Test Report

FCC Part15 Subpart C

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station
Model No.	:	WBS210
FCC ID	:	TE7WBS210

Applicant	:	TP-LINK TECHNOLOGIES CO., LTD.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China

Date of Receipt	:	Feb. 23, 2016
Test Date	:	Feb. 23, 2016~ May. 31, 2016
Issued Date	:	Jul. 08, 2016
Report No.	:	1622072R-RF-US-P06V01
Report Version	:	V1.2

Test Report Certification

Issued Date : Jul. 08, 2016
Report No. : 1622072R-RF-US-P06V01

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Applicant	:	TP-LINK TECHNOLOGIES CO., LTD.
Address	:	Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China
Manufacturer	:	TP-LINK TECHNOLOGIES CO., LTD.
Address	:	Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China
Model No.	:	WBS210
FCC ID	:	TE7WBS210
EUT Voltage	:	AC 100-240V, 50/60Hz
Brand Name	:	TP-LINK
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2015 ANSI C63.4:2014; ANSI C63.10:2013; KDB 558074 D01v03r05 KDB 662911 D01 Multiple Transmitter Output v02r01
Test Result	:	Complied
Performed Location	:	Quietek Corporation - Suzhou EMC Laboratory No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006, Jiangsu, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392

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Reviewed By : Jack Zhang
(Senior Engineer: Jack Zhang)

Approved By : Harry Zhao
(Engineering Manager: Harry Zhao)

Laboratory Information

We, **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted(audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scope:

Taiwan R.O.C.	**:**	**BSMI, NCC, TAF**
USA	**:**	**FCC**
Japan	**:**	**VCCI**
China	**:**	**CNAS**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://www.quietek.com/english/about/certificates.aspx?bval=5
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/index_en.aspx
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1622072R-RF-US-P06V01	V1.0	Initial Issued Report	Jun. 01, 2016
1622072R-RF-US-P06V01	V1.1	Modified the limit for Power and PSD.	Jun. 22, 2016
1622072R-RF-US-P06V01	V1.2	Modified a typo at P150.	Jul. 08, 2016

1. General Information

1.1. EUT Description

Product Name	2.4GHz 300Mbps Outdoor Wireless Base Station
Brand Name	TP-LINK
Model No.	WBS210
EUT Voltage	AC 100-240V, 50/60Hz
Frequency Range	For 2.4GHz Band 802.11b/g/n(20MHz): 2412~2462MHz 802.11n(40MHz): 2422~2452MHz
Channel Number	For 2.4GHz Band 802.11b/g/n(20MHz): 11 802.11n(40MHz): 7
Type of Modulation	802.11b: DSSS
	802.11g: OFDM
Data Rate	802.11g: 6/9/12/18/24/36/48/54 Mbps
	802.11b: 1/2/5.5/11 Mbps
	802.11n: up to 300 Mbps
Channel Control	Auto

1.2. 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
802.11n(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz	N/A	N/A

1.3. Antenna information

Model No.	N/A						
Antenna manufacturer	TP-LINK						
Antenna Delivery	☐	1*TX+1*RX	☒	2*TX+2*RX	☐	3*TX+3*RX	
Antenna technology	☐	SISO					
	☒	MIMO	☐	Basic			
			☒	CDD			
			☐	Sectorized			
			☐	Beam-forming			
Antenna Type	☒	External	☒	Dipole			
			☐	Sectorized			
	☐	Internal	☐	PIFA			
			☐	PCB			
			☐	Ceramic Chip Antenna			
			☐	Metal plate type F antenna			

Antenna Technology	Ant Gain (dBi)	Directional Gain (dBi)	
		For Power	For PSD
☒ CDD	Ant0: 2.0 Ant1: 2.0	2.0	5.0

Model No.	N/A						
Antenna manufacturer	TP-LINK						
Antenna Delivery	☐	1*TX+1*RX	☒	2*TX+2*RX	☐	3*TX+3*RX	
Antenna technology	☐	SISO					
	☒	MIMO	☐	Basic			
			☐	CDD			
			☒	Sectorized			
			☐	Beam-forming			
Antenna Type	☒	External	☐	Dipole			
			☒	Sectorized			
	☐	Internal	☐	PIFA			
			☐	PCB			
			☐	Ceramic Chip Antenna			
			☐	Metal plate type Fntenna			

Ant Gain(dBi)
15.0

1.4. Mode of Operation

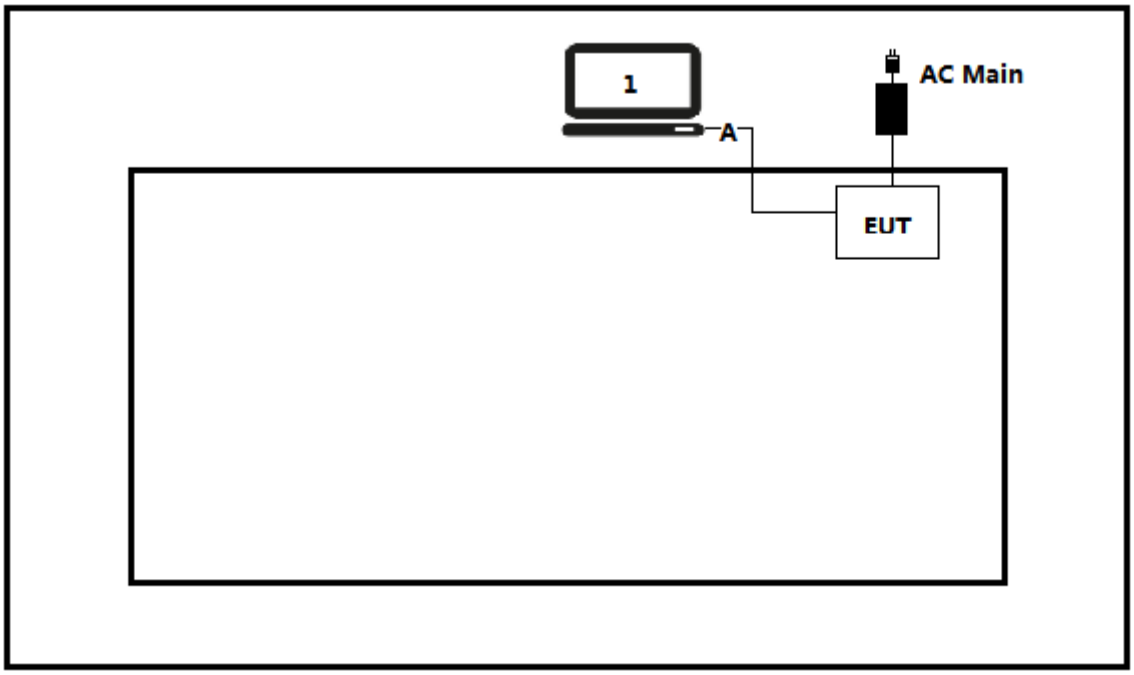
Test Modes List
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11n(20MHz)
Mode 4: Transmit by 802.11n(40MHz)

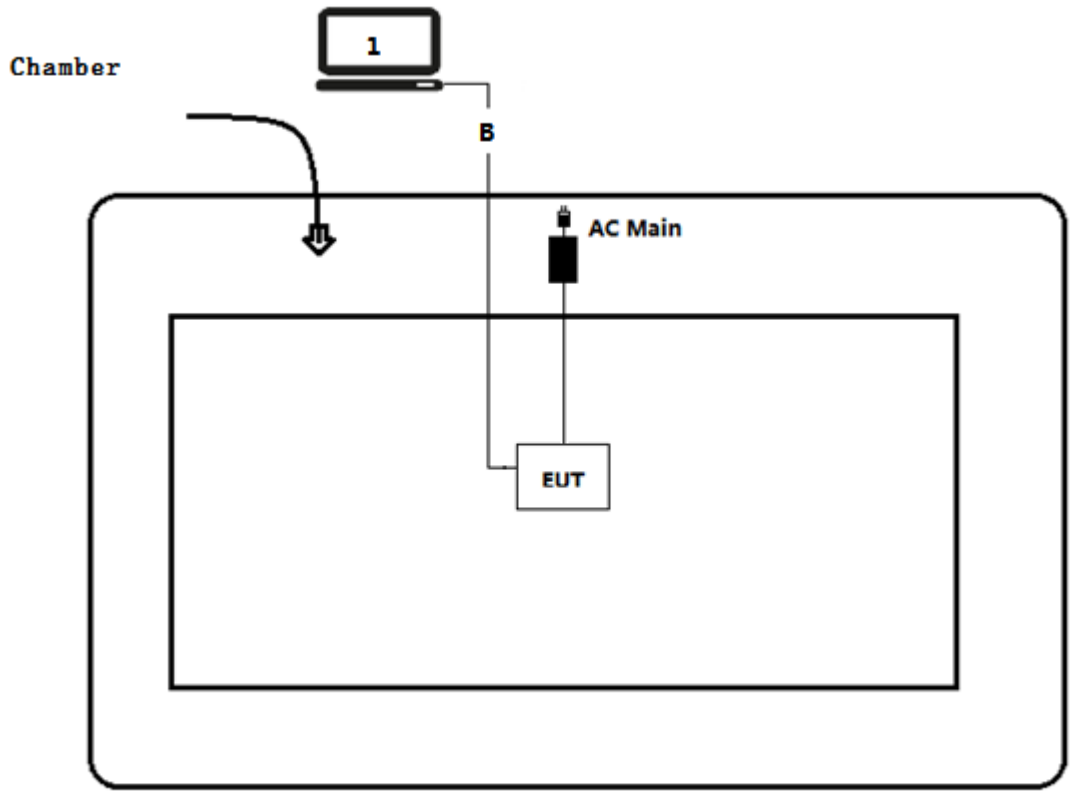
1.5. Tested System Details

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

No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	Think pad x220	SUA0600195	Non-shielded
A	LAN cable	N/A	N/A	N/A	Non-shielded,1.5m
B	LAN cable	N/A	N/A	N/A	Non-shielded,10m

1.6. Configuration of Tested System

Test setup Diagram- AC Line Conducted Emission Test


Test setup Diagram- Radiated Emission


2. Technical Test

2.1. Summary of Test Result

Performed Test Item	Normative References	Limit	Result
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.207	FCC 15.207	PASS
Emissions in restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.209	FCC 15.209	PASS
Emissions in non-restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(d)	⩾30dBc	PASS
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2015 15.247(d)	FCC 15.209	PASS
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(2)	⩾500kHz	PASS
Fundamental emission output power	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(b)(3)	⩽30dBm	PASS
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(e)	⩽8dBm/3kHz	PASS

2.2. Test Frequency configuration:

Modulation Mode	Channel	Frequency	Channel	Frequency	Channel	Frequency
802.11b	01	2412 MHz	06	2437 MHz	11	2462MHz
802.11g	01	2412 MHz	06	2437 MHz	11	2462MHz
802.11n(20MHz)	01	2412 MHz	06	2437 MHz	11	2462MHz
802.11n(40MHz)	03	2422 MHz	06	2437 MHz	09	2452MHz

2.3. Power setting parameter

Dipole Antenna:

Test Software	ART 2		
Modulation Mode	Test Frequency	Ant 0	Ant 1
802.11b	2412	20	20
	2437	22	22
	2462	22	22
802.11g	2412	16	16
	2437	22	22
	2462	16	16
802.11n(20MHz)	2412	15	15
	2437	22	22
	2462	16	16
802.11n(40MHz)	2422	13	13
	2437	17	17
	2452	13	13

Sectorized Antenna:

Test Software	ART 2		
Modulation Mode	Test Frequency	Ant 0	Ant 1
802.11b	2412	11	11
	2437	11	11
	2462	14	14
802.11g	2412	9	9
	2437	8	8
	2462	10	10
802.11n(20MHz)	2412	8	8
	2437	8	8
	2462	10	10
802.11n(40MHz)	2422	3	3
	2437	7	7
	2452	3	3

2.4. Power vs Data Rate

MCS Index	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g		20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
1	2	1	6	---	13.0	14.4	27.0	30.0
2	2	2	9	---	26.0	28.9	54.0	60.0
3	2	5.5	12	---	39.0	43.3	81.0	90.0
4	2	11	18	---	52.0	57.8	108.0	120.0
5	2	---	24	---	78.0	86.7	162.0	180.0
6	2	---	36	---	104.0	115.6	216.0	240.0
7	2	---	48	---	117.0	130.0	243.0	270.0
8	2	---	54	---	130.0	144.0	270.0	300.0

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

Note 2 : The EUT has two spatial Streams

2.5. Test Environment

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

2.6. Measurement Uncertainty

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

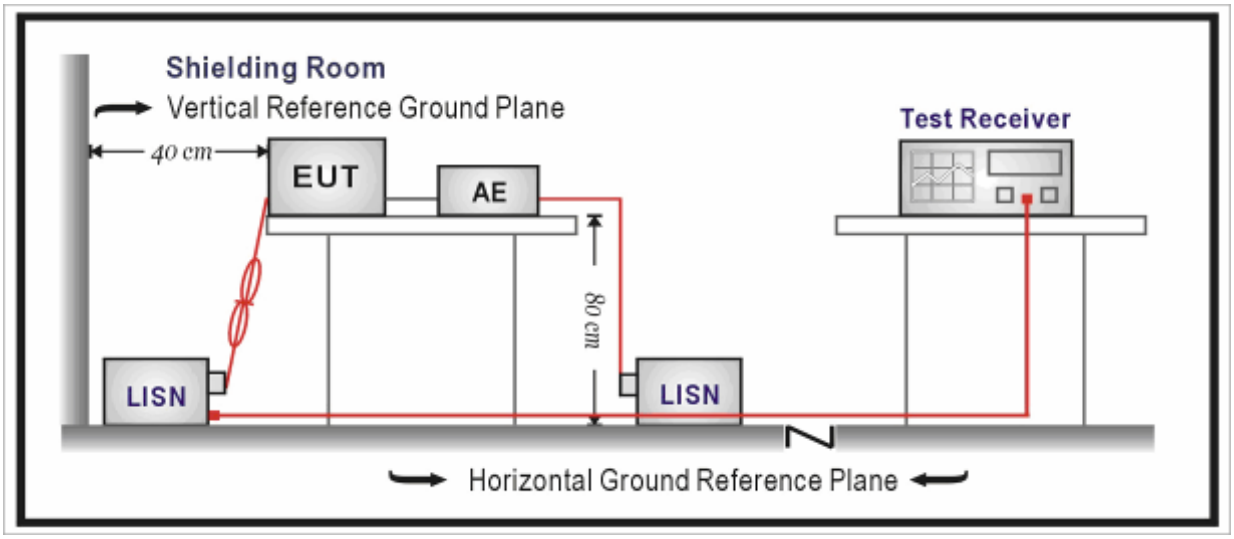
3. AC Power Line Conducted Emission

3.1. Test Equipment

AC Power Line Conducted Emission / TR-1					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100726	2016.03.29	2017.03.28
Two-Line V-Network	R&S	ENV216	100043	2016.03.29	2017.03.28
Two-Line V-Network	R&S	ENV216	100044	2015.09.17	2016.09.16
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2016.03.02	2017.03.01
50ohm Termination	SHX	TF2	07081401	2015.09.17	2016.09.16
Temperature/Humidity Meter	zhichen	ZC1-2	TR1-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

3.2. Test Setup

AC Power Line Conducted Emission test setup



3.3. Limit

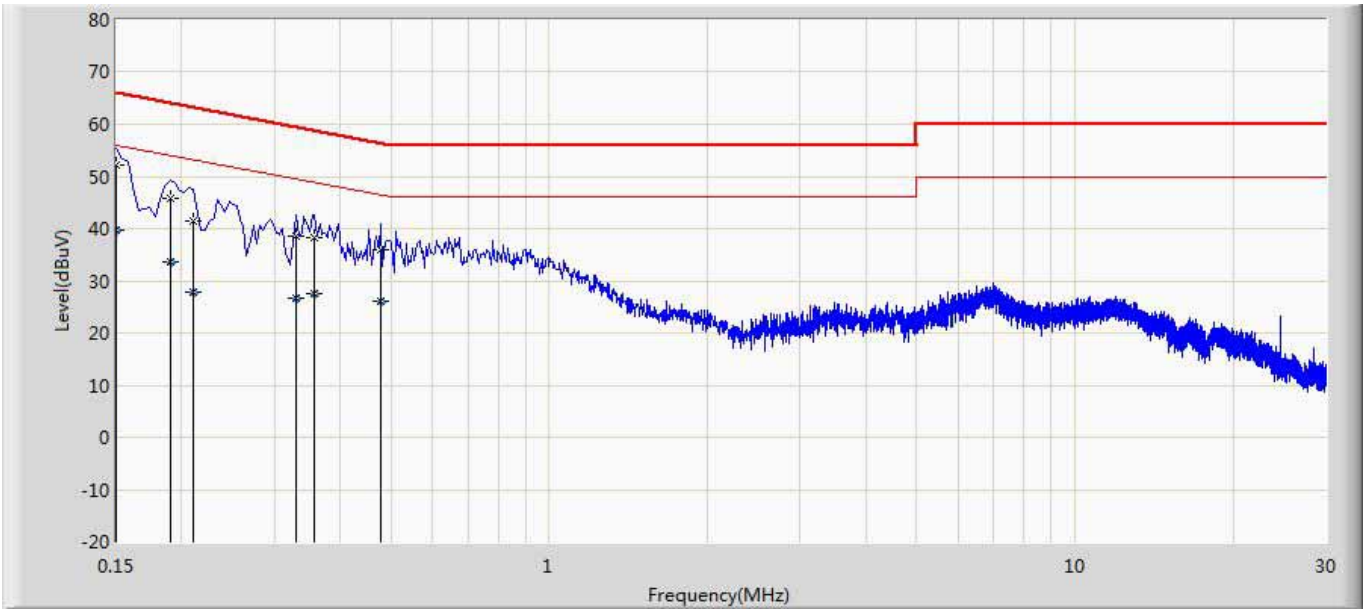
Frequency of Emission (MHz)	Conducted Limit	
	Quasi-peak (dBμV)	Average(dBμV)
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

3.4. Test Procedure

Test Method			
	References Rule	Chapter	Item
☒	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices
☒	ANSI C63.4-2014	7	AC power-line conducted emission measurements

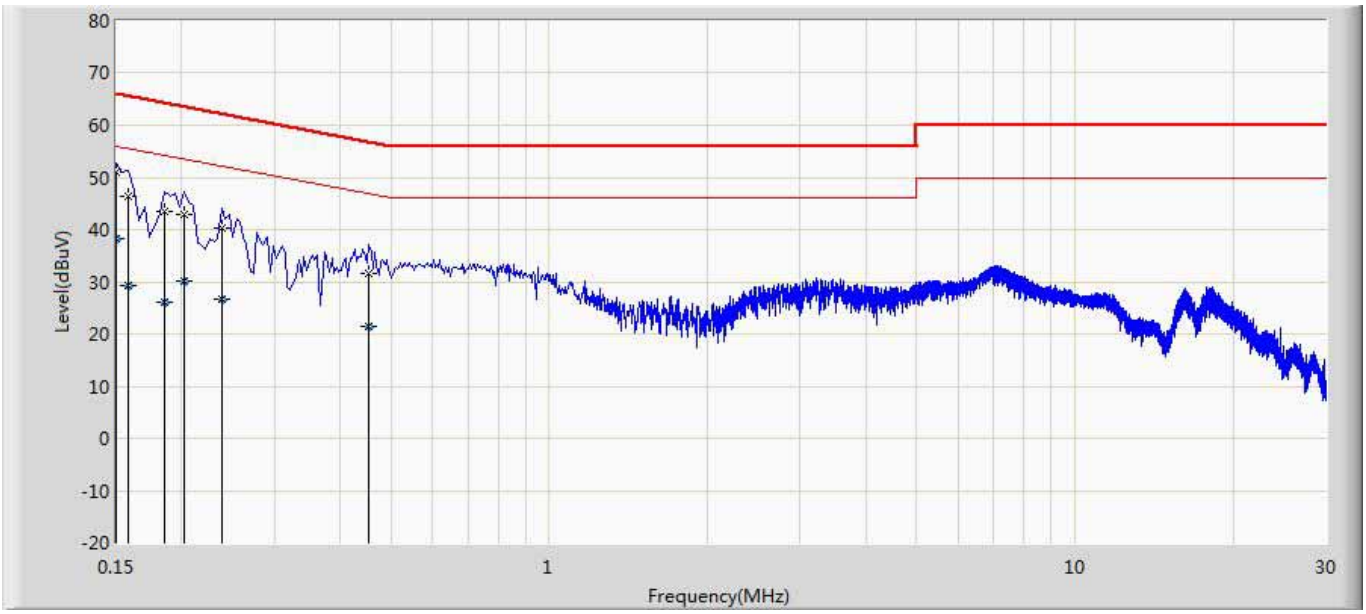
3.5. Test Result

Engineer: Scott	
Site: TR1	Time: 2016/05/31 - 09:32
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101044(0.009-30MHz)	Polarity: Line
EUT: 2.4GHz 300Mbps Outdoor Wireless Base Station	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.150	52.213	42.592	-13.787	66.000	9.621	QP
2		0.150	39.693	30.072	-16.307	56.000	9.621	AV
3		0.190	45.816	36.196	-18.221	64.037	9.620	QP
4		0.190	33.613	23.994	-20.423	54.037	9.620	AV
5		0.210	41.324	31.700	-21.882	63.205	9.624	QP
6		0.210	27.760	18.136	-25.446	53.205	9.624	AV
7		0.330	38.635	29.012	-20.816	59.451	9.623	QP
8		0.330	26.566	16.943	-22.885	49.451	9.623	AV
9		0.358	38.378	28.752	-20.397	58.775	9.626	QP
10		0.358	27.537	17.911	-21.238	48.775	9.626	AV
11		0.478	35.998	26.366	-20.376	56.374	9.632	QP
12		0.478	26.100	16.468	-20.274	46.374	9.632	AV

Engineer: Scott	
Site: TR1	Time: 2016/05/31 - 09:36
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101044(0.009-30MHz)	Polarity: Neutral
EUT: 2.4GHz 300Mbps Outdoor Wireless Base Station	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.150	51.133	41.532	-14.867	66.000	9.601	QP
2		0.150	38.207	28.606	-17.793	56.000	9.601	AV
3		0.158	46.414	36.814	-19.154	65.568	9.600	QP
4		0.158	29.308	19.708	-26.260	55.568	9.600	AV
5		0.186	43.356	33.757	-20.857	64.213	9.600	QP
6		0.186	26.154	16.555	-28.059	54.213	9.600	AV
7		0.202	42.868	33.265	-20.660	63.528	9.603	QP
8		0.202	30.078	20.475	-23.450	53.528	9.603	AV
9		0.238	40.176	30.575	-21.990	62.166	9.601	QP
10		0.238	26.748	17.148	-25.417	52.166	9.601	AV
11		0.454	31.697	22.075	-25.104	56.802	9.623	QP
12		0.454	21.510	11.887	-25.292	46.802	9.623	AV

4. Emissions in restricted frequency bands

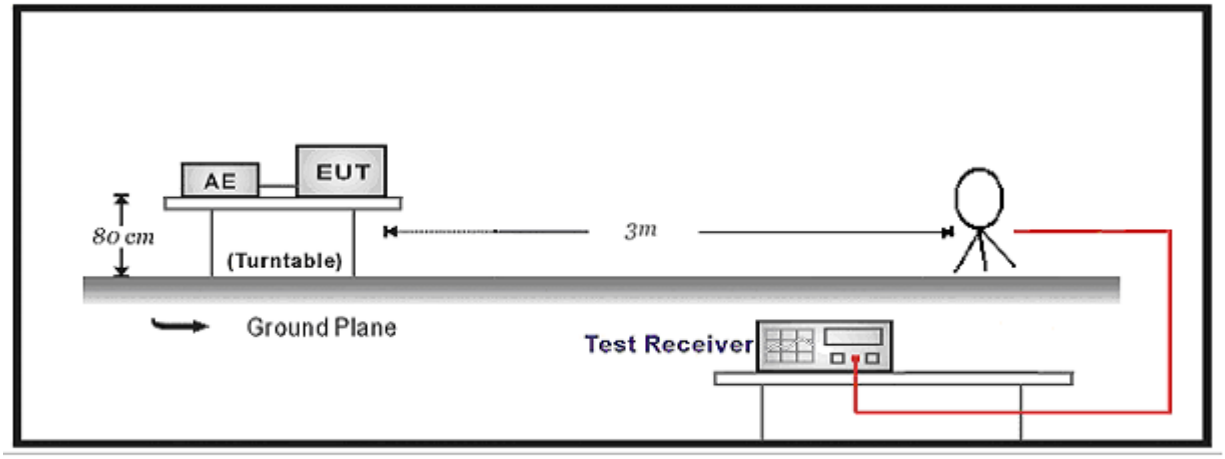
4.1. Test Equipment

Radiated Emission(Below 1GHz) / AC-2					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2016.03.29	2017.03.28
Loop Antenna	R&S	HFH2-Z2	833799/003	2015.11.16	2016.11.17
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2015.10.16	2016.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2016.03.02	2017.03.01
Temperature/Humidity Meter	Zhichen	ZC1-2	AC2-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

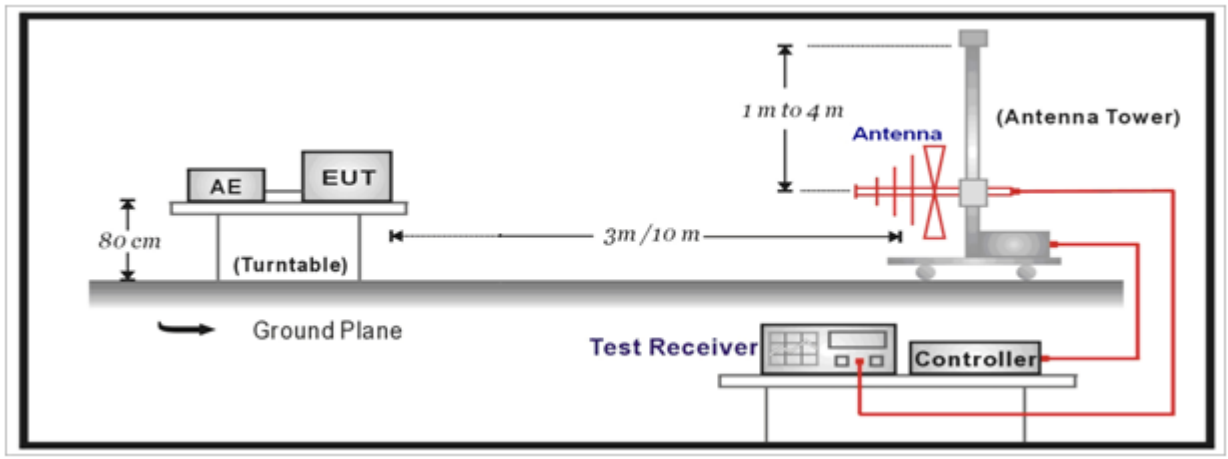
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2016.05.06	2017.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2016.01.22	2017.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2015.11.25	2016.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2016.03.02	2017.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2015.06.10	2016.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

4.2. Test Setup

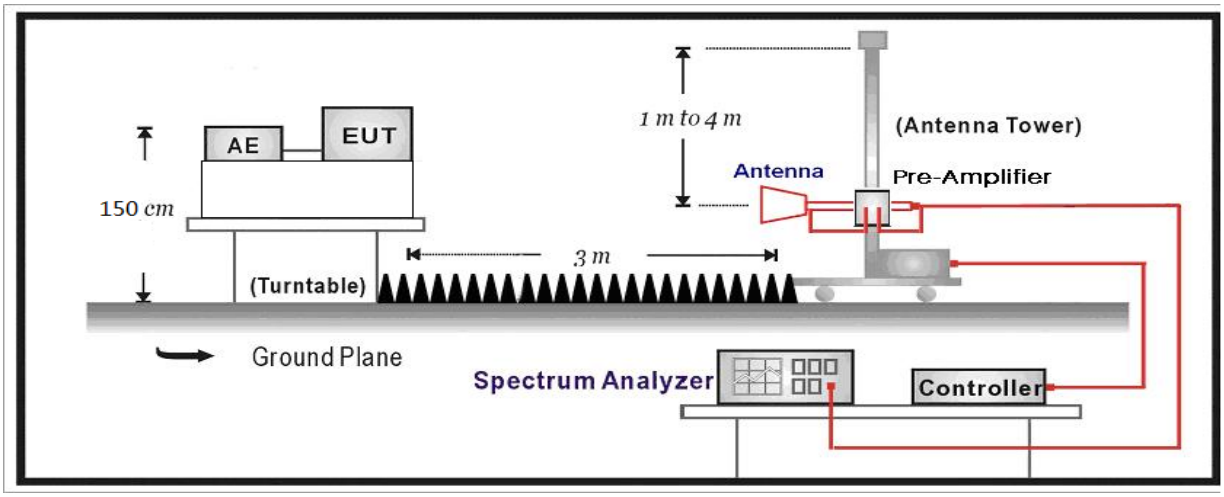
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

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)

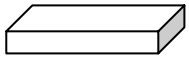
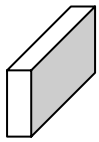
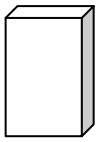
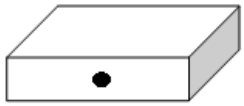
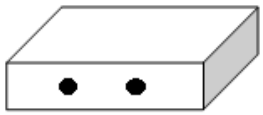
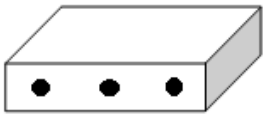
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

4.4. Test Procedure

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

4.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Emissions in restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="11">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☒</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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4.6. Test Result

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1	Test Site	:	AC-5

Dipole Antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	31.4	7.3	38.7	54(note3)	15.3	PK
		V	4824.0	30.2	7.3	37.5	54(note3)	16.5	PK
		H	7236.0	27.9	12.7	40.6	54(note3)	13.4	PK
		V	7236.0	28.6	12.7	41.3	54(note3)	12.7	PK
		H	9648.0	26.2	14.8	41.0	54(note3)	13.0	PK
		V	9648.0	26.8	14.8	41.6	54(note3)	12.4	PK
	6	H	4874.0	33.7	7.4	41.0	54(note3)	13.0	PK
		V	4874.0	35.7	7.4	43.0	54(note3)	11.0	PK
		H	7311.0	30.0	12.5	42.5	54(note3)	11.5	PK
		V	7311.0	29.2	12.5	41.7	54(note3)	12.3	PK
		H	9748.0	25.9	14.8	40.7	54(note3)	13.3	PK
		V	9748.0	27.1	14.8	41.9	54(note3)	12.1	PK
	11	H	4924.0	34.5	7.6	42.1	54(note3)	11.9	PK
		V	4924.0	38.4	7.6	45.9	54(note3)	8.1	PK
		H	7386.0	29.1	12.3	41.4	54(note3)	12.6	PK
		V	7386.0	29.8	12.3	42.1	54(note3)	11.9	PK
		H	9848.0	25.2	15.3	40.5	54(note3)	13.5	PK
		V	9848.0	25.0	15.3	40.2	54(note3)	13.8	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Sectorized antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	31.5	7.3	38.8	54(note3)	15.2	PK
		V	4824.0	32.1	7.3	39.4	54(note3)	14.6	PK
		H	7236.0	28.4	12.7	41.0	54(note3)	13.0	PK
		V	7236.0	28.1	12.7	40.8	54(note3)	13.2	PK
		H	9648.0	26.9	14.8	41.7	54(note3)	12.3	PK
		V	9648.0	26.2	14.8	41.0	54(note3)	13.0	PK
	6	H	4874.0	30.3	7.4	37.7	54(note3)	16.3	PK
		V	4874.0	30.4	7.4	37.8	54(note3)	16.2	PK
		H	7311.0	28.3	12.5	40.8	54(note3)	13.2	PK
		V	7311.0	28.7	12.5	41.1	54(note3)	12.9	PK
		H	9748.0	26.4	14.8	41.2	54(note3)	12.8	PK
		V	9748.0	26.0	14.8	40.8	54(note3)	13.2	PK
	11	H	4924.0	30.3	7.6	37.9	54(note3)	16.1	PK
		V	4924.0	31.1	7.6	38.6	54(note3)	15.4	PK
		H	7386.0	28.9	12.3	41.2	54(note3)	12.8	PK
		V	7386.0	29.6	12.3	41.9	54(note3)	12.1	PK
		H	9848.0	25.2	15.3	40.5	54(note3)	13.5	PK
		V	9848.0	25.0	15.3	40.2	54(note3)	13.8	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Power	:	AC 120V/60Hz
Test Site	:	Mode 2	Test Site	:	AC-5

Dipole Antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	30.5	7.3	37.8	54(note3)	16.2	PK
		V	4824.0	30.9	7.3	38.2	54(note3)	15.8	PK
		H	7236.0	27.9	12.7	40.6	54(note3)	13.4	PK
		V	7236.0	28.4	12.7	41.1	54(note3)	12.9	PK
		H	9648.0	26.4	14.8	41.1	54(note3)	12.9	PK
		V	9648.0	26.6	14.8	41.4	54(note3)	12.6	PK
	6	H	4874.0	31.6	7.4	38.9	54(note3)	15.1	PK
		V	4874.0	36.9	7.4	44.3	54(note3)	9.7	PK
		H	7311.0	28.6	12.5	41.1	54(note3)	12.9	PK
		V	7311.0	28.9	12.5	41.4	54(note3)	12.6	PK
		H	9748.0	25.8	14.8	40.6	54(note3)	13.4	PK
		V	9748.0	26.5	14.8	41.3	54(note3)	12.7	PK
	11	H	4924.0	30.2	7.6	37.7	54(note3)	16.3	PK
		V	4924.0	31.4	7.6	39.0	54(note3)	15.0	PK
		H	7386.0	29.1	12.3	41.4	54(note3)	12.6	PK
		V	7386.0	29.8	12.3	42.1	54(note3)	11.9	PK
		H	9848.0	24.4	15.3	39.7	54(note3)	14.3	PK
		V	9848.0	25.3	15.3	40.6	54(note3)	13.4	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Sectorized antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	30.4	7.3	37.7	54(note3)	16.3	PK
		V	4824.0	30.2	7.3	37.5	54(note3)	16.5	PK
		H	7236.0	28.5	12.7	41.2	54(note3)	12.8	PK
		V	7236.0	28.2	12.7	40.9	54(note3)	13.1	PK
		H	9648.0	26.0	14.8	40.8	54(note3)	13.2	PK
		V	9648.0	26.4	14.8	41.2	54(note3)	12.8	PK
	6	H	4874.0	29.9	7.4	37.2	54(note3)	16.8	PK
		V	4874.0	30.3	7.4	37.7	54(note3)	16.3	PK
		H	7311.0	28.8	12.5	41.2	54(note3)	12.8	PK
		V	7311.0	28.2	12.5	40.7	54(note3)	13.3	PK
		H	9748.0	26.0	14.8	40.8	54(note3)	13.2	PK
		V	9748.0	26.6	14.8	41.4	54(note3)	12.6	PK
	11	H	4924.0	30.5	7.6	38.0	54(note3)	16.0	PK
		V	4924.0	31.0	7.6	38.6	54(note3)	15.4	PK
		H	7386.0	28.6	12.3	40.9	54(note3)	13.1	PK
		V	7386.0	29.3	12.3	41.6	54(note3)	12.4	PK
		H	9848.0	25.2	15.3	40.4	54(note3)	13.6	PK
		V	9848.0	25.8	15.3	41.0	54(note3)	13.0	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Power	:	AC 120V/60Hz
Test Site	:	Mode 3	Test Site	:	AC-5

Dipole Antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	30.8	7.3	38.1	54(note3)	15.9	PK
		V	4824.0	30.4	7.3	37.7	54(note3)	16.3	PK
		H	7236.0	28.0	12.7	40.6	54(note3)	13.4	PK
		V	7236.0	28.2	12.7	40.8	54(note3)	13.2	PK
		H	9648.0	26.3	14.8	41.0	54(note3)	13.0	PK
		V	9648.0	25.6	14.8	40.4	54(note3)	13.6	PK
	6	H	4874.0	33.3	7.4	40.6	54(note3)	13.4	PK
		V	4874.0	36.3	7.4	43.7	54(note3)	10.3	PK
		H	7311.0	28.9	12.5	41.4	54(note3)	12.6	PK
		V	7311.0	29.6	12.5	42.0	54(note3)	12.0	PK
		H	9748.0	26.0	14.8	40.8	54(note3)	13.2	PK
		V	9748.0	26.5	14.8	41.3	54(note3)	12.7	PK
	11	H	4924.0	30.3	7.6	37.9	54(note3)	16.1	PK
		V	4924.0	31.6	7.6	39.2	54(note3)	14.8	PK
		H	7386.0	29.4	12.3	41.7	54(note3)	12.3	PK
		V	7386.0	28.9	12.3	41.2	54(note3)	12.8	PK
		H	9848.0	25.4	15.3	40.6	54(note3)	13.4	PK
		V	9848.0	26.4	15.3	41.6	54(note3)	12.4	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Sectorized antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	30.5	7.3	37.8	54(note3)	16.2	PK
		V	4824.0	30.0	7.3	37.3	54(note3)	16.7	PK
		H	7236.0	28.4	12.7	41.1	54(note3)	12.9	PK
		V	7236.0	27.7	12.7	40.4	54(note3)	13.6	PK
		H	9648.0	26.1	14.8	40.9	54(note3)	13.1	PK
		V	9648.0	26.7	14.8	41.5	54(note3)	12.5	PK
	6	H	4874.0	29.8	7.4	37.2	54(note3)	16.8	PK
		V	4874.0	29.8	7.4	37.1	54(note3)	16.9	PK
		H	7311.0	28.8	12.5	41.2	54(note3)	12.8	PK
		V	7311.0	28.4	12.5	40.9	54(note3)	13.1	PK
		H	9748.0	26.4	14.8	41.2	54(note3)	12.8	PK
		V	9748.0	26.2	14.8	41.0	54(note3)	13.0	PK
	11	H	4924.0	30.7	7.6	38.2	54(note3)	15.8	PK
		V	4924.0	30.8	7.6	38.4	54(note3)	15.6	PK
		H	7386.0	29.0	12.3	41.3	54(note3)	12.7	PK
		V	7386.0	29.0	12.3	41.3	54(note3)	12.7	PK
		H	9848.0	25.1	15.3	40.4	54(note3)	13.6	PK
		V	9848.0	24.7	15.3	39.9	54(note3)	14.1	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Power	:	AC 120V/60Hz
Test Site	:	Mode 4	Test Site	:	AC-5

Dipole Antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0	3	H	4844.0	30.7	7.5	38.3	54(note3)	15.7	PK
		V	4844.0	31.0	7.5	38.5	54(note3)	15.5	PK
		H	7266.0	28.5	12.5	40.9	54(note3)	13.1	PK
		V	7266.0	28.7	12.5	41.2	54(note3)	12.8	PK
		H	9688.0	26.2	14.6	40.8	54(note3)	13.2	PK
		V	9688.0	26.2	14.6	40.8	54(note3)	13.2	PK
	6	H	4874.0	30.2	7.4	37.6	54(note3)	16.4	PK
		V	4874.0	31.0	7.4	38.4	54(note3)	15.6	PK
		H	7311.0	28.6	12.5	41.1	54(note3)	12.9	PK
		V	7311.0	29.2	12.5	41.7	54(note3)	12.3	PK
		H	9748.0	25.9	14.8	40.7	54(note3)	13.3	PK
		V	9748.0	26.2	14.8	41.0	54(note3)	13.0	PK
	9	H	4904.0	30.4	7.6	38.0	54(note3)	16.0	PK
		V	4904.0	30.4	7.6	38.0	54(note3)	16.0	PK
		H	7356.0	29.1	13.0	42.2	54(note3)	11.8	PK
		V	7356.0	28.5	13.0	41.6	54(note3)	12.4	PK
		H	9808.0	25.1	14.9	40.0	54(note3)	14.0	PK
		V	9808.0	25.0	14.9	40.0	54(note3)	14.0	PK

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

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

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

Sectorized antenna:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measured Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0+1	1	H	4844.0	31.1	7.5	38.6	54(note3)	15.4	PK
		V	4844.0	30.2	7.5	37.7	54(note3)	16.3	PK
		H	7266.0	28.5	12.5	40.9	54(note3)	13.1	PK
		V	7266.0	28.5	12.5	41.0	54(note3)	13.0	PK
		H	9688.0	26.5	14.6	41.1	54(note3)	12.9	PK
		V	9688.0	26.7	14.6	41.3	54(note3)	12.7	PK
	6	H	4874.0	29.8	7.4	37.1	54(note3)	16.9	PK
		V	4874.0	30.4	7.4	37.7	54(note3)	16.3	PK
		H	7311.0	28.9	12.5	41.3	54(note3)	12.7	PK
		V	7311.0	28.8	12.5	41.3	54(note3)	12.7	PK
		H	9748.0	27.0	14.8	41.8	54(note3)	12.2	PK
		V	9748.0	26.6	14.8	41.4	54(note3)	12.6	PK
	11	H	4904.0	30.3	7.6	37.9	54(note3)	16.1	PK
		V	4904.0	30.8	7.6	38.5	54(note3)	15.5	PK
		H	7356.0	28.5	13.0	41.6	54(note3)	12.4	PK
		V	7356.0	28.7	13.0	41.8	54(note3)	12.2	PK
		H	9808.0	24.2	14.9	39.2	54(note3)	14.8	PK
		V	9808.0	25.5	14.9	40.4	54(note3)	13.6	PK

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

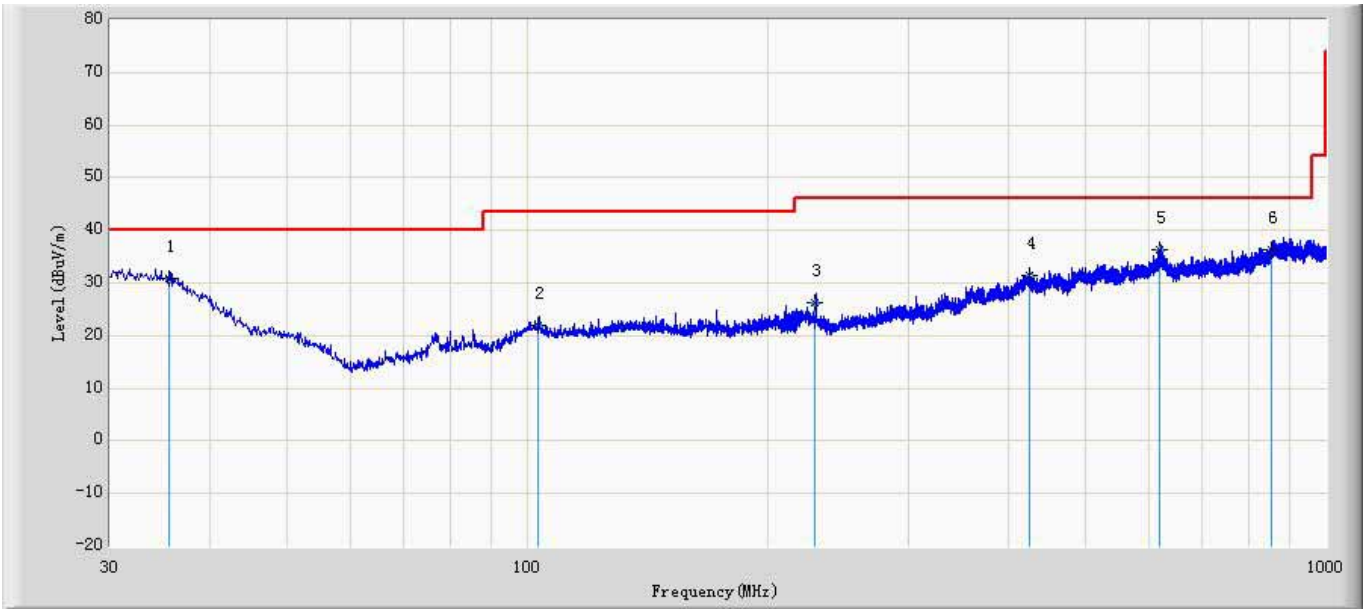
Note: 2. The test frequency range, 9kHz~30MHz, 18GHz~25GHz, both of the worst case are at least 6dB below the limits, therefore no data appear in the report.

Note: 3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Note: 4. The VBW setting, see Clause 6.6.

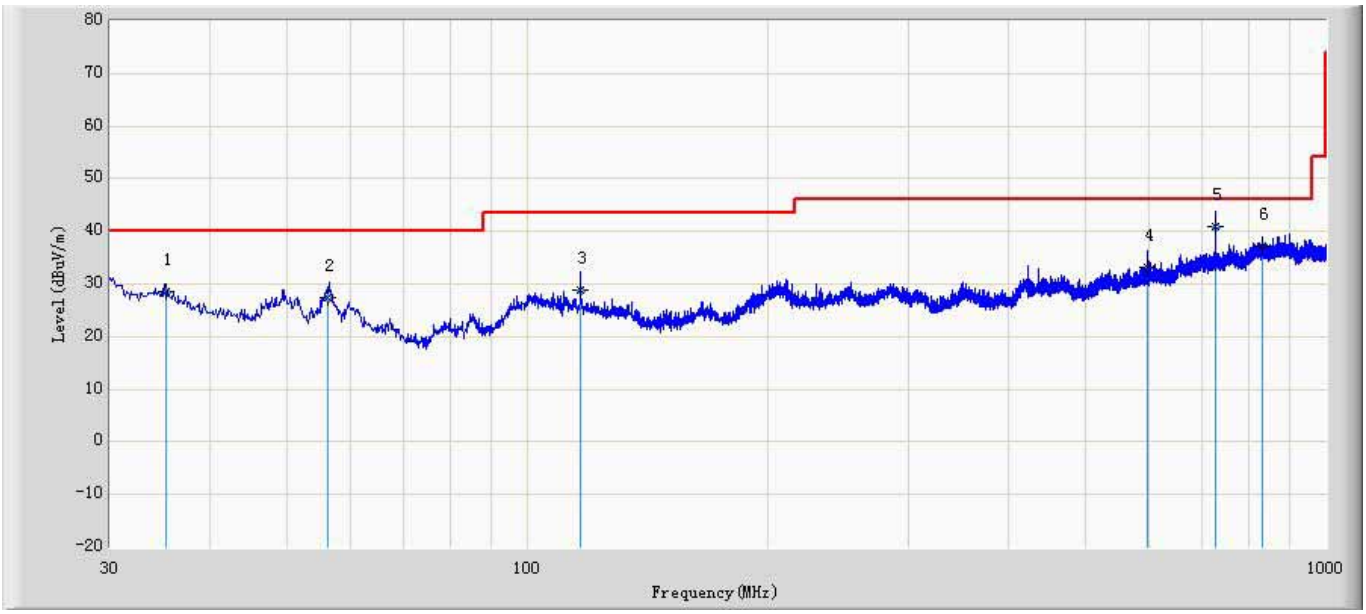
The worst case of Radiated Emission below 1GHz:

Engineer: Scott	
Site: AC3	Time: 2016/05/21
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CB7_CBL6112_0726	Polarity: Horizontal
EUT: 2.4GHz 300Mbps Outdoor Wireless Base Station	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	35.620	30.829	37.819	-9.171	40.000	15.540	0.648	23.178	200	3	QP
2		103.250	21.892	32.527	-21.608	43.500	11.425	1.100	23.160	200	122	QP
3		229.250	26.329	37.738	-19.671	46.000	10.225	1.630	23.264	100	165	QP
4		425.250	31.336	35.466	-14.664	46.000	16.505	2.270	22.905	100	12	QP
5		620.250	36.307	37.172	-9.693	46.000	19.000	2.730	22.595	200	12	QP
6		856.250	36.444	35.361	-9.556	46.000	20.413	3.220	22.550	100	285	QP

Engineer: Scott	
Site: AC3	Time: 2016/05/21
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CB7_CBL6112_0726	Polarity: Vertical
EUT: 2.4GHz 300Mbps Outdoor Wireless Base Station	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		35.250	28.630	35.405	-11.370	40.000	15.755	0.644	23.174	100	1	QP
2		56.260	27.393	42.476	-12.607	40.000	7.136	0.811	23.030	200	32	QP
3		116.250	28.907	38.517	-14.593	43.500	12.350	1.160	23.120	100	2	QP
4		597.260	33.136	34.256	-12.864	46.000	19.000	2.670	22.790	300	12	QP
5	*	728.250	40.841	41.033	-5.159	46.000	19.408	2.990	22.590	100	2	QP
6		833.260	37.058	36.062	-8.942	46.000	20.266	3.180	22.450	200	2	QP

5. Emissions in non-restricted frequency bands

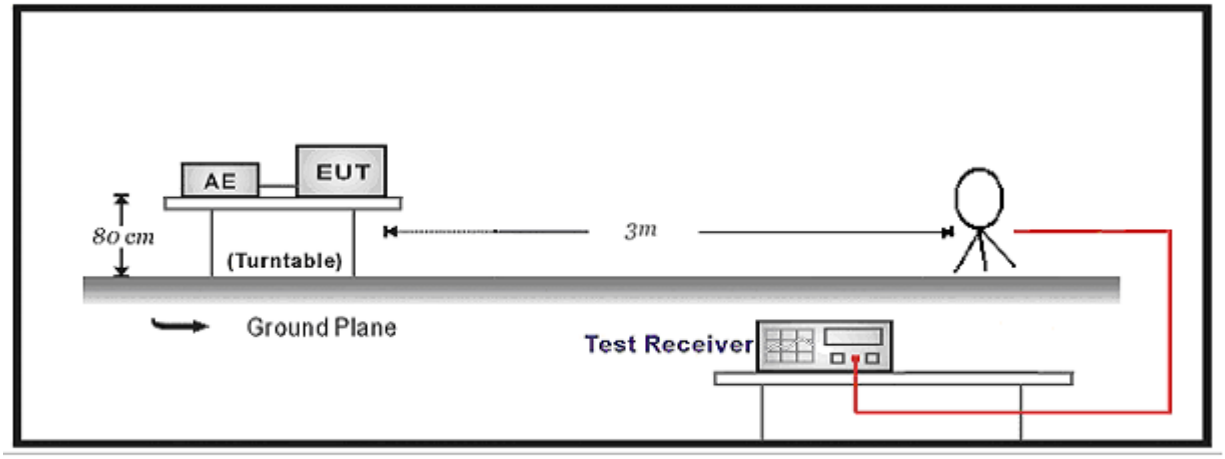
5.1. Test Equipment

Radiated Emission(Below 1GHz) / AC-2					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2016.03.29	2017.03.28
Loop Antenna	R&S	HFH2-Z2	833799/003	2015.11.16	2016.11.17
Bilog Chainenna	Teseq GmbH	CBL6112D	27611	2015.10.16	2016.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2016.03.02	2017.03.01
Temperature/Humidity Meter	Zhichen	ZC1-2	AC2-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

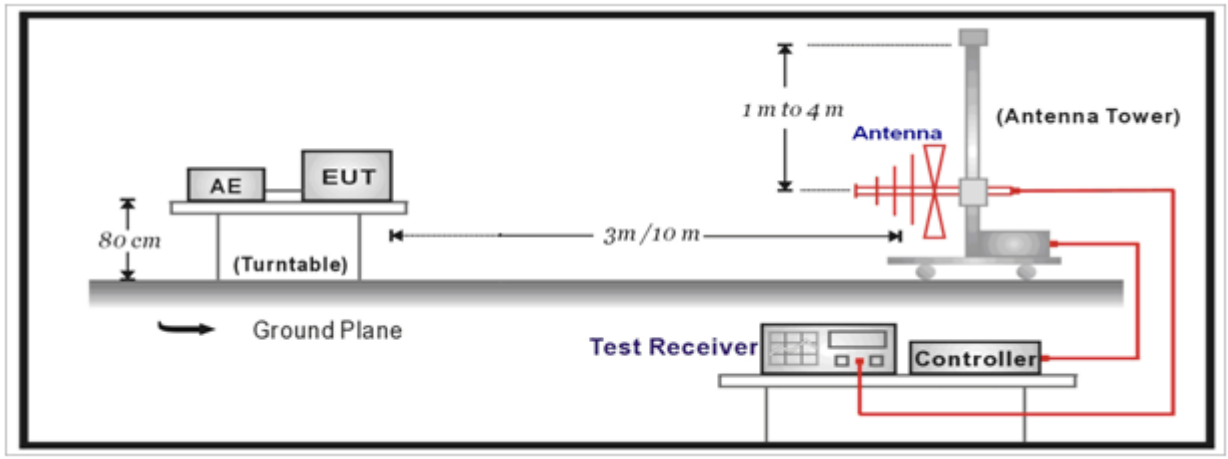
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100159	2016.03.29	2017.03.28
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2016.05.06	2017.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2016.01.22	2017.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2015.11.25	2016.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2016.03.02	2017.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2015.06.10	2016.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup

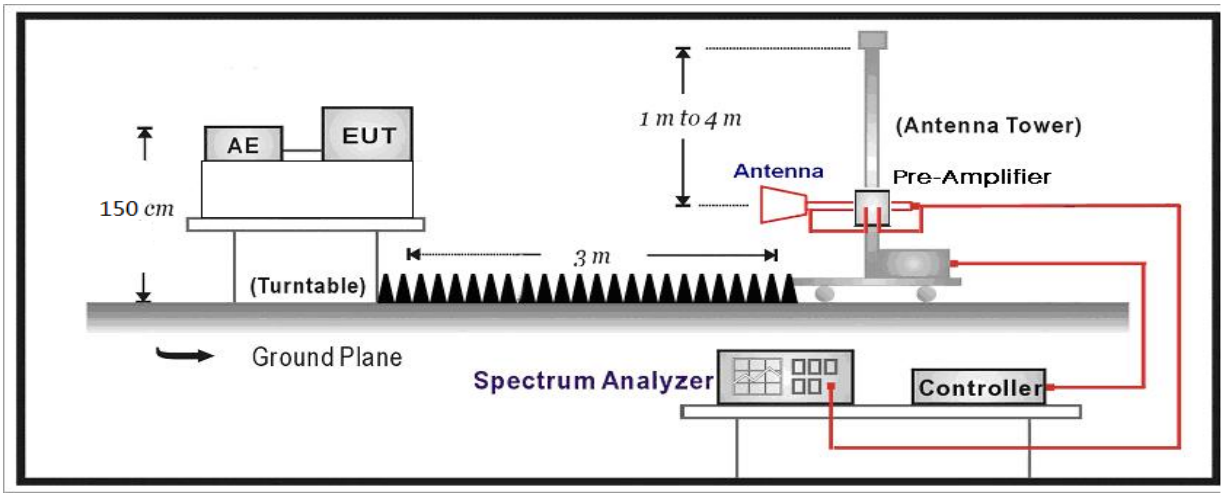
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



5.3. Limit

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

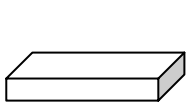
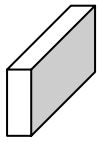
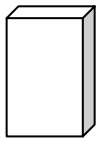
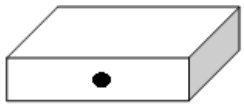
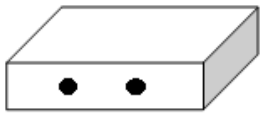
Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

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

5.4. Test Procedure

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

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Emissions in non-restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1 ~ Mode 7</td></tr>
<tr><td rowspan="11">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 0</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 0</td><td colspan="2">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 0</td><td>Chain 1</td><td>Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

5.6. Test Result

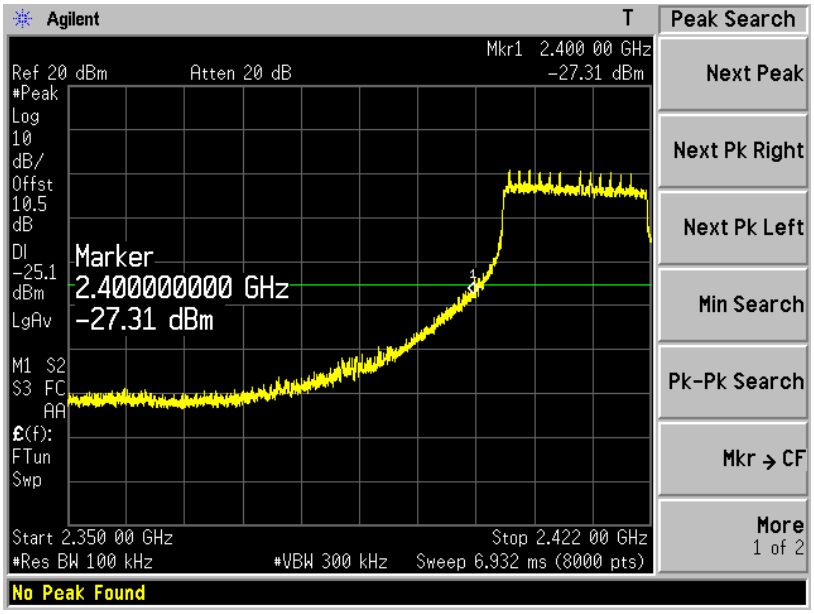
Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Test Power	:	AC 120V/60Hz
Test Site	:	TR8			

Dipole Antenna

Mode	Channel	Test Frequency (MHz)	In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
1	01	2412	13.50	2397.97	-32.87	46.37	>30	Pass
1	11	2462	13.50	2500.00	-53.10	66.60	>30	Pass
2	01	2412	12.00	2400.00	-25.19	37.19	>30	Pass
2	11	2462	12.00	2500.00	-53.40	65.40	>30	Pass
3	01	2412	12.30	2400.00	-26.01	38.31	>30	Pass
3	11	2462	12.30	2500.00	-53.09	65.39	>30	Pass
4	03	2422	4.90	2400.00	-27.31	32.21	>30	Pass
4	09	2452	4.90	2500.00	-54.25	59.15	>30	Pass

Note: The worst case of emissions in non-restricted frequency bands as below:

Mode 4 CH03(2422MHz)

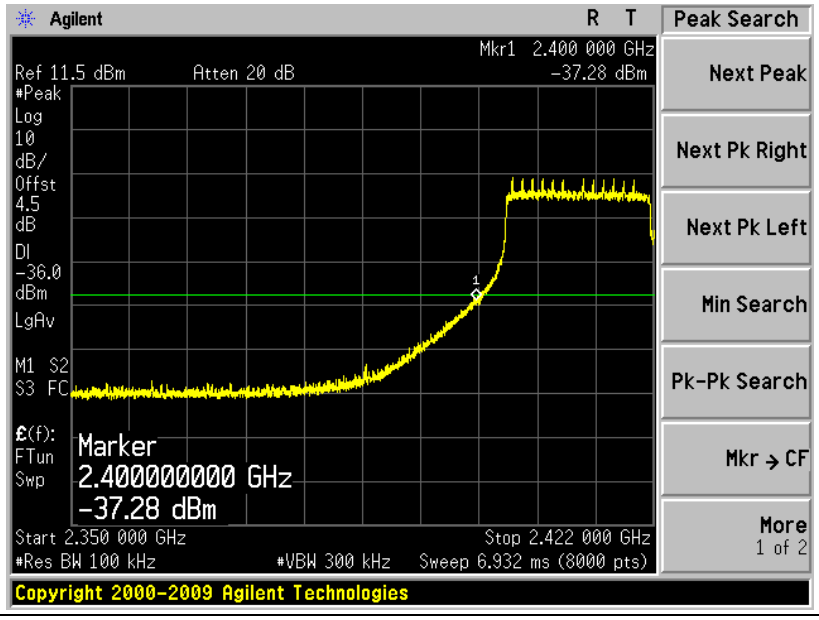


Sectorized antenna

Mode	Channel	Test Frequency (MHz)	In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
1	01	2412	2.90	2400.00	-50.40	53.30	>30	Pass
1	11	2462	2.90	2499.98	-51.79	54.69	>30	Pass
2	01	2412	-2.20	2400.00	-34.24	32.04	>30	Pass
2	11	2462	-2.20	2500.00	-53.63	51.43	>30	Pass
3	01	2412	-1.90	2400.00	-32.09	30.19	>30	Pass
3	11	2462	-1.90	2500.00	-53.34	51.44	>30	Pass
4	03	2422	-6.00	2400.00	-37.28	31.28	>30	Pass
4	09	2452	-6.00	2500.00	-57.44	51.44	>30	Pass

Note: The worst case of emissions in non-restricted frequency bands as below:

Mode 4 CH03(2422MHz)

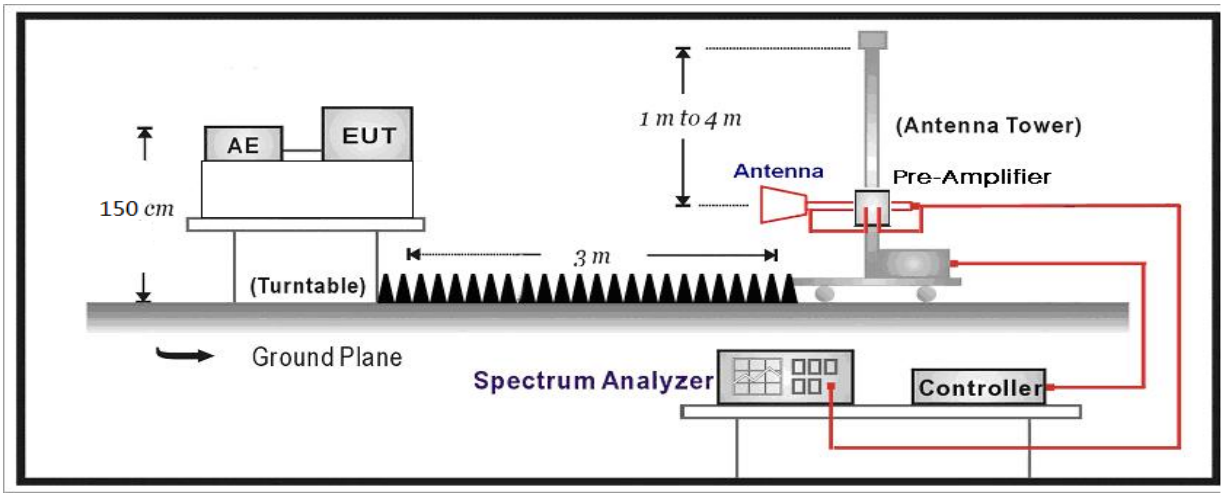


6. Radiated Emission Band Edge

6.1. Test Equipment

Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
Preamplifier	QuieTek	AP-040G	CHM-0906001	2016.05.06	2017.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2016.01.22	2017.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2015.11.25	2016.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2016.03.02	2017.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2016.03.02	2017.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2015.06.10	2016.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2016.01.04	2017.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup

Above 1GHz Test Setup:


6.3. Limit

Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390 2483.5-2500	PK	74	1	3
	AV	54	1	3
Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.				

6.4. Test Procedure

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

6.5. EUT test definition

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<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="12">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
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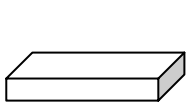
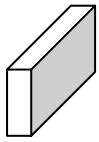
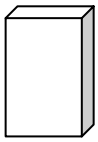
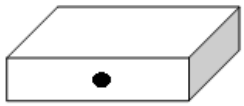
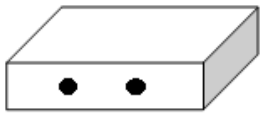
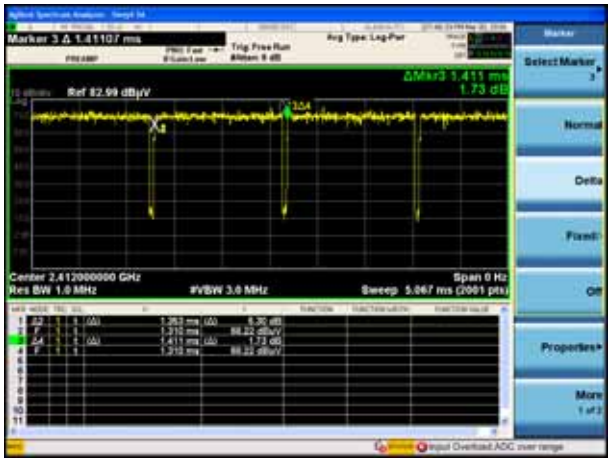
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☒</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 0</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 0</td><td colspan="2">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 0</td><td>Chain 1</td><td>Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

6.6. Duty Cycle

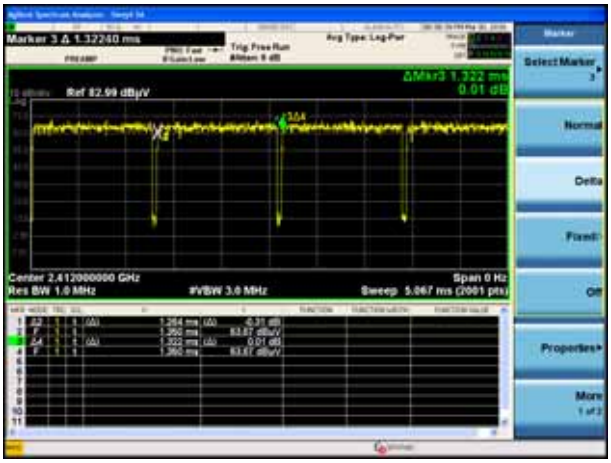
Test Mode	Tx On (ms)	Tx Off (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
802.11b	8.200	0.050	122Hz	8.250	99.39%
802.11g	1.353	0.058	739Hz	1.411	95.89%
802.11n(20MHz)	1.264	0.058	791Hz	1.322	95.61%
802.11n(40MHz)	0.9324	0.1096	1.073kHz	1.042	89.48%

802.11b

802.11g



802.11n(20MHz)

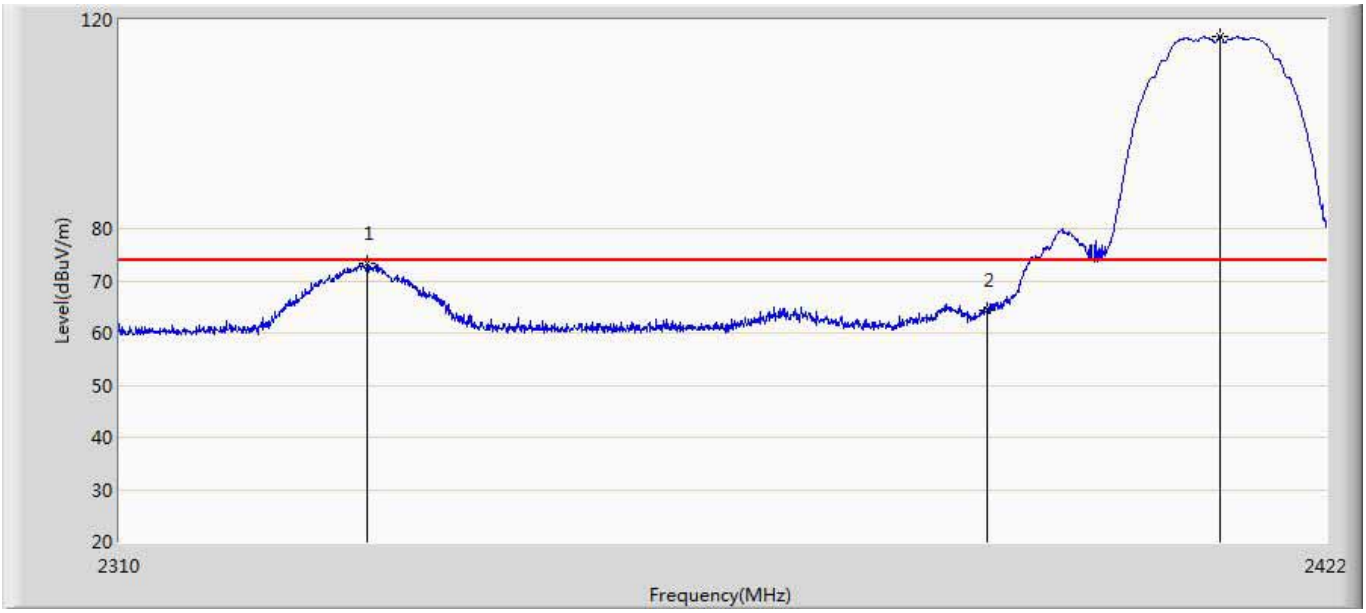


802.11n(40MHz)

6.7. Test Result

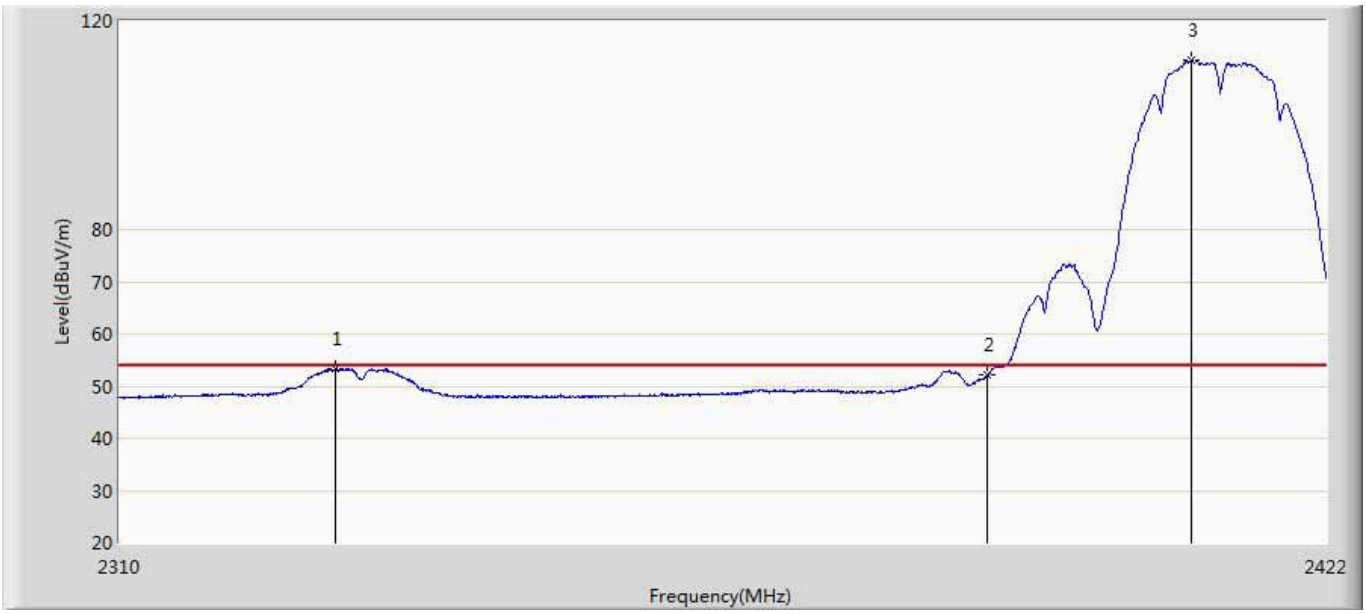
Dipole Antenna:

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 18:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2412	



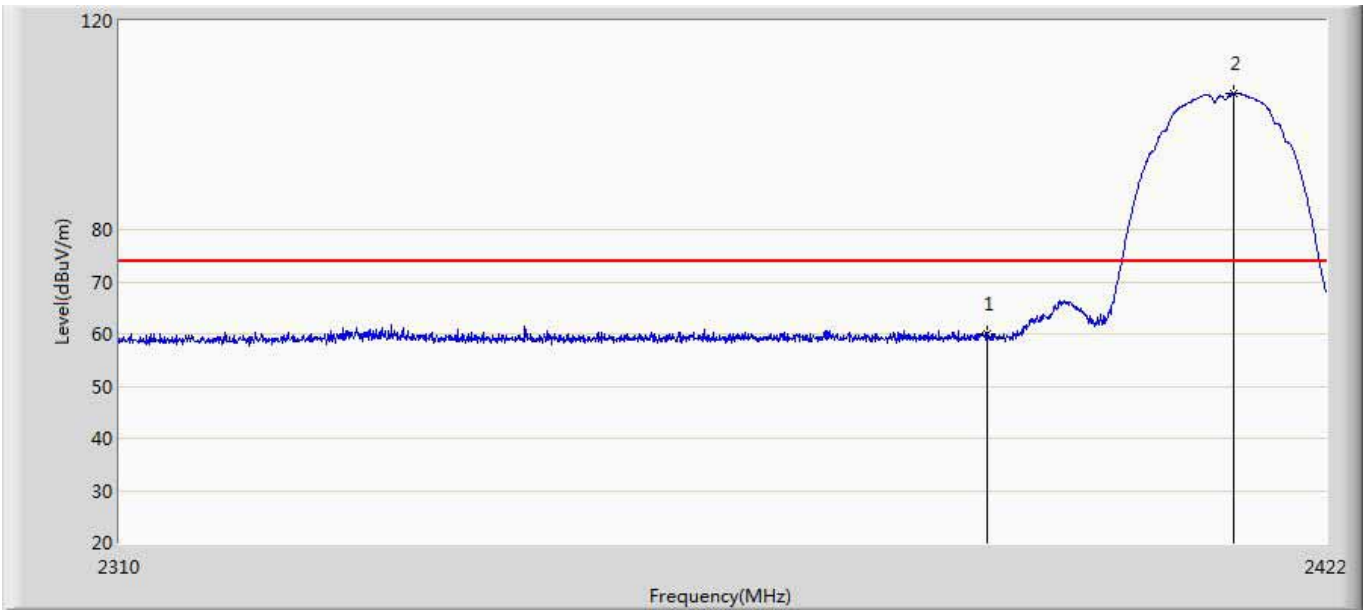
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2332.568	73.272	35.530	-0.728	74.000	37.742	PK
2		2390.000	64.363	26.500	-9.637	74.000	37.863	PK
3	*	2411.920	116.863	79.026	42.863	74.000	37.837	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 18:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2412	



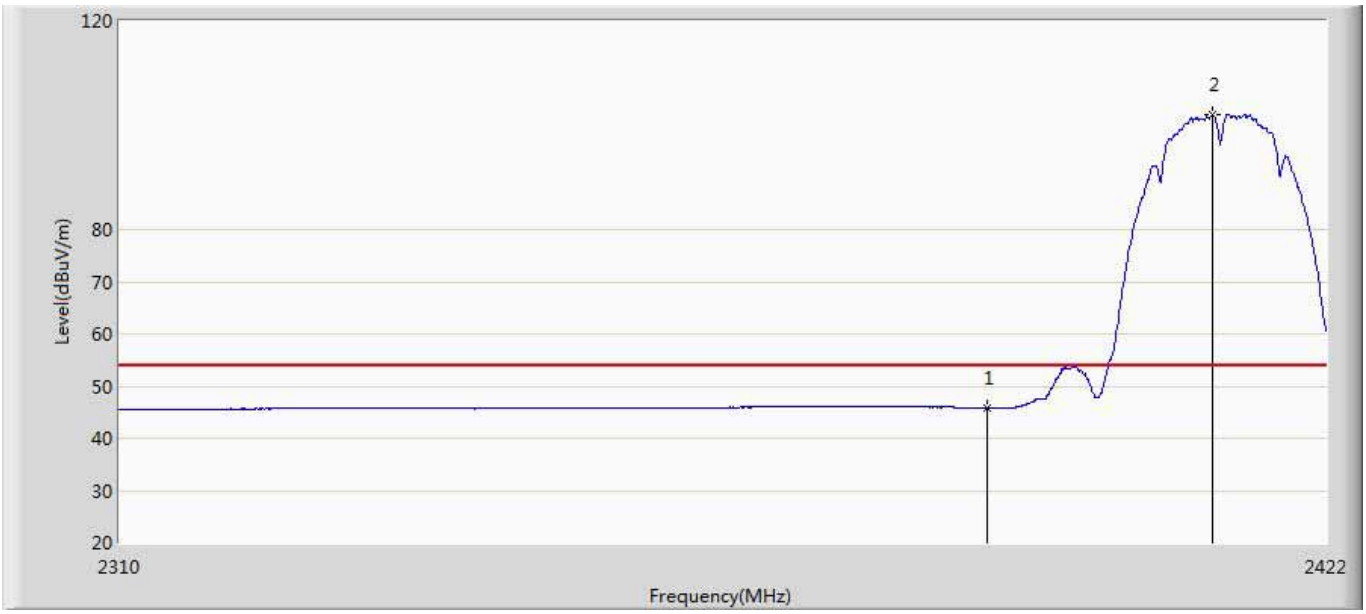
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2329.656	53.398	15.657	-0.602	54.000	37.741	AV
2		2390.000	52.080	14.217	-1.920	54.000	37.863	AV
3	*	2409.288	112.392	74.559	58.392	54.000	37.833	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2412	



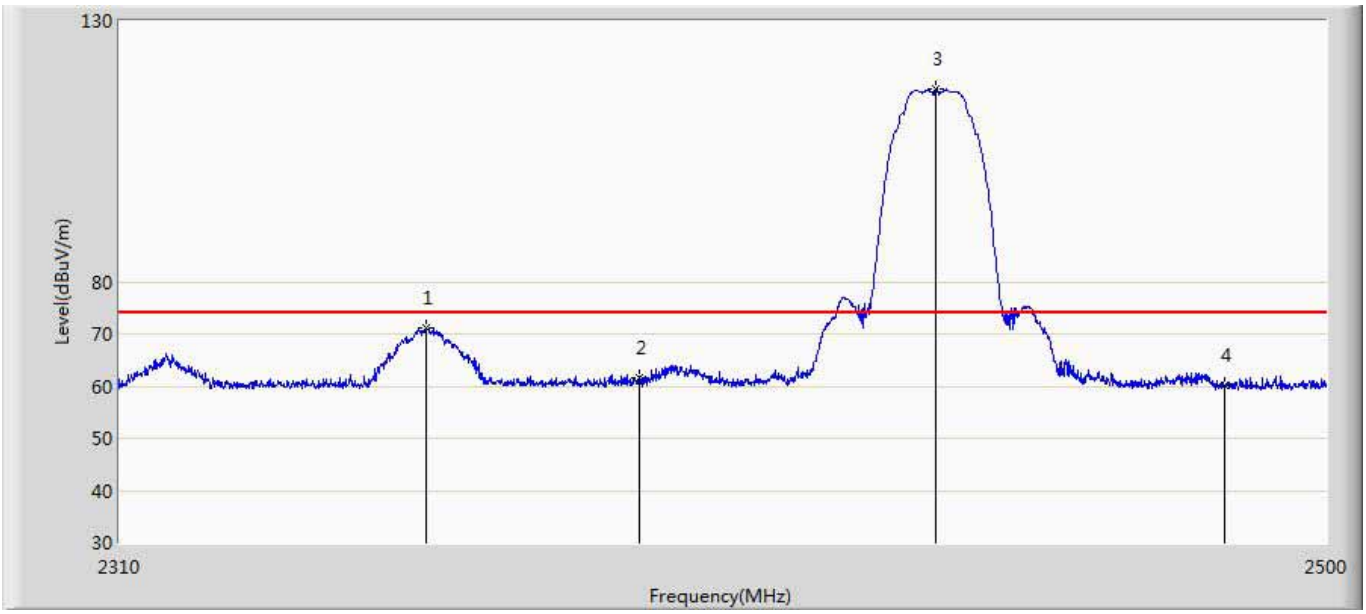
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.989	22.126	-14.011	74.000	37.863	PK
2	*	2413.320	106.187	68.342	32.187	74.000	37.845	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2412	



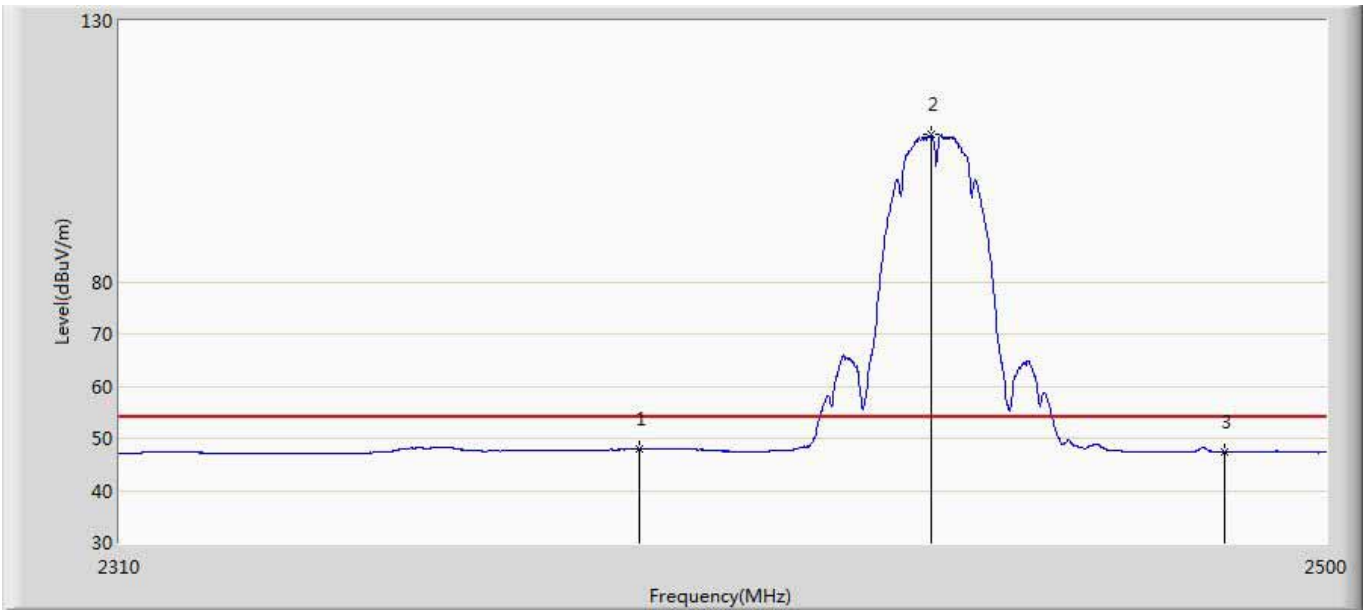
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.924	8.061	-8.076	54.000	37.863	AV
2	*	2411.248	102.155	64.322	48.155	54.000	37.832	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2437	



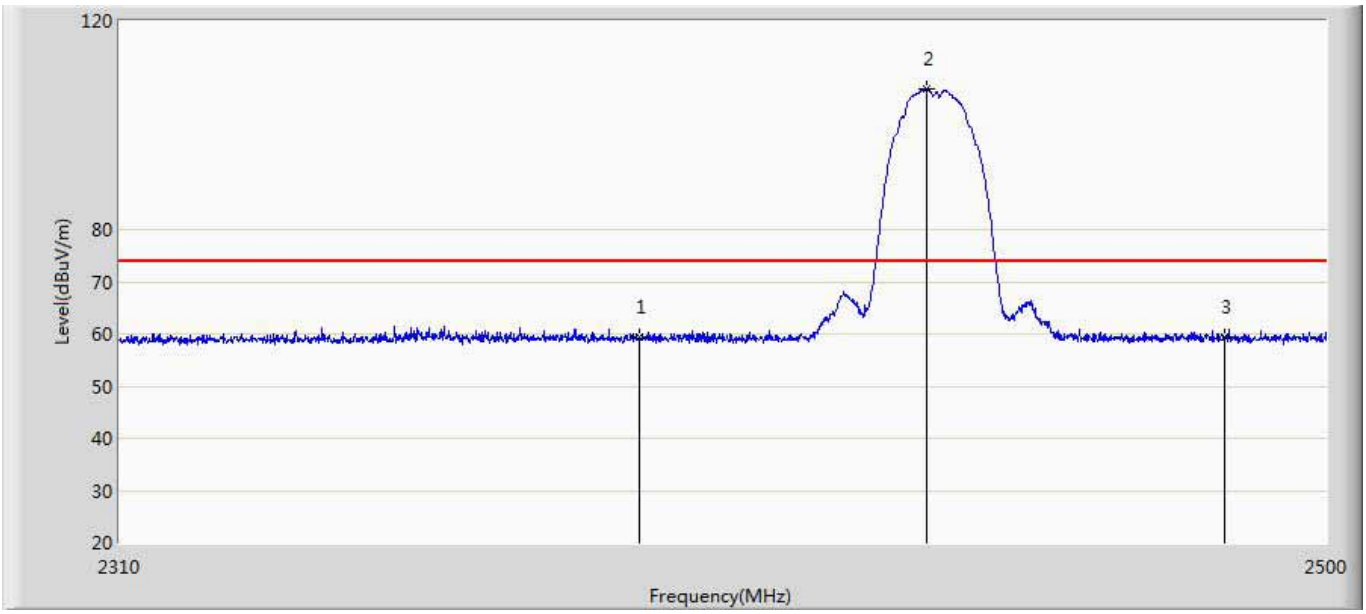
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2356.930	71.101	33.298	-2.899	74.000	37.803	PK
2		2390.000	61.550	23.687	-12.450	74.000	37.863	PK
3	*	2437.015	117.044	79.109	43.044	74.000	37.935	PK
4		2483.500	60.144	22.106	-13.856	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2437	



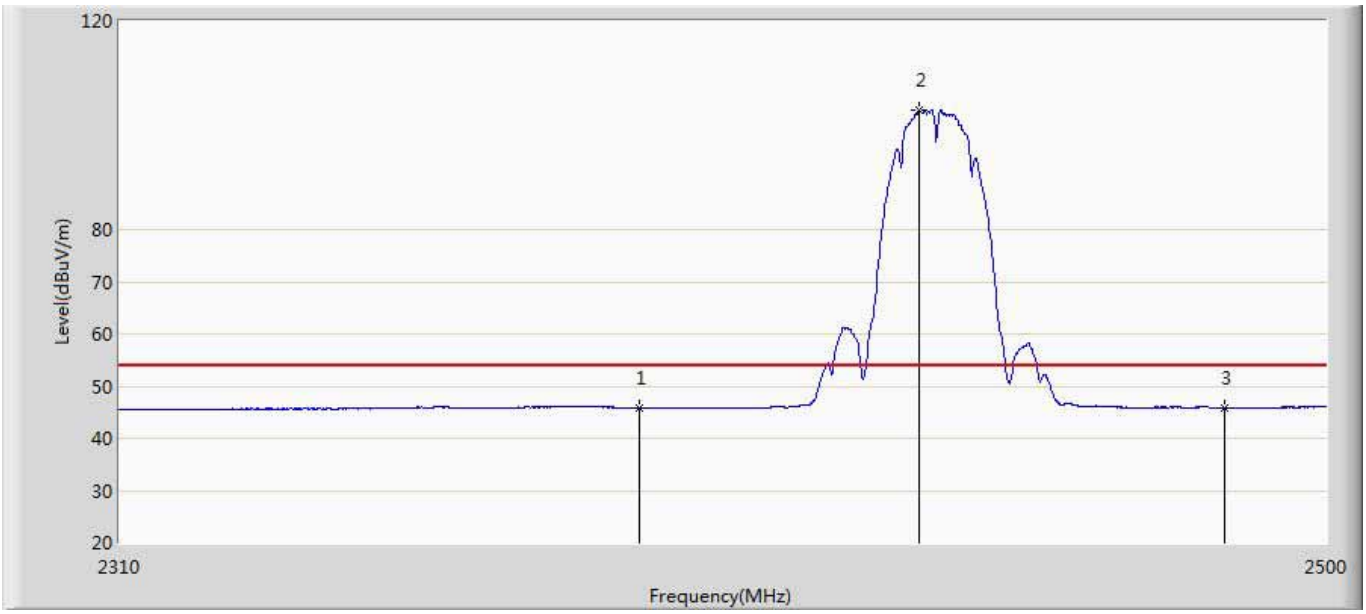
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	47.871	10.008	-6.129	54.000	37.863	AV
2	*	2436.255	108.257	70.322	54.257	54.000	37.935	AV
3		2483.500	47.504	9.466	-6.496	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2437	



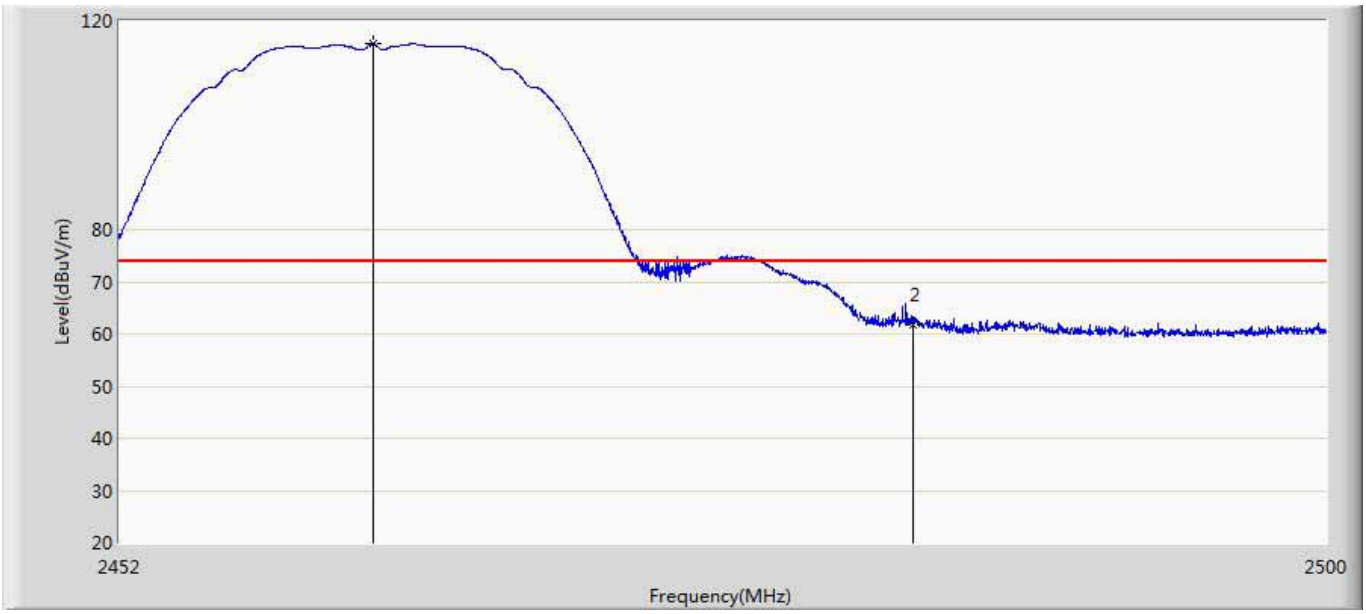
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.396	21.533	-14.604	74.000	37.863	PK
2	*	2435.495	107.063	69.129	33.063	74.000	37.934	PK
3		2483.500	59.287	21.249	-14.713	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2437	



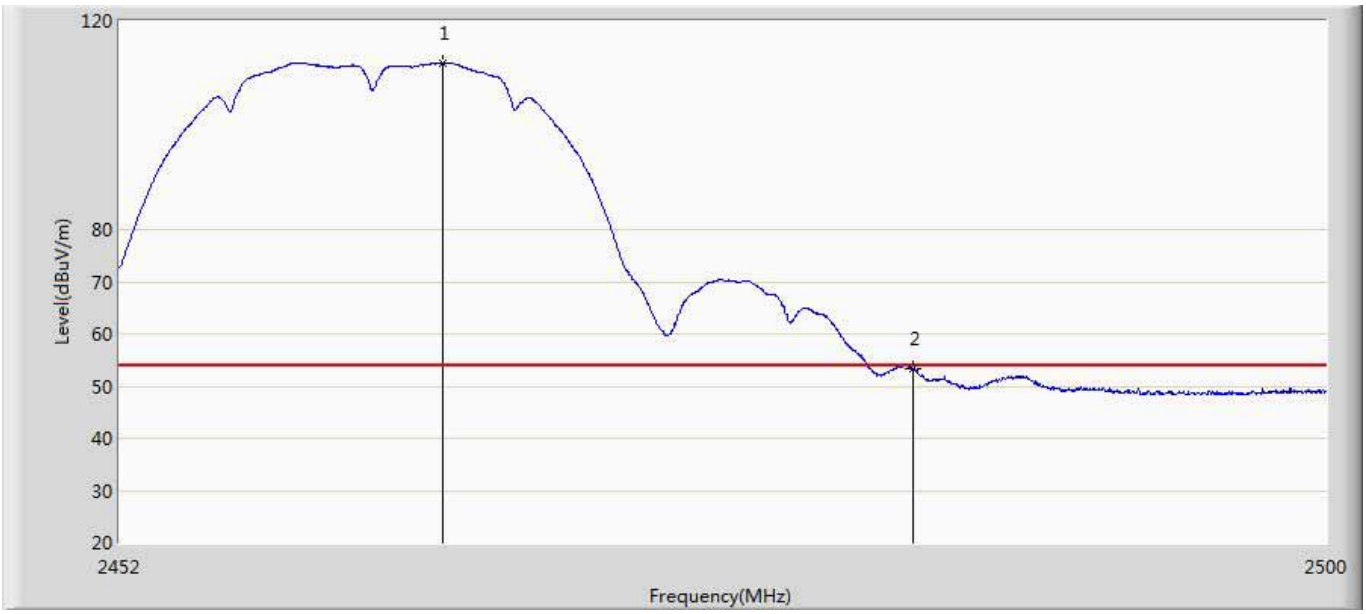
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.904	8.041	-8.096	54.000	37.863	AV
2	*	2434.165	102.777	64.844	48.777	54.000	37.933	AV
3		2483.500	45.881	7.843	-8.119	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2462	



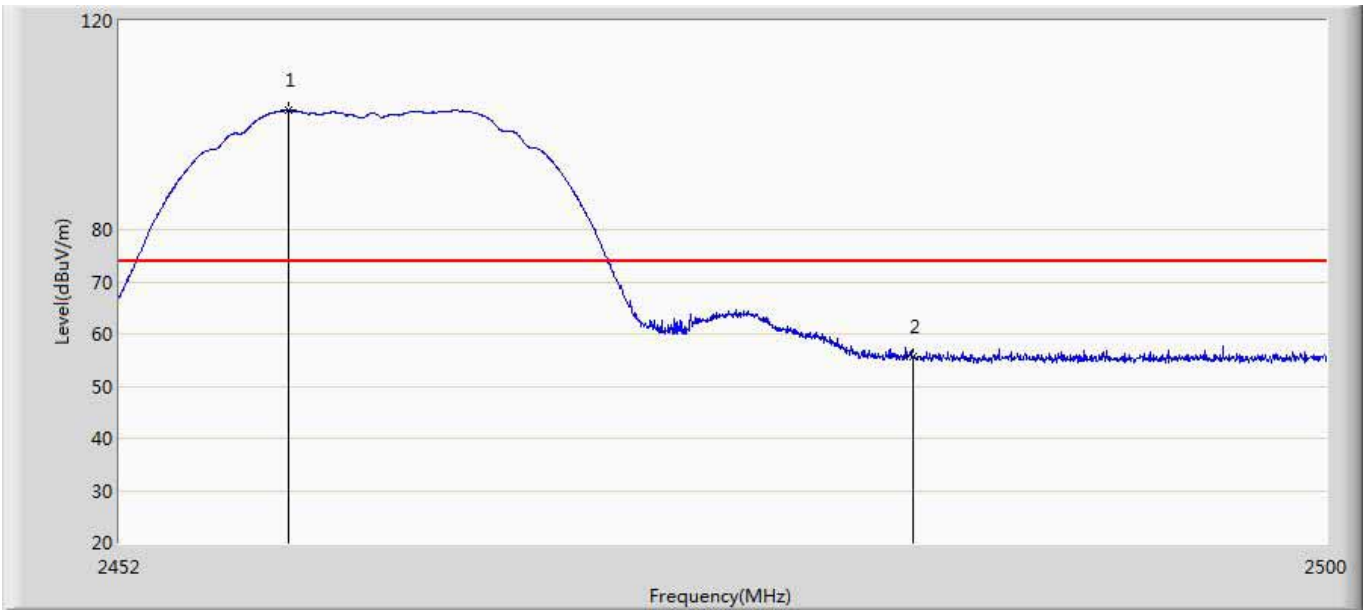
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.032	115.707	77.700	41.707	74.000	38.007	PK
2		2483.500	61.872	23.834	-12.128	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2462	



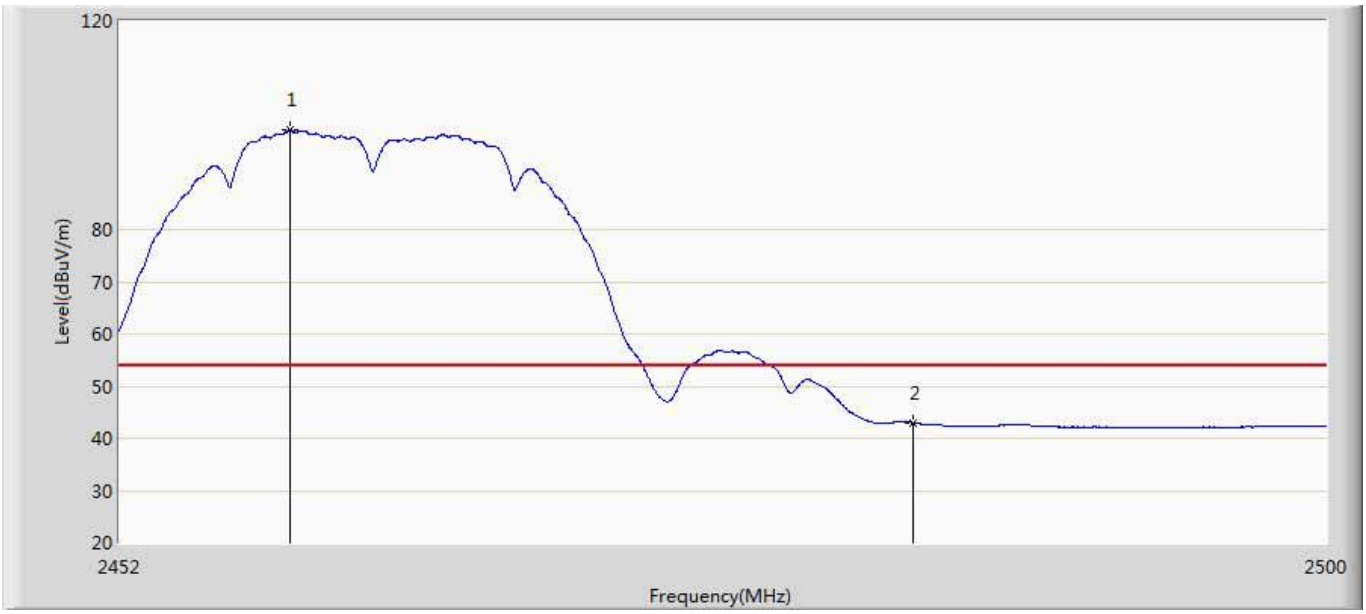
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.792	111.893	73.886	57.893	54.000	38.007	AV
2		2483.500	53.439	15.401	-0.561	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2462	



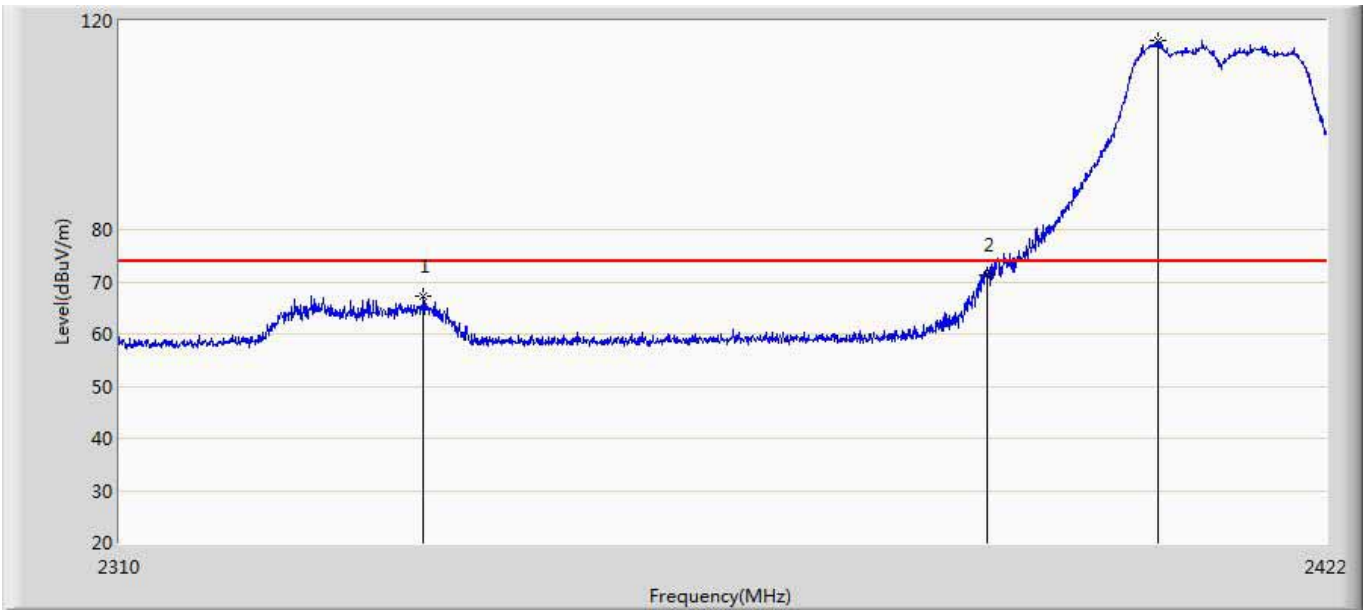
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2458.672	102.797	64.803	28.797	74.000	37.994	PK
2		2483.500	55.699	17.661	-18.301	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 19:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b CH2462	



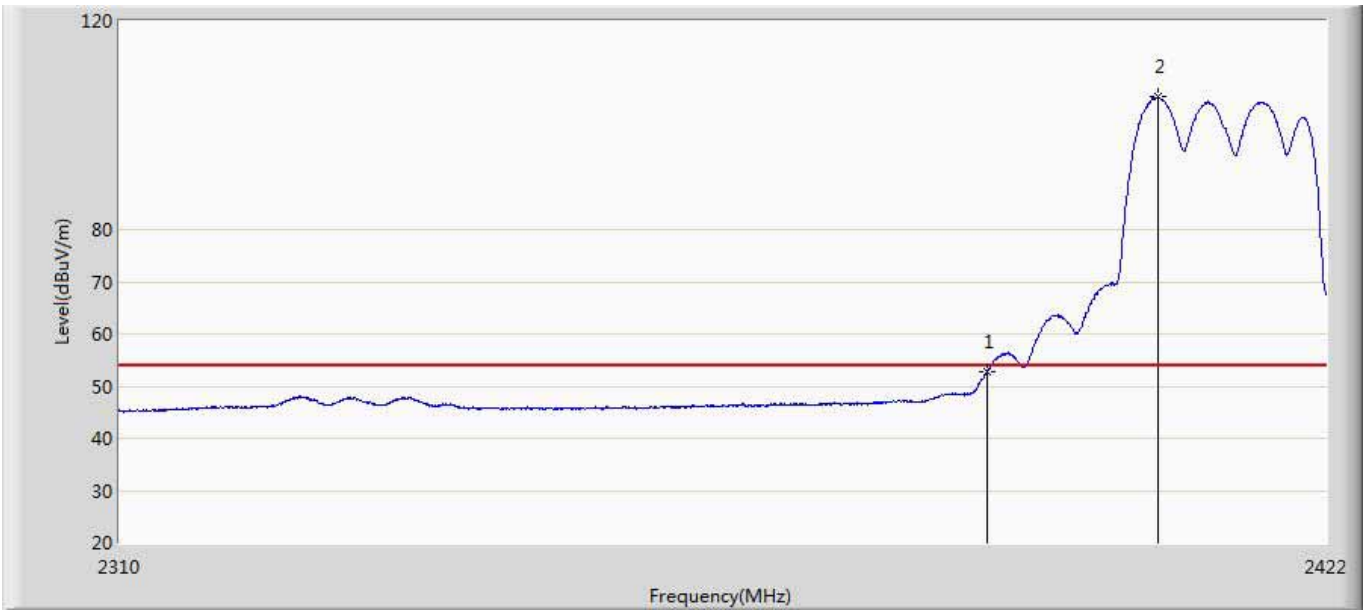
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2458.744	99.076	61.081	45.076	54.000	37.994	AV
2		2483.500	42.991	4.953	-11.009	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2412	



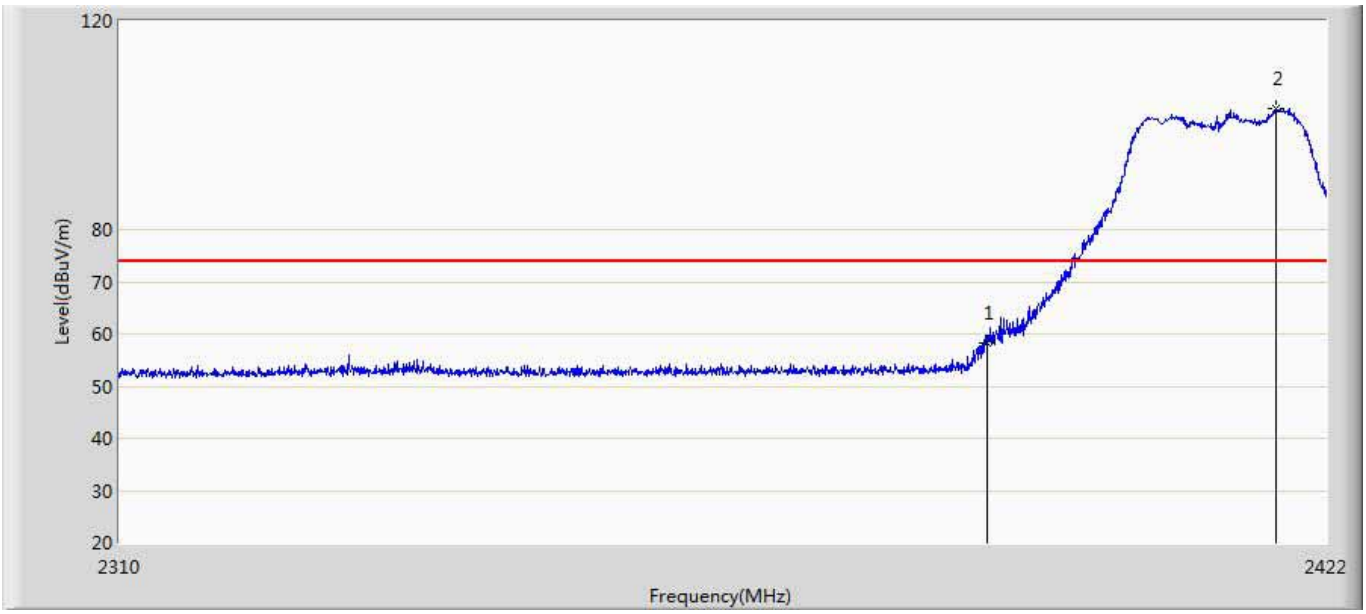
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2337.720	67.378	29.635	-6.622	74.000	37.743	PK
2		2390.000	71.372	33.509	-2.628	74.000	37.863	PK
3	*	2406.040	116.334	78.498	42.334	74.000	37.836	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2412	



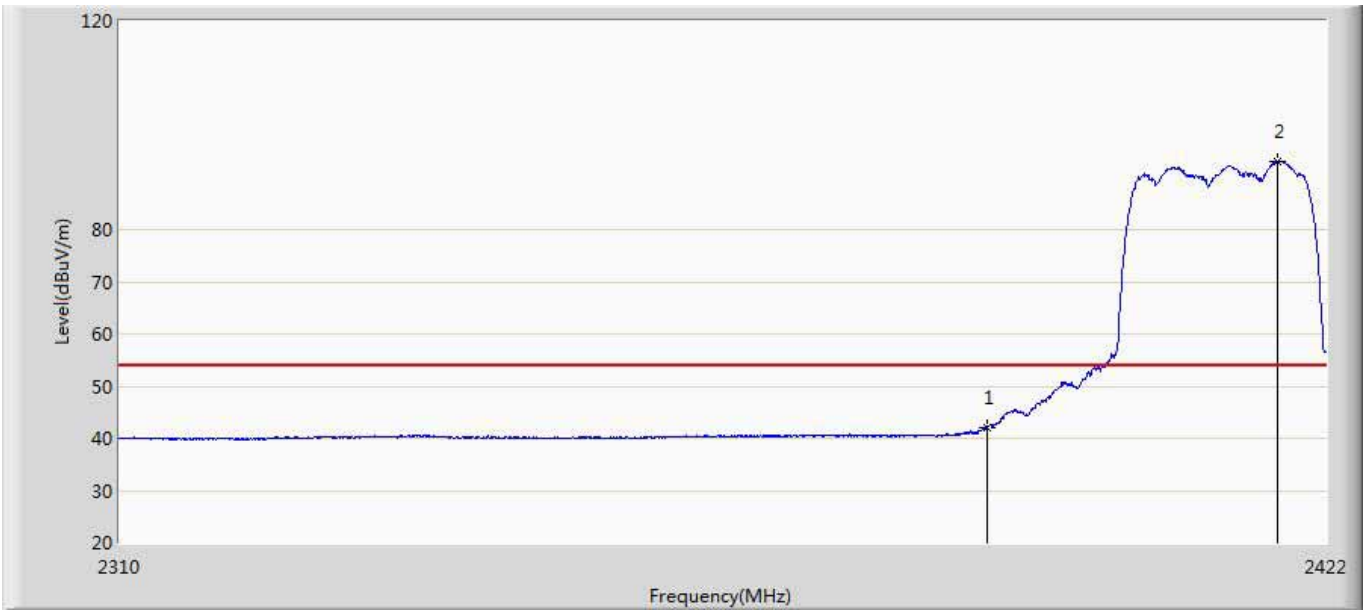
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.701	14.838	-1.299	54.000	37.863	AV
2	*	2406.096	105.373	67.537	51.373	54.000	37.836	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2412	



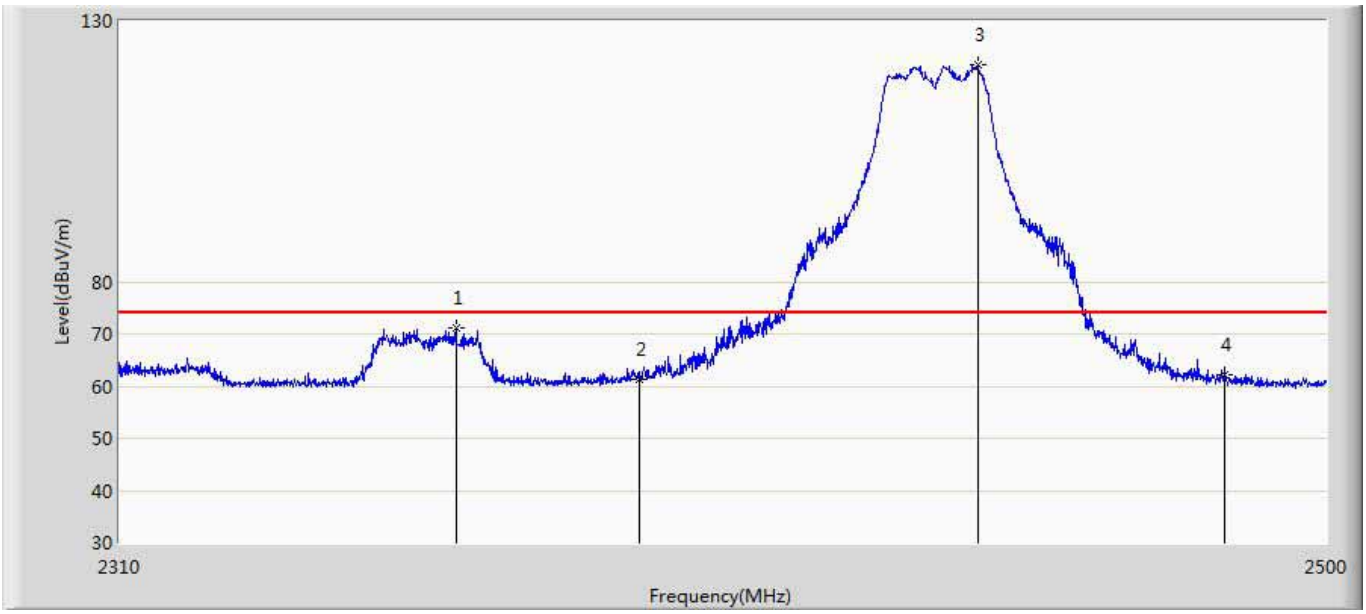
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	58.259	20.396	-15.741	74.000	37.863	PK
2	*	2417.296	103.187	65.319	29.187	74.000	37.868	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2412	



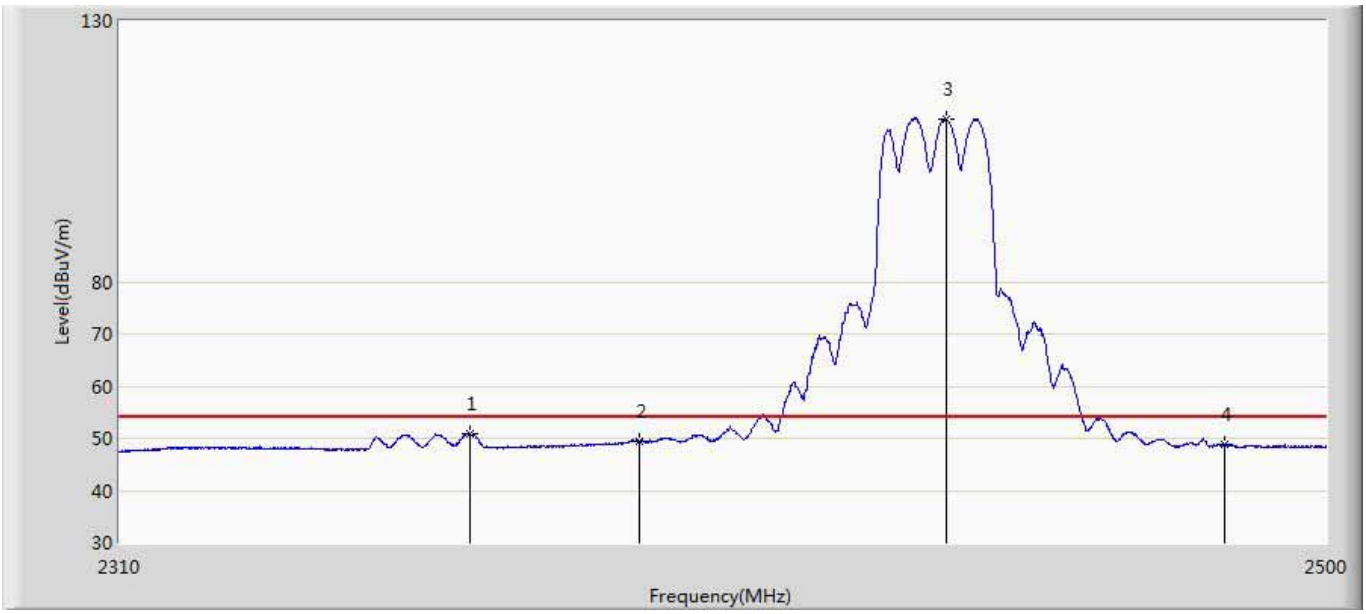
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	41.967	4.104	-12.033	54.000	37.863	AV
2	*	2417.464	92.980	55.111	38.980	54.000	37.869	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2437	



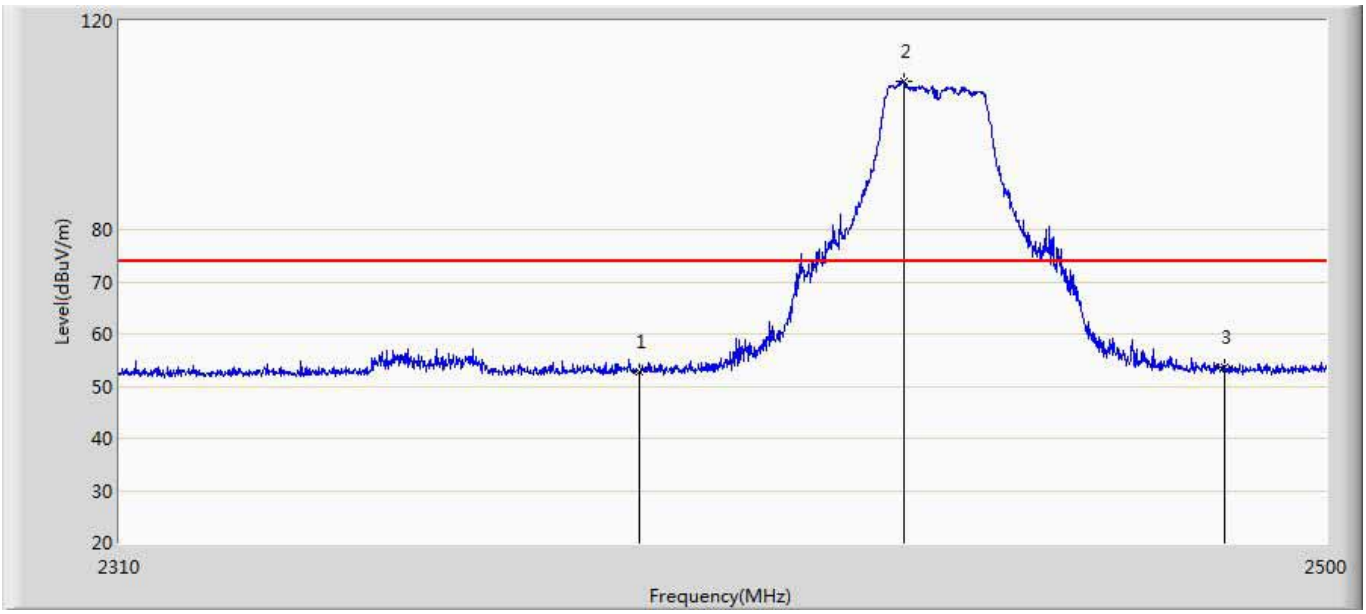
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2361.490	71.130	33.306	-2.870	74.000	37.825	PK
2		2390.000	61.379	23.516	-12.621	74.000	37.863	PK
3	*	2443.570	121.487	83.548	47.487	74.000	37.939	PK
4		2483.500	62.203	24.165	-11.797	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2437	



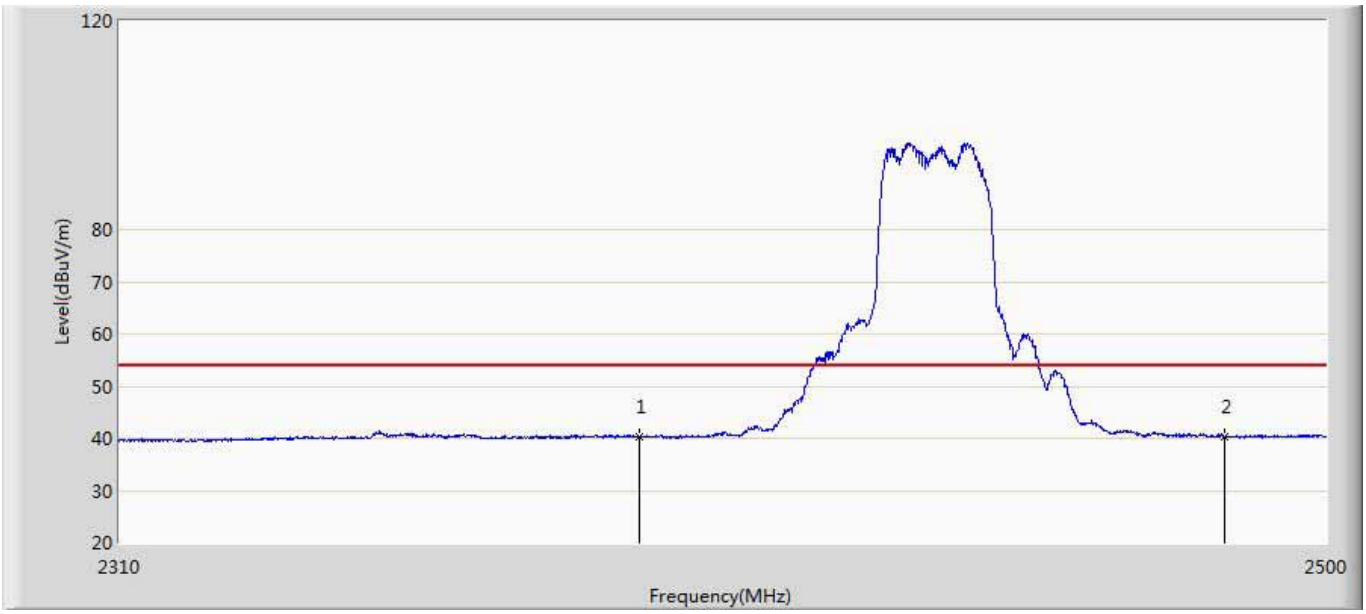
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2363.675	50.987	13.150	-3.013	54.000	37.836	AV
2		2390.000	49.518	11.655	-4.482	54.000	37.863	AV
3	*	2438.535	111.267	73.331	57.267	54.000	37.936	AV
4		2483.500	48.820	10.782	-5.180	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2437	



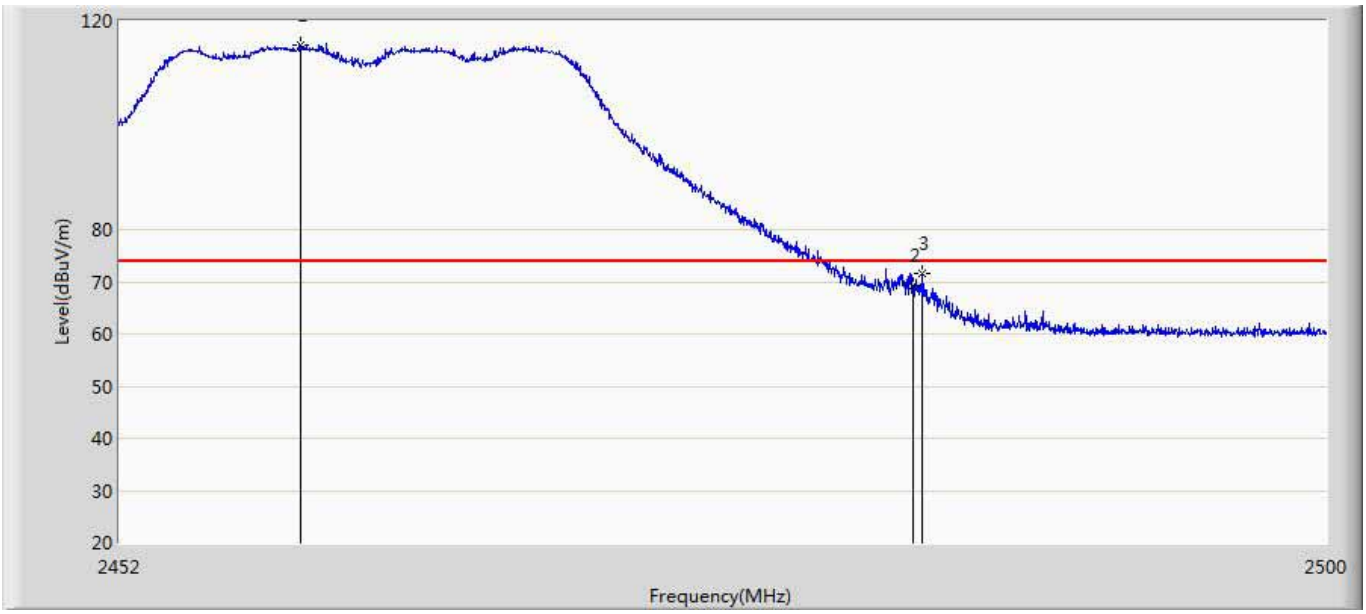
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.759	14.896	-21.241	74.000	37.863	PK
2	*	2431.885	108.479	70.547	34.479	74.000	37.932	PK
3		2483.500	53.726	15.688	-20.274	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2437	



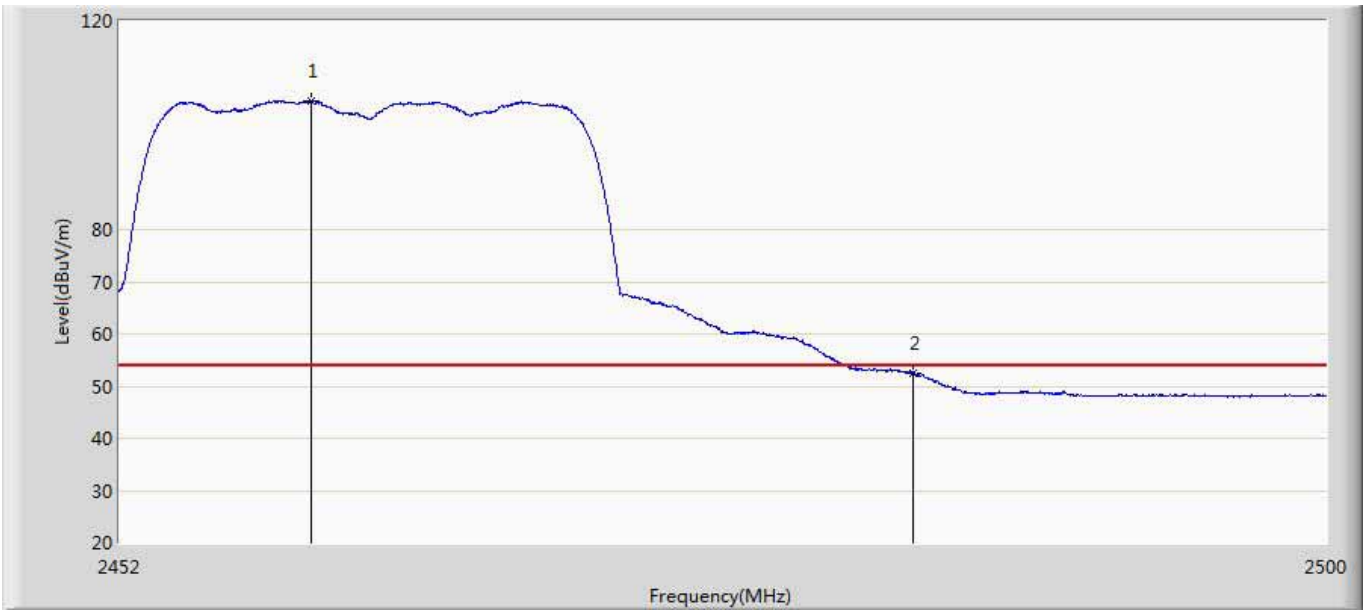
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	40.344	2.481	-13.656	54.000	37.863	AV
2		2483.500	40.252	2.214	-13.748	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2462	



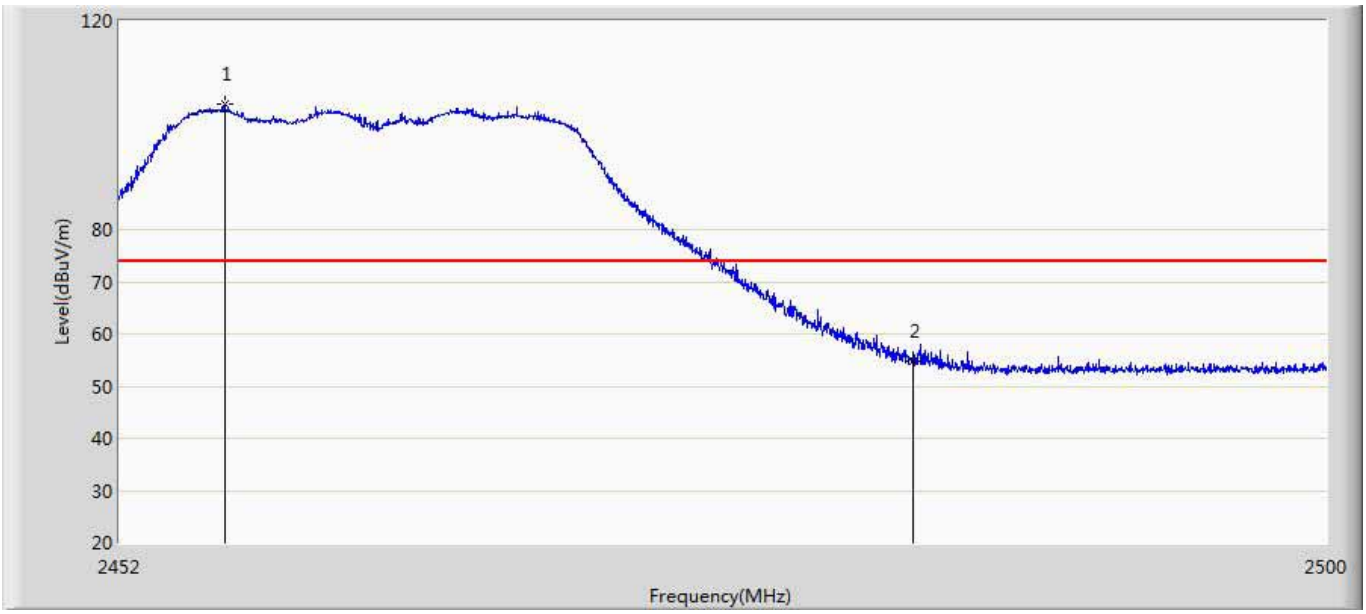
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.176	115.245	77.249	41.245	74.000	37.997	PK
2		2483.500	69.334	31.296	-4.666	74.000	38.038	PK
3		2483.848	71.481	33.441	-2.519	74.000	38.041	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2462	



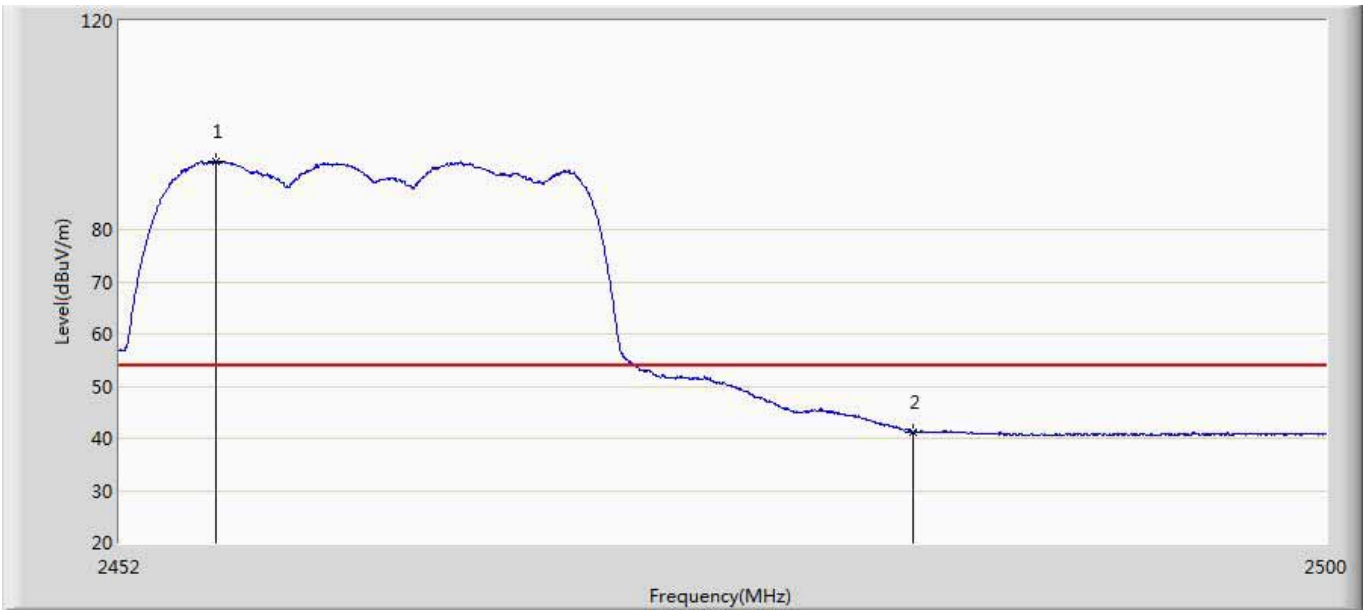
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.584	104.718	66.720	50.718	54.000	37.998	AV
2		2483.500	52.596	14.558	-1.404	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2462	



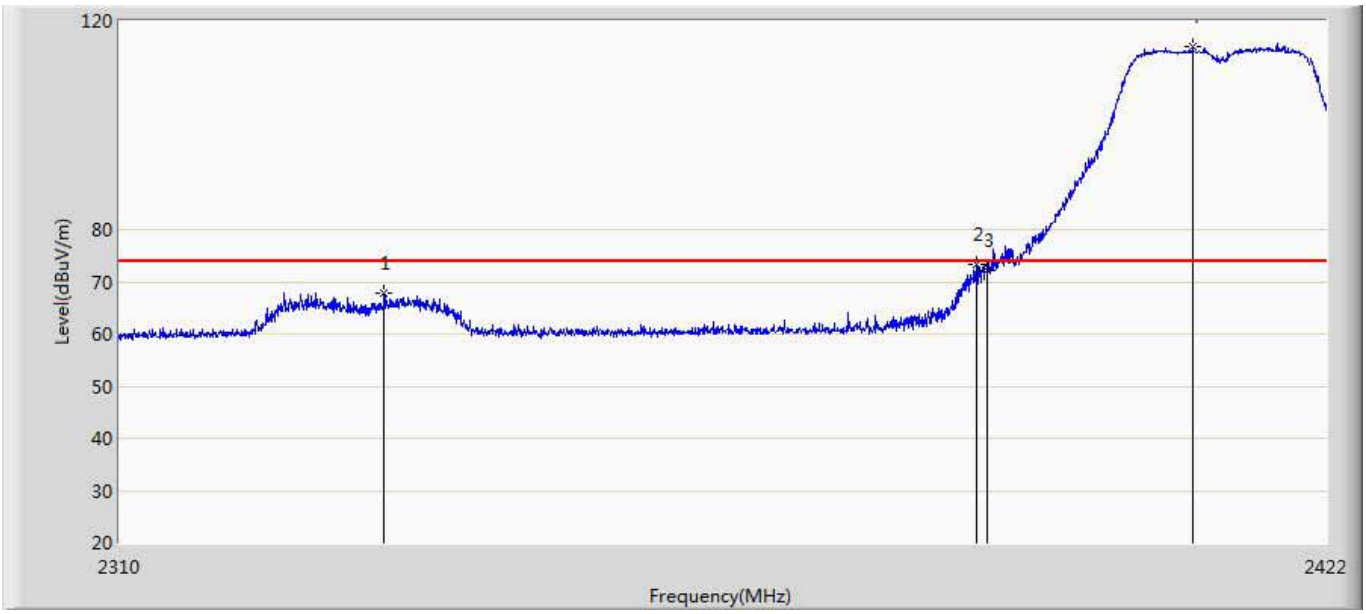
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.176	103.993	66.009	29.993	74.000	37.984	PK
2		2483.500	54.848	16.810	-19.152	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g CH2462	



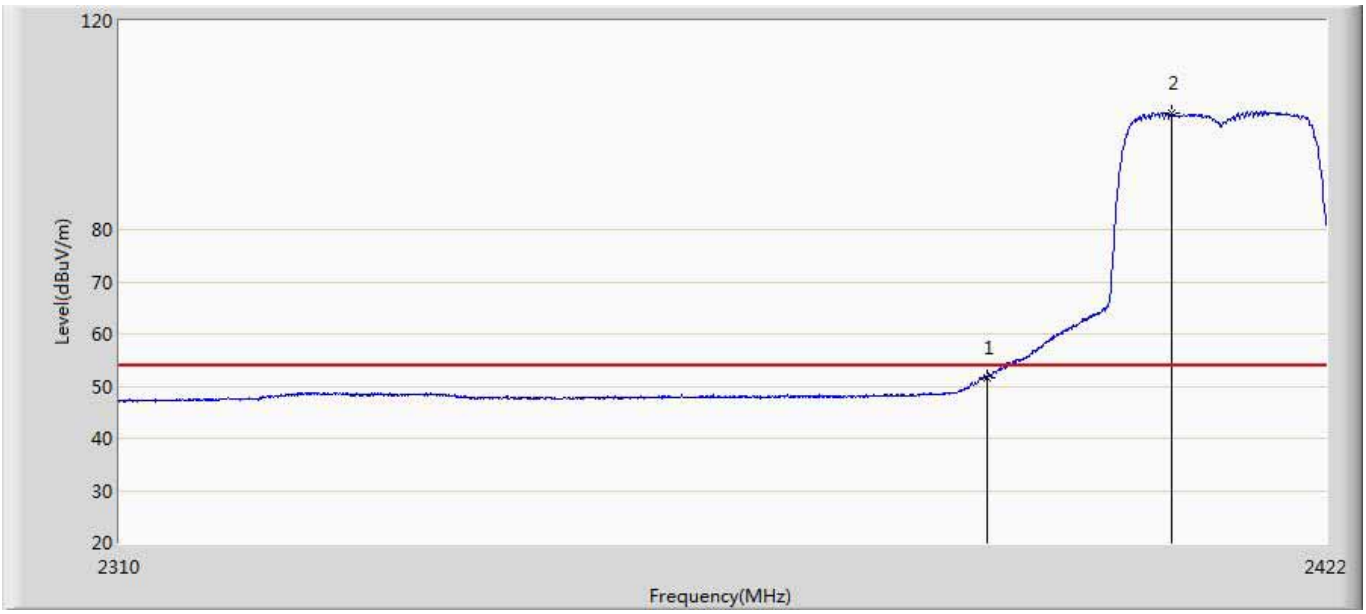
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.840	93.042	55.059	39.042	54.000	37.983	AV
2		2483.500	41.147	3.109	-12.853	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2412	



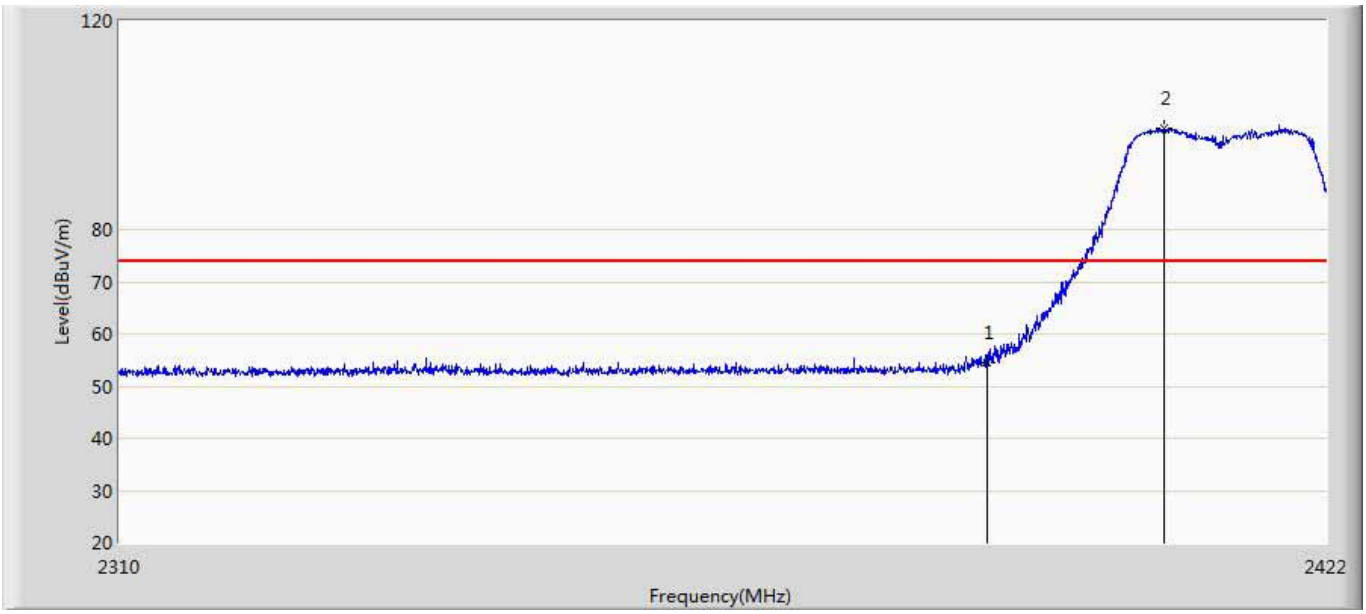
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2334.136	67.775	30.033	-6.225	74.000	37.742	PK
2		2389.072	73.432	35.565	-0.568	74.000	37.867	PK
3		2390.000	72.295	34.432	-1.705	74.000	37.863	PK
4	*	2409.400	115.201	77.368	41.201	74.000	37.833	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2412	



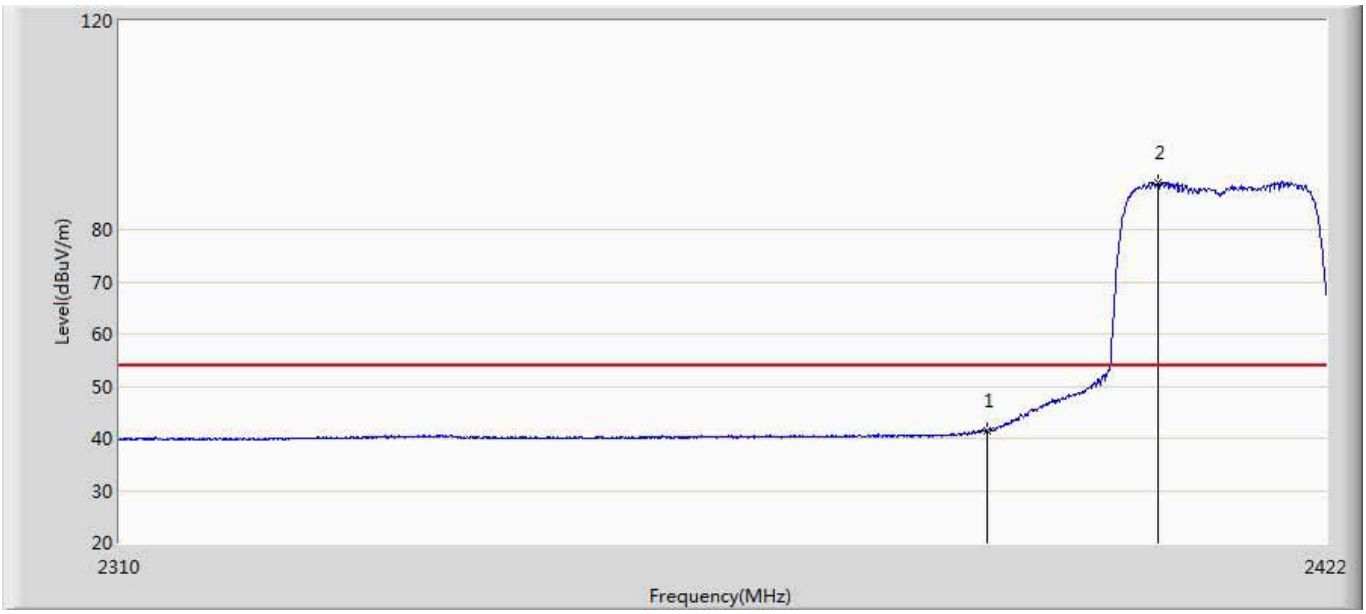
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.706	13.843	-2.294	54.000	37.863	AV
2	*	2407.440	102.320	64.485	48.320	54.000	37.835	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2412	



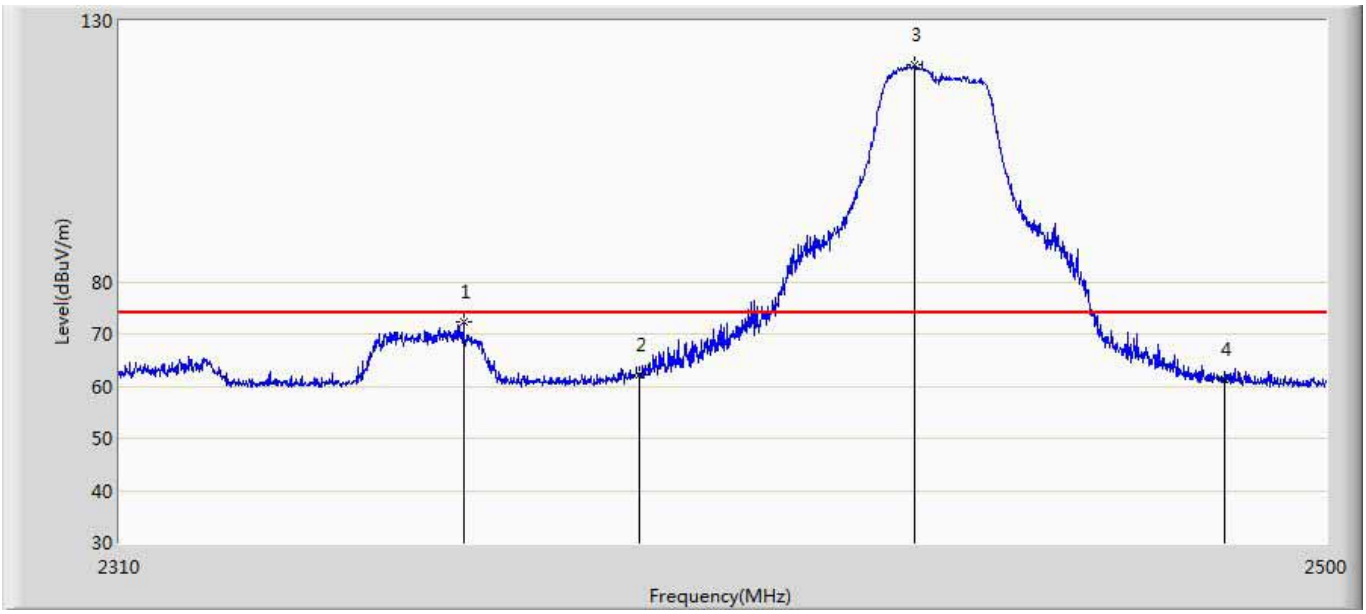
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	54.571	16.708	-19.429	74.000	37.863	PK
2	*	2406.712	99.398	61.562	25.398	74.000	37.836	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2412	



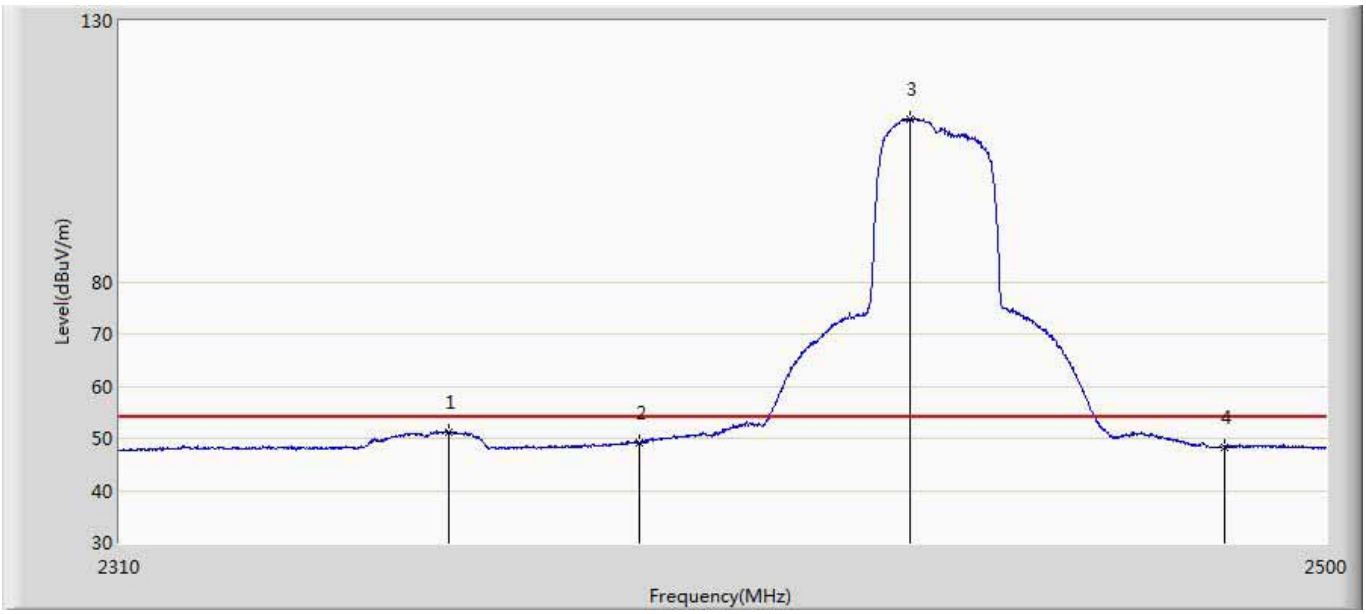
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	41.538	3.675	-12.462	54.000	37.863	AV
2	*	2406.152	89.103	51.267	35.103	54.000	37.836	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2437	



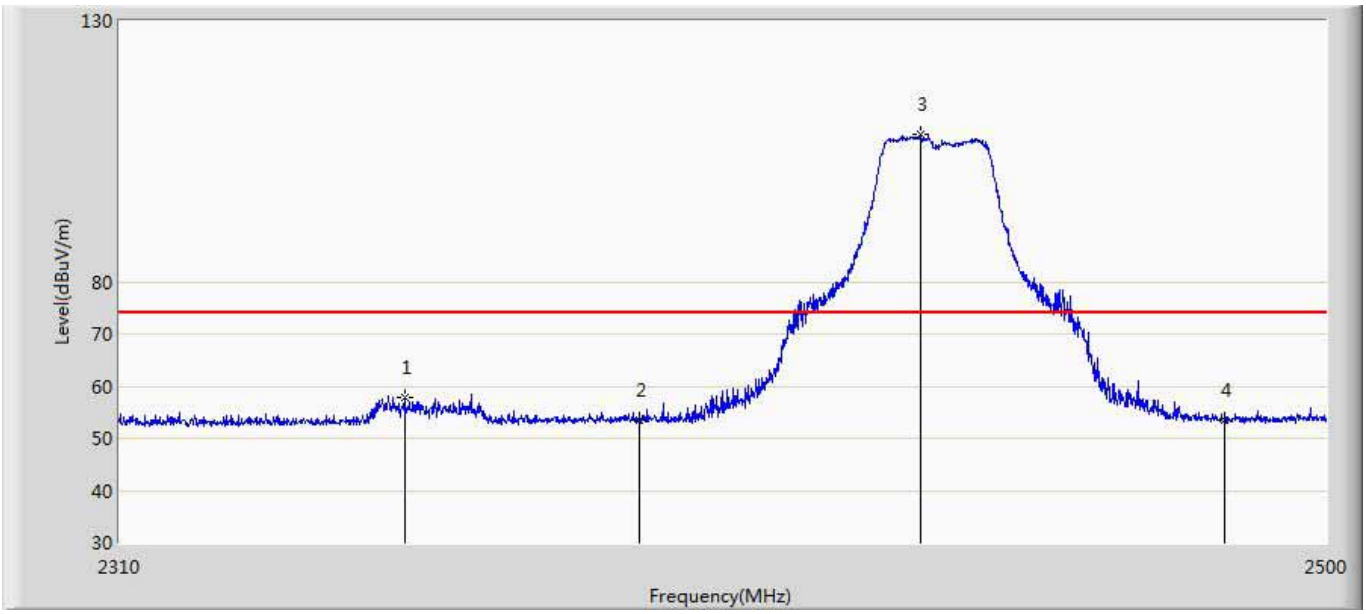
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2362.725	72.307	34.476	-1.693	74.000	37.831	PK
2		2390.000	62.041	24.178	-11.959	74.000	37.863	PK
3	*	2433.500	121.538	83.605	47.538	74.000	37.932	PK
4		2483.500	61.395	23.357	-12.605	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2437	



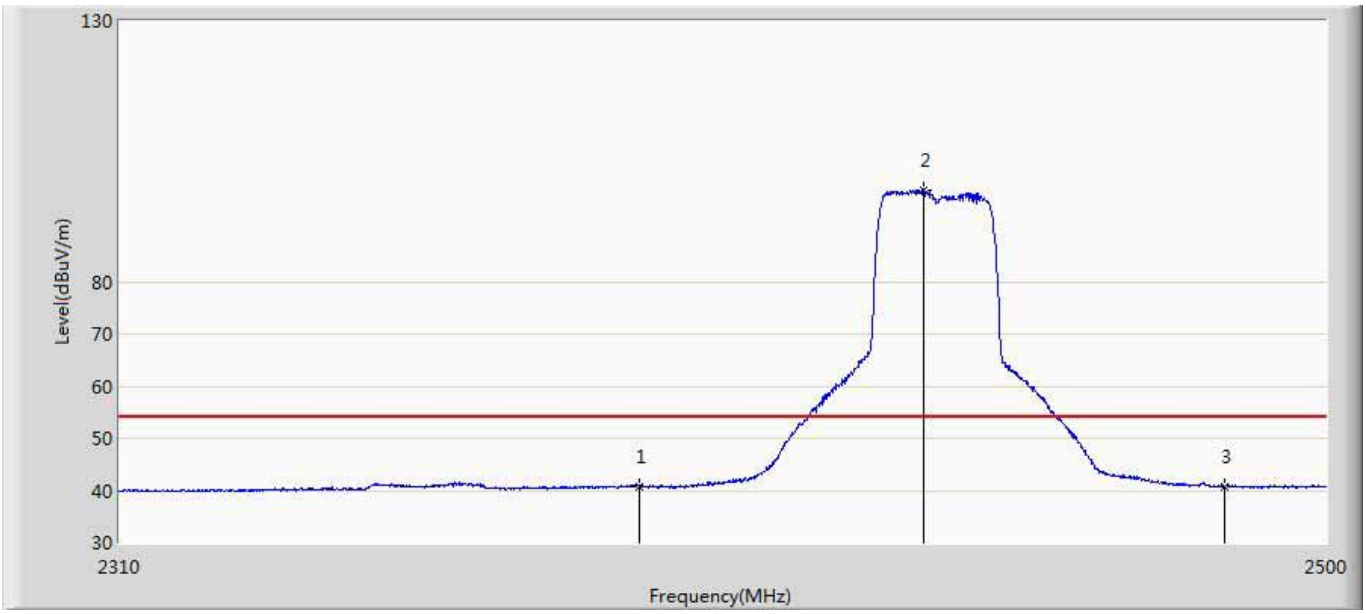
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2360.445	51.288	13.469	-2.712	54.000	37.819	AV
2		2390.000	49.095	11.232	-4.905	54.000	37.863	AV
3	*	2432.930	111.271	73.339	57.271	54.000	37.933	AV
4		2483.500	48.330	10.292	-5.670	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2437	



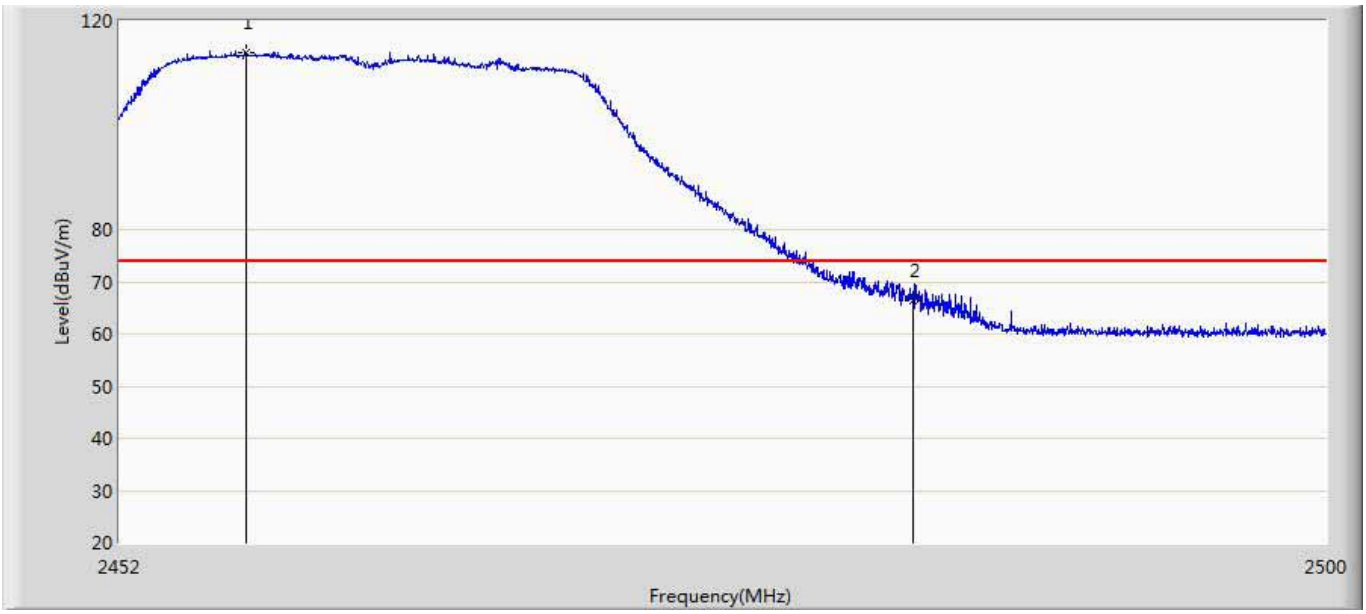
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2353.605	57.878	20.089	-16.122	74.000	37.789	PK
2		2390.000	53.349	15.486	-20.651	74.000	37.863	PK
3	*	2434.545	108.277	70.344	34.277	74.000	37.934	PK
4		2483.500	53.427	15.389	-20.573	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2437	



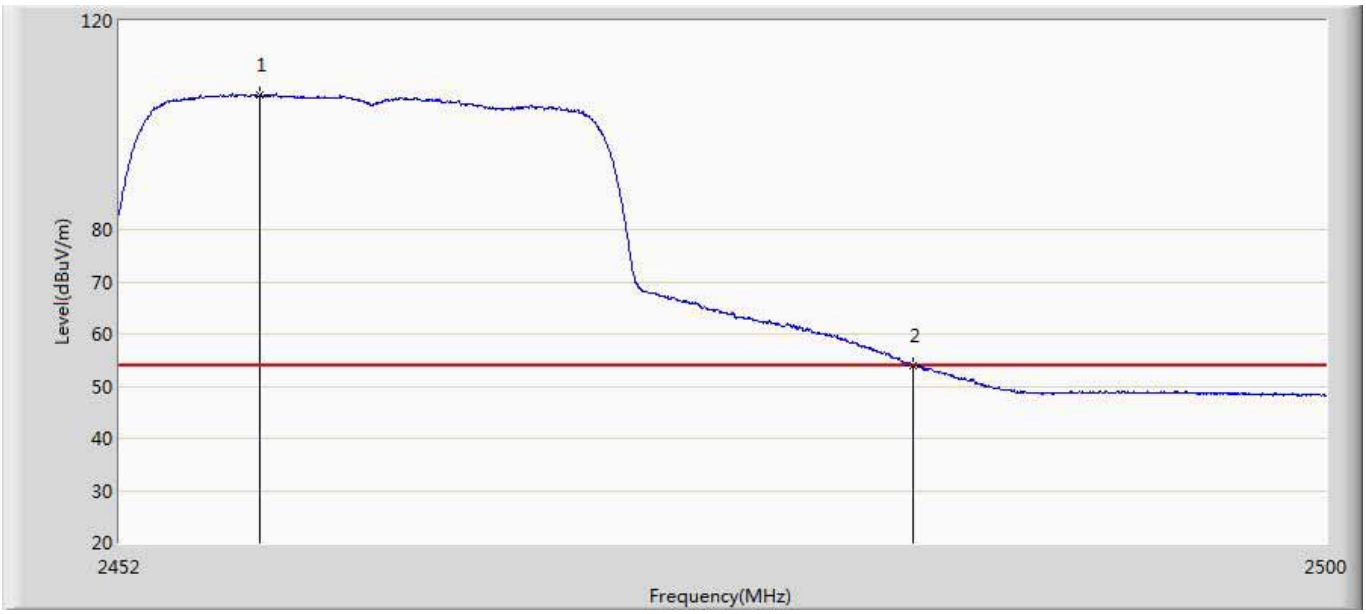
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	40.773	2.910	-13.227	54.000	37.863	AV
2	*	2434.925	97.582	59.648	43.582	54.000	37.933	AV
3		2483.500	40.771	2.733	-13.229	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2462	



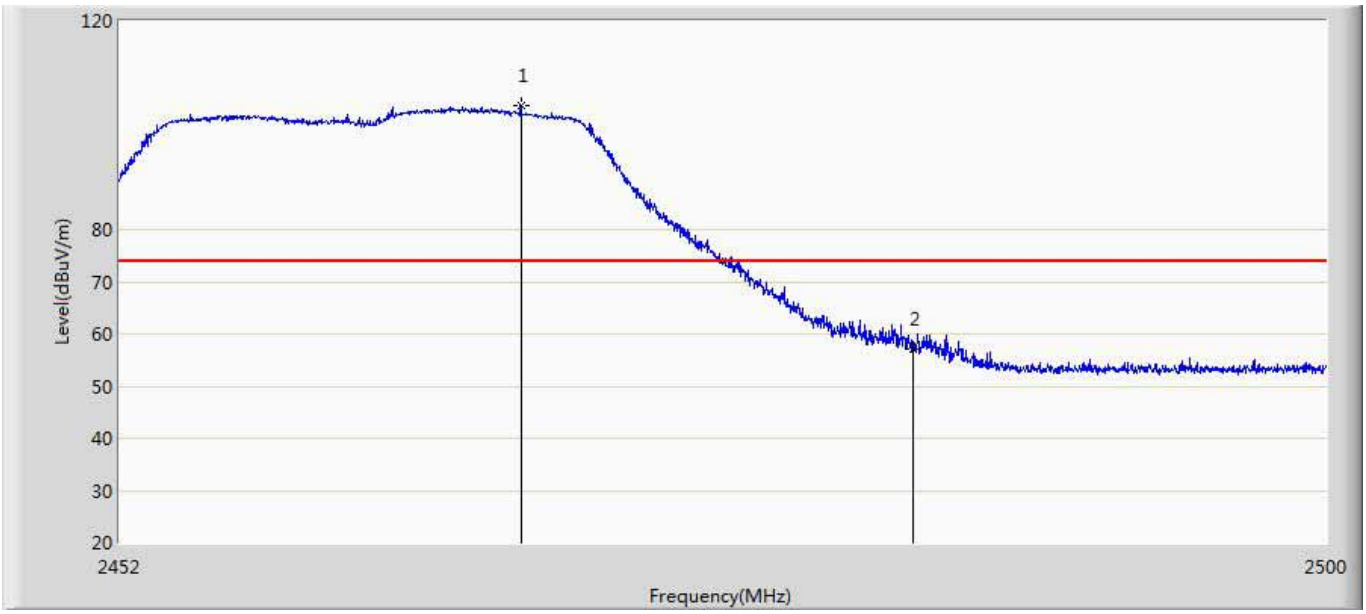
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.992	113.961	75.973	39.961	74.000	37.988	PK
2		2483.500	66.234	28.196	-7.766	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2462	



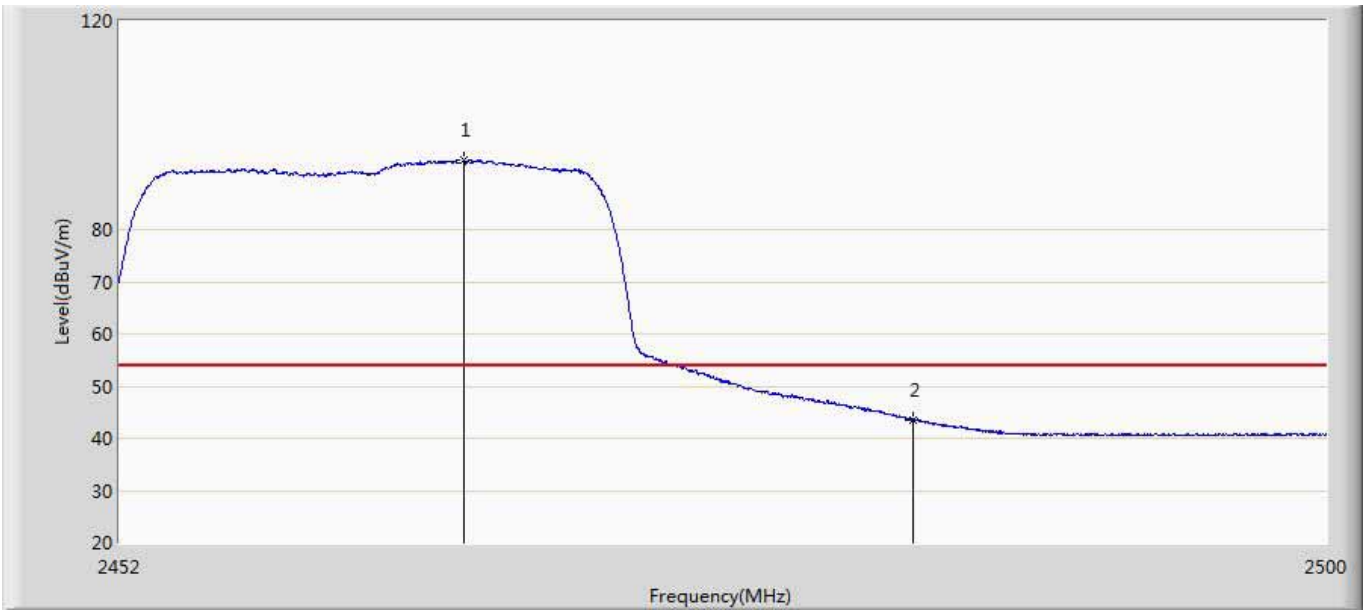
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.568	105.897	67.907	51.897	54.000	37.990	AV
2		2483.500	53.986	15.948	-0.014	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2462	



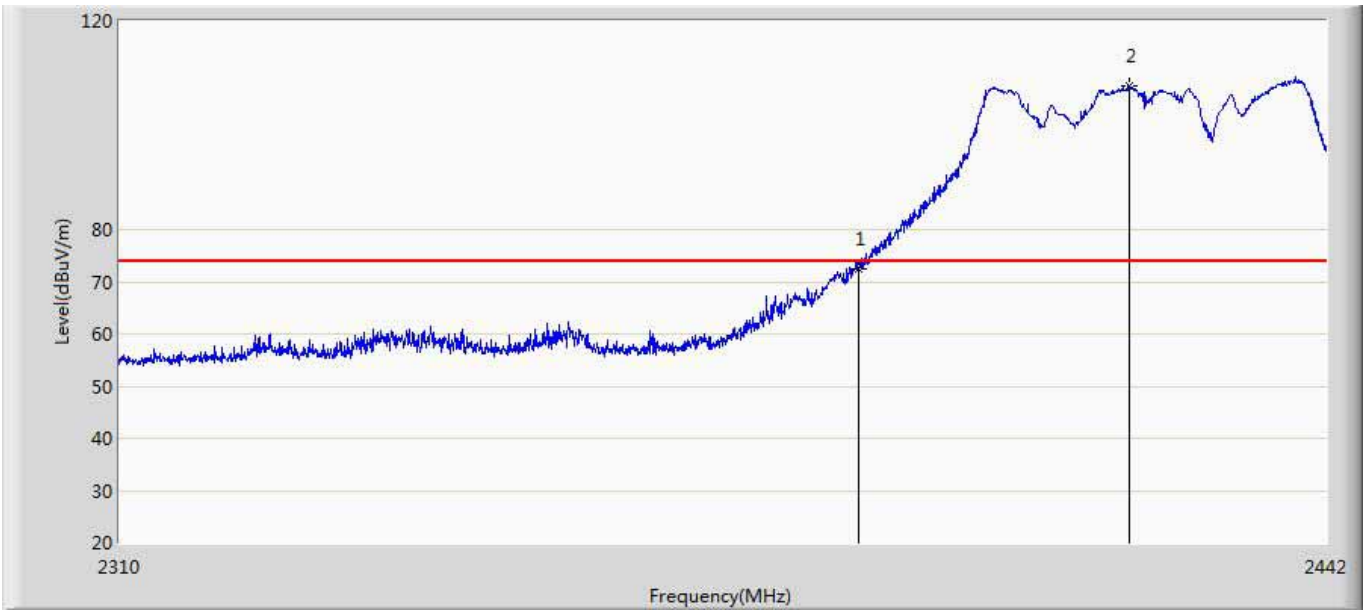
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.888	103.794	65.787	29.794	74.000	38.007	PK
2		2483.500	56.971	18.933	-17.029	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 CH2462	



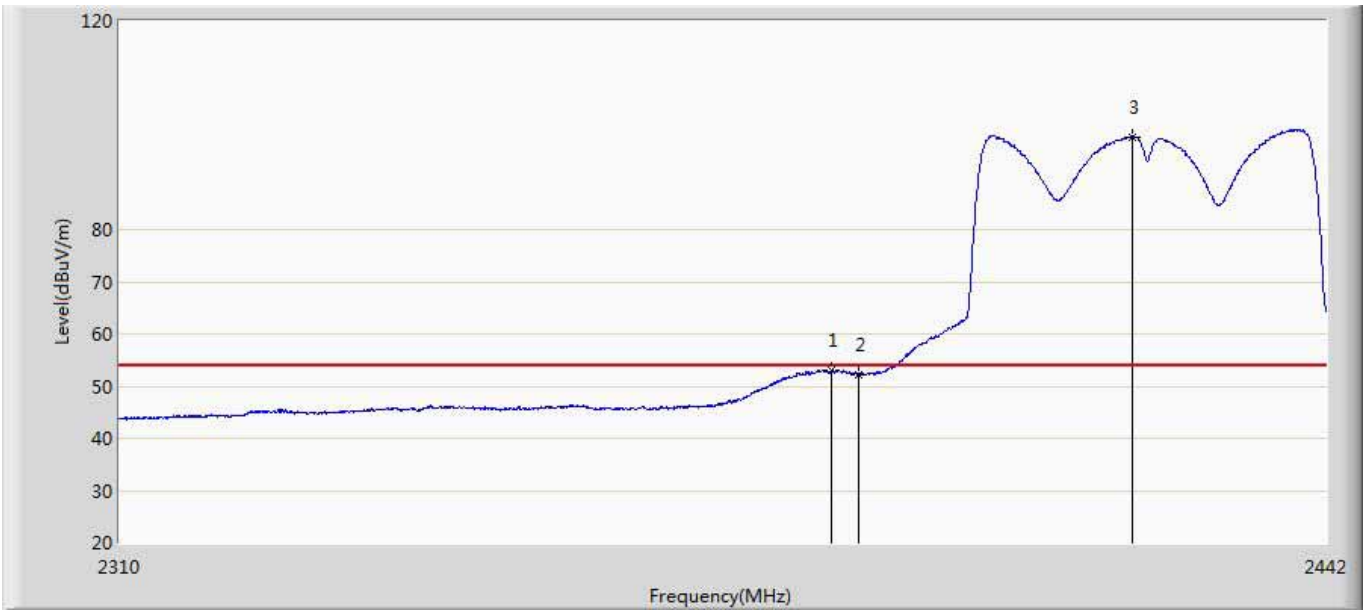
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2465.632	93.249	55.242	39.249	54.000	38.007	AV
2		2483.500	43.599	5.561	-10.401	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2422	



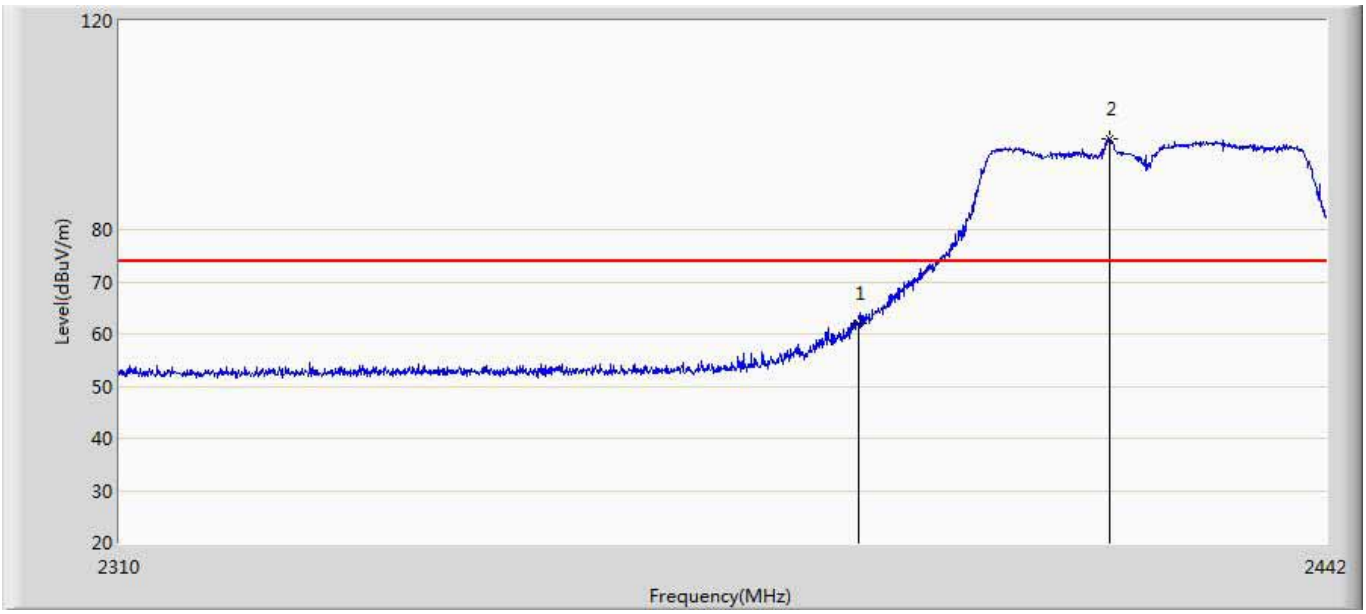
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	72.483	34.620	-1.517	74.000	37.863	PK
2	*	2420.022	107.498	69.615	33.498	74.000	37.883	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 21:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2422	



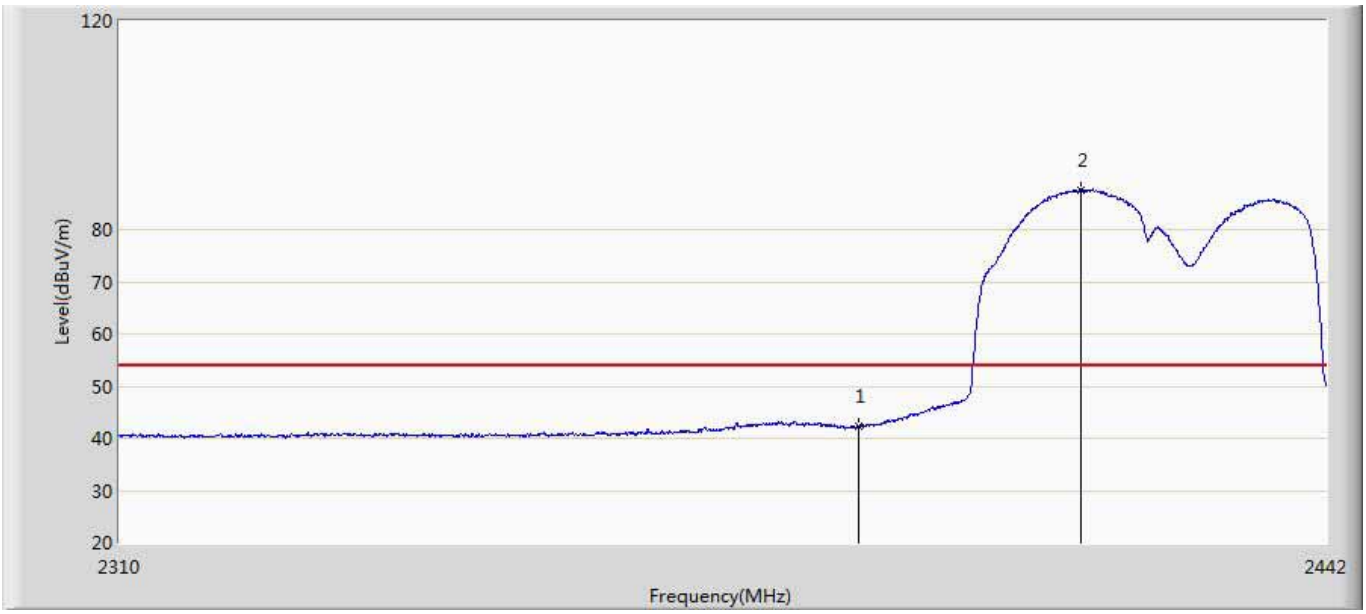
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.956	53.079	15.204	-0.921	54.000	37.874	AV
2		2390.000	52.251	14.388	-1.749	54.000	37.863	AV
3	*	2420.286	97.801	59.916	43.801	54.000	37.884	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2422	



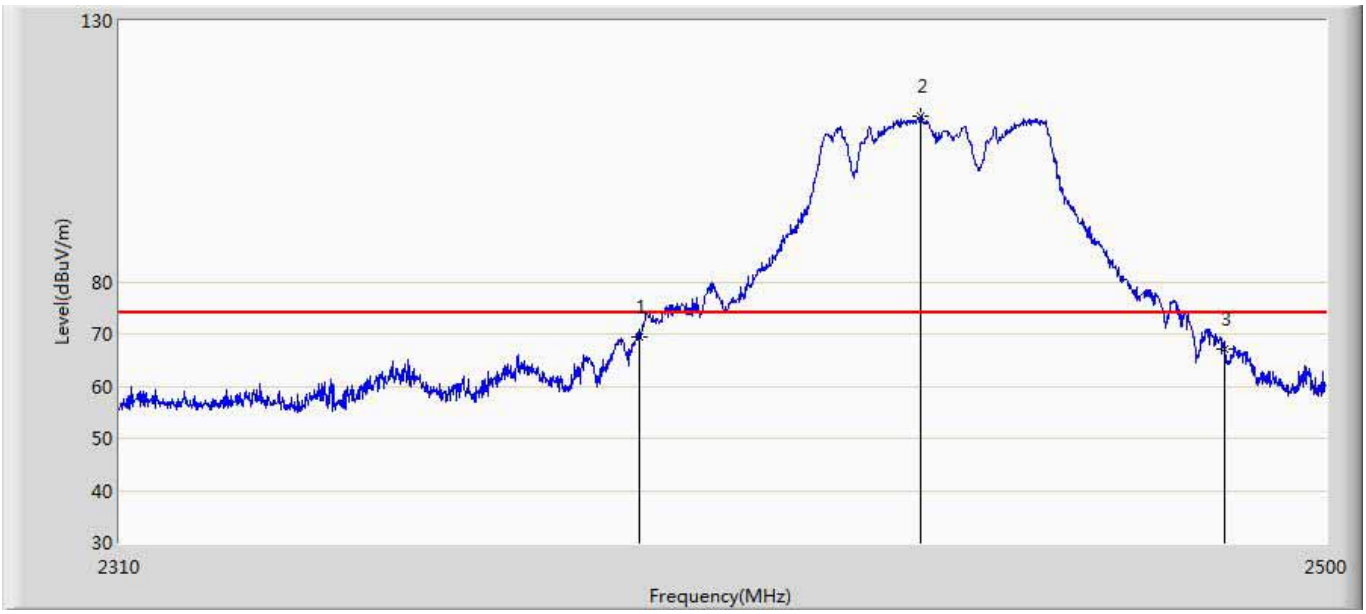
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.116	24.253	-11.884	74.000	37.863	PK
2	*	2417.844	97.379	59.508	23.379	74.000	37.870	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2422	



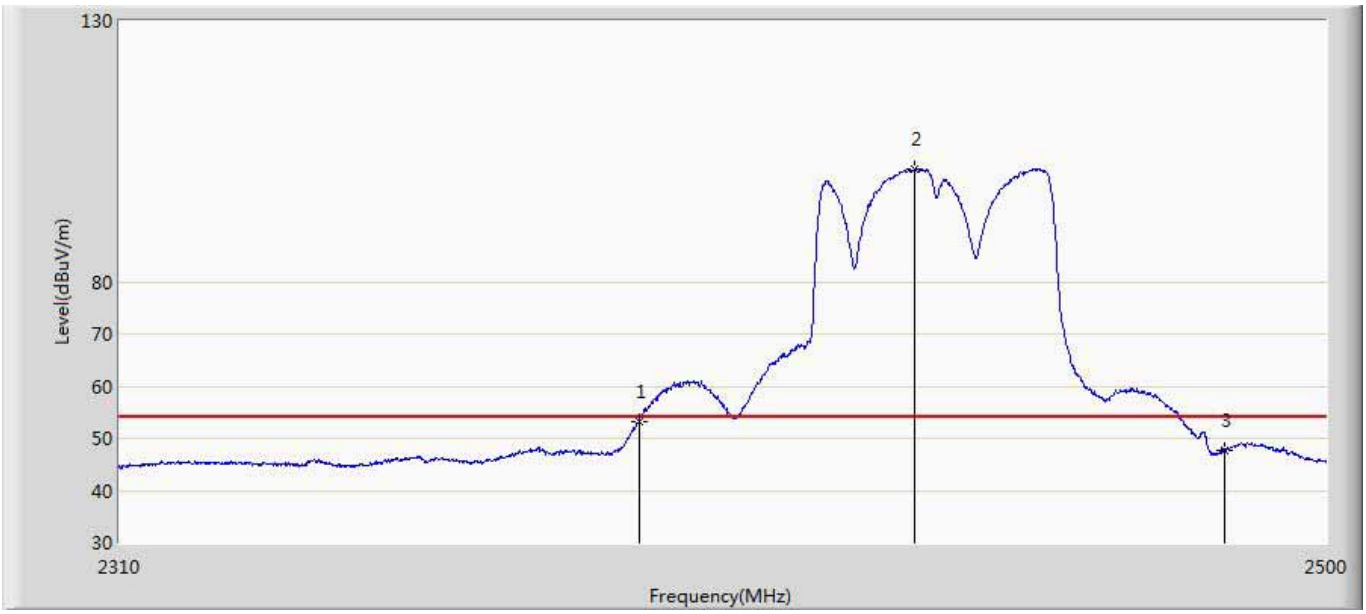
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.397	4.534	-11.603	54.000	37.863	AV
2	*	2414.544	87.631	49.779	33.631	54.000	37.851	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2437	



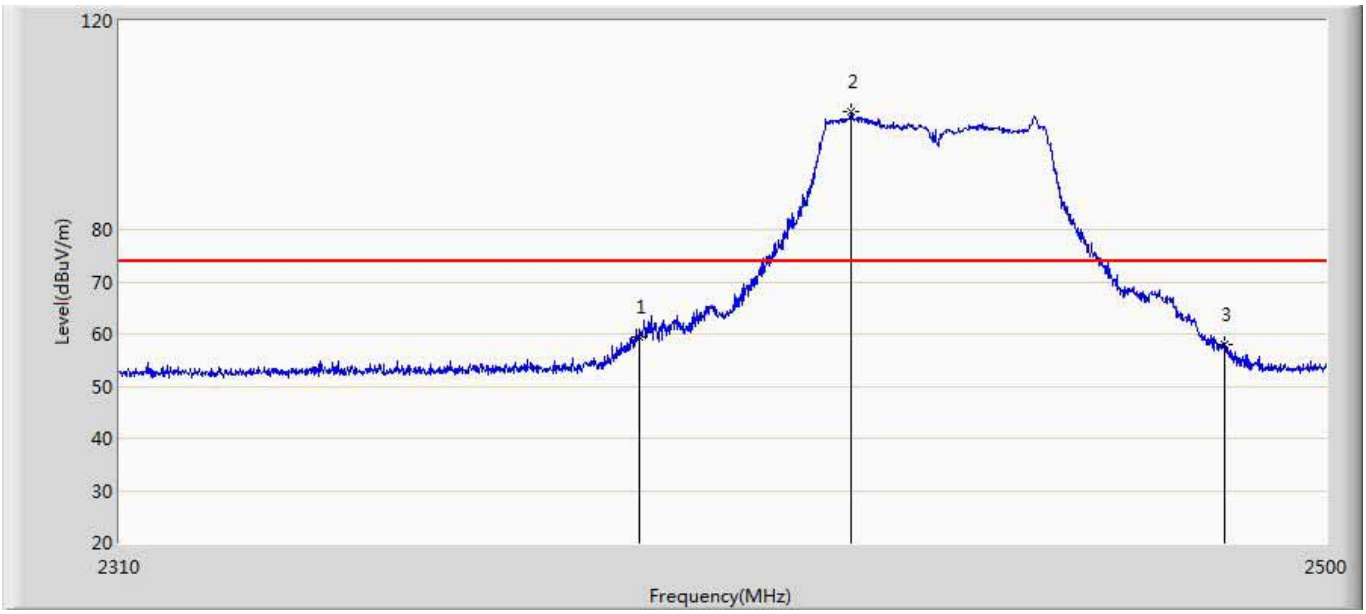
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	69.363	31.500	-4.637	74.000	37.863	PK
2	*	2434.450	111.732	73.799	37.732	74.000	37.934	PK
3		2483.500	67.148	29.110	-6.852	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2437	



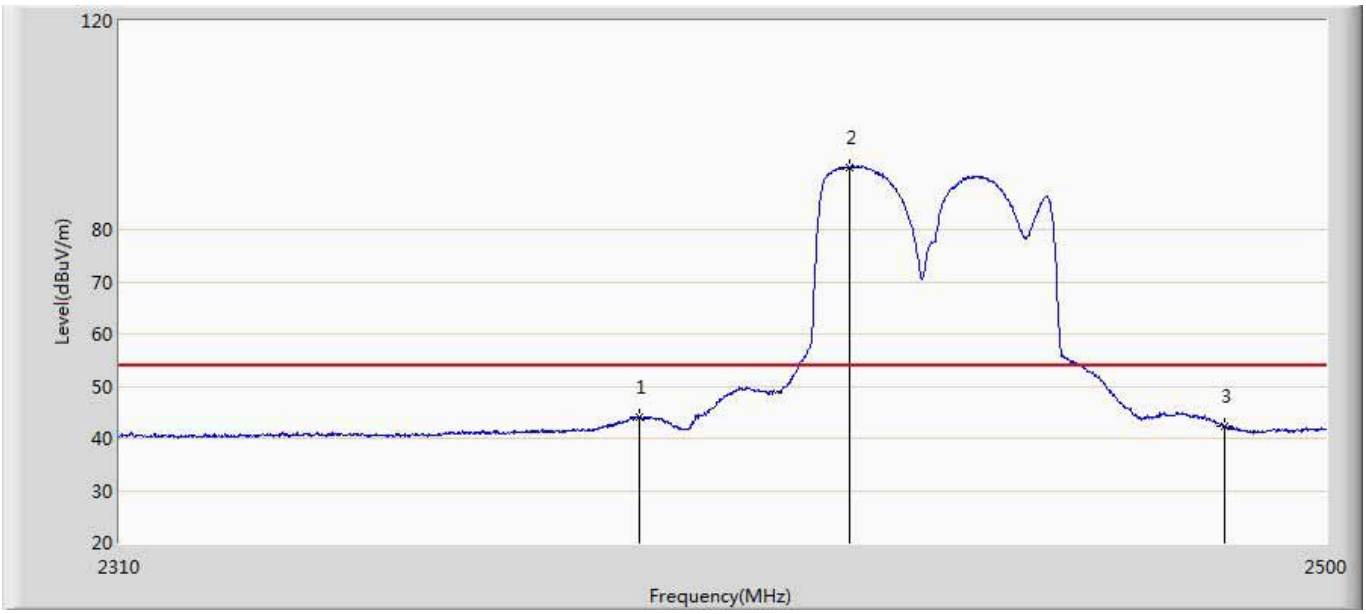
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.067	15.204	-0.933	54.000	37.863	AV
2	*	2433.595	101.673	63.740	47.673	54.000	37.933	AV
3		2483.500	47.755	9.717	-6.245	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2437	



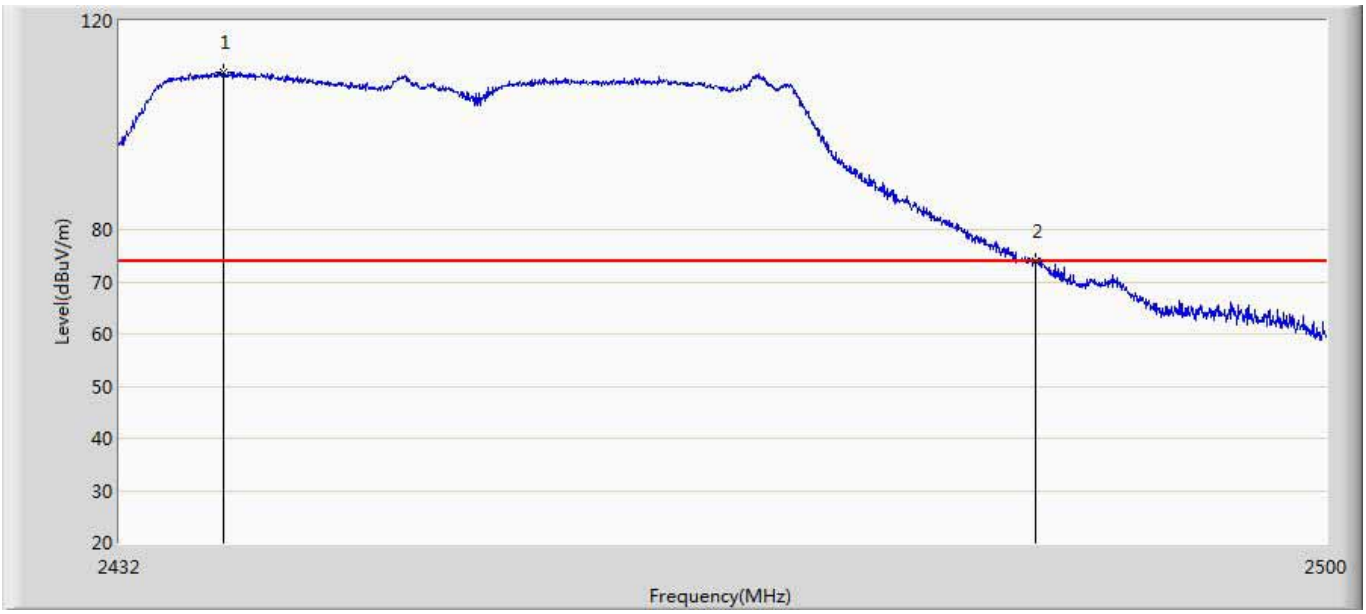
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.536	21.673	-14.464	74.000	37.863	PK
2	*	2423.335	102.484	64.582	28.484	74.000	37.902	PK
3		2483.500	58.051	20.013	-15.949	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2437	



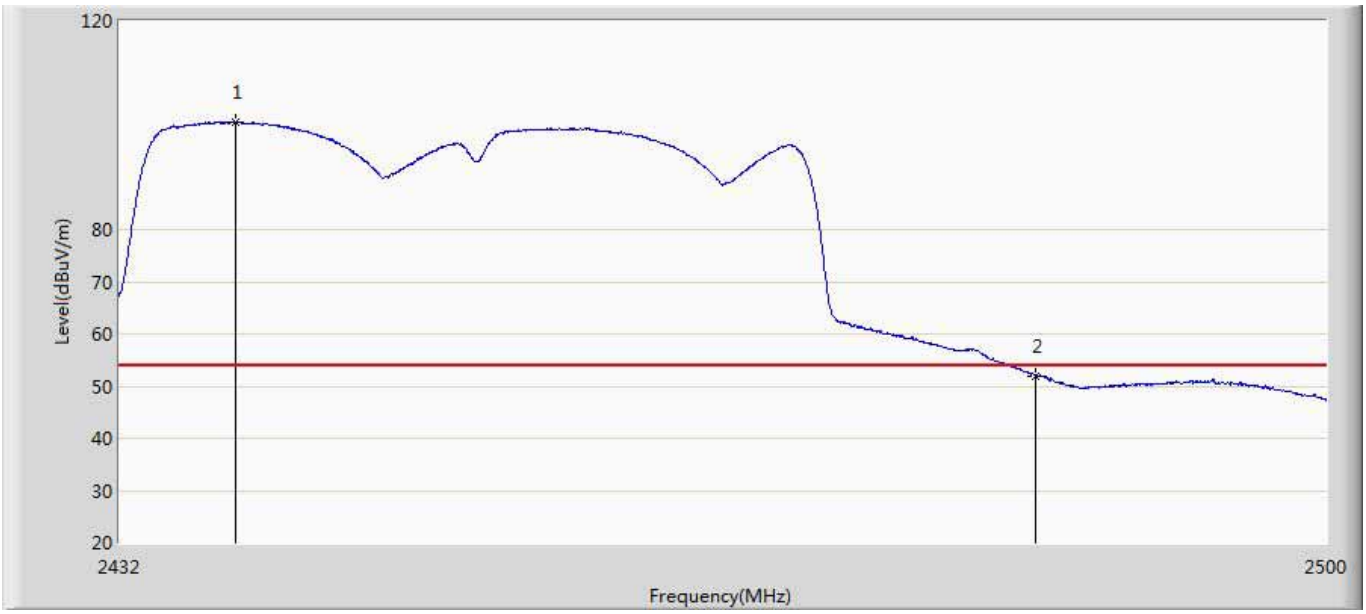
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.968	6.105	-10.032	54.000	37.863	AV
2	*	2423.145	91.934	54.033	37.934	54.000	37.901	AV
3		2483.500	42.295	4.257	-11.705	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2452	



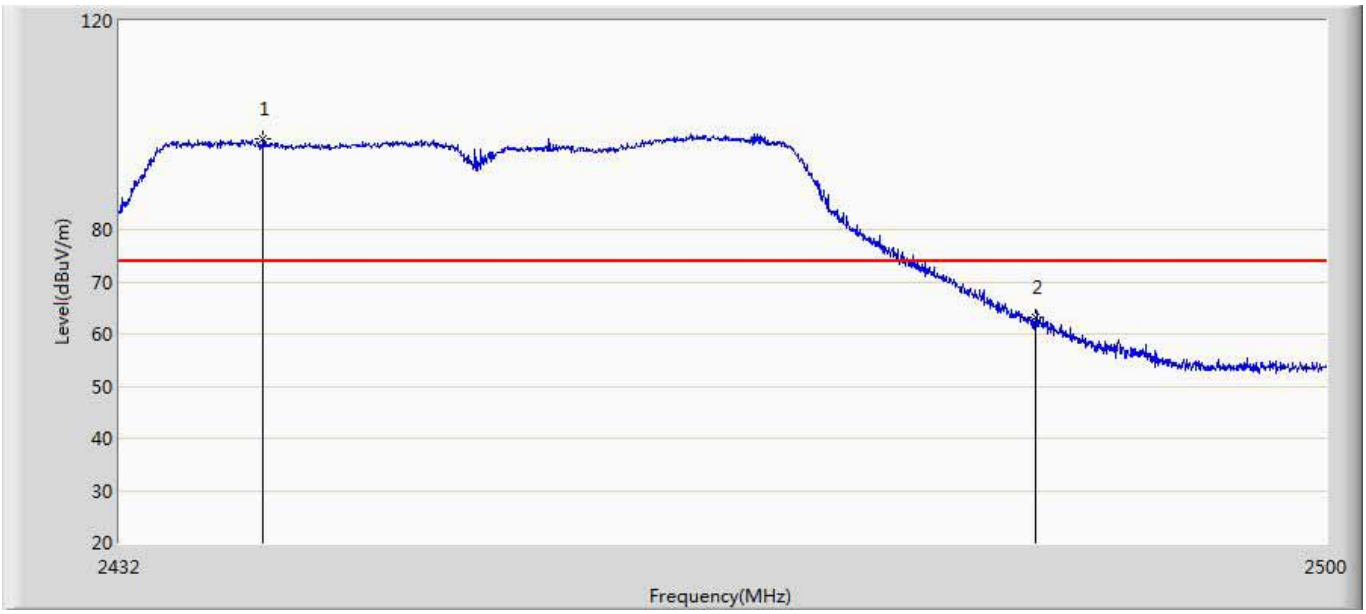
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2437.814	110.224	72.288	36.224	74.000	37.936	PK
2		2483.500	73.866	35.828	-0.134	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2452	



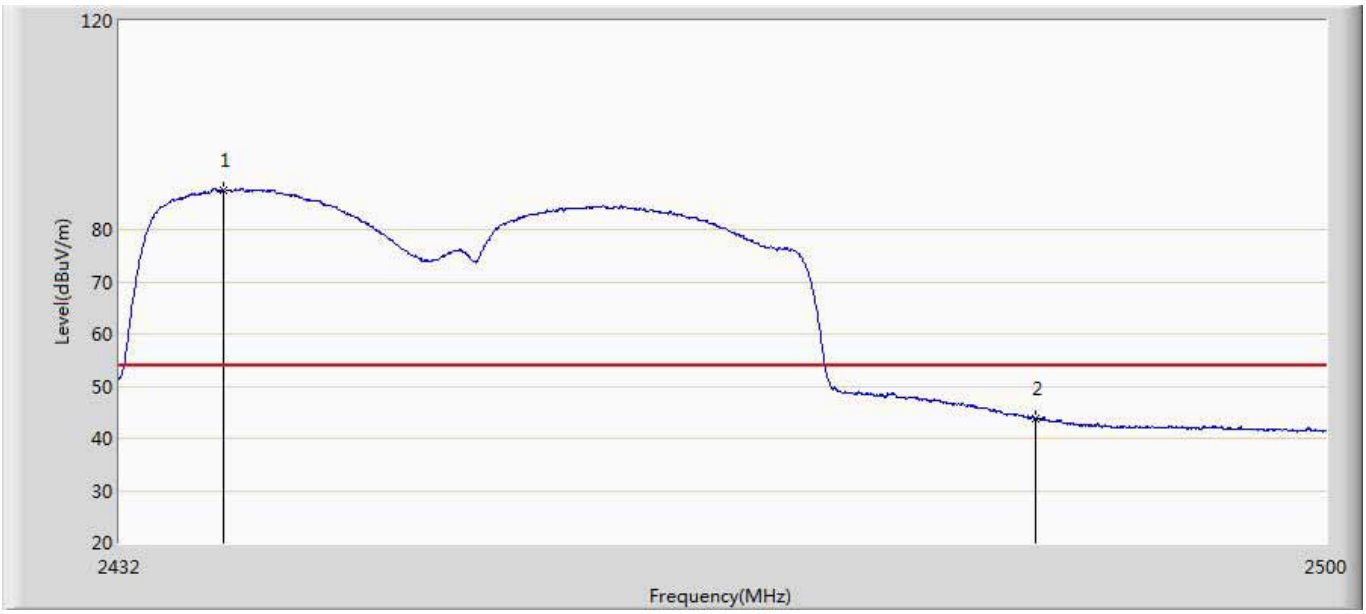
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2438.494	100.698	62.762	46.698	54.000	37.936	AV
2		2483.500	52.025	13.987	-1.975	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2452	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2440.024	97.343	59.406	23.343	74.000	37.937	PK
2		2483.500	63.063	25.025	-10.937	74.000	38.038	PK

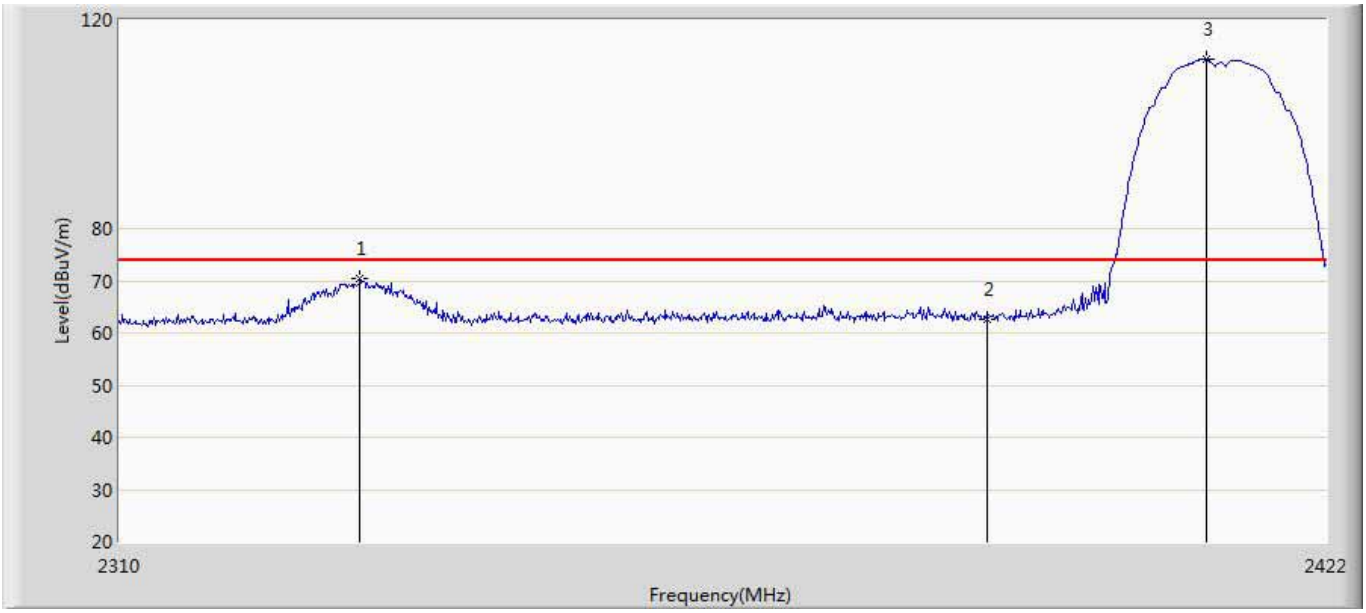
Engineer: Cloud	
Site: AC5	Time: 2016/03/30 - 22:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 CH2452	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2437.848	87.676	49.740	33.676	54.000	37.936	AV
2		2483.500	43.765	5.727	-10.235	54.000	38.038	AV

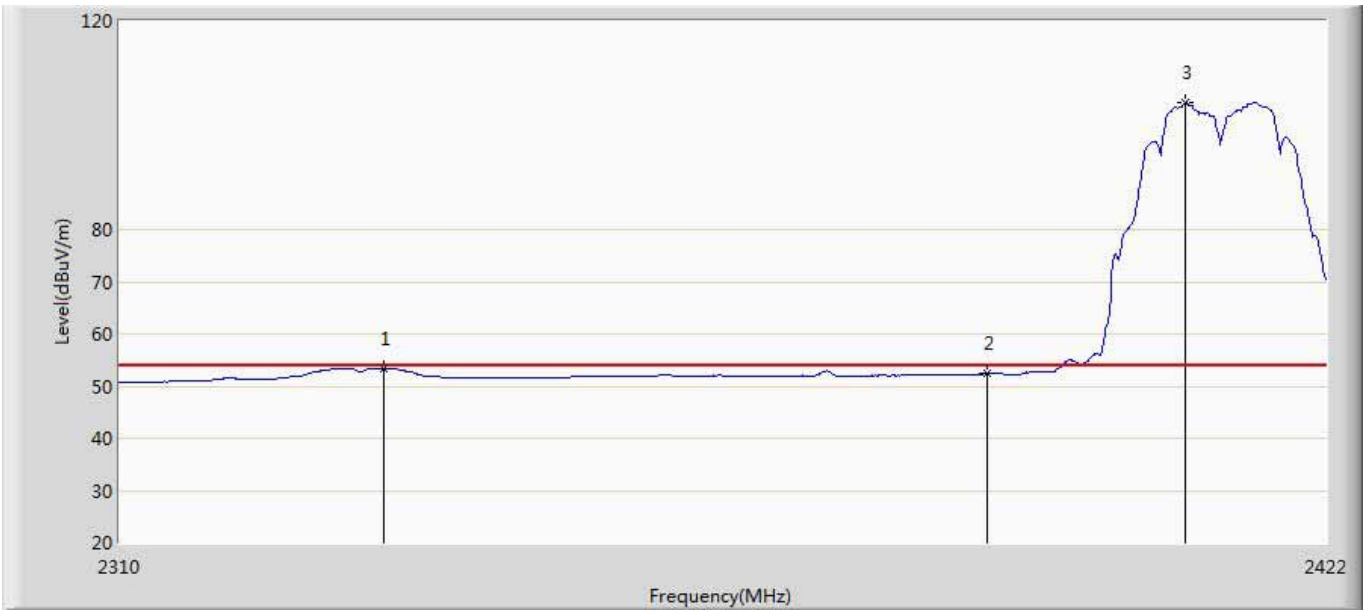
Sectorized antenna:

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2412	



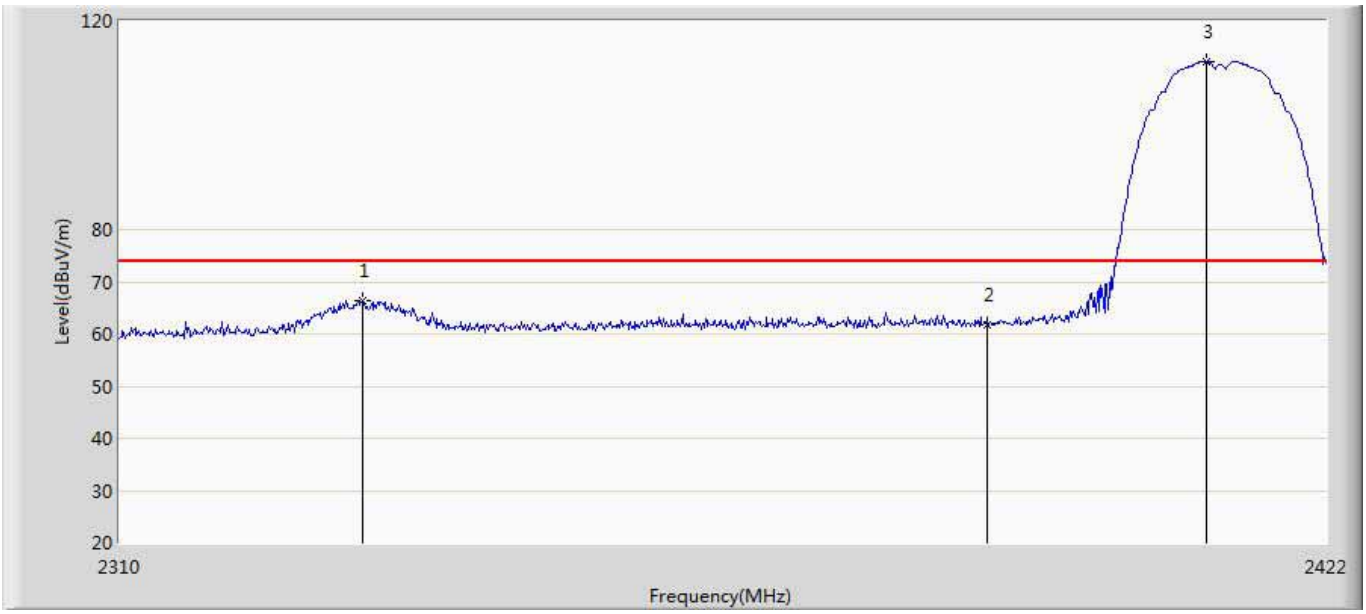
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2331.952	70.350	32.608	-3.650	74.000	37.741	PK
2		2390.000	62.698	24.835	-11.302	74.000	37.863	PK
3	*	2410.688	112.525	74.693	38.525	74.000	37.832	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2412	



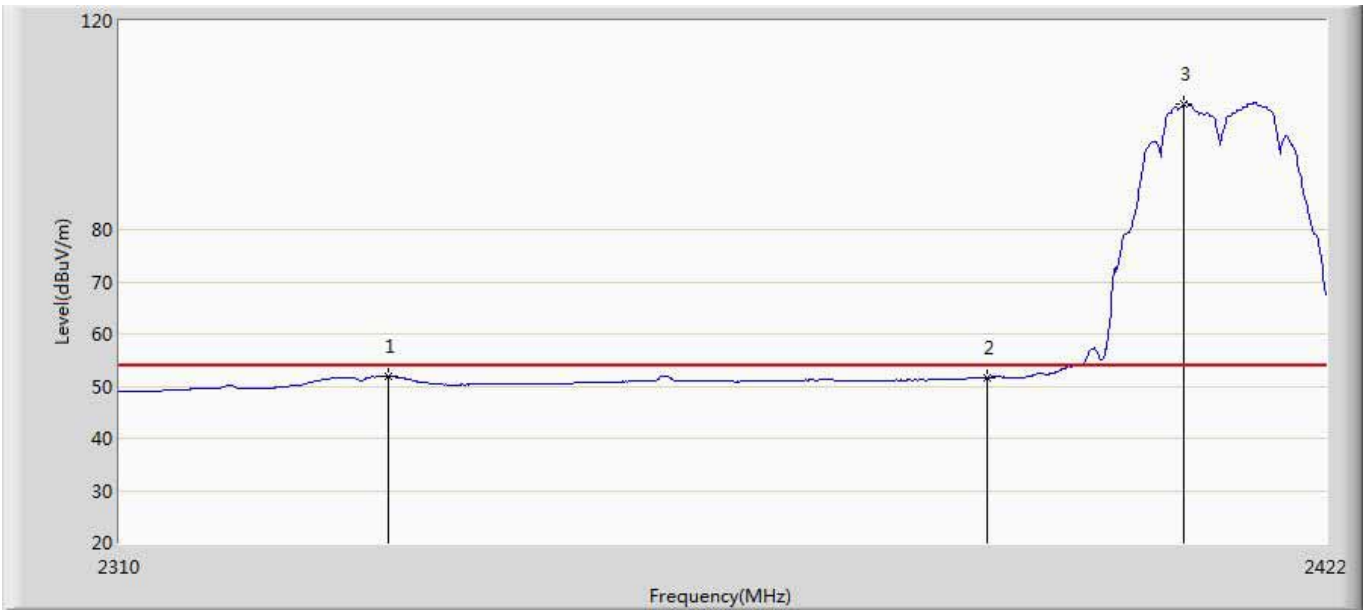
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2334.080	53.405	15.663	-0.595	54.000	37.742	AV
2		2390.000	52.348	14.485	-1.652	54.000	37.863	AV
3	*	2408.672	104.336	66.502	50.336	54.000	37.833	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2412	



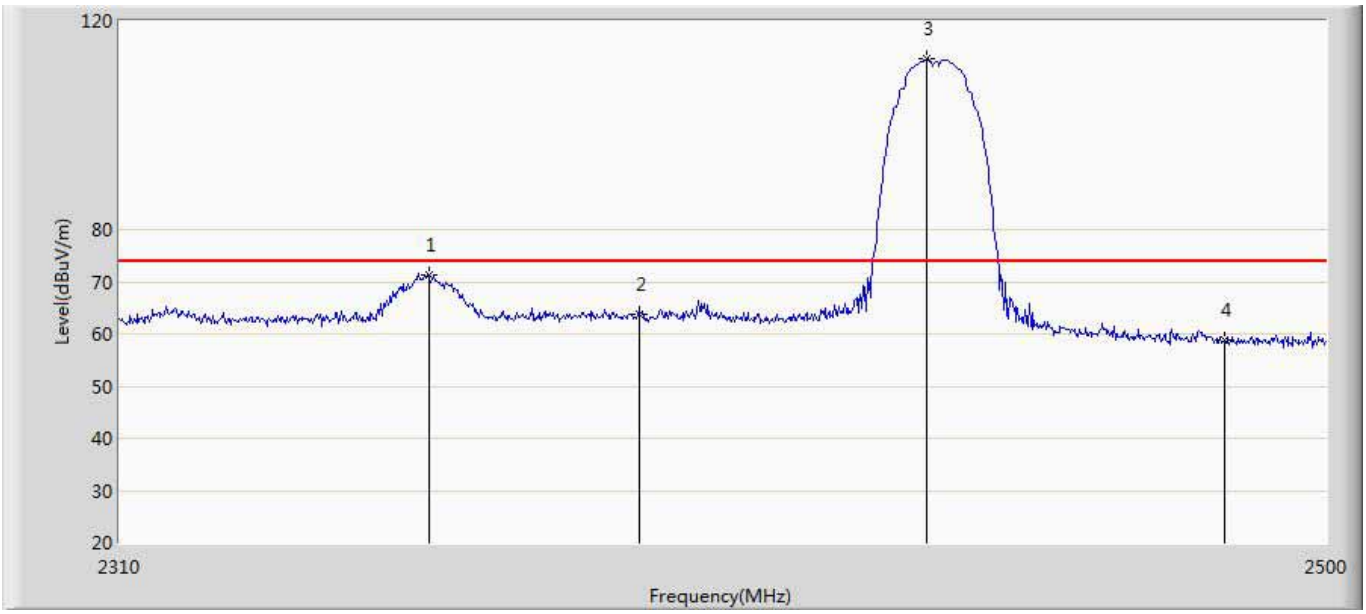
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2332.176	66.308	28.566	-7.692	74.000	37.742	PK
2		2390.000	61.670	23.807	-12.330	74.000	37.863	PK
3	*	2410.688	112.219	74.387	38.219	74.000	37.832	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2412	



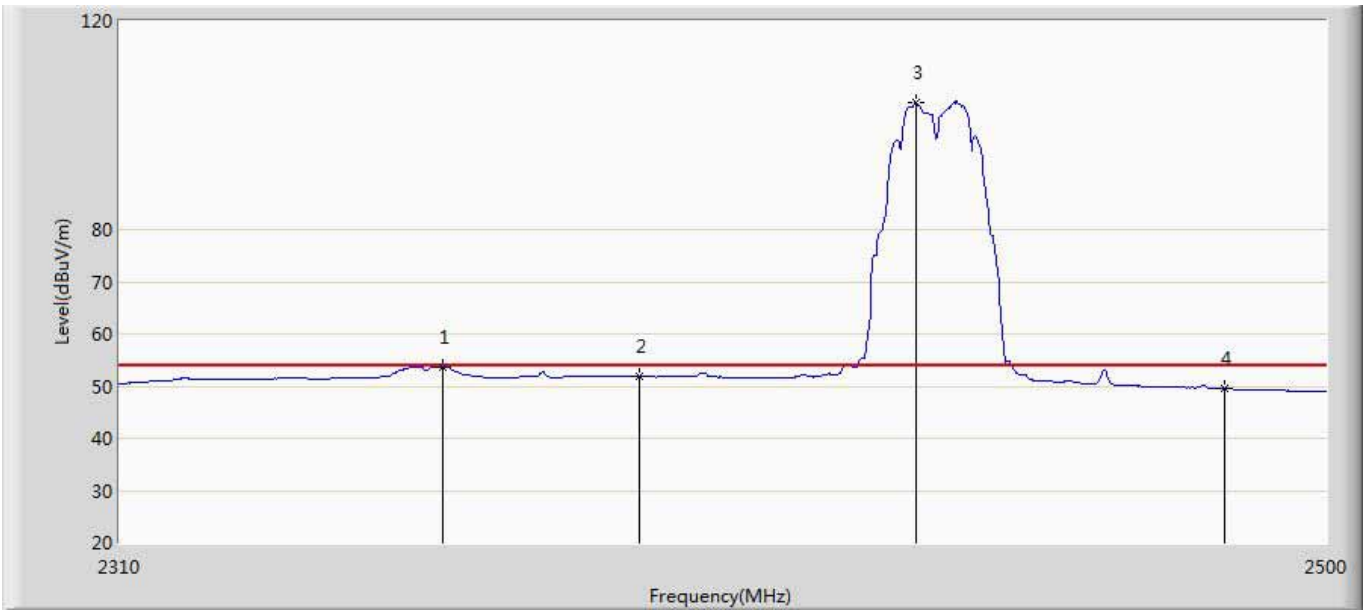
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2334.528	51.869	14.127	-2.131	54.000	37.743	AV
2		2390.000	51.649	13.786	-2.351	54.000	37.863	AV
3	*	2408.560	104.076	66.242	50.076	54.000	37.834	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2437	



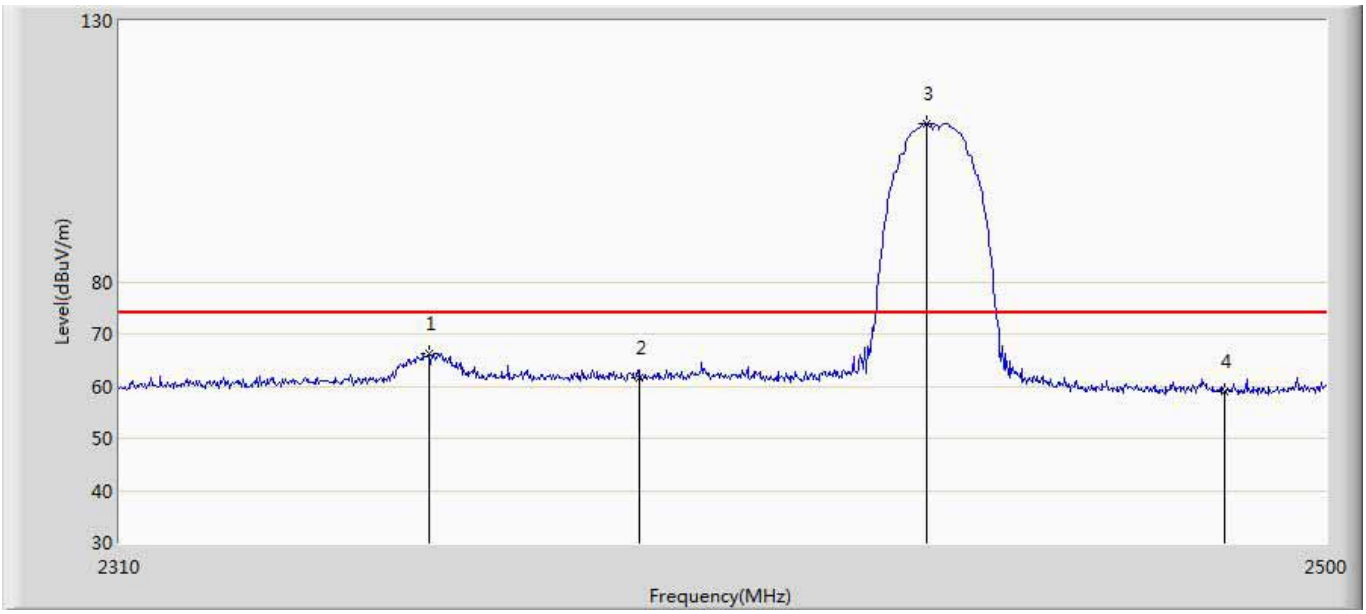
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2357.310	71.438	33.633	-2.562	74.000	37.805	PK
2		2390.000	63.632	25.769	-10.368	74.000	37.863	PK
3	*	2435.590	112.659	74.725	38.659	74.000	37.934	PK
4		2483.500	58.877	20.839	-15.123	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2437	



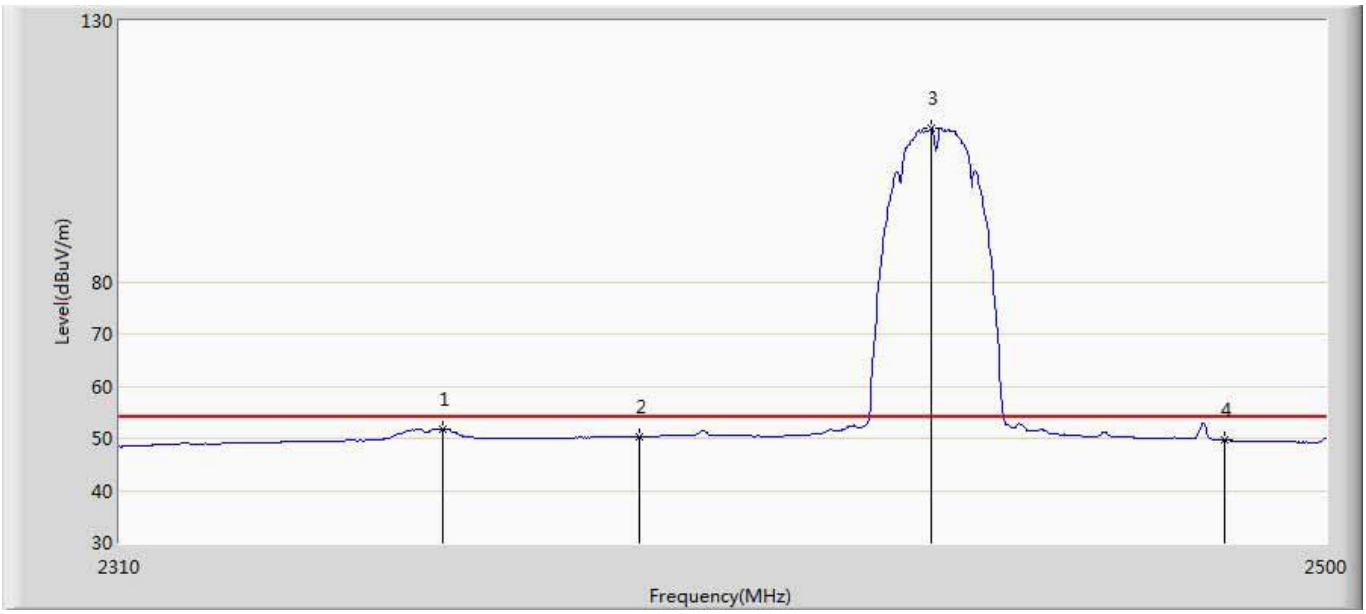
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2359.590	53.716	15.902	-0.284	54.000	37.815	AV
2		2390.000	51.785	13.922	-2.215	54.000	37.863	AV
3	*	2433.690	104.426	66.493	50.426	54.000	37.933	AV
4		2483.500	49.475	11.437	-4.525	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2437	



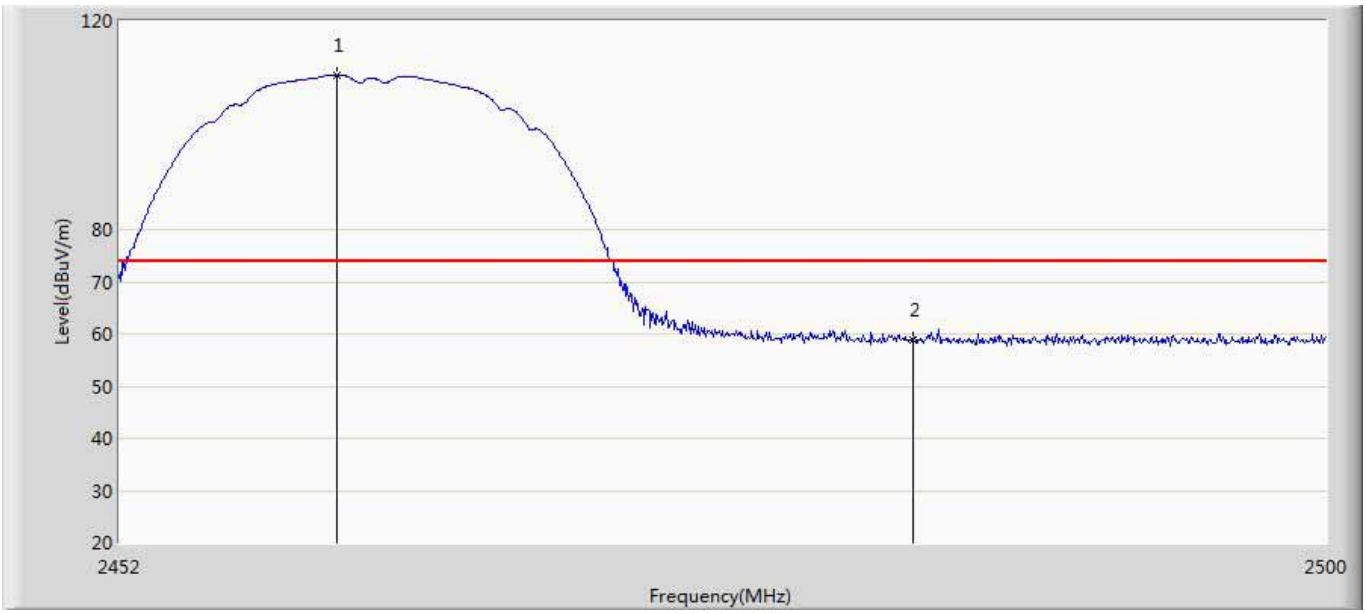
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2357.500	66.242	28.436	-7.758	74.000	37.805	PK
2		2390.000	61.722	23.859	-12.278	74.000	37.863	PK
3	*	2435.590	110.424	72.490	36.424	74.000	37.934	PK
4		2483.500	59.032	20.994	-14.968	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2437	



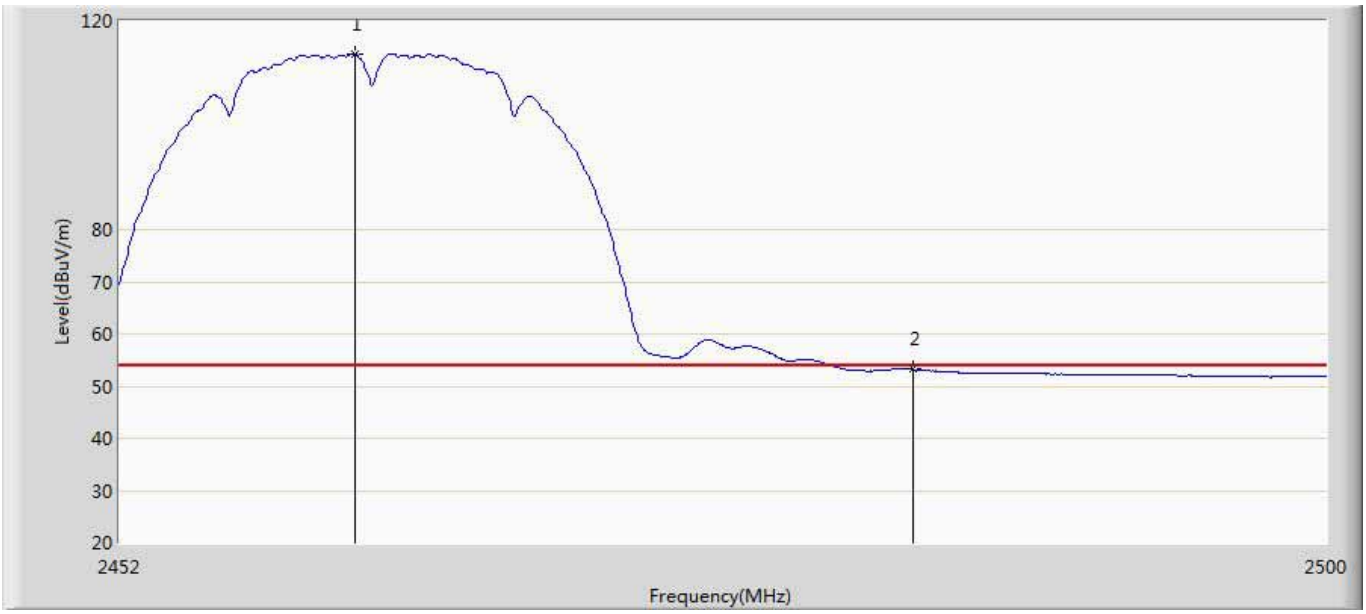
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2359.400	51.741	13.928	-2.259	54.000	37.813	AV
2		2390.000	50.308	12.445	-3.692	54.000	37.863	AV
3	*	2436.160	109.364	71.430	55.364	54.000	37.935	AV
4		2483.500	49.595	11.557	-4.405	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2462	



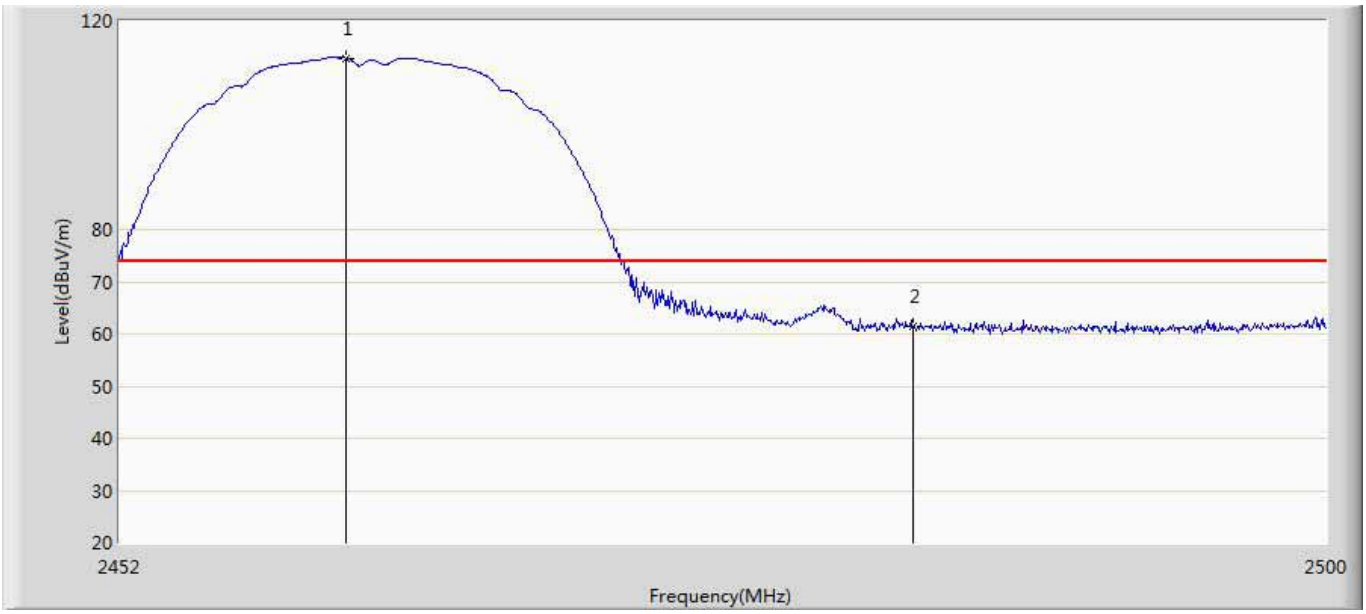
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.592	109.599	71.597	35.599	74.000	38.002	PK
2		2483.500	58.930	20.892	-15.070	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2462	



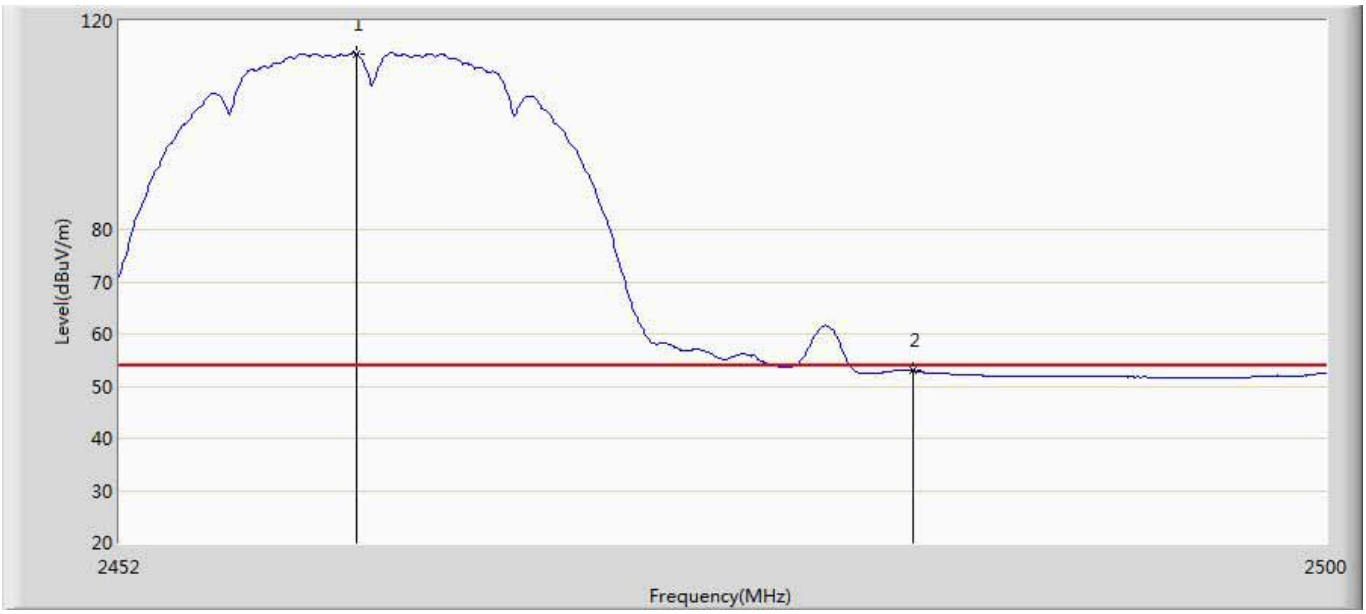
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.312	113.656	75.651	59.656	54.000	38.005	AV
2		2483.500	53.198	15.160	-0.802	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2462	



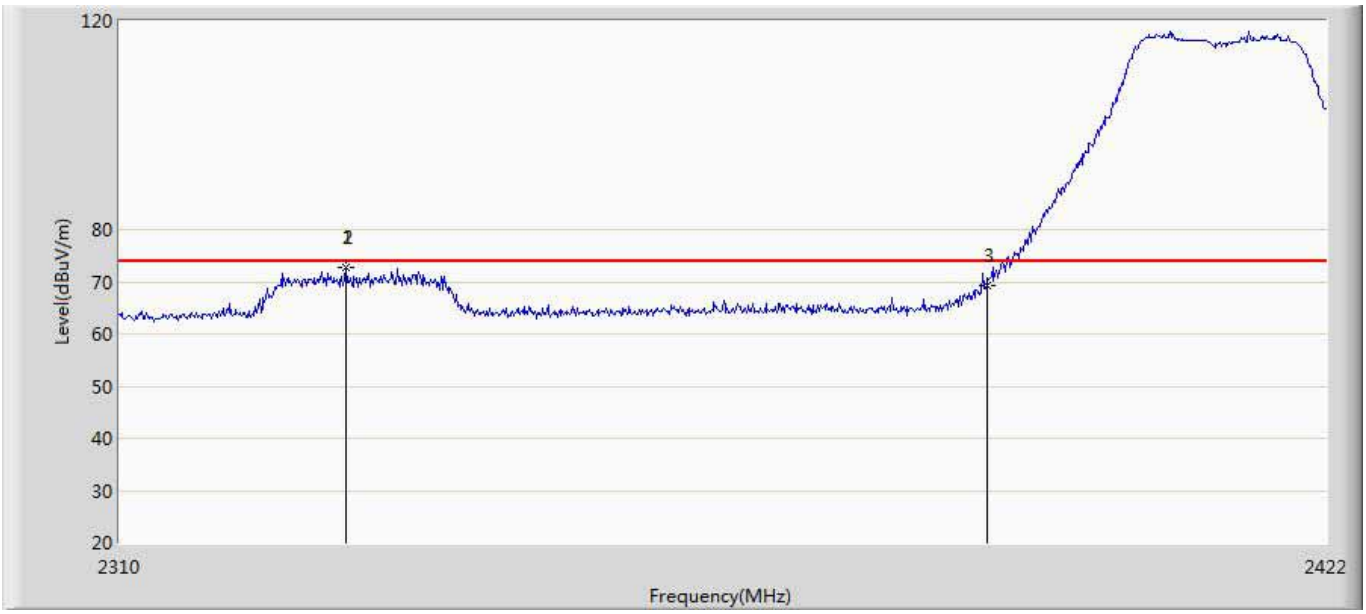
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.928	112.877	74.874	38.877	74.000	38.003	PK
2		2483.500	61.407	23.369	-12.593	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 1 Transmit at 802.11b ch2462	



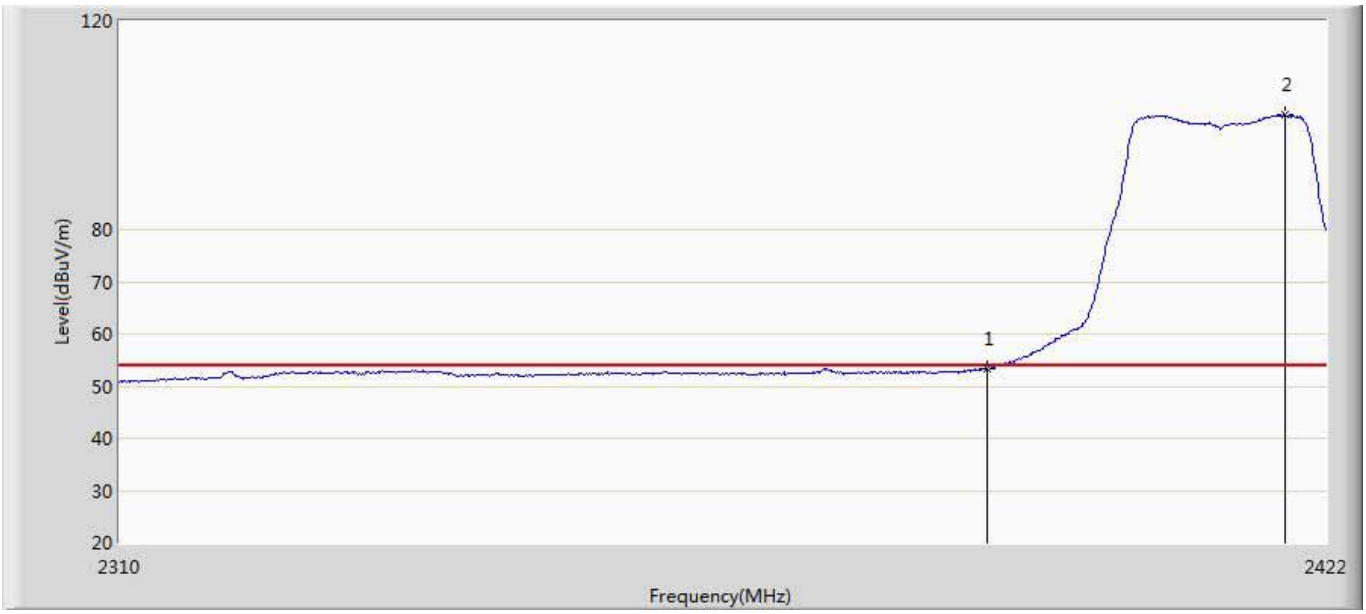
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.360	113.667	75.662	59.667	54.000	38.005	AV
2		2483.500	52.944	14.906	-1.056	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2412	



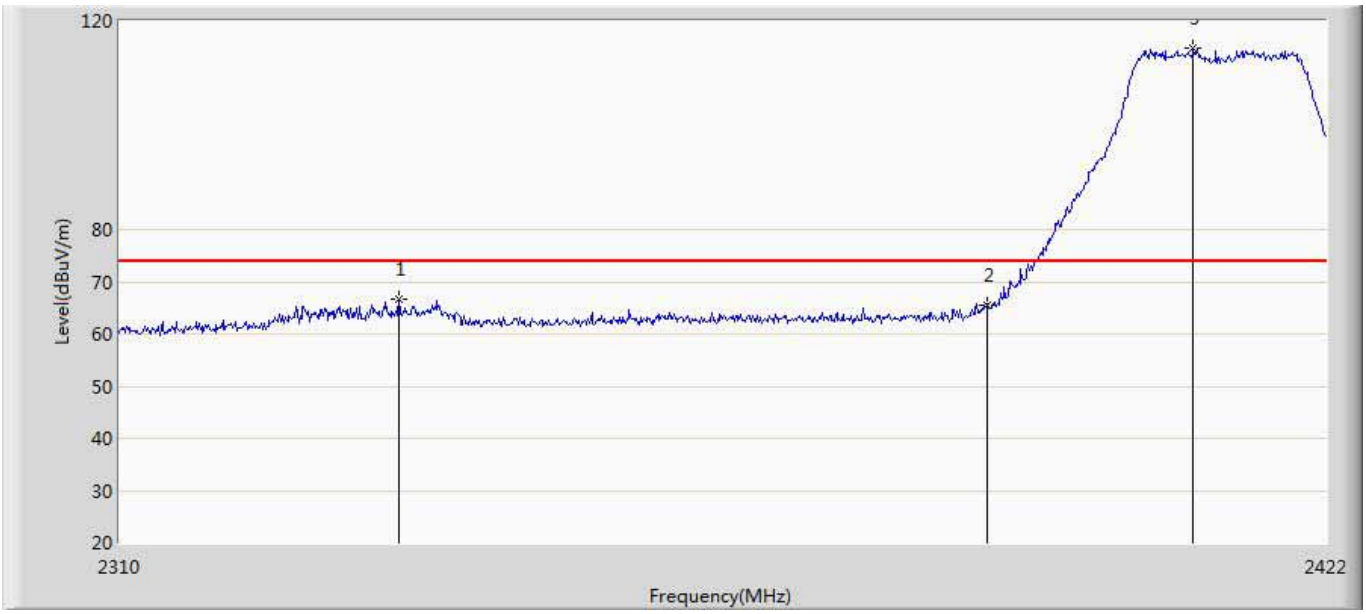
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2330.608	72.686	34.945	-1.314	74.000	37.741	PK
2		2330.608	72.686	34.945	-1.314	74.000	37.741	PK
3		2390.000	69.346	31.483	-4.654	74.000	37.863	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2412	



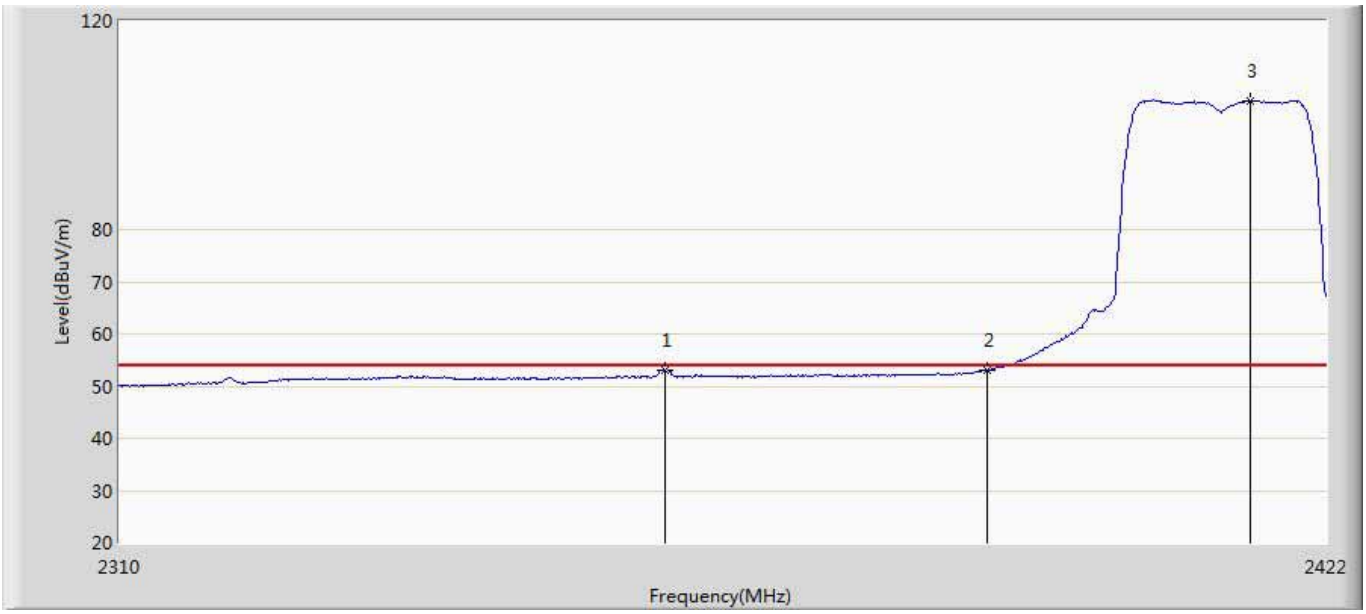
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.455	15.592	-0.545	54.000	37.863	AV
2	*	2418.192	101.933	64.060	47.933	54.000	37.873	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2412	



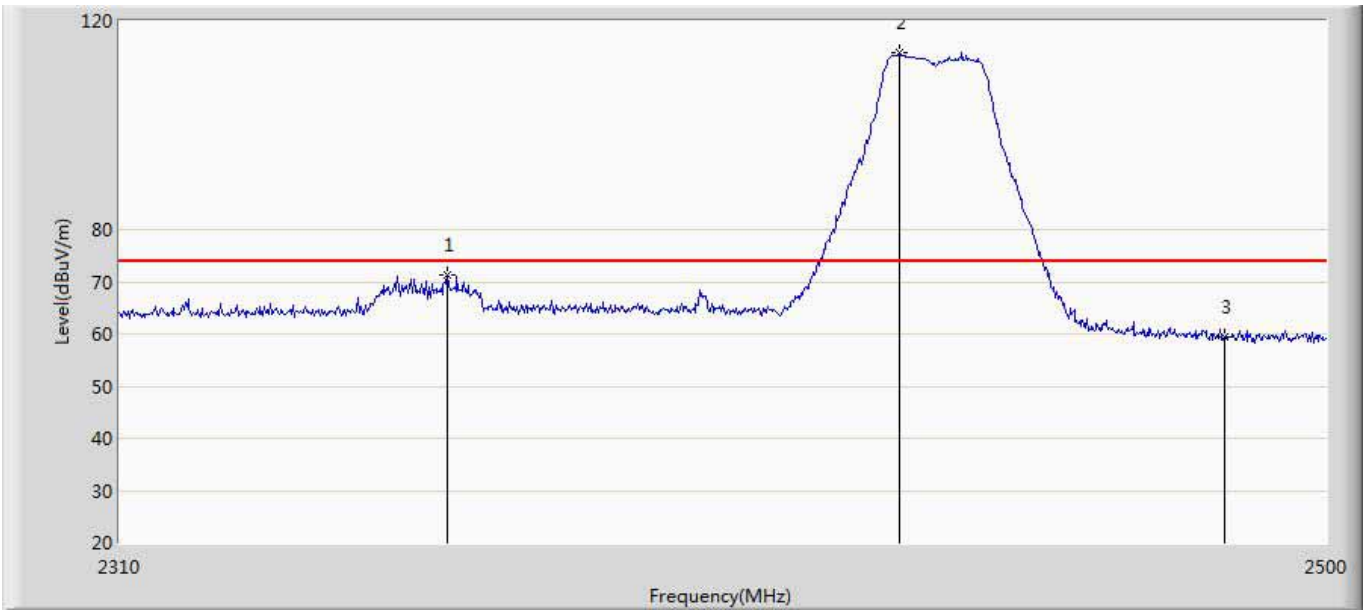
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2335.536	66.798	29.055	-7.202	74.000	37.743	PK
2		2390.000	65.469	27.606	-8.531	74.000	37.863	PK
3	*	2409.456	114.681	76.848	40.681	74.000	37.833	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2412	



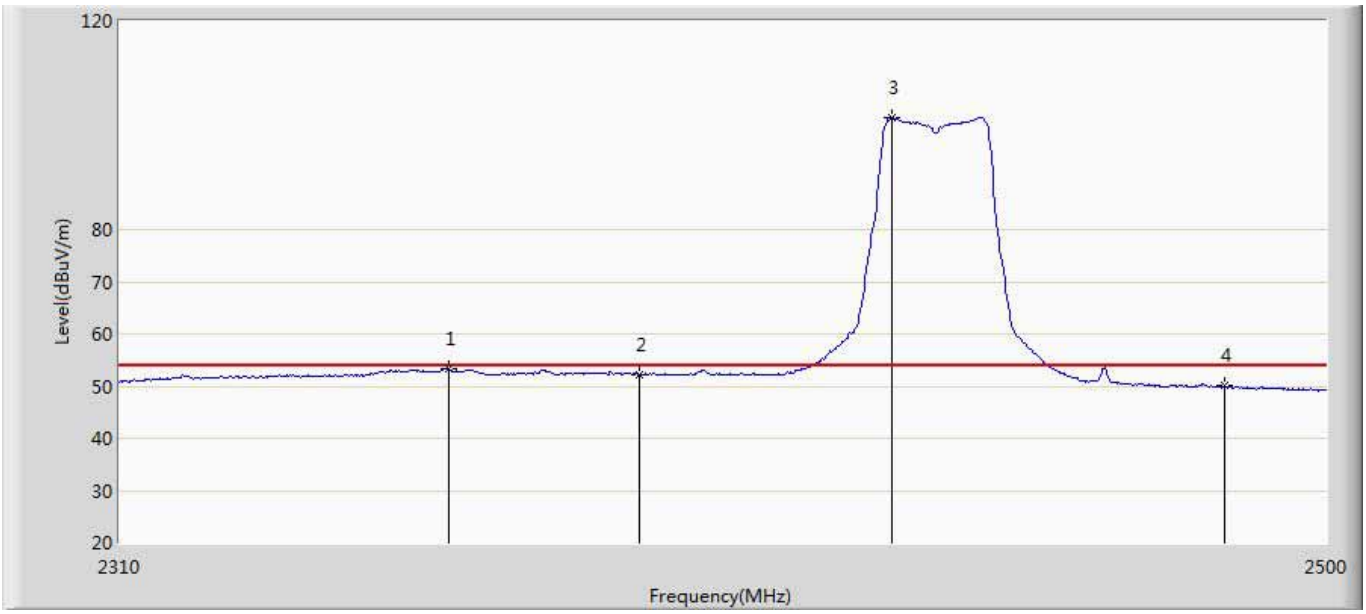
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2359.952	53.154	15.338	-0.846	54.000	37.816	AV
2		2390.000	53.051	15.188	-0.949	54.000	37.863	AV
3	*	2414.832	104.649	66.796	50.649	54.000	37.854	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2437	



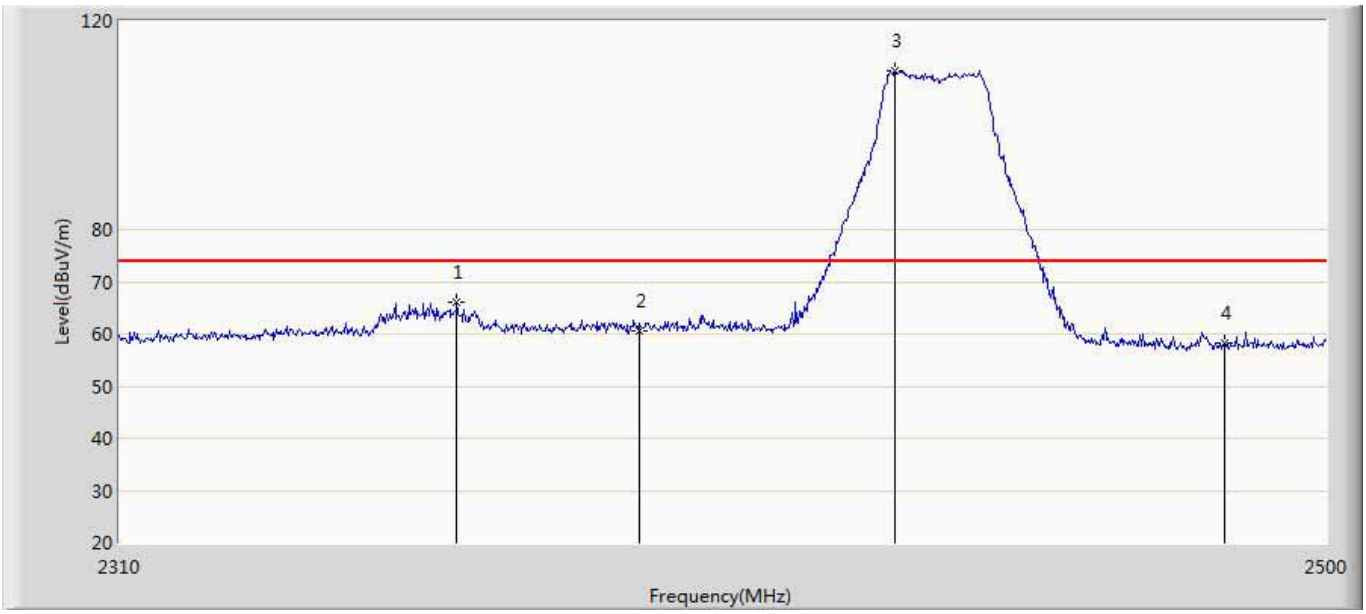
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2360.160	71.376	33.559	-2.624	74.000	37.817	PK
2	*	2431.030	113.846	75.915	39.846	74.000	37.932	PK
3		2483.500	59.321	21.283	-14.679	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2437	



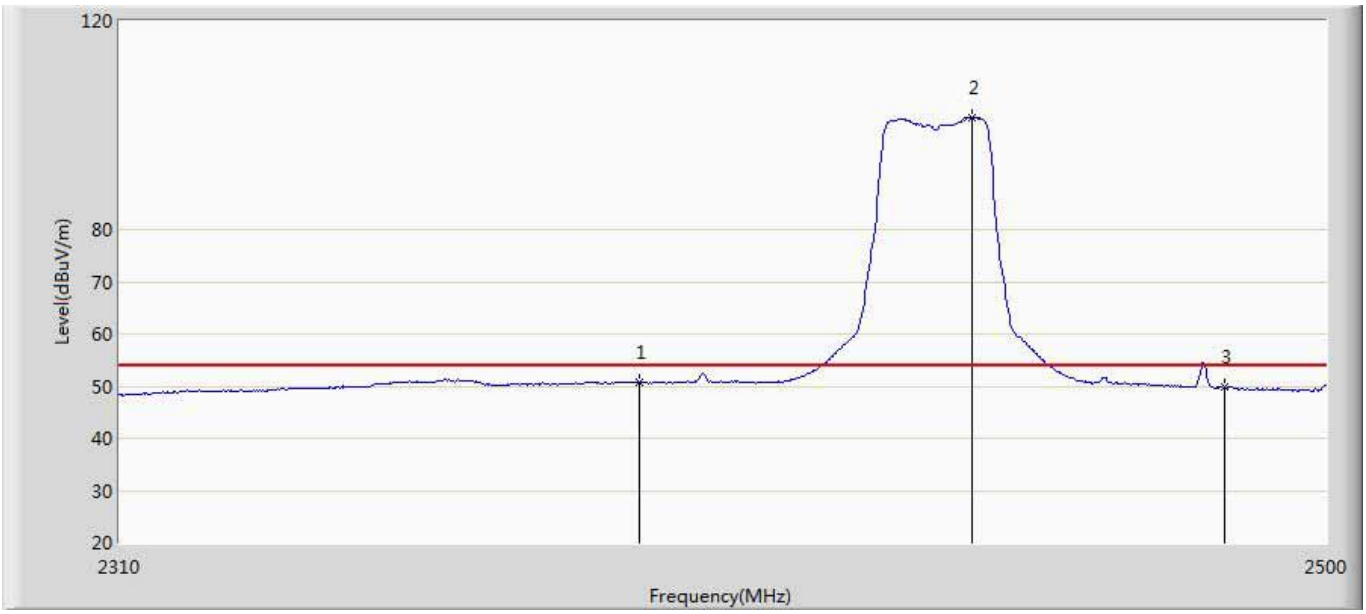
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2360.350	53.431	15.613	-0.569	54.000	37.818	AV
2		2390.000	52.233	14.370	-1.767	54.000	37.863	AV
3	*	2429.890	101.560	63.630	47.560	54.000	37.930	AV
4		2483.500	50.106	12.068	-3.894	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2437	



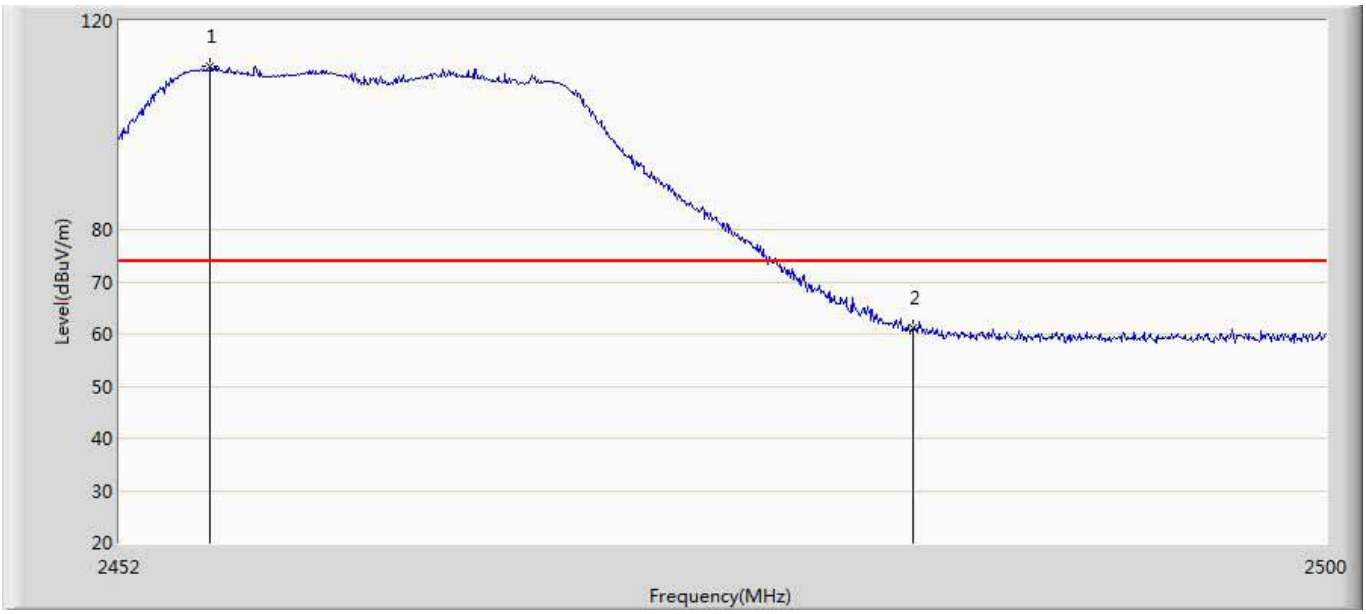
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2361.680	65.951	28.126	-8.049	74.000	37.826	PK
2		2390.000	60.633	22.770	-13.367	74.000	37.863	PK
3	*	2430.460	110.457	72.526	36.457	74.000	37.931	PK
4		2483.500	58.160	20.122	-15.840	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2437	



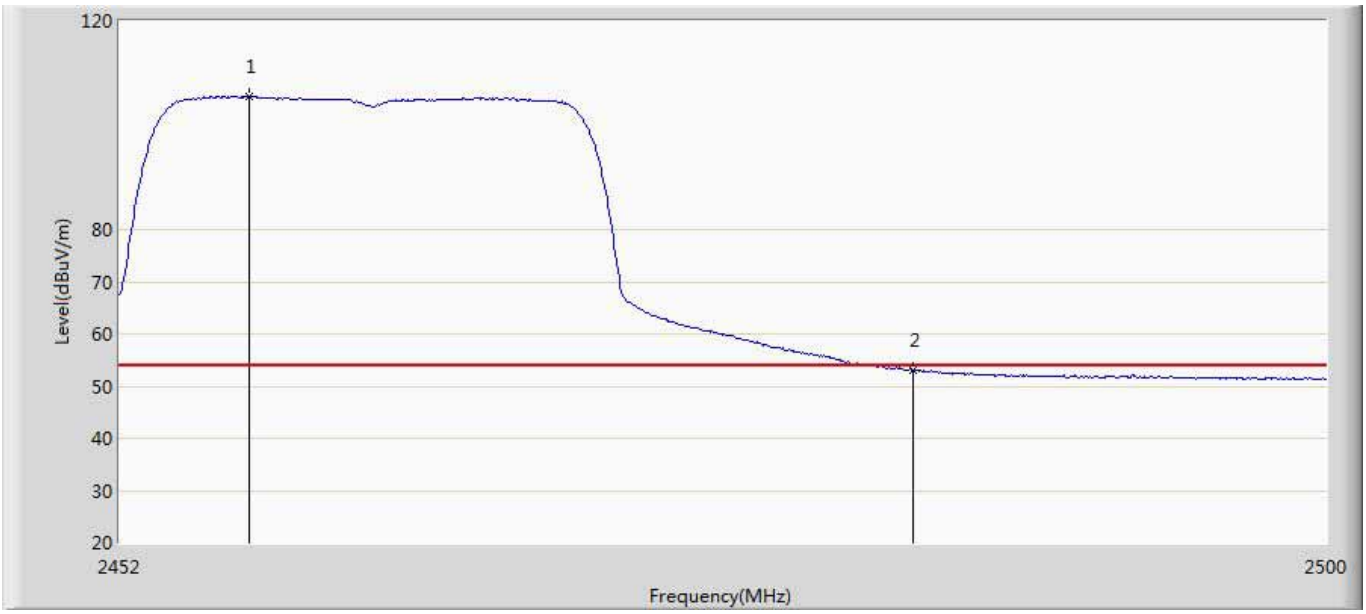
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.684	12.821	-3.316	54.000	37.863	AV
2	*	2442.810	101.326	63.387	47.326	54.000	37.938	AV
3		2483.500	49.732	11.694	-4.268	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2462	



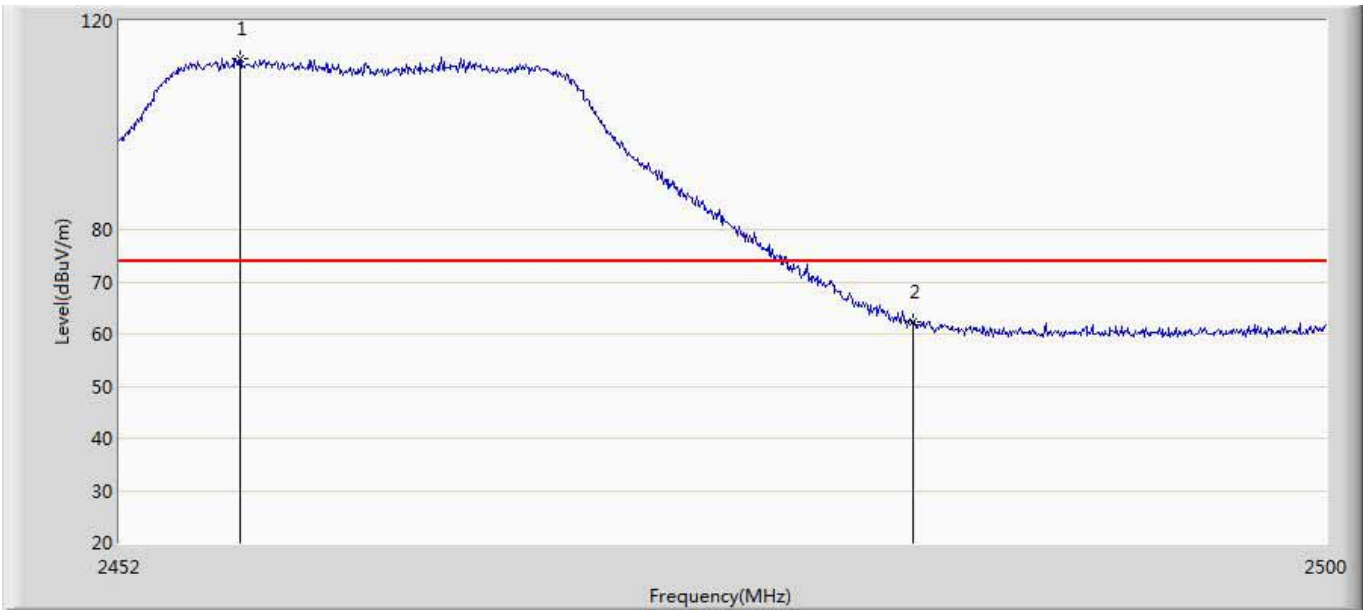
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.600	111.398	73.416	37.398	74.000	37.982	PK
2		2483.500	61.133	23.095	-12.867	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 17:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2462	



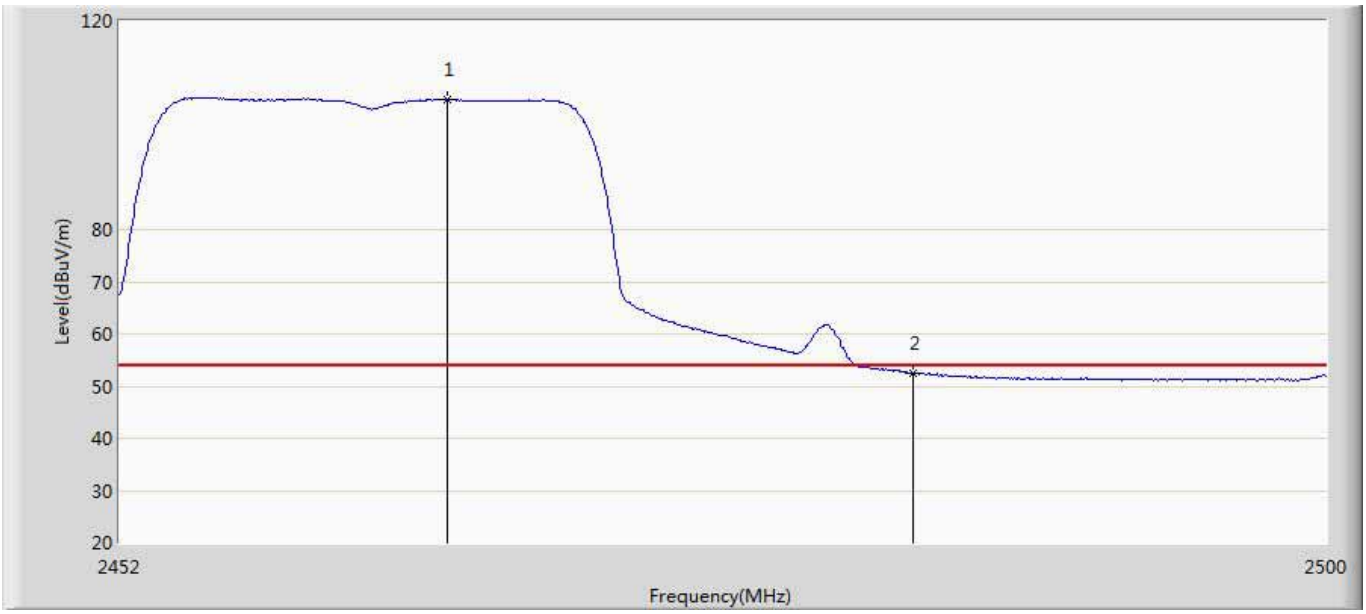
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.136	105.545	67.557	51.545	54.000	37.988	AV
2		2483.500	53.034	14.996	-0.966	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2462	



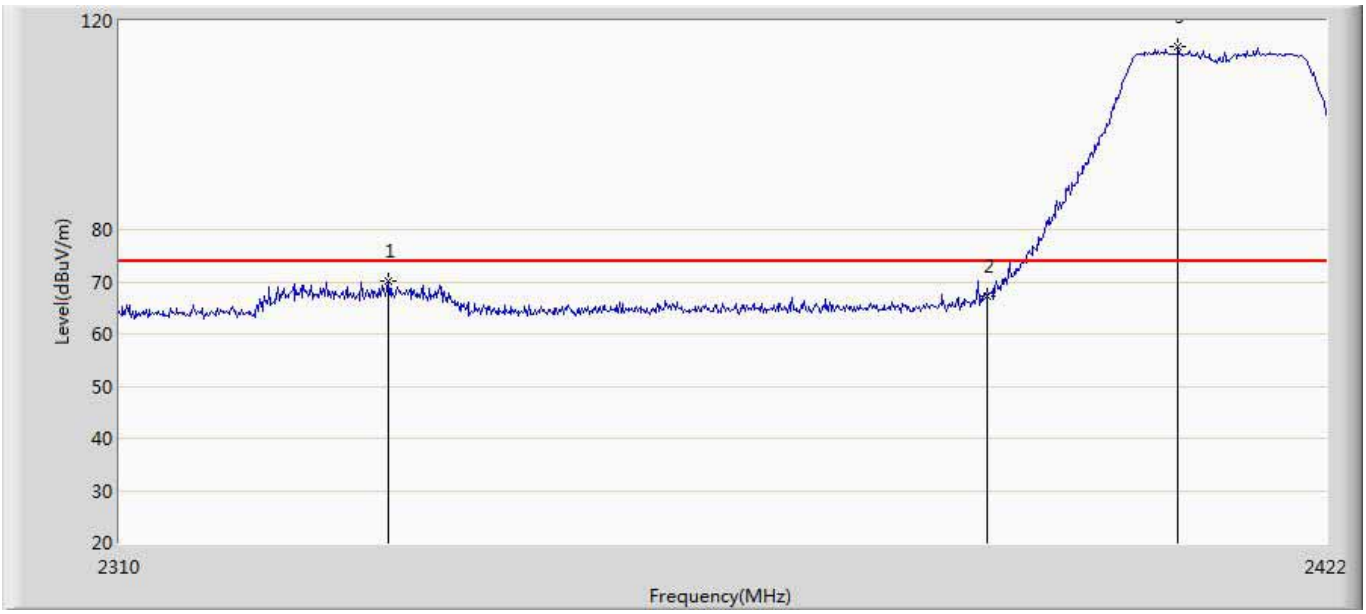
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.752	112.884	74.897	38.884	74.000	37.987	PK
2		2483.500	62.227	24.189	-11.773	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 2 Transmit at 802.11g ch2462	



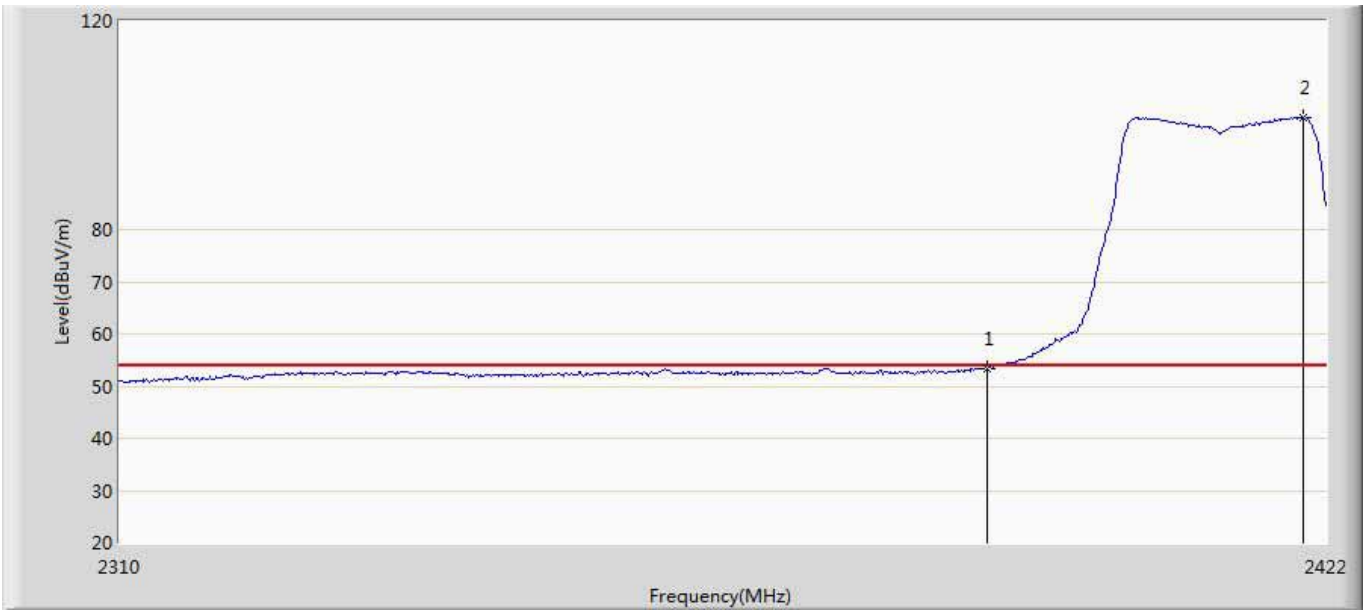
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.960	104.949	66.942	50.949	54.000	38.008	AV
2		2483.500	52.501	14.463	-1.499	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2412	



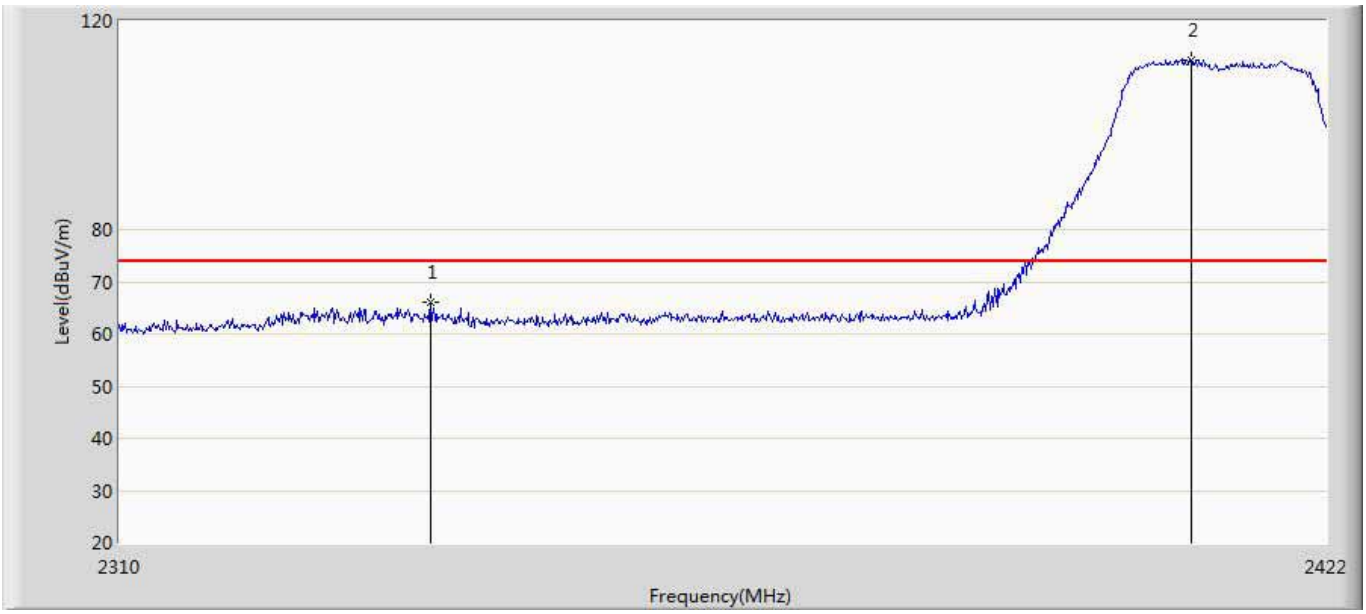
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2334.528	70.062	32.320	-3.938	74.000	37.743	PK
2		2390.000	67.254	29.391	-6.746	74.000	37.863	PK
3	*	2408.000	114.979	77.145	40.979	74.000	37.834	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2412	



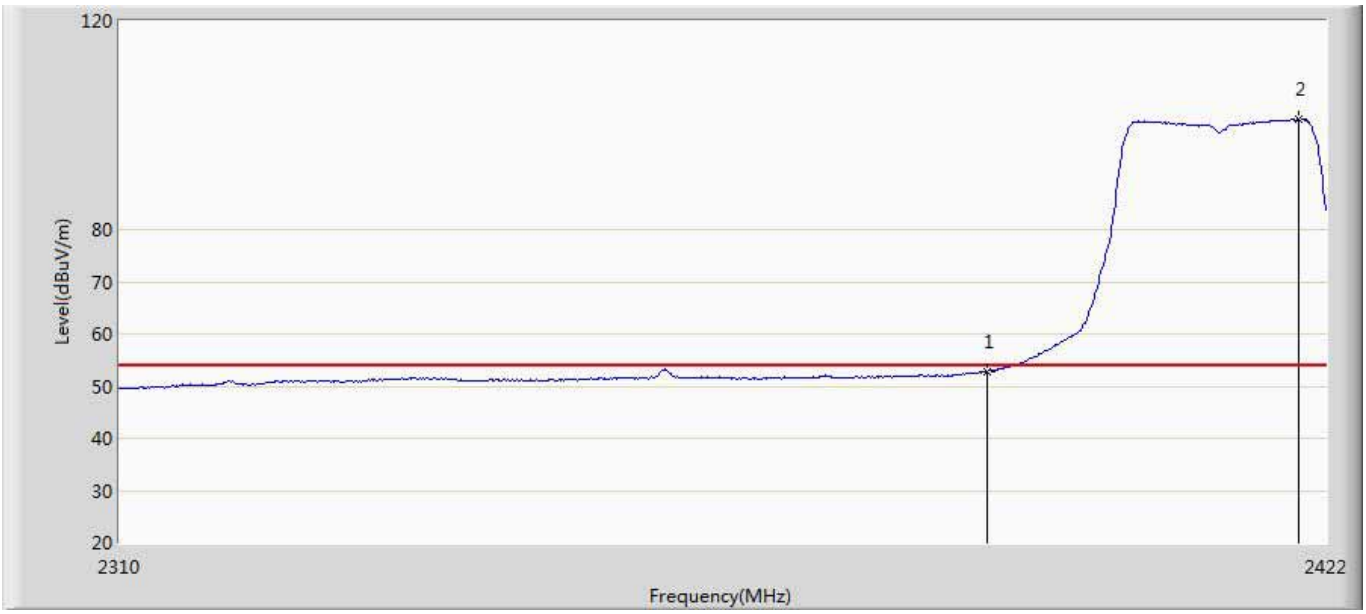
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.410	15.547	-0.590	54.000	37.863	AV
2	*	2419.872	101.559	63.677	47.559	54.000	37.882	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2412	



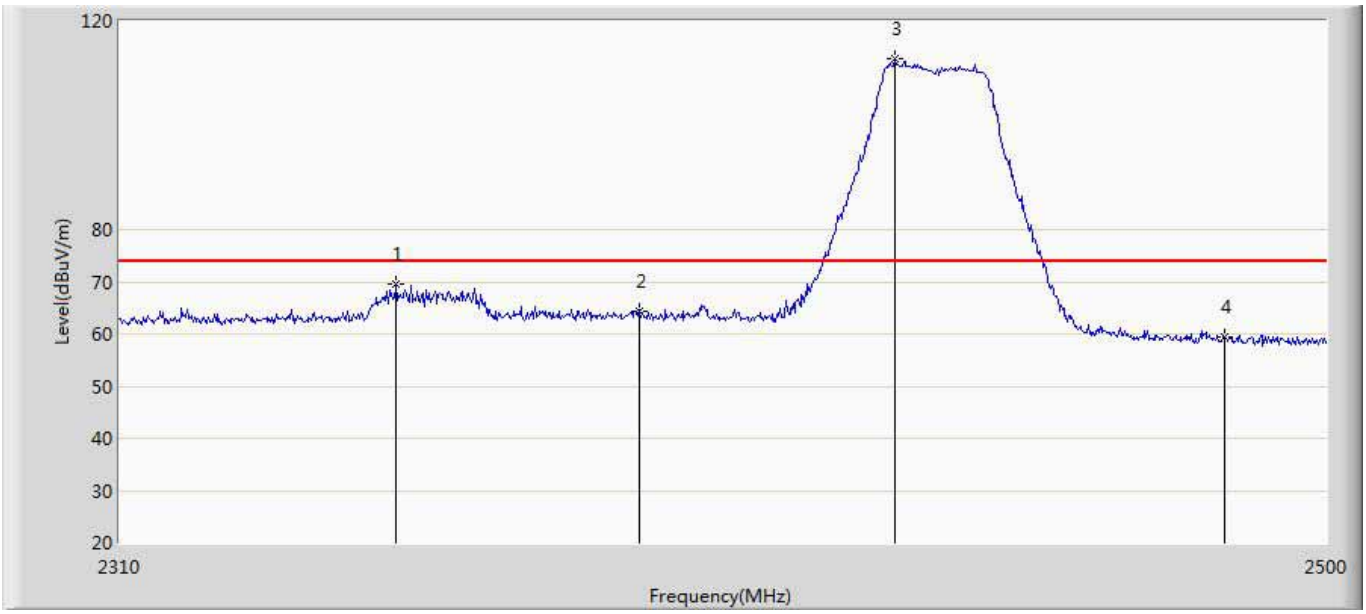
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2338.448	65.951	28.208	-8.049	74.000	37.743	PK
2	*	2409.232	112.553	74.720	38.553	74.000	37.833	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2412	



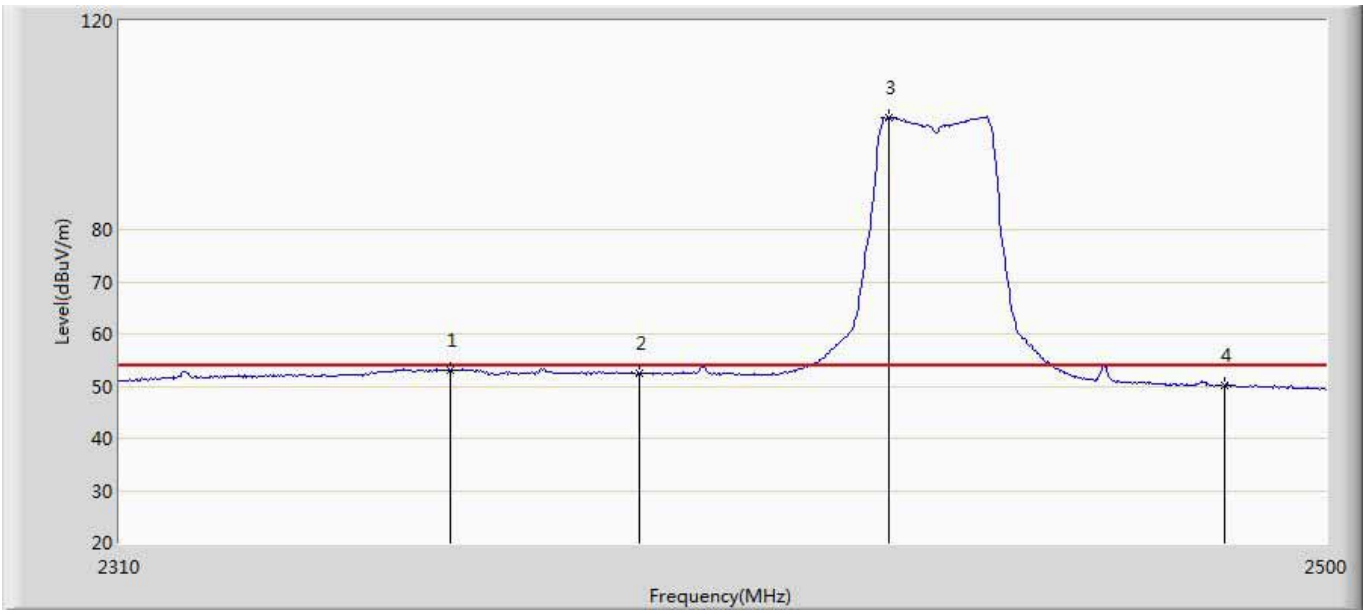
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.827	14.964	-1.173	54.000	37.863	AV
2	*	2419.424	101.025	63.145	47.025	54.000	37.879	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2437	



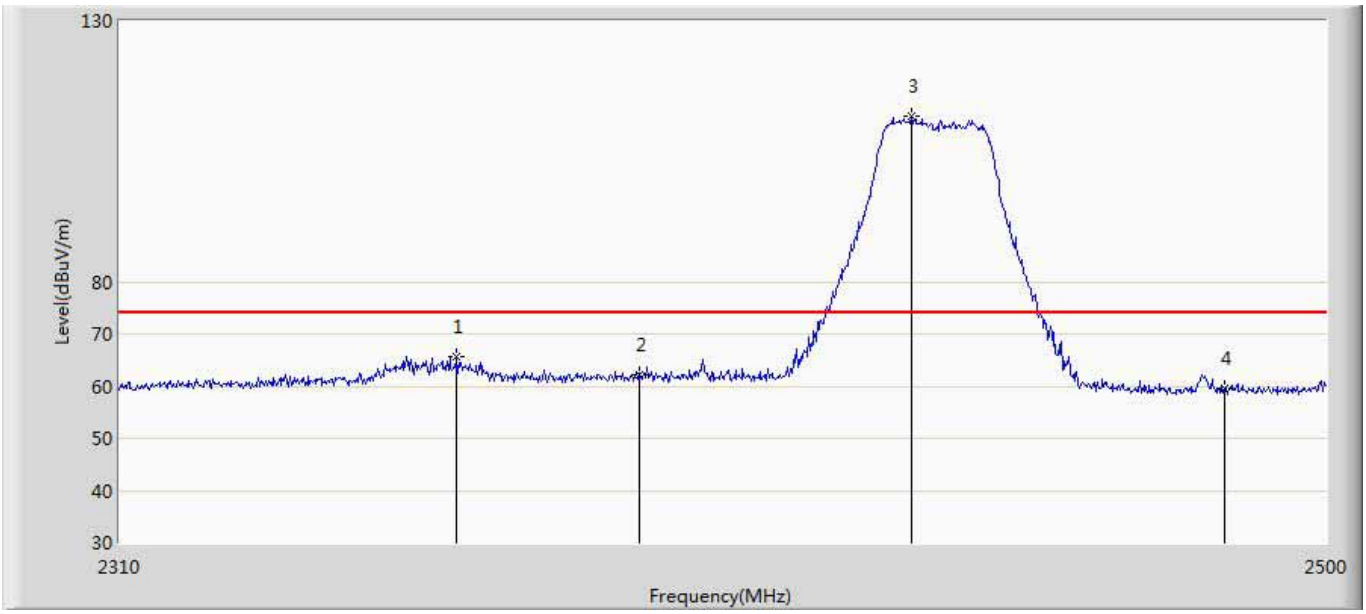
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2352.370	69.505	31.721	-4.495	74.000	37.784	PK
2		2390.000	64.415	26.552	-9.585	74.000	37.863	PK
3	*	2430.460	112.831	74.900	38.831	74.000	37.931	PK
4		2483.500	59.284	21.246	-14.716	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2437	



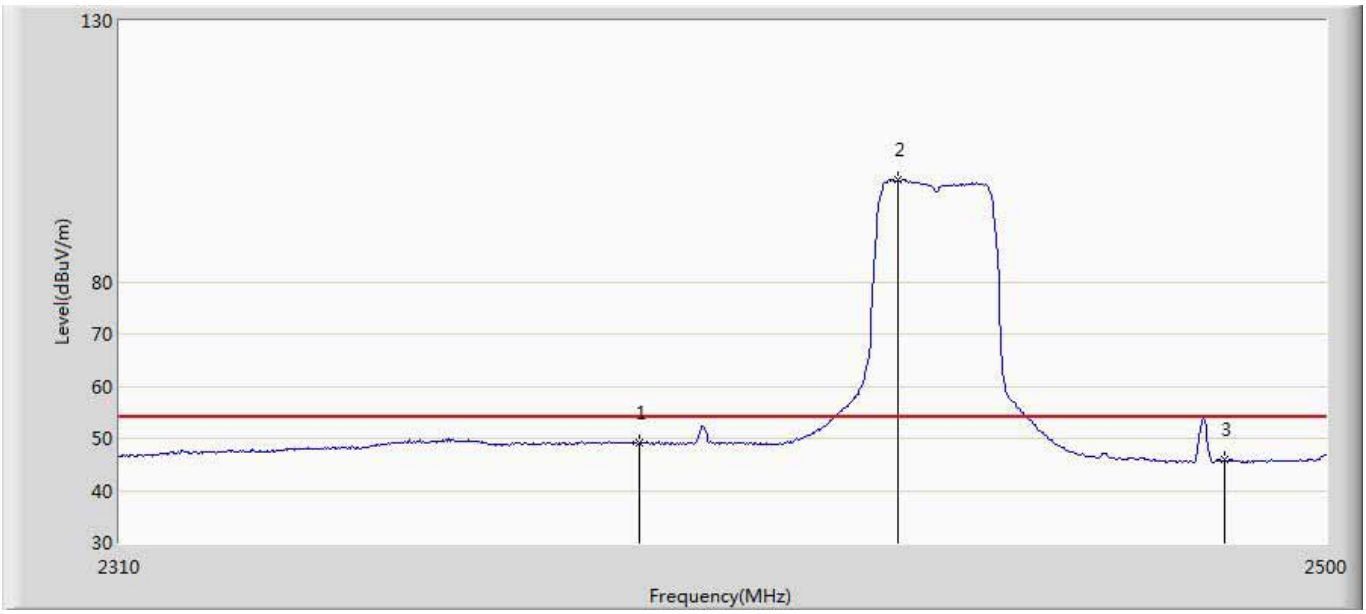
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2360.540	53.083	15.264	-0.917	54.000	37.819	AV
2		2390.000	52.529	14.666	-1.471	54.000	37.863	AV
3	*	2429.510	101.561	63.631	47.561	54.000	37.930	AV
4		2483.500	50.208	12.170	-3.792	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2437	



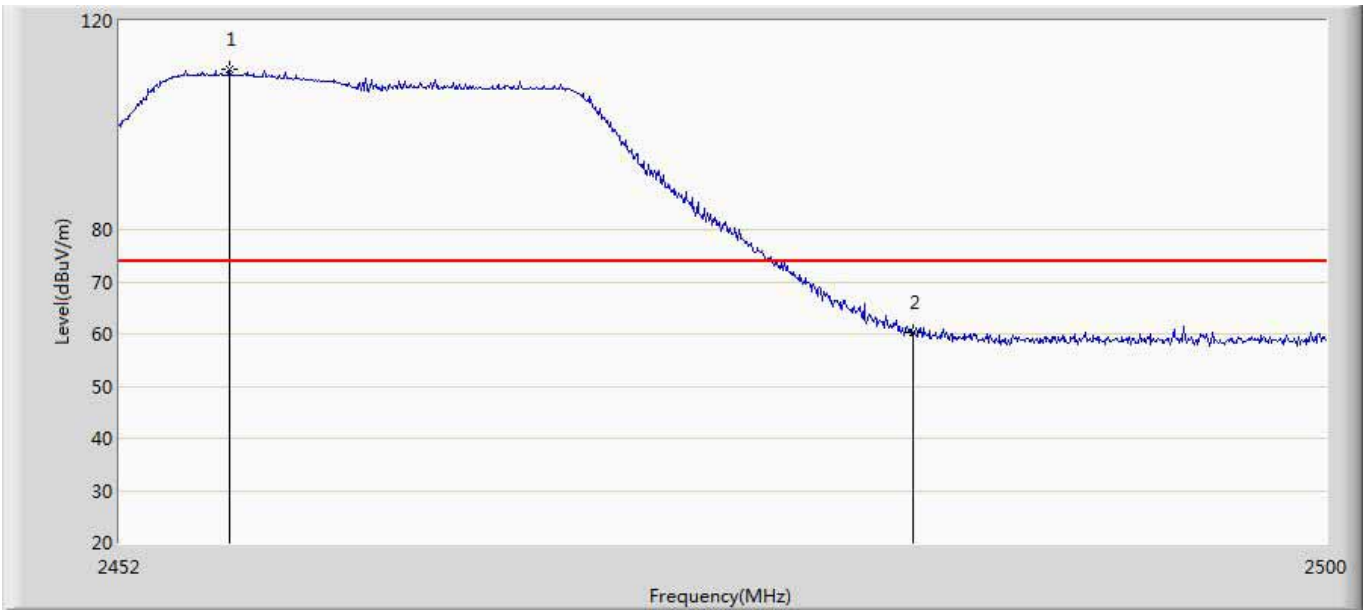
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2361.680	65.579	27.754	-8.421	74.000	37.826	PK
2		2390.000	62.288	24.425	-11.712	74.000	37.863	PK
3	*	2433.120	111.710	73.778	37.710	74.000	37.932	PK
4		2483.500	59.679	21.641	-14.321	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2437	



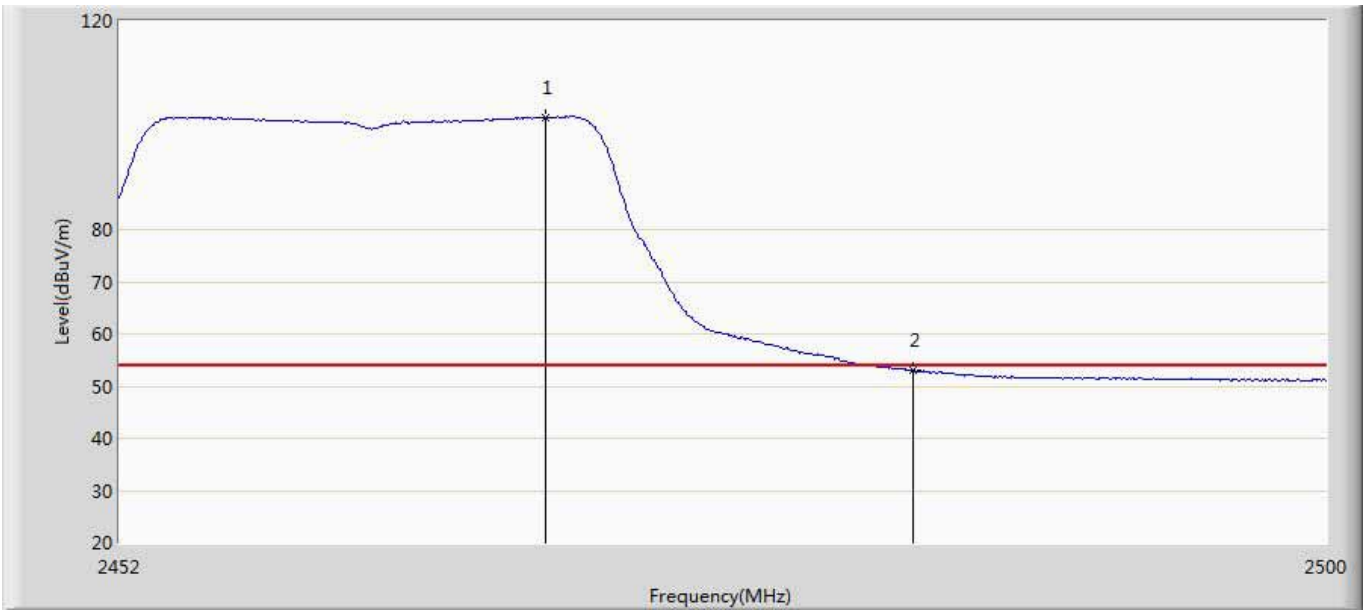
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.116	11.253	-4.884	54.000	37.863	AV
2	*	2430.840	99.557	61.626	45.557	54.000	37.931	AV
3		2483.500	45.828	7.790	-8.172	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2462	



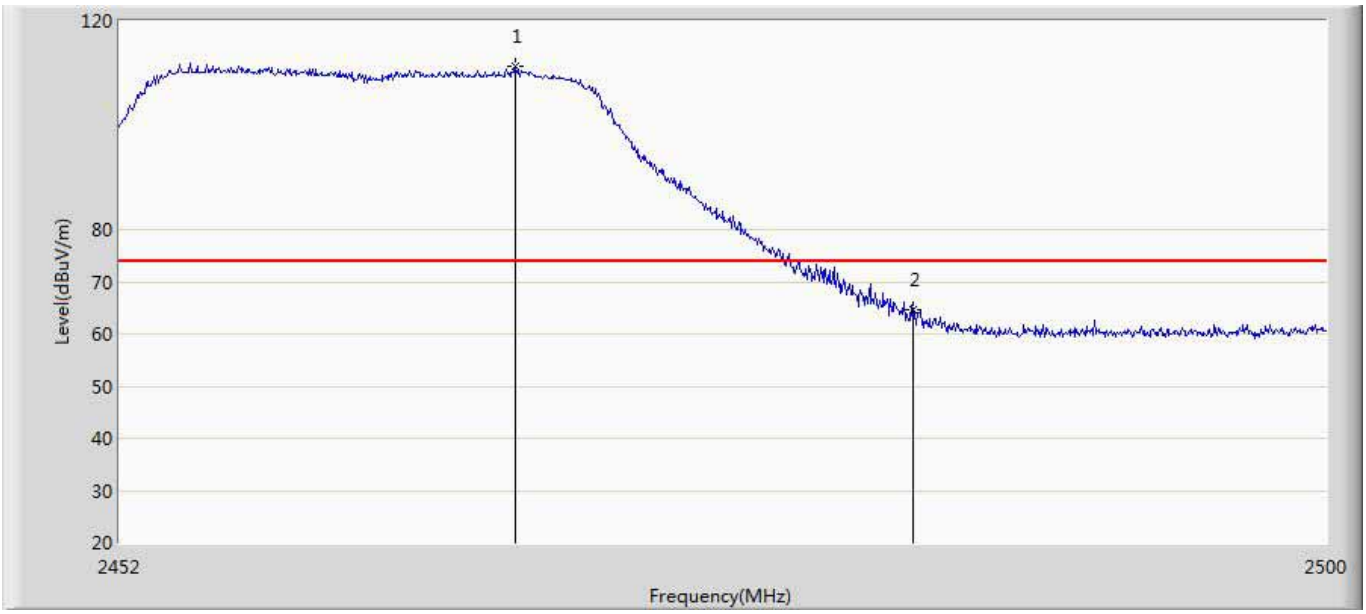
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.368	110.666	72.681	36.666	74.000	37.985	PK
2		2483.500	60.232	22.194	-13.768	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2462	



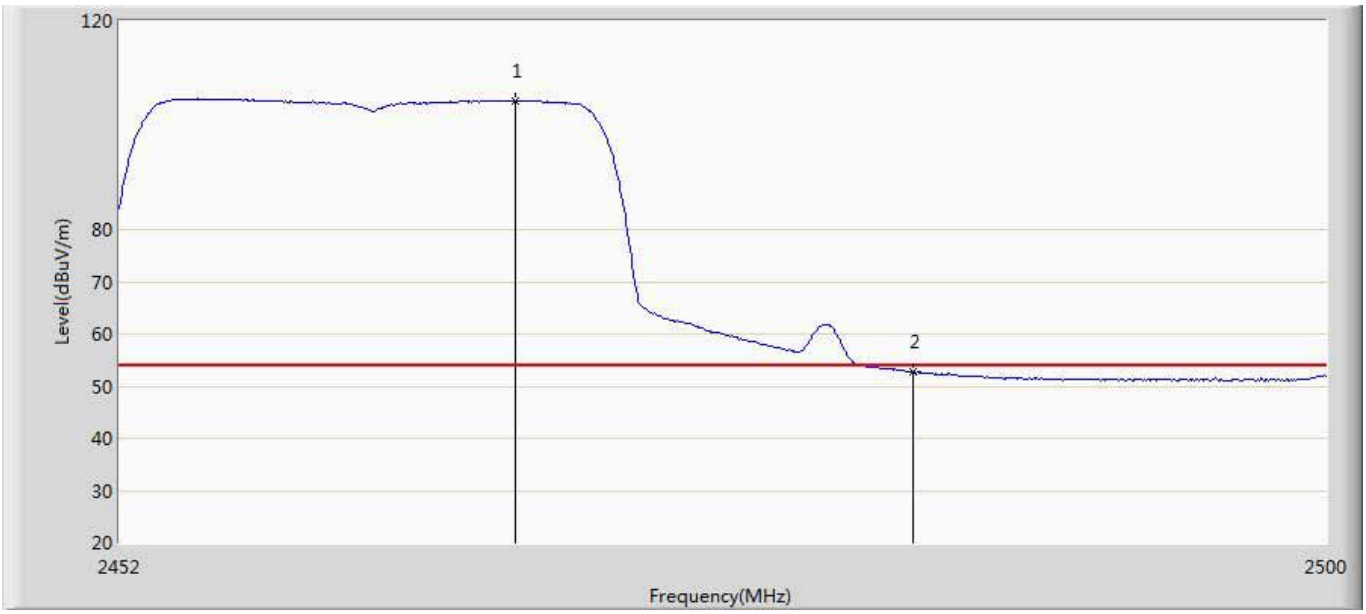
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2468.848	101.530	63.523	47.530	54.000	38.007	AV
2		2483.500	53.029	14.991	-0.971	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2462	



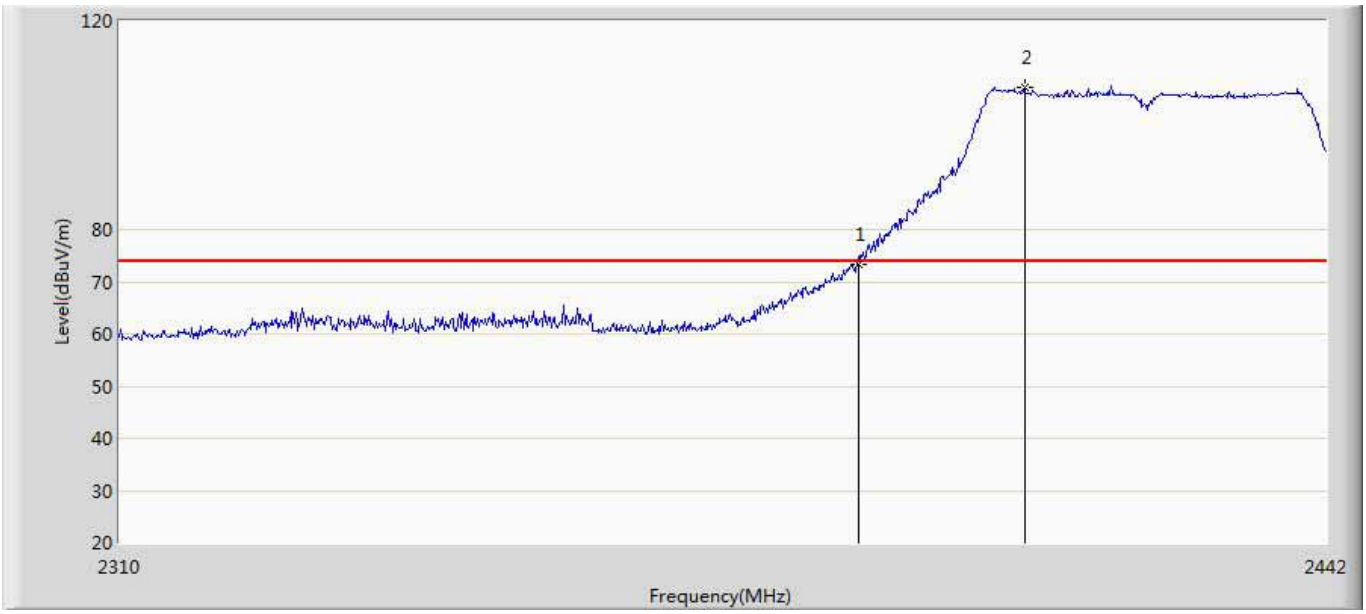
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.648	111.191	73.184	37.191	74.000	38.007	PK
2		2483.500	64.516	26.478	-9.484	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 3 Transmit at 802.11n20 ch2462	



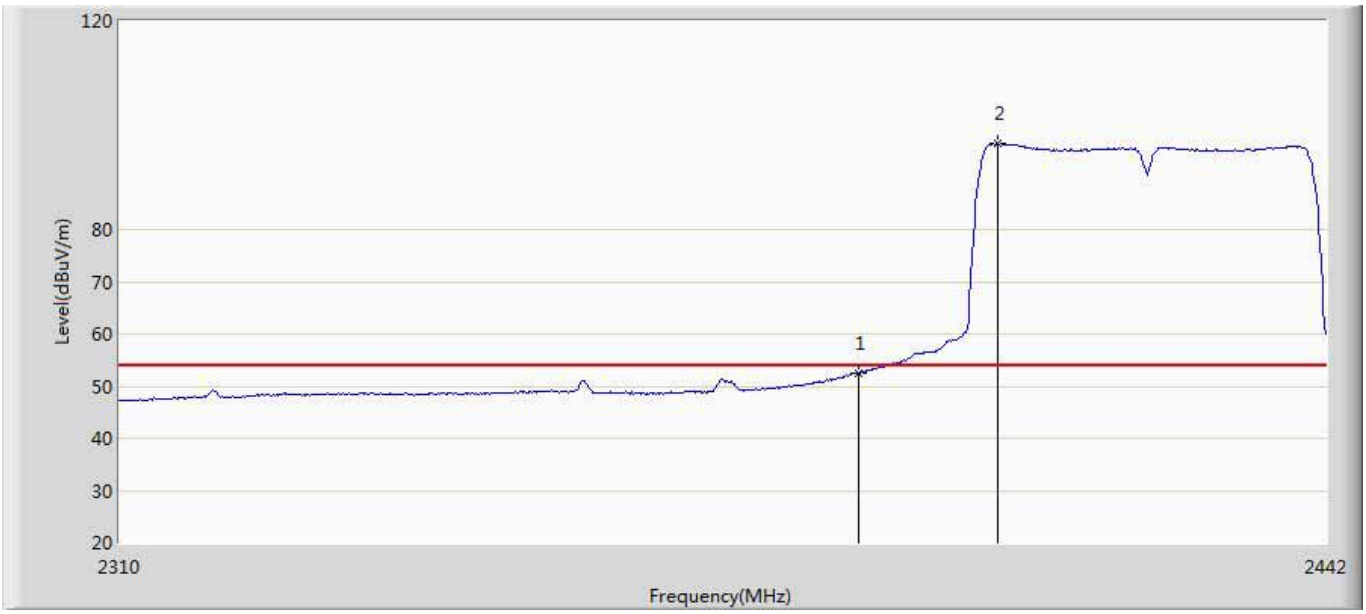
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.648	104.704	66.697	50.704	54.000	38.007	AV
2		2483.500	52.660	14.622	-1.340	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2422	



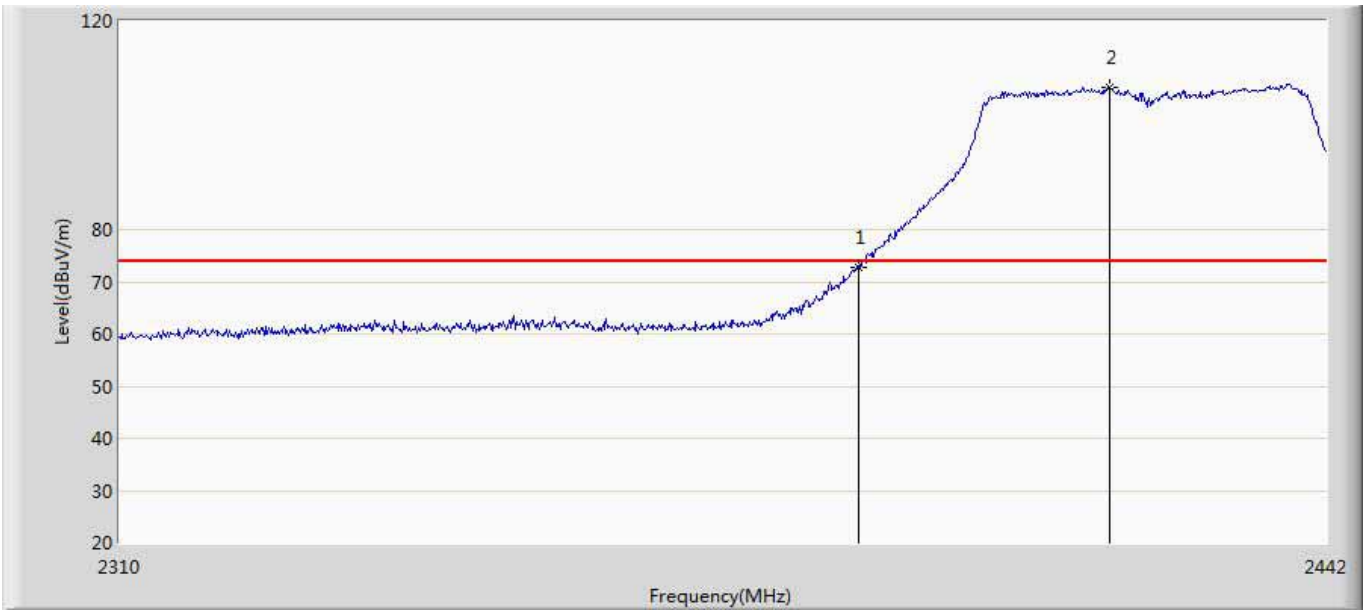
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	73.334	35.471	-0.666	74.000	37.863	PK
2	*	2408.340	107.119	69.285	33.119	74.000	37.834	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2422	



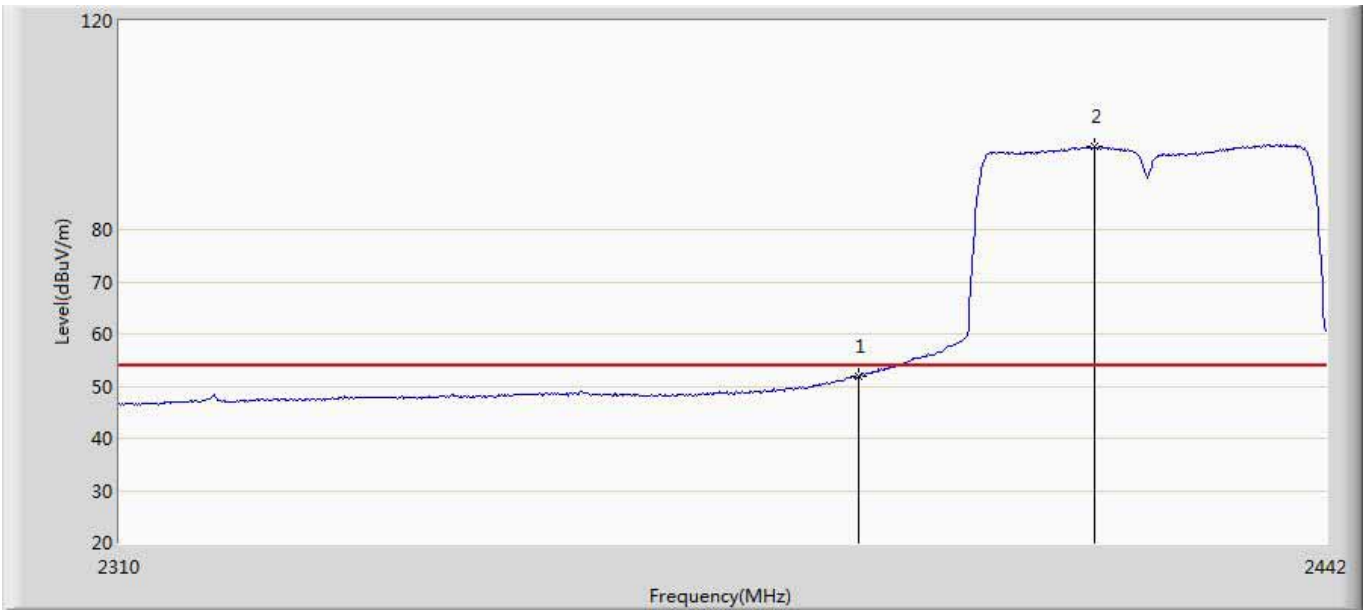
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.553	14.690	-1.447	54.000	37.863	AV
2	*	2405.304	96.434	58.597	42.434	54.000	37.837	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2422	



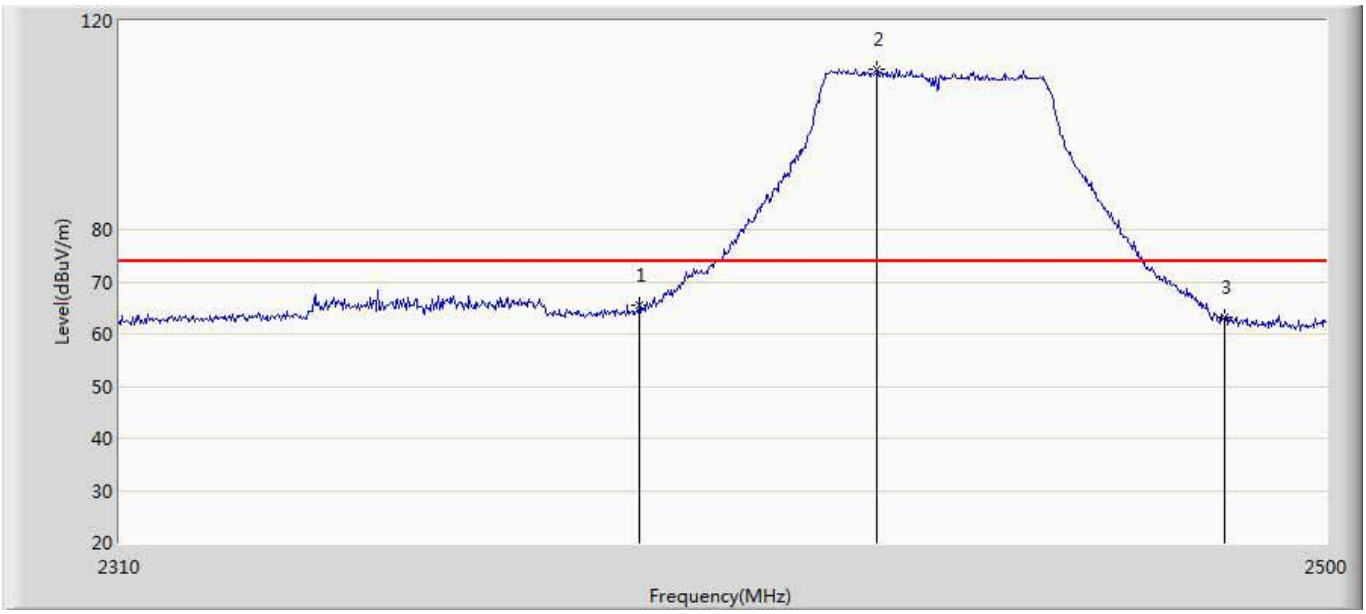
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	72.879	35.016	-1.121	74.000	37.863	PK
2	*	2417.844	107.196	69.325	33.196	74.000	37.870	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2422	



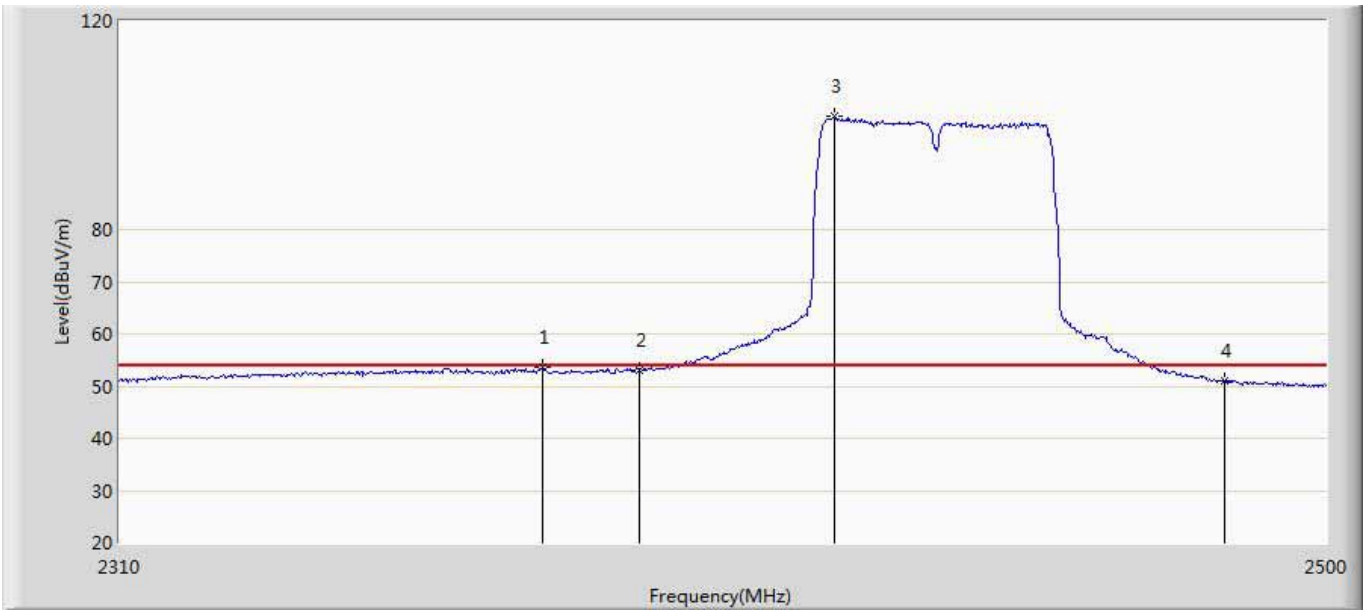
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.951	14.088	-2.049	54.000	37.863	AV
2	*	2416.128	95.864	58.003	41.864	54.000	37.861	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2437	



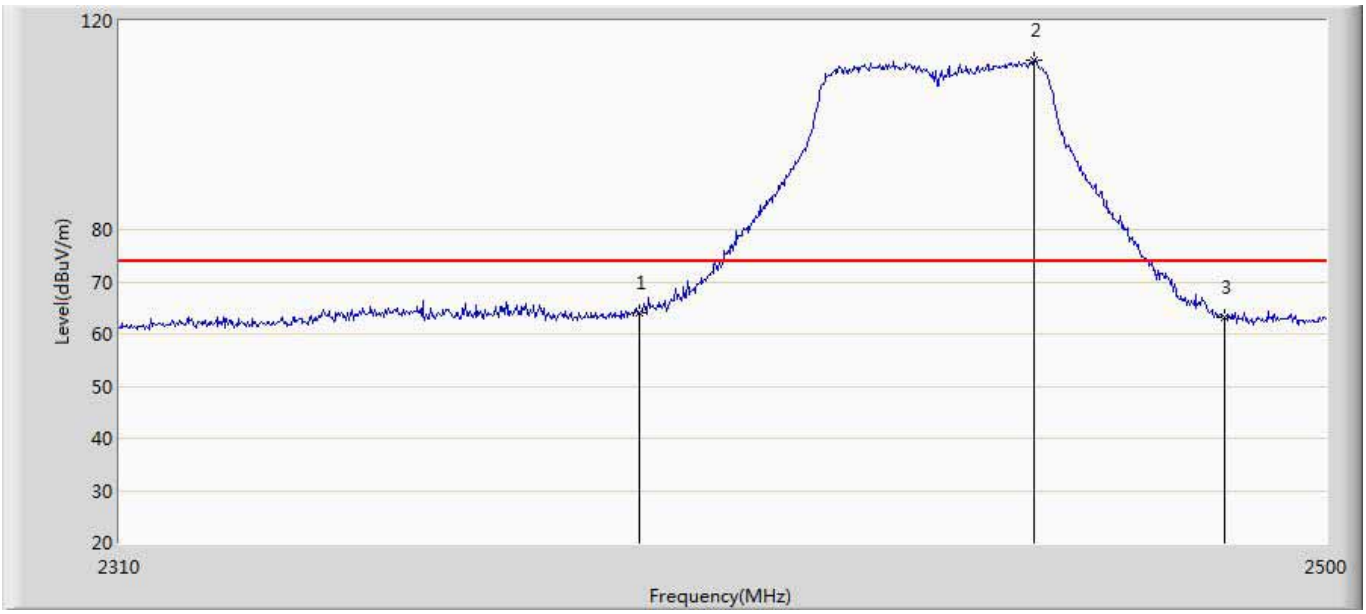
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	65.504	27.641	-8.496	74.000	37.863	PK
2	*	2427.610	110.664	72.737	36.664	74.000	37.927	PK
3		2483.500	63.193	25.155	-10.807	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2437	



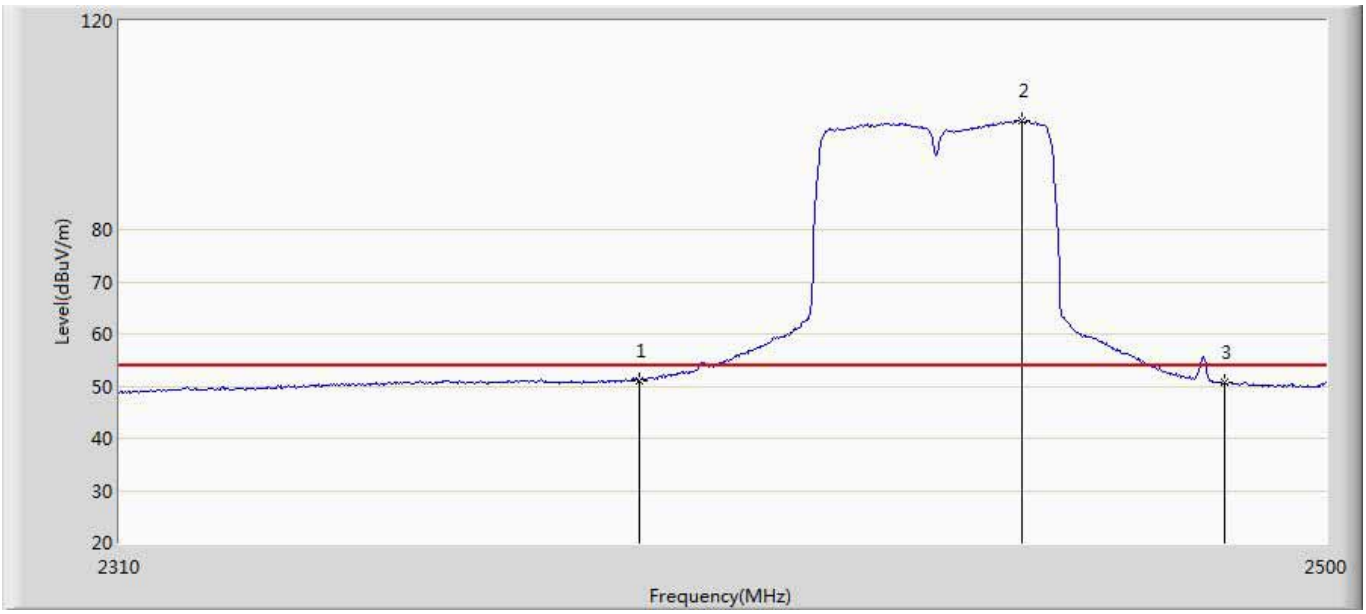
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2374.980	53.620	15.719	-0.380	54.000	37.901	AV
2		2390.000	52.974	15.111	-1.026	54.000	37.863	AV
3	*	2420.770	101.619	63.731	47.619	54.000	37.888	AV
4		2483.500	50.941	12.903	-3.059	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2437	



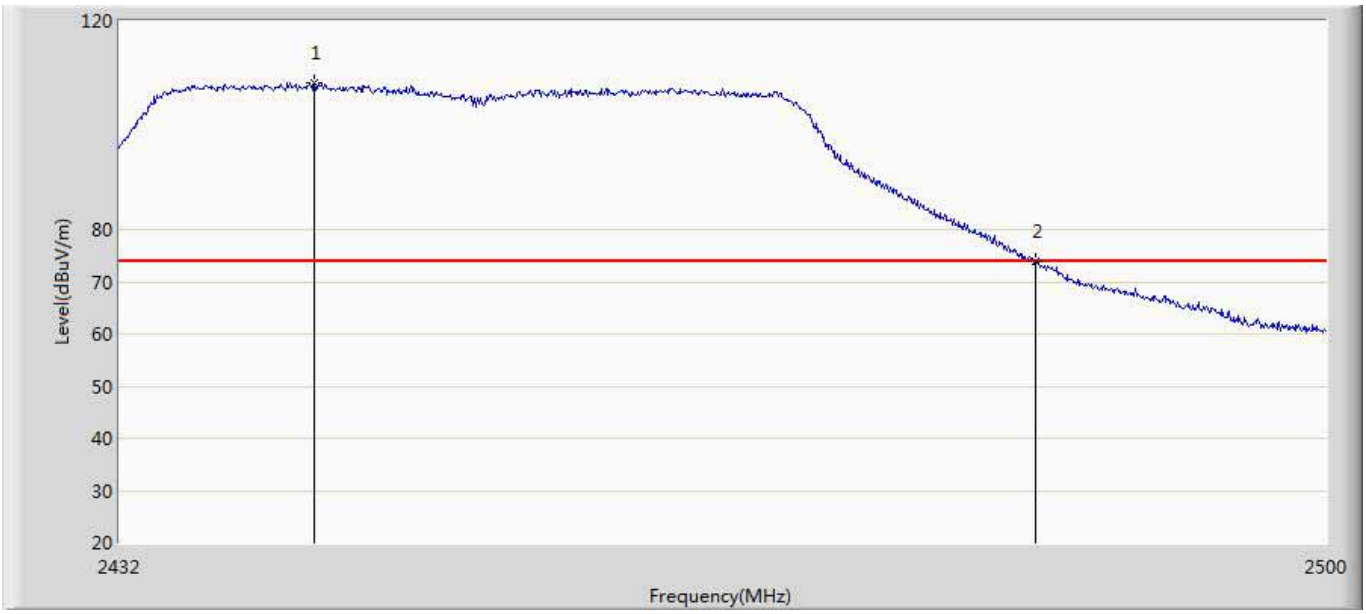
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	64.132	26.269	-9.868	74.000	37.863	PK
2	*	2452.690	112.403	74.432	38.403	74.000	37.971	PK
3		2483.500	63.232	25.194	-10.768	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2437	



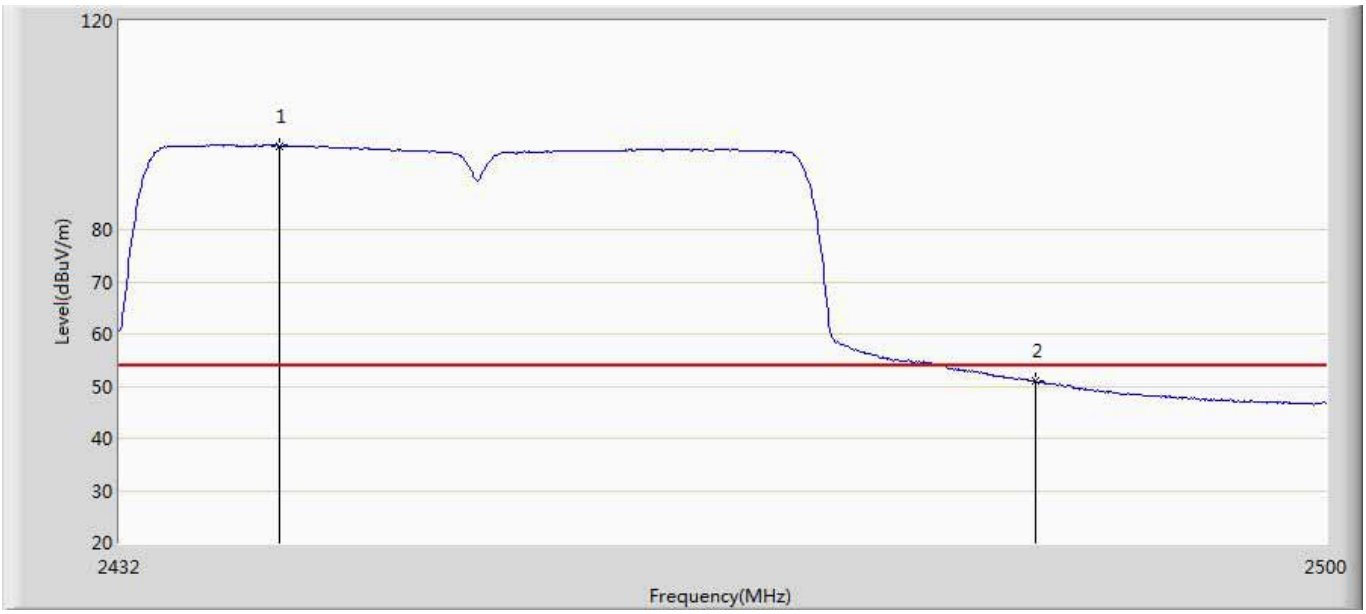
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.052	13.189	-2.948	54.000	37.863	AV
2	*	2450.790	100.795	62.832	46.795	54.000	37.963	AV
3		2483.500	50.703	12.665	-3.297	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 18:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2452	



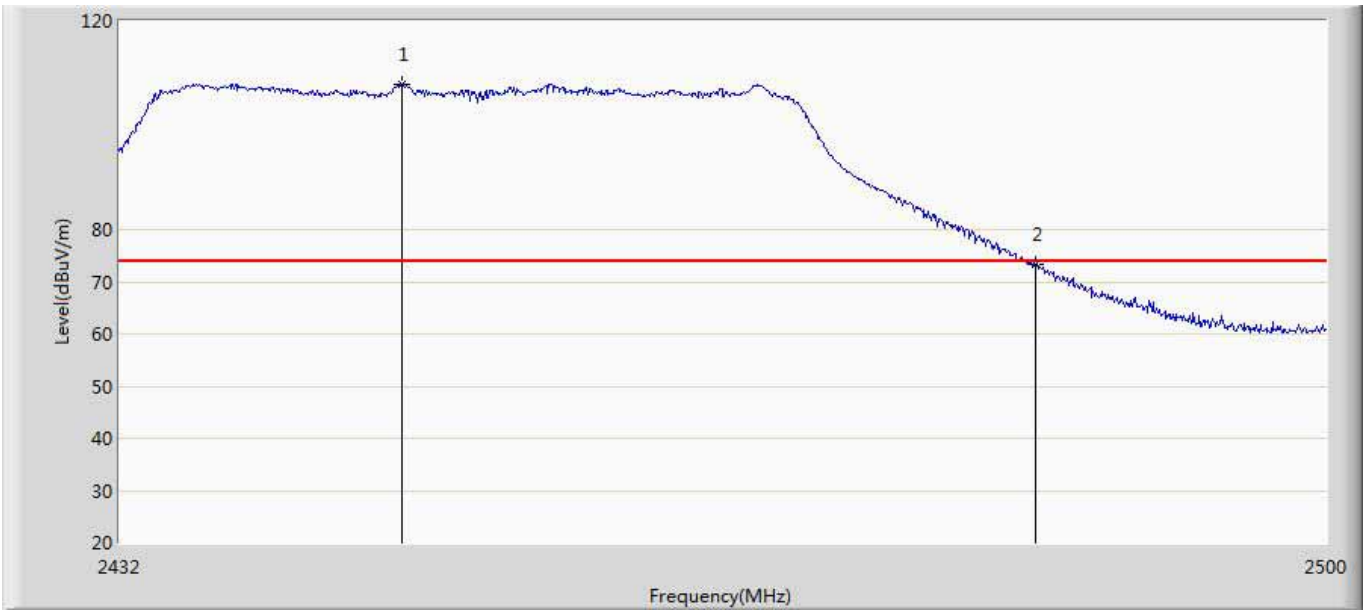
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2442.880	108.154	70.215	34.154	74.000	37.939	PK
2		2483.500	73.865	35.827	-0.135	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 19:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2452	



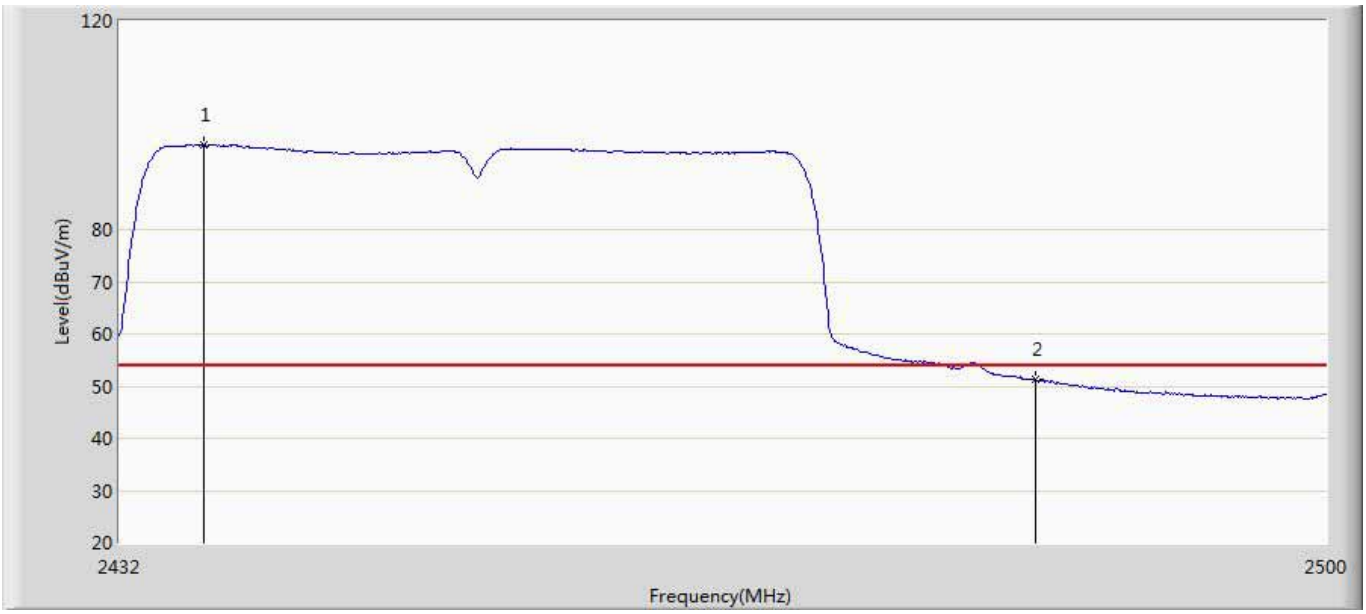
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2440.908	95.936	57.999	41.936	54.000	37.937	AV
2		2483.500	50.961	12.923	-3.039	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 19:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2452	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2447.776	107.790	69.839	33.790	74.000	37.951	PK
2		2483.500	73.236	35.198	-0.764	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/04/03 - 19:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: WBS210	Power: AC 120V/60Hz
Note: Mode 4 Transmit at 802.11n40 ch2452	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2436.692	96.092	58.157	42.092	54.000	37.935	AV
2		2483.500	51.199	13.161	-2.801	54.000	38.038	AV

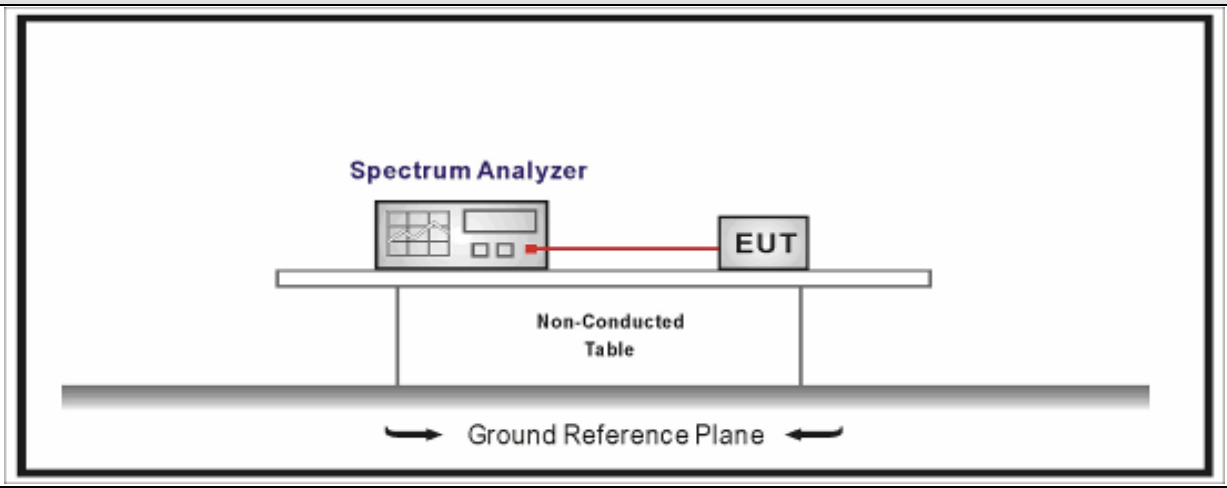
7. Occupied Bandwidth

7.1. Test Equipment

Occupied Bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2016.03.11	2017.03.10
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2015.04.10	2016.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup

Occupied Bandwidth test setup:



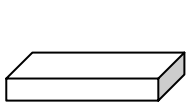
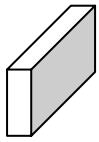
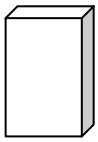
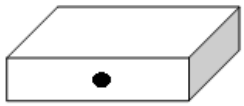
7.3. Limit

Occupied Bandwidth
Systems using digital modulation techniques operate in the2400-2483.5 MHz .The minimum 6 dB bandwidth shall be at least 500 kHz

7.4. Test Procedure

Test Method				
	Reference Rule		Chapter	Description
☒	ANSI C63.10		11.8	DTS bandwidth
	☐	ANSI C63.10	11.8.1	Option 1
	☒	ANSI C63.10	11.8.2	Option 2

7.5. EUT test definition

<table>
<tr><td>Item</td><td colspan="4">Occupied Bandwidth</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 0</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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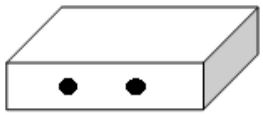
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 0</td><td>Chain 1</td><td>Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

7.6. Test Result

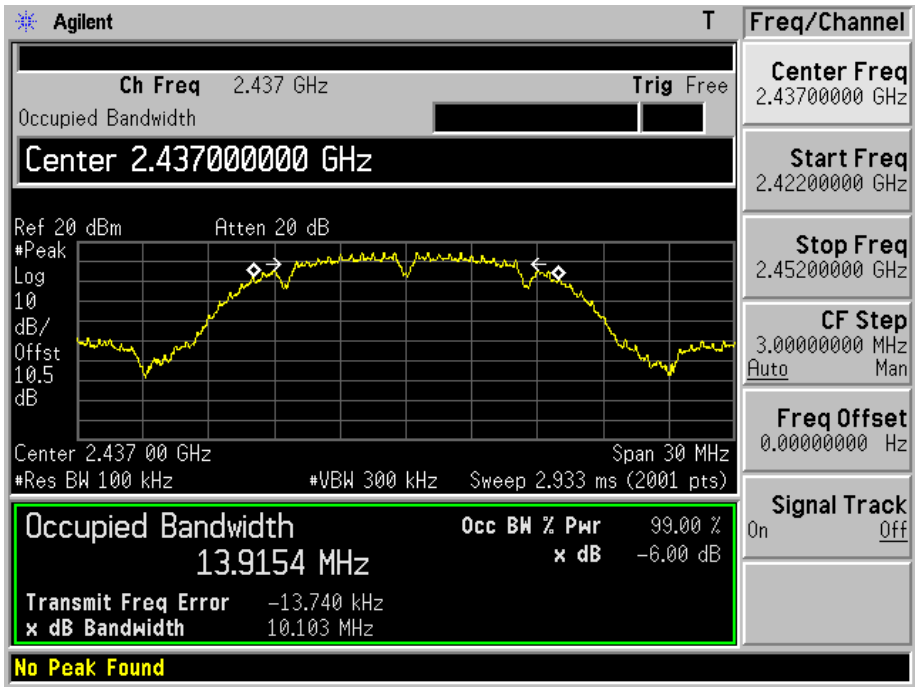
Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Test Power	:	AC 120V/60Hz
Test Site	:	TR-8			

Dipole Antenna:

Mode	CH.	Test Freq. (MHz)	99% Occupied Bandwidth (MHz)		6dB Occupied Bandwidth (MHz)		Limit (kHz)	Result
			Ant 0	Ant 1	Ant 0	Ant 1		
1	01	2412	13.9417	13.9030	10.181	10.191	>500	Pass
1	06	2437	13.9154	13.9253	10.103	10.194	>500	Pass
1	11	2462	13.9394	13.9363	10.192	10.177	>500	Pass
2	01	2412	16.4545	16.5048	16.349	16.352	>500	Pass
2	06	2437	16.4504	16.4993	16.351	16.335	>500	Pass
2	11	2462	16.4504	16.4780	16.360	16.370	>500	Pass
3	01	2412	17.6563	17.6592	17.590	17.573	>500	Pass
3	06	2437	17.6510	17.6665	17.572	17.574	>500	Pass
3	11	2462	17.6494	17.6647	17.573	17.587	>500	Pass
4	03	2422	36.2591	36.2815	36.391	36.391	>500	Pass
4	06	2437	36.2518	36.2956	36.399	36.376	>500	Pass
4	09	2452	36.2774	36.2810	36.376	36.370	>500	Pass

Note : The worst case of Occupied Bandwidth as below in next page:

Mode 1 CH06 (2437MHz) Ant 0



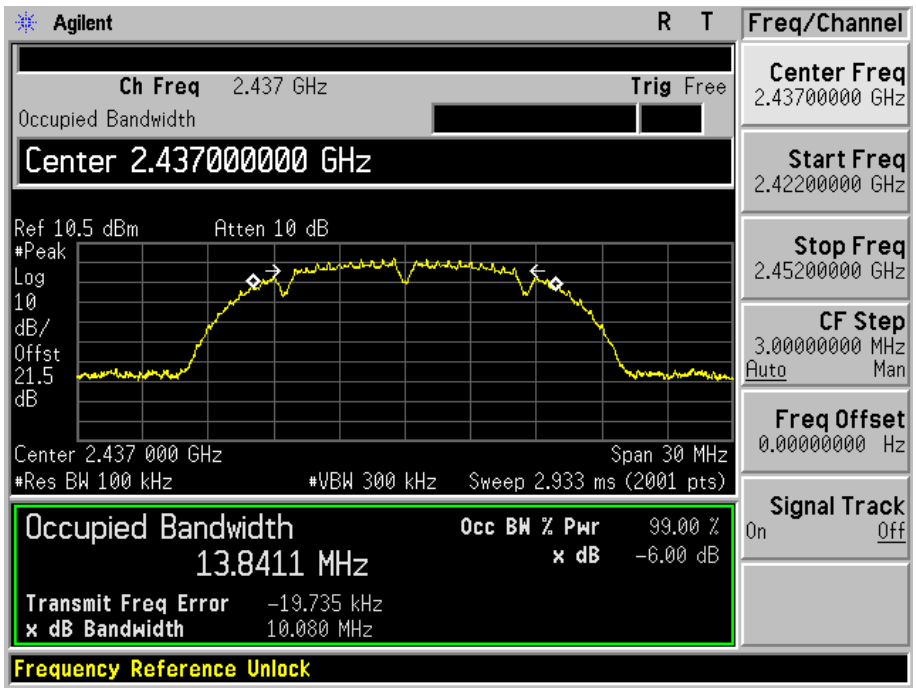
Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Test Power	:	AC 120V/60Hz
Test Site	:	TR-8			

Sectorized antenna:

Mode	CH.	Test Freq. (MHz)	99% Occupied Bandwidth (MHz)		6dB Occupied Bandwidth (MHz)		Limit (kHz)	Result
			Ant 0	Ant 1	Ant 0	Ant 1		
1	01	2412	13.8482	13.8684	10.086	10.083	>500	Pass
1	06	2437	13.8628	13.8411	10.091	10.080	>500	Pass
1	11	2462	13.8558	13.8561	10.081	10.097	>500	Pass
2	01	2412	16.4432	16.4584	16.396	16.377	>500	Pass
2	06	2437	16.4439	16.4559	16.376	16.364	>500	Pass
2	11	2462	16.4523	16.4435	16.386	16.371	>500	Pass
3	01	2412	17.6413	17.6486	17.573	17.589	>500	Pass
3	06	2437	17.6546	17.6699	17.578	17.586	>500	Pass
3	11	2462	17.6522	17.6575	17.572	17.601	>500	Pass
4	03	2422	36.2494	36.2497	36.385	36.394	>500	Pass
4	06	2437	36.2616	36.2553	36.411	36.407	>500	Pass
4	09	2452	36.2427	36.2514	36.411	36.394	>500	Pass

Note : The worst case of Occupied Bandwidth as below in next page:

Mode 1 CH06 (2437MHz) Ant 1



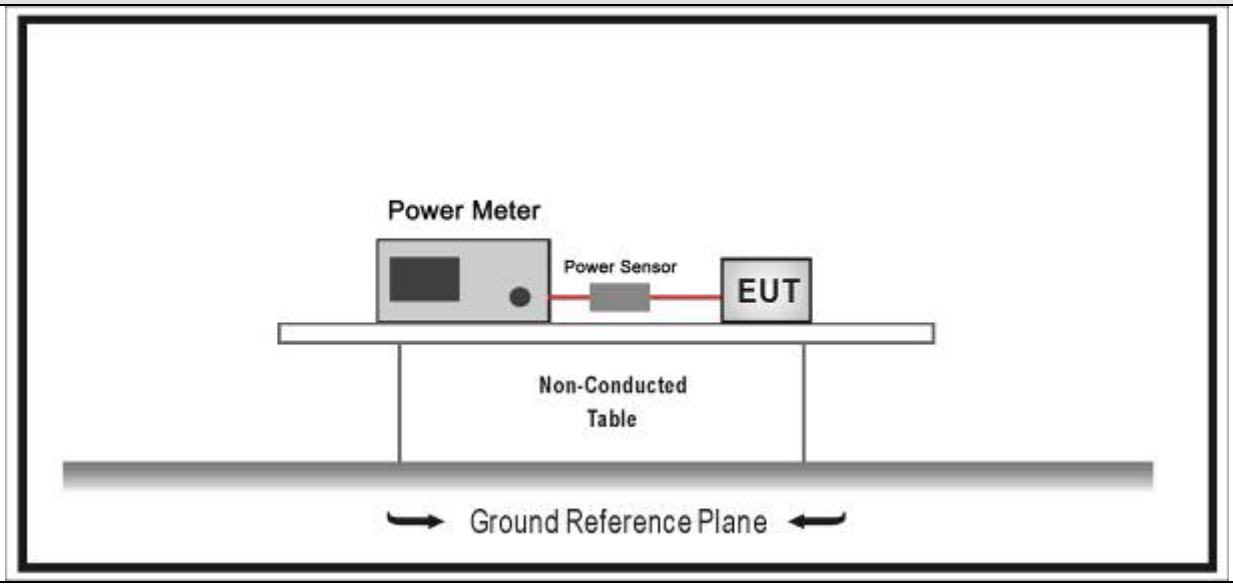
8. Fundamental emission output power

8.1. Test Equipment

Fundamental emission output power/ TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2016.03.11	2017.03.10
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2015.11.11	2016.11.10
Power Sensor	Anritsu	MA2411B	0846014	2015.11.11	2016.11.10
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2016.04.10	2017.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup

Fundamental emission output power test setup



8.3. Limit

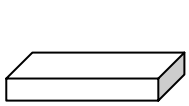
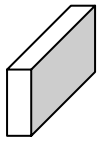
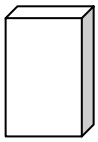
Fundamental emission output power Limit			
☒	G_{TX} ＜6dBi		P_{out}≦30dBm
☒	G_{TX} ＞6dBi		
	☐	Non-Fix point-point	P_{out}≦30-(G_{TX} -6)
	☐	Fix point-point	P_{out}≦30-[(G_{TX}-6)]/3
	☒	Point-to-multipoint	Pout≦30-(GTX-6)
	☐	Overlap Beams	P_{out}≦30-[(G_{TX}-6)]/3
	☐	Aggregate power transmitted simultaneously on all beams	P_{out}≦30-[(G_{TX}-6)]/3
	☐	single directional beam	P_{out}≦30-[(G_{TX}-6)]/3+8dB
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .			

8.4. Test Procedure

Fundamental emission output power Test Method						
	References Rule				Chapter	Description
☒	ANSI C63.10				11.9	Fundamental emission output power
	☐	ANSI C63.10			11.9.1	Maximum peak conducted output power
		☐	ANSI C63.10		11.9.1.1	RBW ≥ DTS bandwidth
		☐	ANSI C63.10		11.9.1.2	Integrated band power method
		☐	ANSI C63.10		11.9.1.3	PKPM1 Peak power meter method
	☒	ANSI C63.10			11.9.2	Maximum conducted (average) output power
		☐	ANSI C63.10		11.9.2.2	Measurement using a spectrum analyzer (SA)
			☐	ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle≥98%)
			☐	ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle≥98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle≤98%)
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle≤98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-3
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-3A
		☒	ANSI C63.10		11.9.2.3	Measurement using a power meter (PM)
			☐	ANSI C63.10	11.9.2.3.1	Method AVGPM
			☒	ANSI C63.10	11.9.2.3.2	Method AVGPM-G

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☒	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

8.5. EUT test definition

<table>
<tr><td>Item</td><td colspan="4">Fundamental emission output power</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
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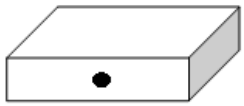
<tr><td></td><td colspan="3">  </td></tr>
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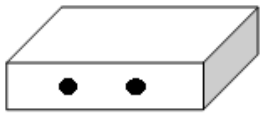
<tr><td></td><td colspan="3">  </td></tr>
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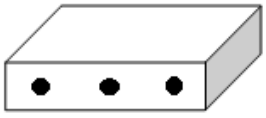
<tr><td></td><td colspan="3">  </td></tr>
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8.6. Test Result

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Test Power	:	AC 120V/60Hz
Test Site	:	TR8			

Dipole Antenna:

Mode	Channel	Test Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 0	Ant 1				
1	01	2412	21.68	21.36	24.53	2.0	30	Pass
1	06	2437	23.55	23.04	26.31	2.0	30	Pass
1	11	2462	23.83	23.74	26.80	2.0	30	Pass
2	01	2412	18.05	17.84	20.96	2.0	30	Pass
2	06	2437	23.65	23.31	26.49	2.0	30	Pass
2	11	2462	17.71	17.34	20.54	2.0	30	Pass
3	01	2412	16.52	15.97	19.26	2.0	30	Pass
3	06	2437	23.14	22.32	25.76	2.0	30	Pass
3	11	2462	16.56	16.12	19.36	2.0	30	Pass
4	03	2422	15.38	14.91	18.16	2.0	30	Pass
4	06	2437	18.91	18.54	21.74	2.0	30	Pass
4	09	2452	15.04	14.39	17.74	2.0	30	Pass

Sectorized antenna:

Mode	Channel	Test Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 0	Ant 1				
1	01	2412	11.81	11.86	14.85	15.0	21.0	Pass
1	06	2437	12.04	11.62	14.85	15.0	21.0	Pass
1	11	2462	14.47	14.13	17.31	15.0	21.0	Pass
2	01	2412	9.89	9.94	12.93	15.0	21.0	Pass
2	06	2437	9.31	8.97	12.15	15.0	21.0	Pass
2	11	2462	10.62	10.65	13.65	15.0	21.0	Pass
3	01	2412	8.72	8.86	11.80	15.0	21.0	Pass
3	06	2437	9.14	8.89	12.03	15.0	21.0	Pass
3	11	2462	10.39	10.53	13.47	15.0	21.0	Pass
4	03	2422	3.57	3.92	6.76	15.0	21.0	Pass
4	06	2437	8.07	7.62	10.86	15.0	21.0	Pass
4	09	2452	3.62	3.61	6.63	15.0	21.0	Pass

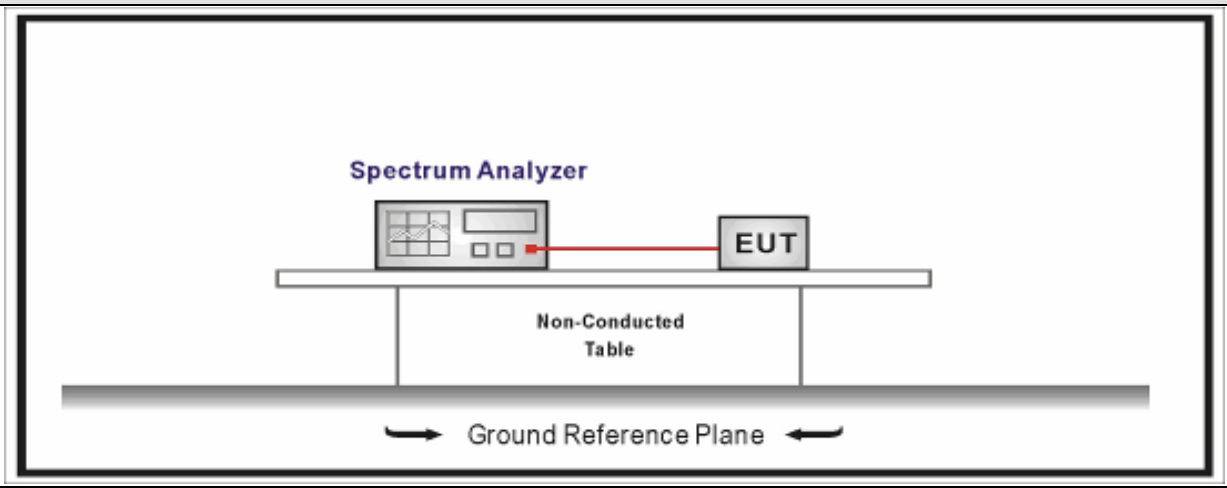
9. Power Spectral Density

9.1. Test Equipment

Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2016.03.11	2017.03.10
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2016.04.10	2017.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

9.2. Test Setup

Power Spectral Density test setup



9.3. Limit

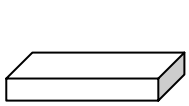
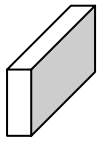
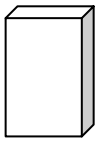
Power Spectral Density Limit
Power Spectral Density≤8dBm/3kHz

9.4. Test Procedure

Power Spectral Density Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		11.10	Maximum power spectral density level in the fundamental emission
	☒	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
	☐	ANSI C63.10	11.10.3	Method AVGPSD-1(Duty cycle≥98%)
	☐	ANSI C63.10	11.10.4	Method AVGPSD-1A(Duty cycle≥98%)
	☐	ANSI C63.10	11.10.5	Method AVGPSD-2(Duty cycle＜98%)
	☐	ANSI C63.10	11.10.6	Method AVGPSD-2A(Duty cycle＜98%)
	☐	ANSI C63.10	11.10.7	Method AVGPSD-3
	☐	ANSI C63.10	11.10.8	Method AVGPSD-3A

Directional Gain Calculations for In-Band test method				
	Referred Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☒	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

9.5. EUT test definition

<table>
<tr><td>Item</td><td colspan="4">Power Spectral Density Test Method</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="13">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
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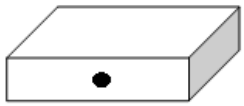
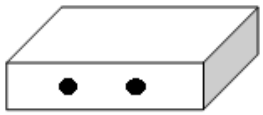
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 0</td><td colspan="2">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 0</td><td>Chain 1</td><td>Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

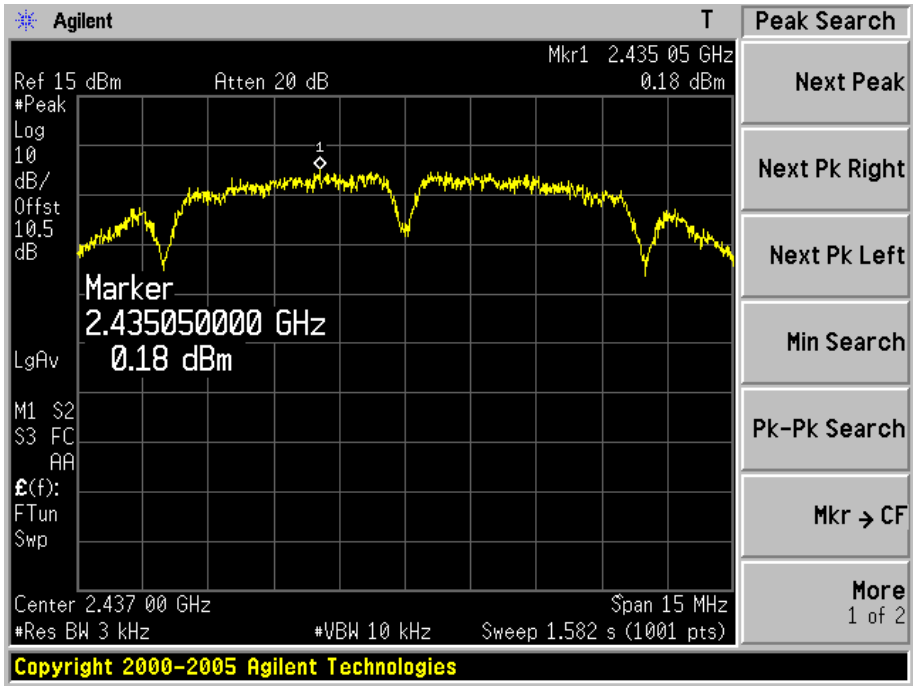
9.6. Test Result

Product Name	:	2.4GHz 300Mbps Outdoor Wireless Base Station	Test Power	:	AC 120V/60Hz
Test Site	:	TR8			

Dipole Antenna:

Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/3kHz)	Result
			Ant 0	Ant 1				
1	01	2412	-1.50	-1.53	1.50	5.0	8.0	Pass
1	06	2437	0.22	0.18	3.21	5.0	8.0	Pass
1	11	2462	-0.27	0.39	3.08	5.0	8.0	Pass
2	01	2412	-7.43	-7.66	-4.53	5.0	8.0	Pass
2	06	2437	-1.53	-1.61	1.44	5.0	8.0	Pass
2	11	2462	-7.09	-7.44	-4.25	5.0	8.0	Pass
3	01	2412	-9.16	-9.55	-6.34	5.0	8.0	Pass
3	06	2437	-1.16	-1.80	1.54	5.0	8.0	Pass
3	11	2462	-7.78	-8.19	-4.97	5.0	8.0	Pass
4	03	2422	-12.29	-12.09	-9.18	5.0	8.0	Pass
4	06	2437	-9.77	-9.53	-6.64	5.0	8.0	Pass
4	09	2452	-12.81	-13.50	-10.13	5.0	8.0	Pass

Mode 1 CH06(2437MHz) Ant 1



Sectorized antenna:

Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/3kHz)	Result
			Ant 0	Ant 1				
1	01	2412	-11.831	-11.911	-8.86	15.0	-1.0	Pass
1	06	2437	-12.375	-11.968	-9.16	15.0	-1.0	Pass
1	11	2462	-8.906	-9.355	-6.11	15.0	-1.0	Pass
2	01	2412	-14.115	-14.574	-11.33	15.0	-1.0	Pass
2	06	2437	-16.121	-15.957	-13.03	15.0	-1.0	Pass
2	11	2462	-14.651	-14.651	-11.64	15.0	-1.0	Pass
3	01	2412	-16.542	-16.416	-13.47	15.0	-1.0	Pass
3	06	2437	-15.981	-16.220	-13.09	15.0	-1.0	Pass
3	11	2462	-14.848	-14.800	-11.81	15.0	-1.0	Pass
4	03	2422	-23.218	-24.221	-20.68	15.0	-1.0	Pass
4	06	2437	-20.239	-19.643	-16.92	15.0	-1.0	Pass
4	09	2452	-24.893	-23.415	-21.08	15.0	-1.0	Pass

Mode 1 CH11(2462MHz) Ant 0

The End