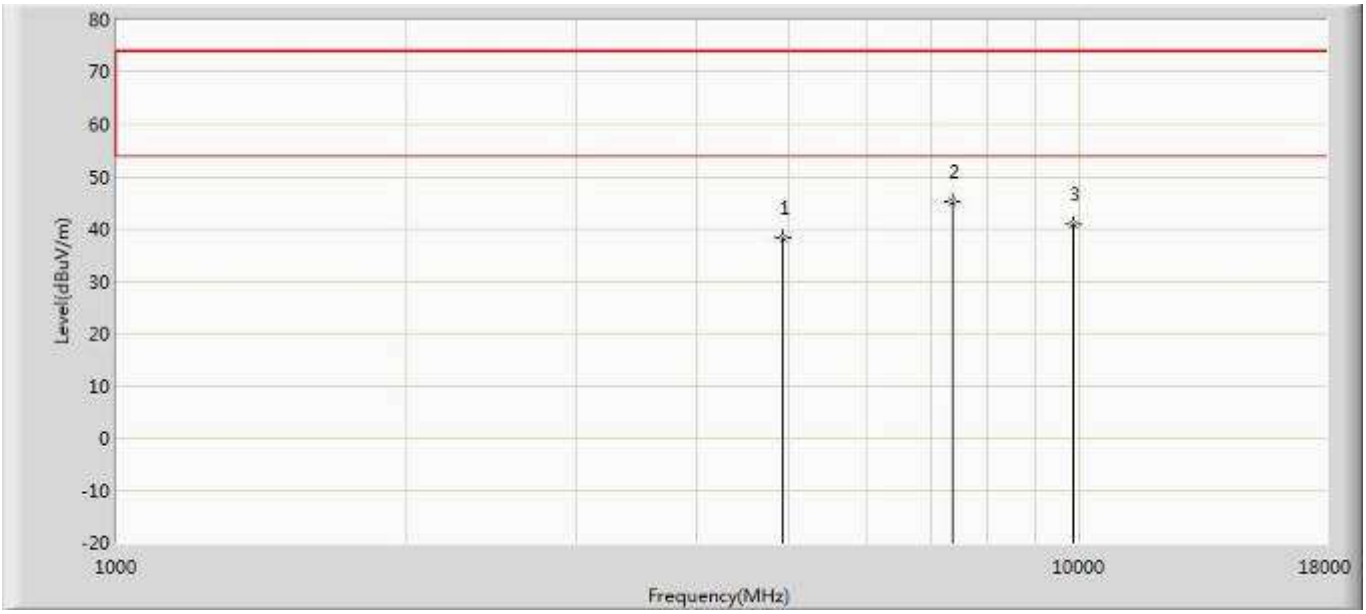
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.424	34.251	-34.576	74.000	5.173	PK
2	*	7311.000	47.759	40.020	-26.241	74.000	7.739	PK
3		9748.000	41.798	31.791	-32.202	74.000	10.007	PK

Profile: 1962097R	Page No.: 191
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) CDD	



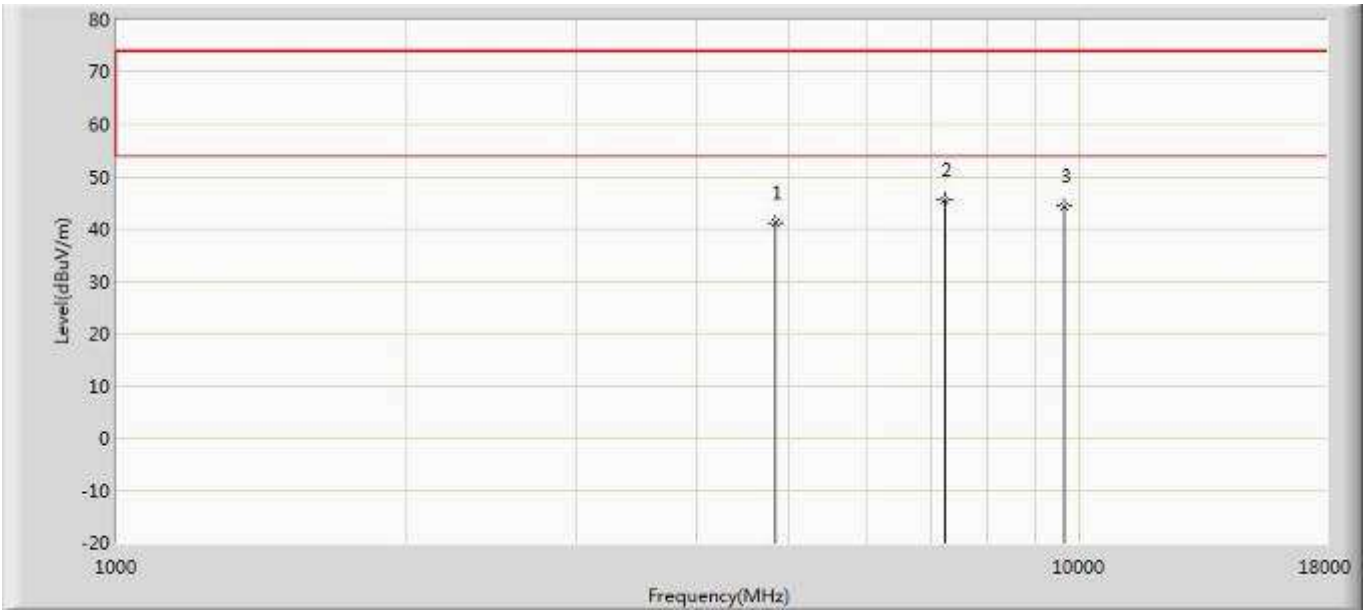
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.681	34.543	-34.319	74.000	5.137	PK
2	*	7386.000	43.080	35.170	-30.920	74.000	7.910	PK
3		9848.000	41.760	31.940	-32.240	74.000	9.820	PK

Profile: 1962097R	Page No.: 192
Engineer: Simon	
Site: AC5	Time: 2019/07/18 - 05:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax (20MHz) CDD	



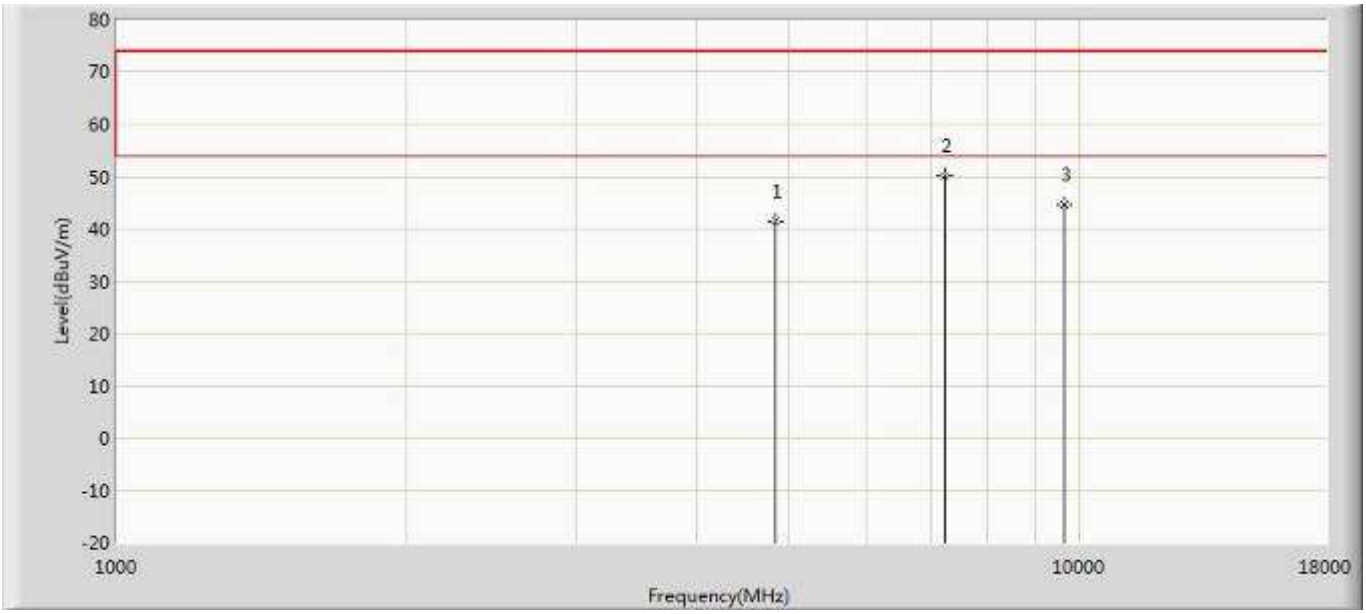
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.347	33.209	-35.653	74.000	5.137	PK
2	*	7386.000	45.125	37.215	-28.875	74.000	7.910	PK
3		9848.000	40.908	31.088	-33.092	74.000	9.820	PK

Profile: 1962097R	Page No.: 115
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax（20MHz）Beamforming	



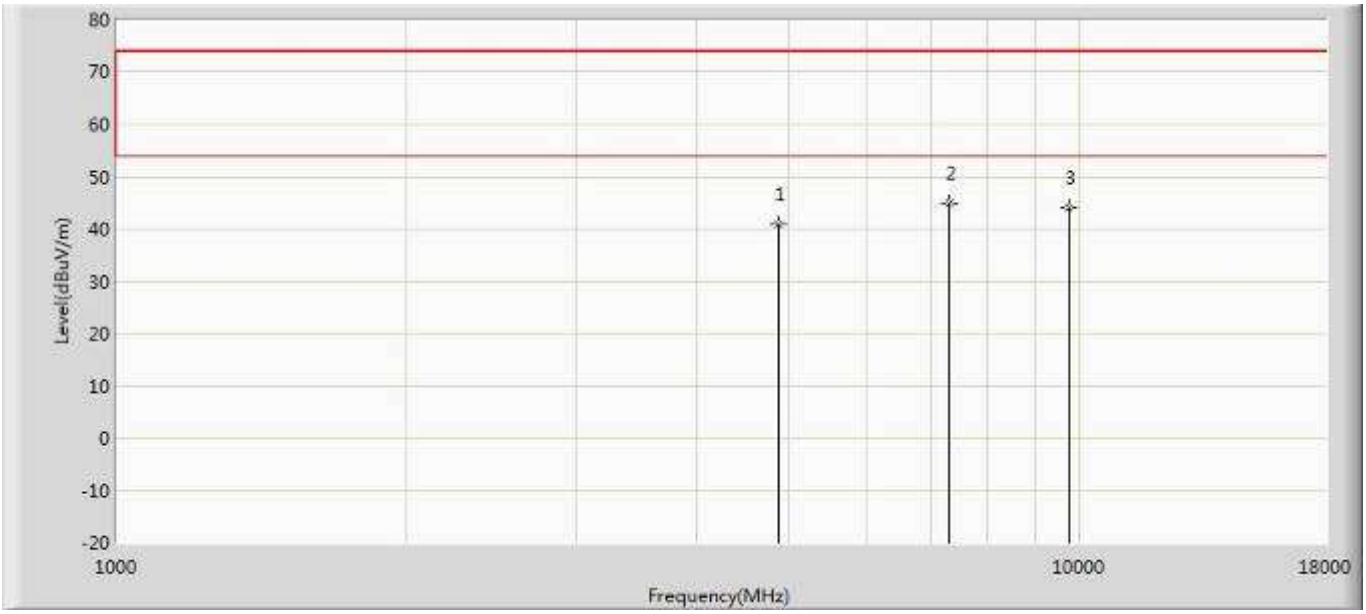
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.297	36.410	-32.703	74.000	4.887	PK
2	*	7236.000	45.442	37.587	-28.558	74.000	7.855	PK
3		9648.000	44.378	34.669	-29.622	74.000	9.709	PK

Profile: 1962097R	Page No.: 116
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412MHz by 802.11ax（20MHz）Beamforming	



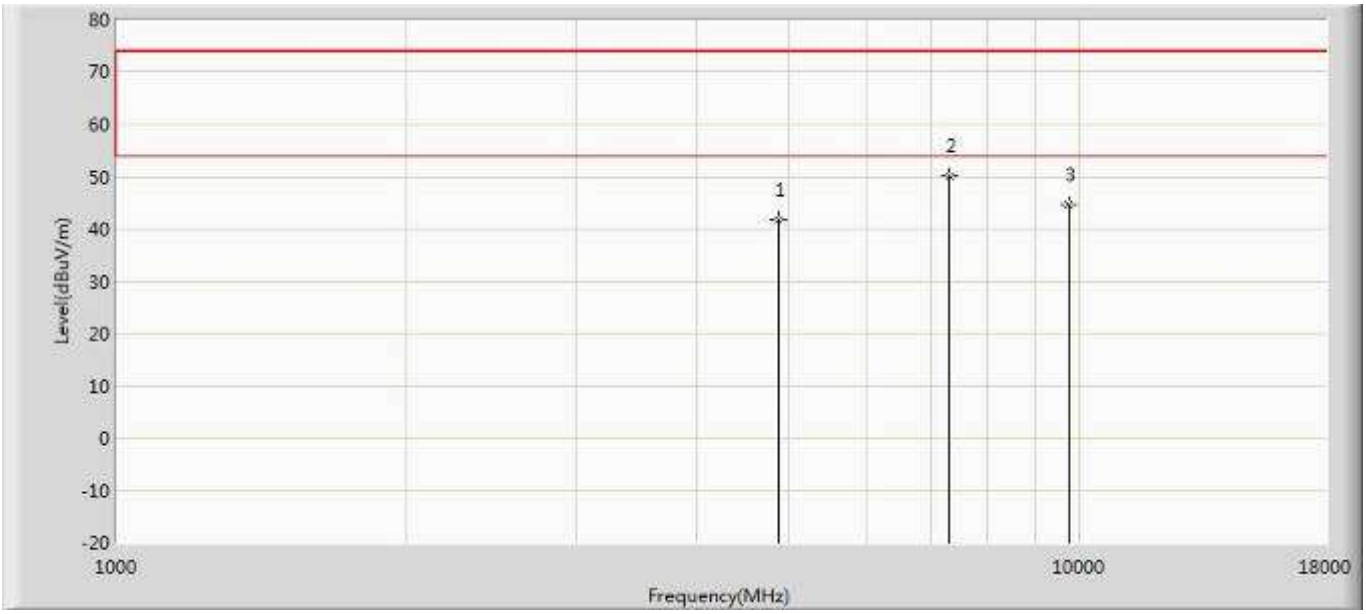
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.341	36.454	-32.659	74.000	4.887	PK
2	*	7236.000	50.048	42.193	-23.952	74.000	7.855	PK
3		9648.000	44.770	35.061	-29.230	74.000	9.709	PK

Profile: 1962097R	Page No.: 117
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax（20MHz）Beamforming	



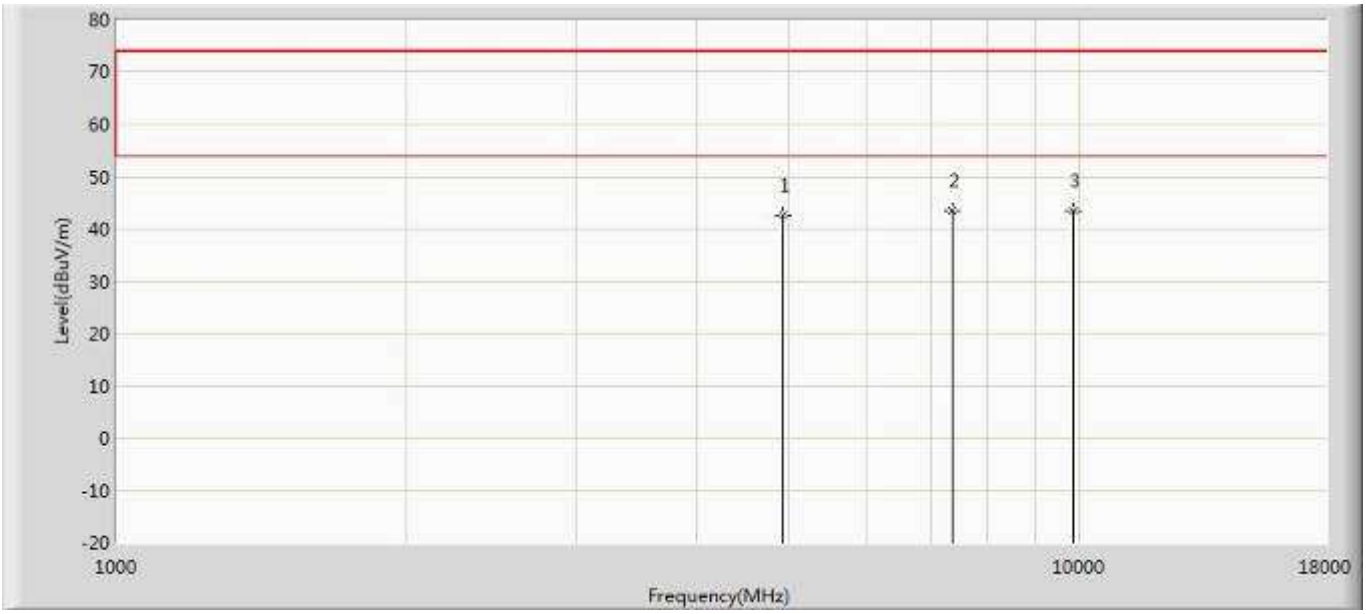
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.763	35.590	-33.237	74.000	5.173	PK
2	*	7311.000	44.888	37.149	-29.112	74.000	7.739	PK
3		9748.000	43.940	33.933	-30.060	74.000	10.007	PK

Profile: 1962097R	Page No.: 118
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437MHz by 802.11ax（20MHz）Beamforming	



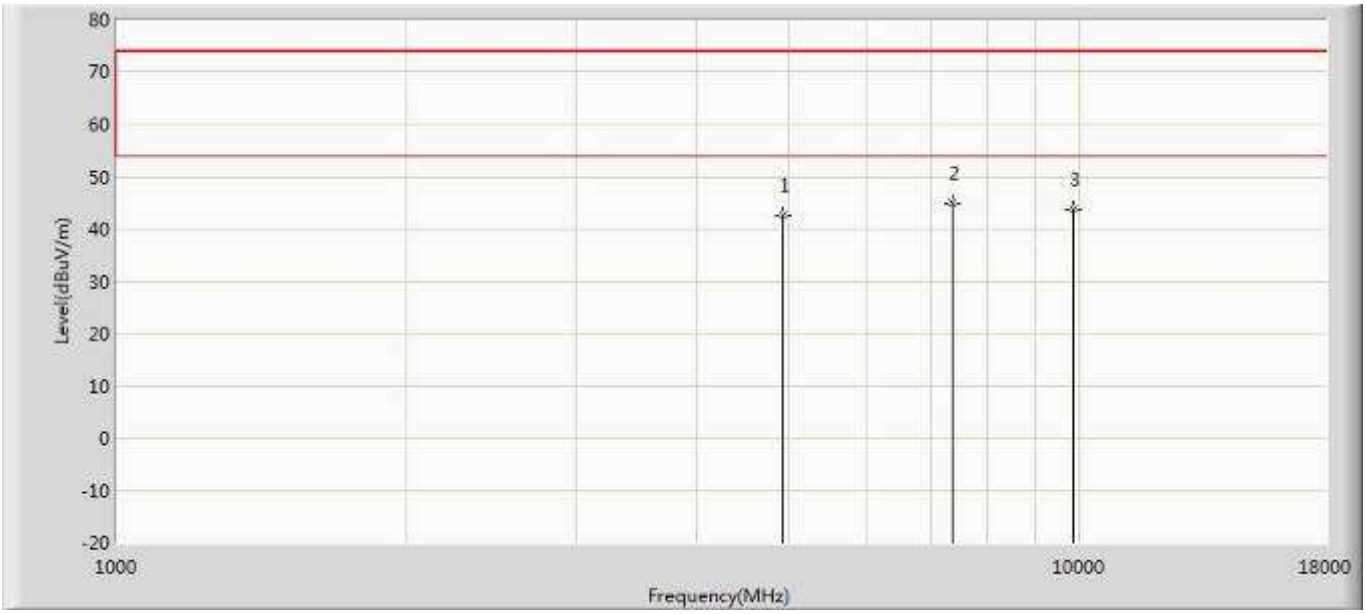
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.649	36.476	-32.351	74.000	5.173	PK
2	*	7311.000	50.102	42.363	-23.898	74.000	7.739	PK
3		9748.000	44.716	34.709	-29.284	74.000	10.007	PK

Profile: 1962097R	Page No.: 119
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax（20MHz）Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.714	37.576	-31.286	74.000	5.137	PK
2		7386.000	43.565	35.655	-30.435	74.000	7.910	PK
3	*	9848.000	43.595	33.775	-30.405	74.000	9.820	PK

Profile: 1962097R	Page No.: 120
Engineer: Simon	
Site: AC5	Time: 2019/07/16 - 00:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462MHz by 802.11ax（20MHz）Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.513	37.375	-31.487	74.000	5.137	PK
2	*	7386.000	44.820	36.910	-29.180	74.000	7.910	PK
3		9848.000	43.651	33.831	-30.349	74.000	9.820	PK

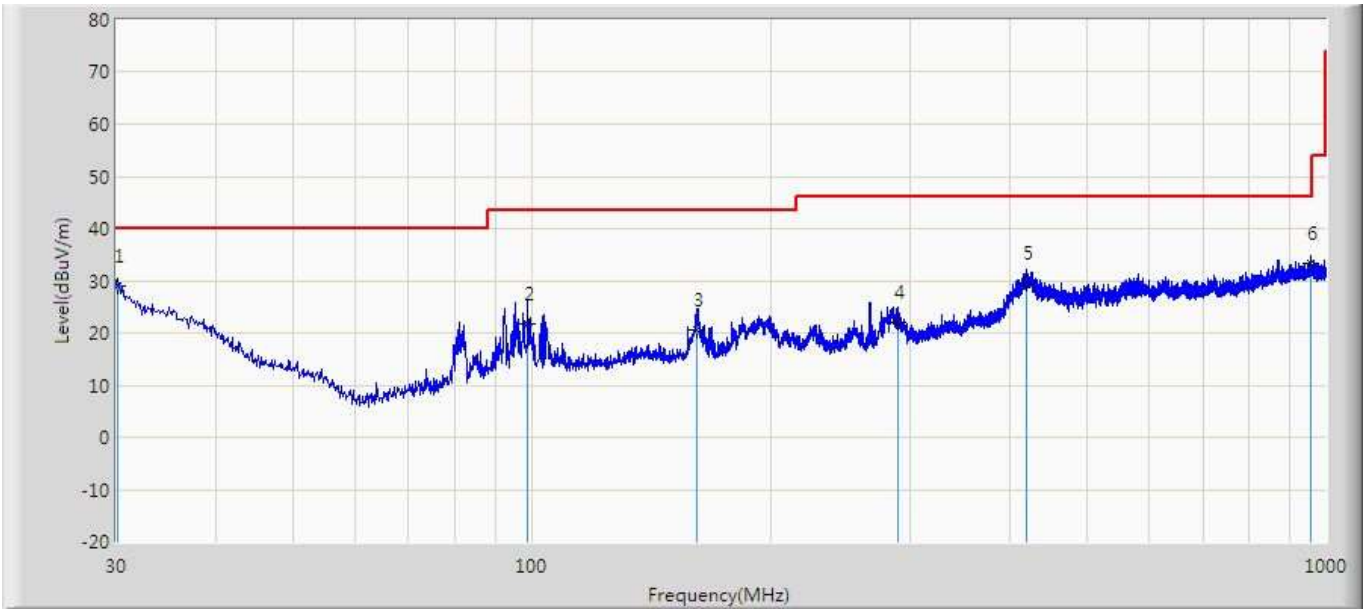
Note: 1. Measure Level = Reading Level + Factor.

Note: 2. The test frequency range, 9kHz~30MHz, 18GHz~25GHz, both of the worst case are at least 6dB below the limits, therefore no data appear in the report.

Note: 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.

The worst case of Radiated Emission below 1GHz:

Site: AC3	Time: 2019/08/01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1	



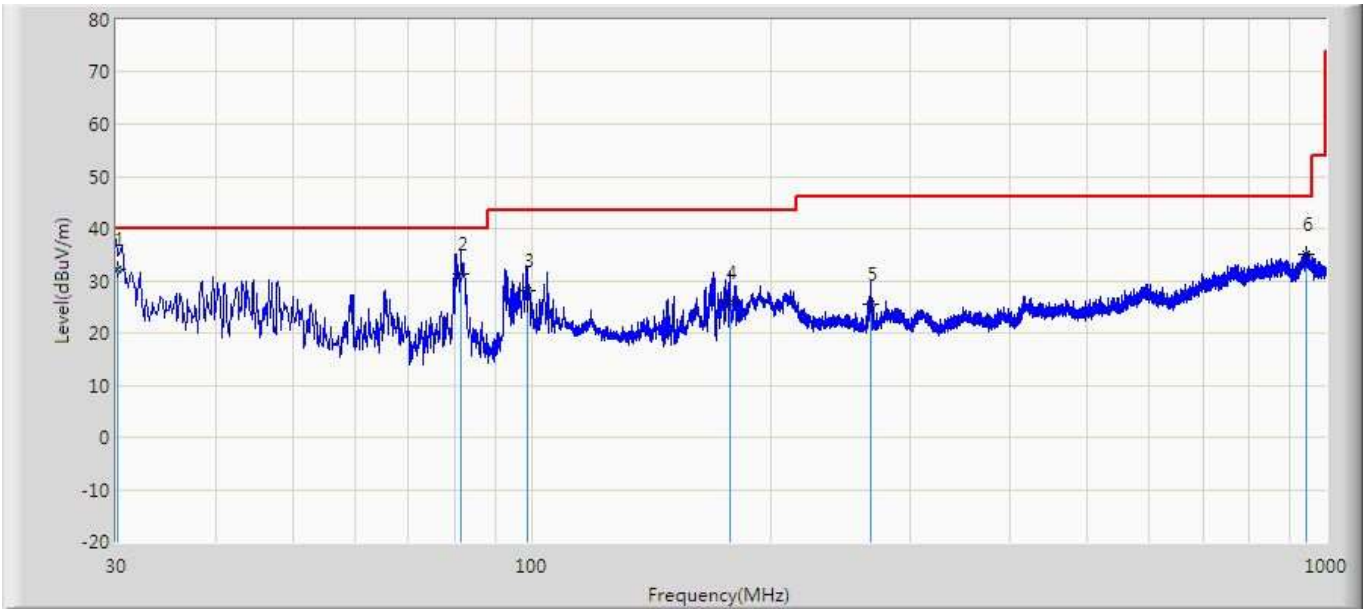
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	30.133	29.096	1.200	-10.904	40.000	21.442	6.454	0.000	200	302	QP
2		98.890	21.855	5.400	-21.645	43.500	9.612	6.843	0.000	100	208	QP
3		161.647	20.498	3.100	-23.002	43.500	10.271	7.127	0.000	100	115	QP
4		289.746	22.150	1.500	-23.850	46.000	13.070	7.580	0.000	100	89	QP
5		419.124	29.507	2.500	-16.493	46.000	19.049	7.958	0.000	100	55	QP
6		957.564	33.355	0.600	-12.645	46.000	23.539	9.216	0.000	100	154	QP

Note:

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

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

Site: AC3	Time: 2019/08/01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	30.136	32.161	8.100	-7.839	40.000	17.607	6.454	0.000	100	208	QP
2		81.566	31.449	15.800	-8.551	40.000	8.887	6.763	0.000	200	31	QP
3		98.900	27.983	6.300	-15.517	43.500	14.840	6.843	0.000	100	258	QP
4		177.570	25.821	7.900	-17.679	43.500	10.726	7.194	0.000	100	162	QP
5		267.165	25.434	2.600	-20.566	46.000	15.320	7.514	0.000	100	30	QP
6		943.790	34.954	0.600	-11.046	46.000	25.163	9.191	0.000	100	230	QP

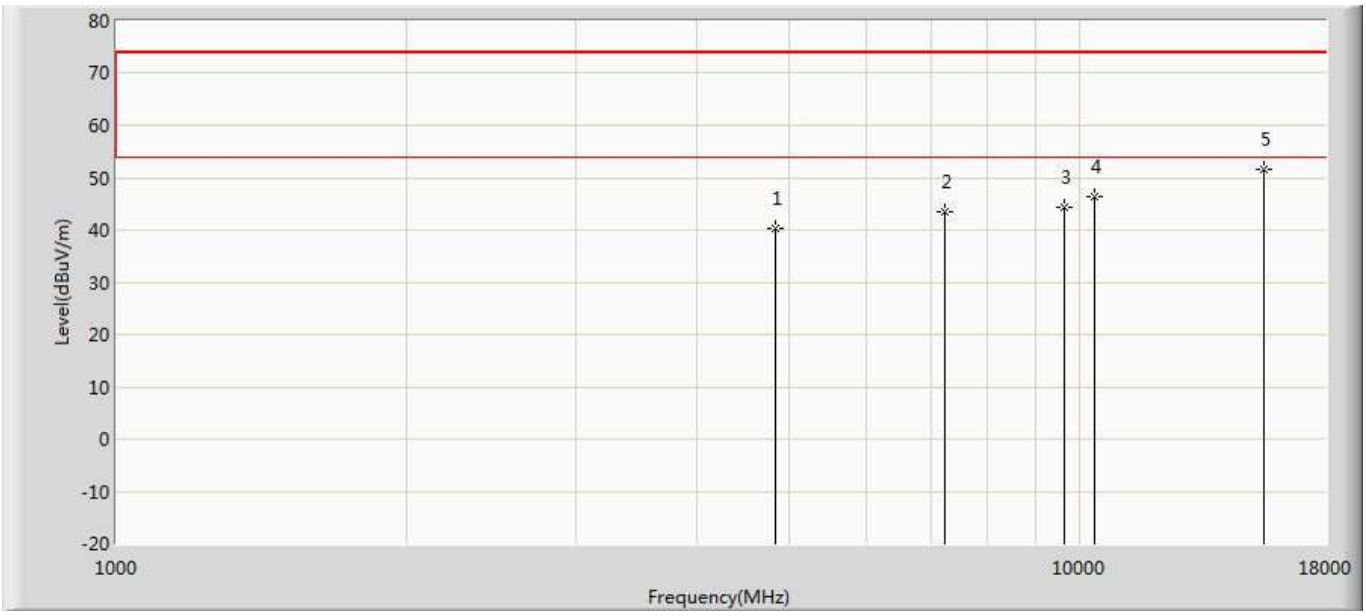
Note:

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

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

The worst case of Simultaneous Radiated Emission:

Engineer: Simon	
Site: AC5	Time: 2019/08/06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Simultaneous transmission with WIFI 2.4G+5G	



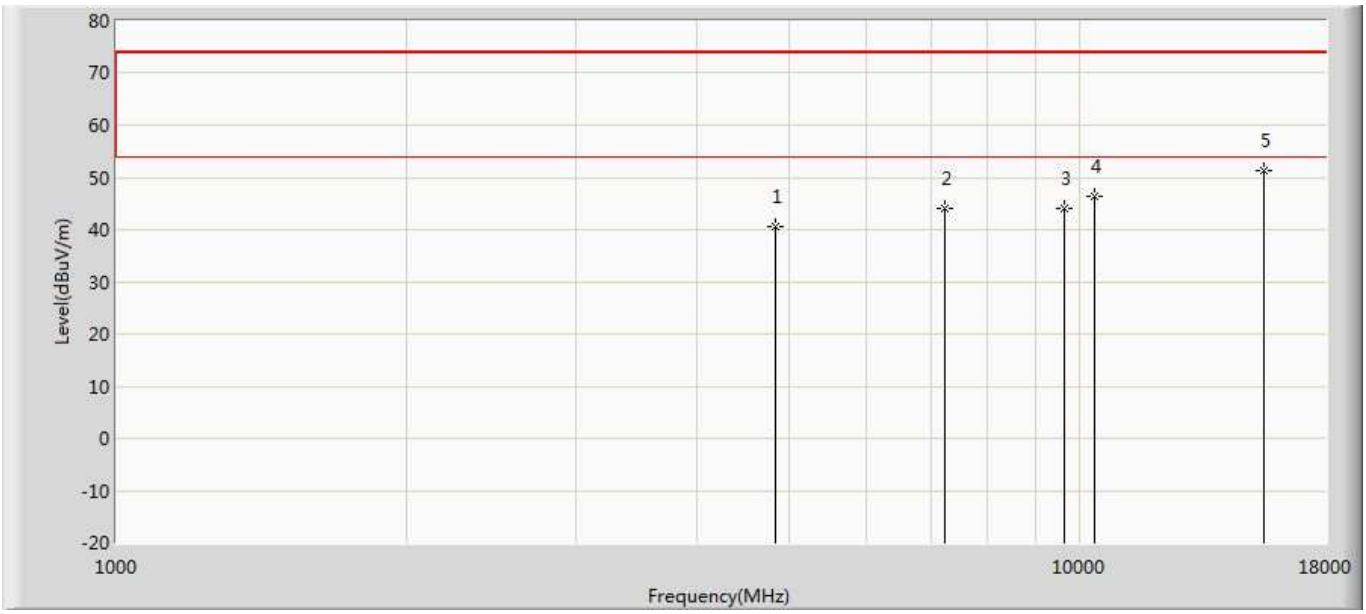
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.417	35.530	-33.583	74.000	4.887	PK
2		7236.000	43.428	35.573	-30.572	74.000	7.855	PK
3		9648.000	44.253	34.544	-29.747	74.000	9.709	PK
4		10360.000	46.476	34.957	-27.524	74.000	11.519	PK
5	*	15540.000	51.623	33.766	-22.377	74.000	17.857	PK

Note:

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

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

Engineer: Simon	
Site: AC5	Time: 2019/08/06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: Simultaneous transmission with WIFI 2.4G+5G	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.511	35.624	-33.489	74.000	4.887	PK
2		7236.000	44.145	36.290	-29.855	74.000	7.855	PK
3		9648.000	44.159	34.450	-29.841	74.000	9.709	PK
4		10360.000	46.426	34.907	-27.574	74.000	11.519	PK
5	*	15540.000	51.216	33.359	-22.784	74.000	17.857	PK

Note:

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

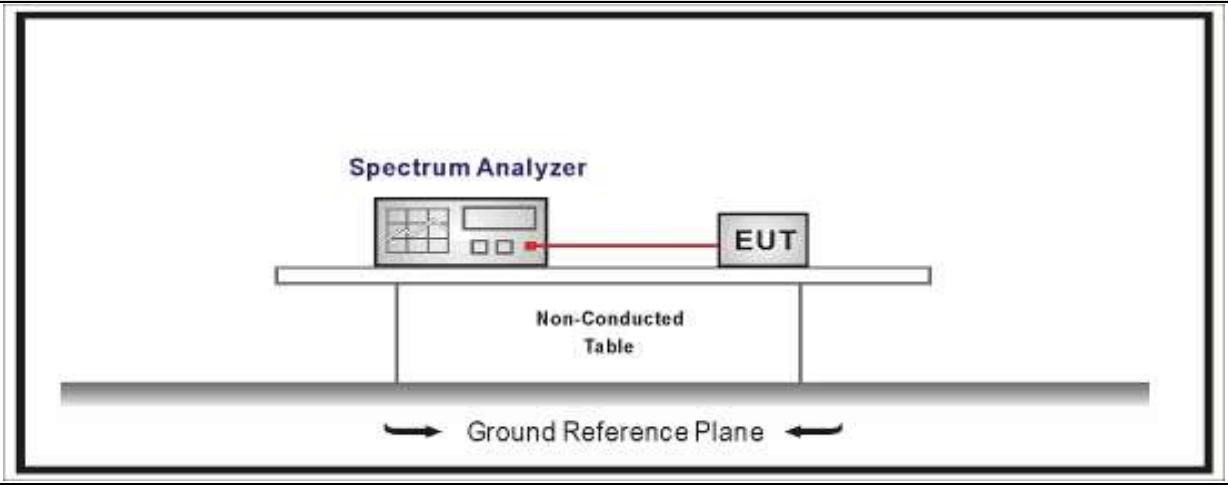
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

5. Emissions in non-restricted frequency bands

5.1. Test Equipment

Emissions in non-restricted frequency bands / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.02.04	2020.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2019.04.09	2020.04.08
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.04.09	2020.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2019.04.10	2020.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup

Emissions in non-restricted frequency bands


5.3. Limit

Un-Restricted Band Emissions Limit	
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30c(Note1)
RF Output power(PK detector)	20c(Note2)

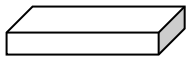
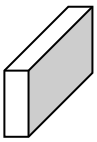
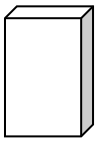
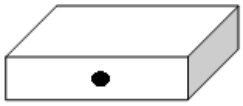
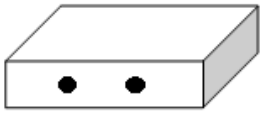
Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

5.4. Test Procedure

Test Method						
	References Rule				Chapter	Description
☒	ANSI C63.10				11.11	Emissions in non-restricted frequency bands
	☒	ANSI C63.10			11.11.2	Reference level measurement
	☒	ANSI C63.10			11.11.3	Emission level measurement
☐	ANSI C63.10				11.12	Emissions in restricted frequency bands
	☐	ANSI C63.10			11.12.1	Radiated emission measurements
	☐	ANSI C63.10			11.12.2.7	Radiated spurious emission test
☐	ANSI C63.10				6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10				6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☐	ANSI C63.10				6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
	☐	ANSI C63.10			11.12.2	Antenna-port conducted measurements
		☐	ANSI C63.10		11.12.2.3	Quasi-peak measurement procedure
		☐	ANSI C63.10		11.12.2.4	Peak power measurement procedure
		☐	ANSI C63.10		11.12.2.5	Average power measurement procedures
			☐	ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
			☐	ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
			☐	ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

5.5. EUT test Axis definition

<table>
<tr><th>Item</th><th colspan="4">Emissions in non-restricted frequency bands</th></tr>
<tr><td rowspan="3">Device Category</td><td>☐</td><td colspan="3">Fixed point-to-point</td></tr>
<tr><td>☐</td><td colspan="3">Emit multiple directional beams, simultaneously or sequentially</td></tr>
<tr><td>☒</td><td colspan="3">Other cases</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~5</td></tr>
<tr><td rowspan="13">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☒</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

5.6. Test Result

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Mode1~5	Test Site	:	TR8
Test Date	:	2019.07.09	Test Engineer	:	Eric

Mode	Channel	Test Frequency (MHz)	Maximum In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
1	01	2412	18.674	2400	-30.200	48.874	>30	Pass
1	11	2462	18.550	2500	-54.620	73.170	>30	Pass
2	01	2412	6.382	2400	-30.126	36.508	>30	Pass
2	11	2462	4.848	2500	-48.349	53.197	>30	Pass
3	01	2412	6.842	2400	-30.457	37.299	>30	Pass
3	11	2462	4.751	2500	-49.260	54.011	>30	Pass
4	01	2412	7.141	2400	-27.697	34.838	>30	Pass
4	11	2462	4.701	2500	-49.132	53.833	>30	Pass
5	01	2412	6.773	2400	-25.740	32.513	>30	Pass
5	11	2462	2.694	2500	-48.837	51.531	>30	Pass
Note: The worst case of emissions in non-restricted frequency bands as below:								

Mode 4 CH01(2412MHz)

6. Band Edge

6.1. Test Equipment

Emissions in non-restricted frequency bands / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.02.04	2020.02.03
Signal Analyzer	R&S	FSV	104212	2019.02.23	2020.02.22
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2019.04.09	2020.04.08
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.04.09	2020.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2019.04.10	2020.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					