



C2PC Test Report

FCC Part15 Subpart C

Product Name : Wireless Access point

Model No. : AP122, AP122X

FCC ID : WBV-AP122

Applicant : Aerohive Networks, Inc.

Address : Aerohive Networks, 1011 McCarthy Boulevard,
Milpitas, CA 95035, United States

Date of Receipt : Oct. 10, 2017

Test Date : Oct. 10, 2017~ Nov. 24, 2017

Issued Date : Nov. 28, 2017

Report No. : 17A2003R-RF-US-P06V01

Report Version : V1.0

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF, A2LA or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.

Test Report Certification

Issued Date : Nov. 28, 2017
Report No. : 17A2003R-RF-US-P06V01



Product Name : Wireless Access point
Applicant : Aerohive Networks, Inc.
Address : Aerohive Networks, 1011 McCarthy Boulevard, Milpitas, CA 95035, United States
Manufacturer : Aerohive Networks, Inc.
Address : Aerohive Networks, 1011 McCarthy Boulevard, Milpitas, CA 95035, United States
Model No. : AP122, AP122X
FCC ID : WBV-AP122
EUT Voltage : PoE 48V
Test Voltage : AC 120V/60Hz
Brand Name : Aerohive
Applicable Standard : FCC CFR Title 47 Part 15 Subpart C
ANSI C63.10:2013;
KDB 558074 D01v04
KDB 662911 D01 Multiple Transmitter Output v02r01
Test Result : Complied
Performed Location : DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006,
Jiangsu, China
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098
FCC Designation Number: CN1199

Documented By : Kathy Feng

(Project Assistant: Kathy Feng)

Reviewed By : Frank He

(Senior Engineer: Frank He)

Approved By : Harry Zhao

(Engineering Manager: Harry Zhao)

TABLE OF CONTENTS

Description	Page
1. General Information.....	6
1.1. EUT Description	6
1.2. Working Frequency of Each Channel:	7
1.3. Antenna information	8
1.4. Mode of Operation.....	9
1.5. Tested System Details	9
1.6. Configuration of Tested System.....	10
2. Technical Test	11
2.1. Summary of Test Result.....	11
2.2. Test Frequency configuration:.....	12
2.3. Power setting parameter.....	13
2.4. Power vs Data Rate.....	14
2.5. Test Environment.....	16
2.6. Measurement Uncertainty.....	16
3. AC Power Line Conducted Emission.....	17
3.1. Test Equipment.....	17
3.2. Test Setup.....	17
3.3. Limit	18
3.4. Test Procedure	18
3.5. Test Result.....	19
4. Emissions in restricted frequency bands	23
4.1. Test Equipment.....	23
4.2. Test Setup.....	24
4.3. Limit	25
4.4. Test Procedure	27
4.5. EUT test Axis definition.....	28
4.6. Test Result.....	29
5. Radiated Emission Band Edge	95
5.1. Test Equipment.....	95
5.2. Test Setup.....	96
5.3. Limit	96
5.4. Test Procedure	97
5.5. EUT test definition	98
5.6. Duty Cycle	99
5.7. Test Result.....	100
6. Fundamental emission output power.....	220
6.1. Test Equipment.....	220

6.2.	Test Setup.....	220
6.3.	Limit.....	221
6.4.	Test Procedure	222
6.5.	EUT test definition	224
6.6.	Test Result.....	225
7.	Power Spectral Density	227
7.1.	Test Equipment.....	227
7.2.	Test Setup.....	227
7.3.	Limit.....	227
7.4.	Test Procedure	228
7.5.	EUT test definition	230
7.6.	Test Result.....	231
8.	Antenna Requirement.....	233
8.1.	Limit.....	233
8.2.	Antenna Connector Construction.....	233

History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
17A2003R-RF-US-P06V01	V1.0	Initial Issued Report	Nov. 28, 2017

1. General Information

1.1. EUT Description

Product Name	Wireless Access point
Brand Name	Aerohive
Model No.	AP122, AP122X
EUT Voltage	PoE 48V
Frequency Range	For 2.4GHz Band 802.11b/g/n(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, 128QAM, 256QAM
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 300 Mbps
Channel Control	Auto

Note:

1. Adding a model AP122X, the difference is as below:

	Antenna Type	Max Antenna Gain(2.4G)	Max Antenna Gain(5G)
AP122	Internal PIFA Antenna	3.8 dBi	5.44 dBi
AP122X	External Dipole Antenna	4 dBi	4 dBi

a) Working Frequency of Each Channel:

802.11b/g/n(20MHz) 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

b) Antenna information

Model No.	N/A					
Antenna manufacturer	N/A					
Antenna Delivery	<input checked="" type="checkbox"/>	1*TX+1*RX	<input checked="" type="checkbox"/>	2*TX+2*RX	<input type="checkbox"/>	3*TX+3*RX
Antenna technology	<input checked="" type="checkbox"/>	SISO				
	<input checked="" type="checkbox"/>	MIMO	<input type="checkbox"/>	Basic		
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	CDD		
	<input type="checkbox"/>		<input type="checkbox"/>	Sectorized		
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Beam-forming		
Antenna Type	<input checked="" type="checkbox"/>	External	<input checked="" type="checkbox"/>	Dipole		
	<input checked="" type="checkbox"/>		<input type="checkbox"/>	Sectorized		
	<input type="checkbox"/>	Internal	<input type="checkbox"/>	PIFA		
	<input type="checkbox"/>		<input type="checkbox"/>	PCB		
	<input type="checkbox"/>		<input type="checkbox"/>	Ceramic Chip Antenna		
	<input type="checkbox"/>		<input type="checkbox"/>	Metal plate type F antenna		
Antenna Technology	Ant Gain (dBi)			Directional Gain (dBi)		
				For Power	For PSD	
<input checked="" type="checkbox"/> CDD	Ant1:4 Ant2: 4			4	7.01	
<input checked="" type="checkbox"/> Beam-forming	Ant1:4 Ant2: 4			7.01	7.01	

c) Mode of Operation

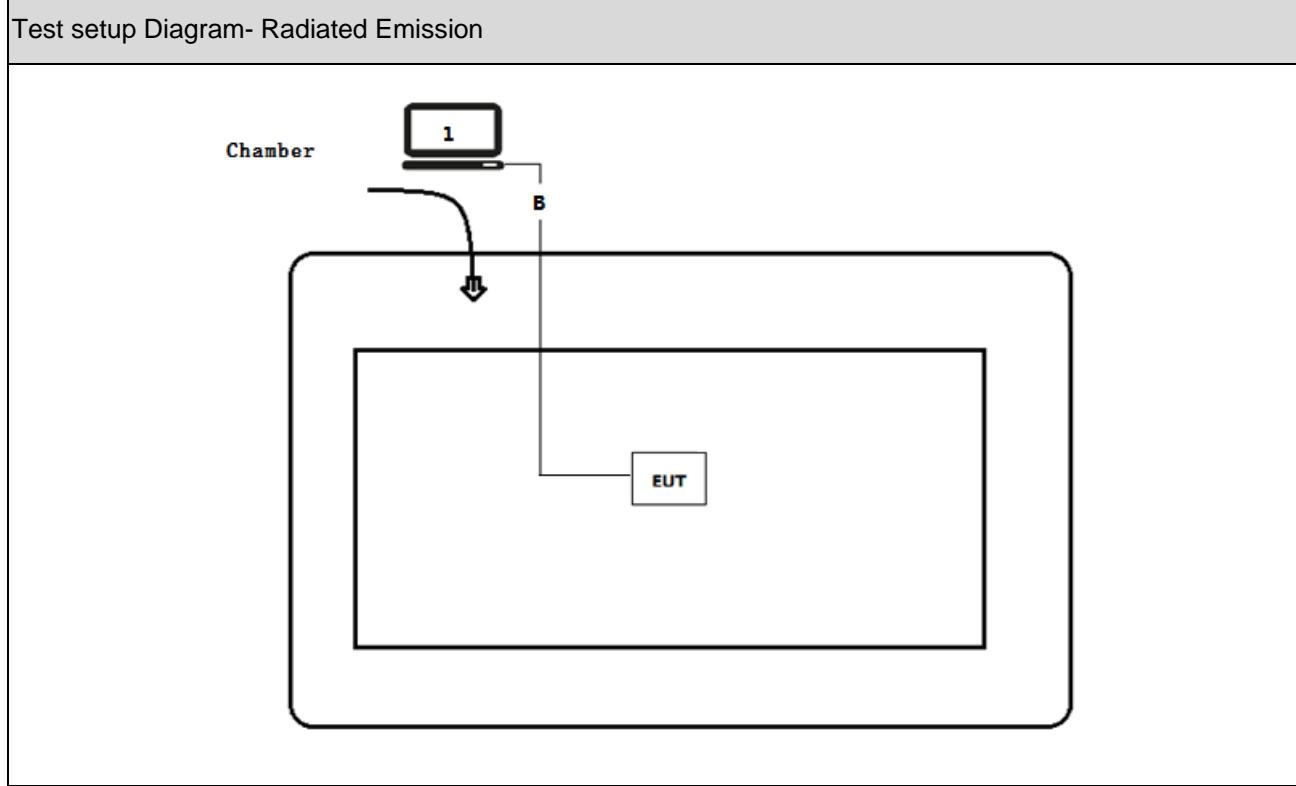
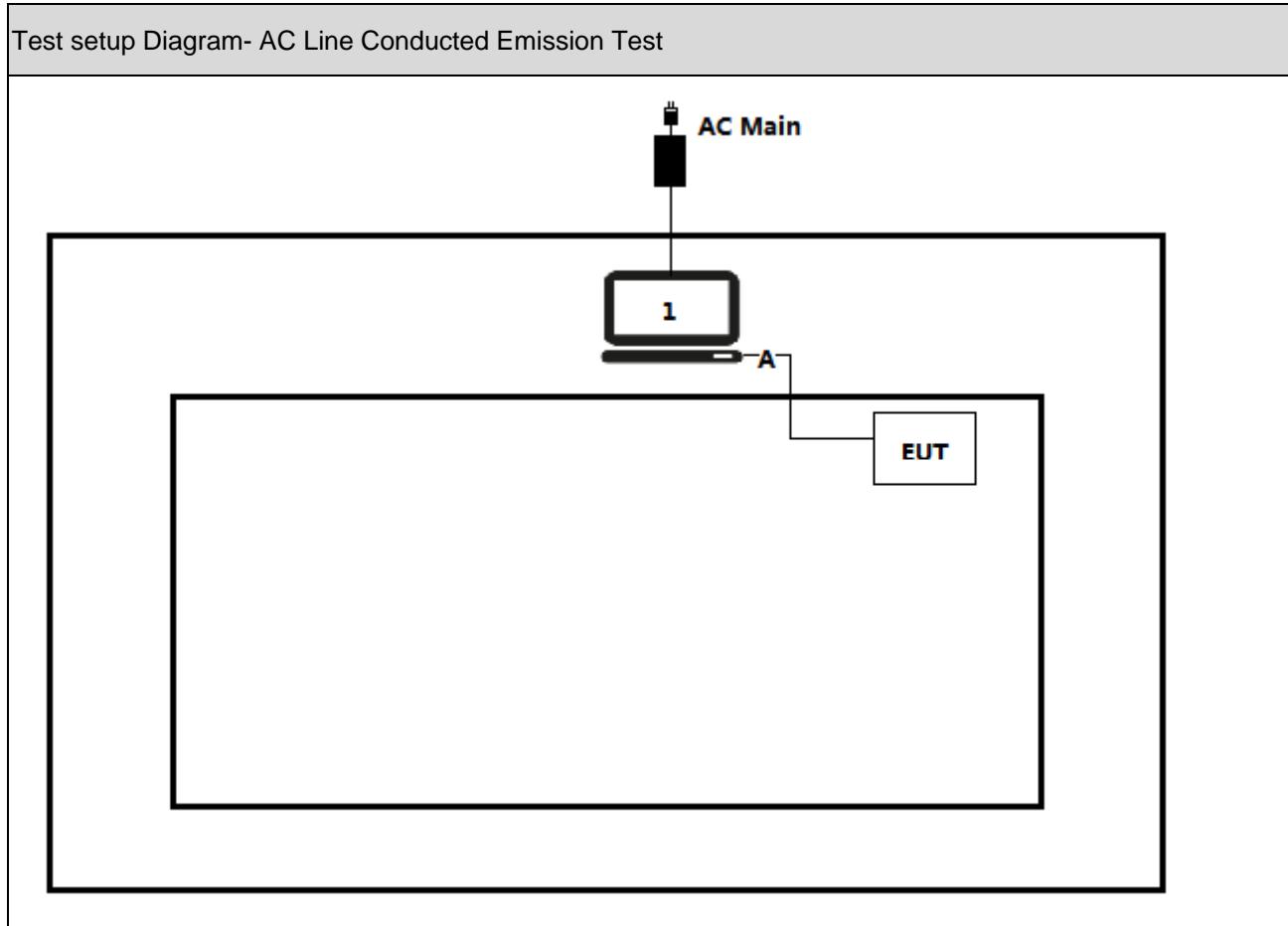
Test Modes List
Mode 1: Transmit by 802.11b with SISO
Mode 2: Transmit by 802.11g with SISO
Mode 3: Transmit by 802.11n(20MHz) with SISO
Mode 4: Transmit by 802.11b with CDD
Mode 5: Transmit by 802.11g with CDD
Mode 6: Transmit by 802.11n(20MHz) with CDD
Mode 7: Transmit by 802.11n(20MHz) with Beam-forming

d) Tested System Details

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

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

e) Configuration of Tested System



2. Technical Test

a) Summary of Test Result

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
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 15.247(d)	FCC 15.209	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

b) 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

c) Power setting parameter

Test Software	MTool			
Modulation Mode	Test Frequency	Ant 1	Ant 2	Ant 1+2
802.11b with SISO	2412	84	83	-
	2437	84	84	-
	2462	84	81	-
802.11g with SISO	2412	66	65	-
	2437	72	71	-
	2462	62	61	-
802.11n(20MHz) with SISO	2412	66	62	-
	2437	74	73	-
	2462	66	60	-
802.11b with CDD	2412	-	-	82
	2437	-	-	84
	2462	-	-	76
802.11g with CDD	2412	-	-	64
	2437	-	-	70
	2462	-	-	60
802.11n(20MHz) with CDD	2412	-	-	60
	2437	-	-	72
	2462	-	-	55
802.11n(20MHz) with Beam-forming	2412	-	-	14
	2437	-	-	17
	2462	-	-	13

d) Power vs Data Rate

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)							
		802.11b	802.11g		20MHz Bandwidth		40MHz Bandwidth		
					800ns GI	400ns GI	800ns GI	400ns GI	
0	1	1	6	---	6.5	7.2	13.5	15.0	
1	1	2	9	---	13.0	14.4	27.0	30.0	
2	1	5.5	12	---	19.5	21.7	40.5	45.0	
3	1	11	18	---	26.0	28.9	54.0	60.0	
4	1	---	24	---	39.0	43.3	81.0	90.0	
5	1	---	36	---	52.0	57.8	108.0	120.0	
6	1	---	48	---	58.5	65.0	121.5	135.0	
7	1	---	54	---	65.0	72.2	135.0	150.0	
8	2	---	---	---	13.0	14.4	27.0	30.0	
9	2	---	---	---	26.0	28.9	54.0	60.0	
10	2	---	---	---	39.0	43.3	81.0	90.0	
11	2	---	---	---	52.0	57.8	108.0	120.0	
12	2	---	---	---	78.0	86.7	162.0	180.0	
13	2	---	---	---	104.0	115.6	216.0	240.0	
14	2	---	---	---	117.0	130.0	243.0	270.0	
15	2	---	---	---	130.0	144.0	270.0	300.0	

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

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)					
				20MHz		40MHz		80MHz	
				Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5
	1	QPSK	1/2	13	14.4	27	30	58.5	65
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5
	3	16-QAM	1/2	26	28.9	54	60	117	130
	4	16-QAM	3/4	39	43.3	81	90	175.5	195
	5	64-QAM	2/3	52	57.8	108	120	234	260
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5
	7	64-QAM	5/6	65	72.2	135	150	292.5	325
	8	256-QAM	3/4	78	86.7	162	180	351	390
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3
2	0	BPSK	1/2	13	14.4	27	30	58.6	65
	1	QPSK	1/2	26	28.8	54	60	117	130
	2	QPSK	3/4	39	43.4	81	90	175.6	195
	3	16-QAM	1/2	52	57.8	108	120	234	260
	4	16-QAM	3/4	78	86.6	162	180	351	390
	5	64-QAM	2/3	104	115.6	216	240	468	520
	6	64-QAM	3/4	117	130	243	270	526.6	585
	7	64-QAM	5/6	130	144.4	270	300	585	650
	8	256-QAM	3/4	156	173.4	324	360	702	780
	9	256-QAM	5/6	N/A	N/A	360	400	780	866.6

Note 1: The blue form is the maximum power data rate.

2: The EUT supports two spatial streams.

e) 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

f) 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

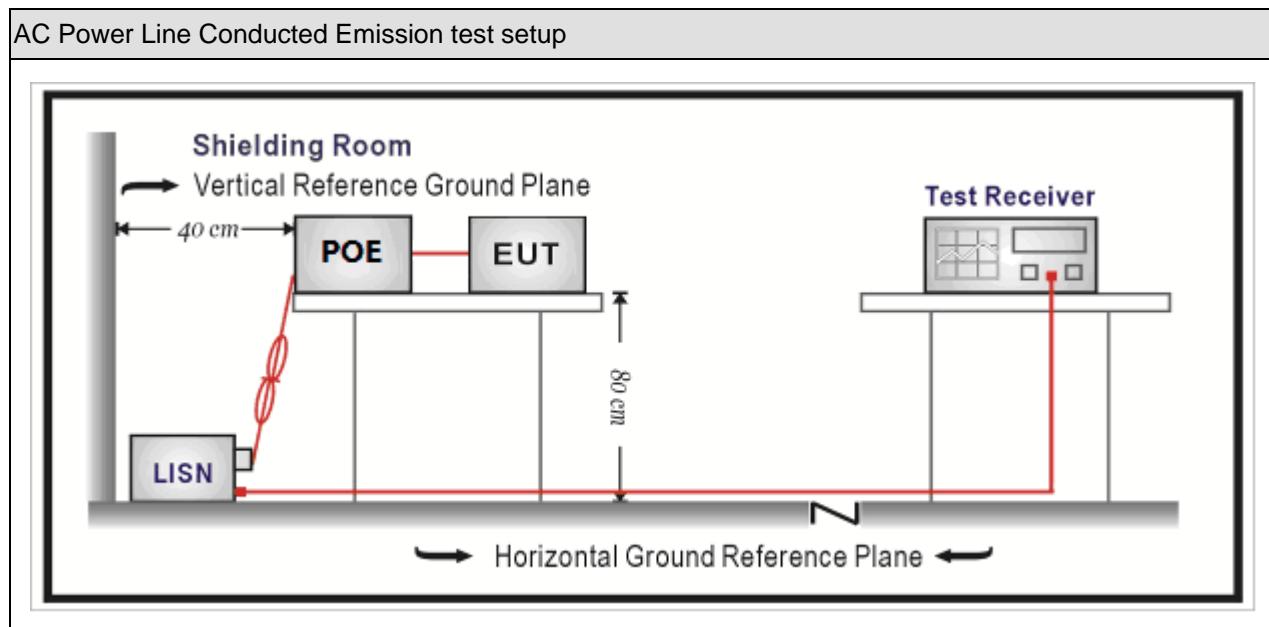
3. AC Power Line Conducted Emission

a) 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	2017.03.29	2018.03.28
Two-Line V-Network	R&S	ENV216	100043	2017.03.29	2018.03.28
Two-Line V-Network	R&S	ENV216	100044	2017.09.17	2018.09.16
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2017.03.02	2018.03.01
50ohm Termination	SHX	TF2	07081401	2017.09.17	2018.09.16
Temperature/Humidity Meter	zhichen	ZC1-2	TR1-TH	2017.01.04	2018.01.03

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

b) Test Setup



c) Limit

Frequency of Emission (MHz)	Conducted Limit	
	Quasi-peak (dB µV)	Average(dB µV)
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.

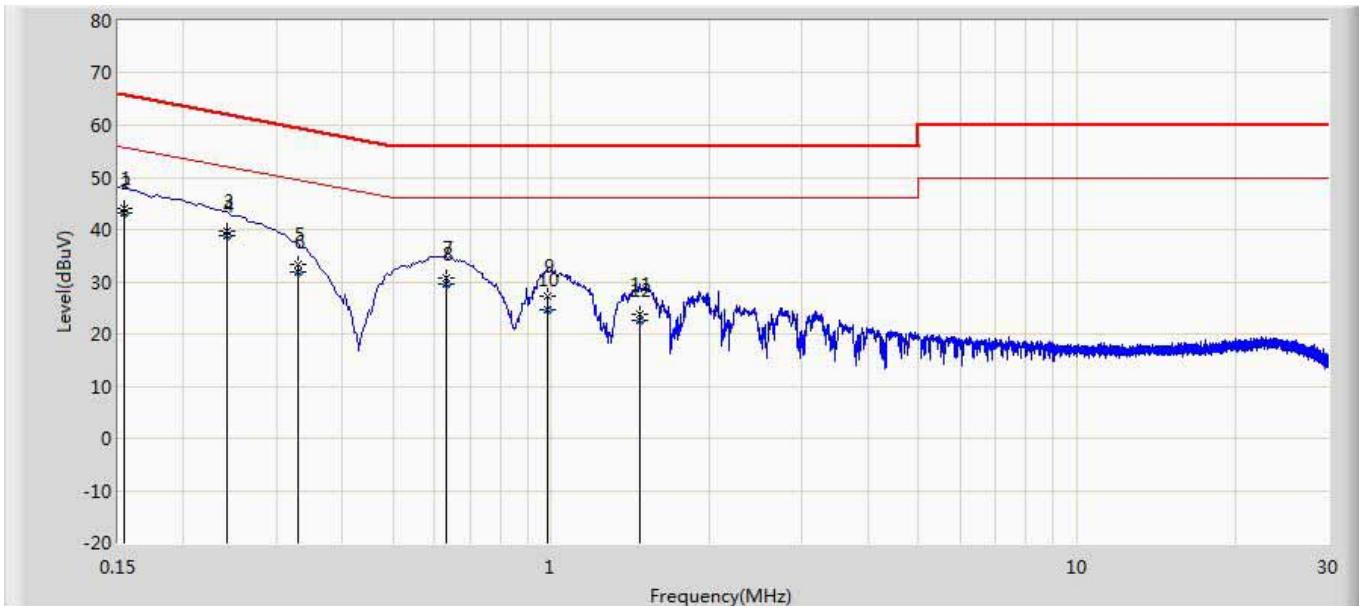
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

d) Test Procedure

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

e) Test Result

Engineer: Lucas	
Site: TR1	Time: 2017/10/13 - 09:24
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT1	



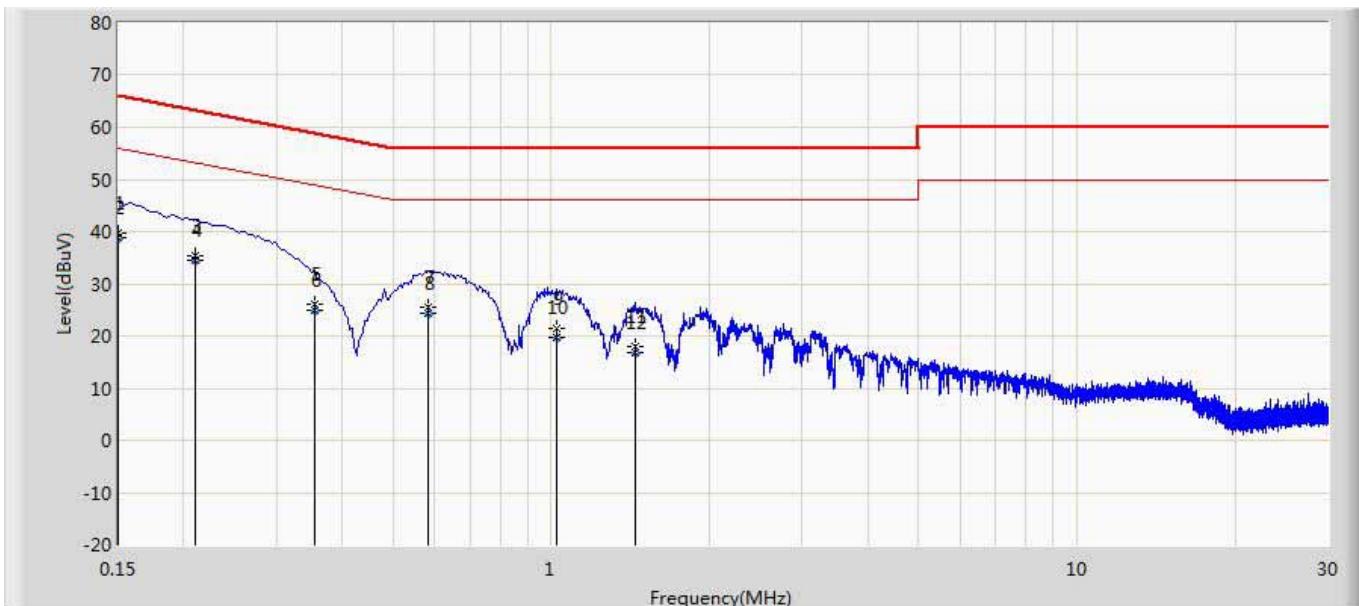
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	44.155	34.520	-21.627	65.781	9.609	0.025	0.000	QP
2	*	0.154	43.182	33.548	-12.599	55.781	9.609	0.025	0.000	AV
3		0.242	39.628	29.997	-22.400	62.027	9.600	0.030	0.000	QP
4		0.242	38.827	29.196	-13.201	52.027	9.600	0.030	0.000	AV
5		0.330	33.288	23.653	-26.163	59.451	9.600	0.035	0.000	QP
6		0.330	31.770	22.135	-17.682	49.451	9.600	0.035	0.000	AV
7		0.630	30.644	20.996	-25.356	56.000	9.600	0.048	0.000	QP
8		0.630	29.525	19.877	-16.475	46.000	9.600	0.048	0.000	AV
9		0.982	27.217	17.548	-28.783	56.000	9.609	0.060	0.000	QP
10		0.982	24.690	15.021	-21.310	46.000	9.609	0.060	0.000	AV
11		1.478	23.908	14.224	-32.092	56.000	9.610	0.073	0.000	QP
12		1.478	22.668	12.985	-23.332	46.000	9.610	0.073	0.000	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.

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

Engineer: Lucas	
Site: TR1	Time: 2017/10/13 - 09:27
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ANT1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.150	39.570	29.952	-26.430	66.000	9.594	0.025	0.000	QP
2	*	0.150	38.820	29.201	-17.180	56.000	9.594	0.025	0.000	AV
3		0.210	35.242	25.614	-27.964	63.205	9.599	0.029	0.000	QP
4		0.210	34.462	24.834	-18.743	53.205	9.599	0.029	0.000	AV
5		0.354	25.958	16.327	-32.910	58.868	9.594	0.036	0.000	QP
6		0.354	24.862	15.231	-24.006	48.868	9.594	0.036	0.000	AV
7		0.582	25.533	15.898	-30.467	56.000	9.590	0.045	0.000	QP
8		0.582	24.399	14.764	-21.601	46.000	9.590	0.045	0.000	AV
9		1.022	21.461	11.810	-34.539	56.000	9.591	0.060	0.000	QP
10		1.022	19.738	10.087	-26.262	46.000	9.591	0.060	0.000	AV
11		1.446	17.876	8.204	-38.124	56.000	9.599	0.073	0.000	QP
12		1.446	16.669	6.997	-29.331	46.000	9.599	0.073	0.000	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.

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

4. Emissions in restricted frequency bands

a) 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	2017.03.29	2018.03.28
Loop Antenna	R&S	HFH2-Z2	833799/003	2017.11.16	2018.11.15
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2017.10.16	2018.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2017.03.02	2018.03.01
Temperature/Humidity Meter	Zhichen	ZC1-2	AC2-TH	2017.01.04	2018.01.03

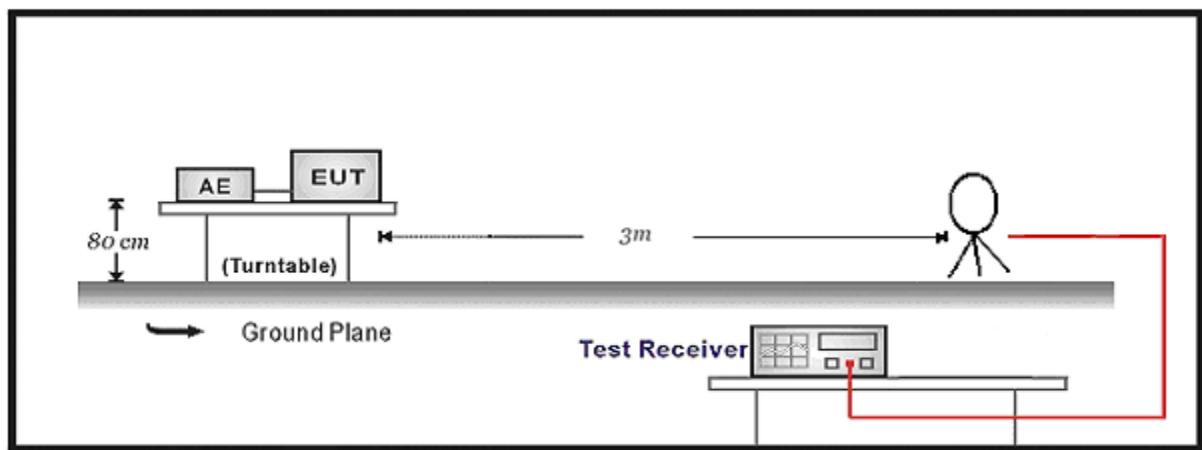
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.04	2018.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2017.05.06	2018.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2017.05.06	2018.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.22	2018.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.11.25	2017.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2017.03.02	2018.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2017.06.10	2018.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.04	2018.01.03

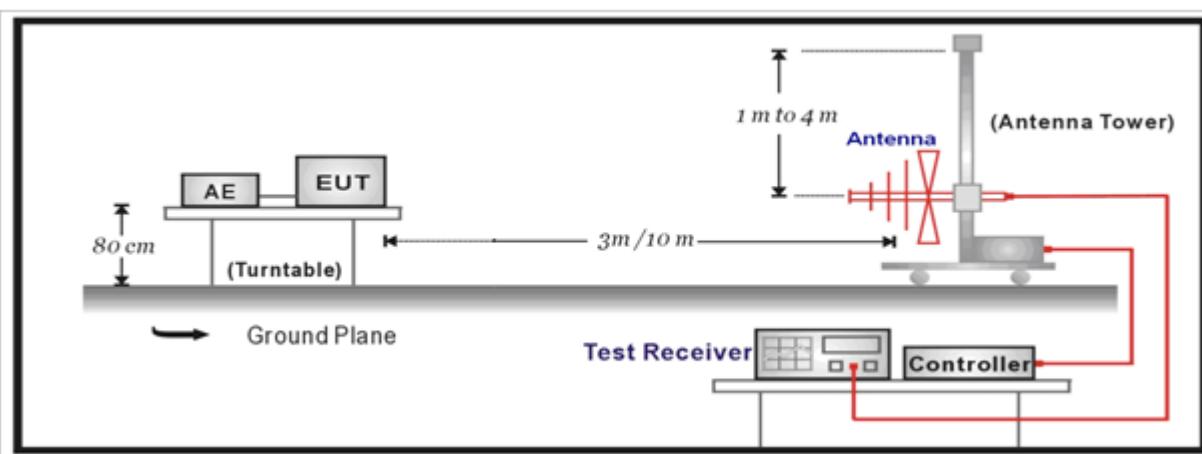
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

b) Test Setup

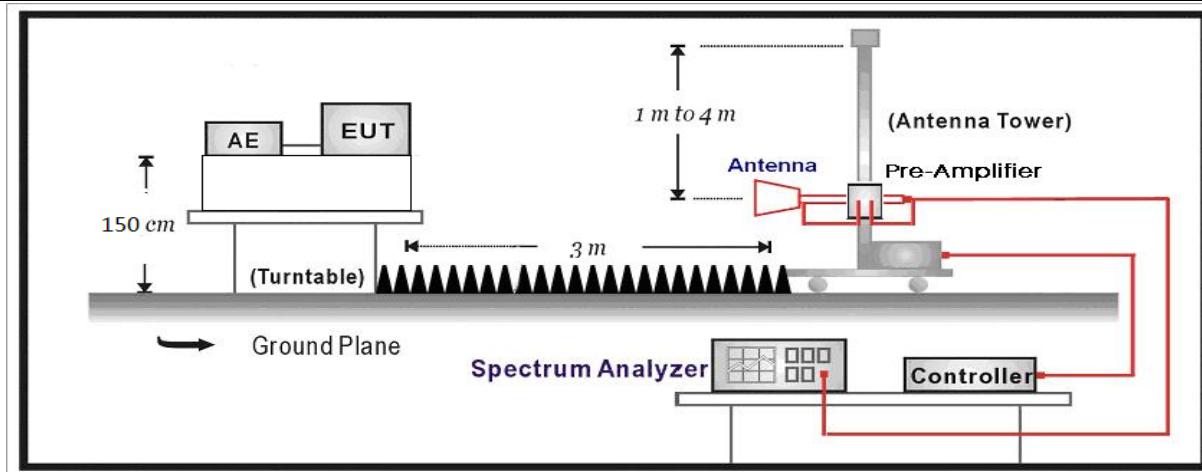
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



c) Limit

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			

Restricted Band Emissions Limit			
Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/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)

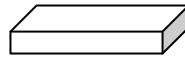
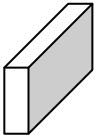
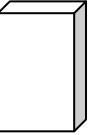
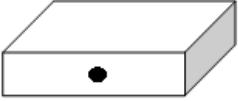
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

d) Test Procedure

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

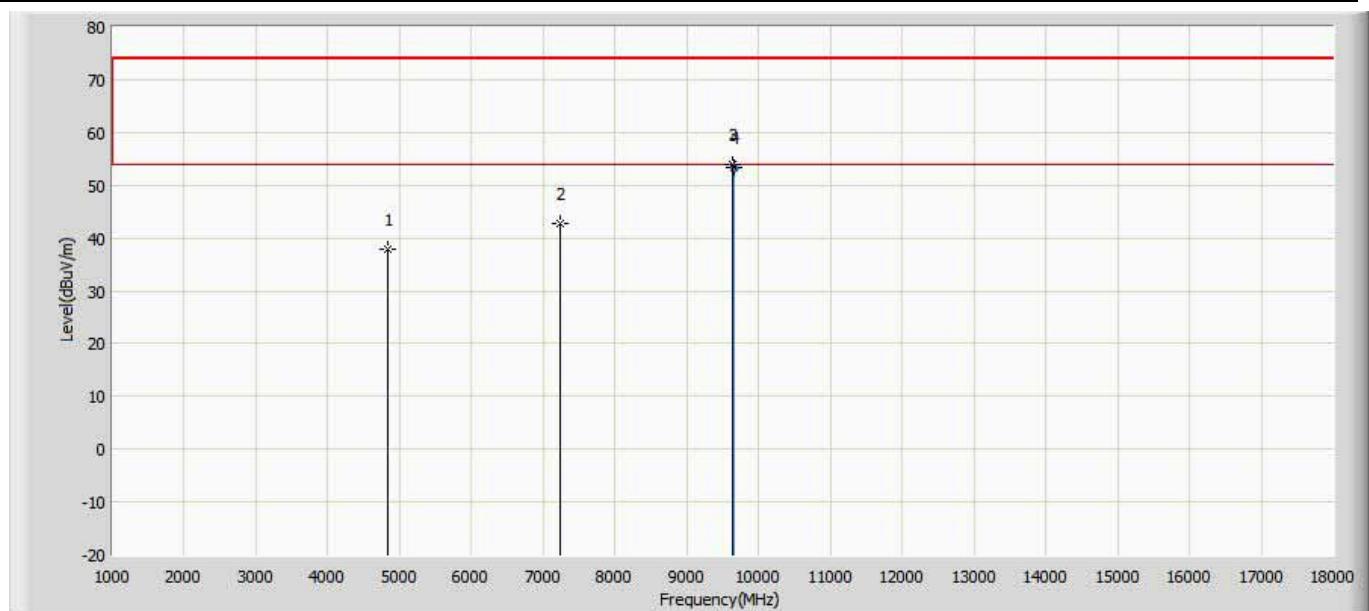
e) EUT test Axis definition

Item	Emissions in restricted frequency bands			
Device Category	<input type="checkbox"/>	Fixed point-to-point		
	<input type="checkbox"/>	Emit multiple directional beams, simultaneously or sequentially		
	<input checked="" type="checkbox"/>	Other cases		
Test mode	Mode 1~7			
Test method	<input checked="" type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input checked="" type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 1		
				
	<input type="checkbox"/>	Chain 1	Chain 2	
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				

f) Test Result

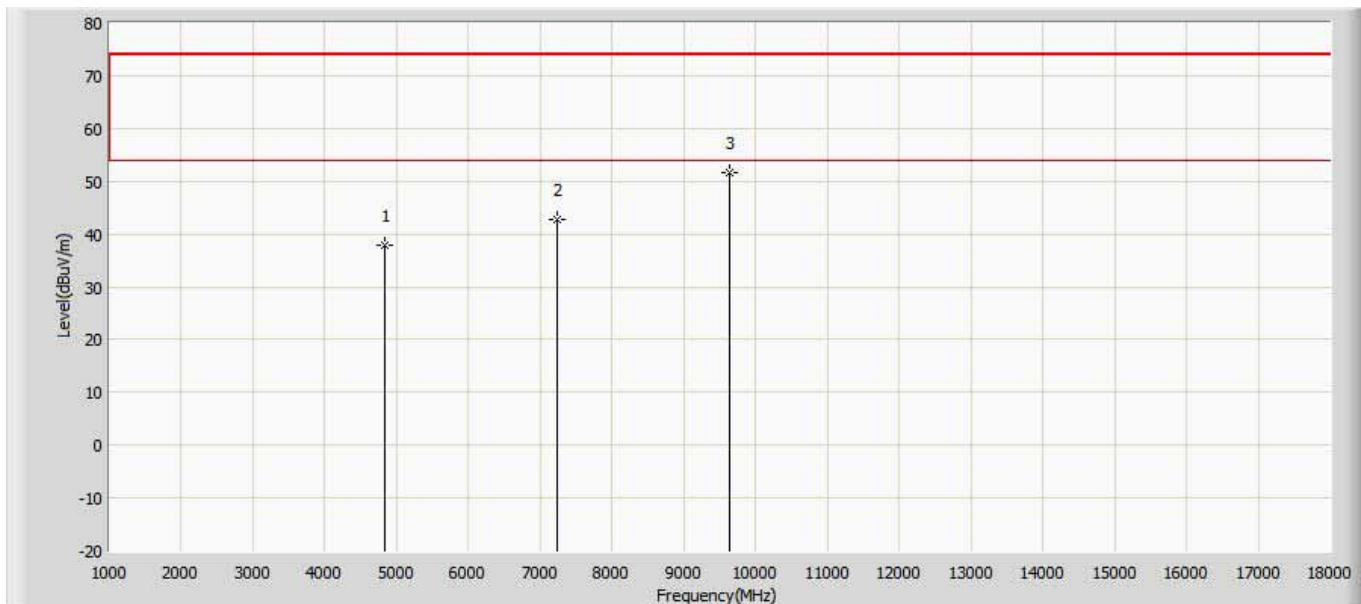
Ant 1:

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:24
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 1:Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.962	50.972	-36.038	74.000	-13.010	PK
2		7236.000	42.669	50.379	-31.331	74.000	-7.710	PK
3		9644.500	54.031	55.621	-19.969	74.000	-1.590	PK
4	*	9648.000	53.246	54.836	-0.754	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:24
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 1:Transmit at 2412MHz by 802.11b	



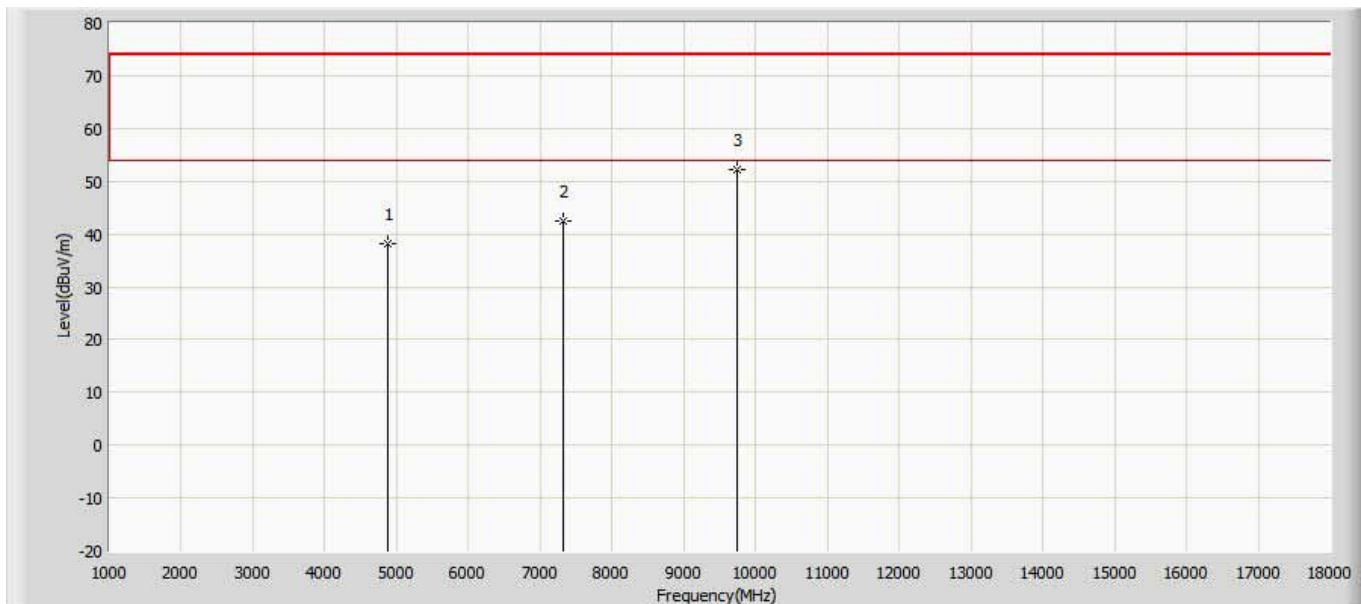
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.864	50.874	-36.136	74.000	-13.010	PK
2		7236.000	42.765	50.475	-31.235	74.000	-7.710	PK
3	*	9644.500	51.600	53.190	-22.400	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:24
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 1:Transmit at 2437MHz by 802.11b	



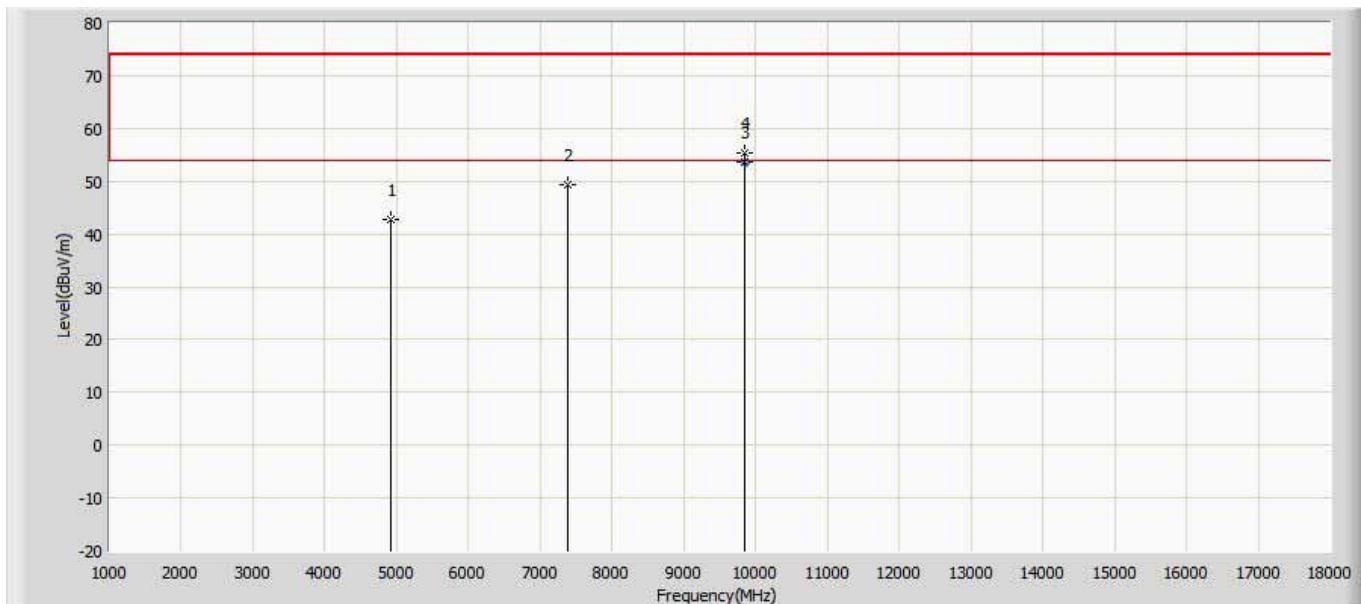
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	43.080	56.090	-30.920	74.000	-13.010	PK
2		7307.000	52.767	60.477	-21.233	74.000	-7.710	PK
3		9746.500	55.100	56.690	-18.900	74.000	-1.590	PK
4	*	9748.000	53.217	54.807	-0.783	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:25
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 1:Transmit at 2437MHz by 802.11b	



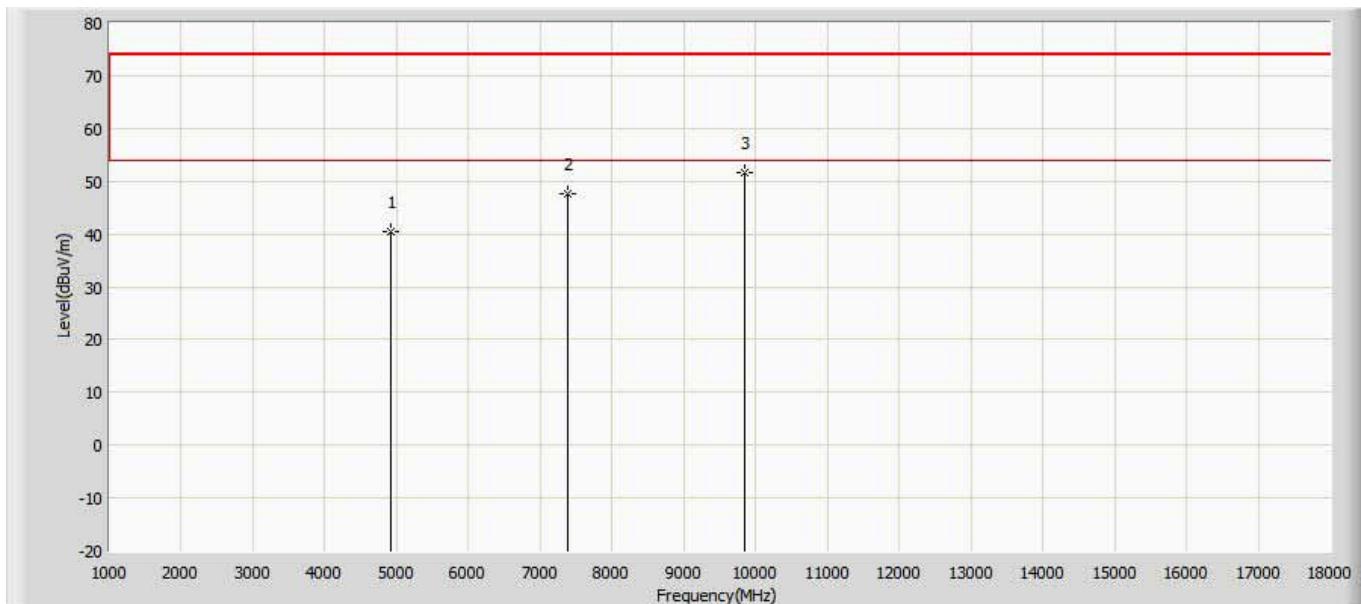
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.082	51.092	-35.918	74.000	-13.010	PK
2		7311.000	42.564	50.274	-31.436	74.000	-7.710	PK
3	*	9746.500	52.309	53.899	-21.691	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:25
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 1:Transmit at 2462MHz by 802.11b	



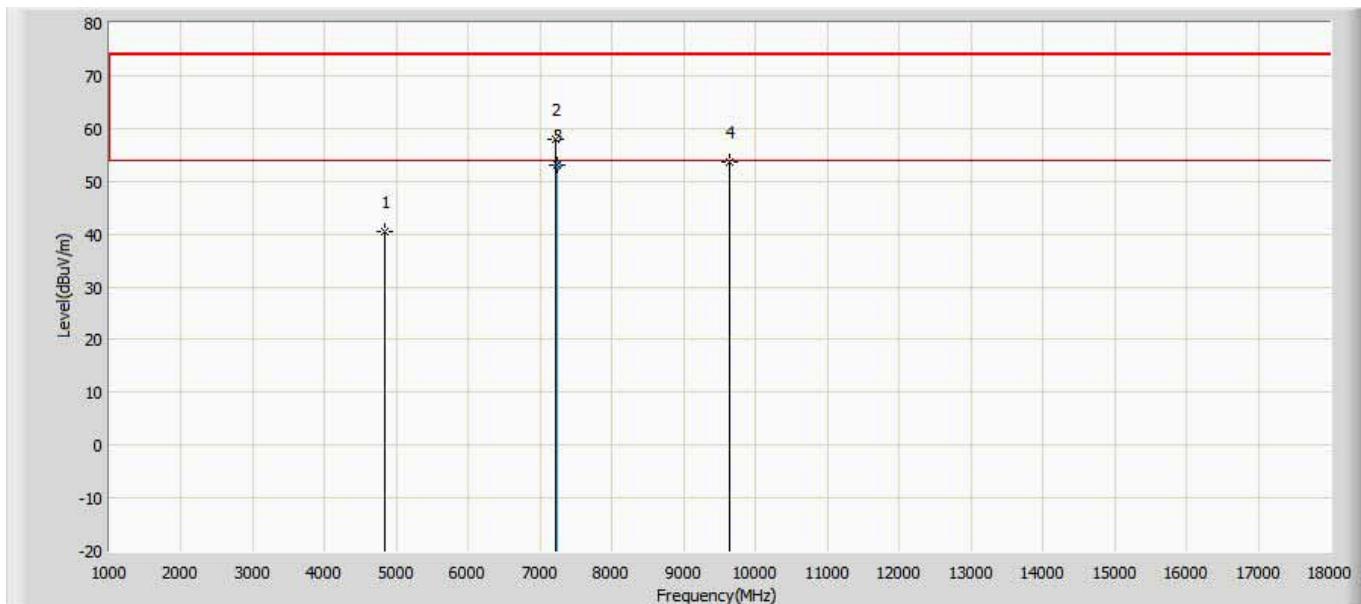
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	42.761	55.771	-31.239	74.000	-13.010	PK
2		7383.500	49.333	57.043	-24.667	74.000	-7.710	PK
3	*	9848.000	53.503	55.093	-0.497	54.000	-1.590	AV
4		9848.500	55.308	56.898	-18.692	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:25
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 1:Transmit at 2462MHz by 802.11b	



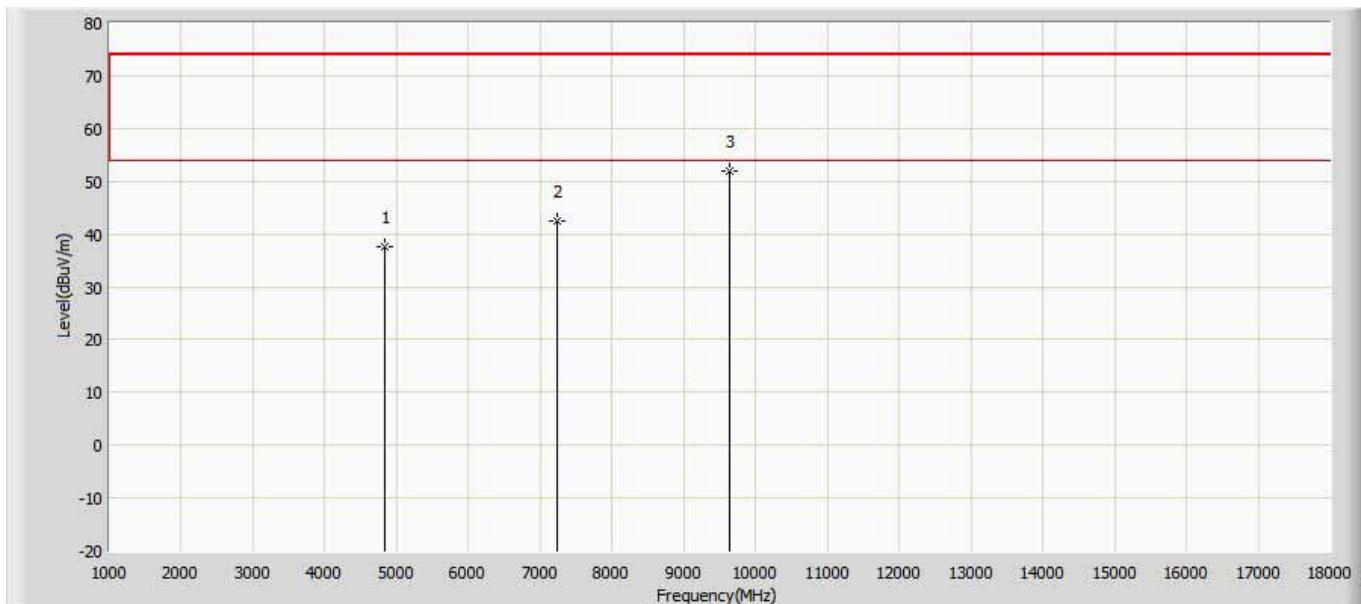
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	40.320	53.330	-33.680	74.000	-13.010	PK
2		7383.500	47.639	55.349	-26.361	74.000	-7.710	PK
3	*	9848.500	51.678	53.268	-22.322	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:25
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 2:Transmit at 2412MHz by 802.11g	



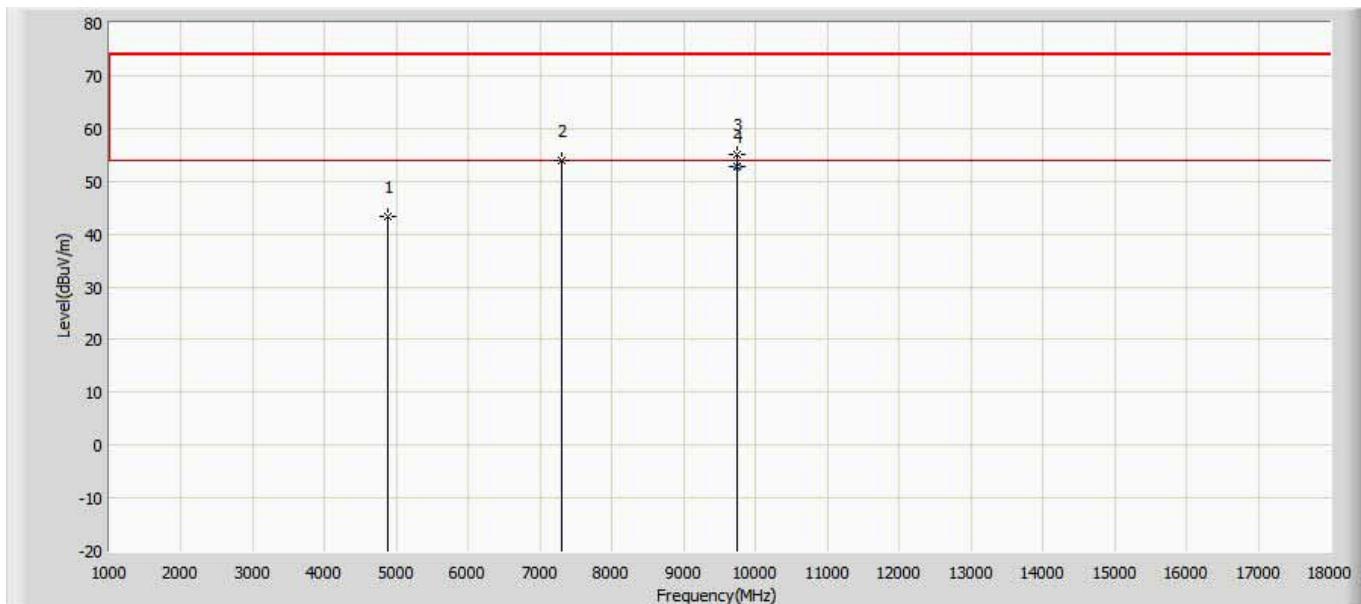
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	40.432	53.442	-33.568	74.000	-13.010	PK
2		7222.000	58.020	65.730	-15.980	74.000	-7.710	PK
3	*	7236.000	53.164	60.874	-0.836	54.000	-7.710	AV
4		9644.500	53.499	55.089	-20.501	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:25
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 2:Transmit at 2412MHz by 802.11g	



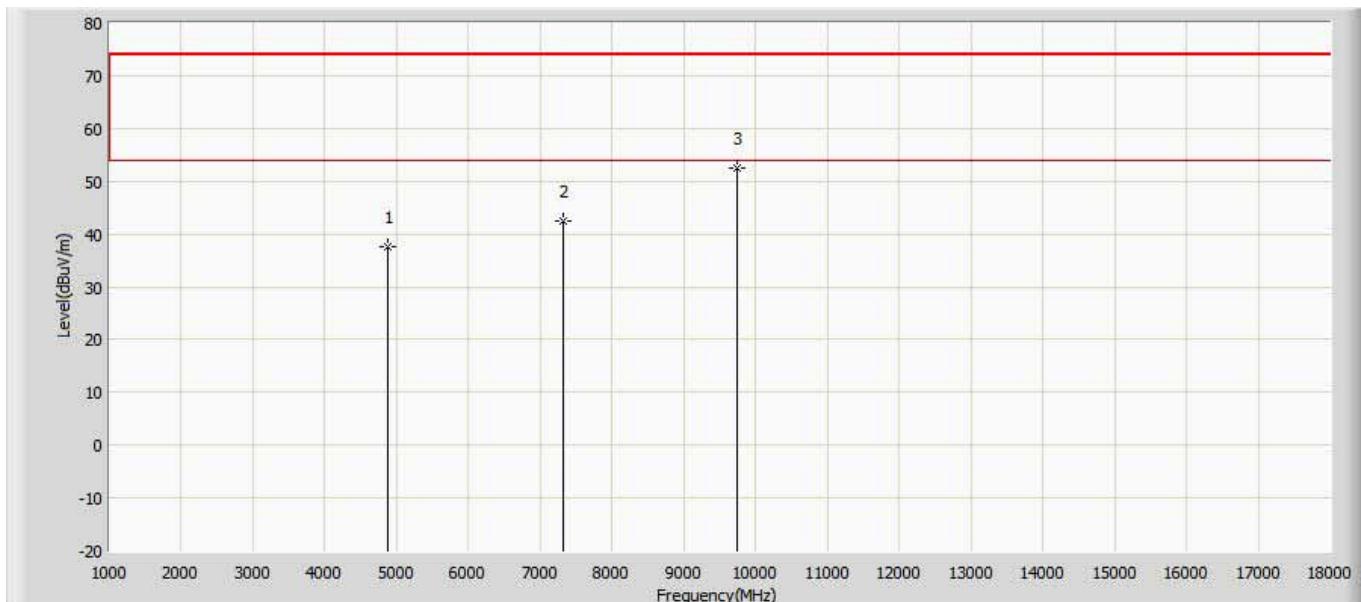
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.640	50.650	-36.360	74.000	-13.010	PK
2		7236.000	42.434	50.144	-31.566	74.000	-7.710	PK
3	*	9644.500	51.793	53.383	-22.207	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:26
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 2:Transmit at 2437MHz by 802.11g	



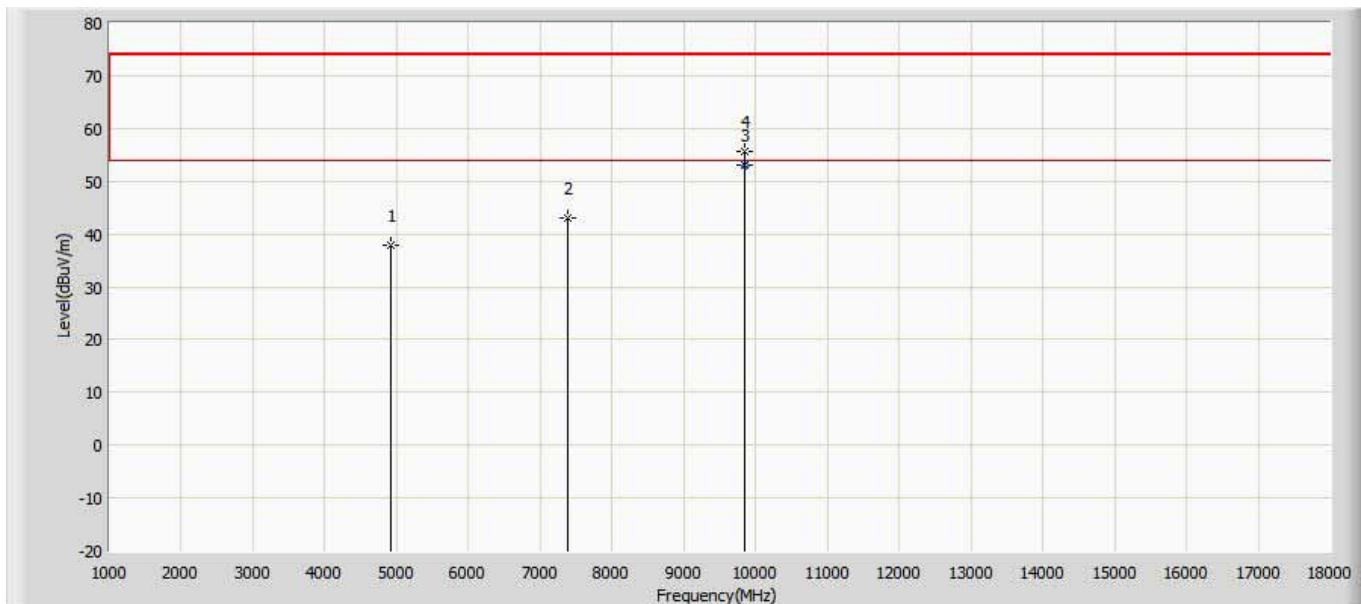
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	43.365	56.375	-30.635	74.000	-13.010	PK
2		7307.000	53.860	61.570	-20.140	74.000	-7.710	PK
3		9746.500	54.931	56.521	-19.069	74.000	-1.590	PK
4	*	9748.000	52.648	54.238	-1.352	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:26
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 2:Transmit at 2437MHz by 802.11g	



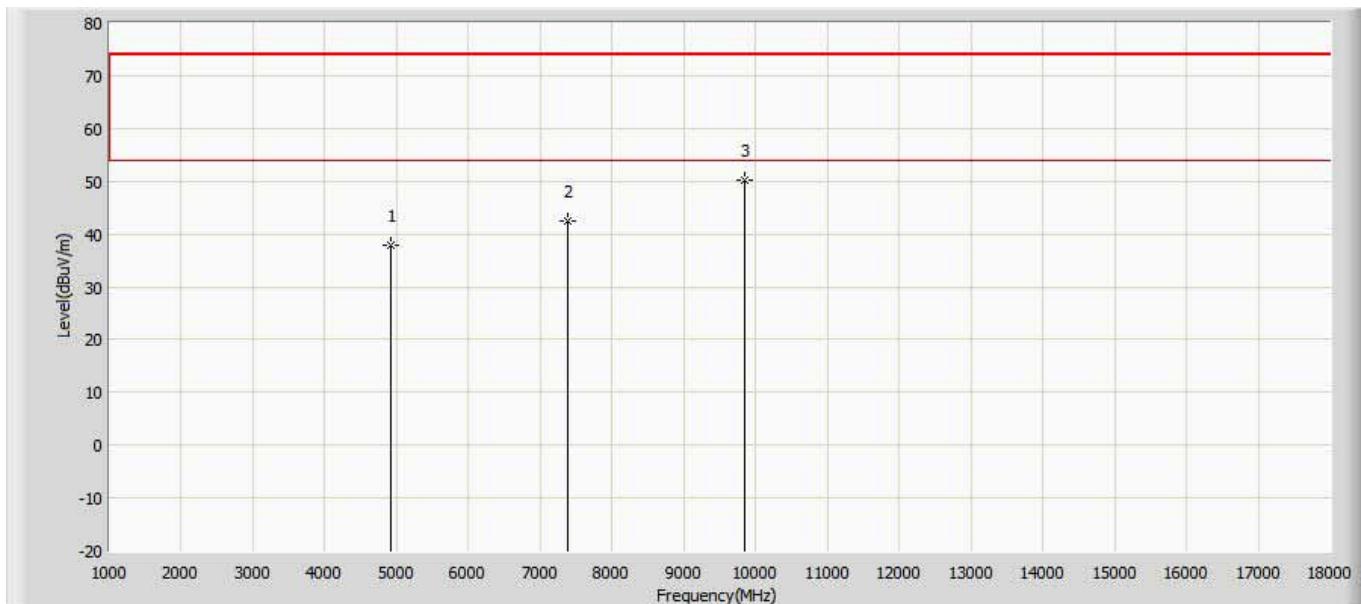
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.573	50.583	-36.427	74.000	-13.010	PK
2		7311.000	42.582	50.292	-31.418	74.000	-7.710	PK
3	*	9746.500	52.441	54.031	-21.559	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:26
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 2:Transmit at 2462MHz by 802.11g	



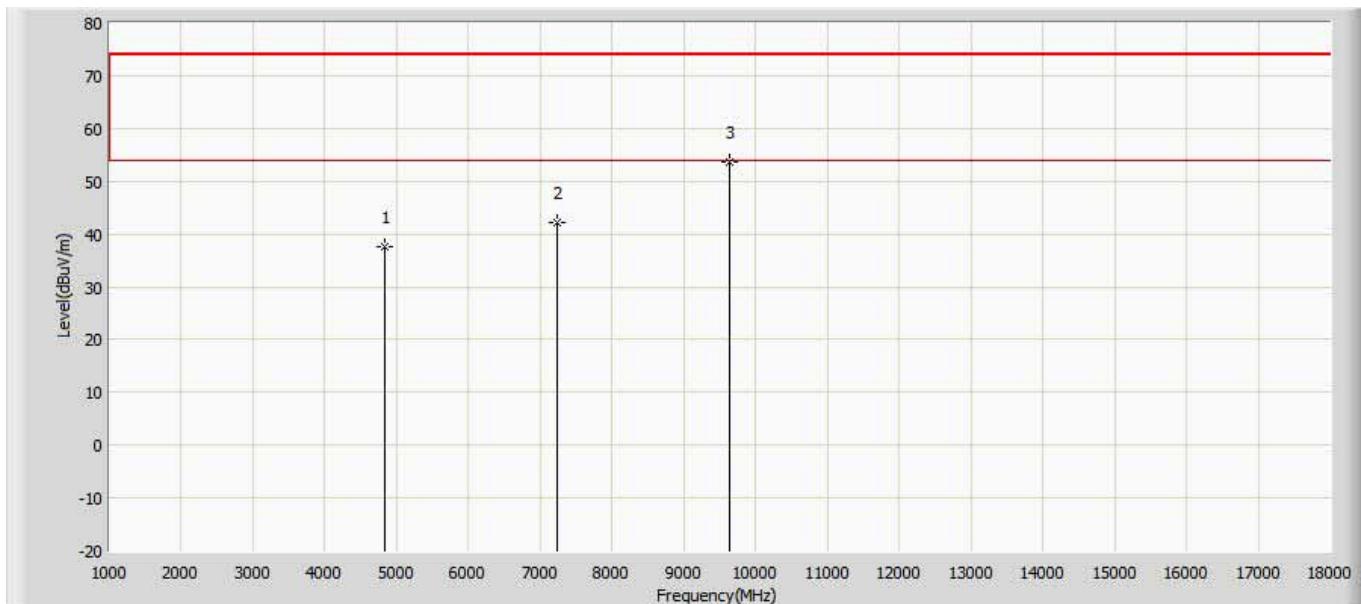
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.860	50.870	-36.140	74.000	-13.010	PK
2		7386.000	42.912	50.622	-31.088	74.000	-7.710	PK
3	*	9848.000	53.129	54.719	-0.871	54.000	-1.590	AV
4		9848.500	55.514	57.104	-18.486	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:26
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 2:Transmit at 2462MHz by 802.11g	



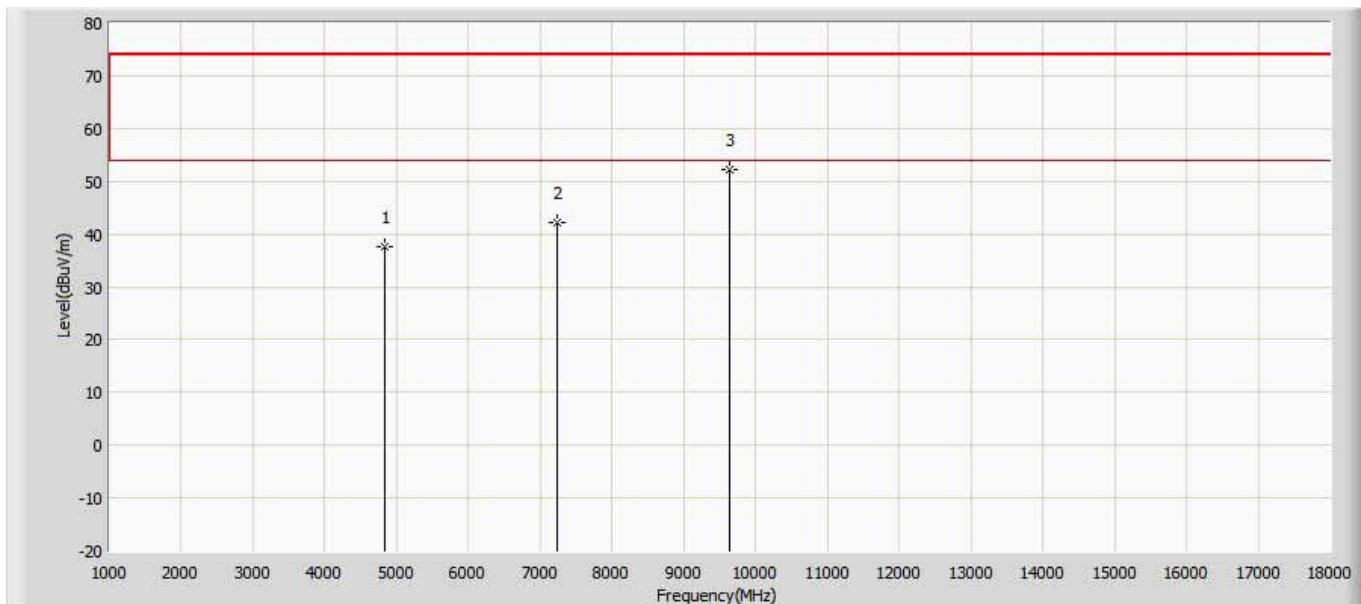
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.002	51.012	-35.998	74.000	-13.010	PK
2		7386.000	42.597	50.307	-31.403	74.000	-7.710	PK
3	*	9848.500	50.213	51.803	-23.787	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:26
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 2412MHz by 802.11n20	



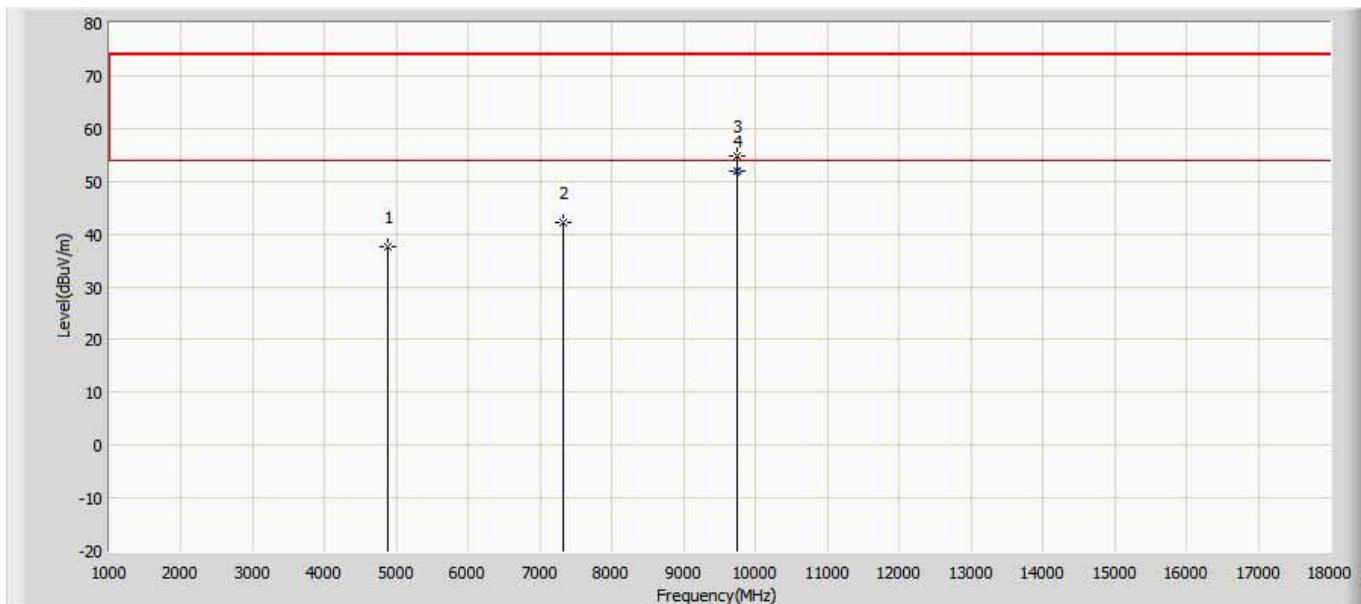
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.576	50.586	-36.424	74.000	-13.010	PK
2		7236.000	42.079	49.789	-31.921	74.000	-7.710	PK
3	*	9644.500	53.589	55.179	-20.411	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:27
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 3:Transmit at 2412MHz by 802.11n20	



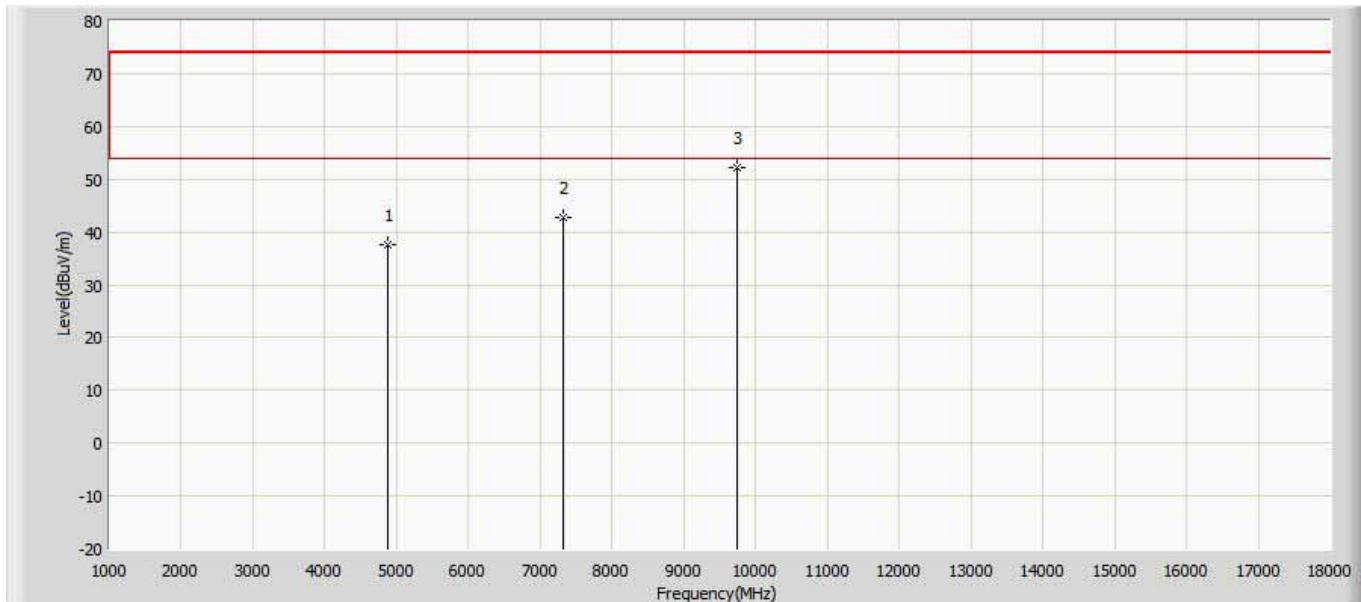
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.731	50.741	-36.269	74.000	-13.010	PK
2		7236.000	42.227	49.937	-31.773	74.000	-7.710	PK
3	*	9644.500	52.343	53.933	-21.657	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:27
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 3:Transmit at 2437MHz by 802.11n20	



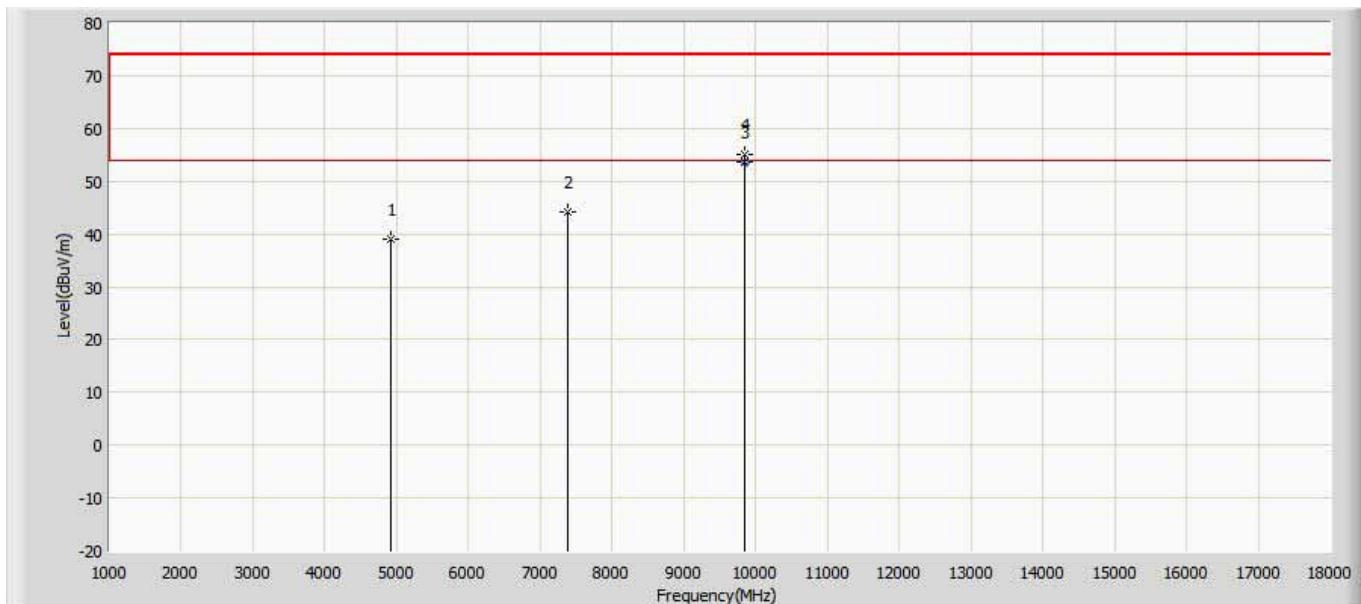
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.723	50.733	-36.277	74.000	-13.010	PK
2		7311.000	42.257	49.967	-31.743	74.000	-7.710	PK
3		9746.500	54.848	56.438	-19.152	74.000	-1.590	PK
4	*	9748.000	51.950	53.540	-2.050	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:27
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 3:Transmit at 2437MHz by 802.11n20	



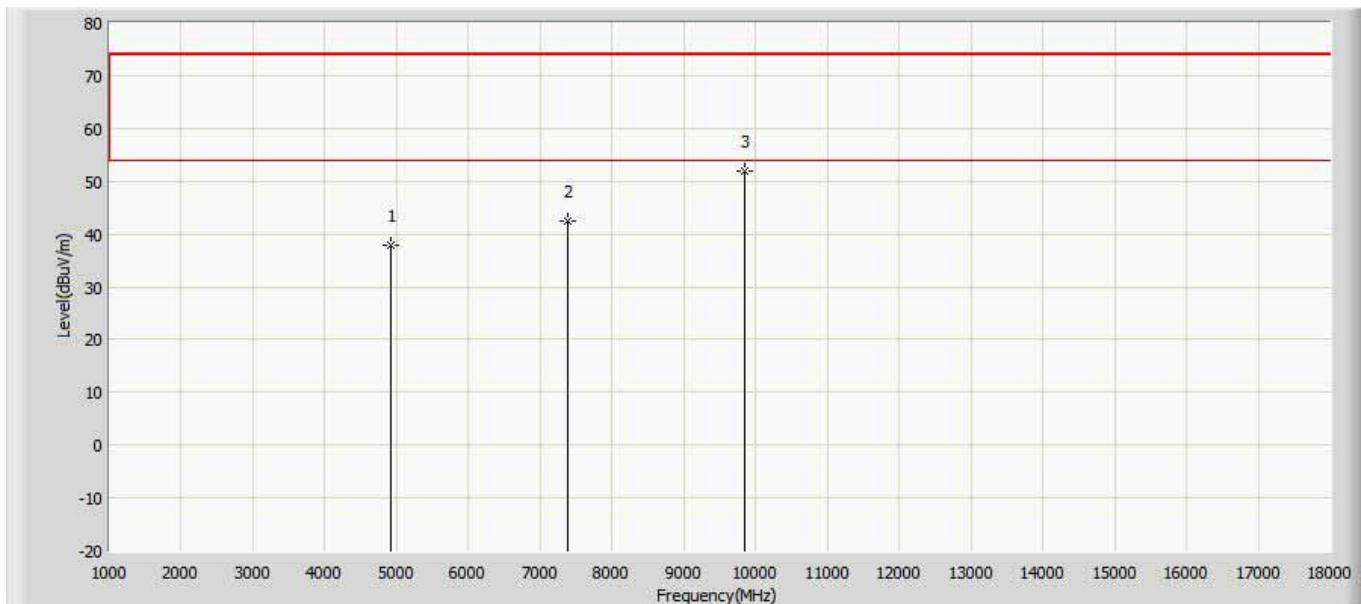
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.648	50.658	-36.352	74.000	-13.010	PK
2	*	7311.000	42.646	50.356	-31.354	74.000	-7.710	PK
3	*	9746.500	52.085	53.675	-21.915	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:27
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 3:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.948	51.958	-35.052	74.000	-13.010	PK
2		7386.000	44.068	51.778	-29.932	74.000	-7.710	PK
3	*	9847.840	53.615	55.205	-0.385	54.000	-1.590	AV
4		9848.500	54.948	56.538	-19.052	74.000	-1.590	PK

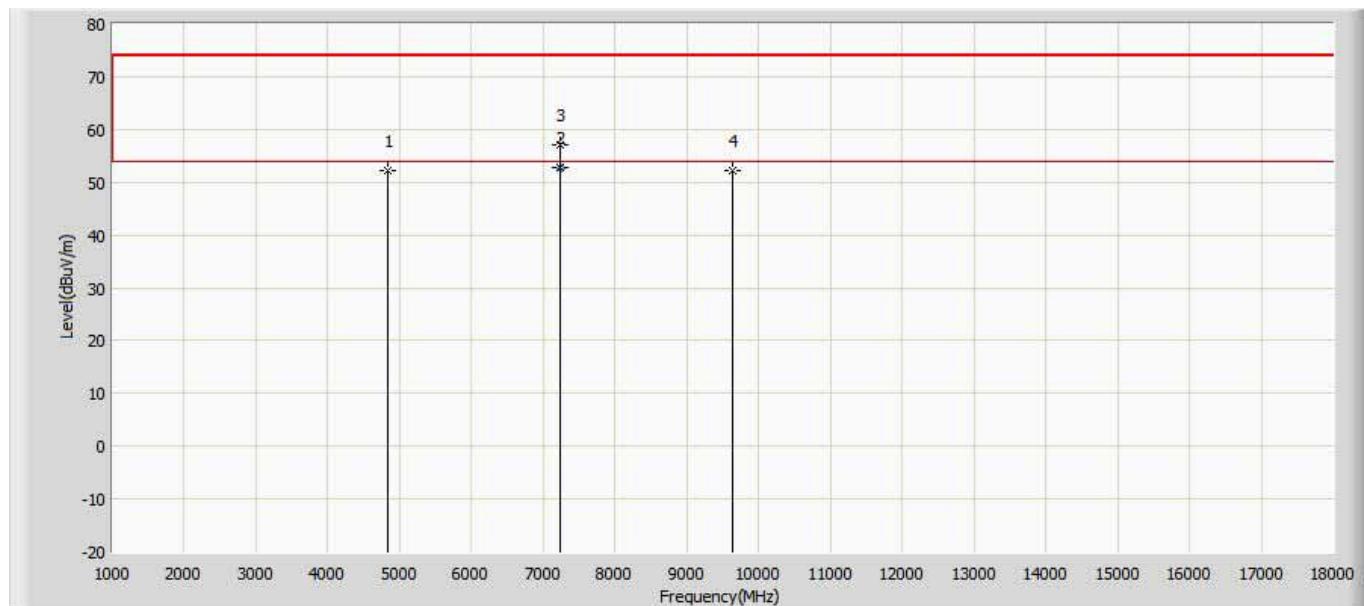
Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.867	50.877	-36.133	74.000	-13.010	PK
2		7386.000	42.550	50.260	-31.450	74.000	-7.710	PK
3	*	9848.500	51.815	53.405	-22.185	74.000	-1.590	PK

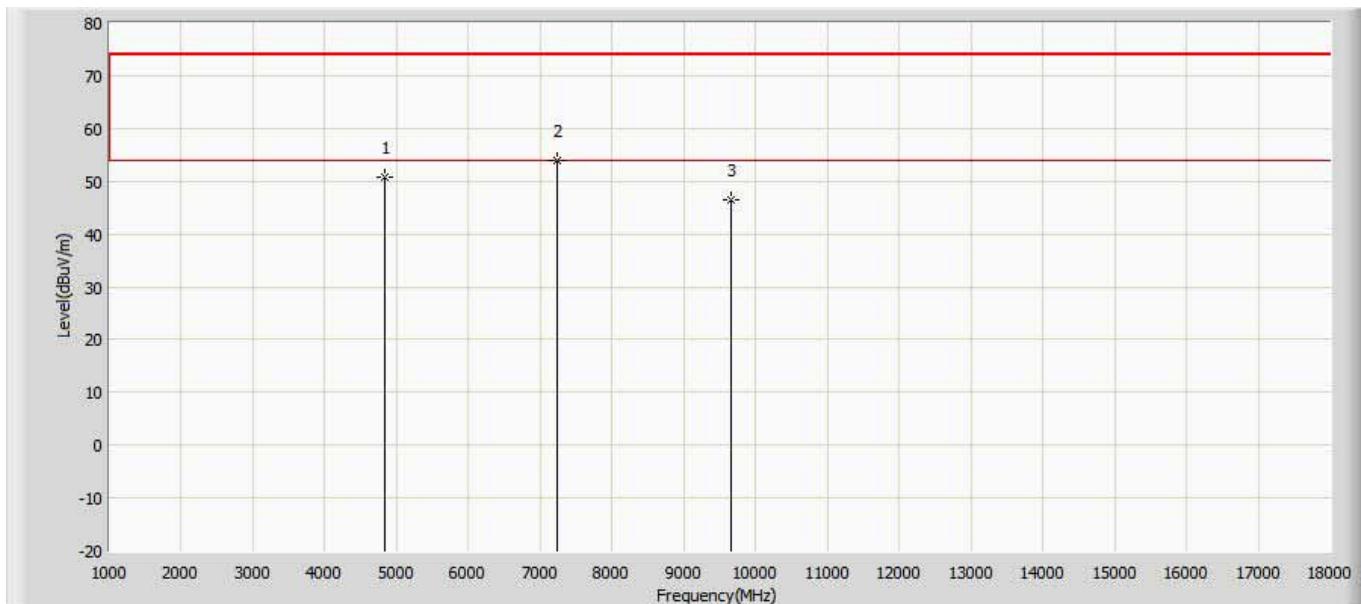
Ant 2:

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



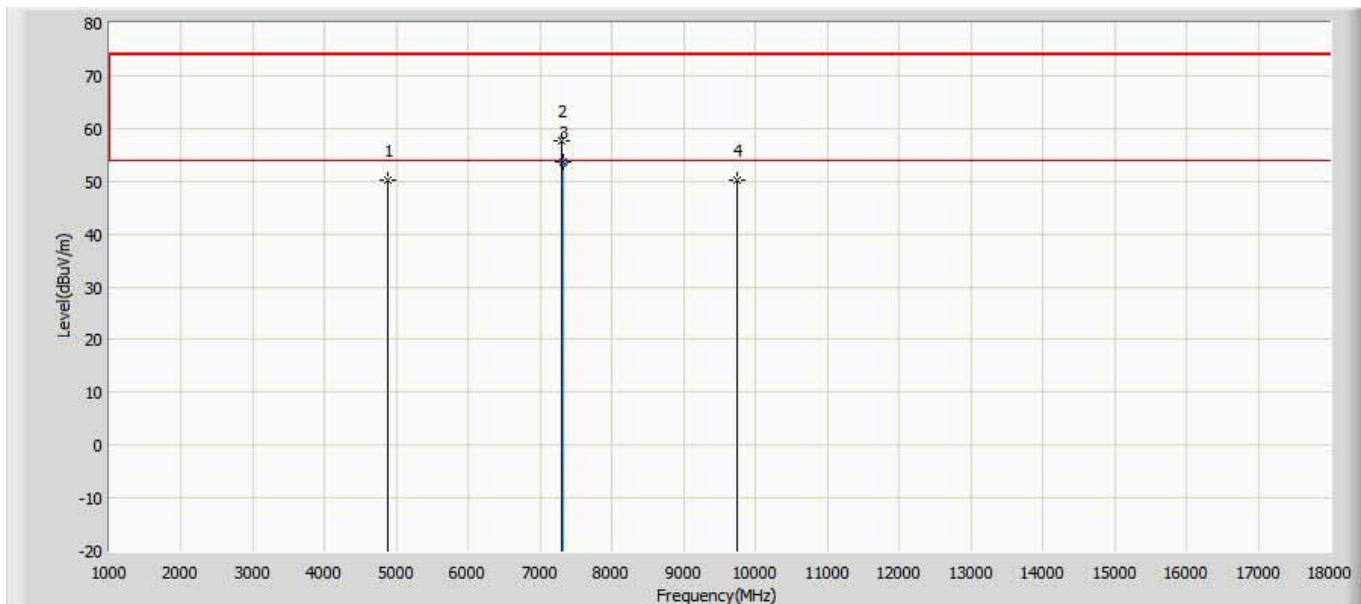
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	52.101	65.111	-21.899	74.000	-13.010	PK
2	*	7237.075	52.723	60.433	-1.277	54.000	-7.710	AV
3		7239.000	57.001	64.711	-16.999	74.000	-7.710	PK
4		9644.500	52.162	53.752	-21.838	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



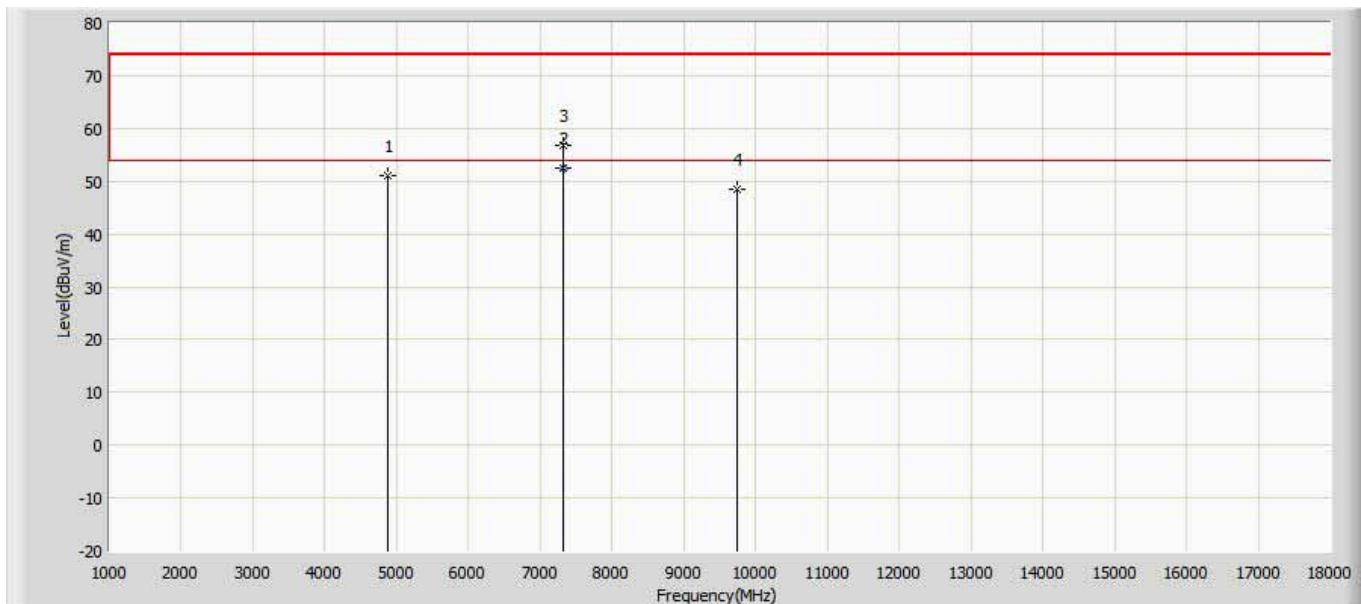
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	50.790	63.800	-23.210	74.000	-13.010	PK
2	*	7239.000	53.923	61.633	-20.077	74.000	-7.710	PK
3		9648.000	46.525	48.115	-27.475	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



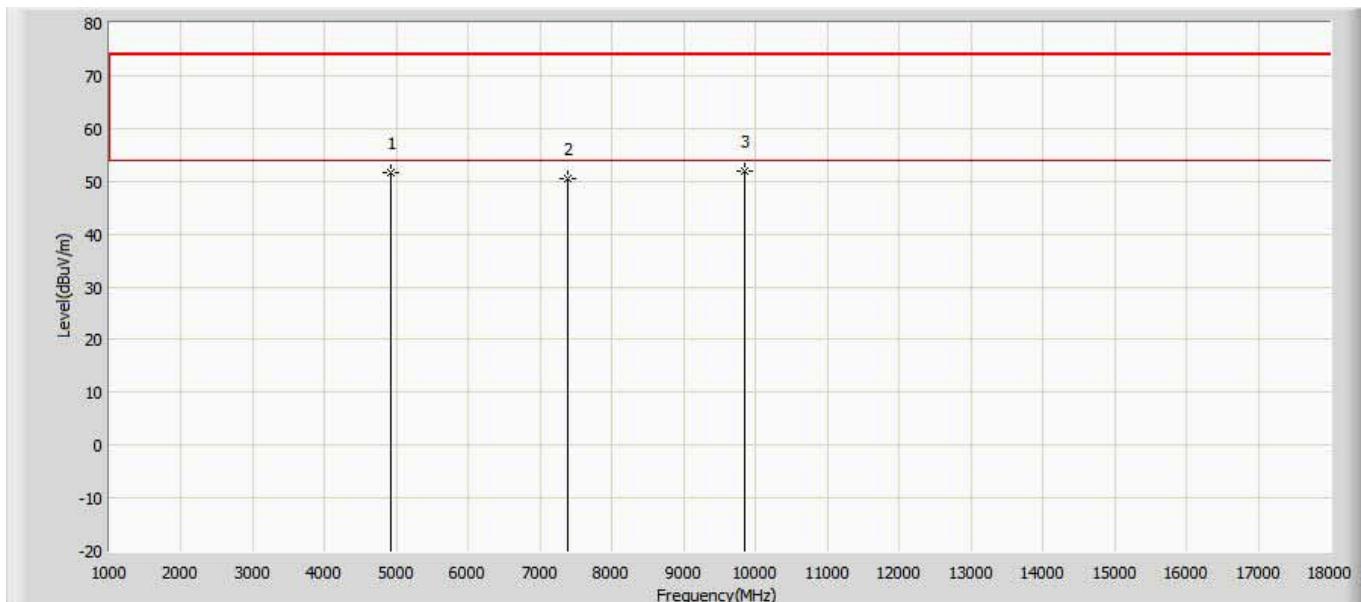
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	50.290	63.300	-23.710	74.000	-13.010	PK
2		7307.000	57.792	65.502	-16.208	74.000	-7.710	PK
3	*	7309.650	53.628	61.338	-0.372	54.000	-7.710	AV
4		9748.000	50.074	51.664	-23.926	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



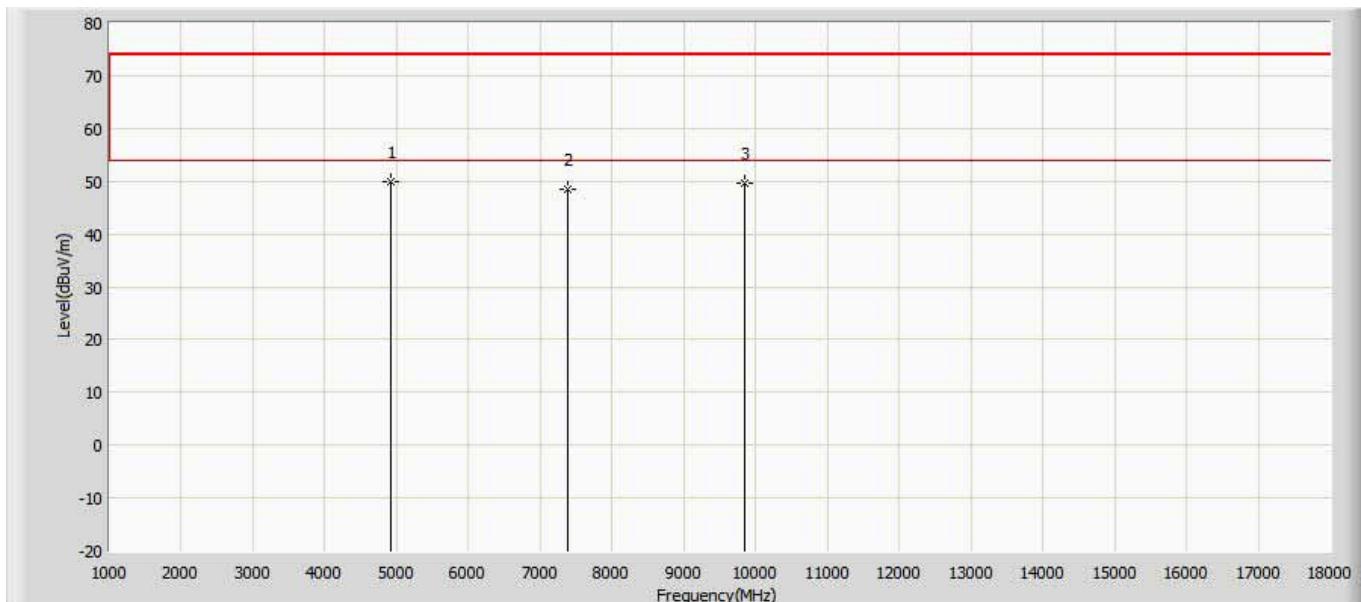
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	50.963	63.973	-23.037	74.000	-13.010	PK
2	*	7311.000	52.544	60.254	-1.456	54.000	-7.710	AV
3		7315.500	56.724	64.434	-17.276	74.000	-7.710	PK
4		9748.000	48.434	50.024	-25.566	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



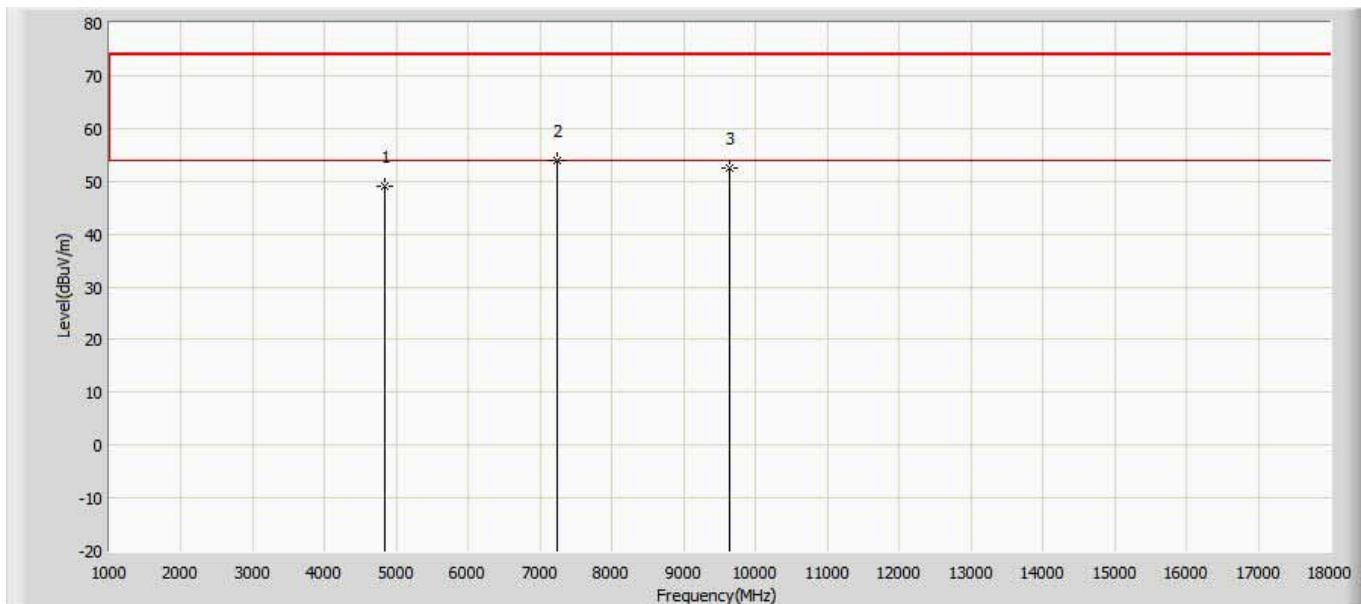
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	51.517	64.527	-22.483	74.000	-13.010	PK
2		7383.500	50.402	58.112	-23.598	74.000	-7.710	PK
3	*	9848.500	51.959	53.549	-22.041	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



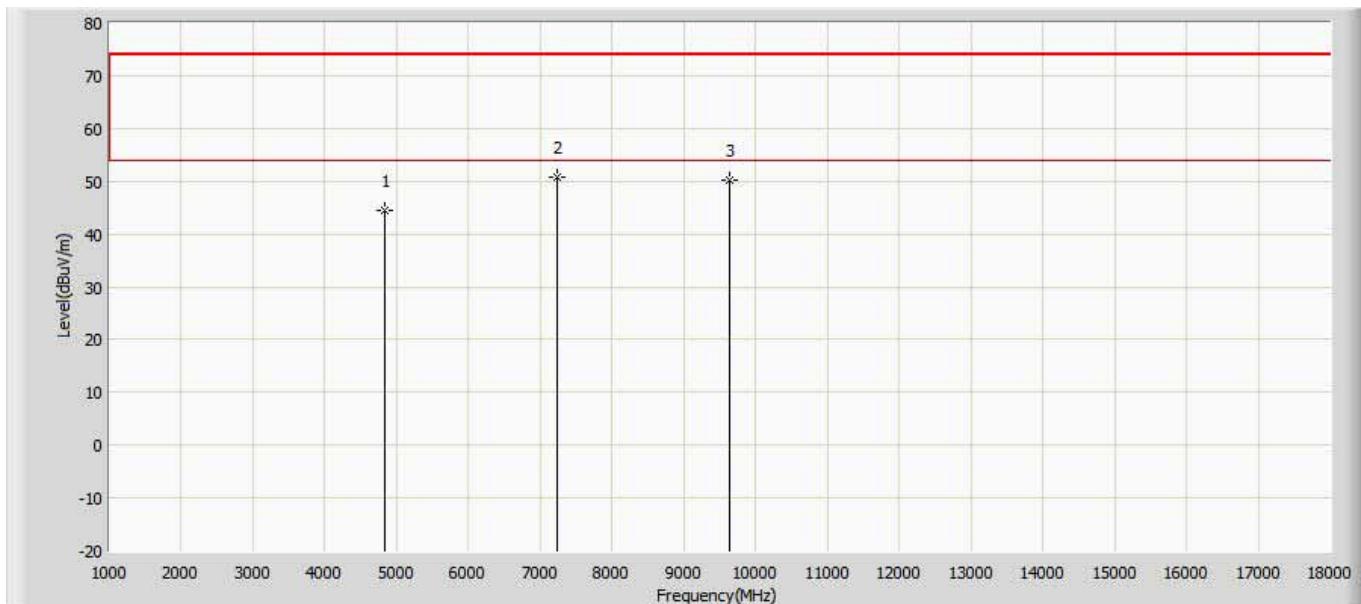
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4927.000	49.958	62.968	-24.042	74.000	-13.010	PK
2		7383.500	48.470	56.180	-25.530	74.000	-7.710	PK
3		9848.500	49.582	51.172	-24.418	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:17
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	



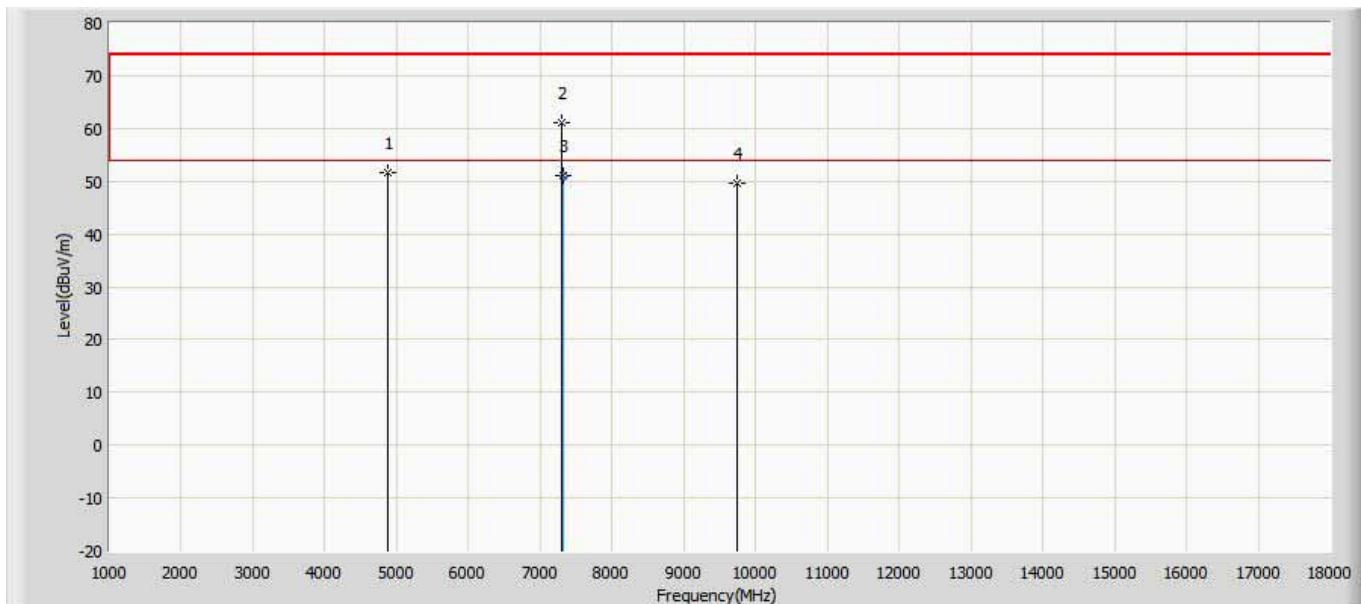
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	48.921	61.931	-25.079	74.000	-13.010	PK
2	*	7239.000	53.983	61.693	-20.017	74.000	-7.710	PK
3		9644.500	52.631	54.221	-21.369	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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	



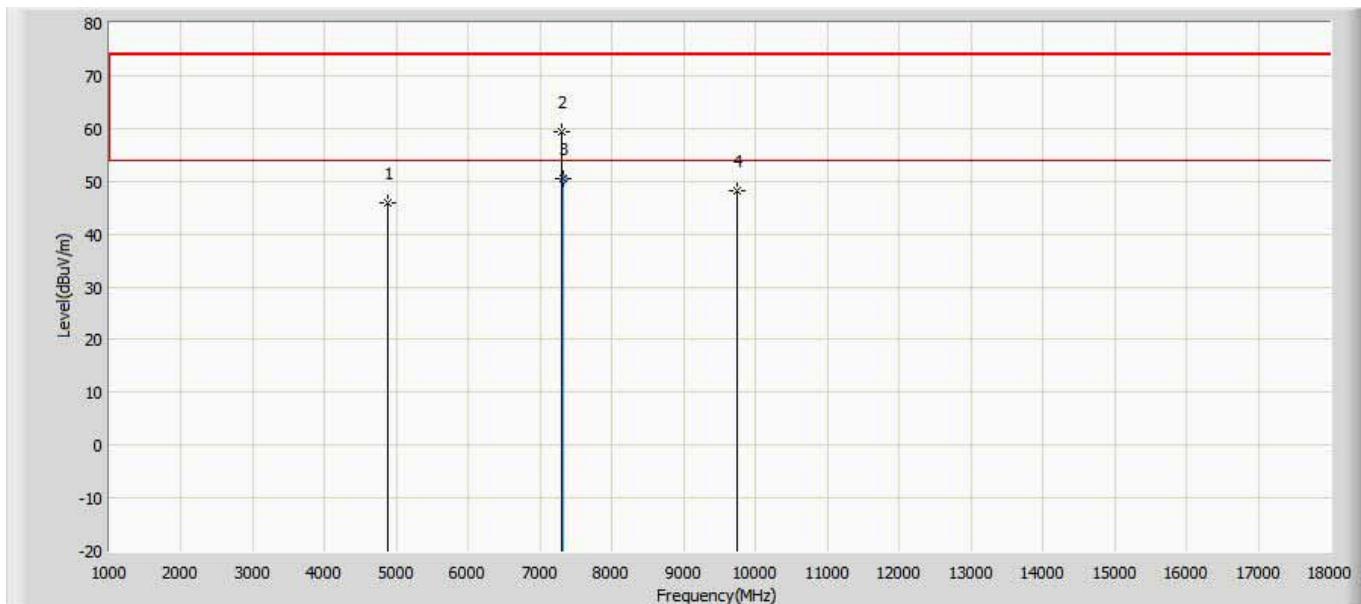
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	44.449	57.459	-29.551	74.000	-13.010	PK
2	*	7239.000	50.657	58.367	-23.343	74.000	-7.710	PK
3		9644.500	50.075	51.665	-23.925	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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	



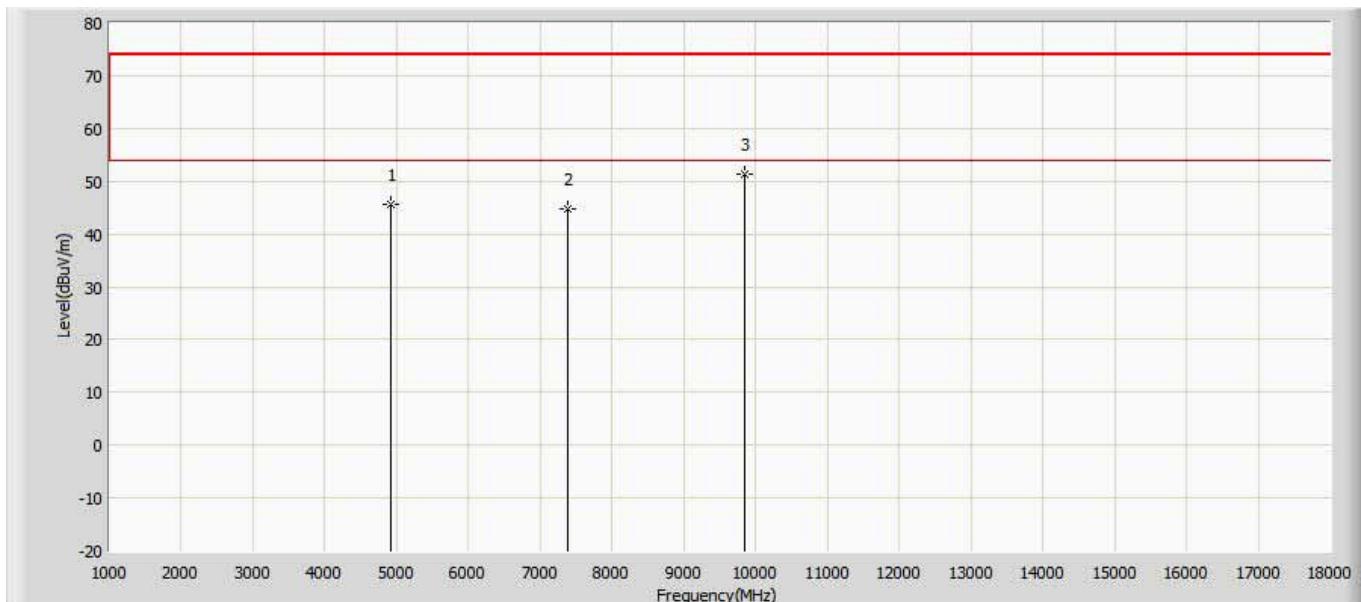
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	51.542	64.552	-22.458	74.000	-13.010	PK
2		7307.000	61.015	68.725	-12.985	74.000	-7.710	PK
3	*	7309.980	51.074	58.784	-2.926	54.000	-7.710	AV
4		9748.000	49.685	51.275	-24.315	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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	



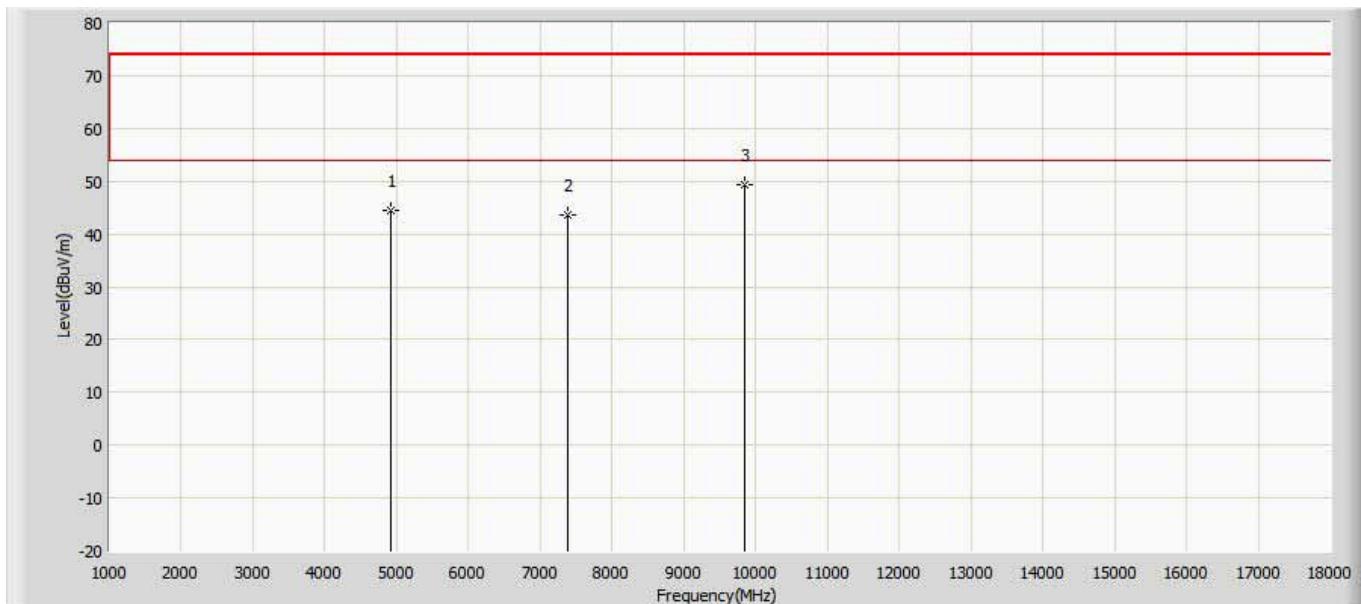
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	45.994	59.004	-28.006	74.000	-13.010	PK
2		7307.000	59.284	66.994	-14.716	74.000	-7.710	PK
3	*	7309.800	50.528	58.238	-3.472	54.000	-7.710	AV
4		9748.000	48.167	49.757	-25.833	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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	



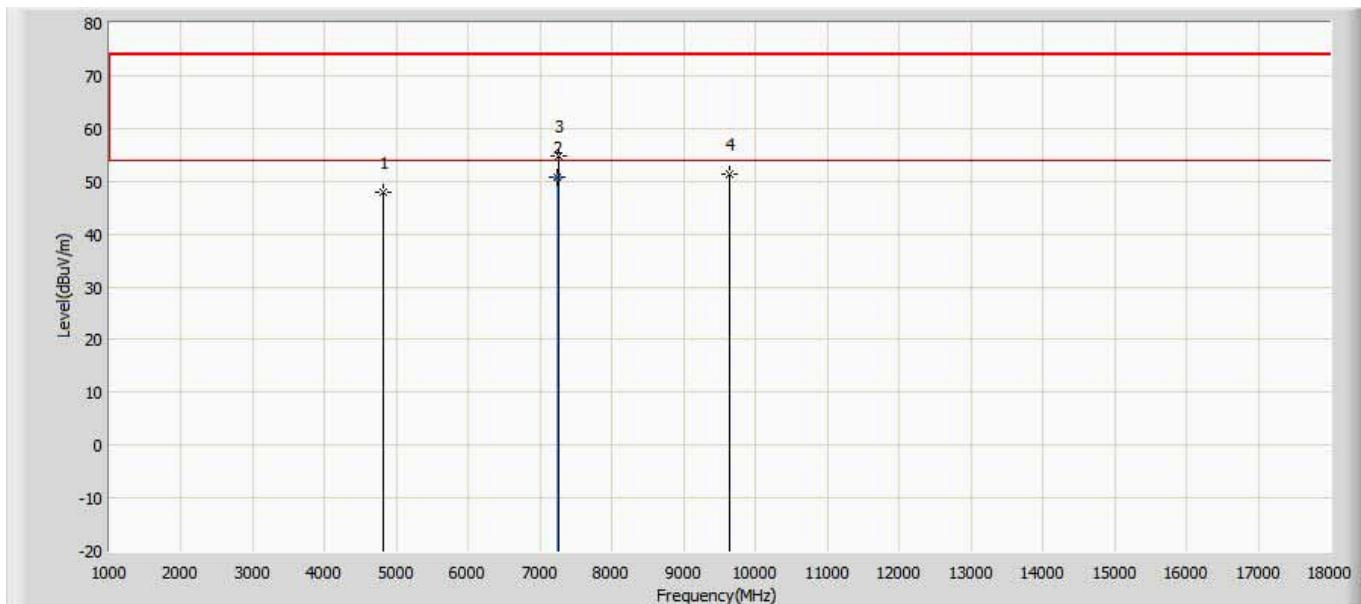
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	45.530	58.540	-28.470	74.000	-13.010	PK
2		7386.000	44.814	52.524	-29.186	74.000	-7.710	PK
3	*	9848.500	51.447	53.037	-22.553	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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	



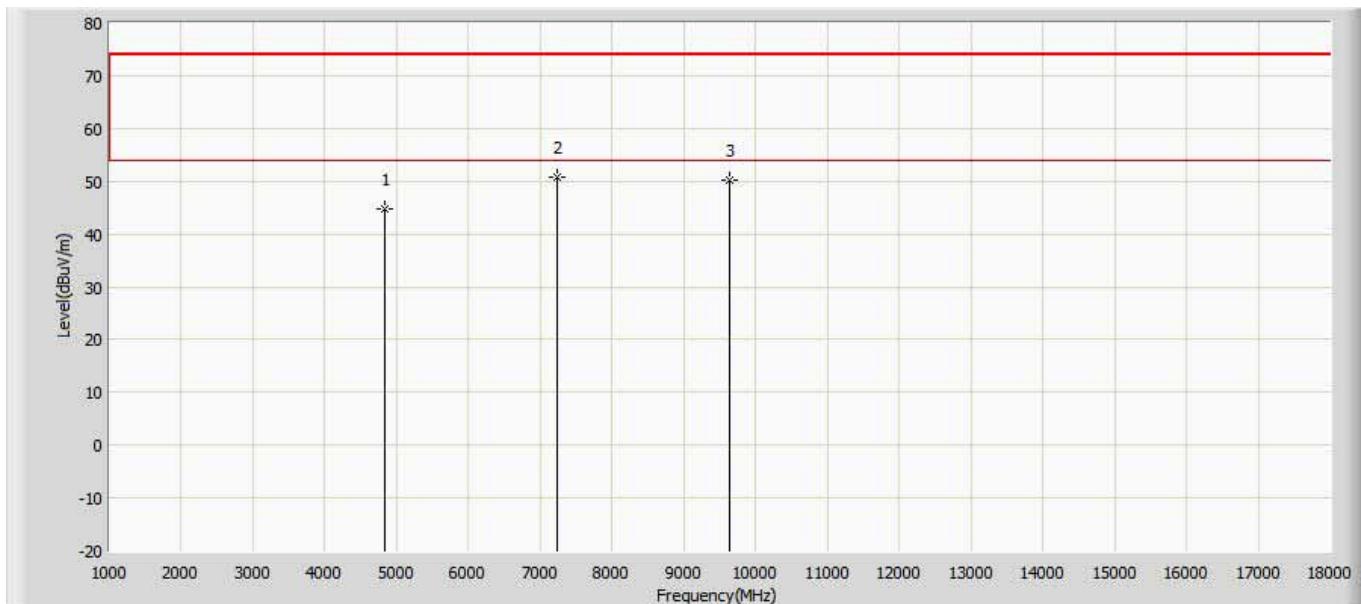
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	44.523	57.533	-29.477	74.000	-13.010	PK
2		7386.000	43.727	51.437	-30.273	74.000	-7.710	PK
3	*	9848.000	49.278	50.868	-24.722	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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 802.11n20	



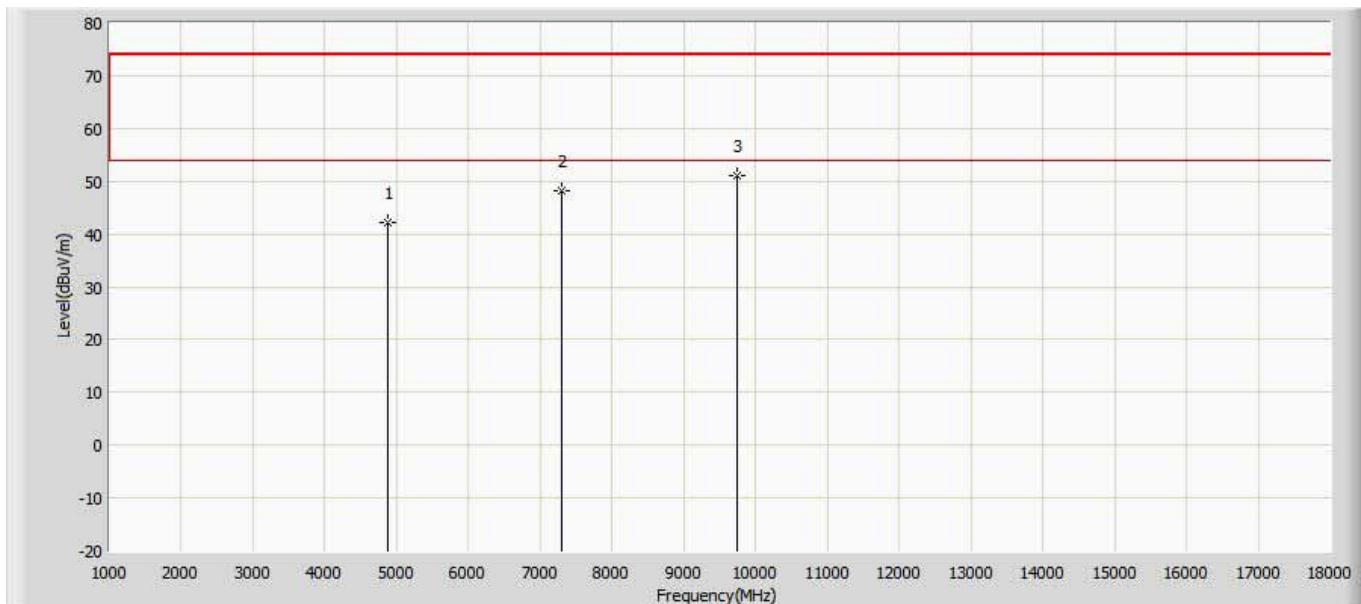
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4816.500	47.992	61.002	-26.008	74.000	-13.010	PK
2	*	7236.000	50.748	58.458	-3.252	54.000	-7.710	AV
3		7247.500	54.728	62.438	-19.272	74.000	-7.710	PK
4		9644.500	51.466	53.056	-22.534	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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 802.11n20	



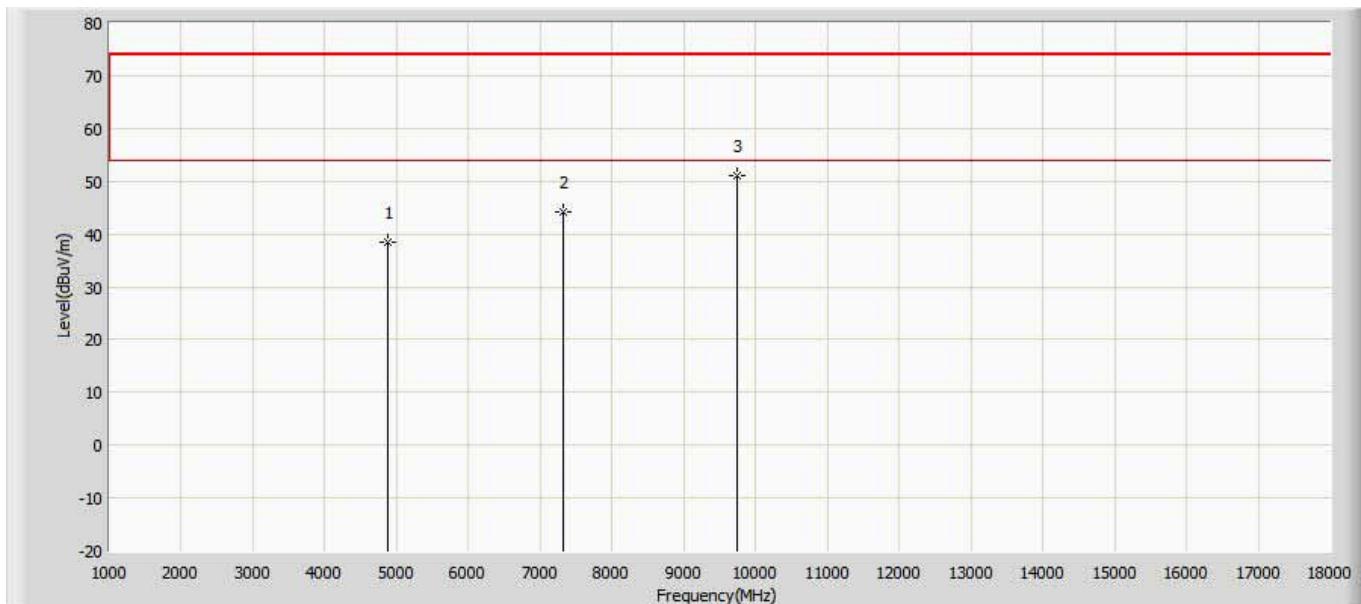
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	44.655	57.665	-29.345	74.000	-13.010	PK
2	*	7230.500	50.801	58.511	-23.199	74.000	-7.710	PK
3		9644.500	50.064	51.654	-23.936	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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 802.11n20	



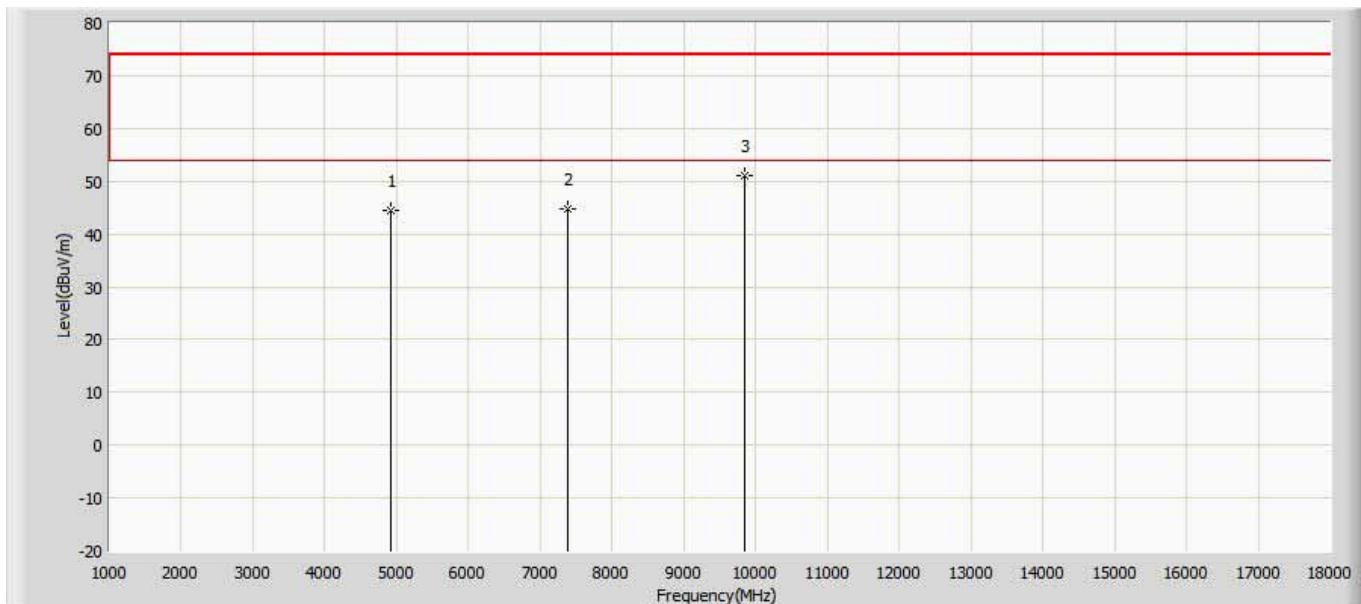
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	42.215	55.225	-31.785	74.000	-13.010	PK
2		7307.000	48.108	55.818	-25.892	74.000	-7.710	PK
3	*	9746.500	50.964	52.554	-23.036	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:18
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 802.11n20	



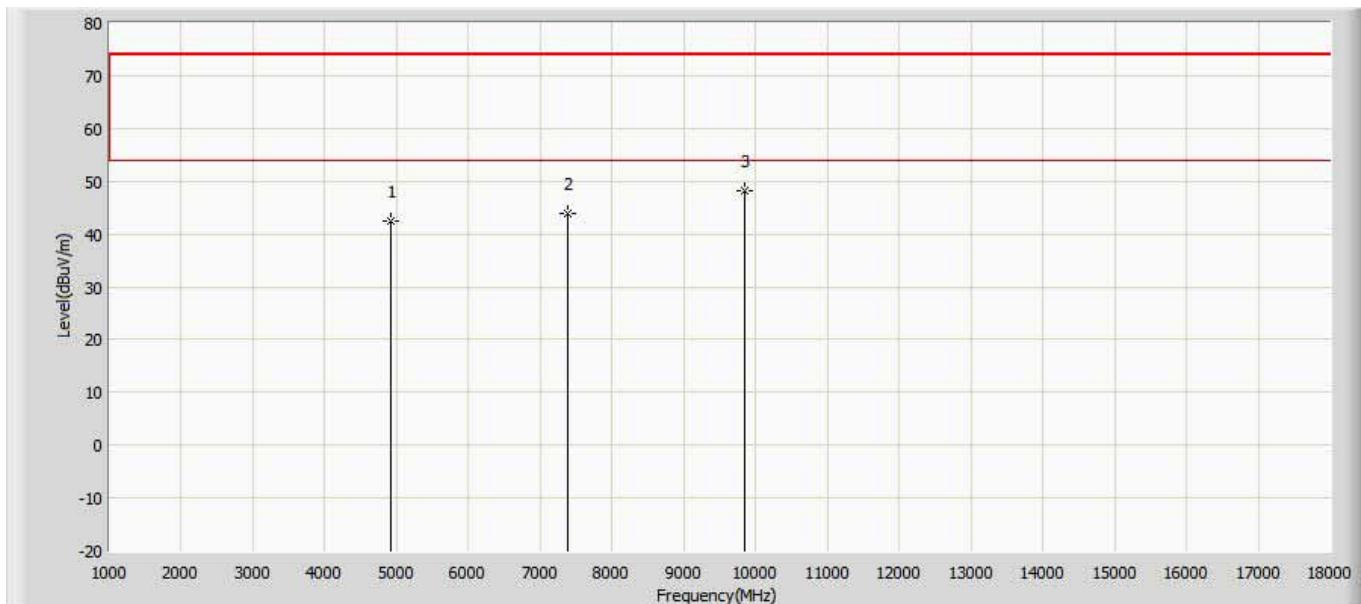
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.425	51.435	-35.575	74.000	-13.010	PK
2		7311.000	44.262	51.972	-29.738	74.000	-7.710	PK
3	*	9746.500	50.940	52.530	-23.060	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:19
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 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4918.500	44.434	57.444	-29.566	74.000	-13.010	PK
2		7386.000	44.654	52.364	-29.346	74.000	-7.710	PK
3	*	9848.500	50.944	52.534	-23.056	74.000	-1.590	PK

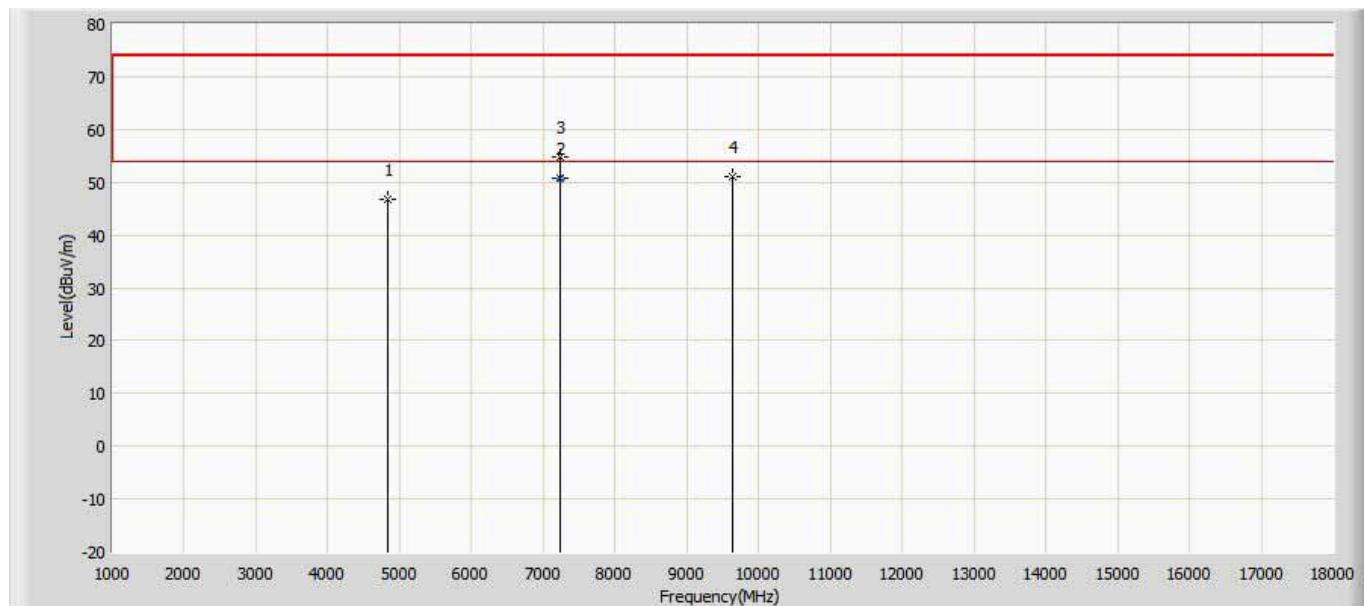
Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	42.603	55.613	-31.397	74.000	-13.010	PK
2		7386.000	43.813	51.523	-30.187	74.000	-7.710	PK
3	*	9848.000	48.301	49.891	-25.699	74.000	-1.590	PK

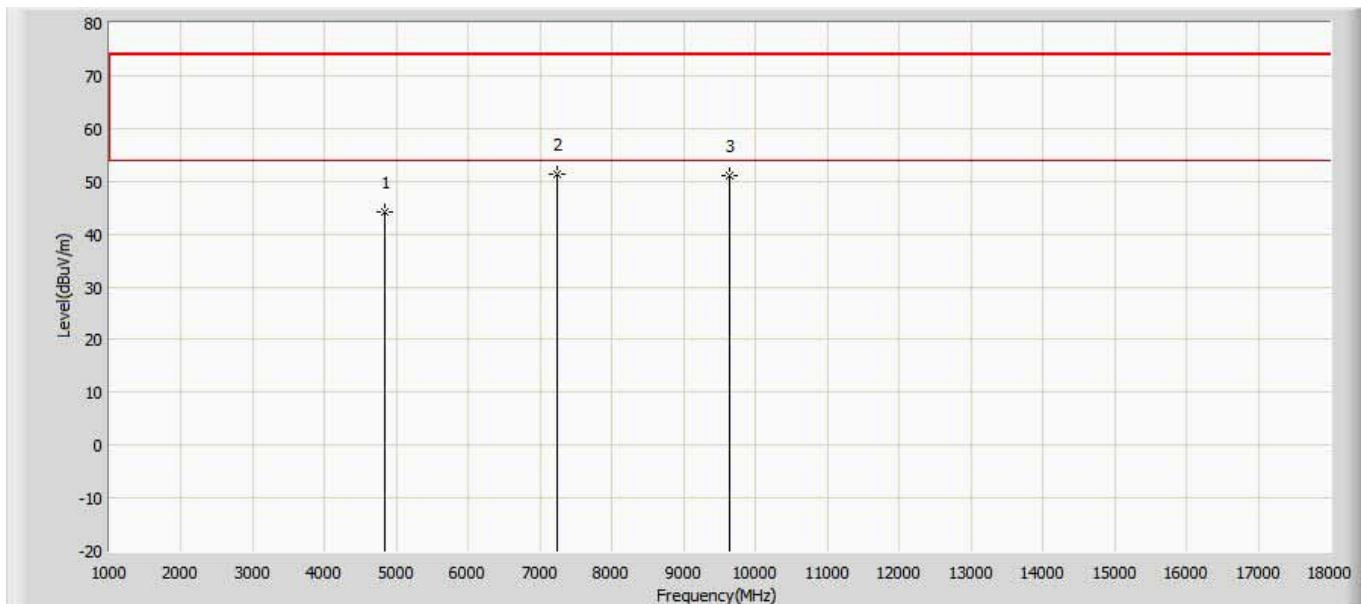
Ant 1+2:

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



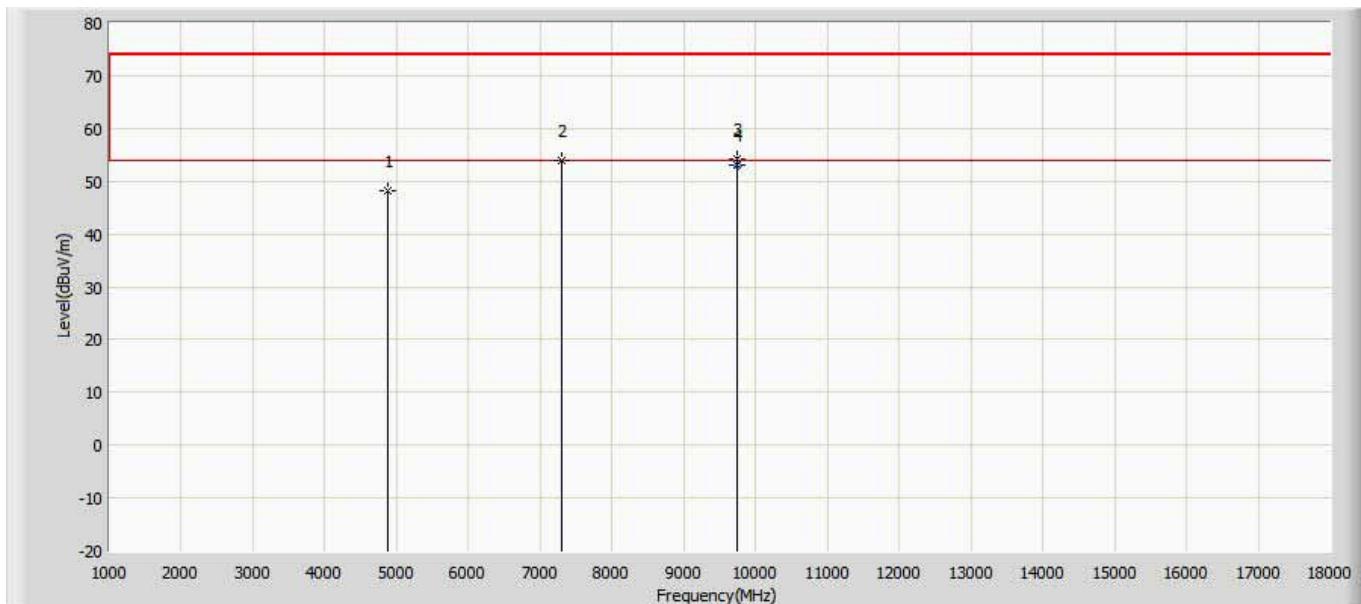
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	46.685	59.695	-27.315	74.000	-13.010	PK
2	*	7236.000	50.731	58.441	-3.269	54.000	-7.710	AV
3		7239.000	54.857	62.567	-19.143	74.000	-7.710	PK
4		9644.500	50.917	52.507	-23.083	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



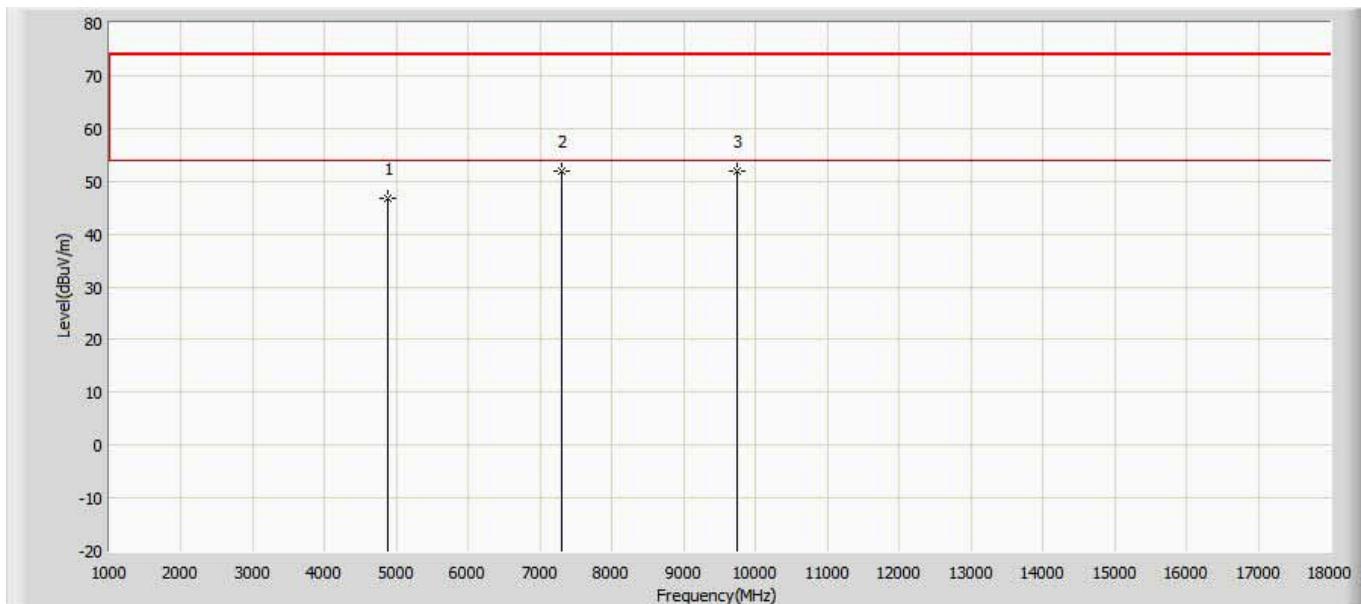
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	44.116	57.126	-29.884	74.000	-13.010	PK
2	*	7239.000	51.280	58.990	-22.720	74.000	-7.710	PK
3		9644.500	51.049	52.639	-22.951	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



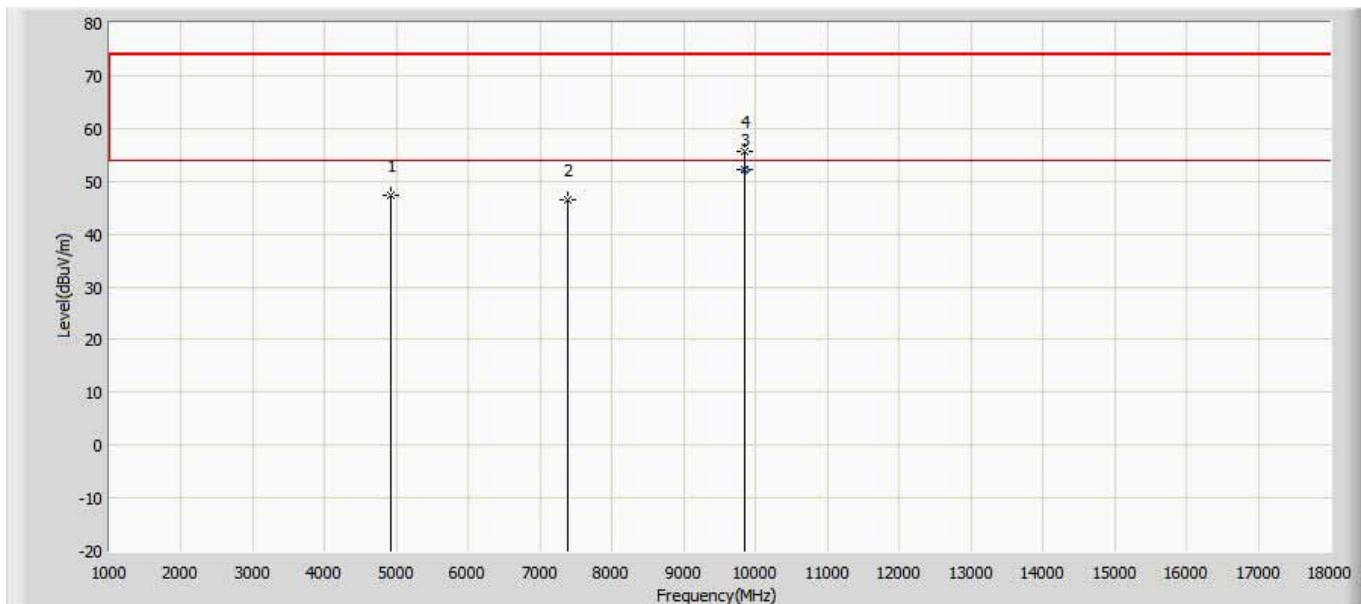
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	48.271	61.281	-25.729	74.000	-13.010	PK
2		7307.000	53.973	61.683	-20.027	74.000	-7.710	PK
3		9746.500	54.236	55.826	-19.764	74.000	-1.590	PK
4	*	9747.780	53.061	54.651	-0.939	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



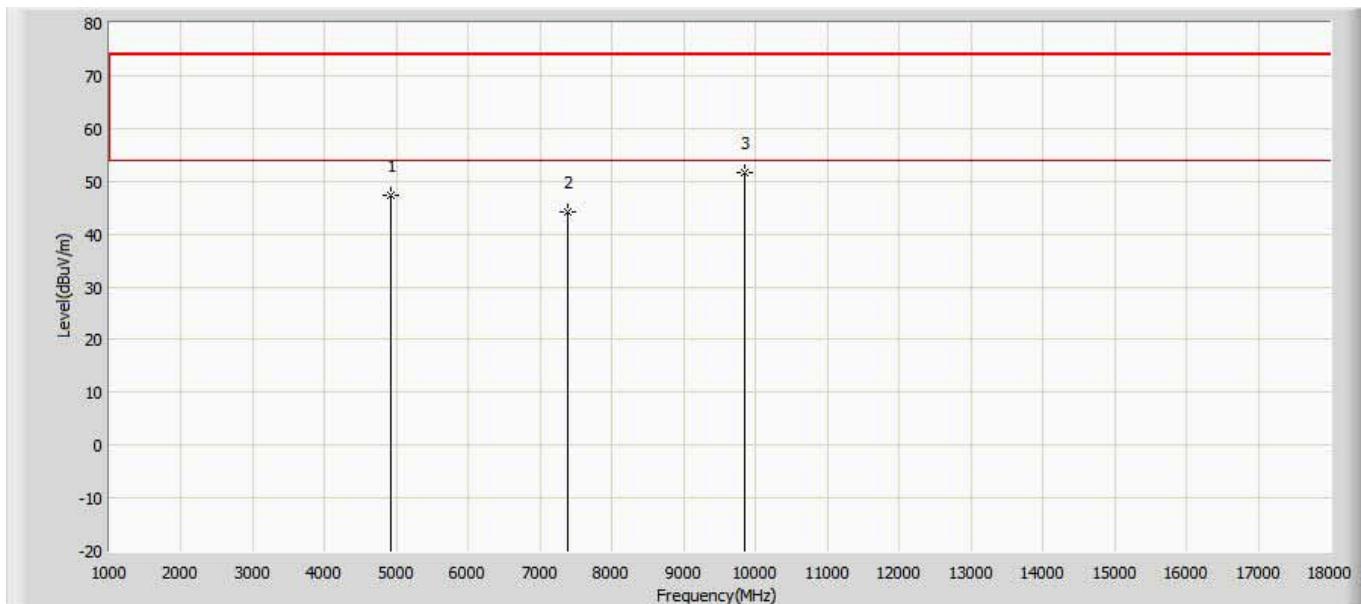
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	46.671	59.681	-27.329	74.000	-13.010	PK
2	*	7307.000	51.960	59.670	-22.040	74.000	-7.710	PK
3		9746.500	51.834	53.424	-22.166	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



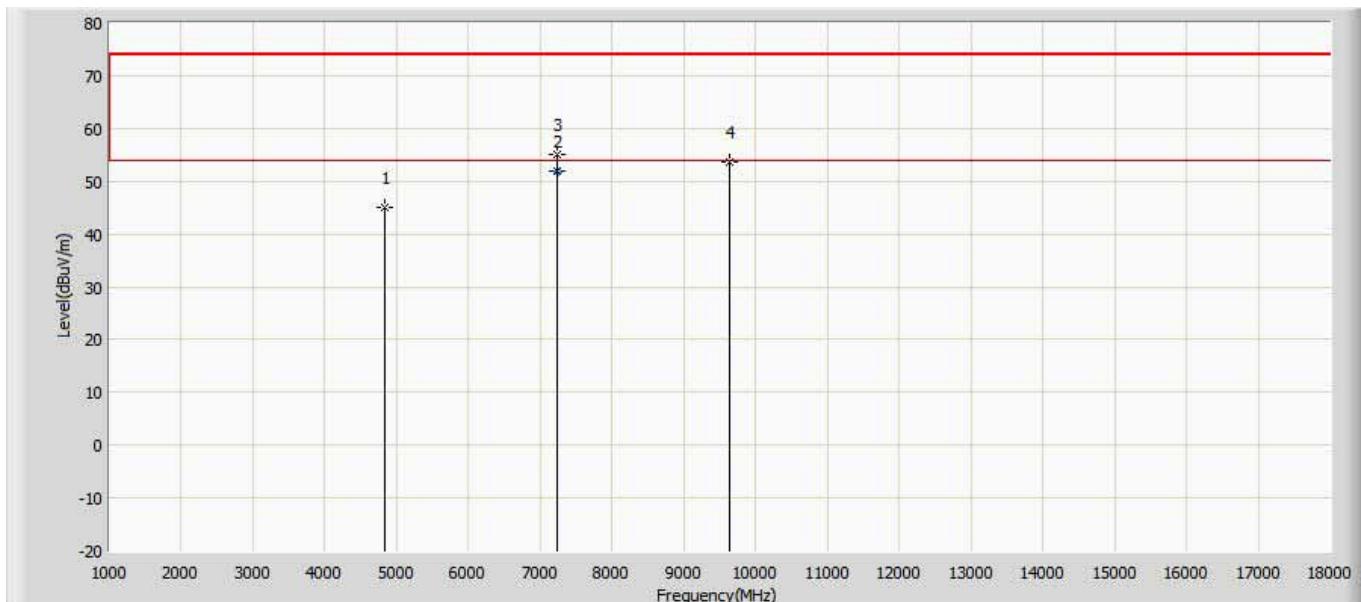
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	47.226	60.236	-26.774	74.000	-13.010	PK
2		7383.500	46.424	54.134	-27.576	74.000	-7.710	PK
3	*	9848.000	52.194	53.784	-1.806	54.000	-1.590	AV
4		9848.500	55.523	57.113	-18.477	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11b	



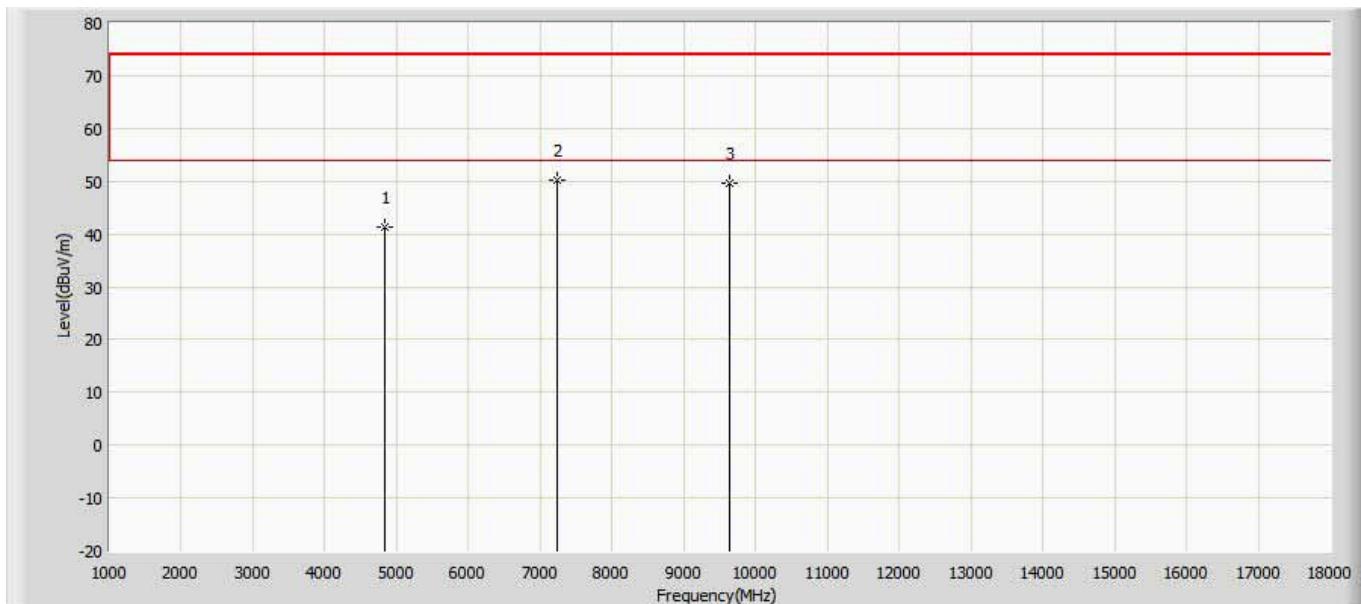
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4927.000	47.371	60.381	-26.629	74.000	-13.010	PK
2		7386.000	44.125	51.835	-29.875	74.000	-7.710	PK
3	*	9848.500	51.580	53.170	-22.420	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11g	



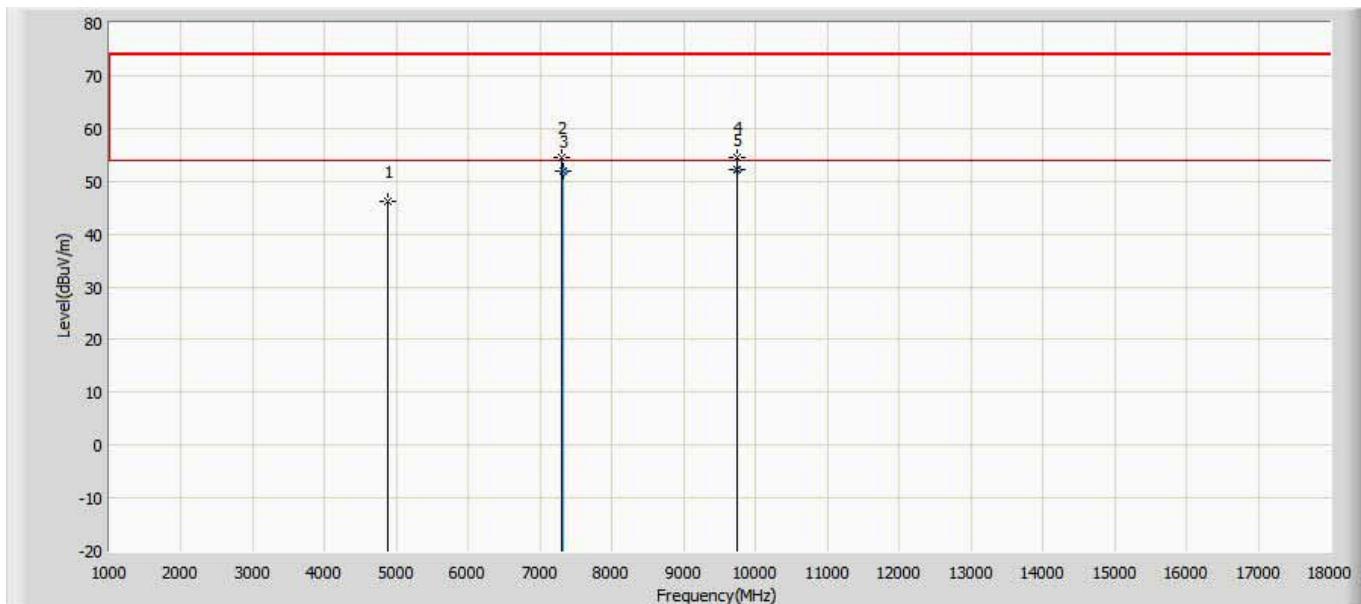
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	44.951	57.961	-29.049	74.000	-13.010	PK
2	*	7236.000	51.877	59.587	-2.123	54.000	-7.710	AV
3		7239.000	54.931	62.641	-19.069	74.000	-7.710	PK
4		9644.500	53.649	55.239	-20.351	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:32
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 802.11g	



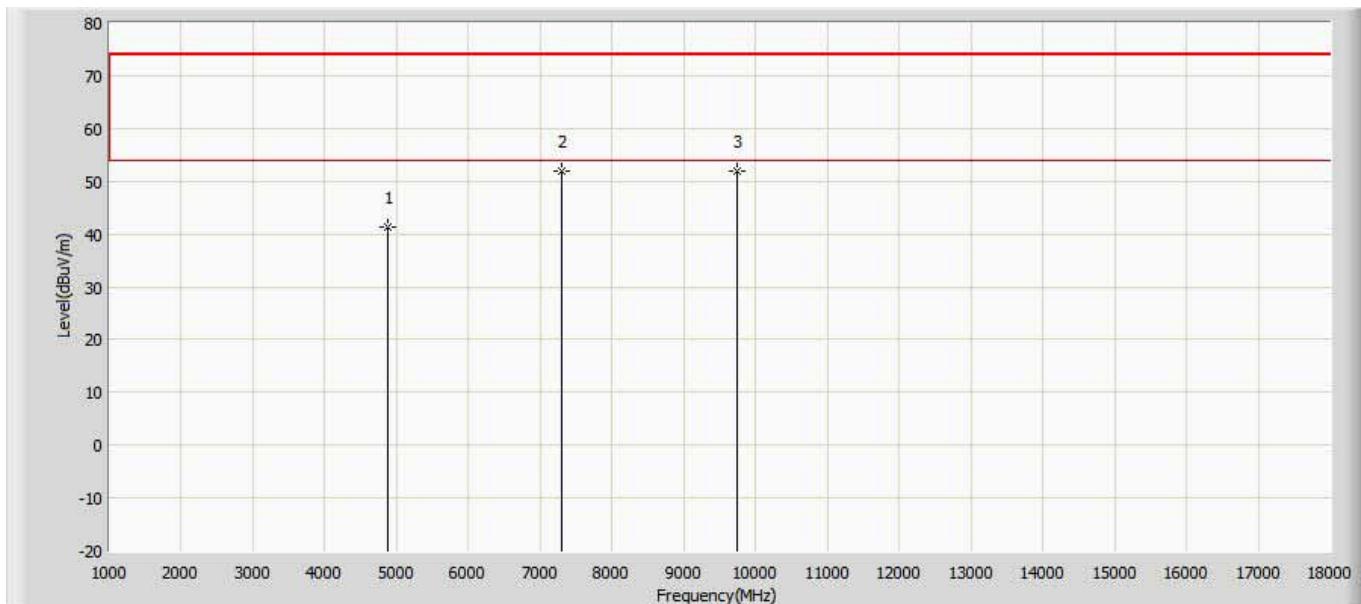
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	41.310	54.320	-32.690	74.000	-13.010	PK
2	*	7239.000	50.235	57.945	-23.765	74.000	-7.710	PK
3		9644.500	49.639	51.229	-24.361	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 802.11g	



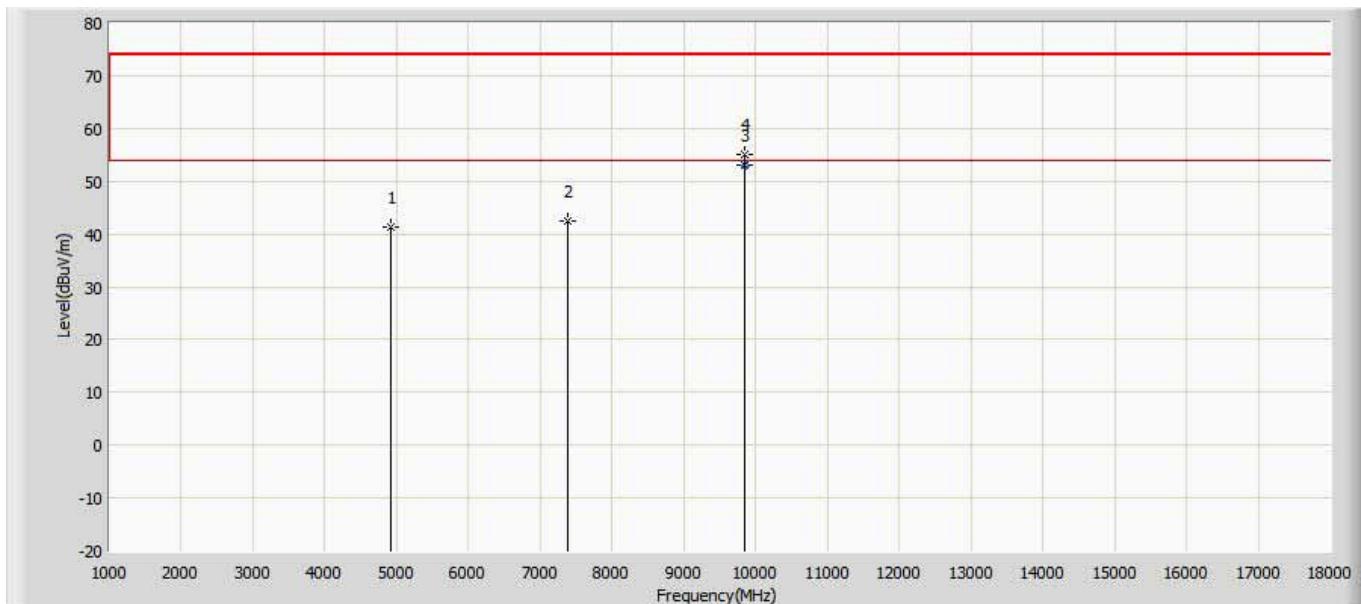
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	46.314	59.324	-27.686	74.000	-13.010	PK
2		7307.000	54.555	62.265	-19.445	74.000	-7.710	PK
3		7311.000	51.854	59.564	-2.146	54.000	-7.710	AV
4		9746.500	54.459	56.049	-19.541	74.000	-1.590	PK
5	*	9748.000	52.264	53.854	-1.736	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 802.11g	



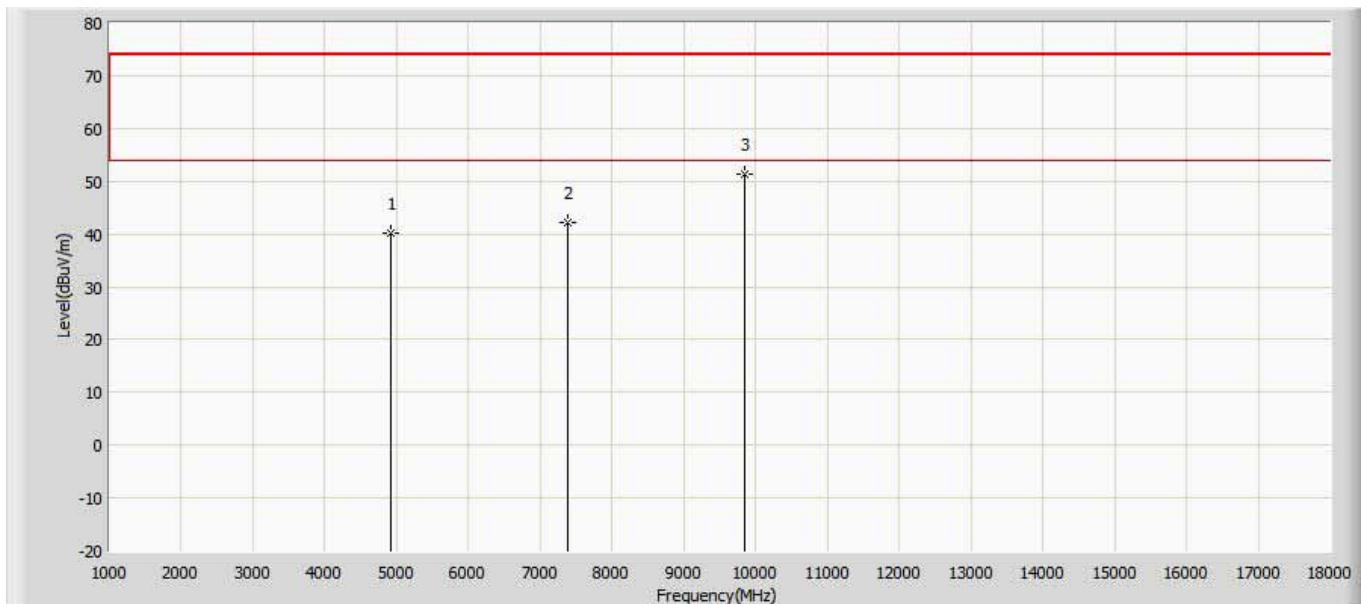
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4867.500	41.330	54.340	-32.670	74.000	-13.010	PK
2	*	7307.000	52.001	59.711	-21.999	74.000	-7.710	PK
3		9746.500	51.953	53.543	-22.047	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 802.11g	



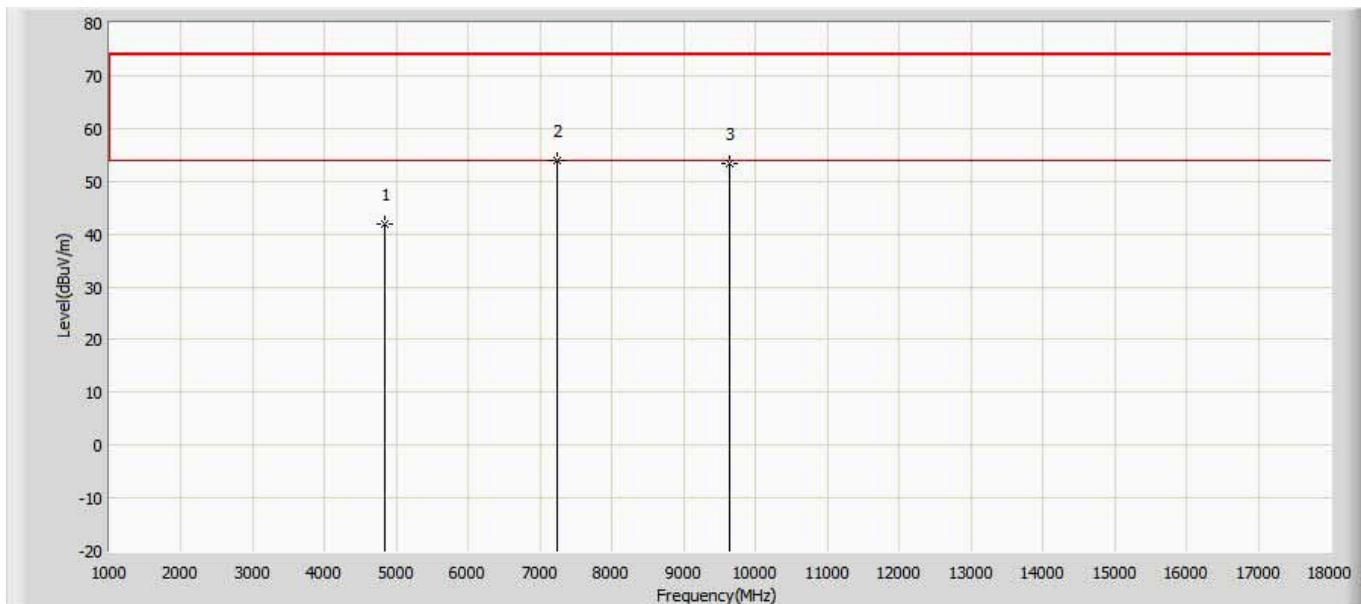
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4918.500	41.355	54.365	-32.645	74.000	-13.010	PK
2		7386.000	42.565	50.275	-31.435	74.000	-7.710	PK
3	*	9848.000	53.194	54.784	-0.806	54.000	-1.590	AV
4		9848.500	55.119	56.709	-18.881	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 802.11g	



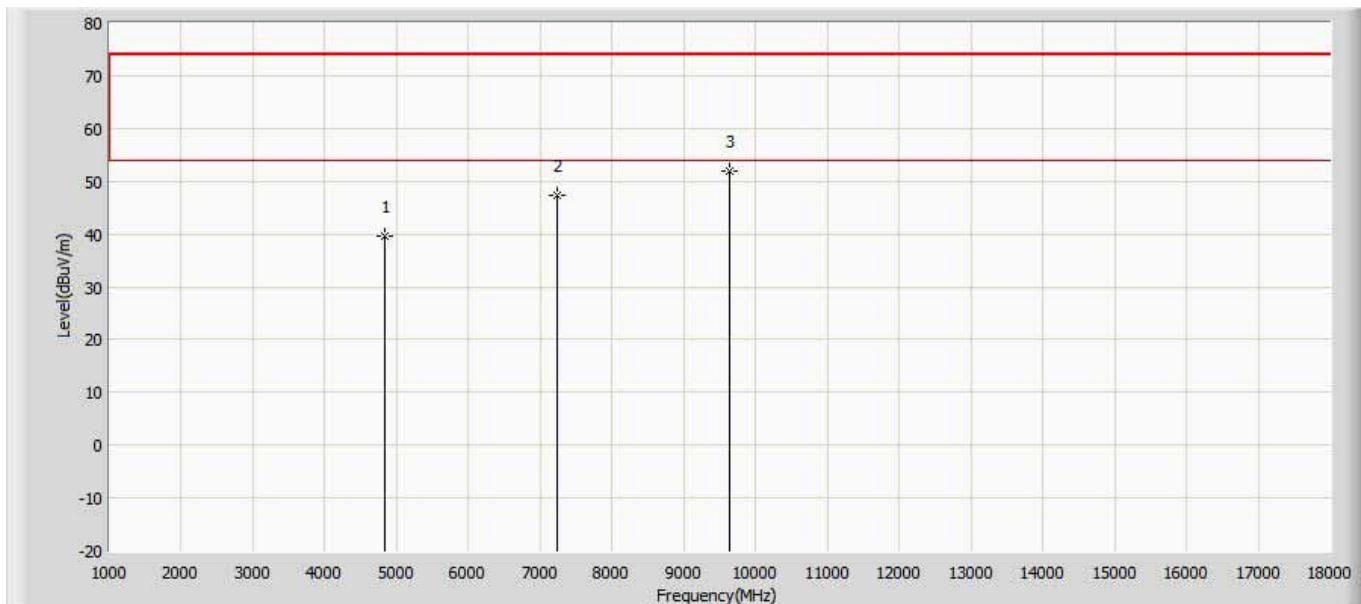
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.291	53.301	-33.709	74.000	-13.010	PK
2		7386.000	42.296	50.006	-31.704	74.000	-7.710	PK
3	*	9848.500	51.437	53.027	-22.563	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 6:Transmit at 2412MHz by 802.11n20	



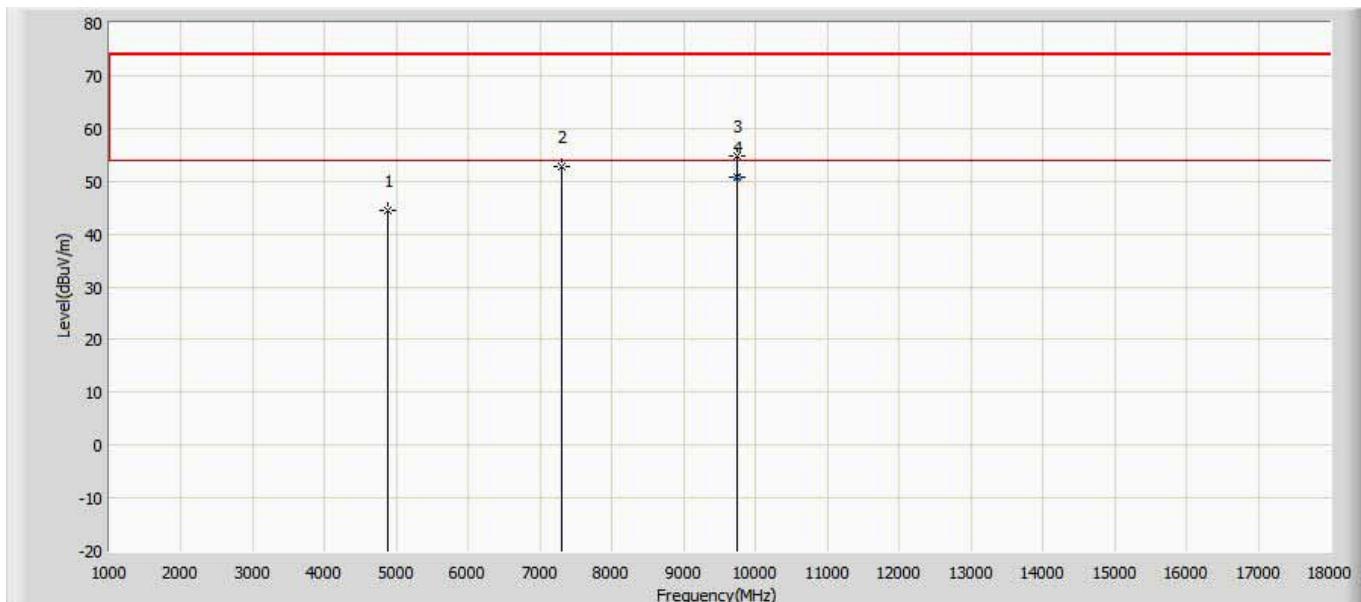
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	41.956	54.966	-32.044	74.000	-13.010	PK
2	*	7239.000	53.789	61.499	-20.211	74.000	-7.710	PK
3		9644.500	53.367	54.957	-20.633	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 6:Transmit at 2412MHz by 802.11n20	



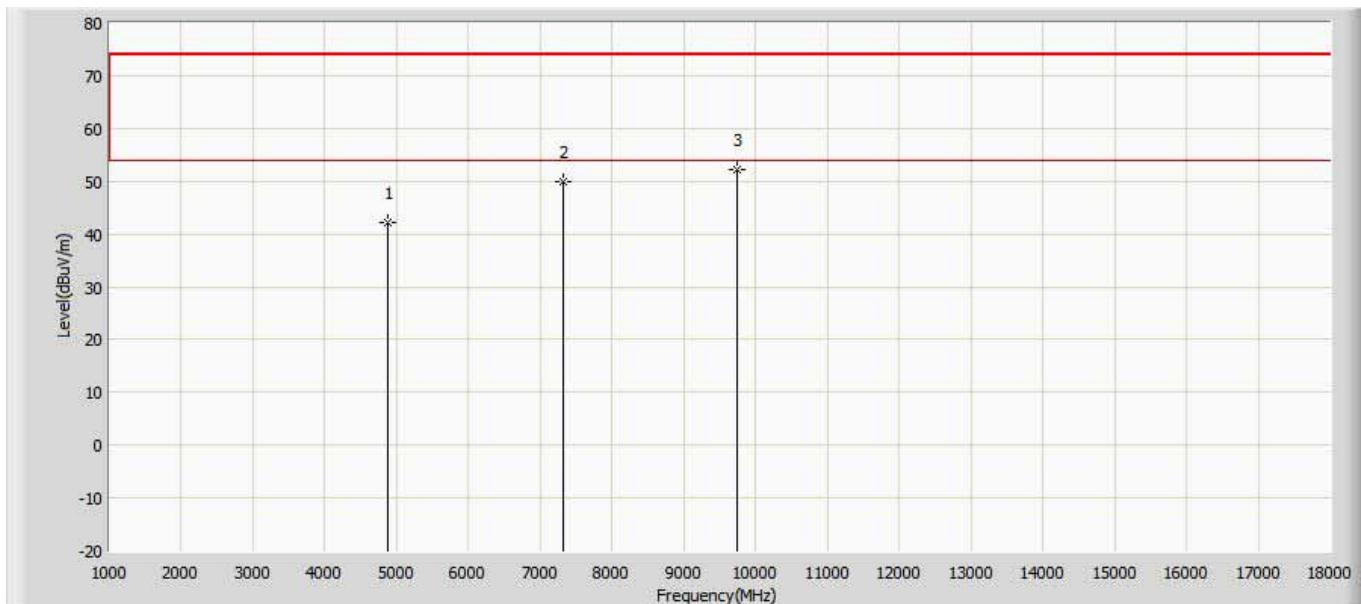
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.503	52.513	-34.497	74.000	-13.010	PK
2		7230.500	47.348	55.058	-26.652	74.000	-7.710	PK
3	*	9644.500	51.927	53.517	-22.073	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 6:Transmit at 2437MHz by 802.11n20	



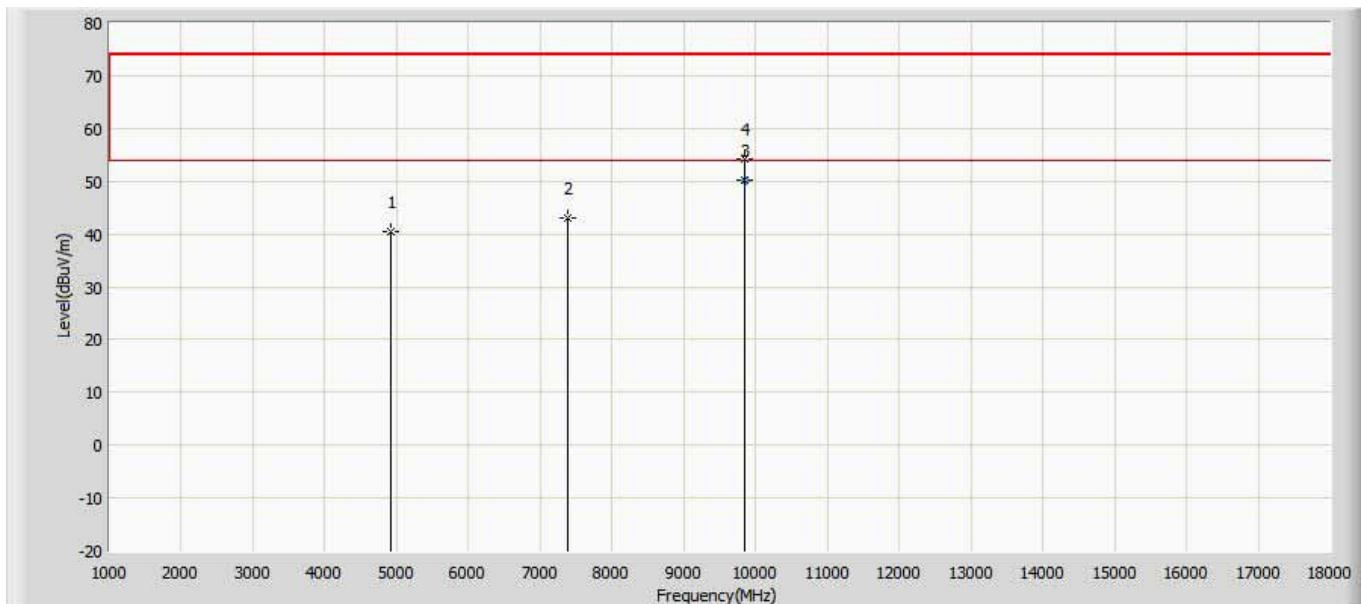
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	44.544	57.554	-29.456	74.000	-13.010	PK
2	*	7307.000	52.857	60.567	-21.143	74.000	-7.710	PK
3		9746.500	54.928	56.518	-19.072	74.000	-1.590	PK
4	*	9748.000	50.897	52.487	-3.103	54.000	-1.590	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:33
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 6:Transmit at 2437MHz by 802.11n20	



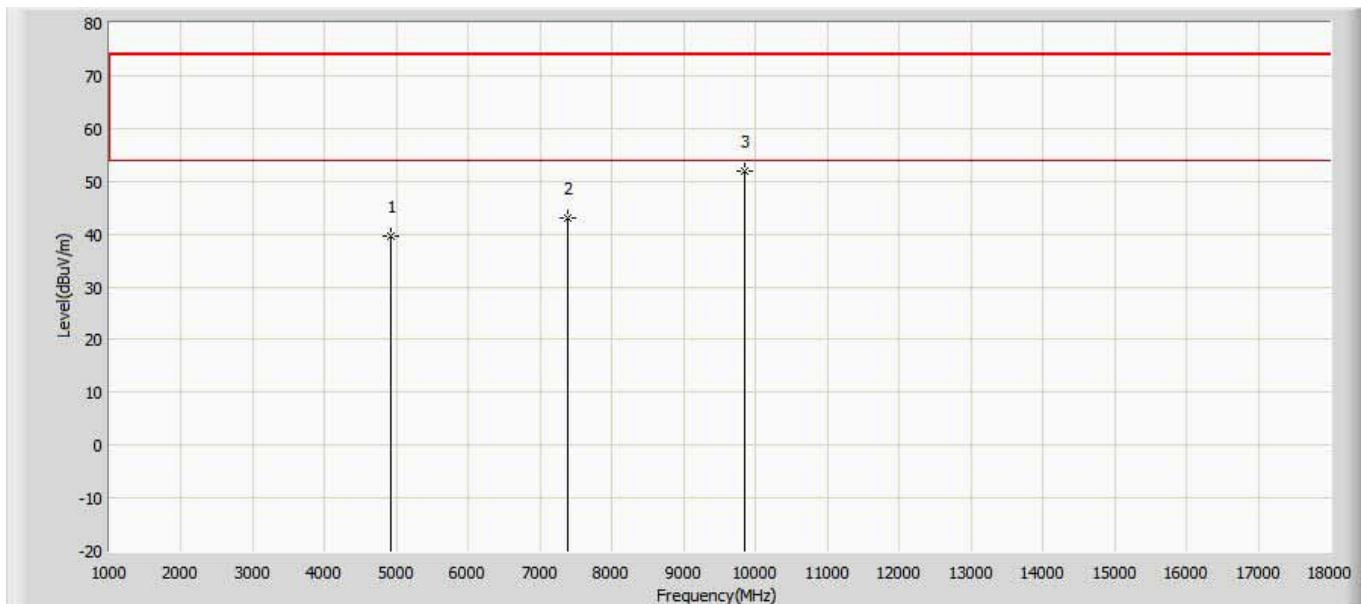
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4867.500	42.078	55.088	-31.922	74.000	-13.010	PK
2		7315.500	50.032	57.742	-23.968	74.000	-7.710	PK
3	*	9746.500	52.226	53.816	-21.774	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:34
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 6:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.348	53.358	-33.652	74.000	-13.010	PK
2		7386.000	43.011	50.721	-30.989	74.000	-7.710	PK
3	*	9848.000	50.168	51.758	-3.832	54.000	-1.590	AV
4		9848.500	54.152	55.742	-19.848	74.000	-1.590	PK

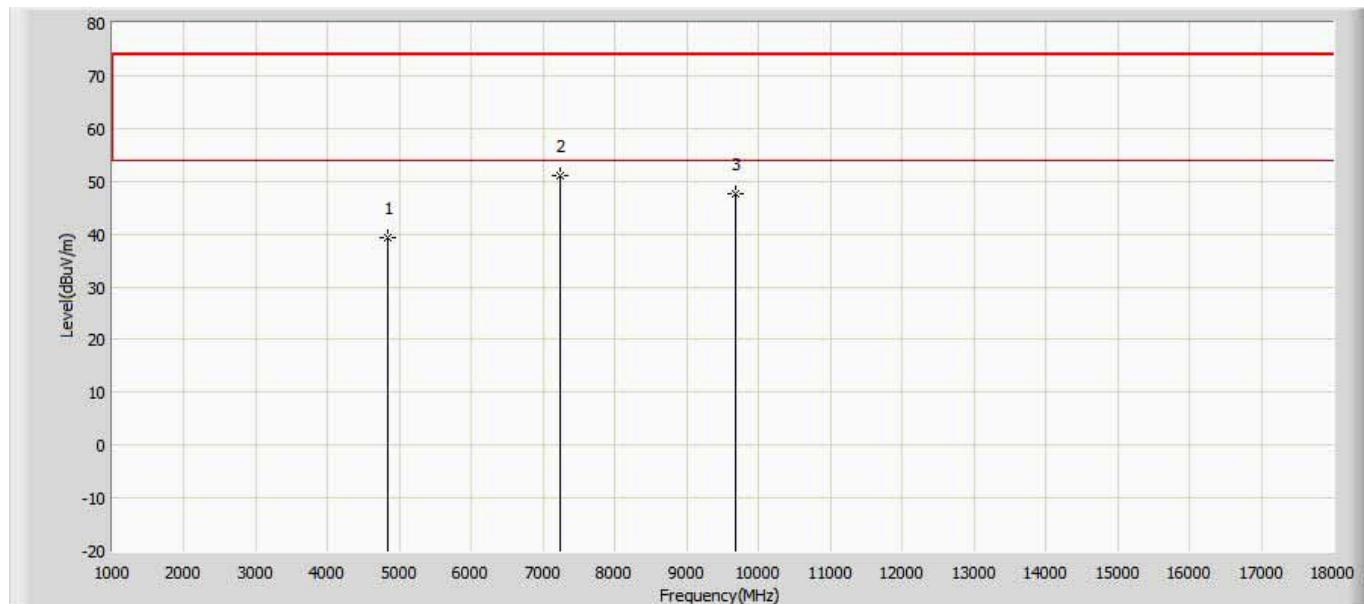
Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 09:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.735	52.745	-34.265	74.000	-13.010	PK
2		7386.000	43.010	50.720	-30.990	74.000	-7.710	PK
3	*	9848.500	51.799	53.389	-22.201	74.000	-1.590	PK

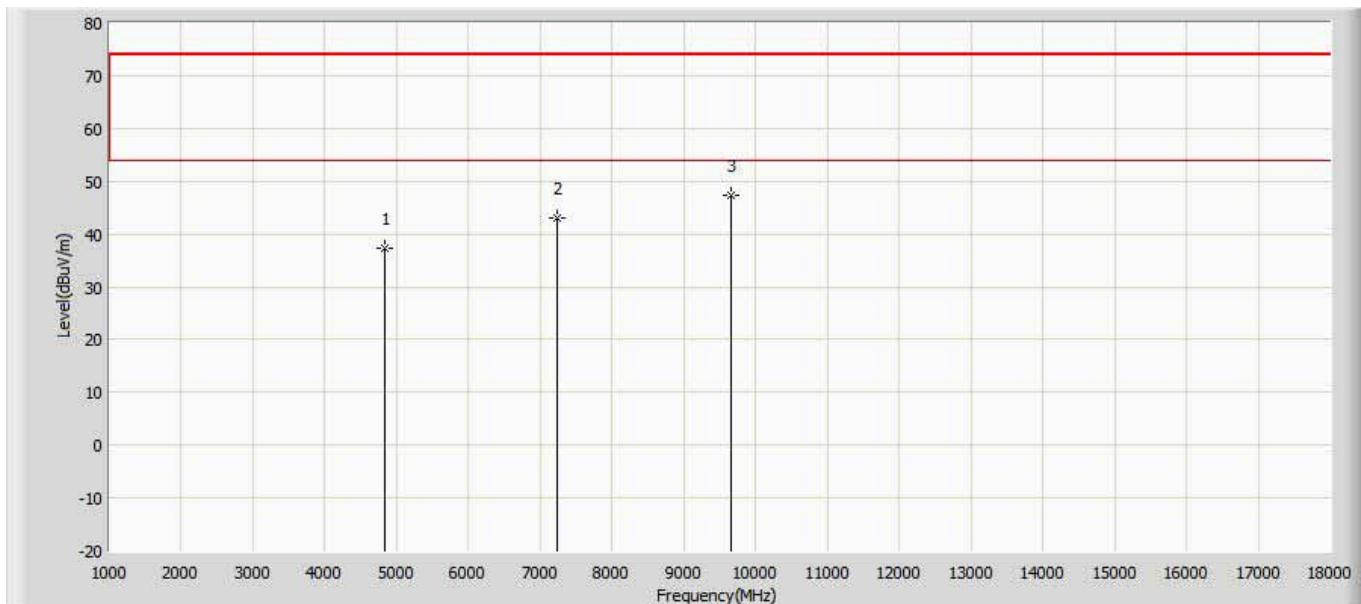
Beam-forming:

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:55
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 7:Transmit at 2412MHz by 802.11n20	



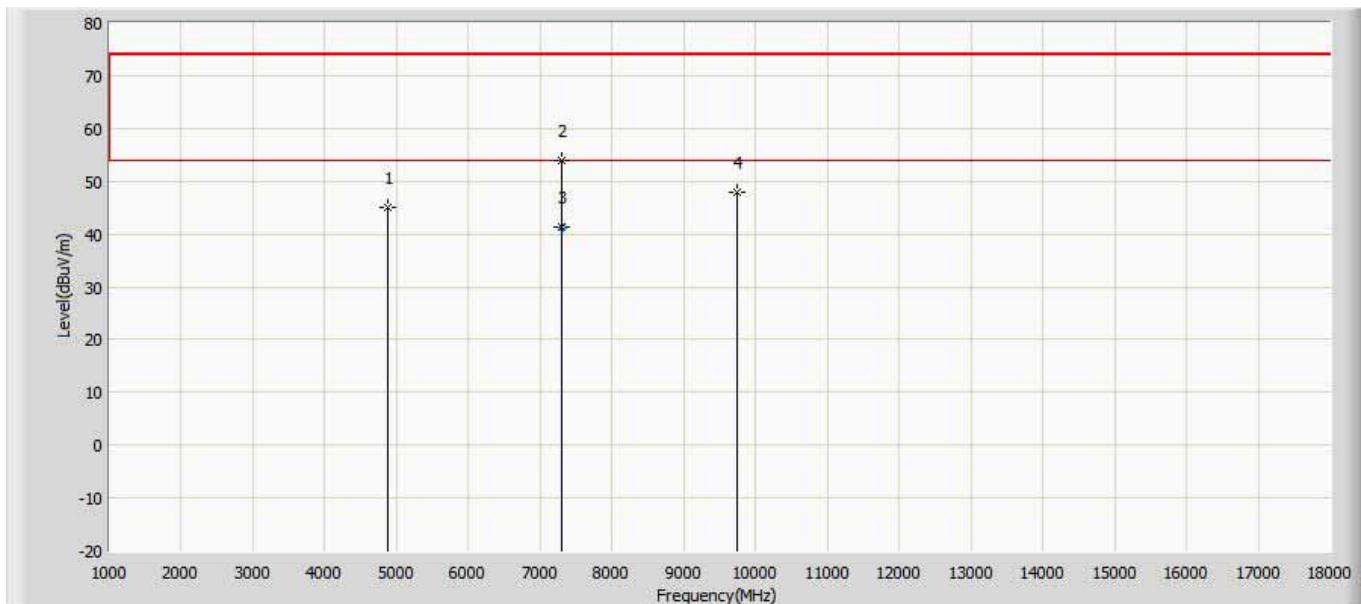
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.320	52.330	-34.680	74.000	-13.010	PK
2	*	7239.000	51.039	58.749	-22.961	74.000	-7.710	PK
3		9688.000	47.500	49.090	-26.500	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:55
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 7:Transmit at 2412MHz by 802.11n20	



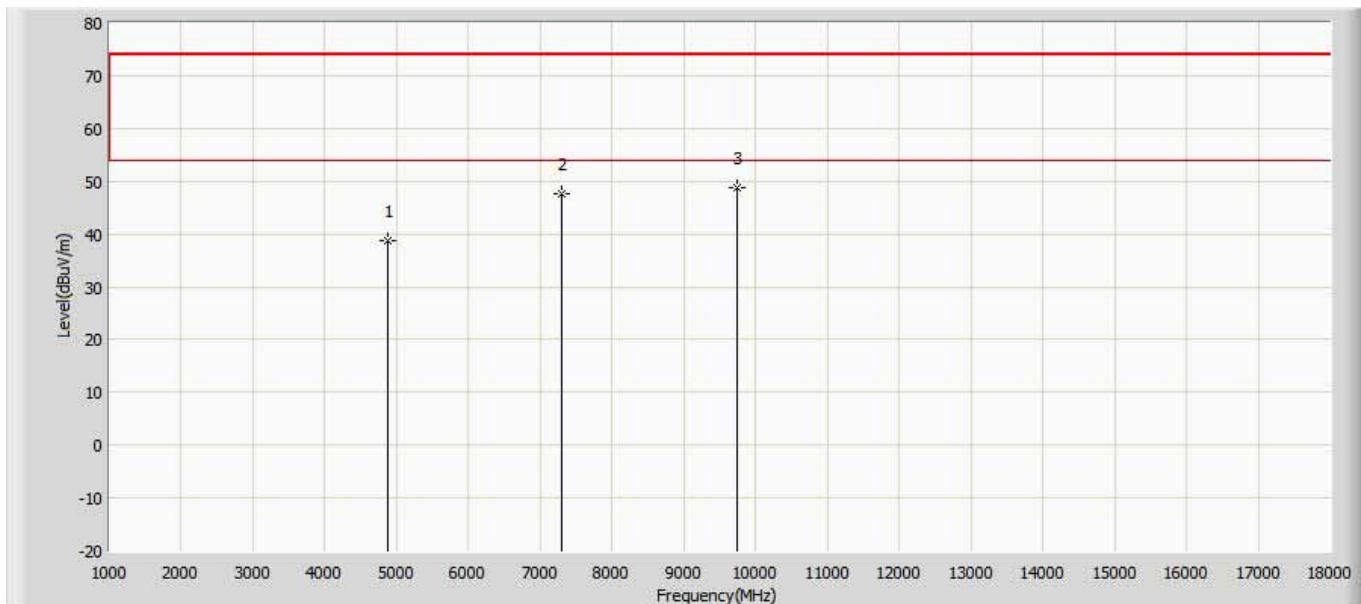
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.353	50.363	-36.647	74.000	-13.010	PK
2		7236.000	43.081	50.791	-30.919	74.000	-7.710	PK
3	*	9648.000	47.297	48.887	-26.703	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:56
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 7:Transmit at 2437MHz by 802.11n20	



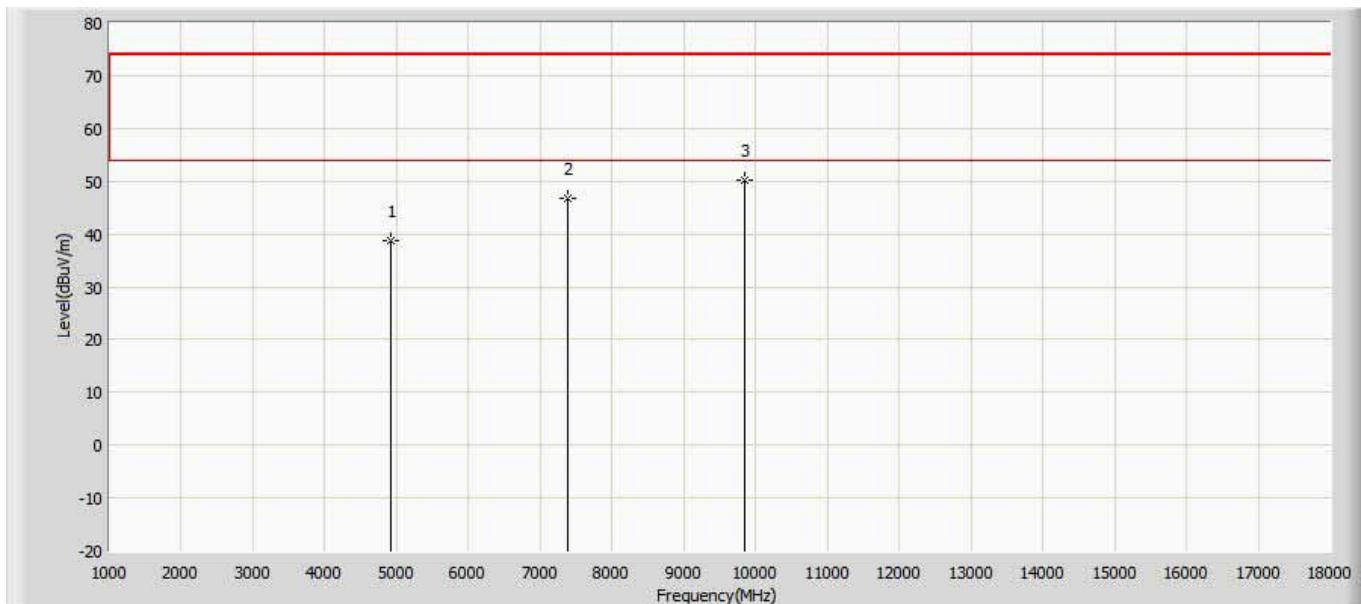
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4876.000	45.153	58.163	-28.847	74.000	-13.010	PK
2		7307.000	53.827	61.537	-20.173	74.000	-7.710	PK
3	*	7309.000	41.345	49.055	-12.655	54.000	-7.710	AV
4		9748.000	47.914	49.504	-26.086	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:56
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 7:Transmit at 2437MHz by 802.11n20	



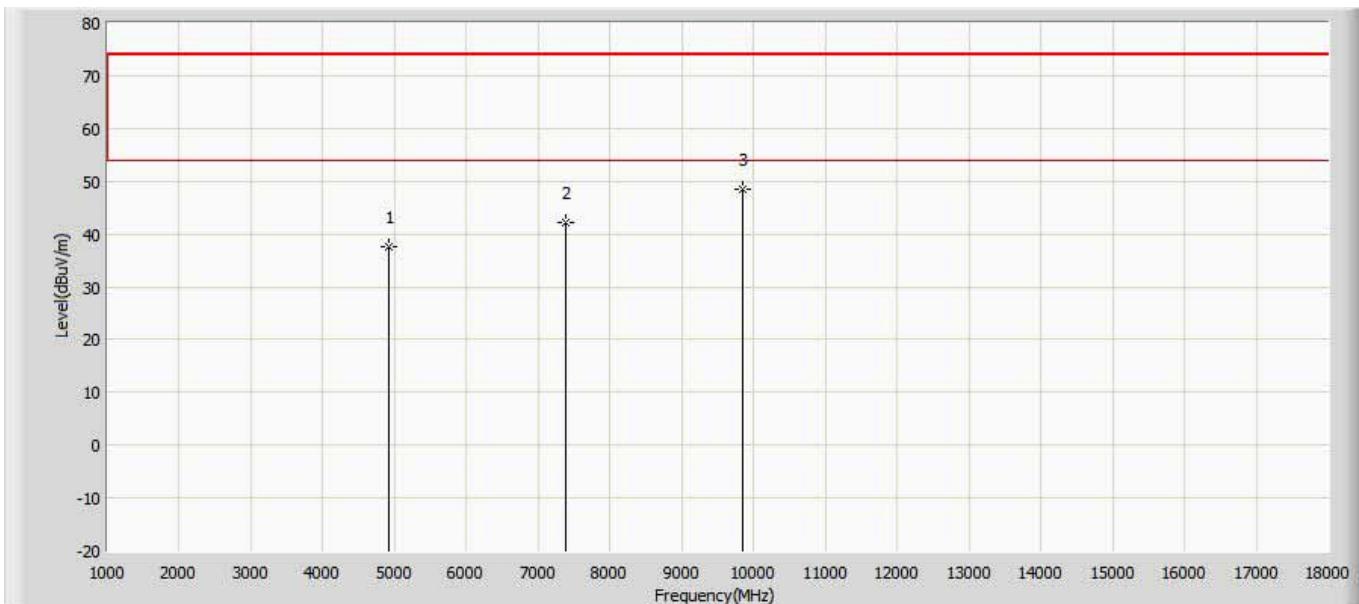
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.634	51.644	-35.366	74.000	-13.010	PK
2		7307.000	47.757	55.467	-26.243	74.000	-7.710	PK
3	*	9748.000	48.736	50.326	-25.264	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:56
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 7:Transmit at 2462MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.811	51.821	-35.189	74.000	-13.010	PK
2		7392.000	46.885	54.595	-27.115	74.000	-7.710	PK
3	*	9848.500	50.084	51.674	-23.916	74.000	-1.590	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:56
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 7:Transmit at 2462MHz by 802.11n20	



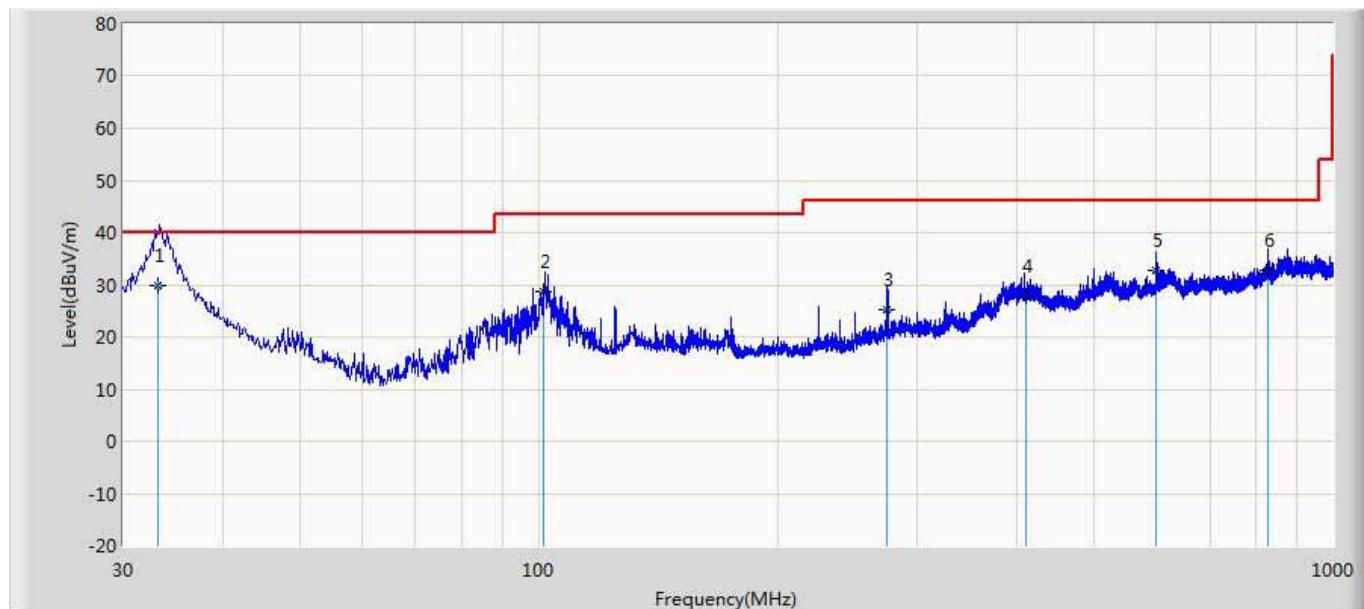
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.721	50.731	-36.279	74.000	-13.010	PK
2		7386.000	42.306	50.016	-31.694	74.000	-7.710	PK
3	*	9848.000	48.537	50.127	-25.463	74.000	-1.590	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~26GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

The worst case of Radiated Emission below 1GHz:

Engineer: leiwan	
Site: AC2	Time: 2017/10/13 - 09:34
Limit: FCC_Part15.109_RE(3m)_ClassC	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: Wireless Access point	Power: 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ant 0+1	

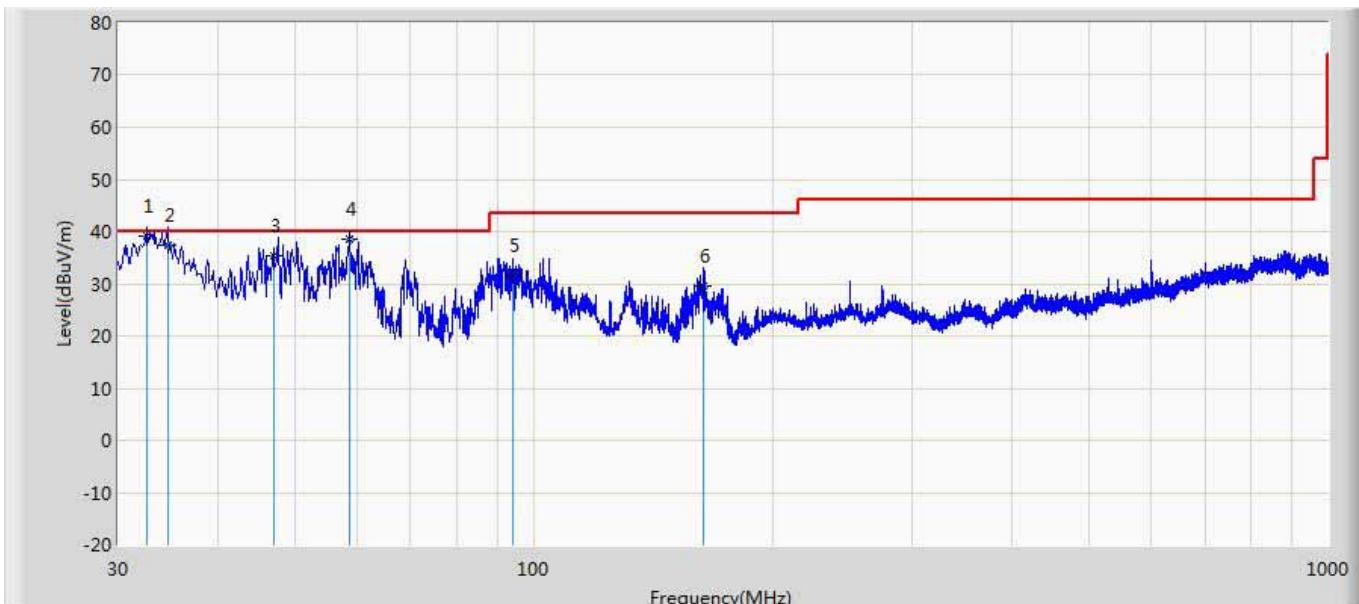


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Prob e (dB/ m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	33.131	29.967	2.600	-10.033	40.000	20.71 5	6.652	0.000	200	331	QP
2		101.336	28.734	11.548	-14.766	43.500	10.30 2	6.883	0.000	200	15	QP
3		274.266	25.324	6.009	-20.676	46.000	11.72 0	7.595	0.000	100	332	QP
4		409.979	27.728	2.005	-18.272	46.000	17.76 5	7.959	0.000	100	115	QP
5		599.336	32.683	3.654	-13.317	46.000	20.52 5	8.505	0.000	200	154	QP
6		827.546	32.764	1.005	-13.236	46.000	22.68 4	9.076	0.000	200	114	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: leiwan	
Site: AC2	Time: 2017/10/13 - 09:37
Limit: FCC_Part15.109_RE(3m)_ClassC	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: Wireless Access point	Power: 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b ant 0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Prob e (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	32.595	39.089	15.600	-0.911	40.000	16.843	6.647	0.000	100	0	QP
2		34.645	37.408	14.400	-2.592	40.000	16.340	6.668	0.000	100	4	QP
3		47.125	35.255	16.597	-4.745	40.000	12.081	6.577	0.000	200	47	QP
4		58.711	38.433	21.800	-1.567	40.000	9.937	6.696	0.000	100	10	QP
5		94.294	31.537	12.002	-11.963	43.500	12.734	6.800	0.000	100	325	QP
6		163.468	29.573	10.154	-13.927	43.500	12.160	7.259	0.000	100	115	QP

Note:

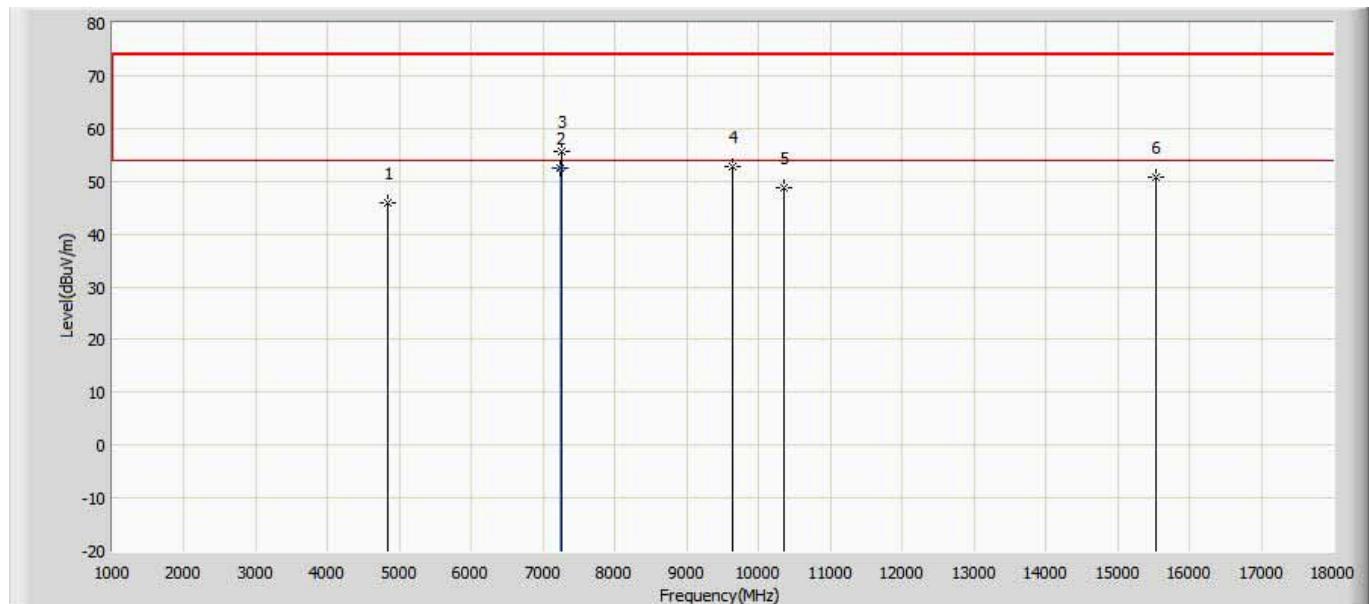
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average

measurements as necessary.

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

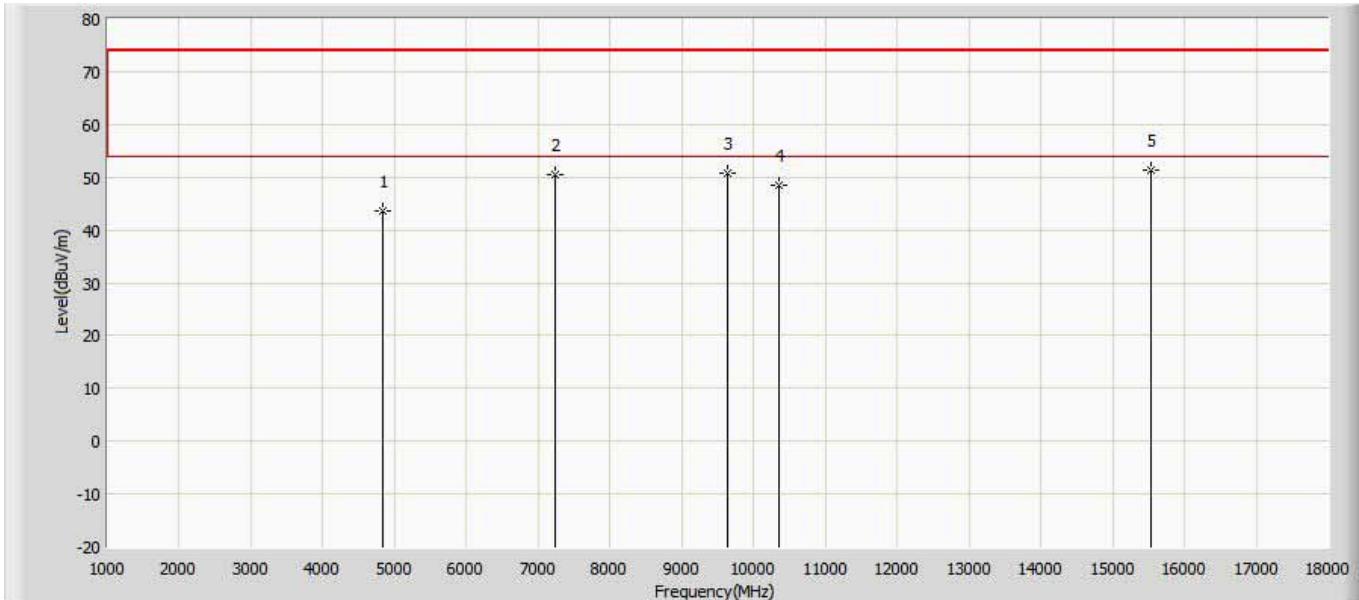
The worst case of Simultaneous Radiated Emission:

Engineer: Simon	
Site: AC5	Time: 2017/11/27 - 10:30
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 2:Transmit at 2412MHz by 802.11g & 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	45.851	58.861	-28.149	74.000	-13.010	PK
2	*	7236.000	52.439	60.149	-1.561	54.000	-7.710	AV
3		7247.500	55.785	63.495	-18.215	74.000	-7.710	PK
4		9644.500	52.649	54.239	-21.351	74.000	-1.590	PK
5		10358.500	48.639	49.829	-25.361	74.000	-1.190	PK
6		15543.500	50.874	48.494	-23.126	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/27 - 10:30
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 2:Transmit at 2412MHz by 802.11g & 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	43.610	56.620	-30.390	74.000	-13.010	PK
2		7230.500	50.573	58.283	-23.427	74.000	-7.710	PK
3		9644.500	50.639	52.229	-23.361	74.000	-1.590	PK
4		10358.500	48.619	49.809	-25.381	74.000	-1.190	PK
5	*	15543.500	51.466	49.086	-22.534	74.000	2.380	PK

Note:

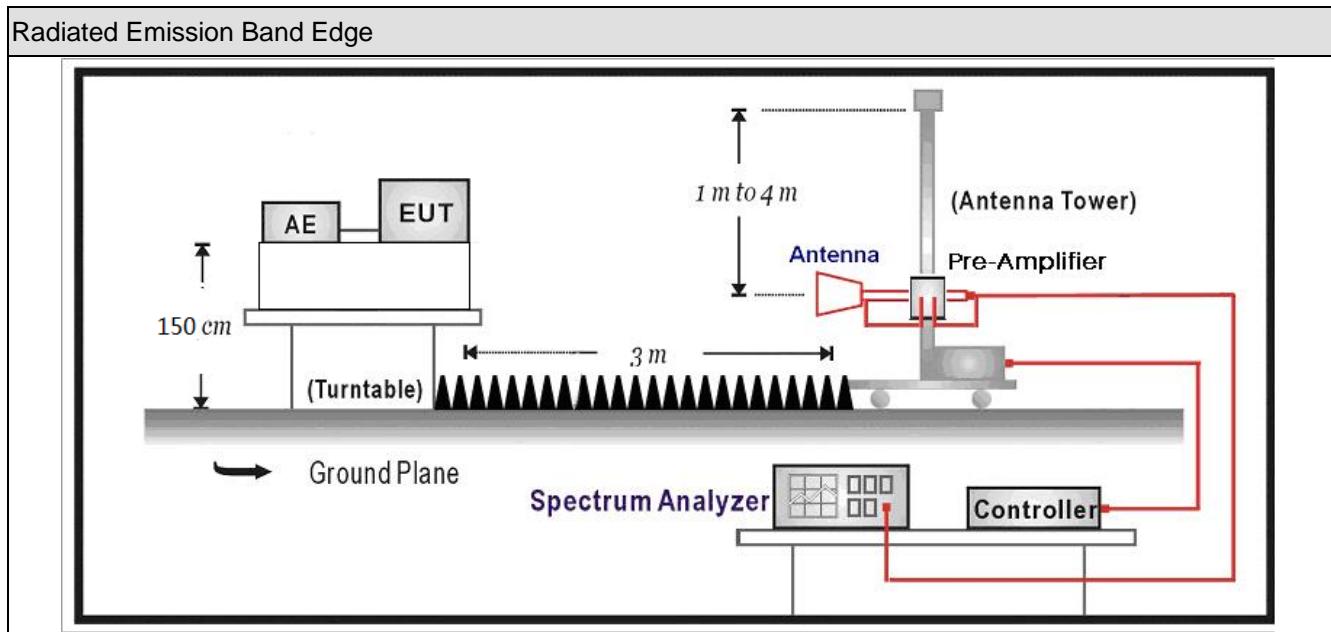
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~26GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

5. Radiated Emission Band Edge

a) Test Equipment

Radiated Emission Band Edge / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.04	2018.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2017.05.06	2018.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2017.05.06	2018.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.22	2018.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.11.25	2017.11.24
Coaxial Cable	Huber+Suhner	106	SUCOFLEX	AC5-C1	2017.03.02
Coaxial Cable	Huber+Suhner	106	SUCOFLEX	AC5-C2	2017.03.02
Coaxial Cable	Huber+Suhner	102	SUCOFLEX	AC5-C3	2017.03.02
EMI Receiver	Agilent	N9038A	MY51210196	2017.06.10	2018.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.04	2018.01.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

b) Test Setup



c) Limit

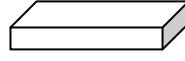
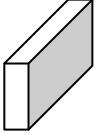
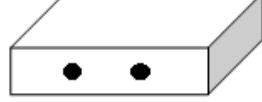
Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

d) Test Procedure

Radiated Emission Band Edge			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	6.10	Band-edge testing
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	<input type="checkbox"/> ANSI C63.10	6.10.6	Marker-delta method
<input checked="" type="checkbox"/>	ANSI C63.10	11.12	Emissions in restricted frequency bands
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
<input type="checkbox"/>	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input type="checkbox"/>	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
<input checked="" type="checkbox"/>	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
<input type="checkbox"/>	<input type="checkbox"/> ANSI C63.10	11.12.2	Antenna-port conducted measurements
	<input type="checkbox"/> ANSI C63.10	11.12.2.3	Quasi-peak measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.4	Peak power measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.5	Average power measurement procedures
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
		11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
		11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

e) EUT test definition

Item	Radiated Emission Band Edge		
Device Category	<input type="checkbox"/>	Fixed point-to-point	
	<input type="checkbox"/>	Emit multiple directional beams, simultaneously or sequentially	
	<input checked="" type="checkbox"/>	Other cases	
Test mode	Mode 1~7		
Test method	<input checked="" type="checkbox"/>	Radiated	
		X Axis	Y Axis
			
		Worst Axis <input checked="" type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input type="checkbox"/>	Conducted	
	<input type="checkbox"/>	Chain 1	
			
	<input type="checkbox"/>	Chain 1	Chain 2
			
	<input type="checkbox"/>	Chain 1	Chain 2
			

f) Duty Cycle

Test Mode	Tx On (ms)	Tx Off (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
802.11b	12.42	0.66	82Hz	13.08	94.95%
802.11g	2.052	0.12	510Hz	2.172	94.48%
802.11n(20MHz)	1.908	0.108	560Hz	2.016	94.64%



g) Test Result

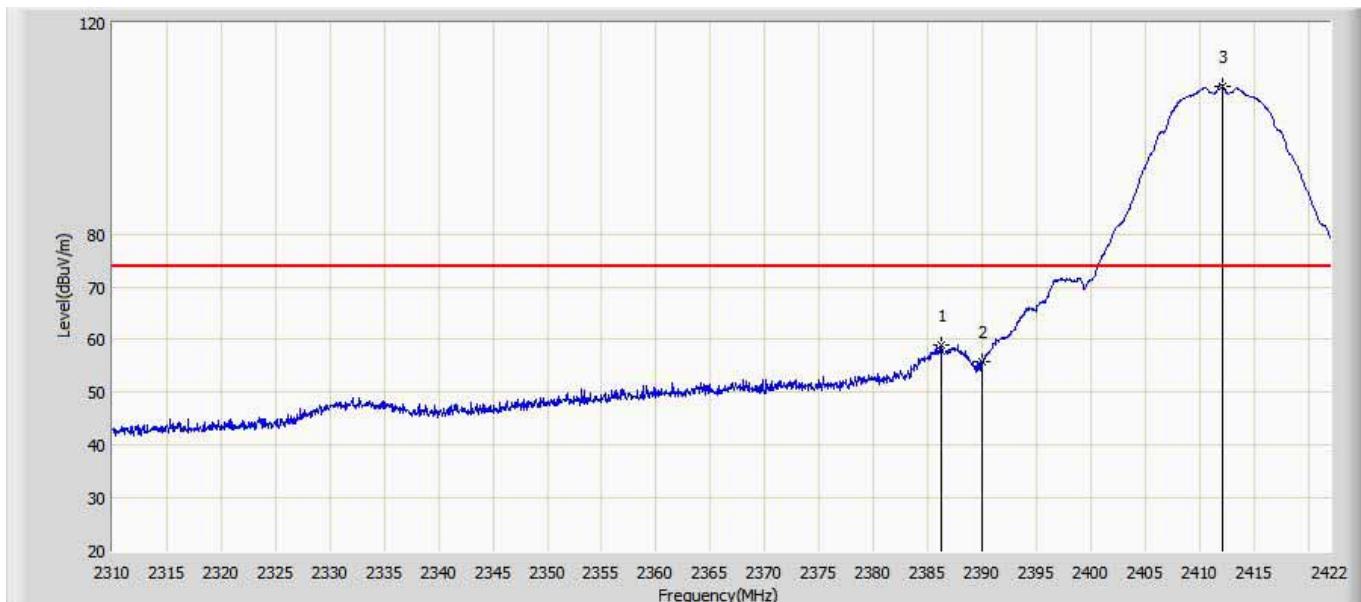
Ant 1:

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 13:43
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 1:Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.392	52.061	23.012	-1.939	54.000	29.049	AV
2		2390.000	45.532	16.484	-8.468	54.000	29.048	AV
3	*	2411.248	104.404	75.540	N/A	N/A	28.864	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 13:58
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	



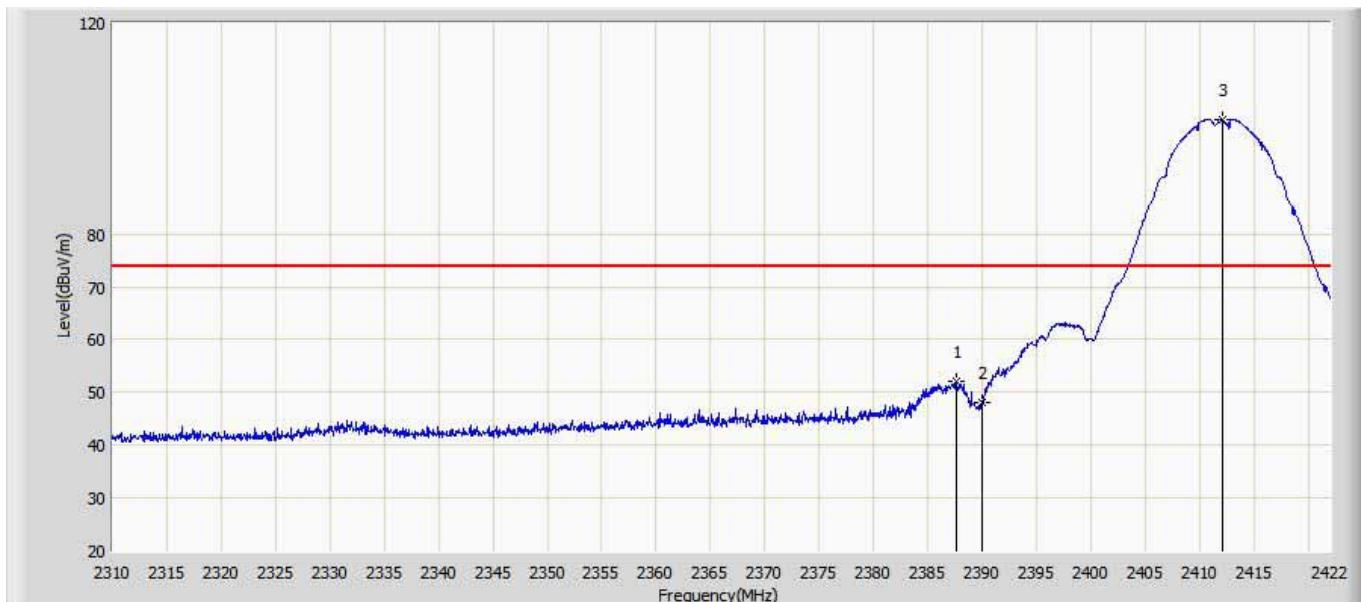
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.216	58.975	29.925	-15.025	74.000	29.050	PK
2		2390.000	55.782	26.734	-18.218	74.000	29.048	PK
3	*	2412.144	108.073	79.203	N/A	N/A	28.870	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:00
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	



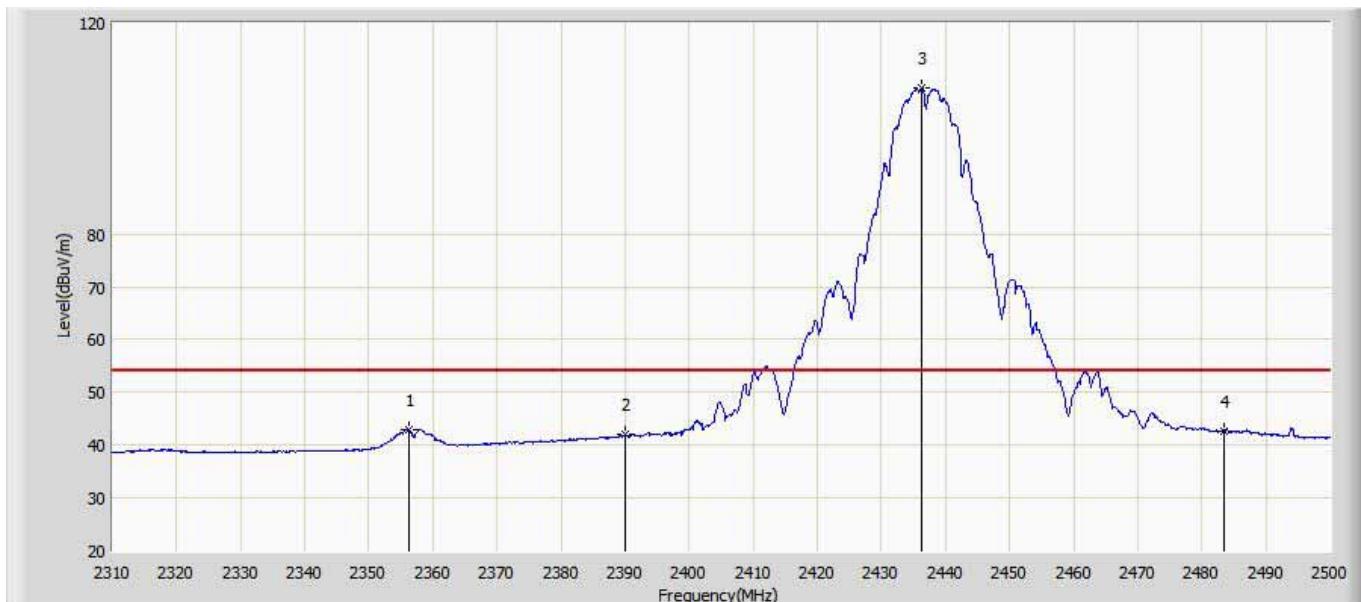
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.560	46.672	17.623	-7.328	54.000	29.049	AV
2		2390.000	42.005	12.957	-11.995	54.000	29.048	AV
3	*	2411.136	101.234	72.370	N/A	N/A	28.864	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:04
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	



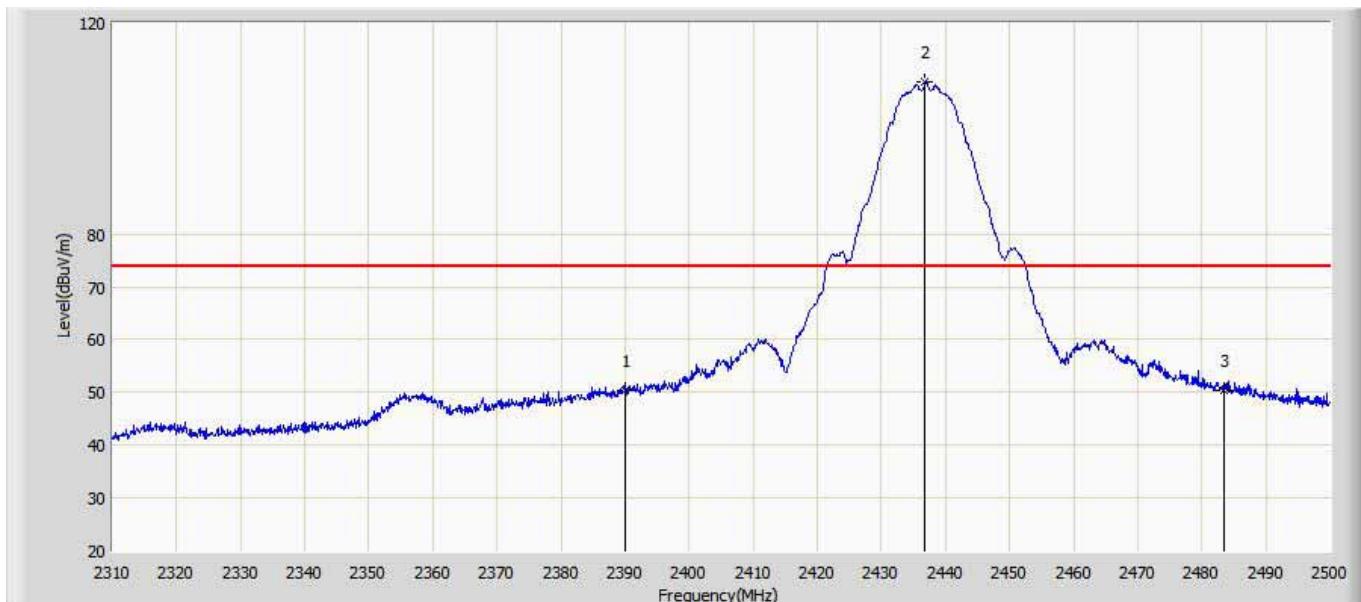
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.616	52.007	22.958	-21.993	74.000	29.049	PK
2		2390.000	48.116	19.068	-25.884	74.000	29.048	PK
3	*	2412.144	101.561	72.691	N/A	N/A	28.870	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:07
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	



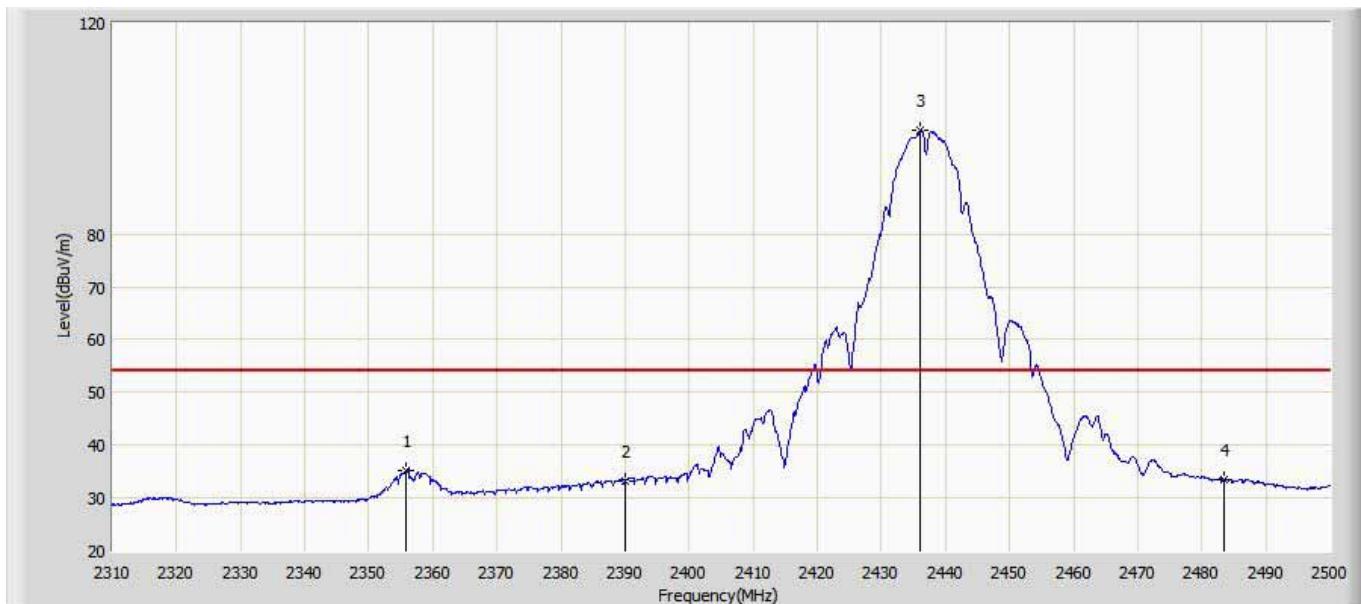
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2356.265	42.950	13.966	-11.050	54.000	28.984	AV
2		2390.000	41.931	12.883	-12.069	54.000	29.048	AV
3	*	2436.255	107.652	78.710	N/A	N/A	28.942	AV
4		2483.500	42.762	12.278	-11.238	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:17
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	



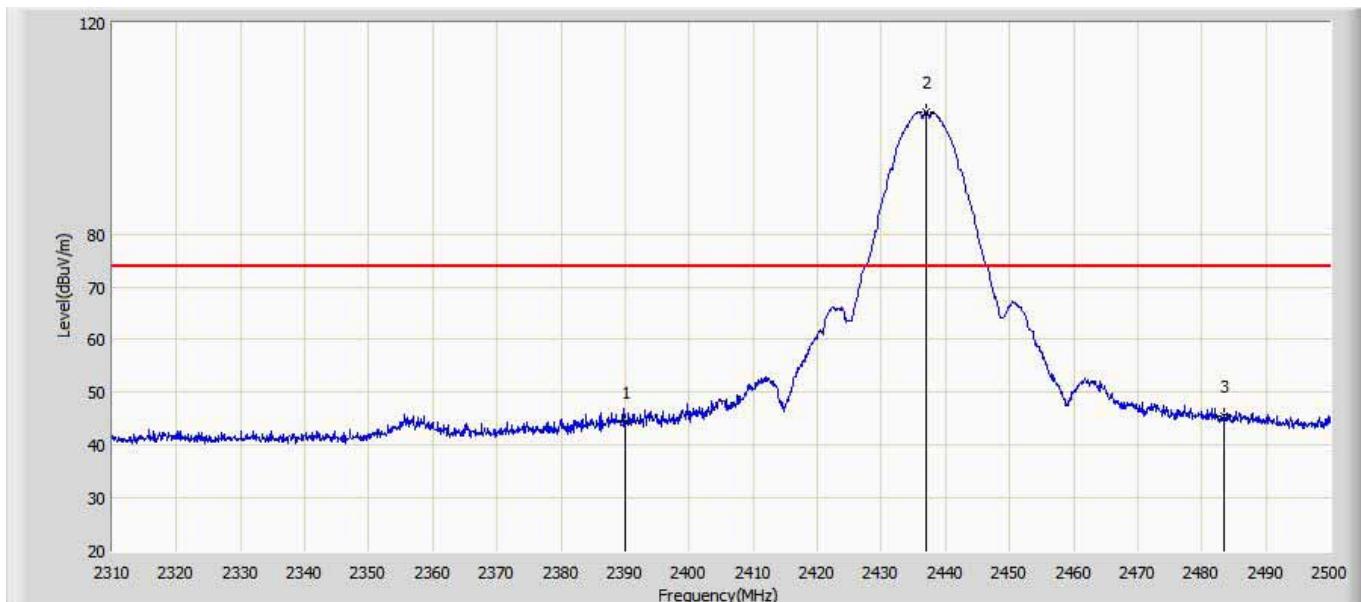
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.443	21.395	-23.557	74.000	29.048	PK
2	*	2436.825	108.789	79.848	N/A	N/A	28.941	PK
3		2483.500	50.335	19.851	-23.665	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:19
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	



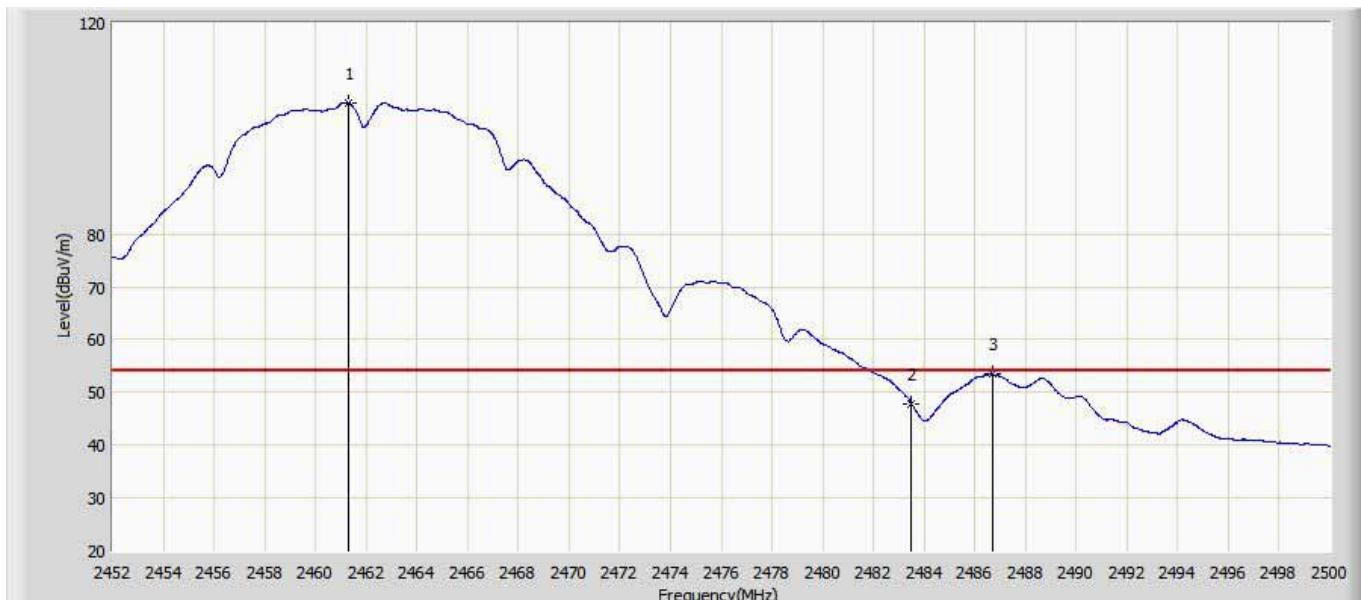
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2355.790	35.089	6.108	-18.911	54.000	28.981	AV
2		2390.000	33.192	4.144	-20.808	54.000	29.048	AV
3	*	2436.065	99.660	70.718	N/A	N/A	28.942	AV
4		2483.500	33.435	2.951	-20.565	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:22
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	



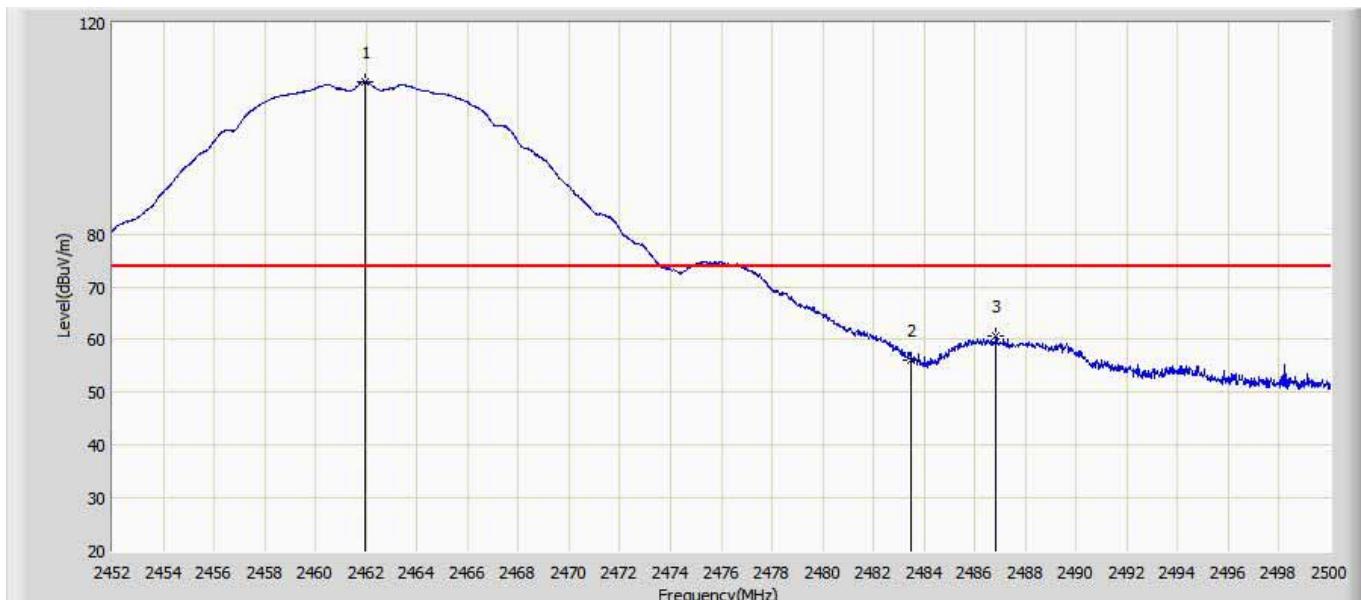
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.215	15.167	-29.785	74.000	29.048	PK
2	*	2436.920	103.109	74.168	N/A	N/A	28.941	PK
3		2483.500	45.419	14.935	-28.581	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:24
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 1:Transmit at 2462MHz by 802.11b	



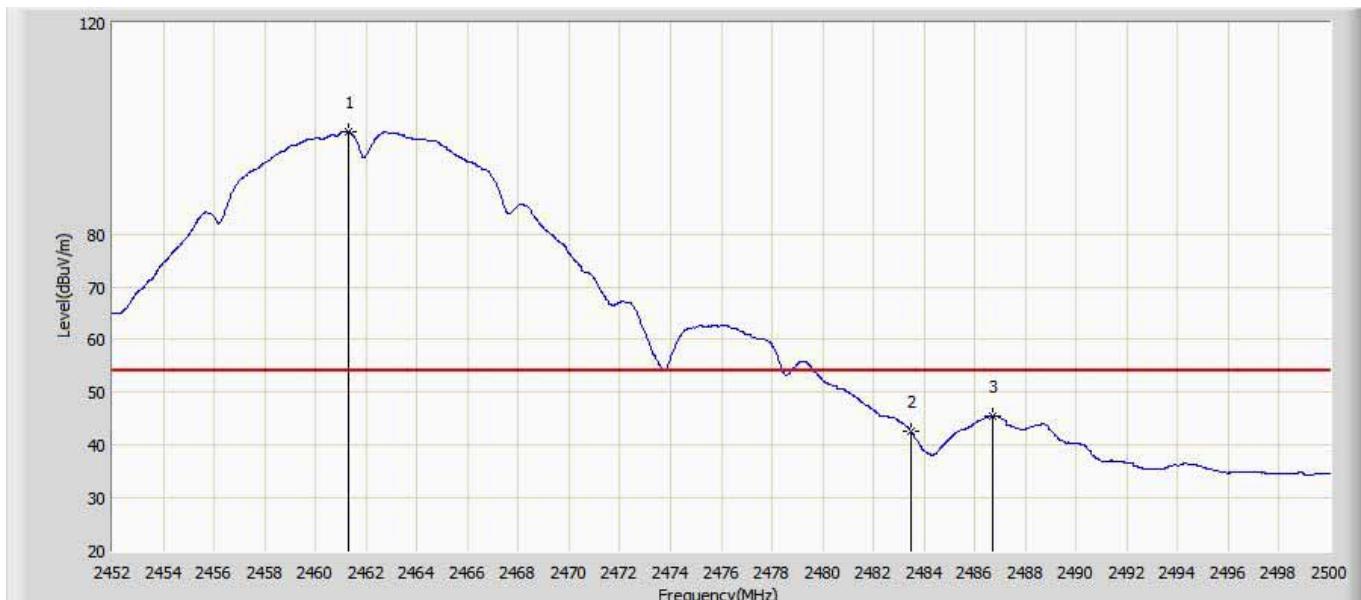
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.288	104.869	75.830	N/A	N/A	29.039	AV
2		2483.500	47.894	17.410	-6.106	54.000	30.484	AV
3		2486.680	53.501	23.045	-0.499	54.000	30.456	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:37
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	



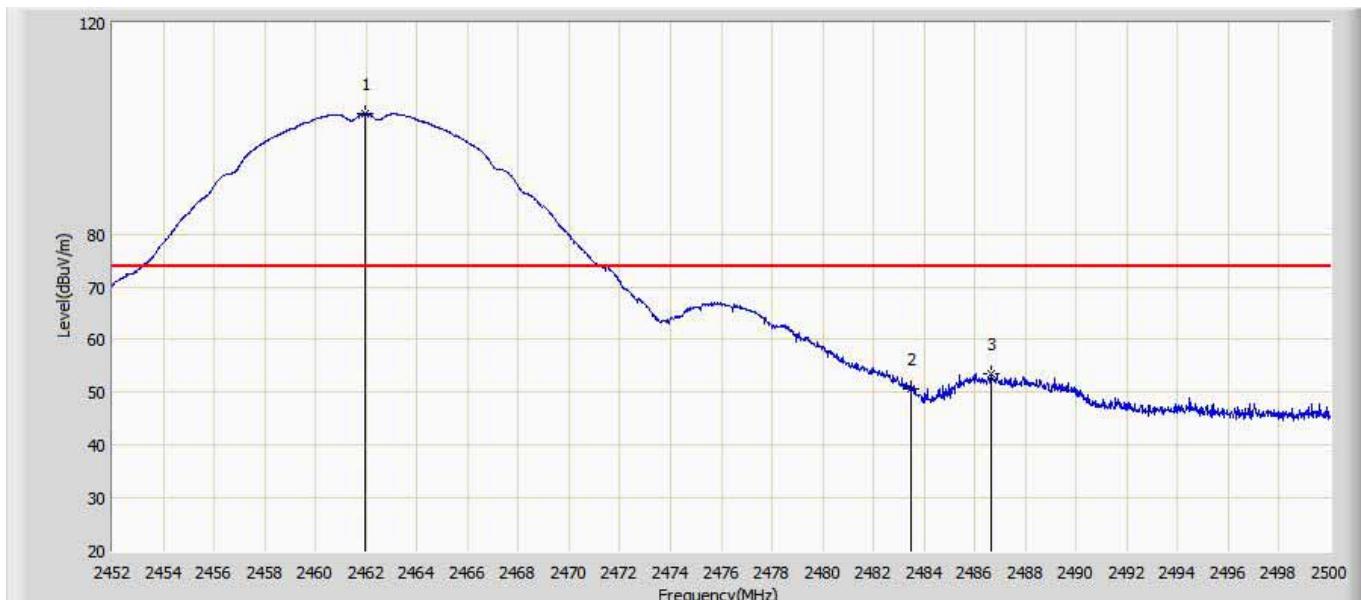
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.960	108.915	79.871	N/A	N/A	29.044	PK
2		2483.500	56.178	25.694	-17.822	74.000	30.484	PK
3		2486.848	60.628	30.174	-13.372	74.000	30.454	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:39
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	



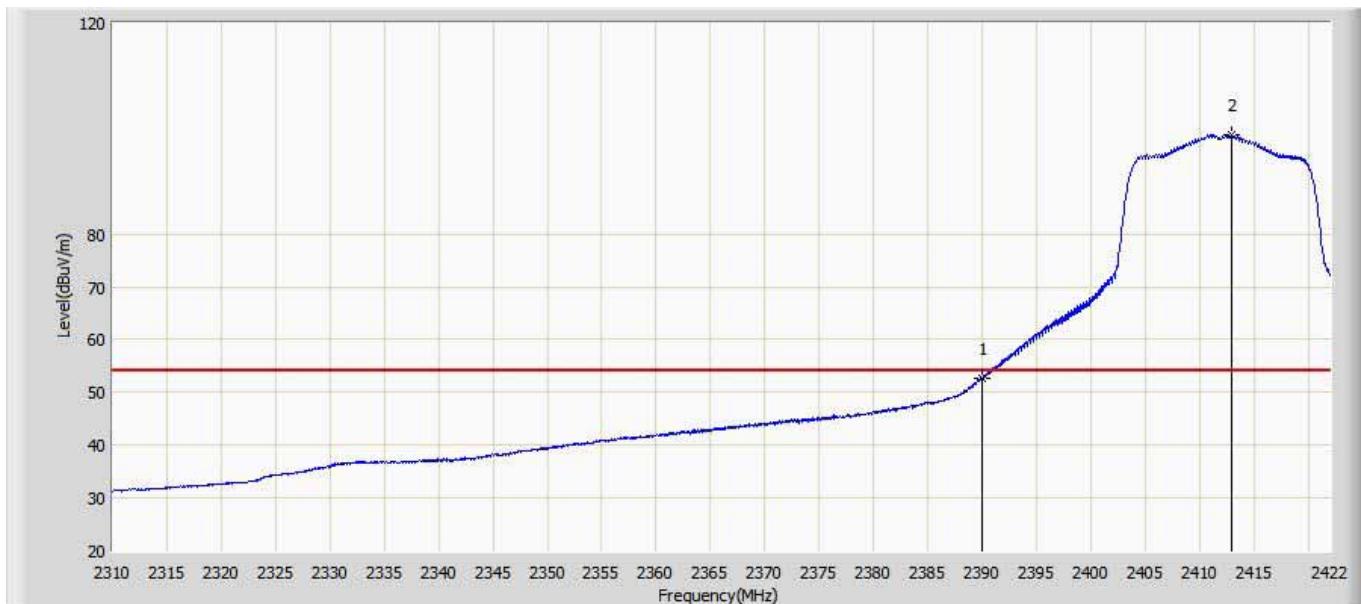
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.288	99.365	70.326	N/A	N/A	29.039	AV
2		2483.500	42.546	12.062	-11.454	54.000	30.484	AV
3		2486.680	45.581	15.125	-8.419	54.000	30.456	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:41
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 1:Transmit at 2462MHz by 802.11b	



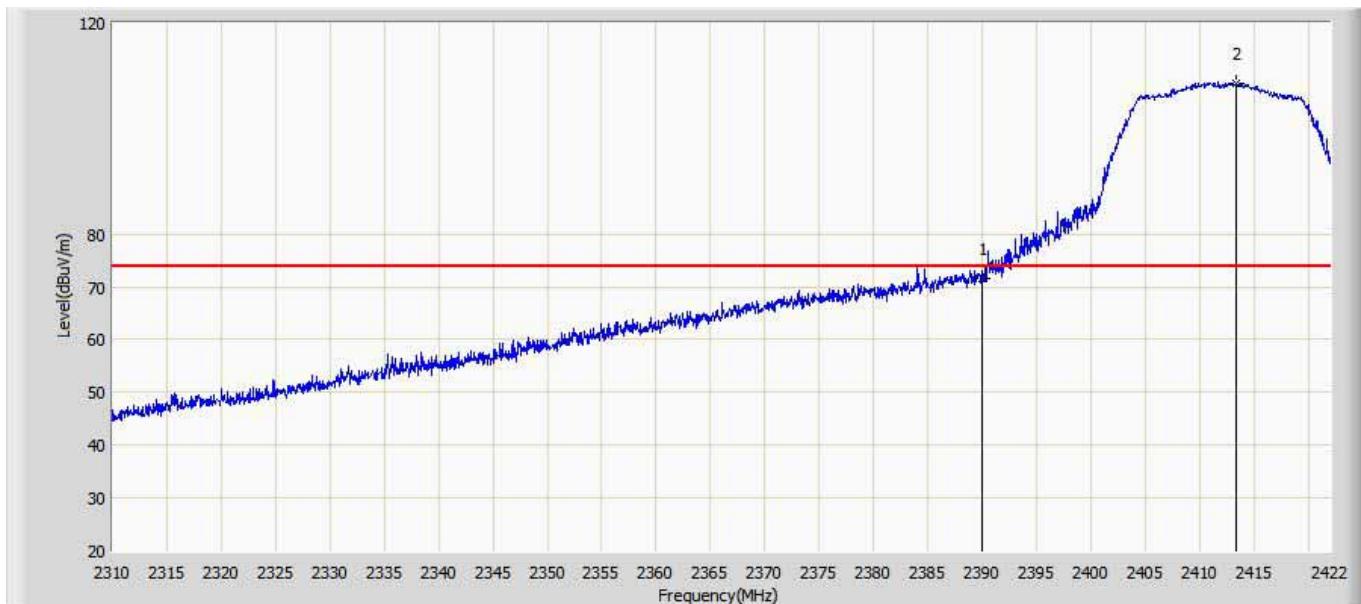
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.984	102.767	73.723	N/A	74.000	29.044	PK
2		2483.500	50.564	20.080	-23.436	74.000	30.484	PK
3		2486.632	53.569	23.113	-20.431	74.000	30.456	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 14:44
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 2:Transmit at 2412MHz by 802.11g	



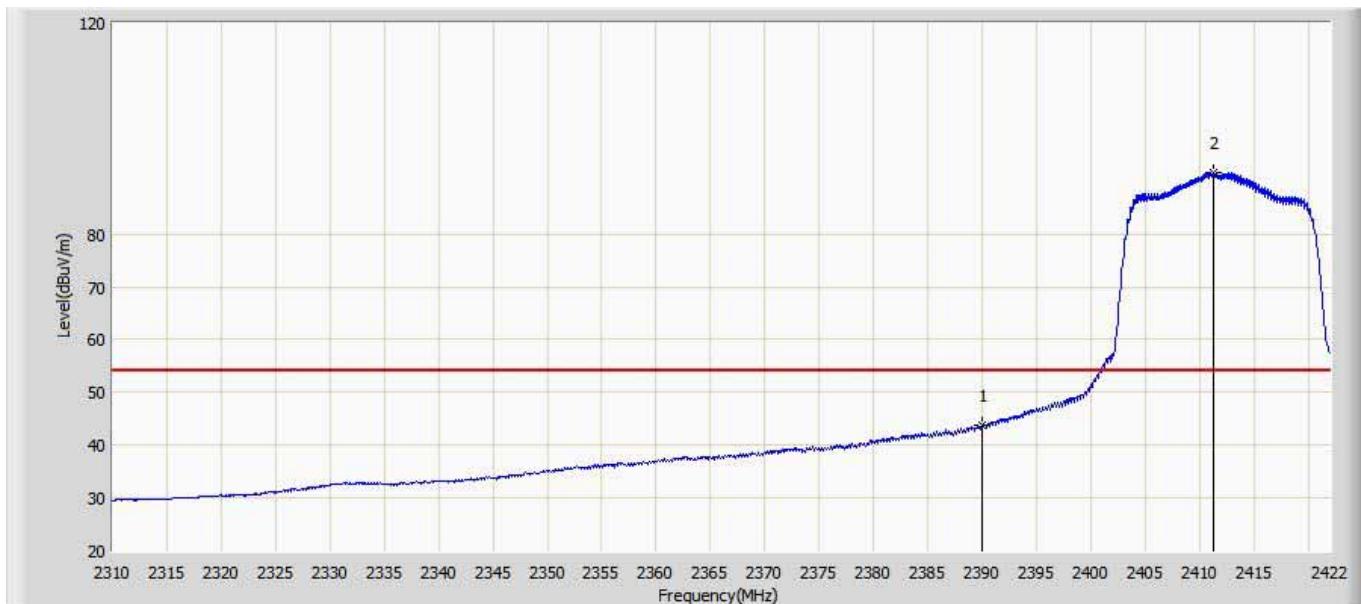
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.585	23.537	-1.415	54.000	29.048	AV
2	*	2412.984	98.811	69.937	N/A	N/A	28.874	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:00
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	



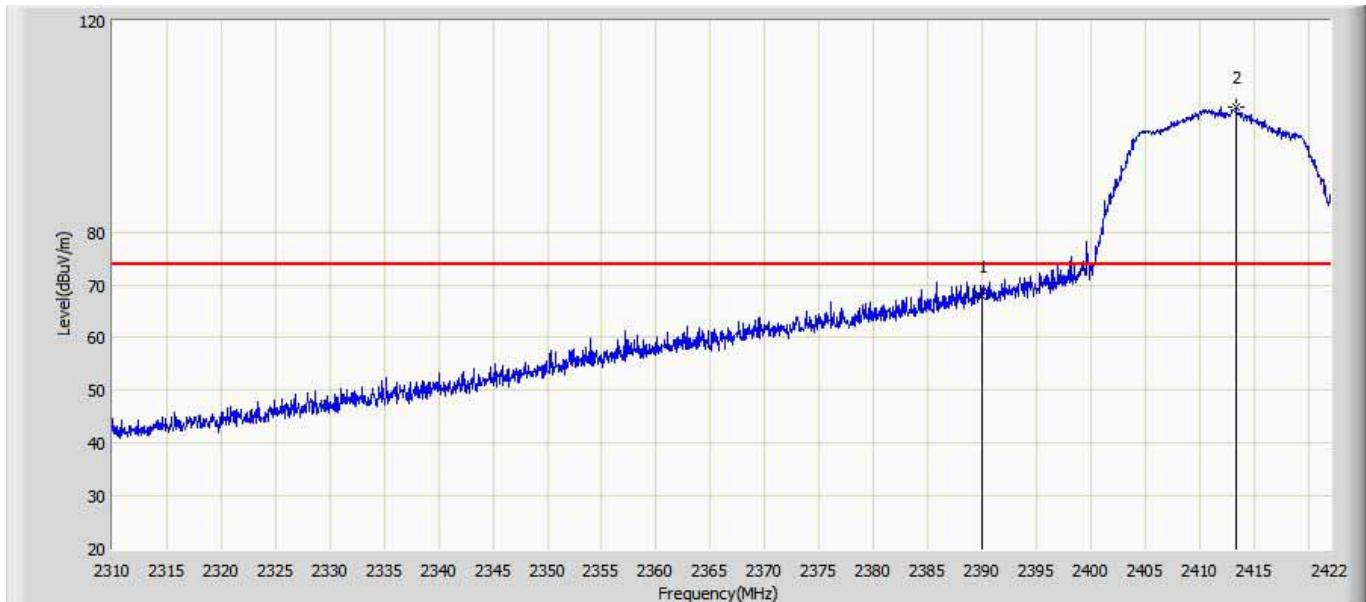
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	71.713	42.665	-2.287	74.000	29.048	PK
2	*	2413.320	108.680	79.804	N/A	N/A	28.876	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:02
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	



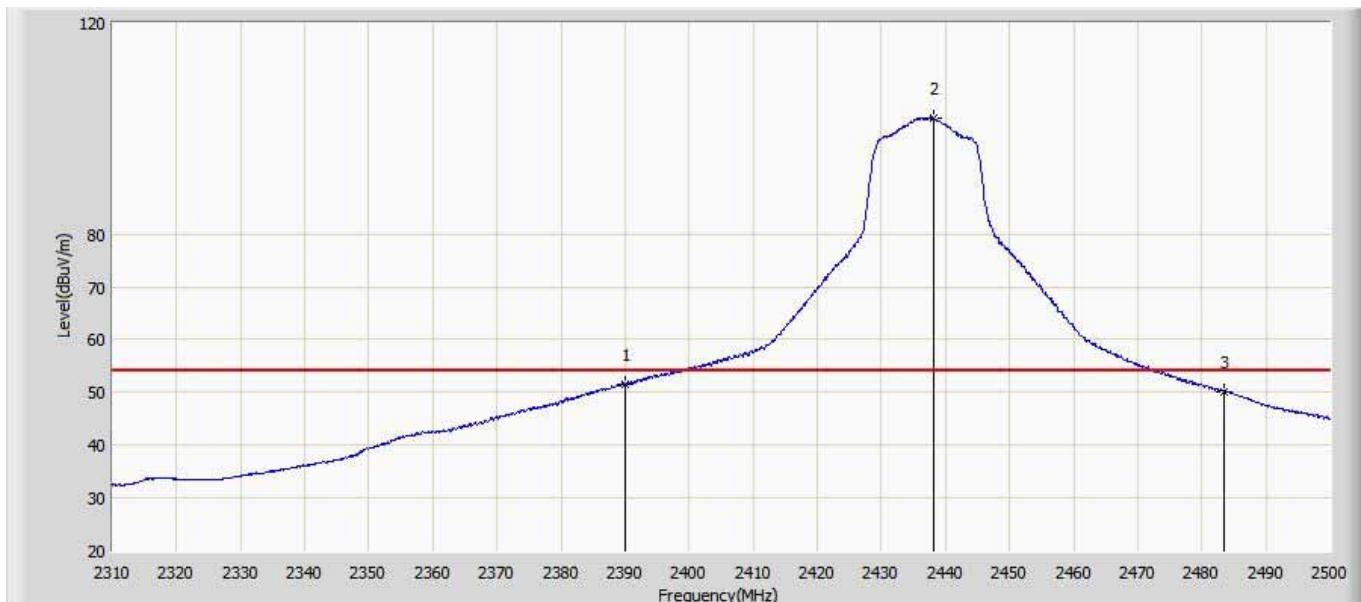
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.812	14.764	-10.188	54.000	29.048	AV
2	*	2411.248	91.585	62.721	N/A	N/A	28.864	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:04
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	



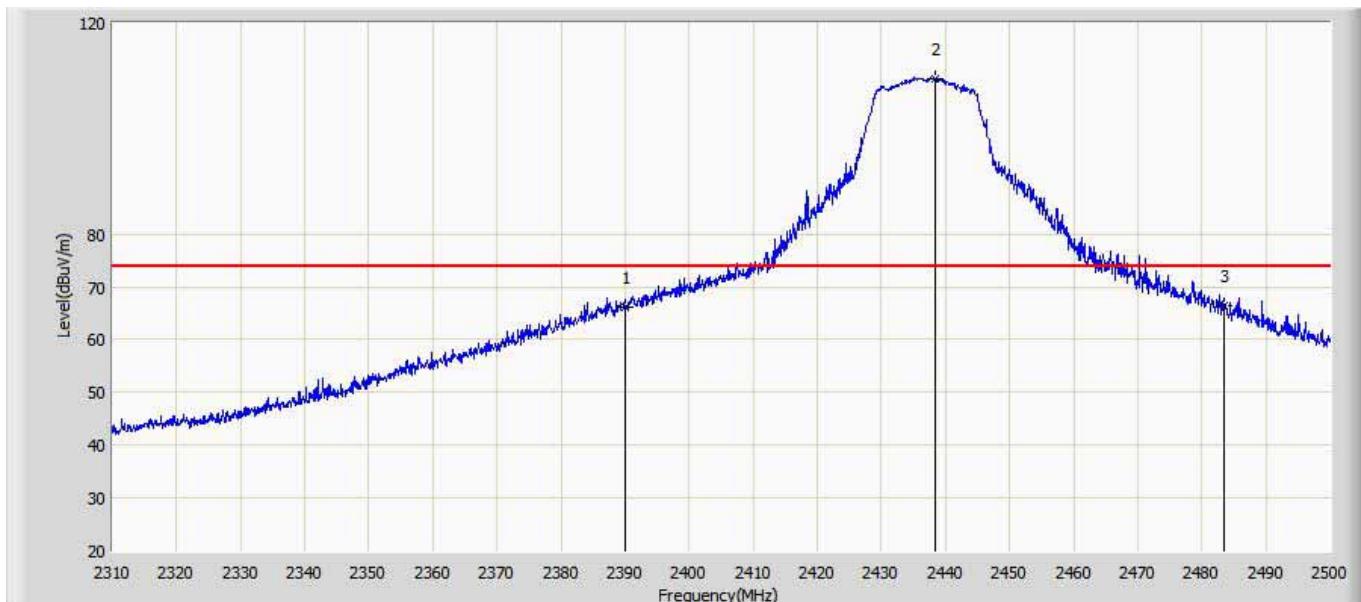
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	67.941	38.893	-6.059	74.000	29.048	PK
2	*	2413.376	103.722	74.845	N/A	N/A	28.877	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:06
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: Mode 2:Transmit at 2437MHz by 802.11g	



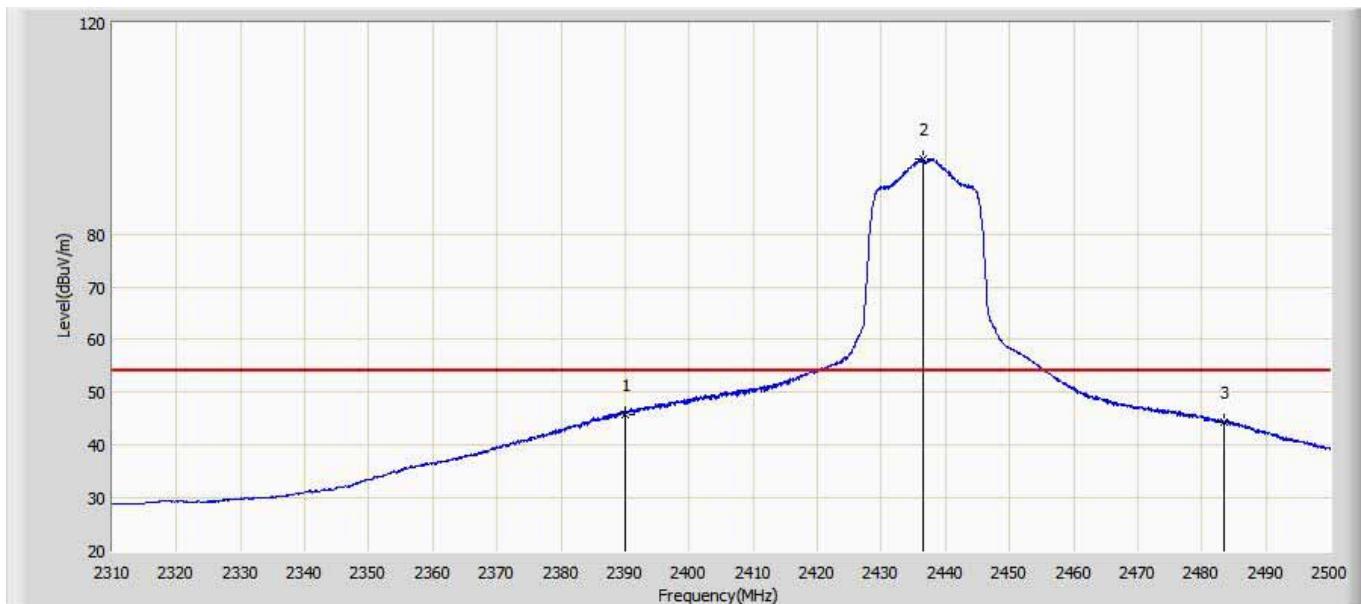
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.490	22.442	-2.510	54.000	29.048	AV
2	*	2438.060	101.916	72.978	N/A	N/A	28.938	AV
3		2483.500	50.062	19.578	-3.937	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:11
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	



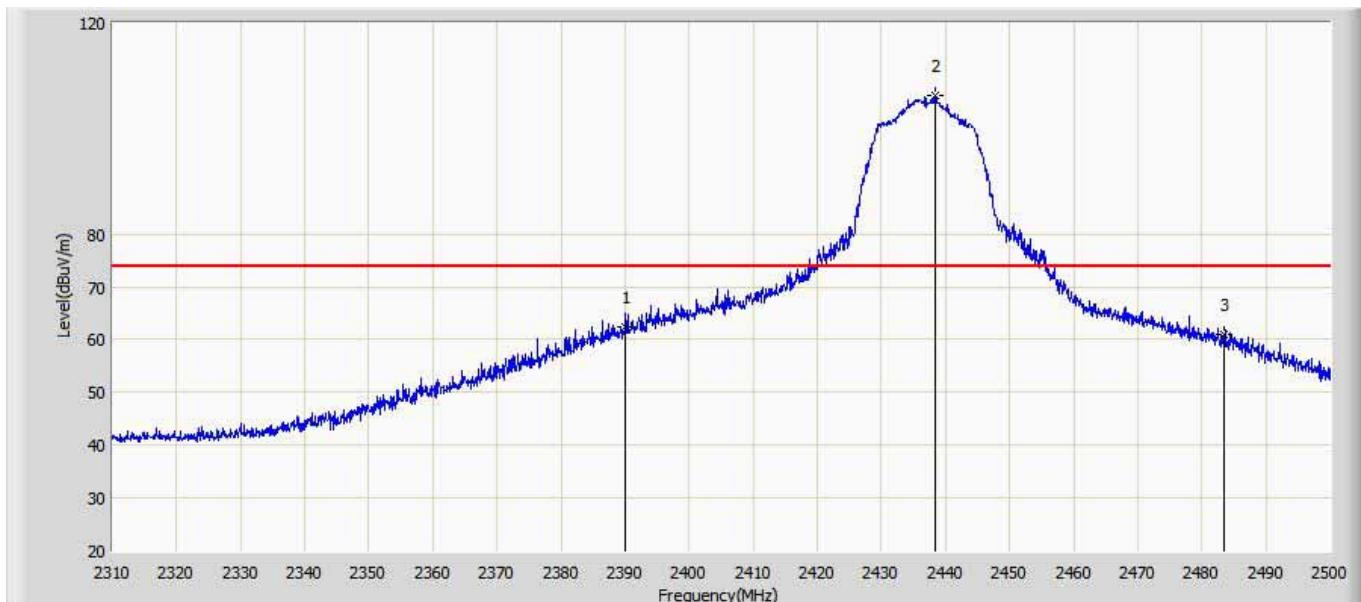
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.114	37.066	-7.886	74.000	29.048	PK
2	*	2438.345	109.396	80.459	N/A	N/A	28.937	PK
3		2483.500	66.561	36.077	-7.439	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:13
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	



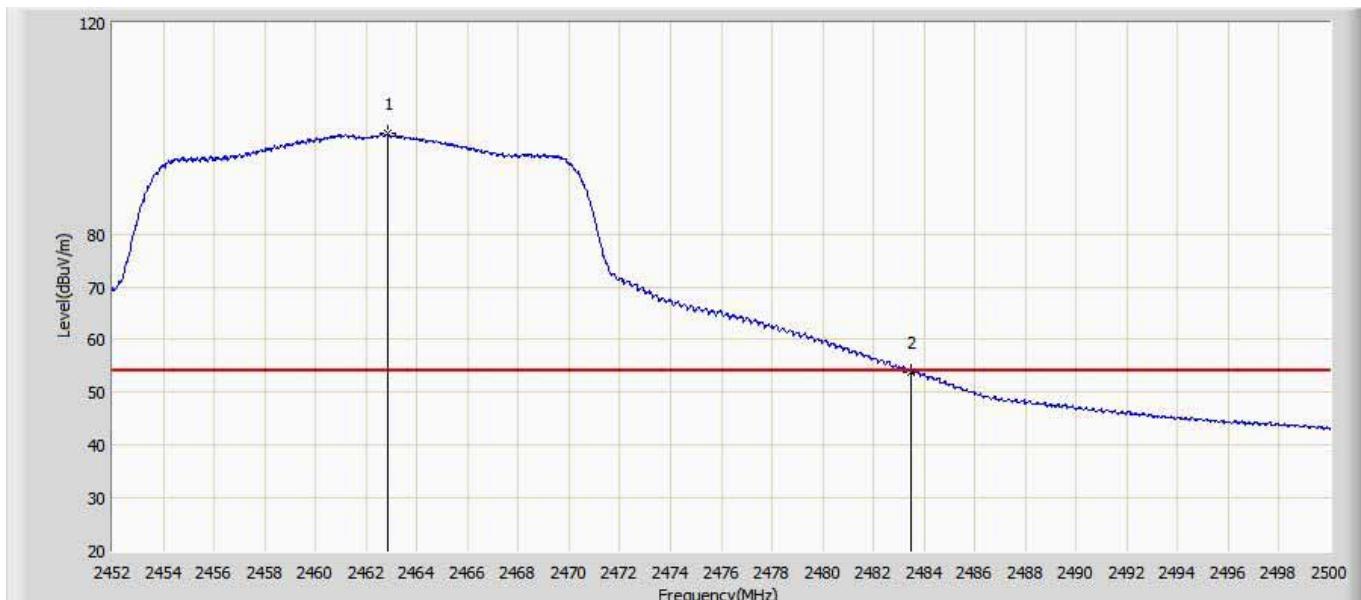
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.844	16.796	-8.156	54.000	29.048	AV
2	*	2436.540	94.085	65.144	N/A	N/A	28.941	AV
3		2483.500	44.242	13.758	-9.758	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:15
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	



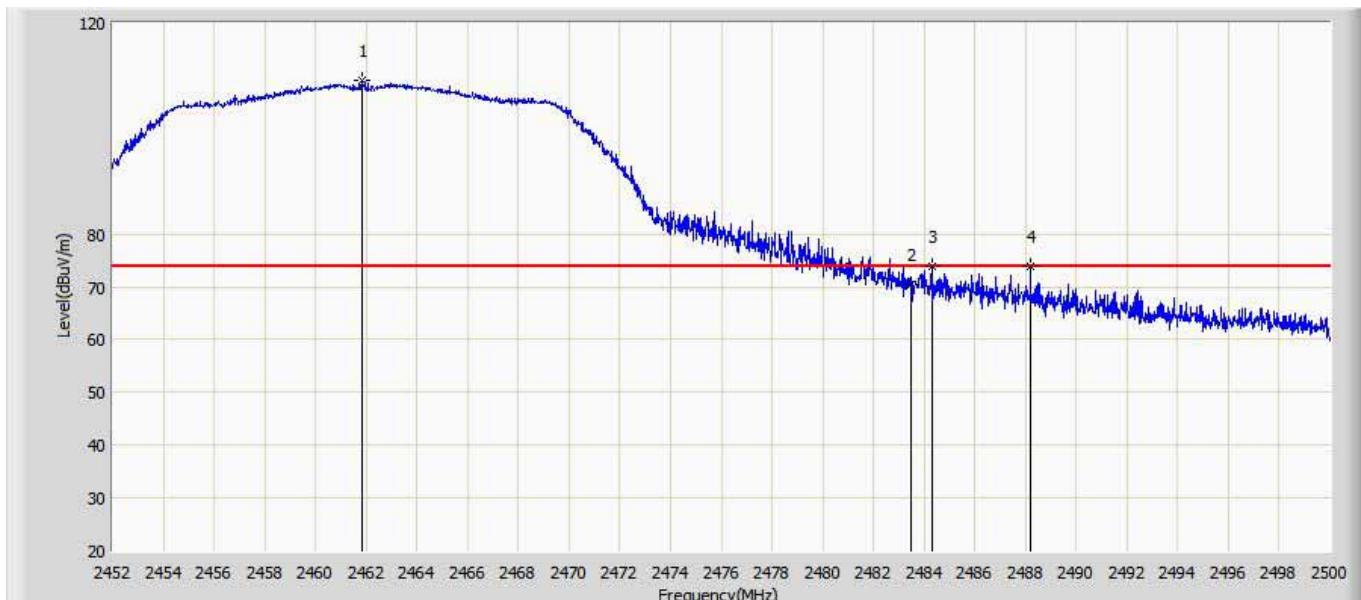
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.480	33.432	-11.520	74.000	29.048	PK
2	*	2438.345	106.142	77.205	N/A	N/A	28.937	PK
3		2483.500	60.855	30.371	-13.145	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:18
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	



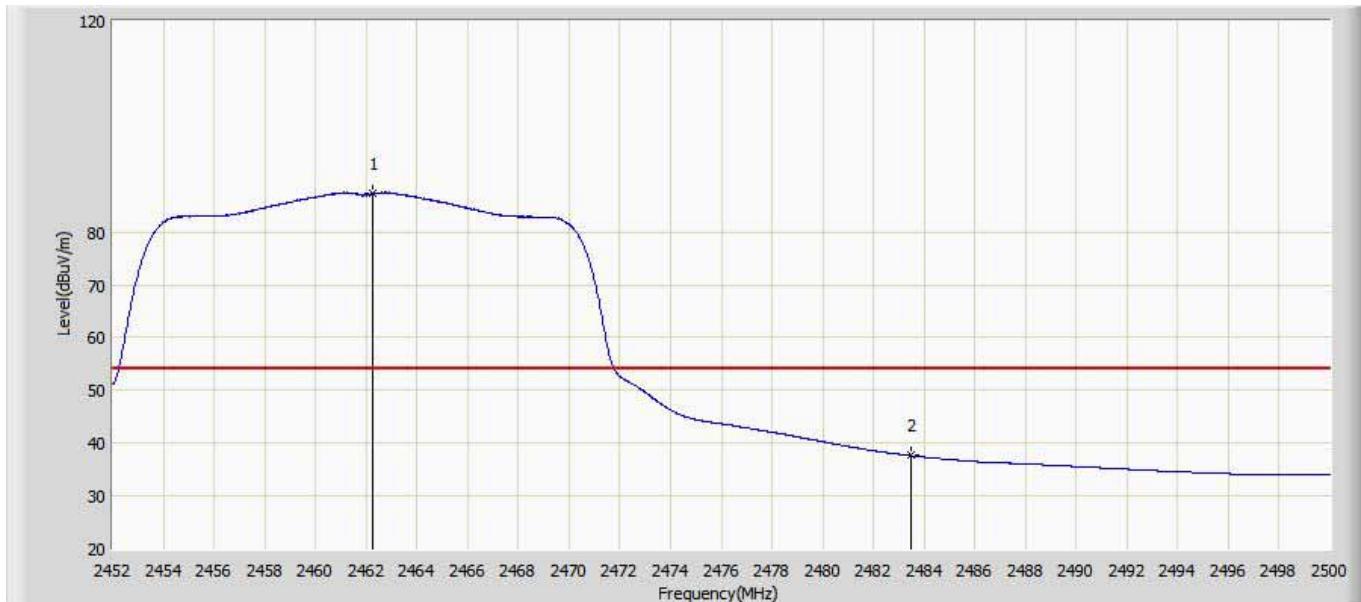
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.872	98.958	69.838	N/A	N/A	29.120	AV
2		2483.500	53.908	23.424	-0.092	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:39
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	



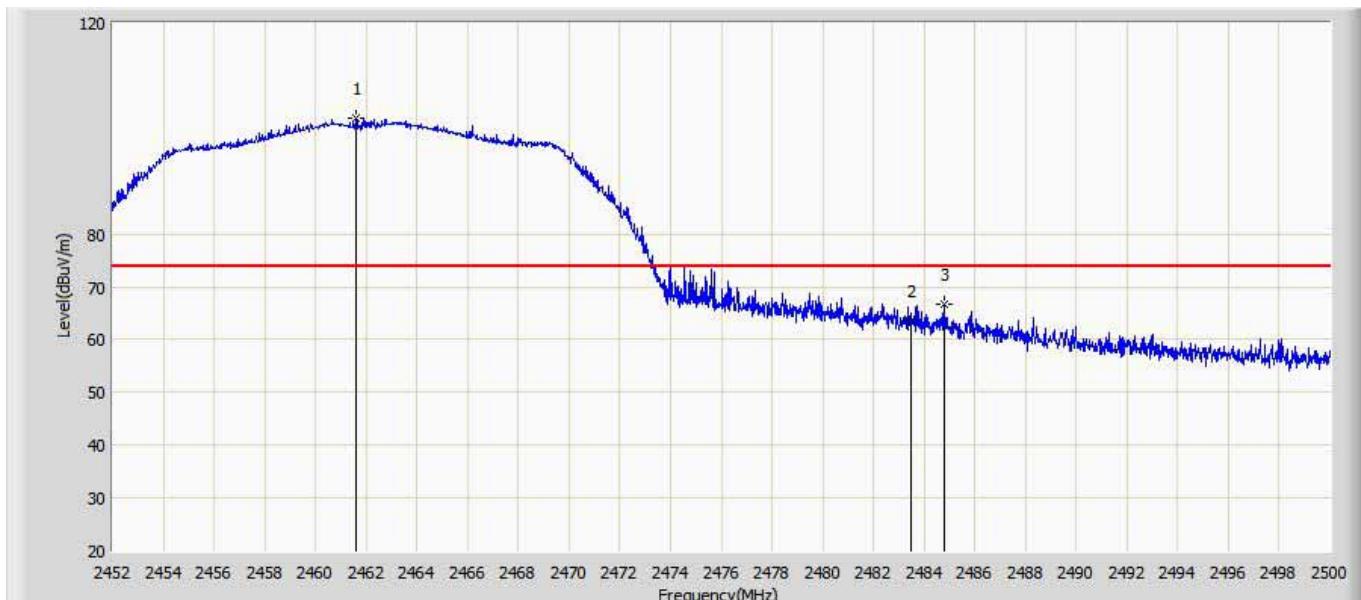
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.816	109.049	80.006	N/A	N/A	29.043	PK
2		2483.500	70.357	39.873	-3.643	74.000	30.484	PK
3		2484.304	73.957	43.480	-0.043	74.000	30.477	PK
4		2488.192	73.998	43.556	-0.002	74.000	30.442	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:41
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	



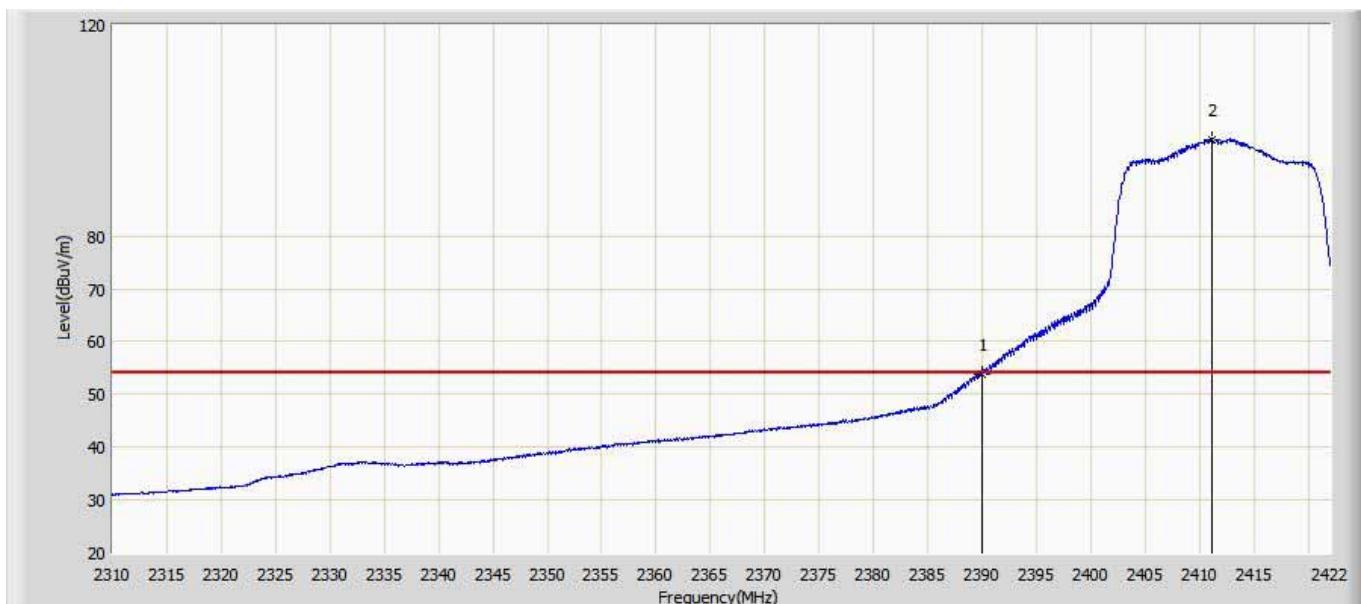
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.248	87.261	58.195	N/A	N/A	29.066	AV
2		2483.500	37.623	7.139	-16.377	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:48
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	



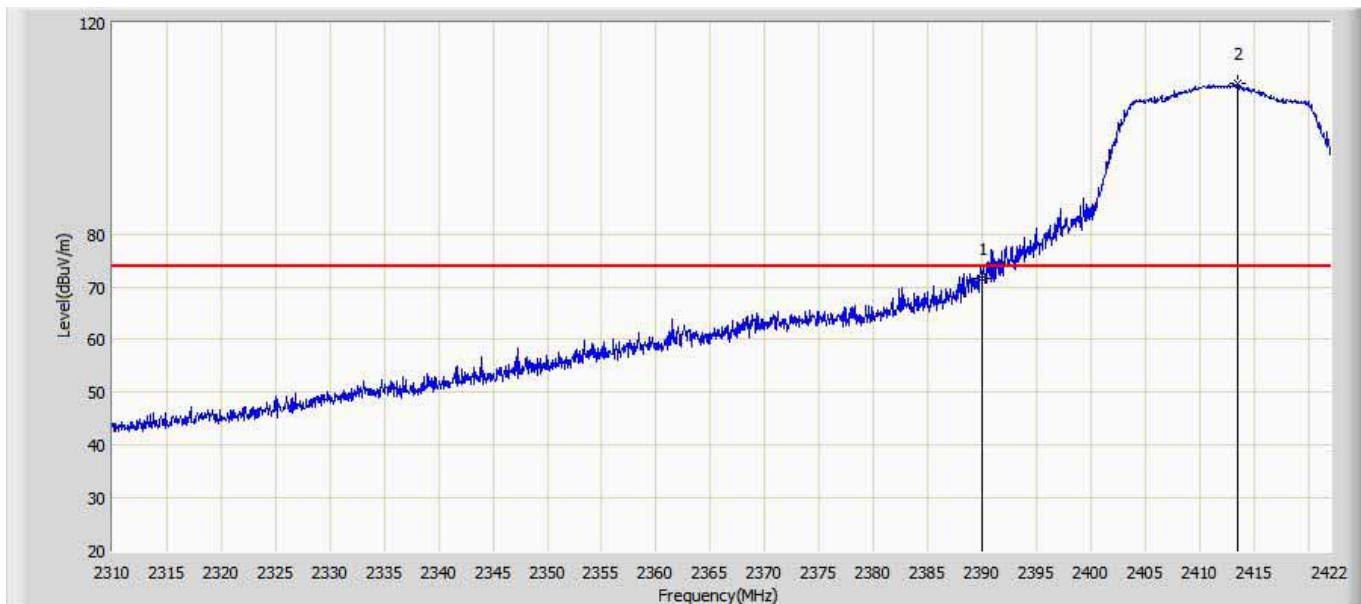
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.576	101.971	72.930	N/A	N/A	29.041	PK
2		2483.500	63.483	32.999	-10.517	74.000	30.484	PK
3		2484.808	66.801	36.328	-7.199	74.000	30.473	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 15:50
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 802.11n20	



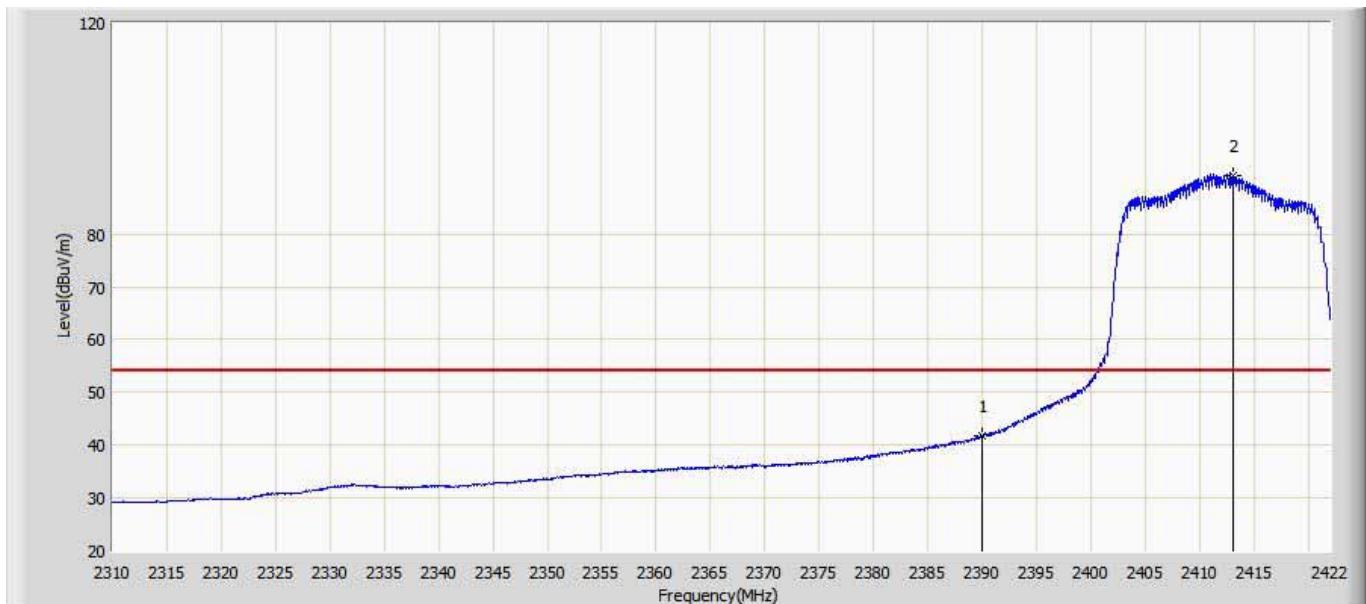
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.875	24.827	-0.125	54.000	29.048	AV
2	*	2411.080	98.317	69.454	N/A	N/A	28.863	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 16:00
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 802.11n20	



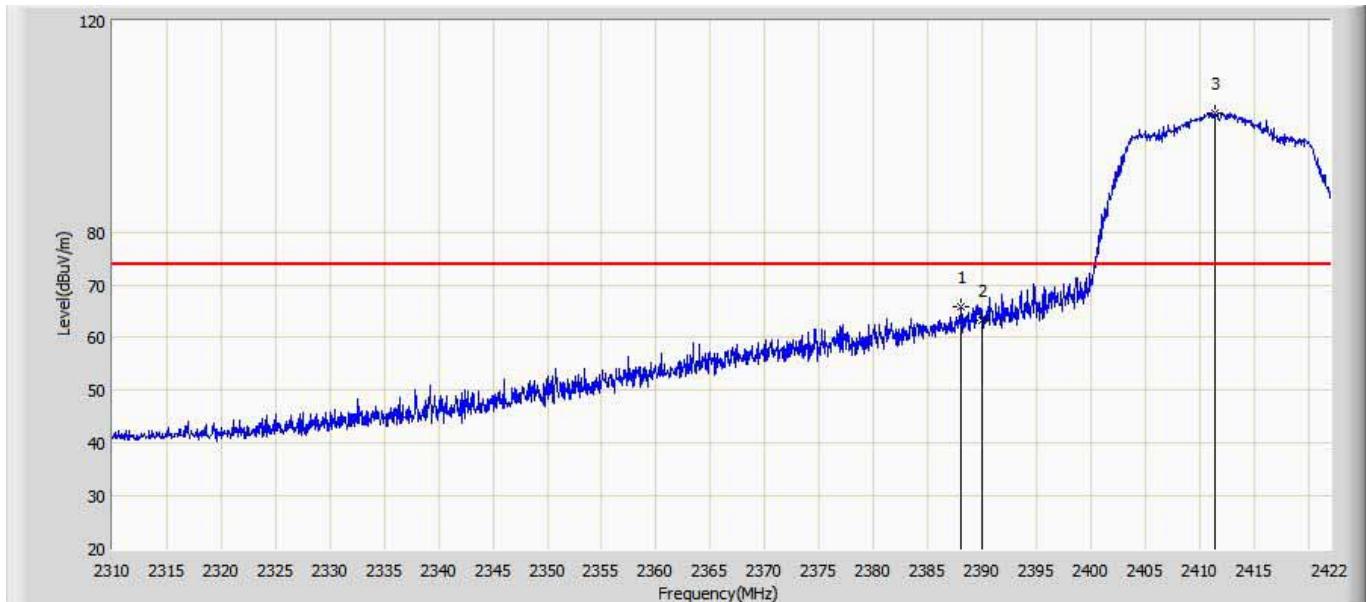
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	71.647	42.599	-2.353	74.000	29.048	PK
2	*	2413.544	108.469	79.591	N/A	N/A	28.878	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 16:05
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 802.11n20	



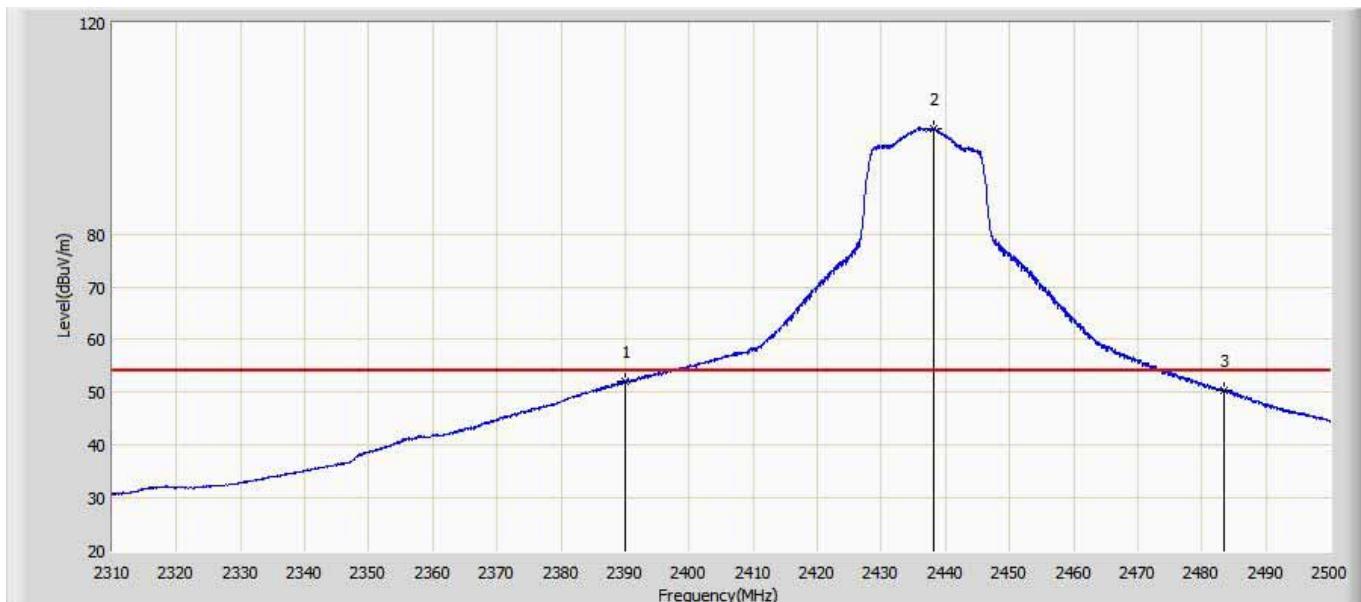
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	41.778	12.730	-12.222	54.000	29.048	AV
2	*	2413.096	91.025	62.150	N/A	N/A	28.875	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 16:07
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 802.11n20	



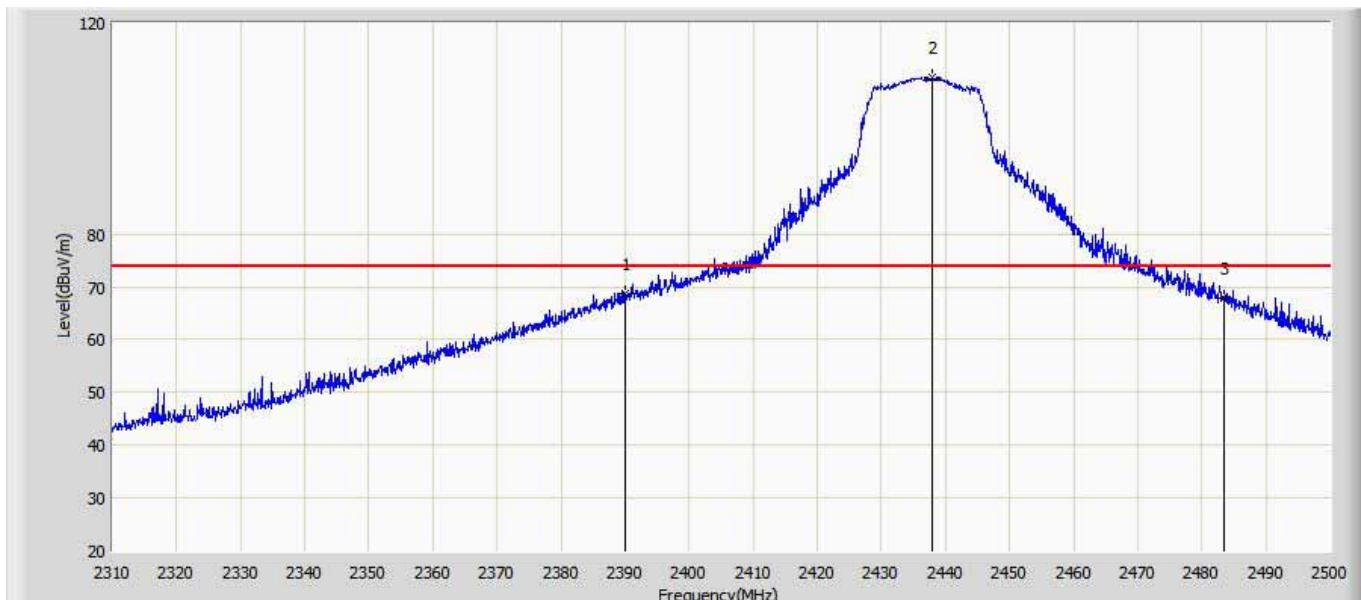
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.120	65.896	36.847	-8.104	74.000	29.049	PK
2		2390.000	63.283	34.235	-10.717	74.000	29.048	PK
3	*	2411.360	102.639	73.774	N/A	N/A	28.865	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 16:11
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 802.11n20	



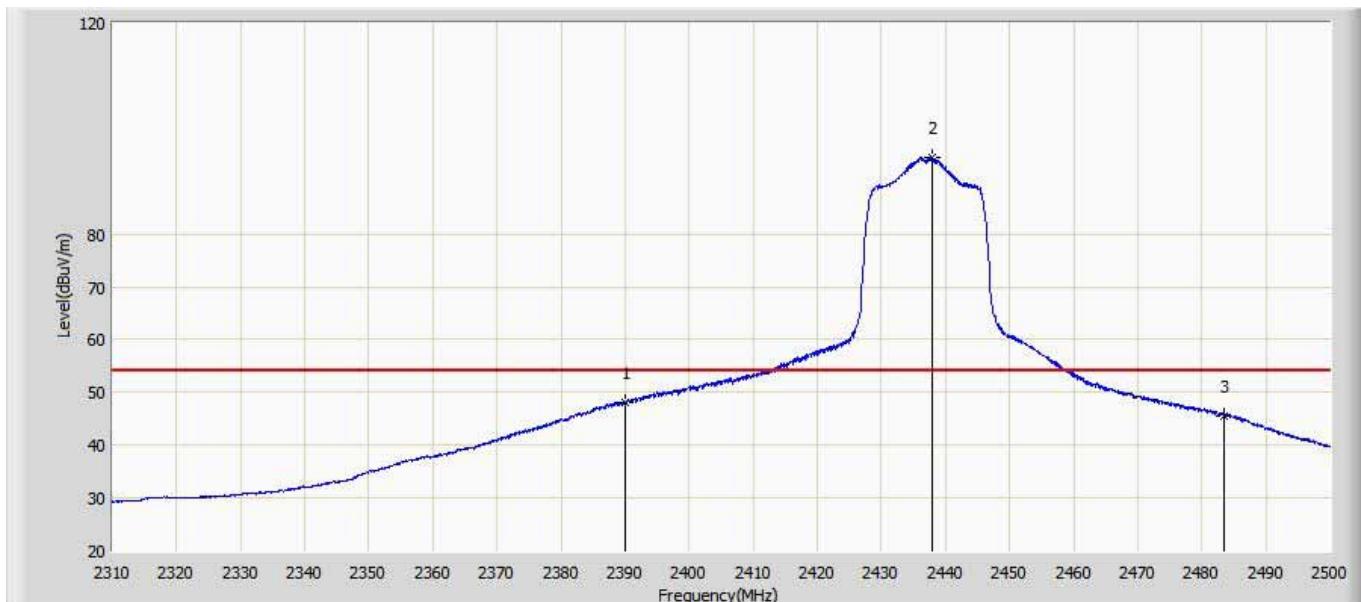
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.105	23.057	-1.895	54.000	29.048	AV
2	*	2438.155	100.024	71.086	N/A	N/A	28.938	AV
3		2483.500	50.236	19.751	-3.764	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 16:58
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 802.11n20	



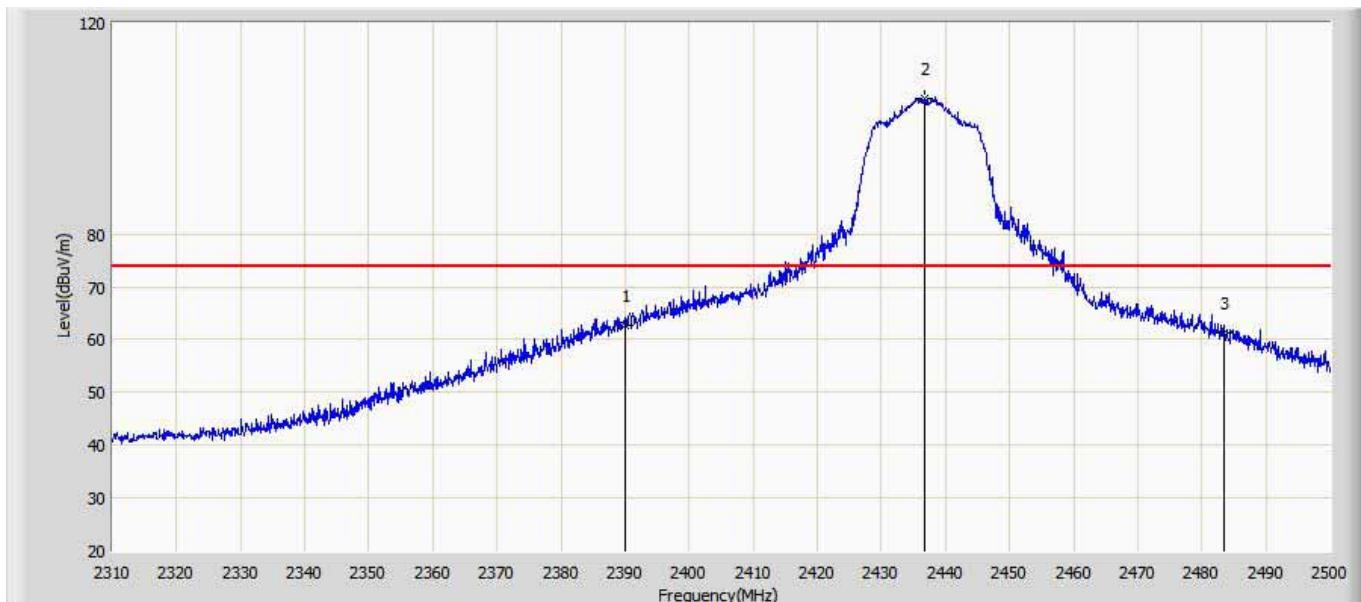
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.710	39.662	-5.290	74.000	29.048	PK
2	*	2437.965	109.644	80.706	N/A	N/A	28.938	PK
3		2483.500	67.843	37.358	-6.157	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:01
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 802.11n20	



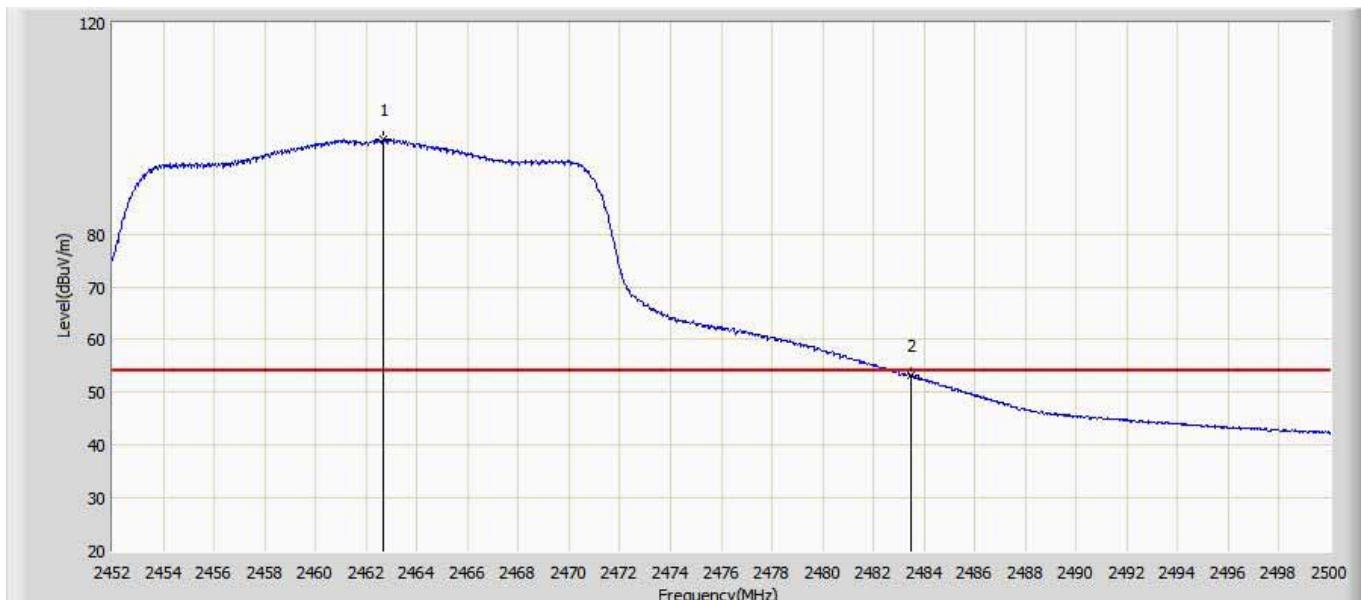
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	48.098	19.050	-5.902	54.000	29.048	AV
2	*	2437.870	94.519	65.580	N/A	N/A	28.939	AV
3		2483.500	45.593	15.108	-8.407	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:03
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 802.11n20	



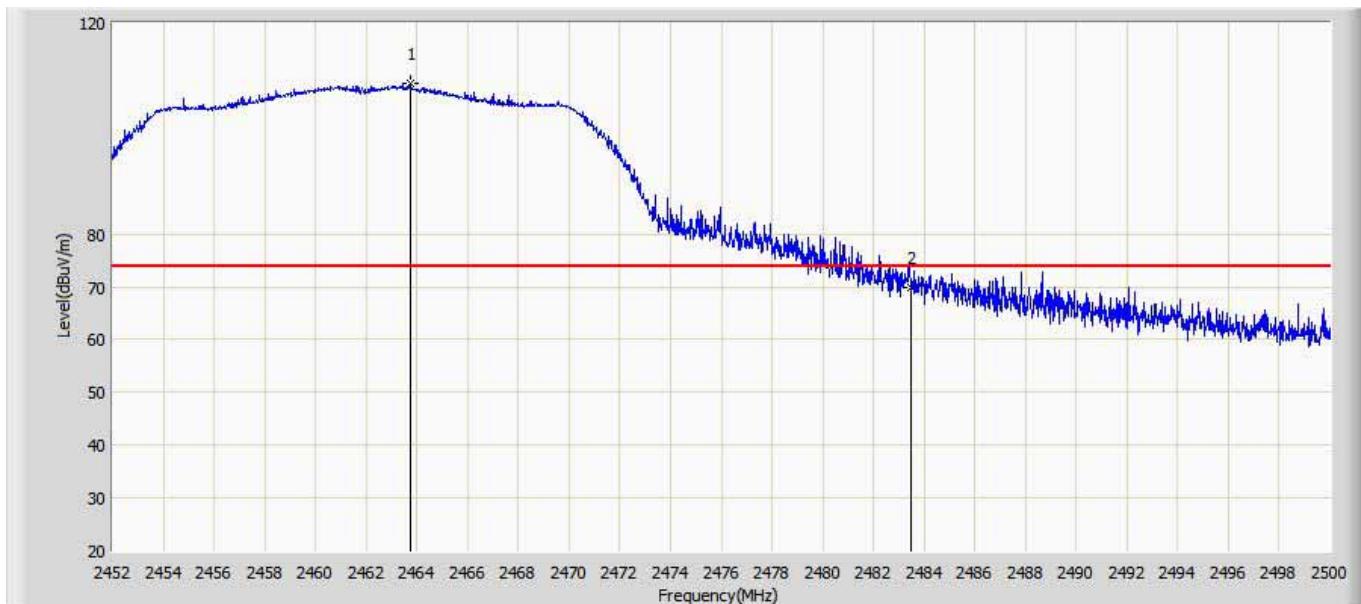
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.823	33.775	-11.177	74.000	29.048	PK
2	*	2436.825	105.756	76.815	N/A	N/A	28.941	PK
3		2483.500	61.353	30.869	-12.647	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:06
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: Mode 3:Transmit at 2462MHz by 802.11n20	



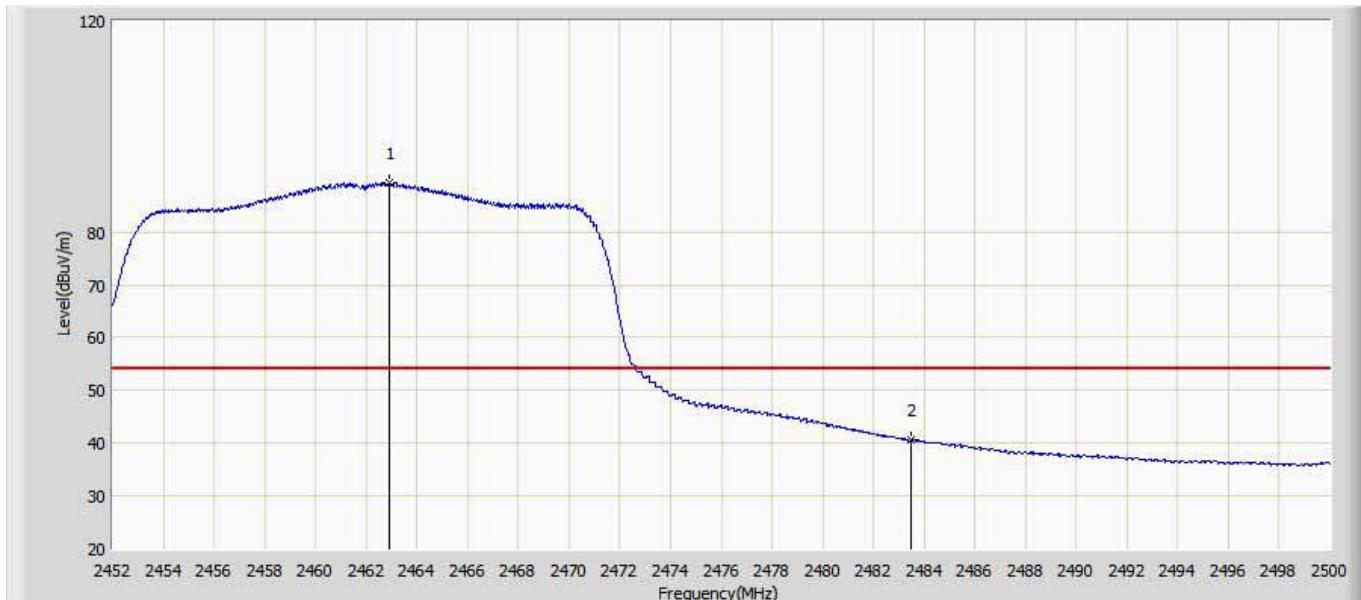
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.656	97.847	68.746	N/A	N/A	29.101	AV
2		2483.500	53.298	22.814	-0.702	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:20
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 802.11n20	



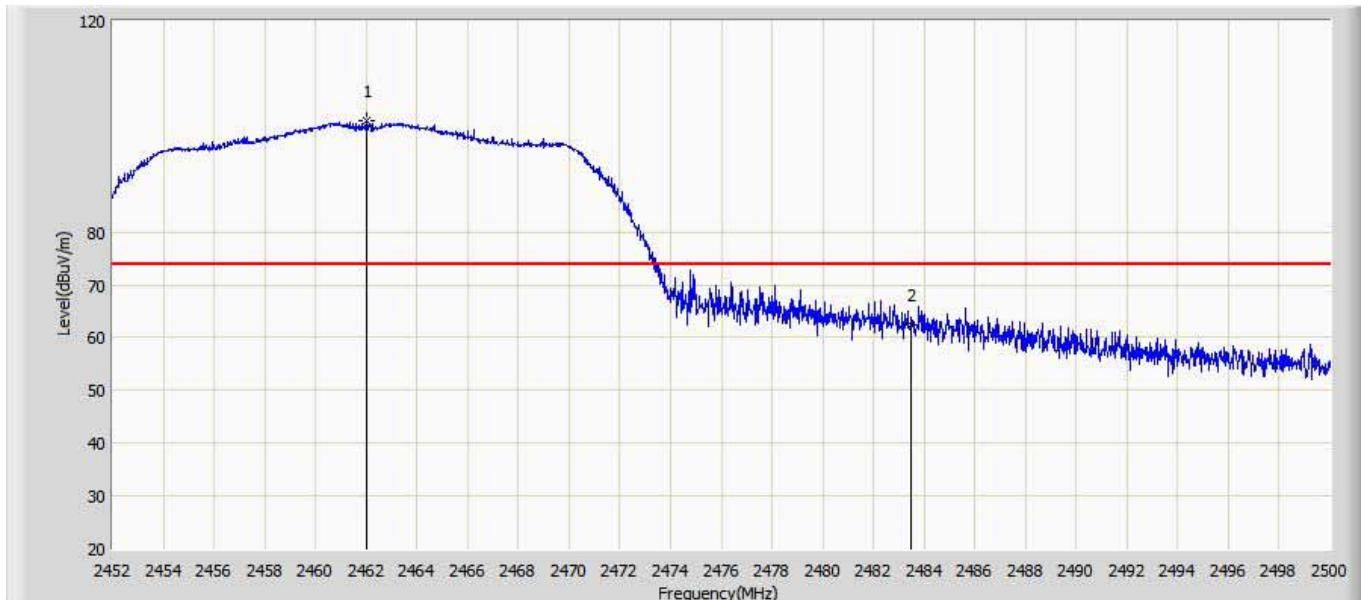
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.736	108.416	79.221	N/A	N/A	29.195	PK
2		2483.500	69.838	39.354	-4.162	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:20
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 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.920	89.444	60.320	N/A	N/A	29.124	AV
2		2483.500	40.547	10.063	-13.453	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 17:22
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 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.032	101.118	72.071	N/A	N/A	29.047	PK
2		2483.500	62.538	32.054	-11.462	74.000	30.484	PK

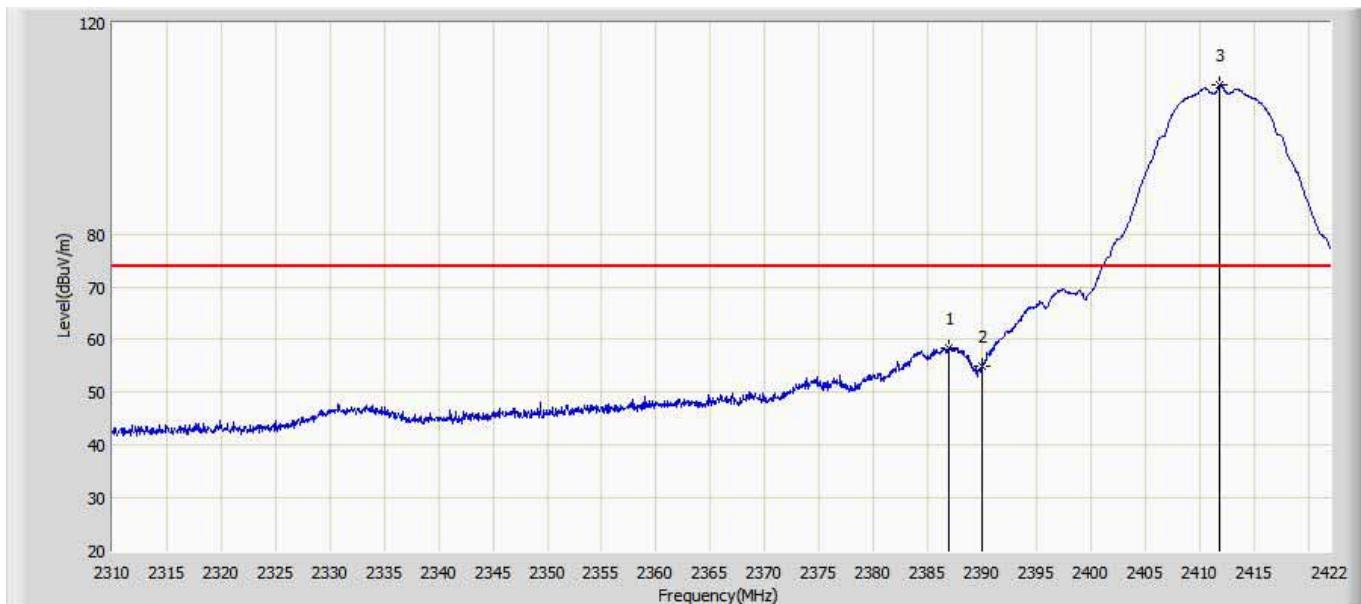
Ant 2:

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:00
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	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.392	52.495	23.446	-1.505	54.000	29.049	AV
2		2390.000	45.884	16.836	-8.116	54.000	29.048	AV
3	*	2411.248	104.264	75.400	N/A	N/A	28.864	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:26
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 1:Transmit at 2412MHz by 802.11b	



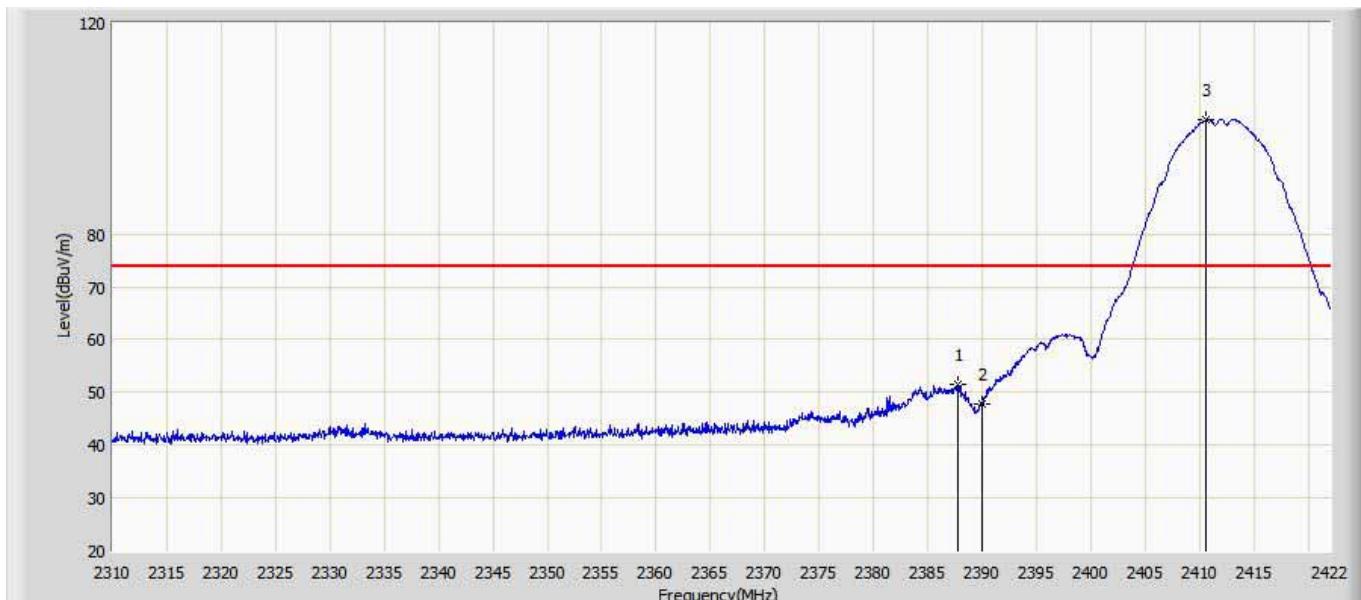
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.944	58.299	29.250	-15.701	74.000	29.049	PK
2		2390.000	55.035	25.987	-18.965	74.000	29.048	PK
3	*	2411.864	108.163	79.295	N/A	N/A	28.868	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:27
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 1:Transmit at 2412MHz by 802.11b	



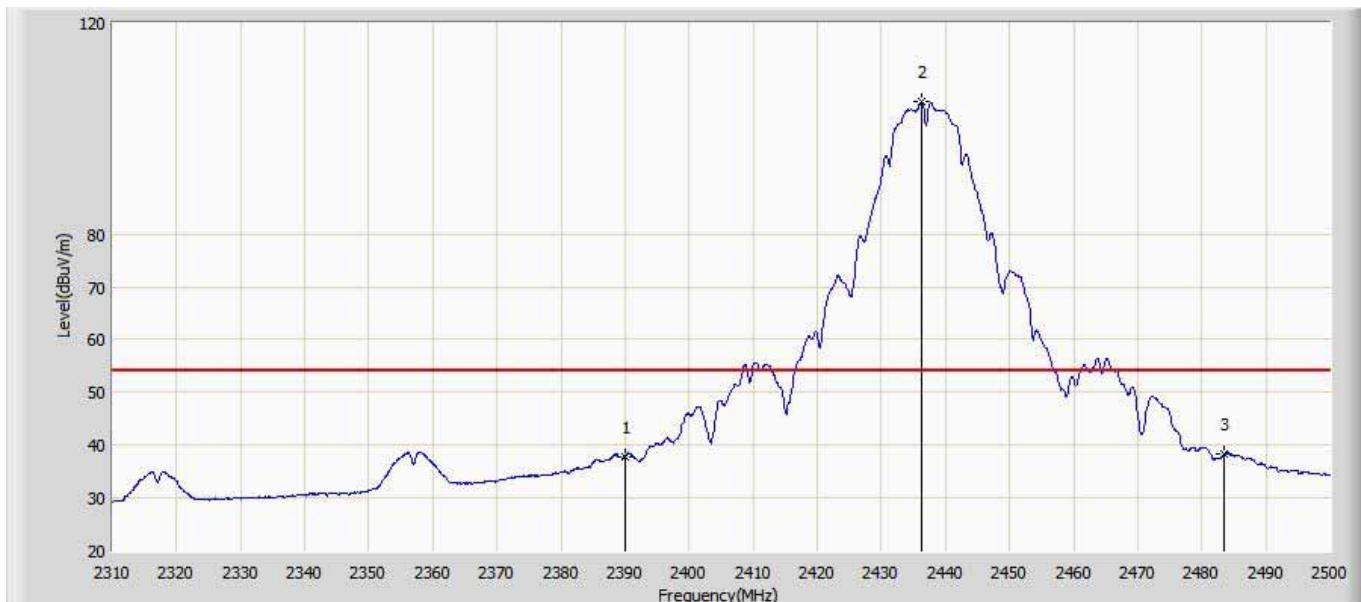
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.392	43.816	14.767	-10.184	54.000	29.049	AV
2		2390.000	38.768	9.720	-15.232	54.000	29.048	AV
3	*	2412.648	98.354	69.482	N/A	N/A	28.872	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:30
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	



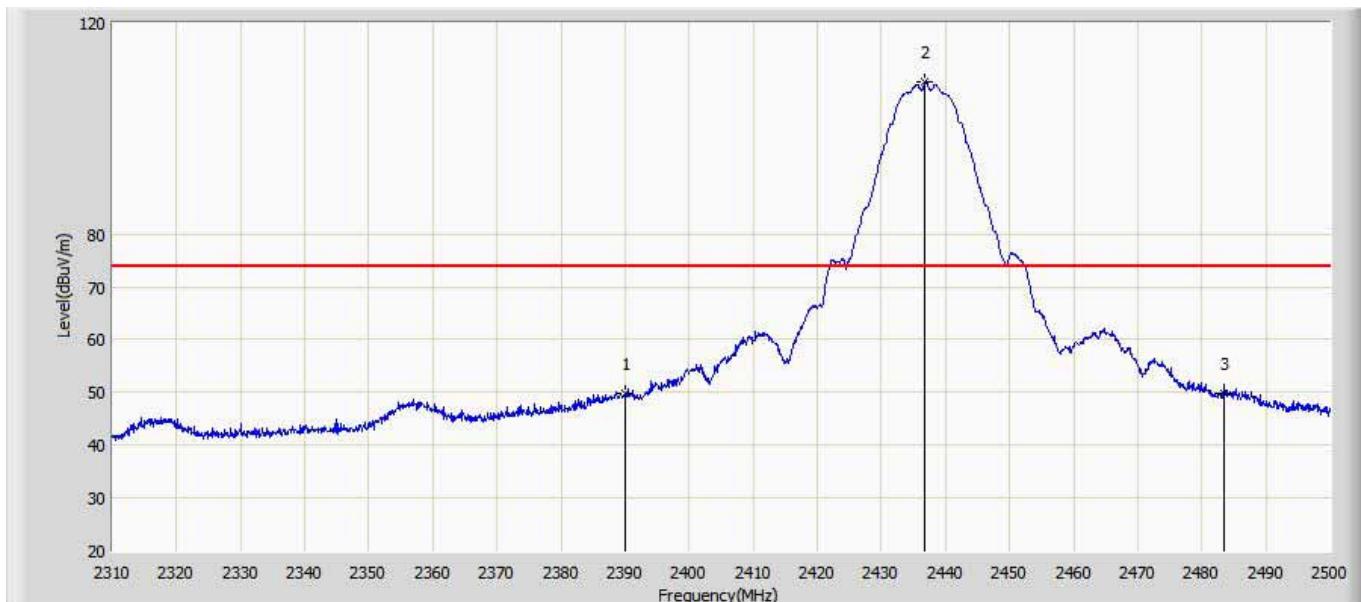
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.728	51.548	22.499	-22.452	74.000	29.049	PK
2		2390.000	47.919	18.871	-26.081	74.000	29.048	PK
3	*	2410.576	101.533	72.665	N/A	N/A	28.868	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:32
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	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	37.797	8.749	-16.203	54.000	29.048	AV
2	*	2436.160	104.996	76.054	N/A	N/A	28.942	AV
3		2483.500	38.239	7.755	-15.761	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:39
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	



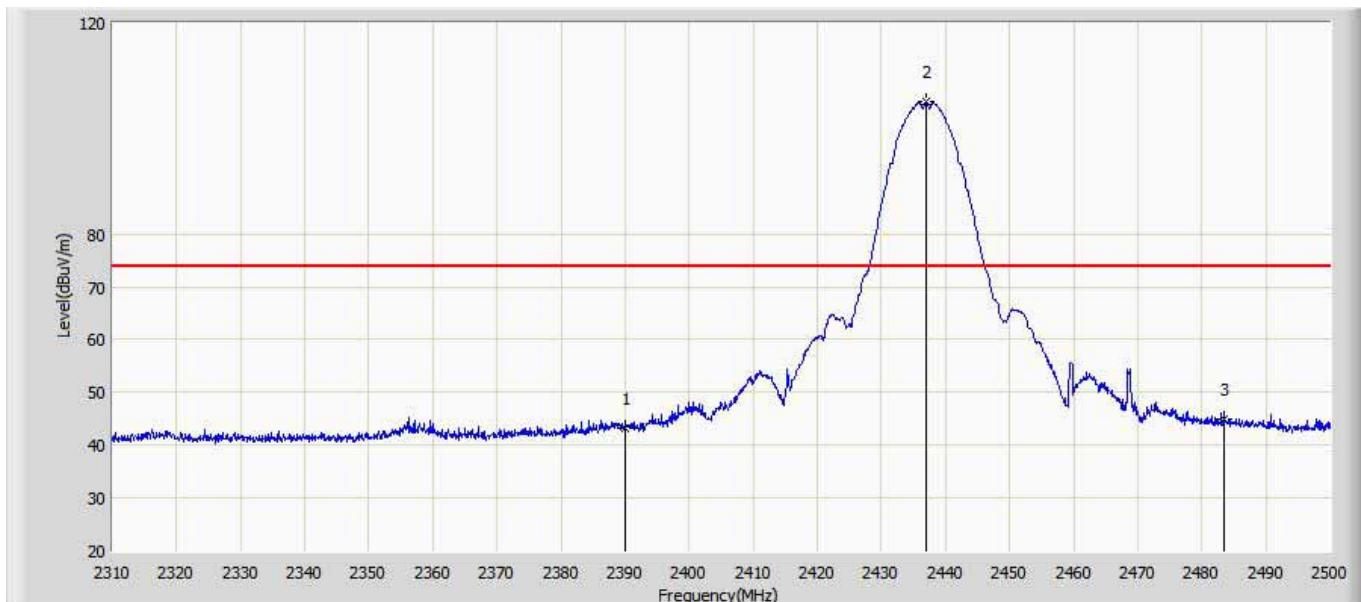
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.790	20.742	-24.210	74.000	29.048	PK
2	*	2436.825	108.859	79.918	N/A	N/A	28.941	PK
3		2483.500	49.698	19.214	-24.302	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:41
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 1:Transmit at 2437MHz by 802.11b	



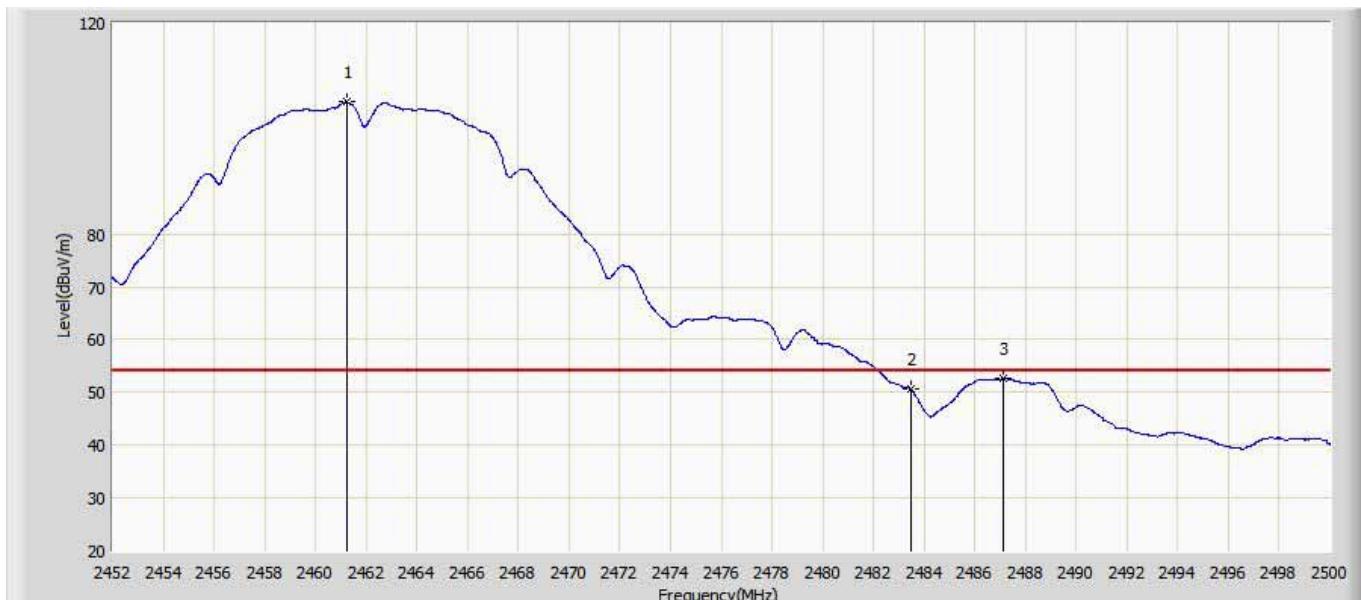
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	32.340	3.292	-21.660	54.000	29.048	AV
2	*	2435.590	100.285	71.342	N/A	N/A	28.943	AV
3		2483.500	32.997	2.513	-21.003	54.000	30.484	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:44
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 1:Transmit at 2437MHz by 802.11b	



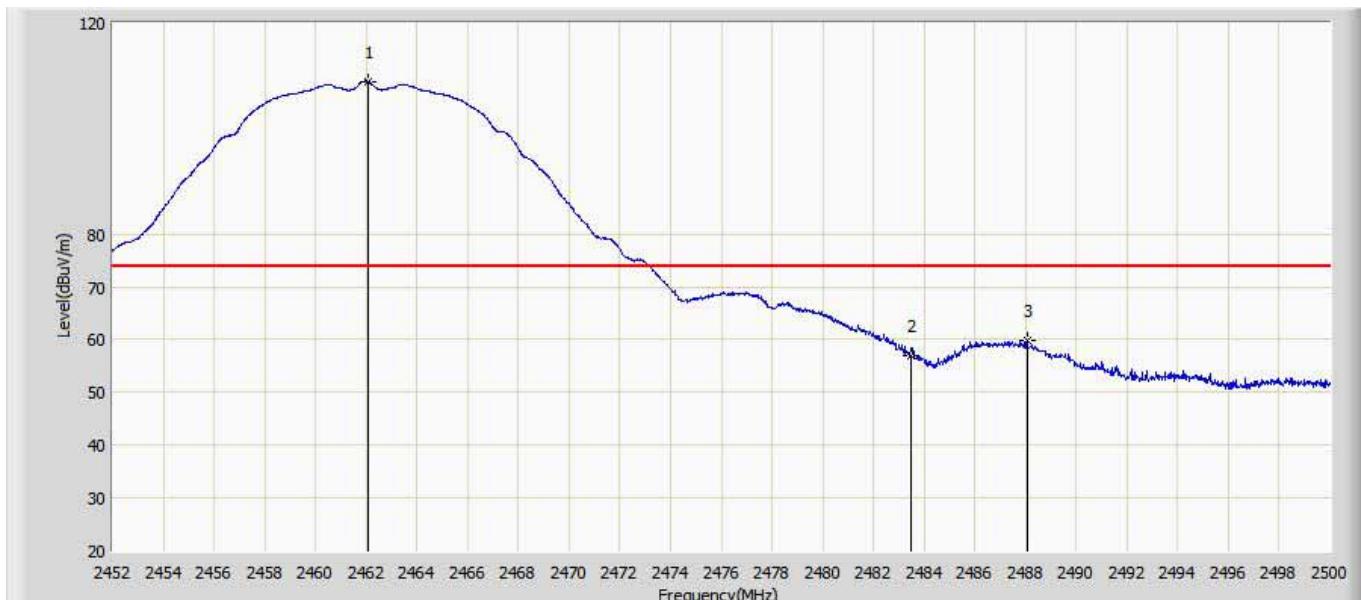
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.172	14.124	-30.828	74.000	29.048	PK
2	*	2436.920	104.961	76.020	N/A	N/A	28.941	PK
3		2483.500	45.058	14.574	-28.942	74.000	30.484	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:46
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	



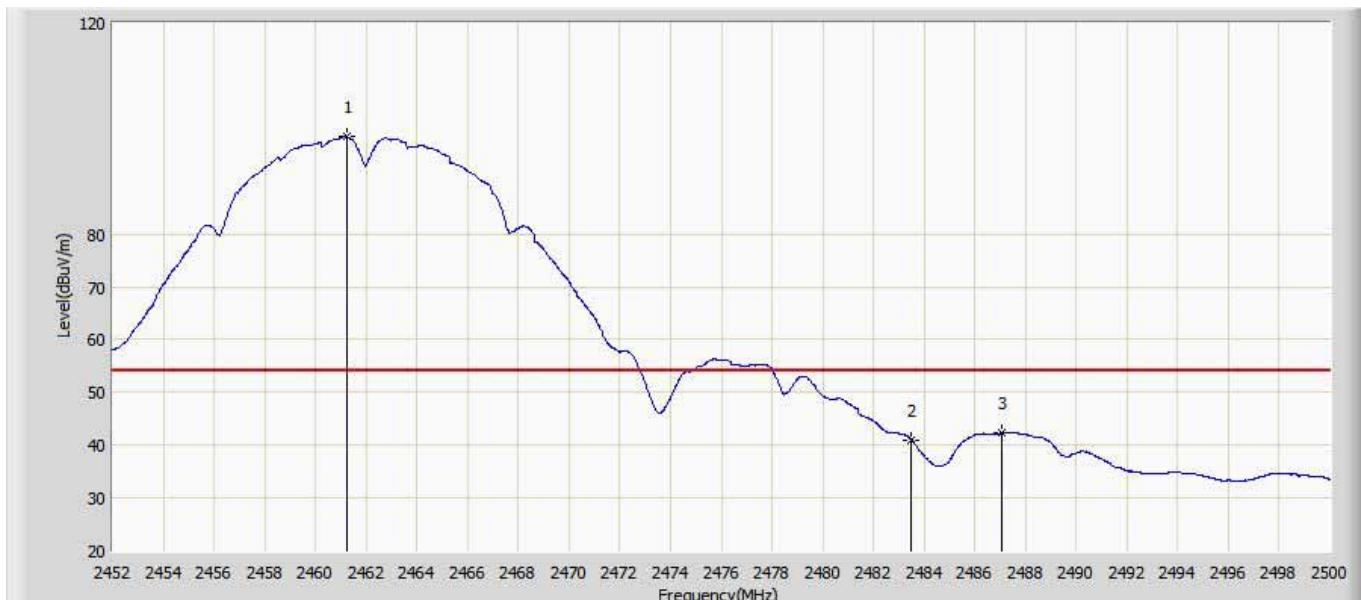
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.216	104.970	75.932	N/A	N/A	29.038	AV
2		2483.500	50.522	20.038	-3.478	54.000	30.484	AV
3		2487.136	52.573	22.121	-1.427	54.000	30.452	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:54
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	



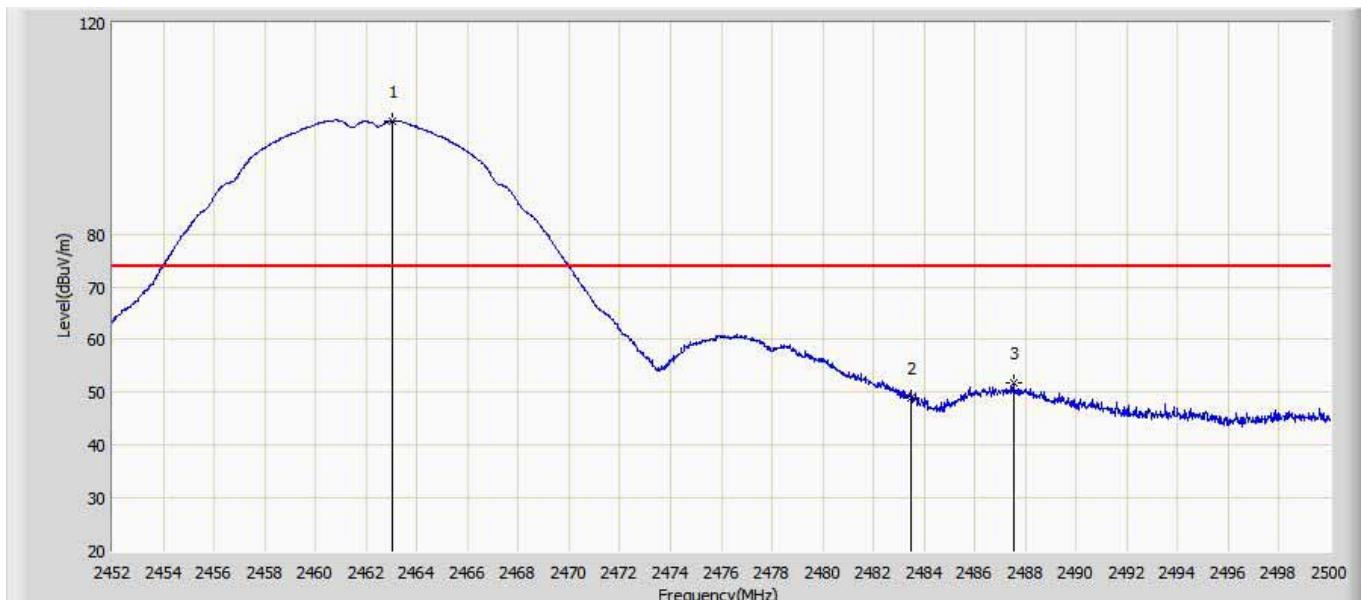
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.104	108.852	79.799	N/A	N/A	29.053	PK
2		2483.500	56.918	26.434	-17.082	74.000	30.484	PK
3		2488.048	59.803	29.359	-14.197	74.000	30.444	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 15:57
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	



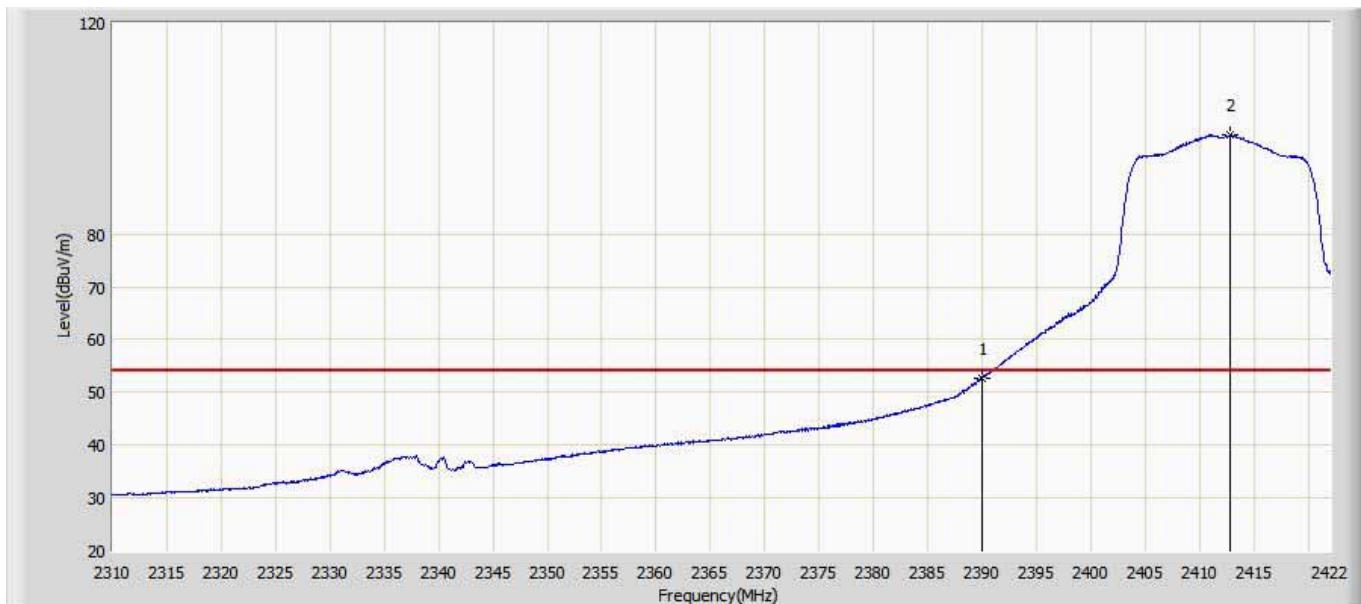
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.216	98.474	69.436	N/A	54.000	29.038	AV
2		2483.500	41.058	10.574	-12.942	54.000	30.484	AV
3		2487.064	42.293	11.841	-11.707	54.000	30.452	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 16:00
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	



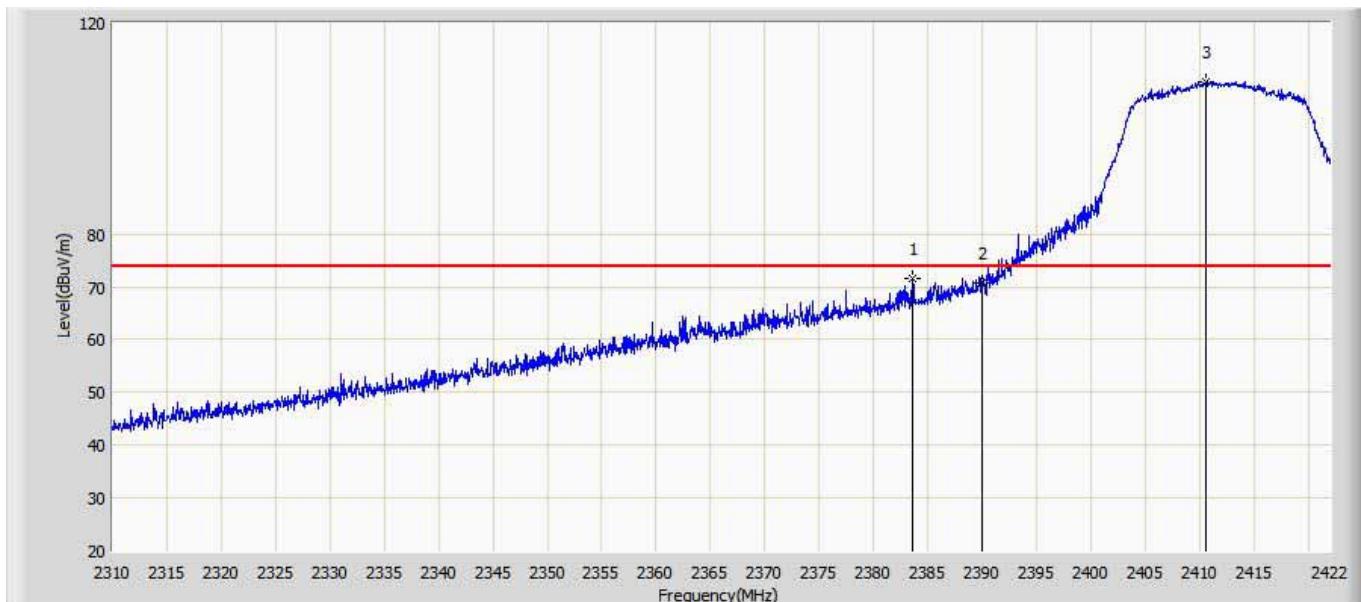
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.016	101.379	72.246	N/A	N/A	29.133	PK
2		2483.500	49.075	18.590	-24.925	74.000	30.484	PK
3		2487.520	51.808	21.360	-22.192	74.000	30.448	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 16:03
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	



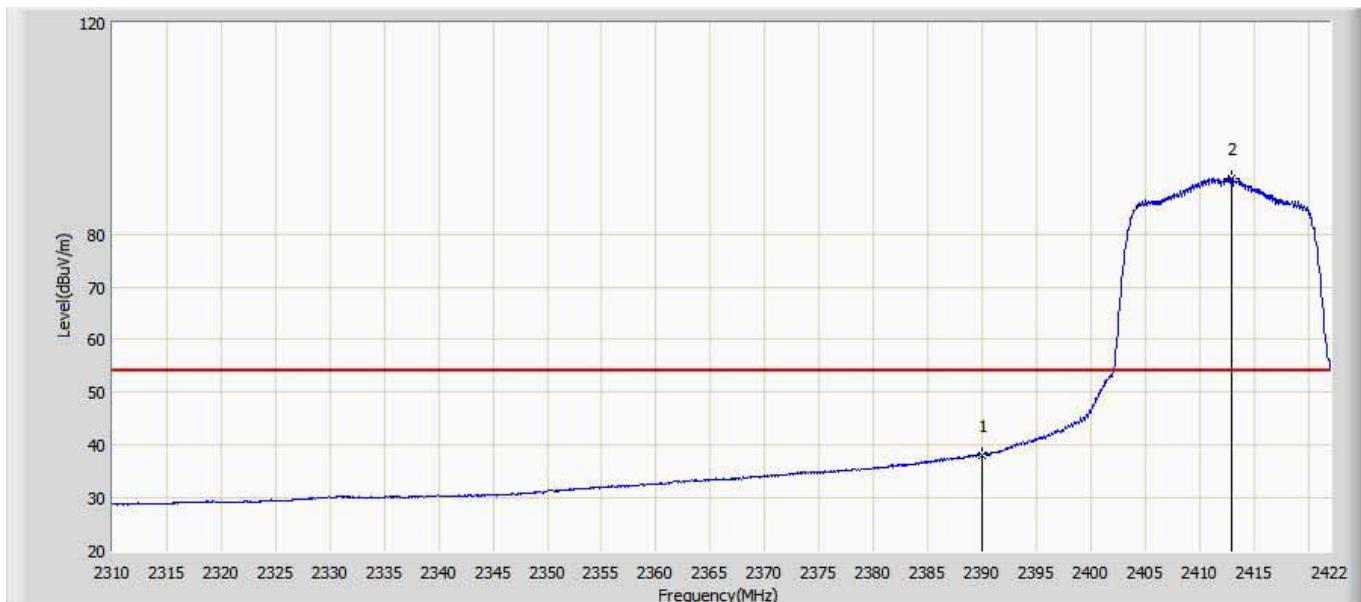
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.759	23.711	-1.241	54.000	29.048	AV
2	*	2412.760	98.736	69.863	N/A	N/A	28.873	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 16:12
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	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2383.584	71.685	42.634	-2.315	74.000	29.051	PK
2		2390.000	70.597	41.549	-3.403	74.000	29.048	PK
3	*	2410.632	108.712	79.845	N/A	N/A	28.867	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/25 - 16:14
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	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	38.050	9.002	-15.950	54.000	29.048	AV
2	*	2412.984	90.389	61.515	N/A	N/A	28.874	AV