



中国认可
国际互认
检测
TESTING
CNAS L5313



Test Report

FCC Part15 Subpart C

Product Name : AC1200 Wireless Dual Band Gigabit Access Point
Model No. : EAP225
FCC ID : TE7EAP225

Applicant : 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

Date of Receipt : May. 06, 2016
Test Date : May. 06, 2016~ Jun. 17, 2016
Issued Date : Jul. 28, 2016
Report No. : 1652013R-RF-US-P06V01
Report Version : V1.1

The test results relate only to the samples tested.

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

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Test Report Certification

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Address : Building 24(floors1,3,4,5) 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. : EAP225
FCC ID : TE7EAP225
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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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

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History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1652013R-RF-US-P06V01	V1.0	Initial Issued Report	Jun. 24, 2016
1652013R-RF-US-P06V01	V1.1	Add the note for why conducted emission is not tested at P26-29	Jul. 28, 2016

1. General Information

1.1. EUT Description

Product Name	AC1200 Wireless Dual Band Gigabit Access Point
Brand Name	TP-LINK
Model No.	EAP225
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	<input type="checkbox"/> 1*TX+1*RX	<input checked="" type="checkbox"/> 2*TX+2*RX	<input type="checkbox"/> 3*TX+3*RX	
Antenna technology	<input type="checkbox"/> SISO			
	<input checked="" type="checkbox"/> MIMO	<input type="checkbox"/> Basic		
		<input checked="" type="checkbox"/> CDD		
		<input type="checkbox"/> Sectorized		
		<input type="checkbox"/> Beam-forming		
Antenna Type	<input type="checkbox"/> External	<input type="checkbox"/> Dipole		
		<input type="checkbox"/> Sectorized		
	<input checked="" type="checkbox"/> Internal	<input checked="" type="checkbox"/> PIFA		
		<input type="checkbox"/> PCB		
		<input type="checkbox"/> Ceramic Chip Antenna		
		<input type="checkbox"/> Metal plate type F antenna		
	Antenna Technology	Ant Gain (dBi)	Directional Gain (dBi)	
			For Power	For PSD
<input checked="" type="checkbox"/> CDD	Ant0: 4.05 Ant1: 4.25	4.15	7.16	

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)

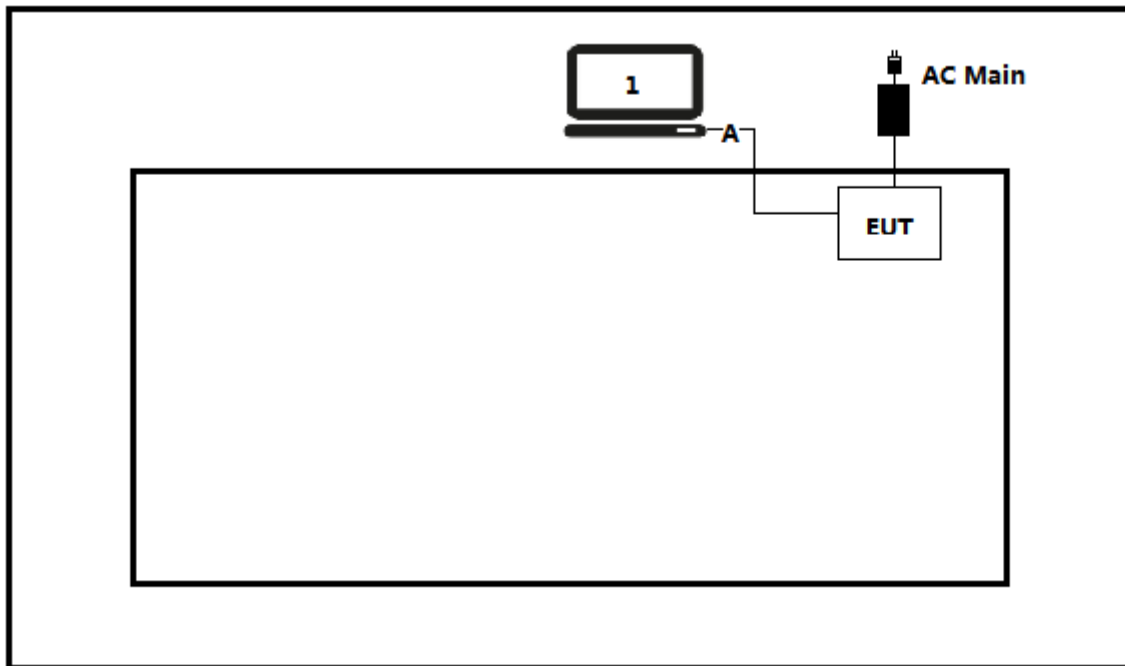
1.5. Tested System Details

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

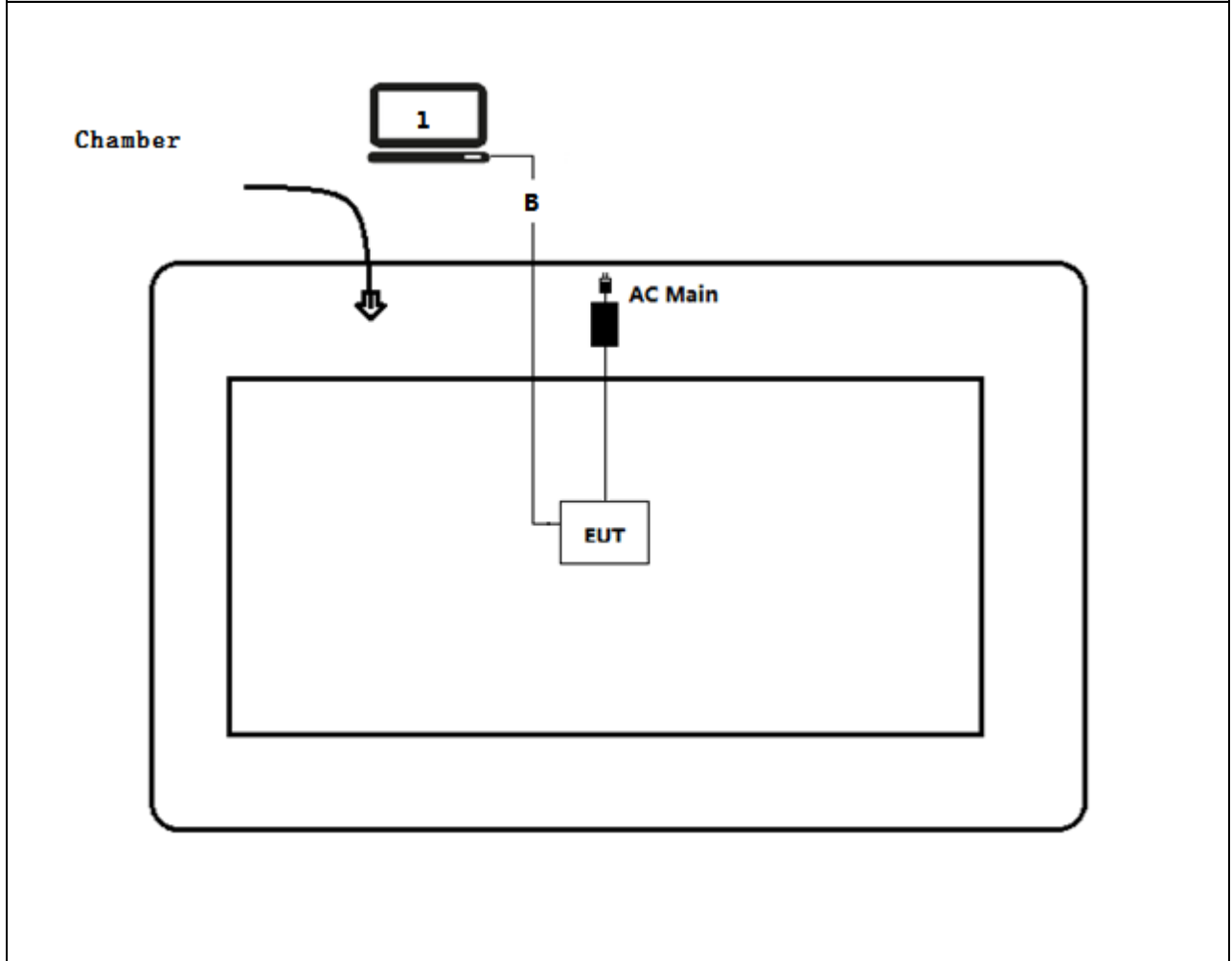
No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	Think pad x220	SUA0600195	Non-shielded
A	LAN cable	N/A	N/A	N/A	Non-shielded, 1.5m
B	LAN cable	N/A	N/A	N/A	Non-shielded, 10m

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

Test Software	ART 2		
Modulation Mode	Test Frequency	Ant 0	Ant 1
802.11b	2412	23	23
	2437	26	26
	2462	22	22
802.11g	2412	17	17
	2437	26	26
	2462	18	18
802.11n(20MHz)	2412	17	17
	2437	26	26
	2462	18	18
802.11n(40MHz)	2422	16	16
	2437	21	21
	2452	21	21

2.4. Power vs Data Rate

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

Note 1 : The 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

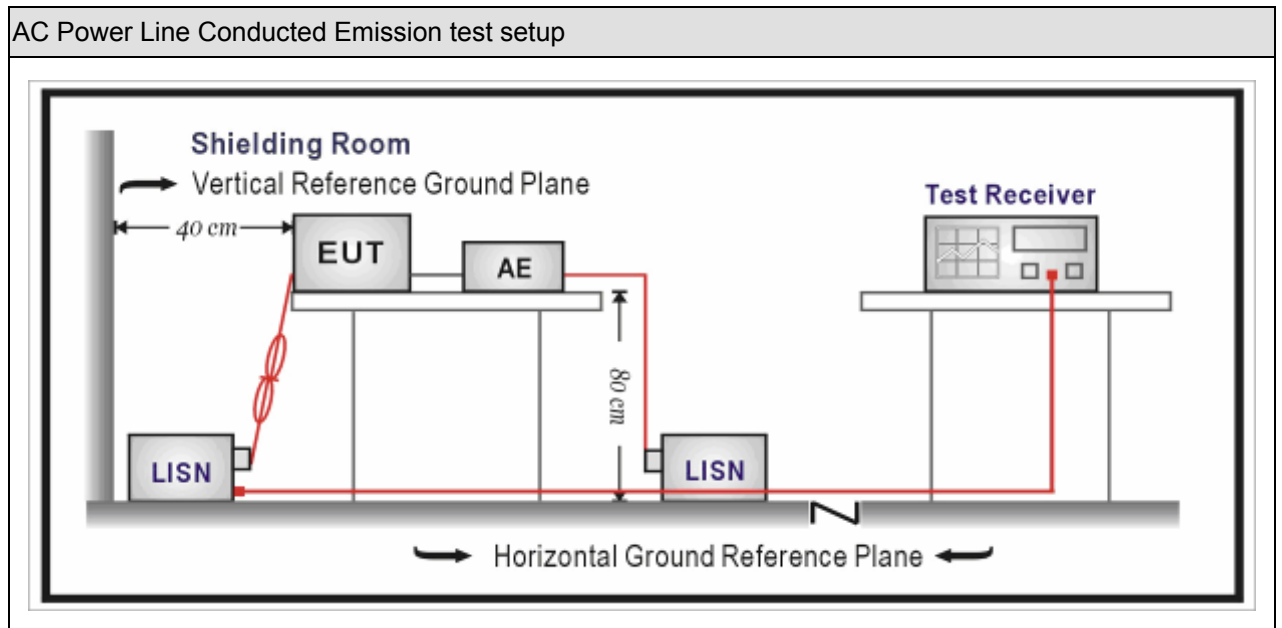
3. AC Power Line Conducted Emission

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



3.3. Limit

Frequency of Emission (MHz)	Conducted Limit	
	Quasi-peak (dB V)	Average(dB V)
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

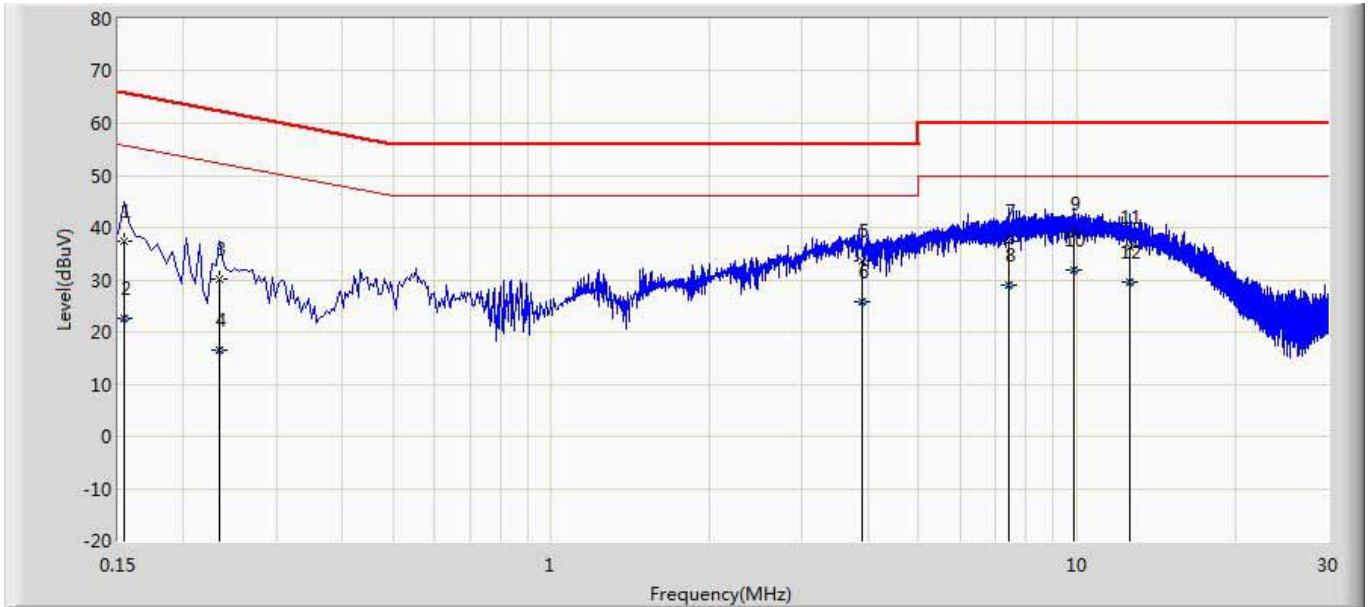
Note 1: The lower limit shall apply at the transition frequencies.
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

Test Method			
	References Rule	Chapter	Item
<input checked="" type="checkbox"/>	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices
<input checked="" type="checkbox"/>	ANSI C63.4-2014	7	AC power-line conducted emission measurements

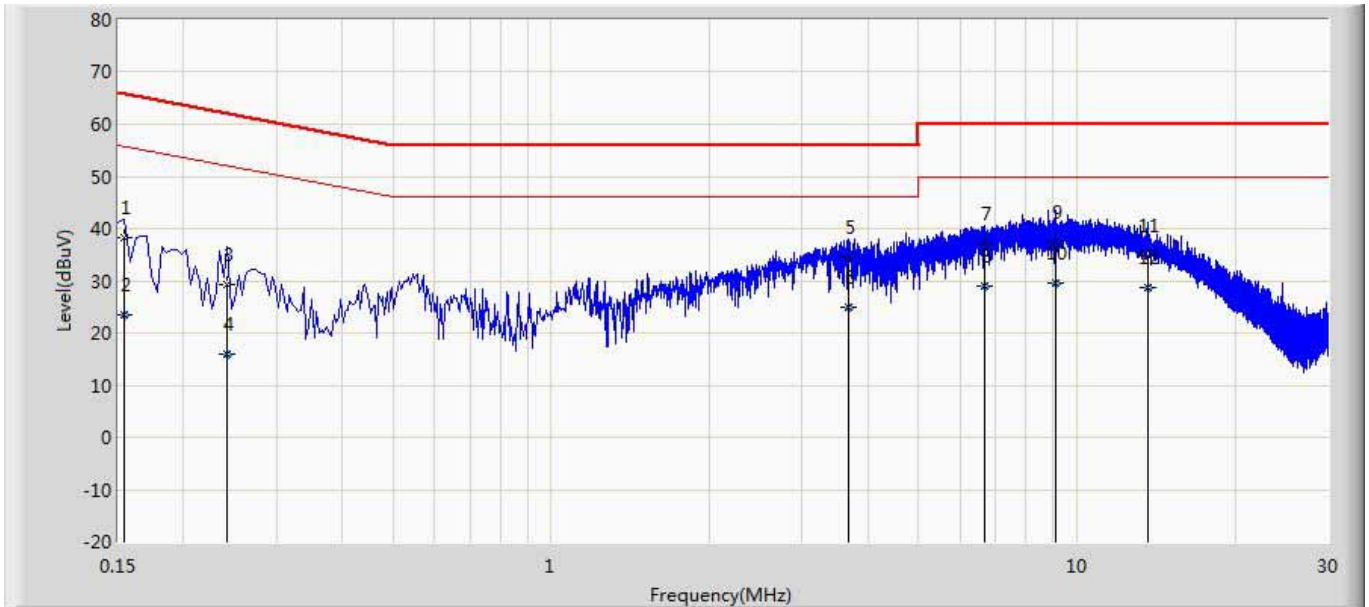
3.5. Test Result

Site: TR1	Time: 2016/05/12
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216-L1	Polarity: Line
EUT: AC1200 Wireless Dual Band Gigabit Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	37.466	27.733	-28.315	65.781	9.673	0.060	0.000	QP
2		0.154	22.573	12.840	-33.208	55.781	9.673	0.060	0.000	AV
3		0.234	30.016	20.306	-32.291	62.307	9.650	0.060	0.000	QP
4		0.234	16.663	6.953	-35.644	52.307	9.650	0.060	0.000	AV
5		3.902	33.645	23.845	-22.355	56.000	9.660	0.140	0.000	QP
6		3.902	25.755	15.955	-20.245	46.000	9.660	0.140	0.000	AV
7		7.414	37.248	27.338	-22.752	60.000	9.700	0.210	0.000	QP
8		7.414	28.935	19.025	-21.065	50.000	9.700	0.210	0.000	AV
9		9.882	38.700	28.710	-21.300	60.000	9.730	0.260	0.000	QP
10	*	9.882	31.975	21.985	-18.025	50.000	9.730	0.260	0.000	AV
11		12.598	36.370	26.280	-23.630	60.000	9.770	0.320	0.000	QP
12		12.598	29.434	19.344	-20.566	50.000	9.770	0.320	0.000	AV

Site: TR1	Time: 2016/05/12
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216-N	Polarity: Neutral
EUT: AC1200 Wireless Dual Band Gigabit Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	38.343	28.610	-27.438	65.781	9.673	0.060	0.000	QP
2		0.154	23.442	13.709	-32.339	55.781	9.673	0.060	0.000	AV
3		0.242	29.149	19.429	-32.878	62.027	9.660	0.060	0.000	QP
4		0.242	16.040	6.320	-35.987	52.027	9.660	0.060	0.000	AV
5		3.674	34.593	24.803	-21.407	56.000	9.660	0.130	0.000	QP
6		3.674	24.981	15.191	-21.019	46.000	9.660	0.130	0.000	AV
7		6.662	37.173	27.283	-22.827	60.000	9.690	0.200	0.000	QP
8		6.662	29.084	19.194	-20.916	50.000	9.690	0.200	0.000	AV
9		9.090	37.271	27.301	-22.729	60.000	9.720	0.250	0.000	QP
10	*	9.090	29.696	19.726	-20.304	50.000	9.720	0.250	0.000	AV
11		13.606	34.795	24.655	-25.205	60.000	9.800	0.340	0.000	QP
12		13.606	28.646	18.506	-21.354	50.000	9.800	0.340	0.000	AV

4. Emissions in restricted frequency bands

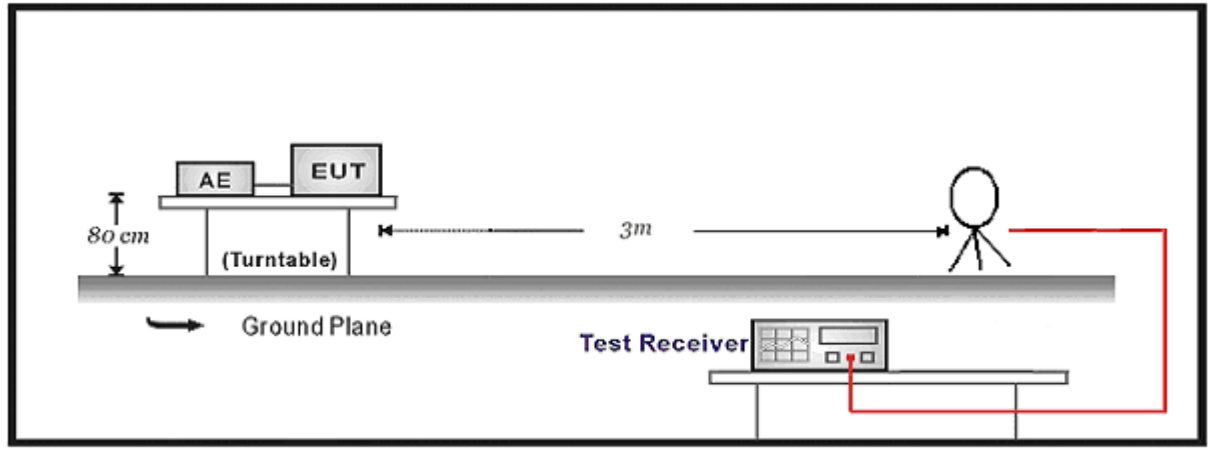
4.1. Test Equipment

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.					

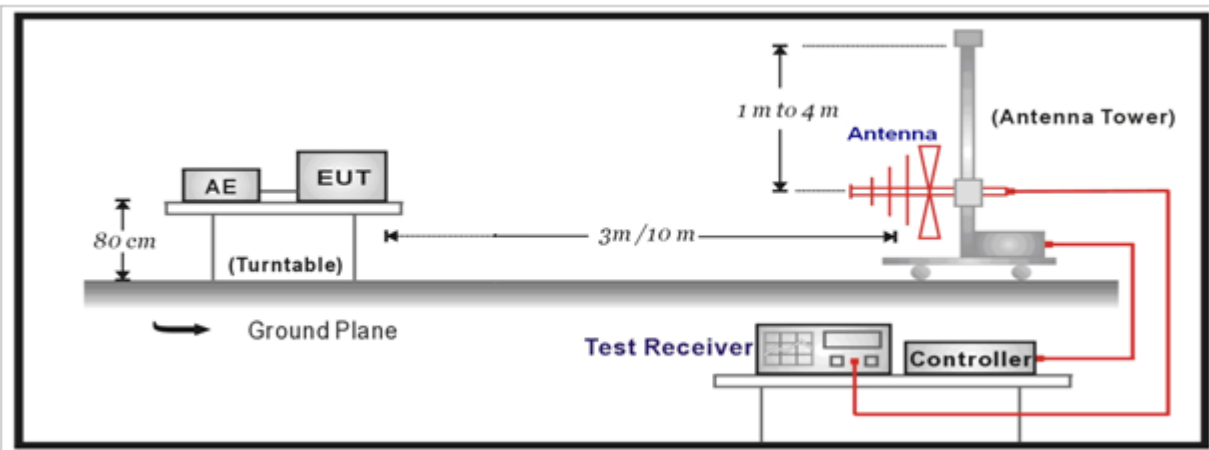
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
Preamplifier	Quietek	AP-040G	CHM-0906001	2016.05.06	2017.05.05
DRG 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	2016.06.10	2017.06.09
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

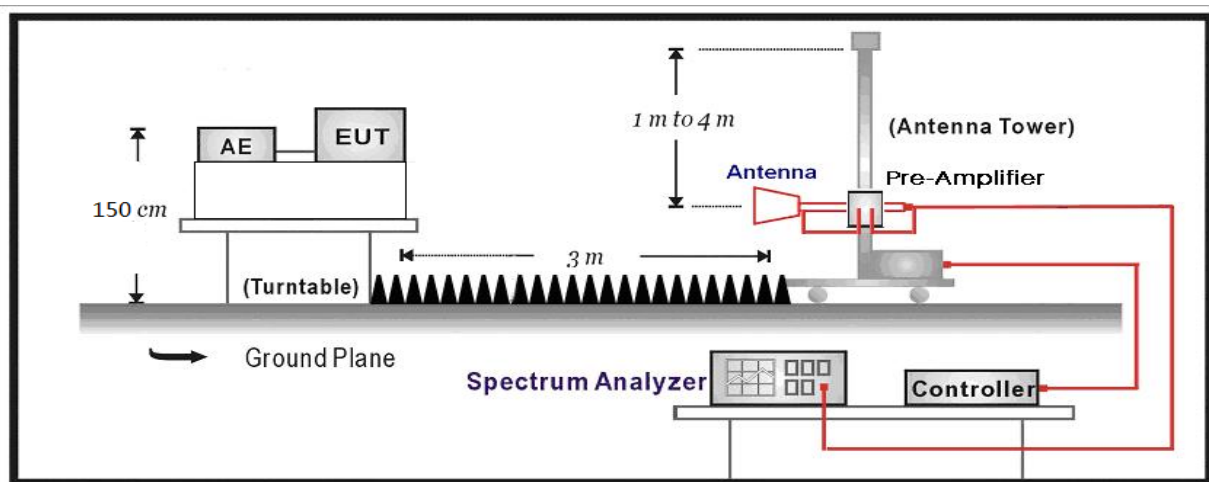
Below 30MHz Test Setup:



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 (V/m)	Field strength (dB 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)

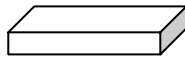
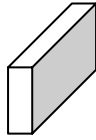
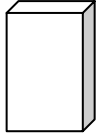
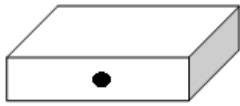


Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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
<input type="checkbox"/>	ANSI C63.10	11.11	Emissions in non-restricted frequency bands
	<input type="checkbox"/> ANSI C63.10	11.11.2	Reference level measurement
	<input type="checkbox"/> ANSI C63.10	11.11.3	Emission level measurement
<input checked="" type="checkbox"/>	ANSI C63.10	11.12	Emissions in restricted frequency bands
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
	<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
<input type="checkbox"/>	ANSI C63.10	11.12.2	Antenna-port conducted measurements
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.3	Quasi-peak measurement procedure
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.4	Peak power measurement procedure
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.5	Average power measurement procedures
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

4.5. EUT test Axis definition

Item	Emissions in restricted frequency bands			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1~4			
Test method	<input checked="" type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input checked="" type="checkbox"/>
	<input type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 1		
				
	<input type="checkbox"/>	Chain 1	Chain 2	
				
	<input type="checkbox"/>	Chain 1	Chain 2	Chain 3
				

4.6. Test Result

Product Name	: AC1200 Wireless Dual Band Gigabit Access Point	Power	: AC 120V/60Hz
Test Mode	: Mode 1	Test Site	: AC-5

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB V)	Factor (dB)	Measured Level (dB V/m)	Limit (dB V/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	48.6	-5.8	42.9	54(note3)	11.1	PK
		V	4824.0	51.7	-5.8	46.0	54(note3)	8.0	PK
		H	7236.0	46.3	-1.7	44.5	54(note3)	9.5	PK
		V	7236.0	46.4	-1.7	44.7	54(note3)	9.3	PK
		H	9648.0	42.4	2.7	45.1	54(note3)	8.9	PK
		V	9648.0	42.5	2.7	45.2	54(note3)	8.8	PK
	6	H	4874.0	48.5	-5.8	42.8	54(note3)	11.2	PK
		V	4874.0	49.7	-5.8	43.9	54(note3)	10.1	PK
		H	7311.0	45.4	-1.7	43.6	54(note3)	10.4	PK
		V	7311.0	45.8	-1.7	44.1	54(note3)	9.9	PK
		H	9748.0	43.2	2.0	45.2	54(note3)	8.8	PK
		V	9748.0	42.9	2.0	44.9	54(note3)	9.1	PK
	11	H	4924.0	48.0	-5.8	42.2	54(note3)	11.8	PK
		V	4924.0	48.9	-5.8	43.1	54(note3)	10.9	PK
		H	7386.0	45.7	-1.0	44.7	54(note3)	9.3	PK
		V	7386.0	46.8	-1.0	45.8	54(note3)	8.2	PK
		H	9848.0	43.4	2.3	45.7	54(note3)	8.3	PK
		V	9848.0	43.7	2.3	45.9	54(note3)	8.1	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.

Note: 5. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AC1200 Wireless Dual Band Gigabit Access Point	Power	:	AC 120V/60Hz
Test Site	:	Mode 2	Test Site	:	AC-5

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB V)	Factor (dB)	Measured Level (dB V/m)	Limit (dB V/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	47.9	-5.8	42.1	54(note3)	11.9	PK
		V	4824.0	47.4	-5.8	41.6	54(note3)	12.4	PK
		H	7236.0	45.8	-1.7	44.0	54(note3)	10.0	PK
		V	7236.0	45.3	-1.7	43.6	54(note3)	10.4	PK
		H	9648.0	42.0	2.7	44.7	54(note3)	9.3	PK
		V	9648.0	42.2	2.7	44.9	54(note3)	9.1	PK
	6	H	4874.0	47.4	-5.8	41.6	54(note3)	12.4	PK
		V	4874.0	47.8	-5.8	42.0	54(note3)	12.0	PK
		H	7311.0	44.8	-1.7	43.1	54(note3)	10.9	PK
		V	7311.0	44.8	-1.7	43.1	54(note3)	10.9	PK
		H	9748.0	42.8	2.0	44.8	54(note3)	9.2	PK
		V	9748.0	43.1	2.0	45.1	54(note3)	8.9	PK
	11	H	4924.0	47.2	-5.8	41.4	54(note3)	12.6	PK
		V	4924.0	47.5	-5.8	41.7	54(note3)	12.3	PK
		H	7386.0	45.1	-1.0	44.1	54(note3)	9.9	PK
		V	7386.0	45.2	-1.0	44.2	54(note3)	9.8	PK
		H	9848.0	42.9	2.3	45.1	54(note3)	8.9	PK
		V	9848.0	43.0	2.3	45.3	54(note3)	8.7	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.

Note: 5. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AC1200 Wireless Dual Band Gigabit Access Point	Power	:	AC 120V/60Hz
Test Site	:	Mode 3	Test Site	:	AC-5

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB V)	Factor (dB)	Measured Level (dB V/m)	Limit (dB V/m)	Margin (dB)	Detector
Ant 0+1	1	H	4824.0	48.7	-5.8	42.9	54(note3)	11.1	PK
		V	4824.0	47.0	-5.8	41.2	54(note3)	12.8	PK
		H	7236.0	46.1	-1.7	44.4	54(note3)	9.6	PK
		V	7236.0	45.8	-1.7	44.1	54(note3)	9.9	PK
		H	9648.0	42.1	2.7	44.7	54(note3)	9.3	PK
		V	9648.0	42.2	2.7	44.8	54(note3)	9.2	PK
	6	H	4874.0	46.9	-5.8	41.2	54(note3)	12.8	PK
		V	4874.0	48.1	-5.8	42.3	54(note3)	11.7	PK
		H	7311.0	45.1	-1.7	43.4	54(note3)	10.6	PK
		V	7311.0	45.3	-1.7	43.6	54(note3)	10.4	PK
		H	9748.0	42.5	2.0	44.5	54(note3)	9.5	PK
		V	9748.0	42.7	2.0	44.7	54(note3)	9.3	PK
	11	H	4924.0	47.6	-5.8	41.8	54(note3)	12.2	PK
		V	4924.0	47.4	-5.8	41.6	54(note3)	12.4	PK
		H	7386.0	45.1	-1.0	44.1	54(note3)	9.9	PK
		V	7386.0	45.3	-1.0	44.3	54(note3)	9.7	PK
		H	9848.0	43.5	2.3	45.8	54(note3)	8.2	PK
		V	9848.0	43.2	2.3	45.5	54(note3)	8.5	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.

Note: 5. As the radiated emission was performed, so conducted emission was not tested.

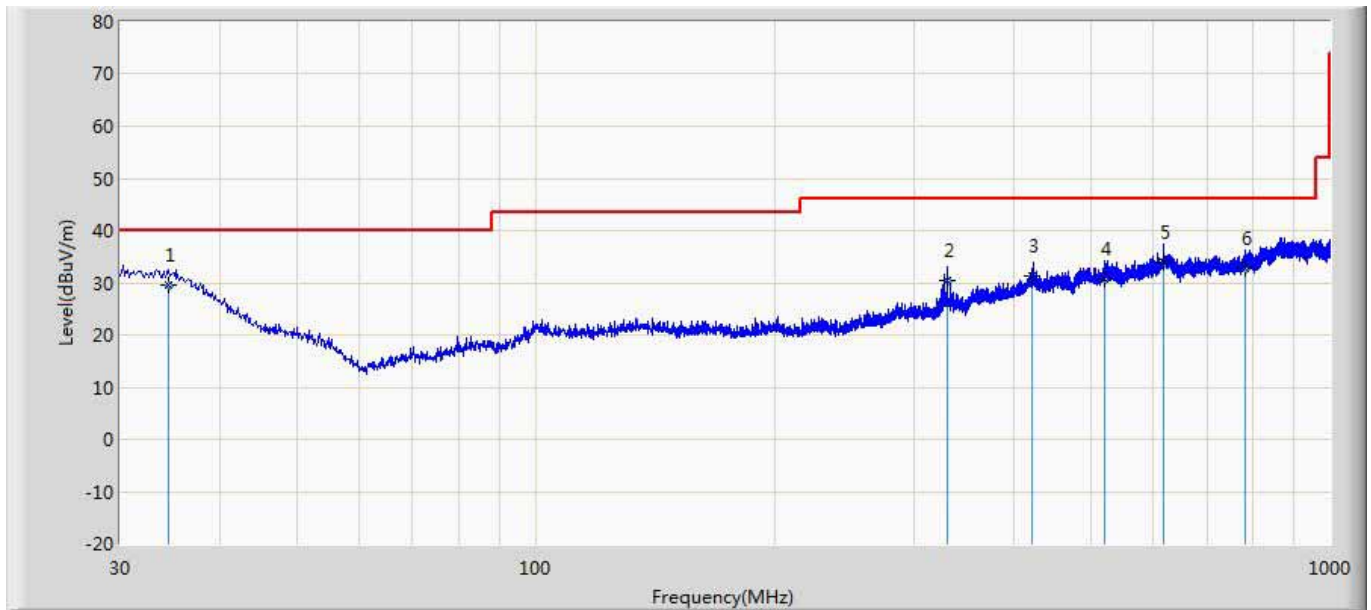
Product Name	: AC1200 Wireless Dual Band Gigabit Access Point	Power	: AC 120V/60Hz
Test Site	: Mode 4	Test Site	: AC-5

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB V)	Factor (dB)	Measured Level (dB V/m)	Limit (dB V/m)	Margin (dB)	Detector
Ant 0	3	H	4844.0	47.8	-5.8	42.0	54(note3)	12.0	PK
		V	4844.0	49.4	-5.8	43.6	54(note3)	10.4	PK
		H	7266.0	45.8	-1.5	44.4	54(note3)	9.6	PK
		V	7266.0	45.9	-1.5	44.5	54(note3)	9.5	PK
		H	9688.0	41.5	2.0	43.5	54(note3)	10.5	PK
		V	9688.0	42.0	2.0	44.0	54(note3)	10.0	PK
	6	H	4874.0	47.9	-5.8	42.2	54(note3)	11.8	PK
		V	4874.0	47.3	-5.8	41.6	54(note3)	12.4	PK
		H	7311.0	45.1	-1.7	43.4	54(note3)	10.6	PK
		V	7311.0	44.9	-1.7	43.2	54(note3)	10.8	PK
		H	9748.0	42.9	2.0	44.9	54(note3)	9.1	PK
		V	9748.0	43.1	2.0	45.1	54(note3)	8.9	PK
	9	H	4904.0	47.3	-5.7	41.6	54(note3)	12.4	PK
		V	4904.0	46.7	-5.7	41.0	54(note3)	13.0	PK
		H	7356.0	45.4	-1.4	44.0	54(note3)	10.0	PK
		V	7356.0	45.3	-1.4	43.9	54(note3)	10.1	PK
		H	9808.0	41.8	2.9	44.7	54(note3)	9.3	PK
		V	9808.0	41.8	2.9	44.7	54(note3)	9.3	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.
 Note: 5. As the radiated emission was performed, so conducted emission was not tested.

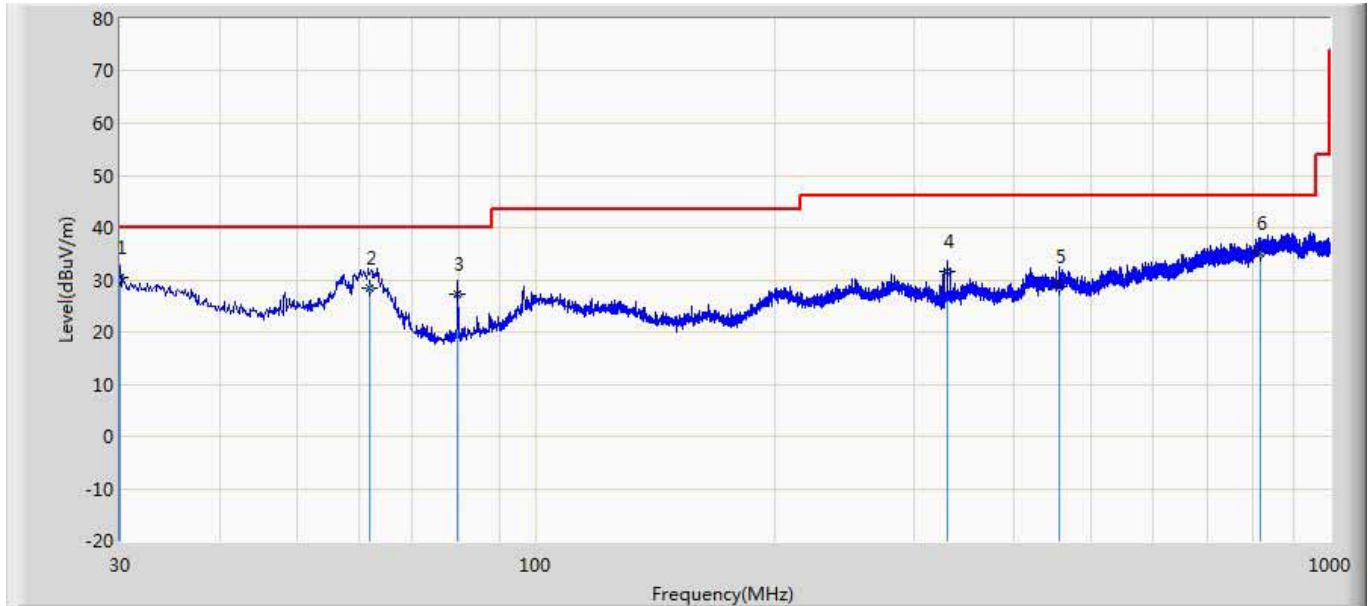
The worst case of Radiated Emission below 1GHz:

Engineer: Scott	
Site: AC2	Time: 2016/05/12
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_10M(30-1000M)20150408	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band Gigabit Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	34.450	29.551	35.858	-10.449	40.000	16.219	0.636	23.162	100	199	QP
2		329.701	30.459	37.277	-15.541	46.000	14.172	1.970	22.960	200	50	QP
3		422.601	31.333	35.541	-14.667	46.000	16.452	2.260	22.920	100	115	QP
4		521.300	30.680	32.664	-15.320	46.000	18.311	2.475	22.770	100	50	QP
5		618.600	33.805	34.689	-12.195	46.000	19.000	2.728	22.612	200	14	QP
6		783.601	32.750	32.147	-13.250	46.000	19.935	3.089	22.421	200	152	QP

Engineer: Scott	
Site: AC2	Time: 2016/05/12
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_10M(30-1000M)20150408	Polarity: Vertical
EUT: AC1200 Wireless Dual Band Gigabit Access Point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	30.020	30.483	34.175	-9.517	40.000	18.788	0.600	23.080	100	112	QP
2		61.890	28.463	44.192	-11.537	40.000	6.462	0.849	23.040	100	199	QP
3		79.804	27.128	42.261	-12.872	40.000	7.007	0.960	23.100	100	20	QP
4		329.901	31.595	38.408	-14.405	46.000	14.177	1.970	22.960	100	1	QP
5		455.901	28.590	31.936	-17.410	46.000	17.094	2.330	22.770	200	118	QP
6		816.521	35.182	34.280	-10.818	46.000	20.132	3.148	22.378	200	19	QP

5. Emissions in non-restricted frequency bands

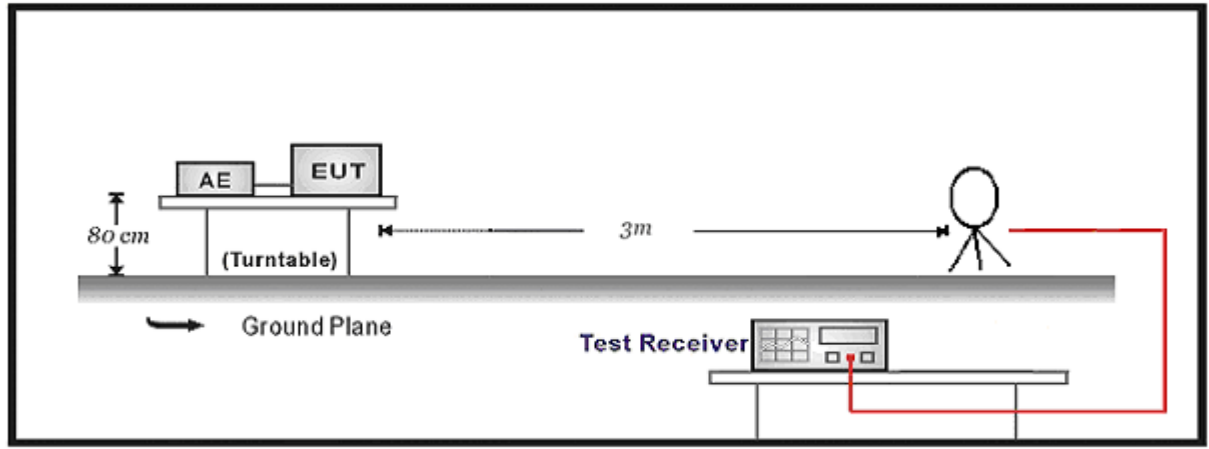
5.1. Test Equipment

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.					

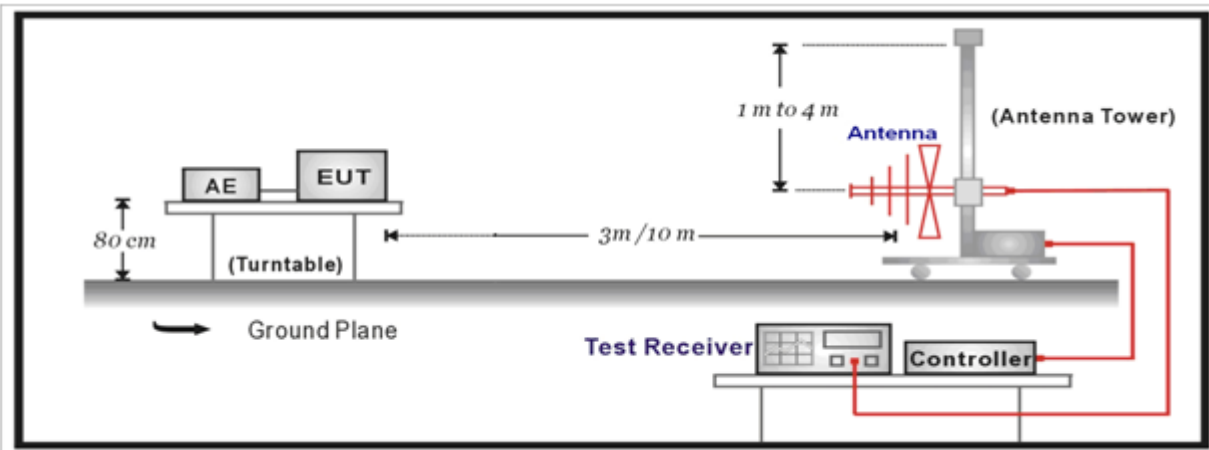
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100159	2016.03.29	2017.03.28
Spectrum Analyzer	Agilent	E4446A	MY45300103	2016.01.04	2017.01.03
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
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	2016.06.10	2017.06.09
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

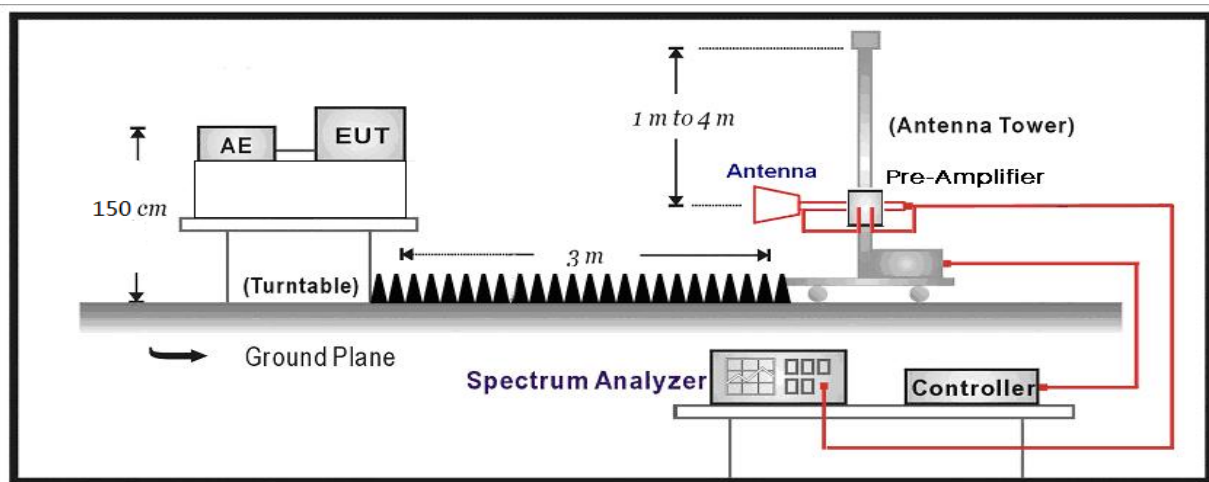
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



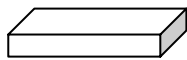
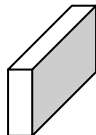
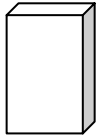
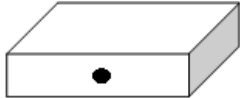

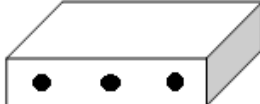
5.3. Limit

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)
<p>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).</p> <p>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).</p>	

5.4. Test Procedure

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

5.5. EUT test Axis definition

Item	Emissions in non-restricted frequency bands			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1 ~ Mode 4			
Test method	<input type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 0		
				
	<input checked="" type="checkbox"/>	Chain 0	Chain 1	
				
	<input type="checkbox"/>	Chain 0	Chain 1	Chain 2
				

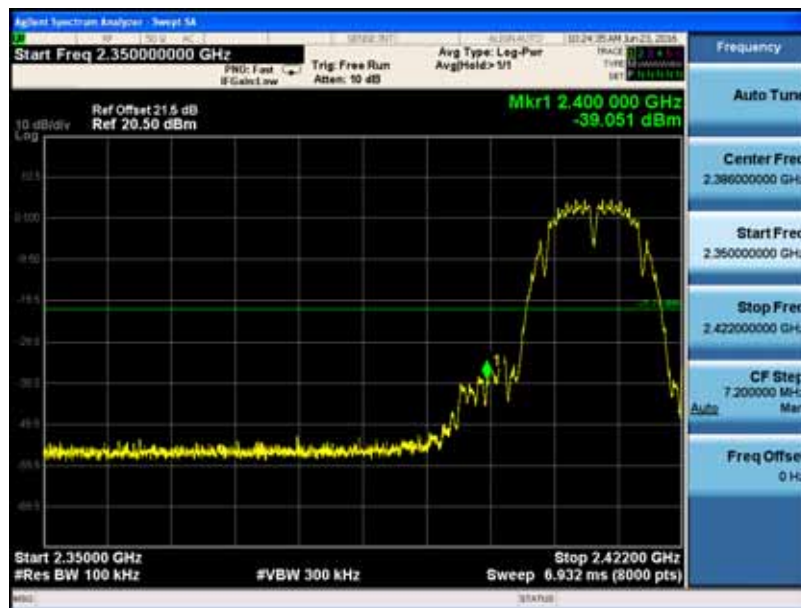
5.6. Test Result

Product Name	: AC1200 Wireless Dual Band Gigabit Access Point	Test Power	: AC 120V/60Hz
Test Site	: TR8		

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	8.26	2400	-39.05	47.31	>30	Pass
1	11	2462	15.09	2483.5	-38.53	53.62	>30	Pass
2	01	2412	7.62	2400	-41.04	48.66	>30	Pass
2	11	2462	8.90	2483.5	-43.24	52.14	>30	Pass
3	01	2412	6.41	2400	-41.40	47.81	>30	Pass
3	11	2462	7.26	2483.5	-45.98	53.24	>30	Pass
4	03	2422	2.65	2400	-45.44	48.09	>30	Pass
4	09	2452	4.99	2483.5	-46.13	51.12	>30	Pass

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

Mode 1 CH01(2412MHz)

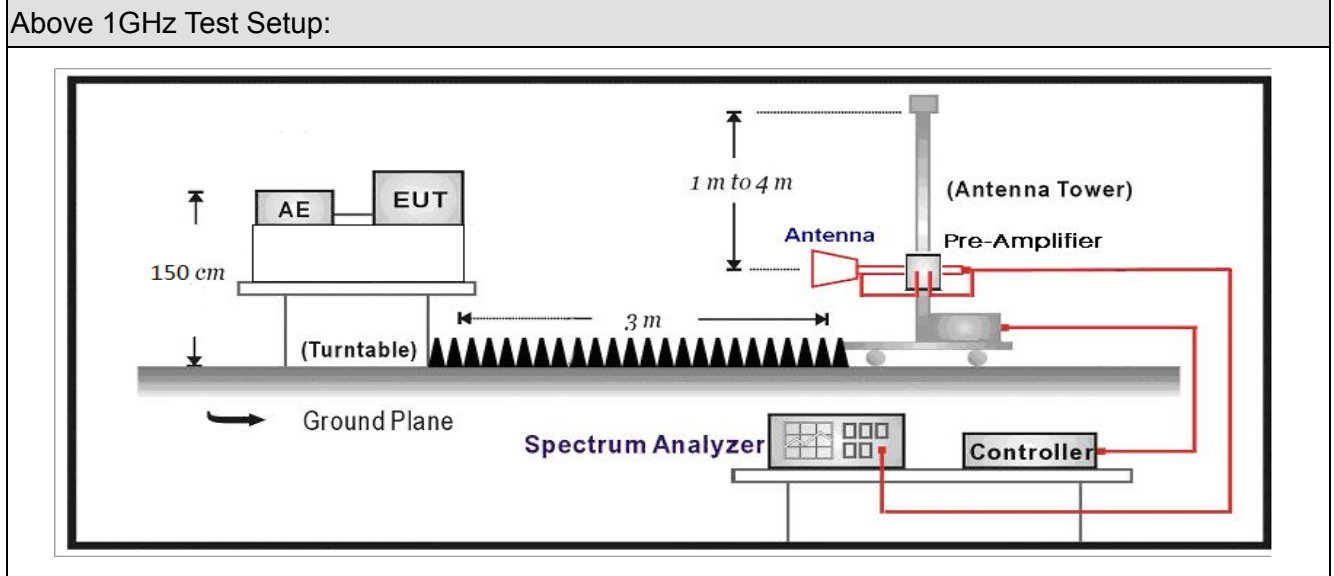


6. Radiated Emission Band Edge

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	2016.06.10	2017.06.09
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



6.3. Limit

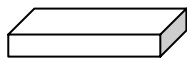
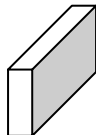
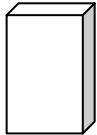
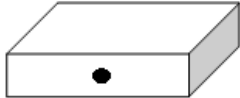

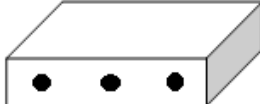
Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

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

6.4. Test Procedure

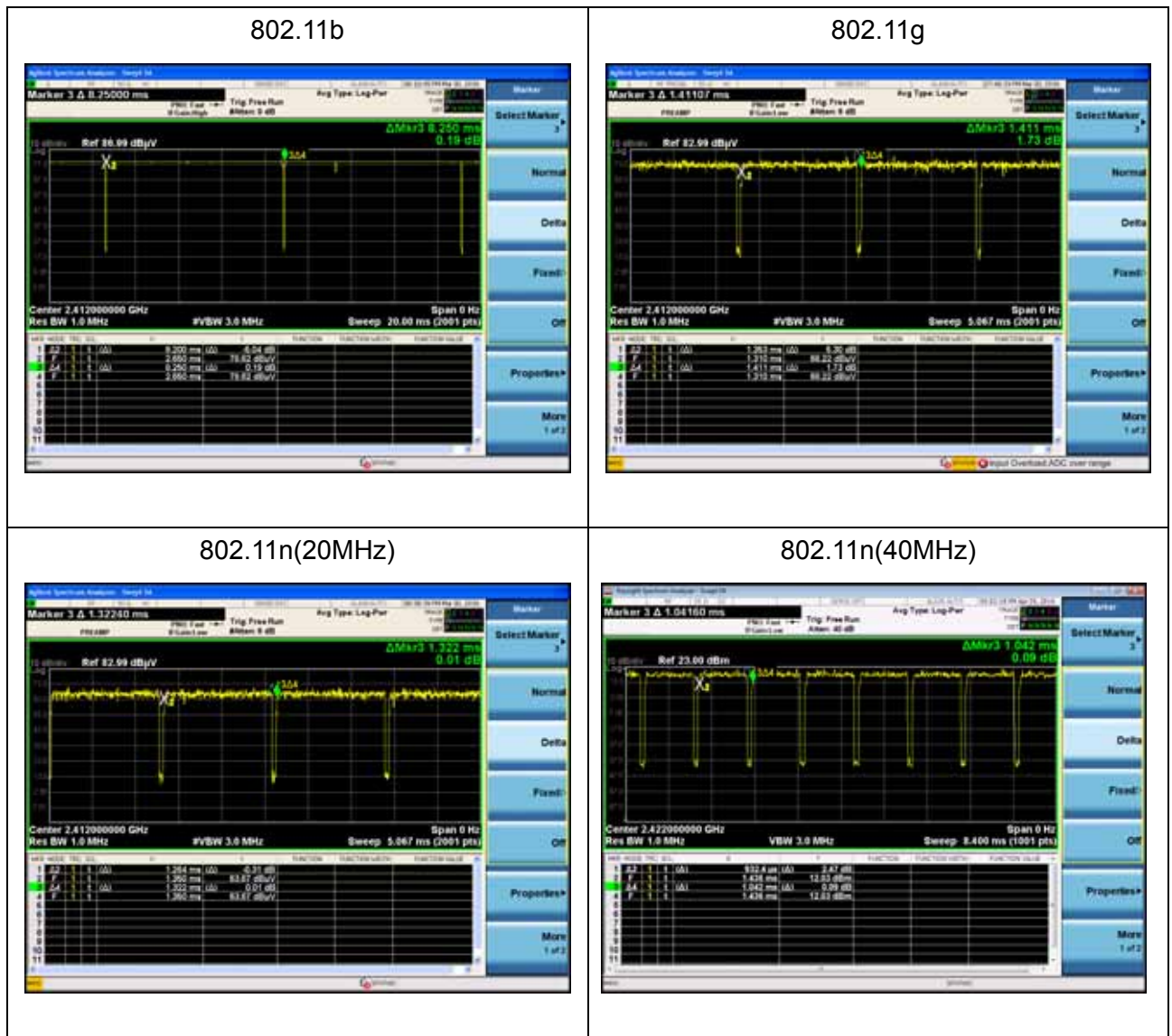
Test Method			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	6.10	Band-edge testing
	<input checked="" type="checkbox"/> ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	<input type="checkbox"/> ANSI C63.10	6.10.6	Marker-delta method
<input checked=""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

6.5. EUT test definition

Item	Emissions in non-restricted frequency bands			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1~4			
Test method	<input checked="" type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input checked="" type="checkbox"/>
	<input type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 0		
				
	<input type="checkbox"/>	Chain 0	Chain 1	
				
	<input type="checkbox"/>	Chain 0	Chain 1	Chain 2
				

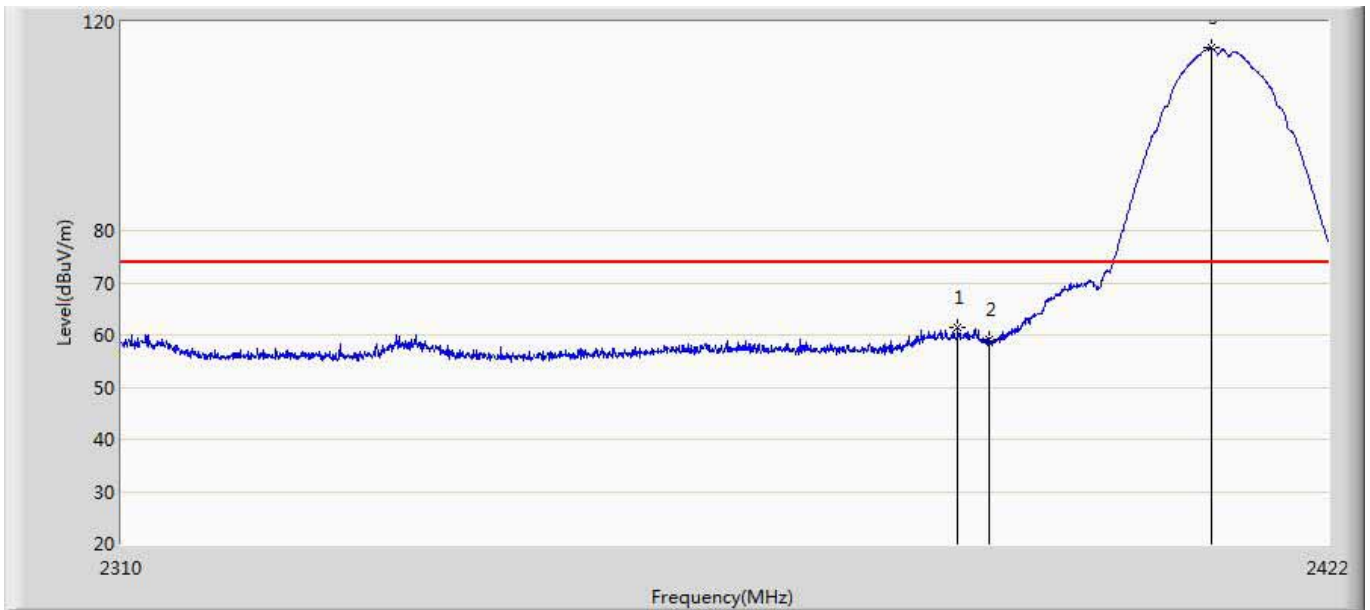
6.6. Duty Cycle

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%



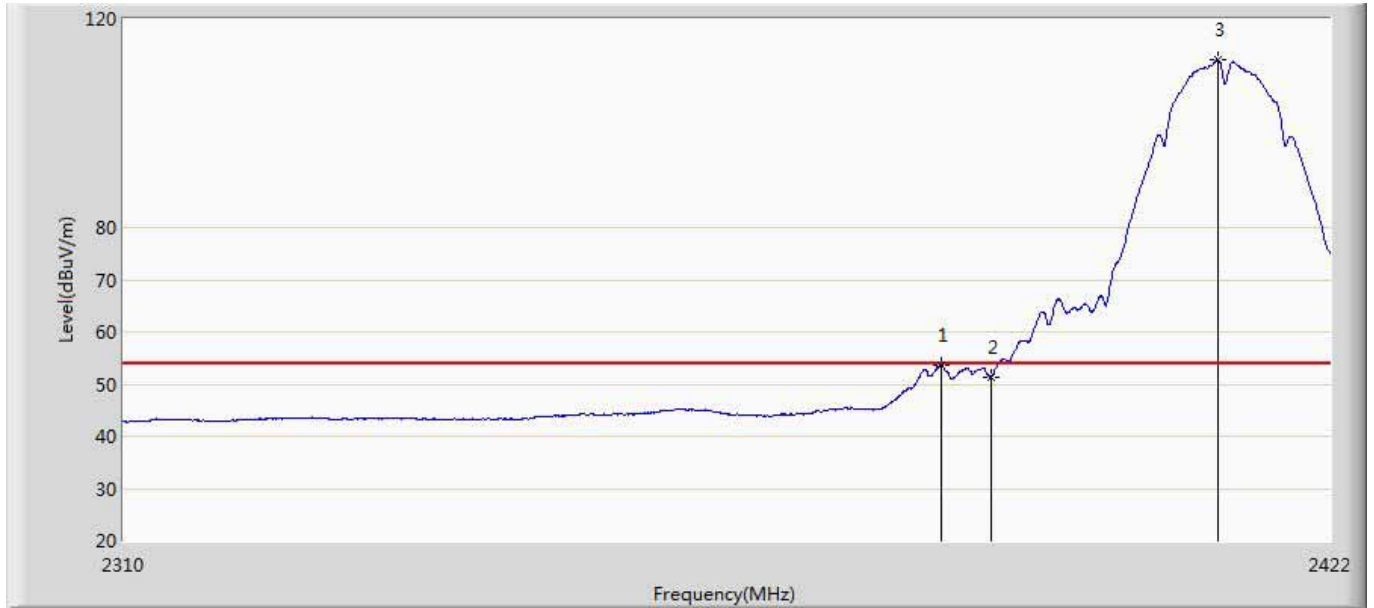
6.7. Test Result

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 15:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2412 by 802.11b	



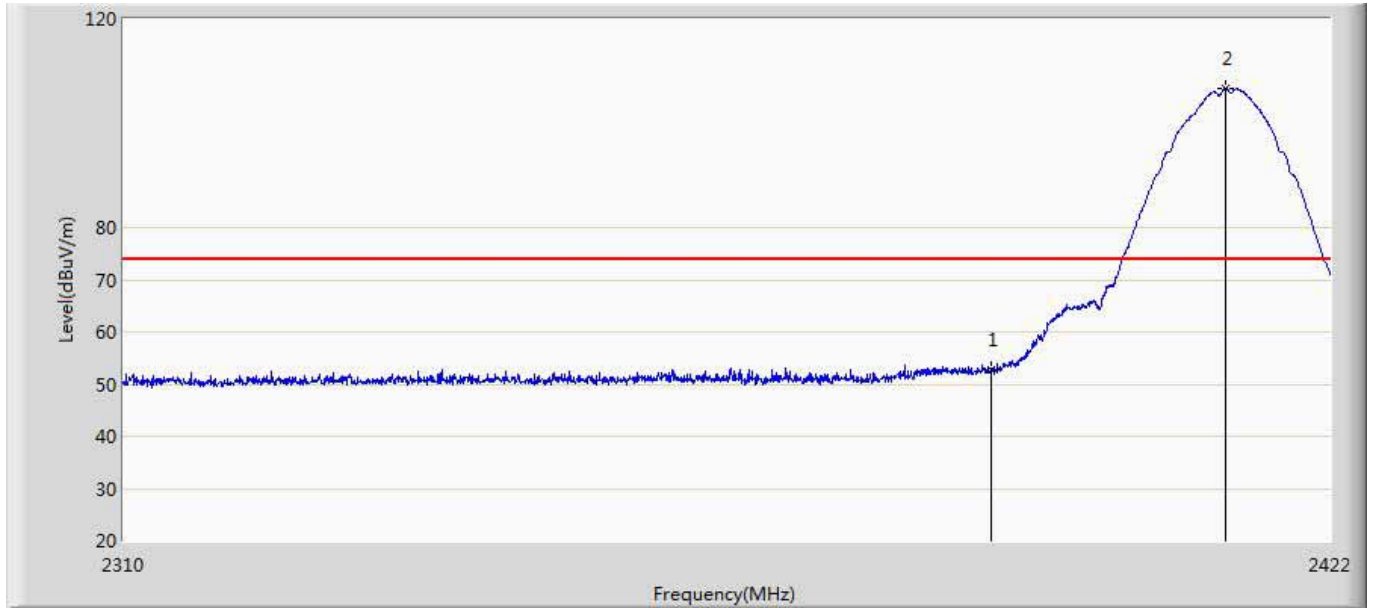
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.112	61.594	24.238	-12.406	74.000	37.356	PK
2		2390.000	59.083	21.728	-14.917	74.000	37.355	PK
3	*	2411.024	114.957	77.629	N/A	N/A	37.328	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 15:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2412 by 802.11b	



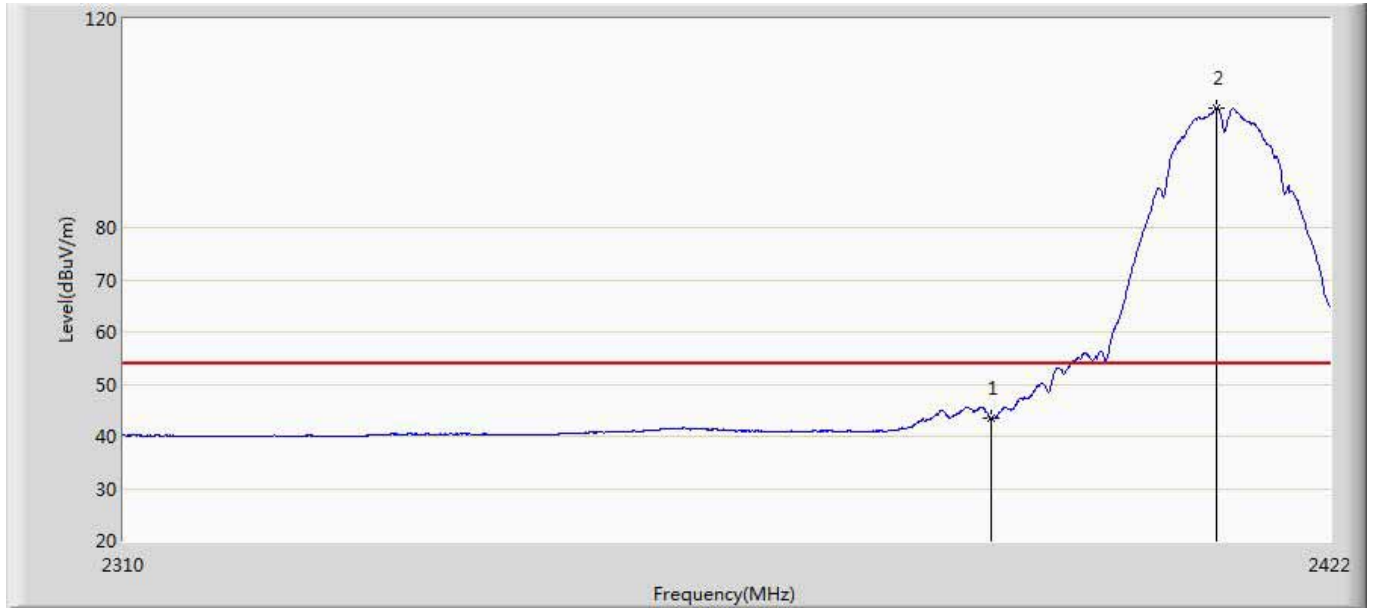
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2385.320	53.768	16.411	-0.232	54.000	37.356	AV
2		2390.000	51.265	13.910	-2.735	54.000	37.355	AV
3	*	2411.360	112.123	74.793	N/A	N/A	37.330	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 15:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2412 by 802.11b	



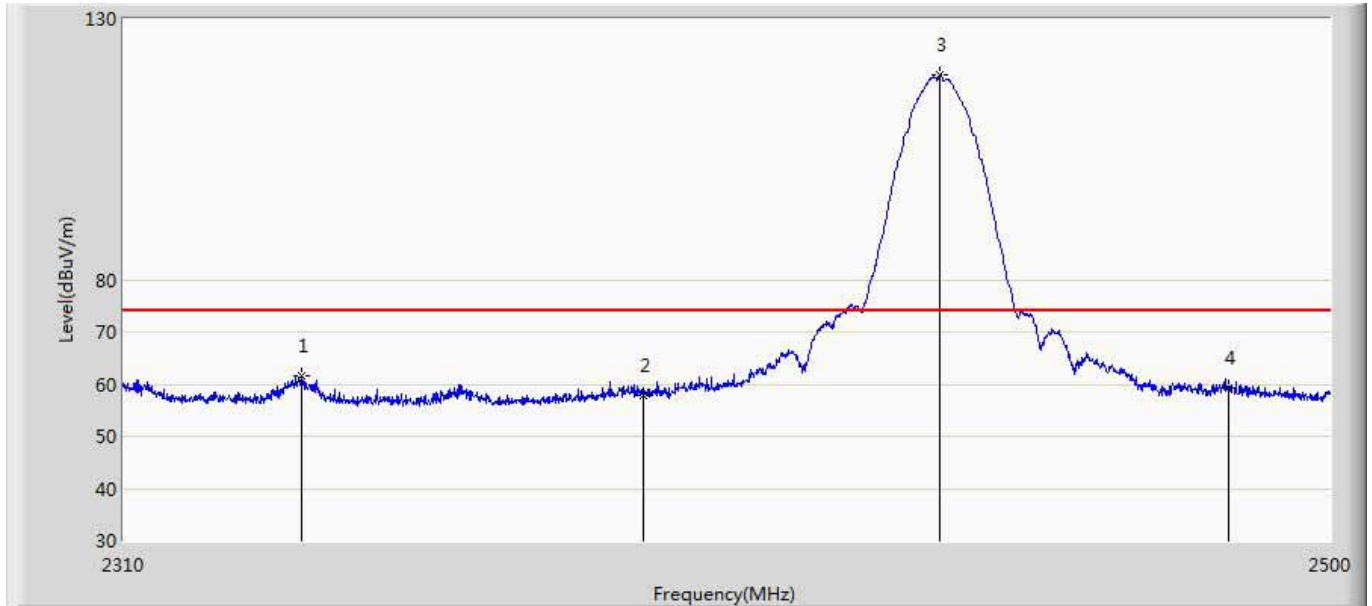
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.715	15.360	-21.285	74.000	37.355	PK
2	*	2412.088	106.747	69.412	N/A	N/A	37.335	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 15:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2412 by 802.11b	



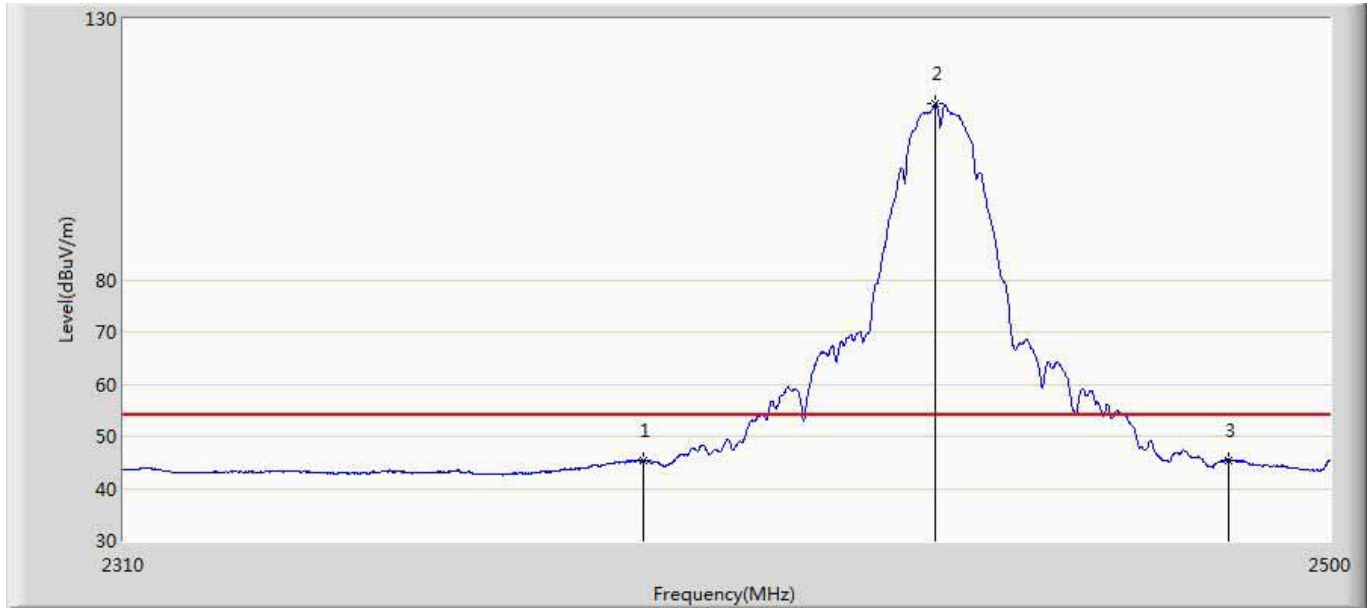
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.397	6.042	-10.603	54.000	37.355	AV
2	*	2411.192	102.923	65.594	N/A	N/A	37.329	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2437 by 802.11b	



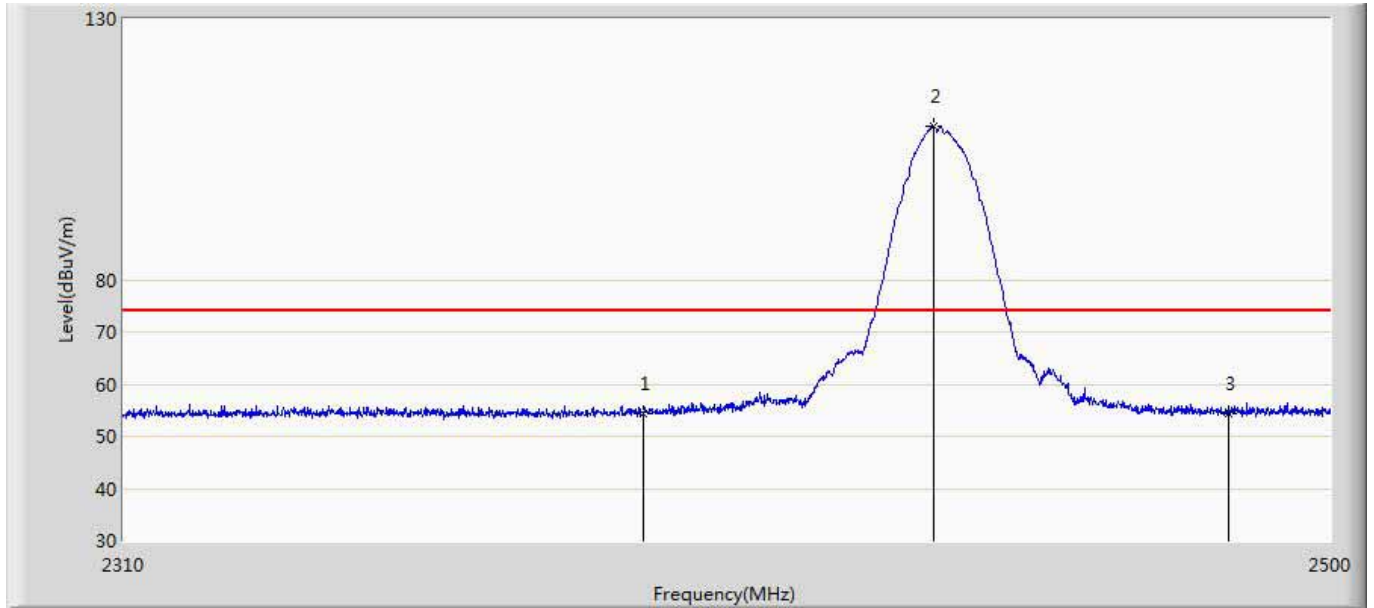
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2337.075	61.655	23.912	-12.345	74.000	37.743	PK
2		2390.000	57.913	20.050	-16.087	74.000	37.863	PK
3	*	2437.015	119.342	81.407	N/A	N/A	37.935	PK
4		2483.500	59.249	21.211	-14.751	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2437 by 802.11b	



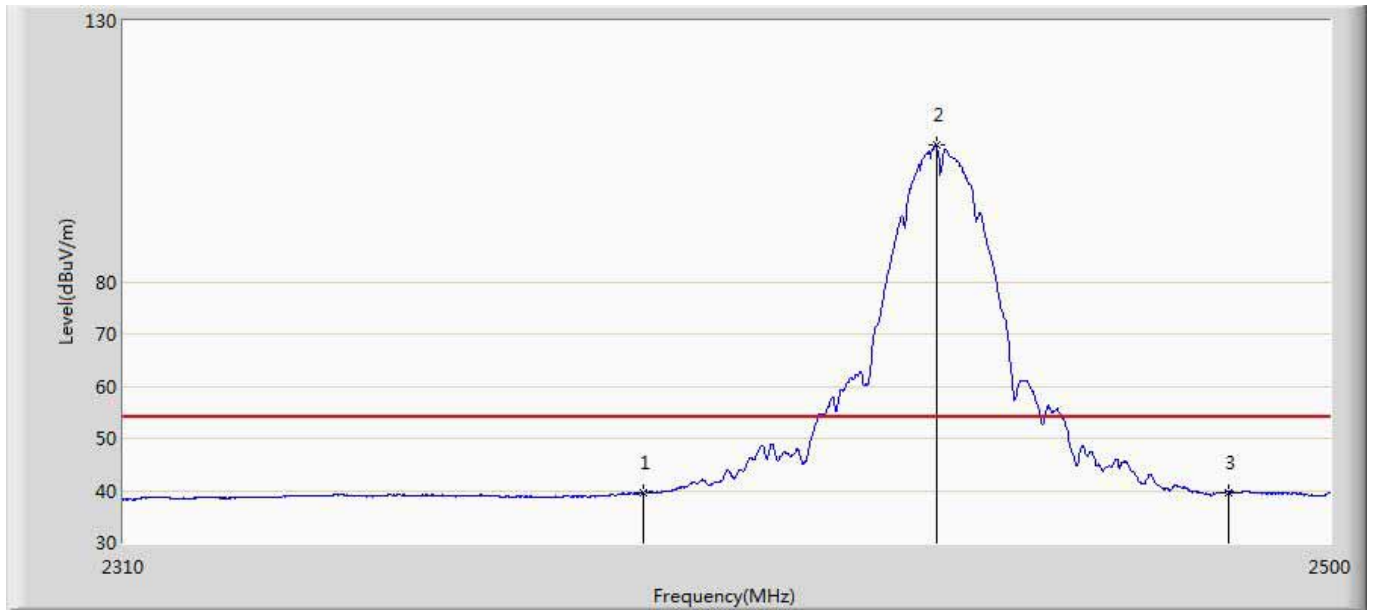
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.353	7.490	-8.647	54.000	37.863	AV
2	*	2436.160	113.808	75.874	N/A	N/A	37.935	AV
3		2483.500	45.479	7.441	-8.521	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2437 by 802.11b	



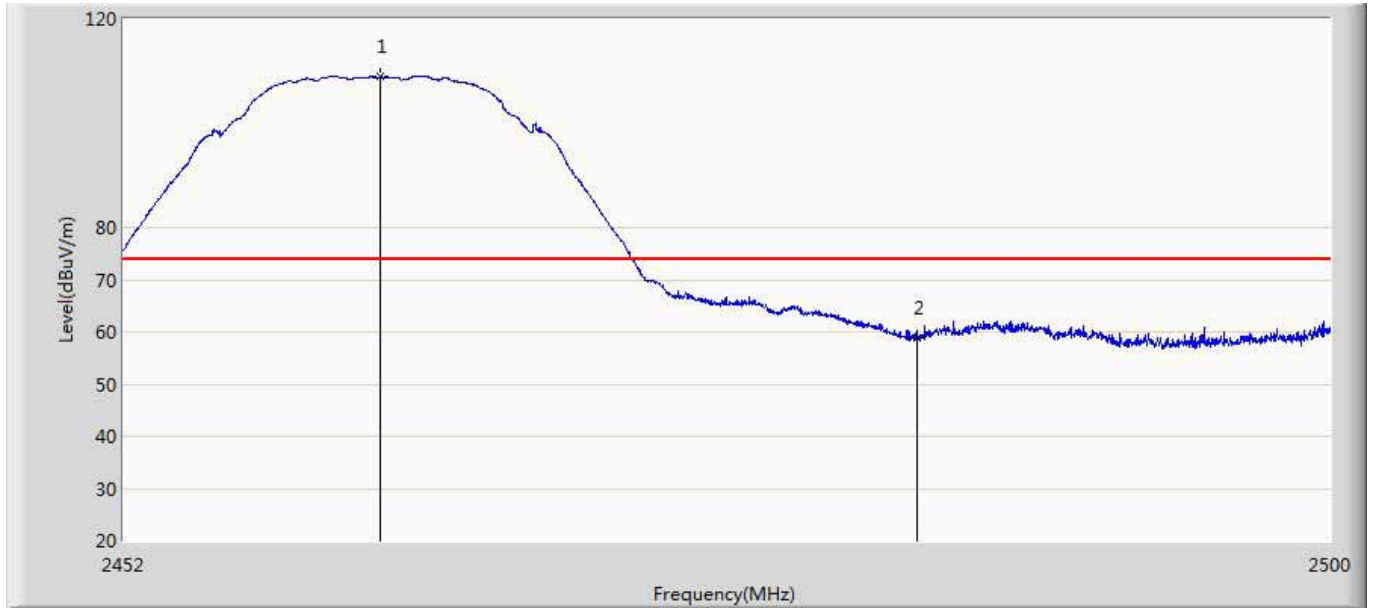
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	54.453	16.590	-19.547	74.000	37.863	PK
2	*	2436.065	109.374	71.440	N/A	N/A	37.934	PK
3		2483.500	54.462	16.424	-19.538	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2437 by 802.11b	



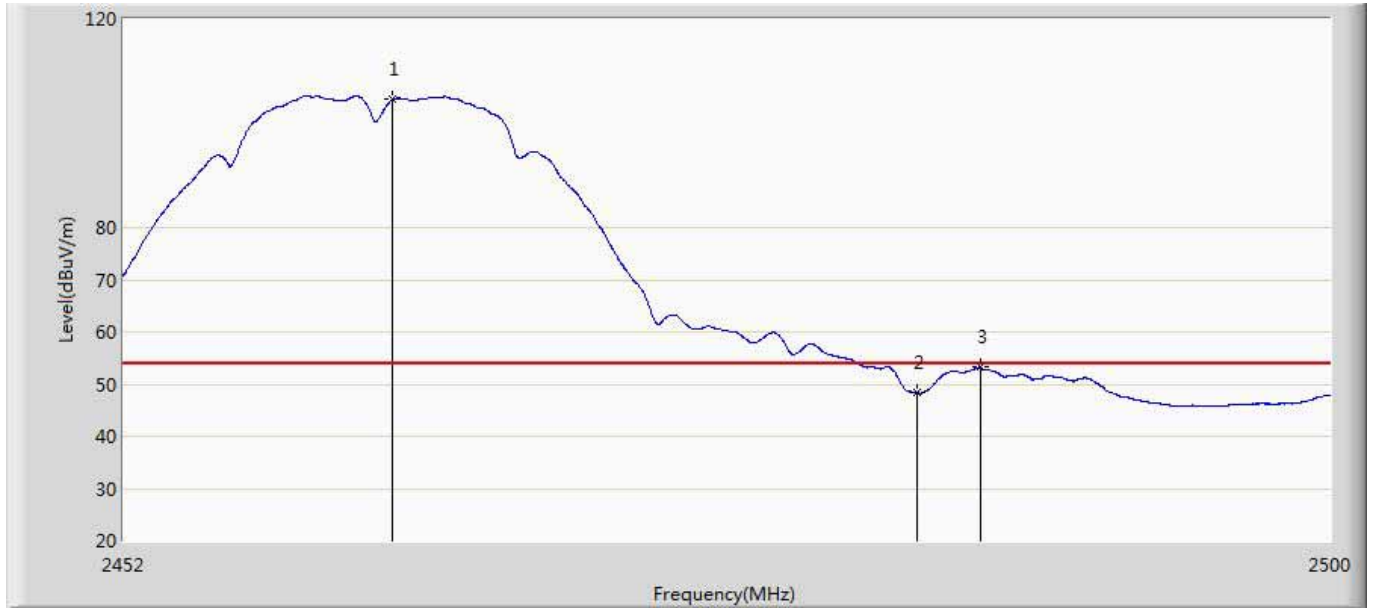
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	39.605	1.742	-14.395	54.000	37.863	AV
2	*	2436.350	106.139	68.204	N/A	N/A	37.935	AV
3		2483.500	39.669	1.631	-14.331	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 16:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2462 by 802.11b	



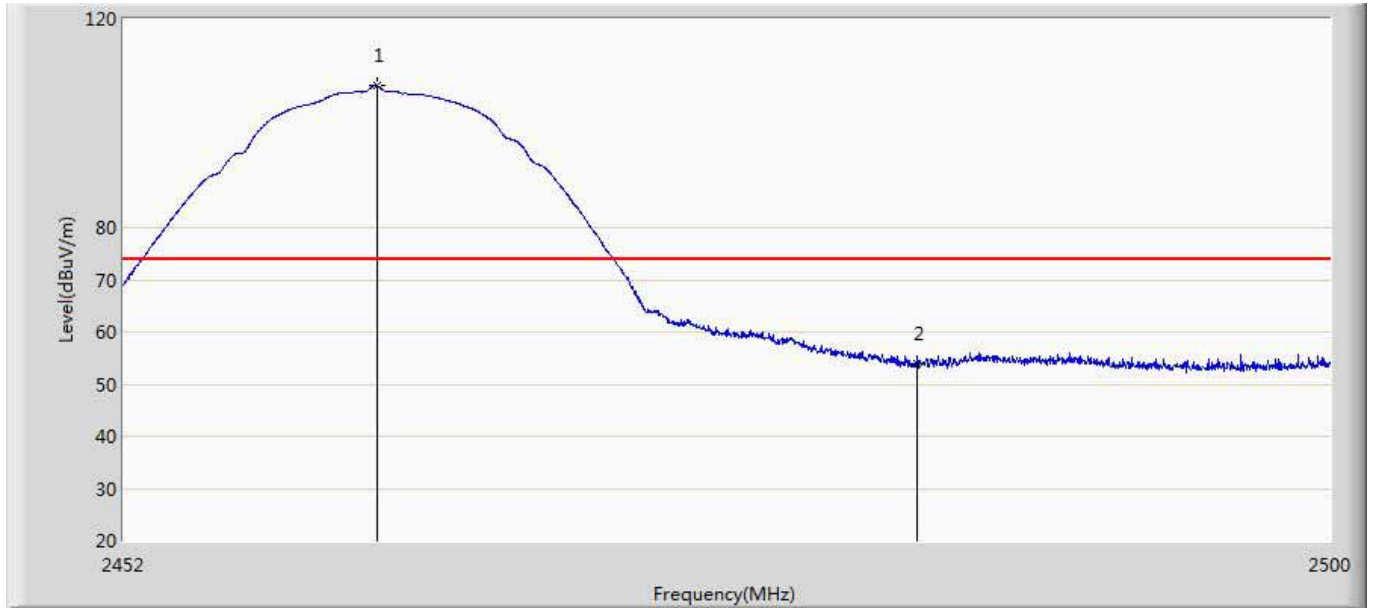
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.176	108.963	71.542	N/A	N/A	37.421	PK
2		2483.500	58.934	21.423	-15.066	74.000	37.511	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2462 by 802.11b	



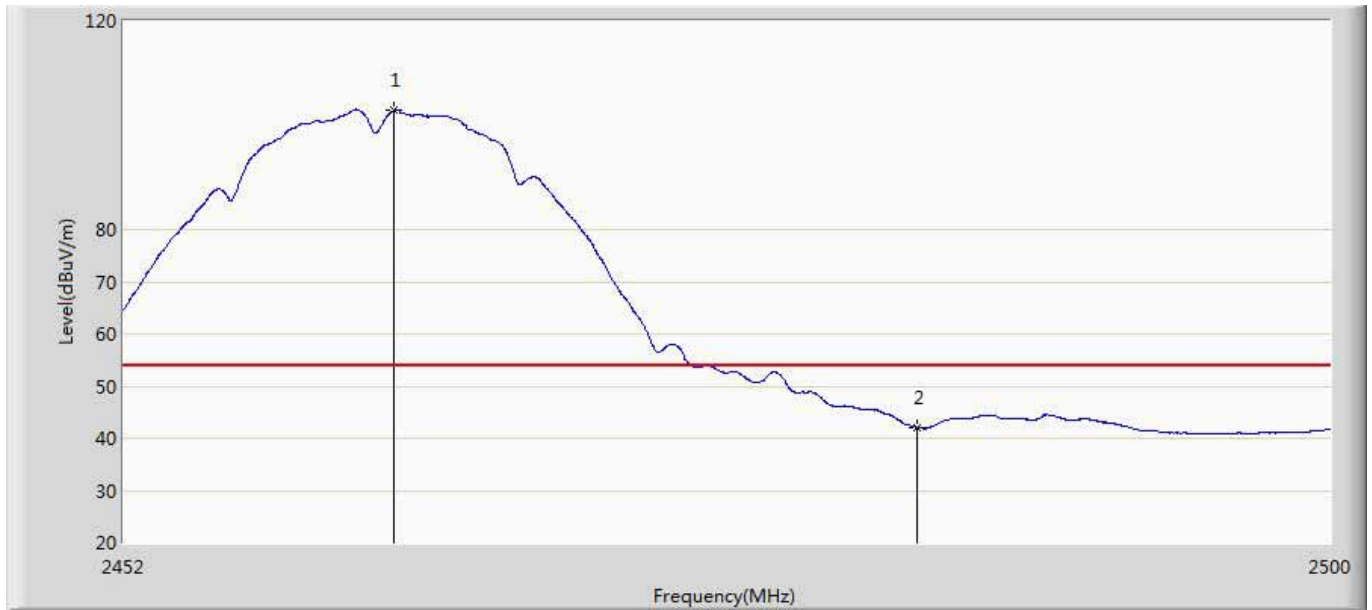
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.656	104.647	67.224	N/A	N/A	37.423	AV
2		2483.500	48.319	10.808	-5.681	54.000	37.511	AV
3		2485.984	53.329	15.800	-0.671	54.000	37.529	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 16:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2462 by 802.11b	



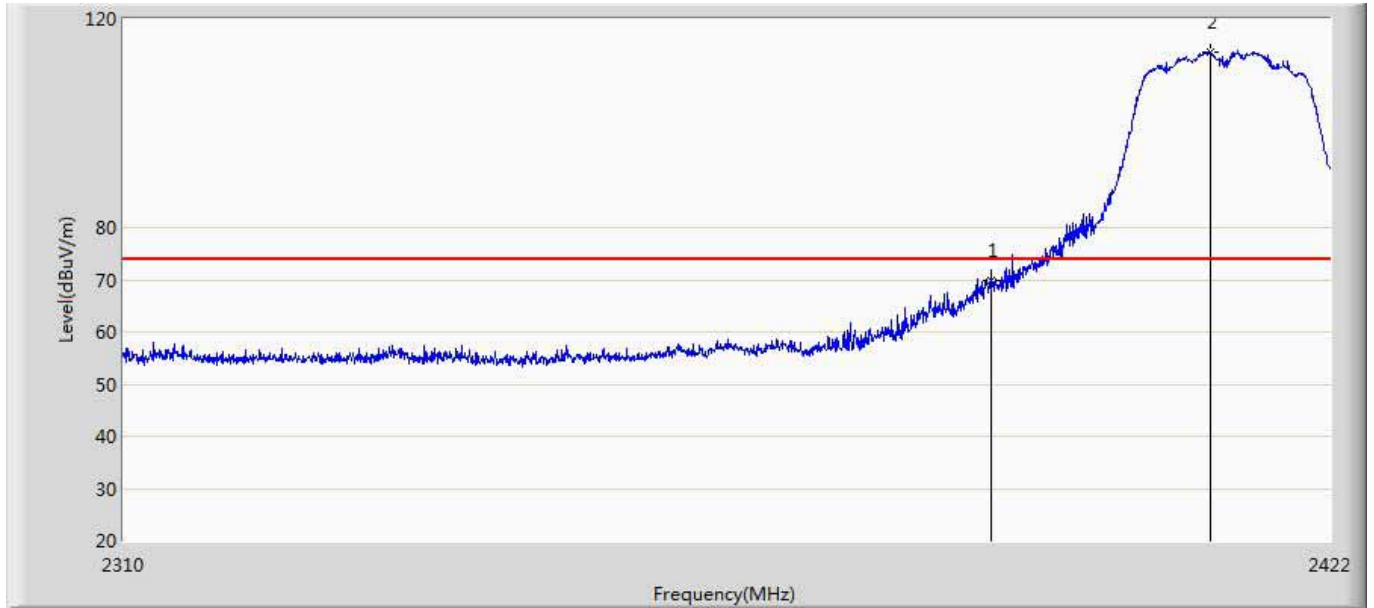
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.032	107.207	69.787	N/A	N/A	37.420	PK
2		2483.500	53.881	16.370	-20.119	74.000	37.511	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 16:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode1: Transmit at CH2462 by 802.11b	



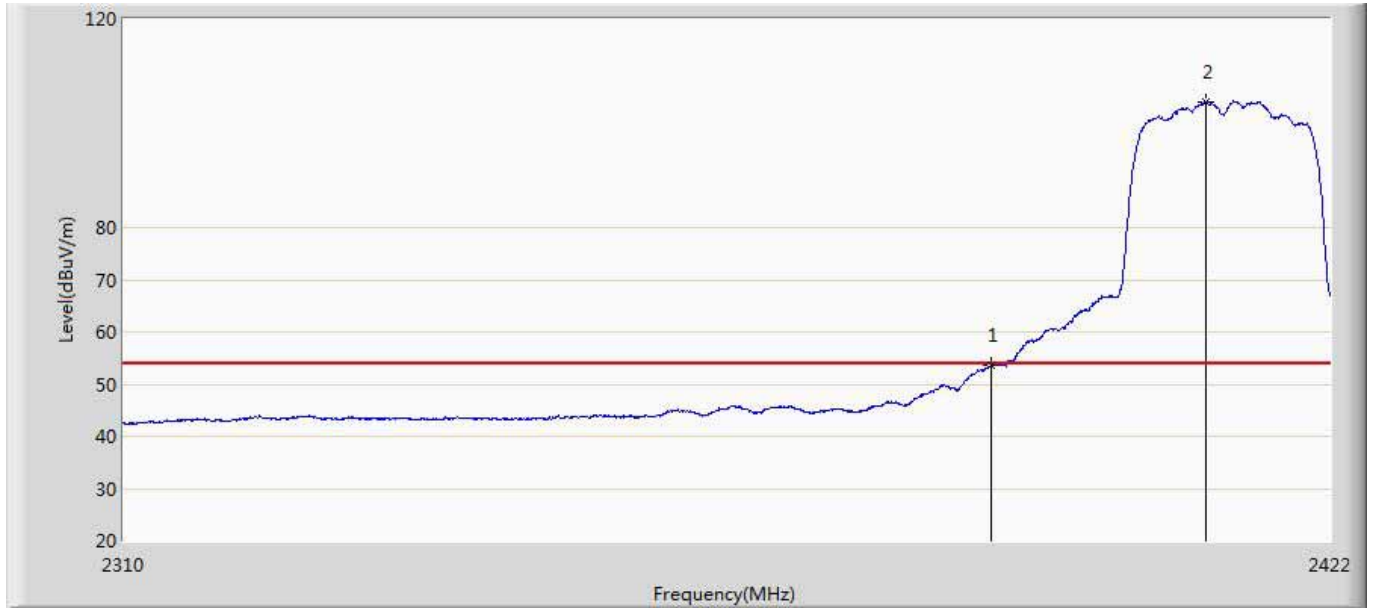
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.680	102.799	65.376	N/A	N/A	37.423	AV
2		2483.500	42.097	4.586	-11.903	54.000	37.511	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 16:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2412 by 802.11g	



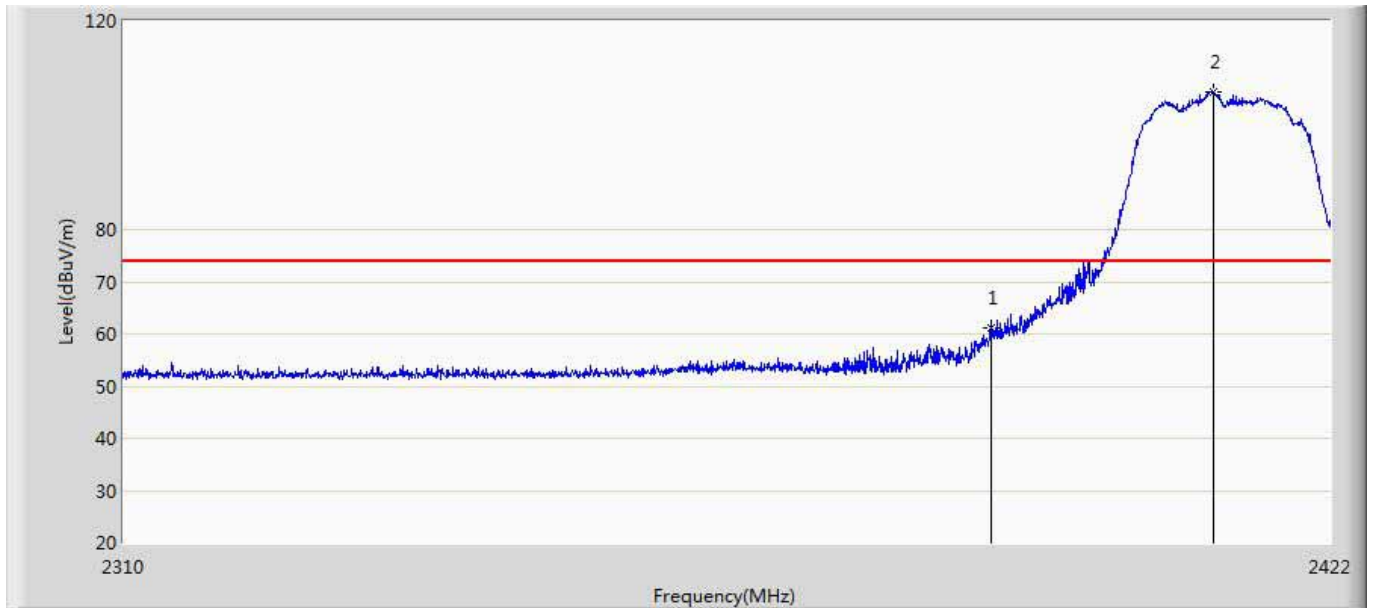
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	69.877	32.522	-4.123	74.000	37.355	PK
2	*	2410.632	113.722	76.394	N/A	N/A	37.329	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2412 by 802.11g	



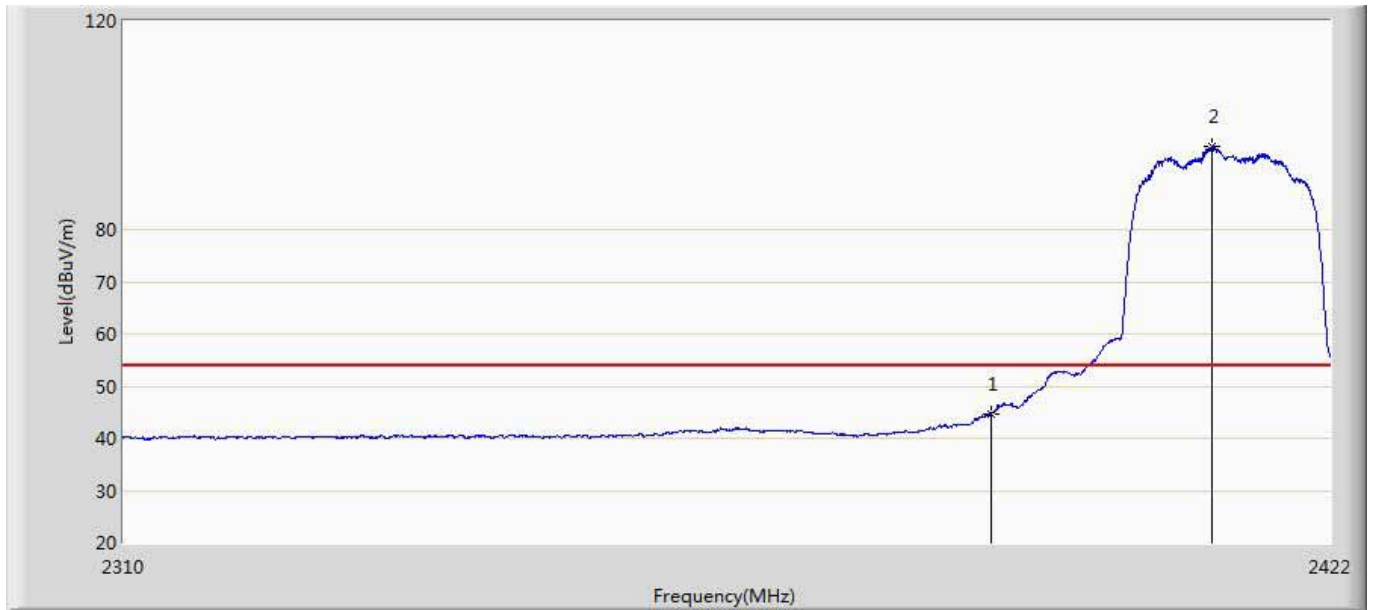
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.515	16.160	-0.485	54.000	37.355	AV
2	*	2410.296	104.079	66.750	N/A	N/A	37.328	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2412 by 802.11g	



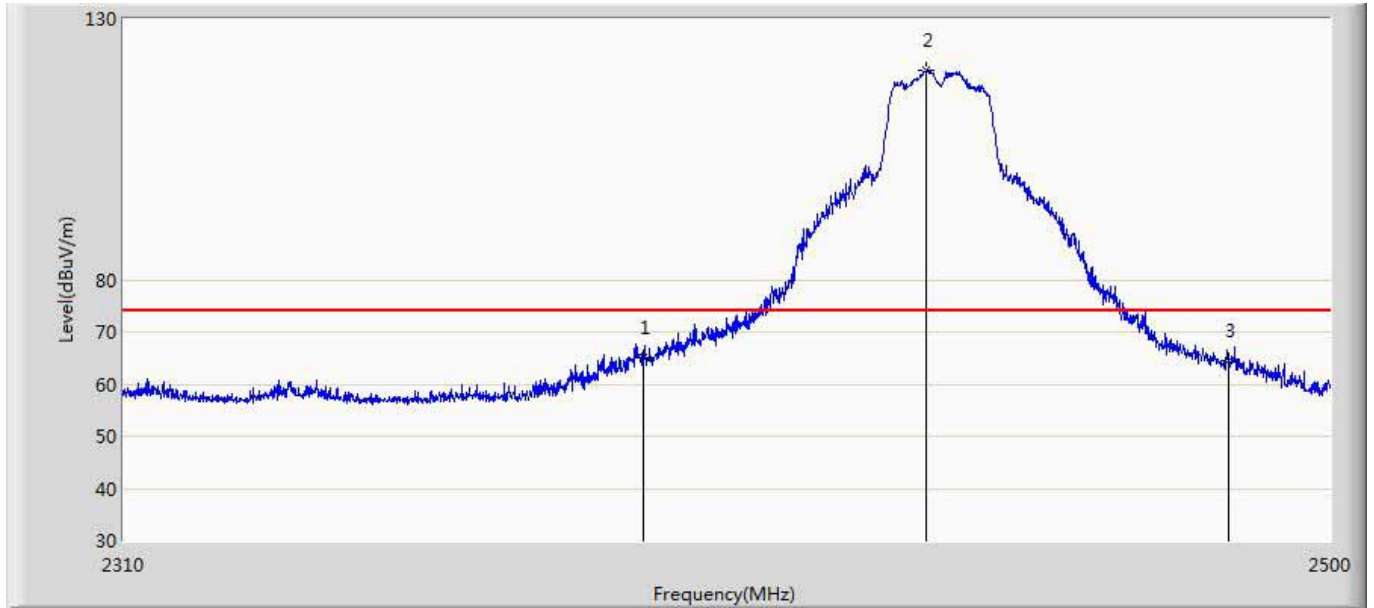
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	61.039	23.684	-12.961	74.000	37.355	PK
2	*	2411.024	106.255	68.927	N/A	N/A	37.328	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2412 by 802.11g	



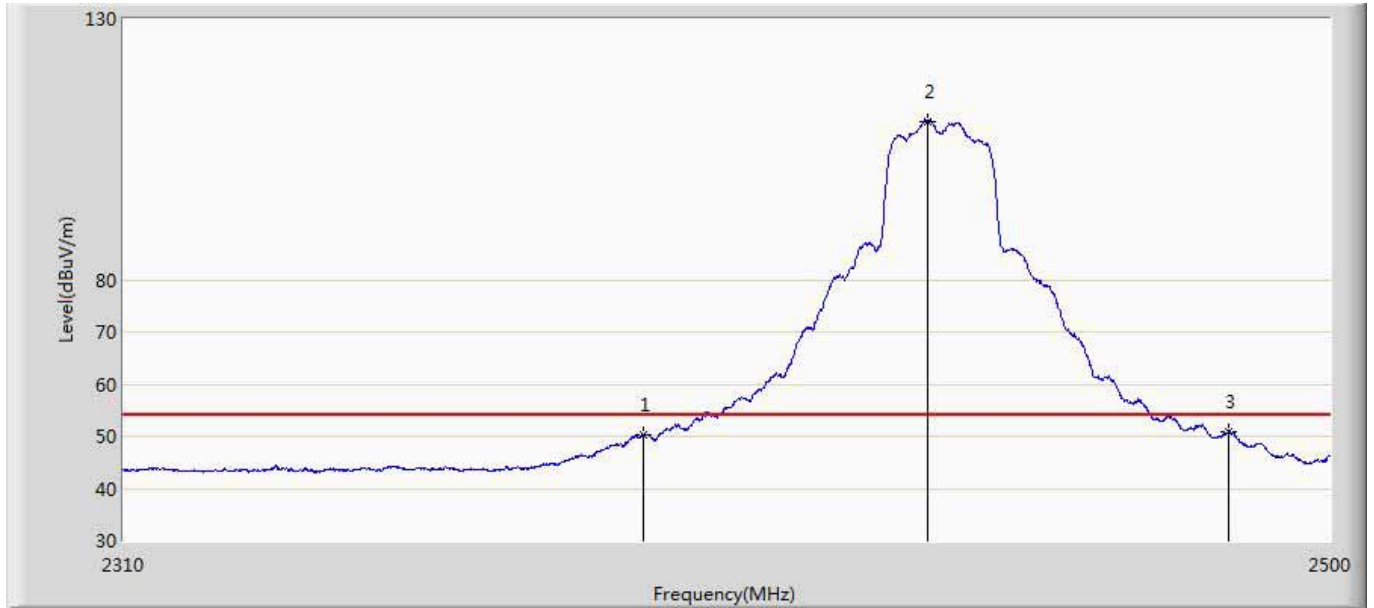
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.666	7.311	-9.334	54.000	37.355	AV
2	*	2410.856	95.964	58.636	N/A	N/A	37.328	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2437 by 802.11g	



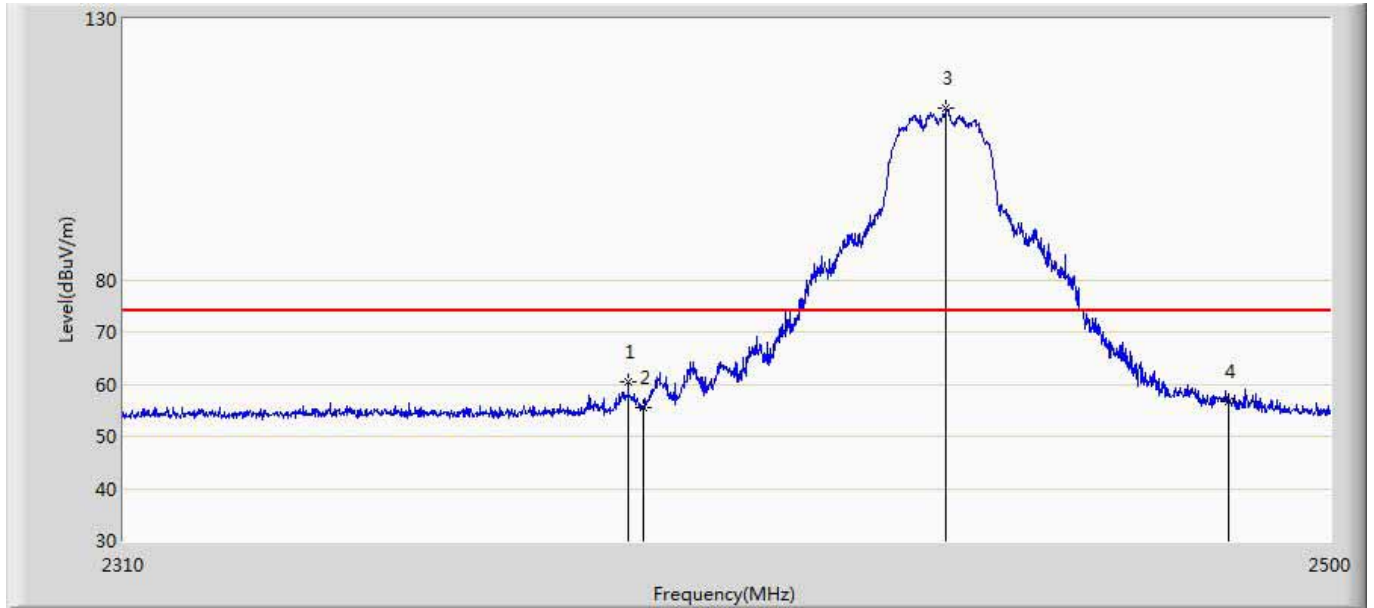
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	65.132	27.269	-8.868	74.000	37.863	PK
2	*	2434.735	120.240	82.306	N/A	N/A	37.934	PK
3		2483.500	64.425	26.387	-9.575	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2437 by 802.11g	



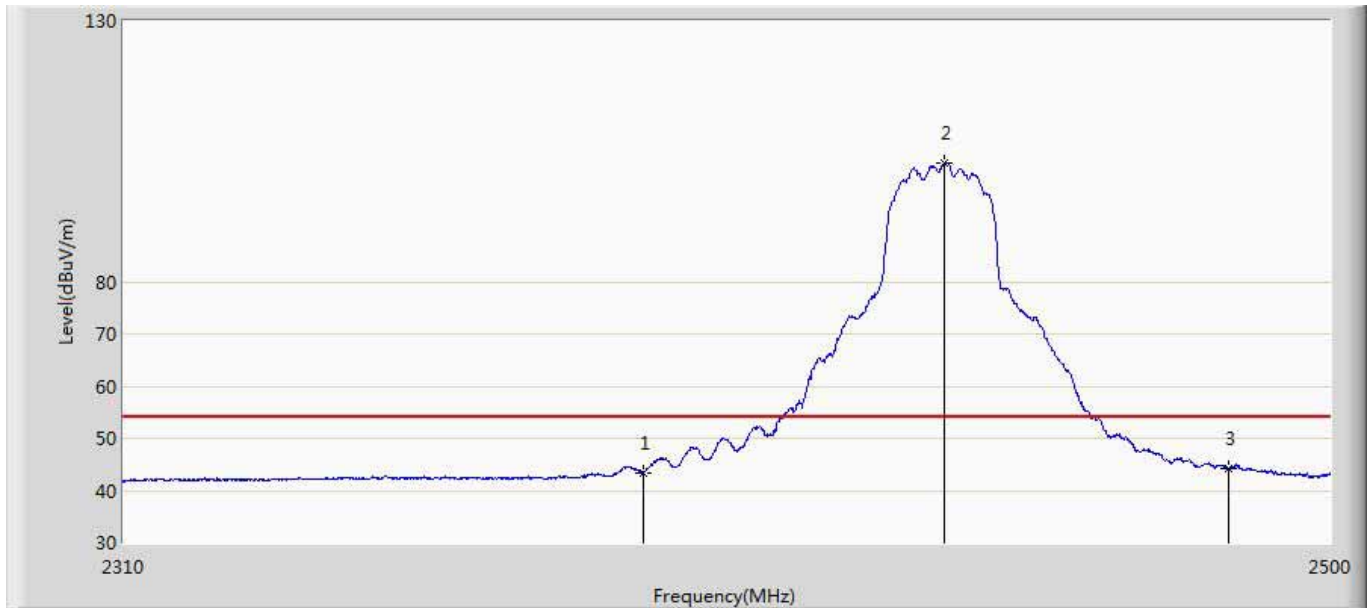
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.155	12.292	-3.845	54.000	37.863	AV
2	*	2434.925	110.434	72.500	N/A	N/A	37.933	AV
3		2483.500	50.927	12.889	-3.073	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2437 by 802.11g	



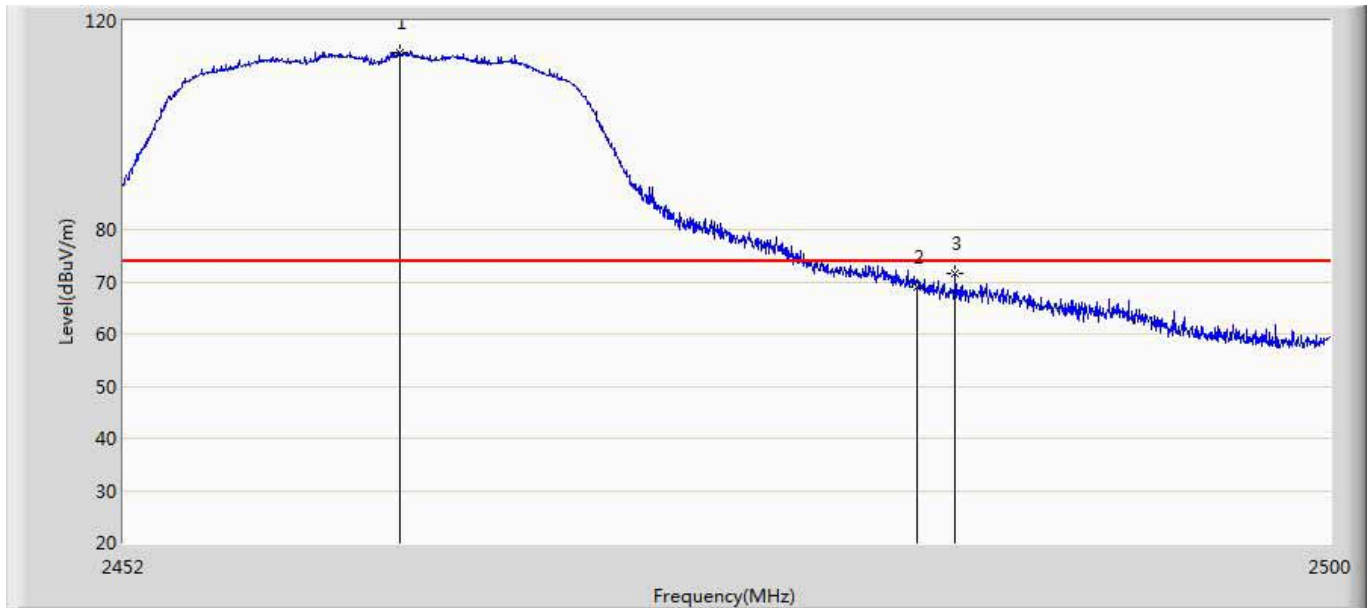
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.710	60.472	22.600	-13.528	74.000	37.871	PK
2		2390.000	55.444	17.581	-18.556	74.000	37.863	PK
3	*	2437.870	112.926	74.990	N/A	N/A	37.936	PK
4		2483.500	56.551	18.513	-17.449	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2437 by 802.11g	



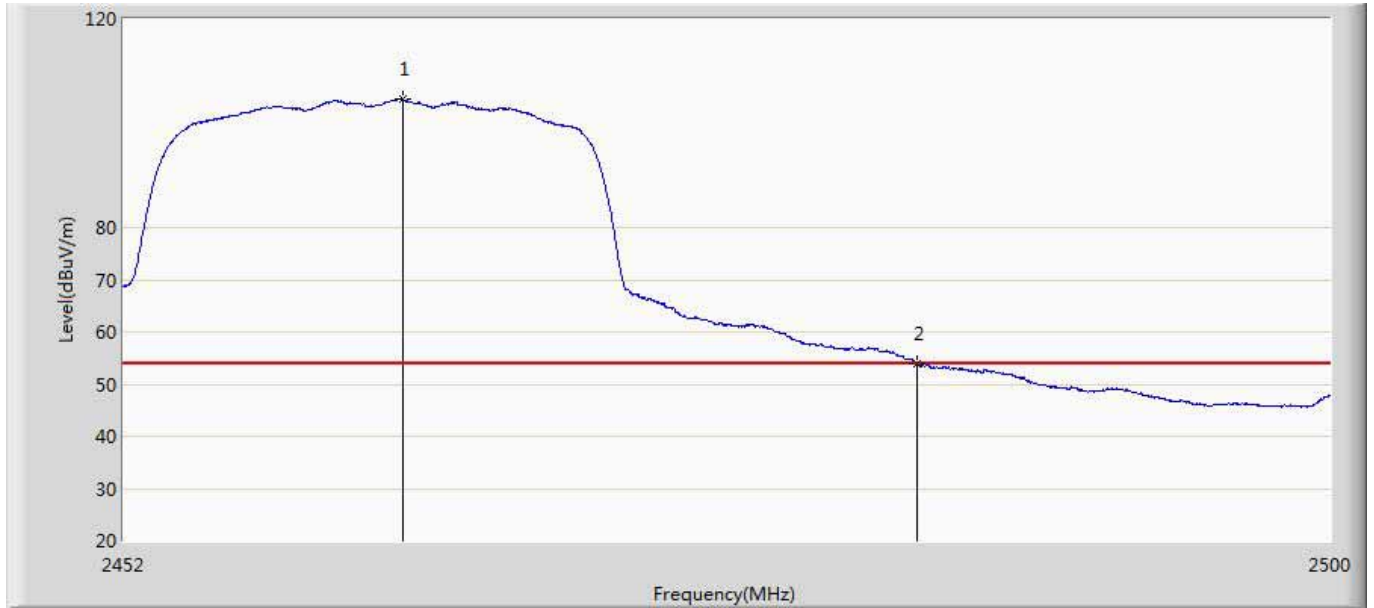
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.419	5.556	-10.581	54.000	37.863	AV
2	*	2437.585	102.701	64.766	N/A	N/A	37.935	AV
3		2483.500	44.283	6.245	-9.717	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2462 by 802.11g	



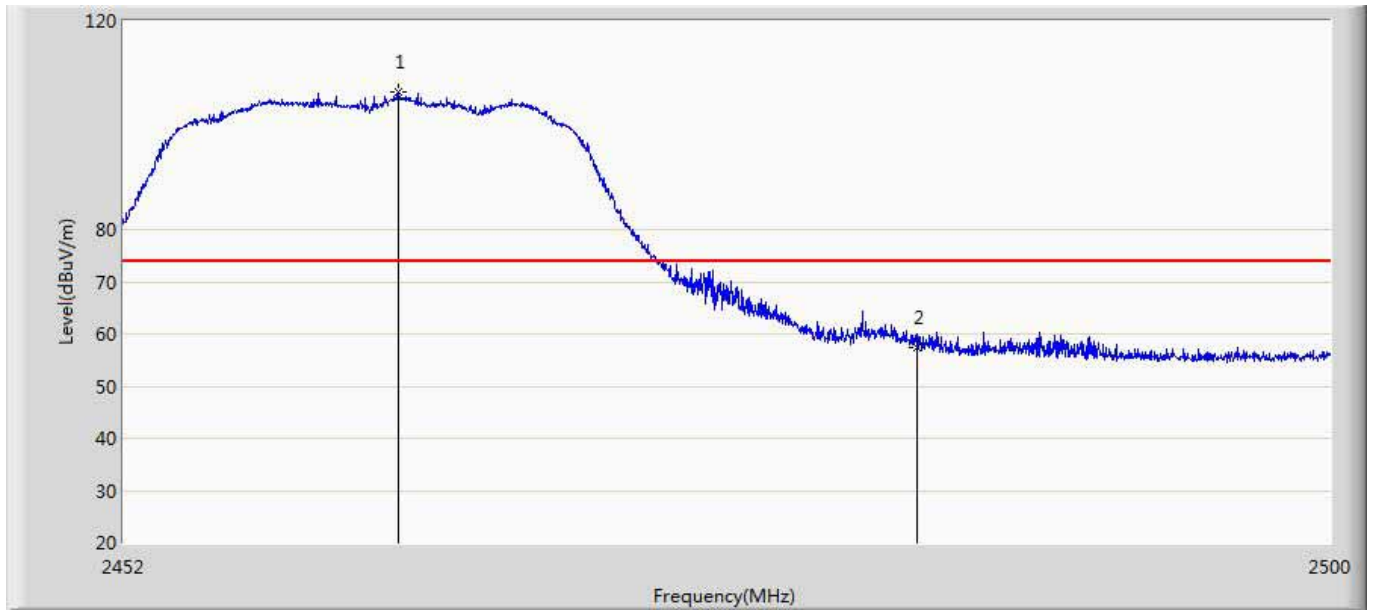
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.896	114.050	76.627	N/A	N/A	37.423	PK
2		2483.500	68.877	31.366	-5.123	74.000	37.511	PK
3		2485.000	71.460	33.938	-2.540	74.000	37.522	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2462 by 802.11g	



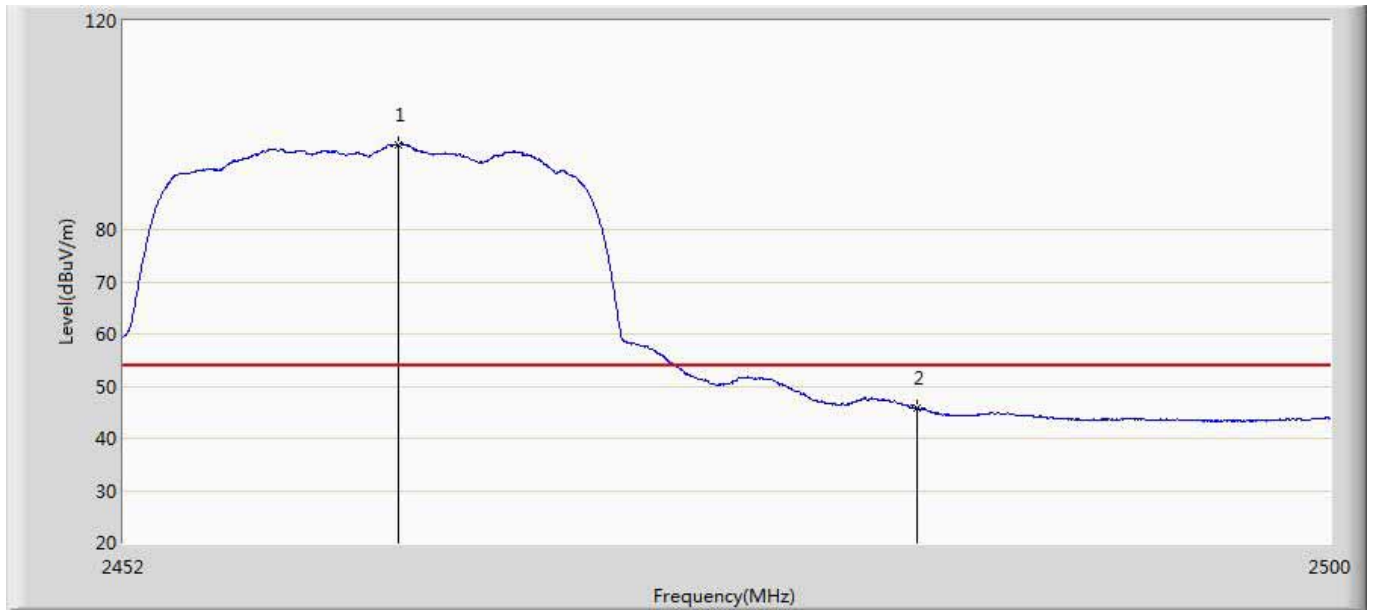
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.040	104.638	67.214	N/A	N/A	37.424	AV
2		2483.500	53.969	16.458	-0.031	54.000	37.511	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2462 by 802.11g	



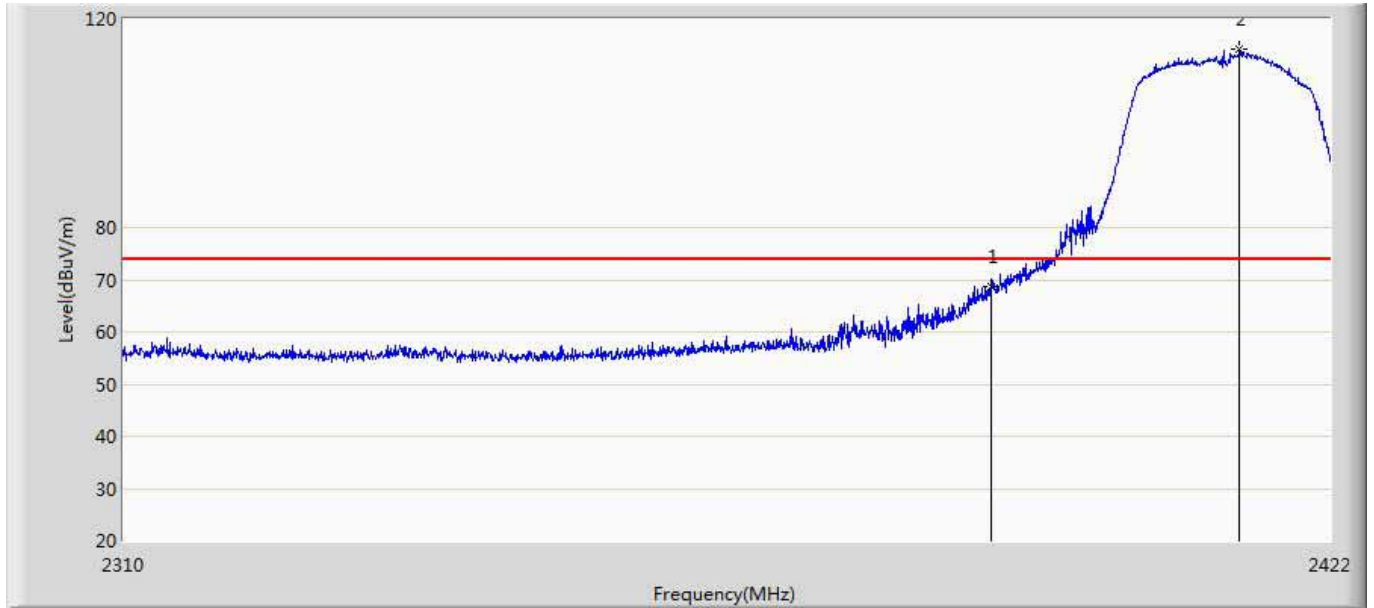
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.848	106.496	69.073	N/A	N/A	37.423	PK
2		2483.500	57.333	19.822	-16.667	74.000	37.511	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode2: Transmit at CH2462 by 802.11g	



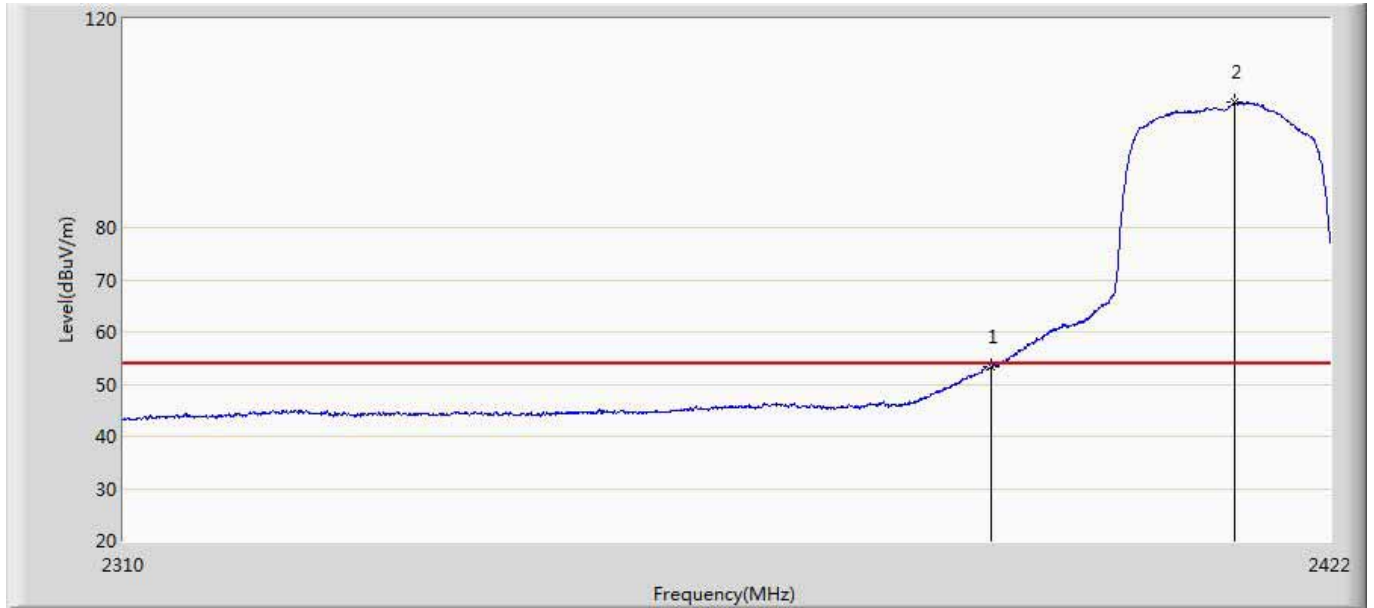
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.872	96.367	58.944	N/A	N/A	37.423	AV
2		2483.500	45.745	8.234	-8.255	54.000	37.511	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2412 by 802.11n20	



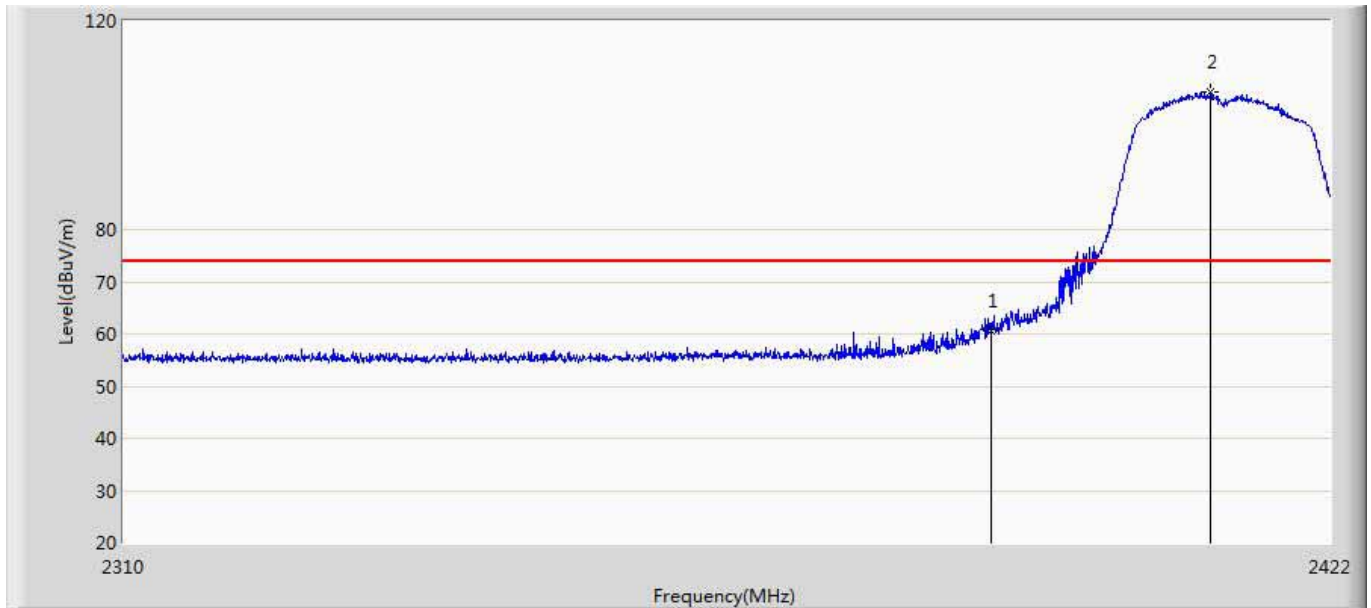
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.821	31.466	-5.179	74.000	37.355	PK
2	*	2413.432	114.165	76.821	N/A	N/A	37.344	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2412 by 802.11n20	



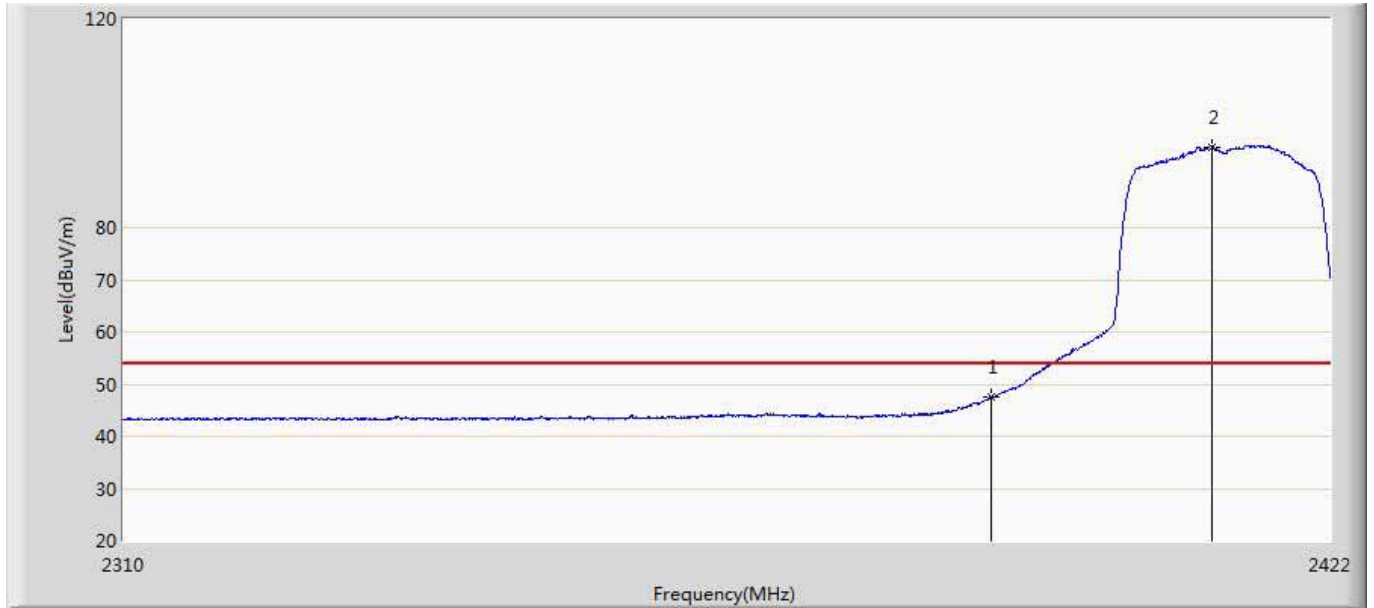
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.297	15.942	-0.703	54.000	37.355	AV
2	*	2412.984	103.921	66.580	N/A	N/A	37.340	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2412 by 802.11n20	



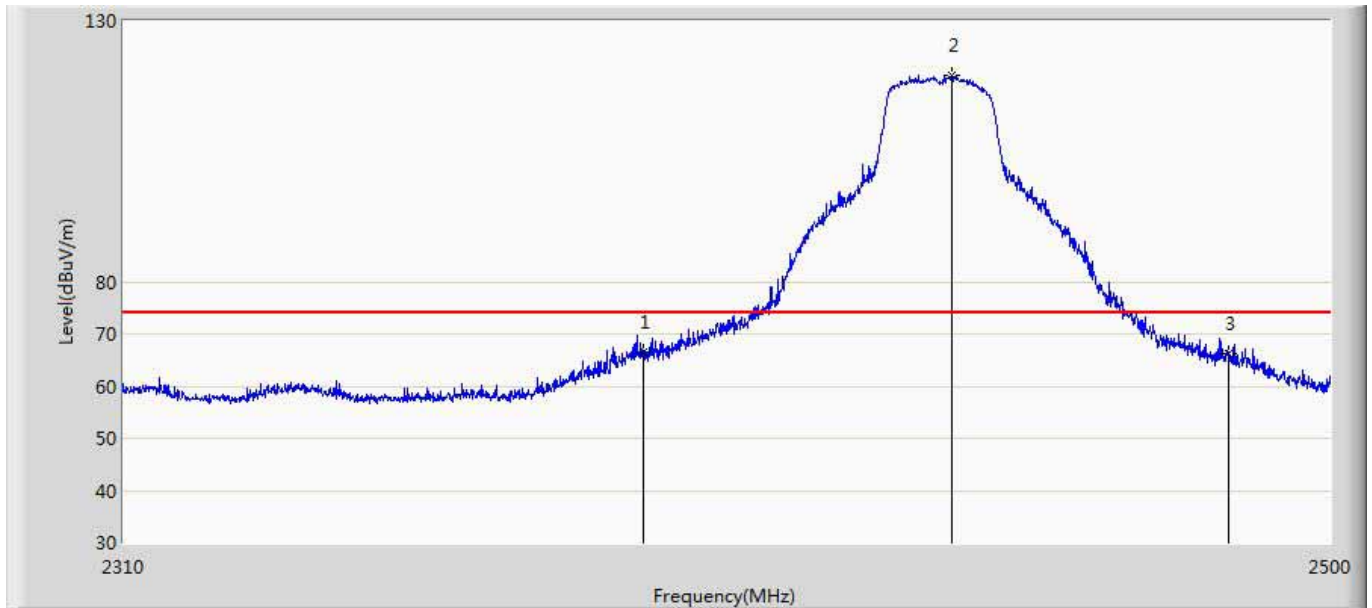
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	60.570	23.215	-13.430	74.000	37.355	PK
2	*	2410.688	106.255	68.927	N/A	N/A	37.328	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2412 by 802.11n20	



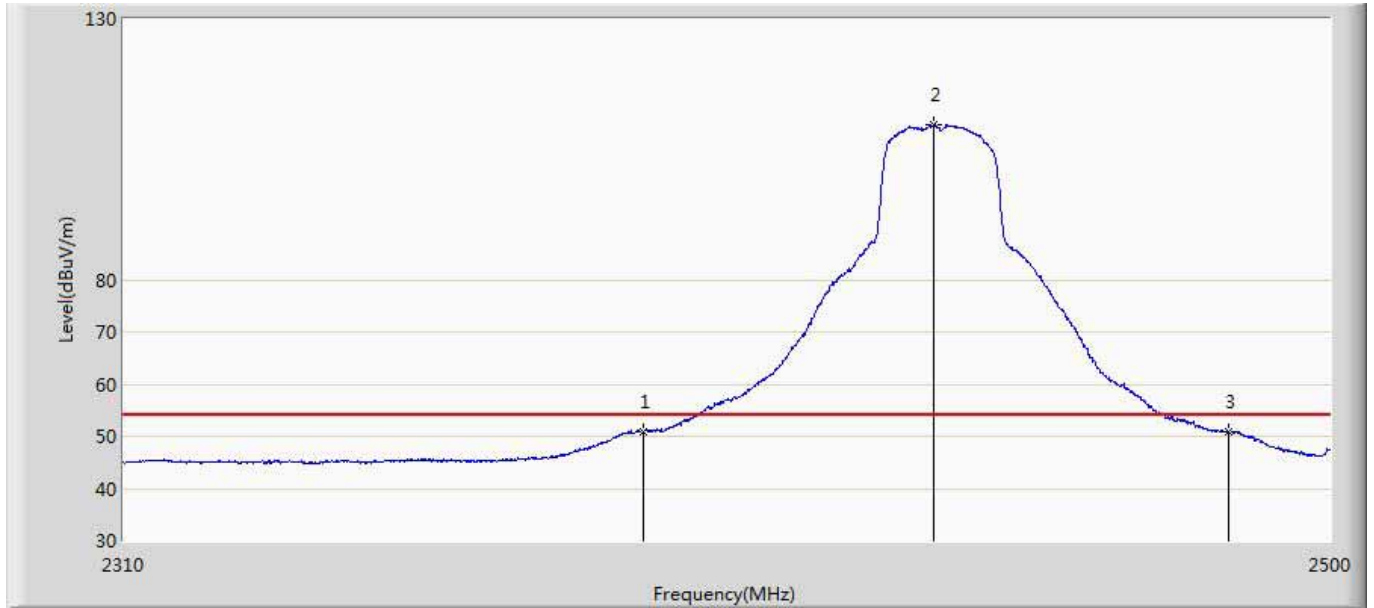
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	47.581	10.226	-6.419	54.000	37.355	AV
2	*	2410.856	95.441	58.113	N/A	N/A	37.328	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2437 by 802.11n20	



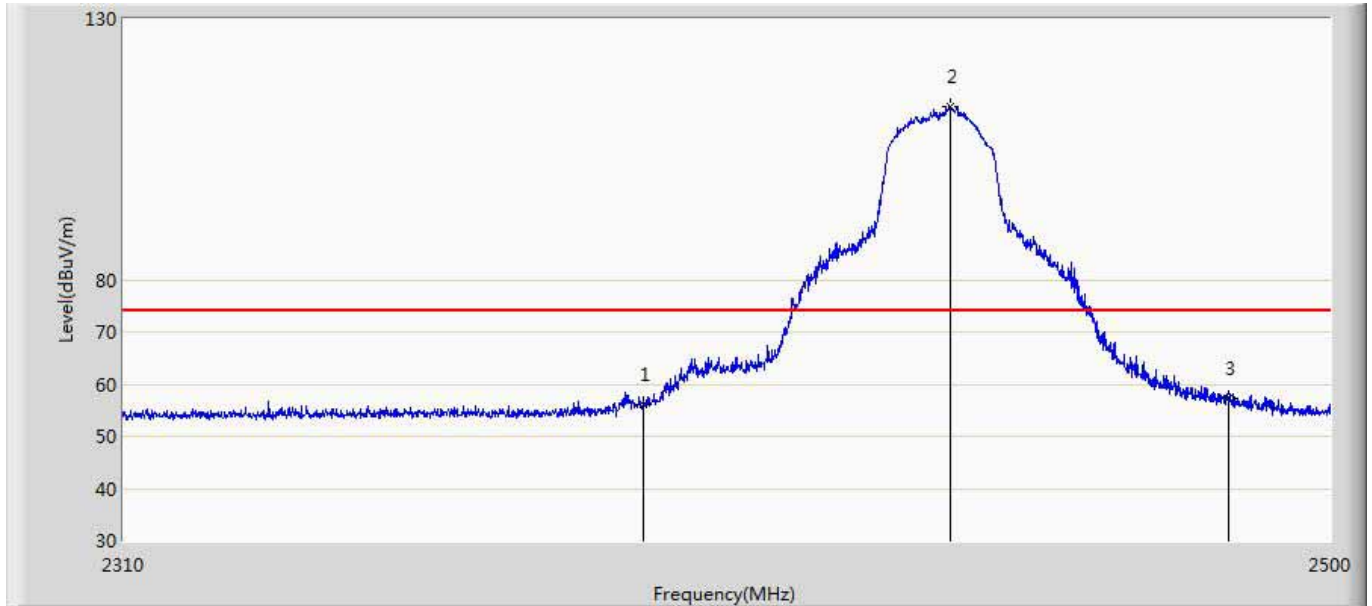
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.600	28.737	-7.400	74.000	37.863	PK
2	*	2438.820	119.633	81.697	N/A	N/A	37.936	PK
3		2483.500	66.110	28.072	-7.890	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2437 by 802.11n20	



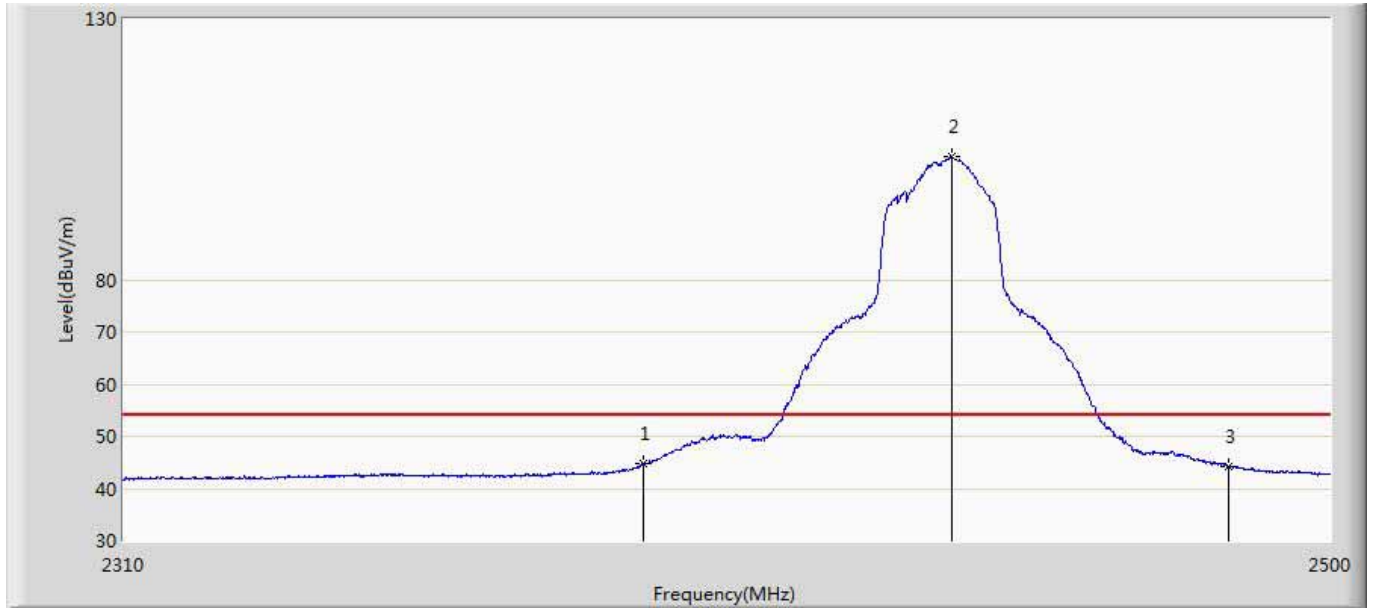
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.977	13.114	-3.023	54.000	37.863	AV
2	*	2435.875	109.682	71.748	N/A	N/A	37.934	AV
3		2483.500	50.807	12.769	-3.193	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2437 by 802.11n20	



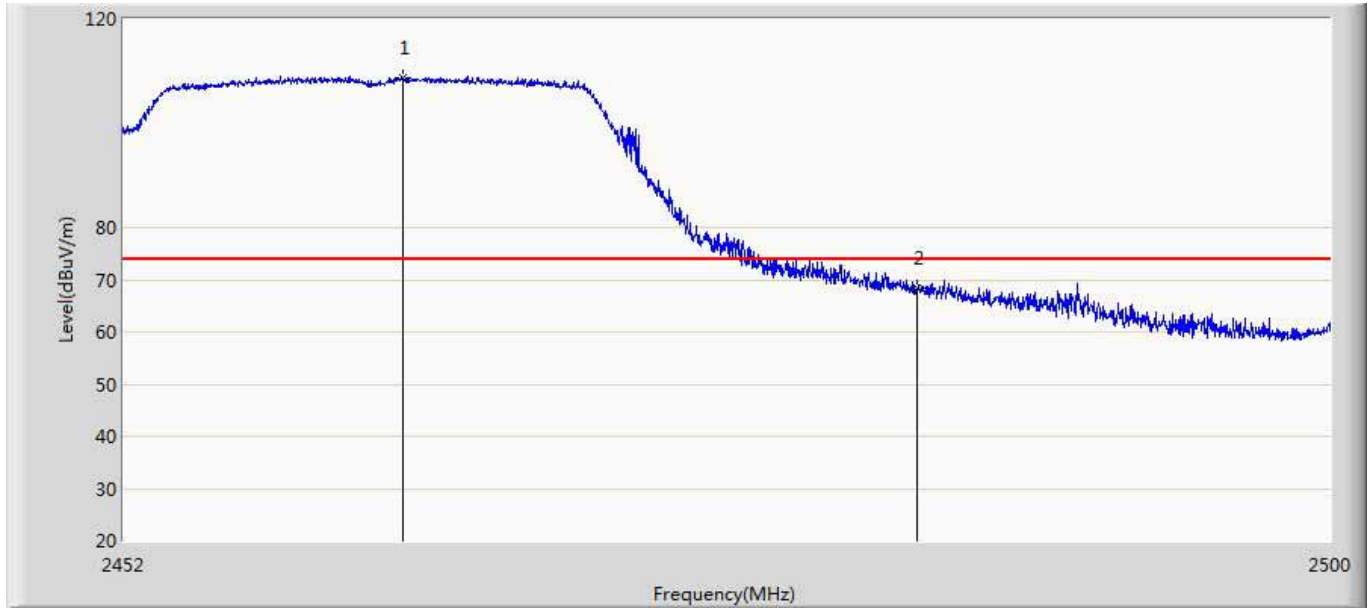
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	56.208	18.345	-17.792	74.000	37.863	PK
2	*	2438.725	113.168	75.232	N/A	N/A	37.936	PK
3		2483.500	57.268	19.230	-16.732	74.000	38.038	PK

Engineer: Cloud	
Site: AC5	Time: 2016/06/01 - 10:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2437 by 802.11n20	



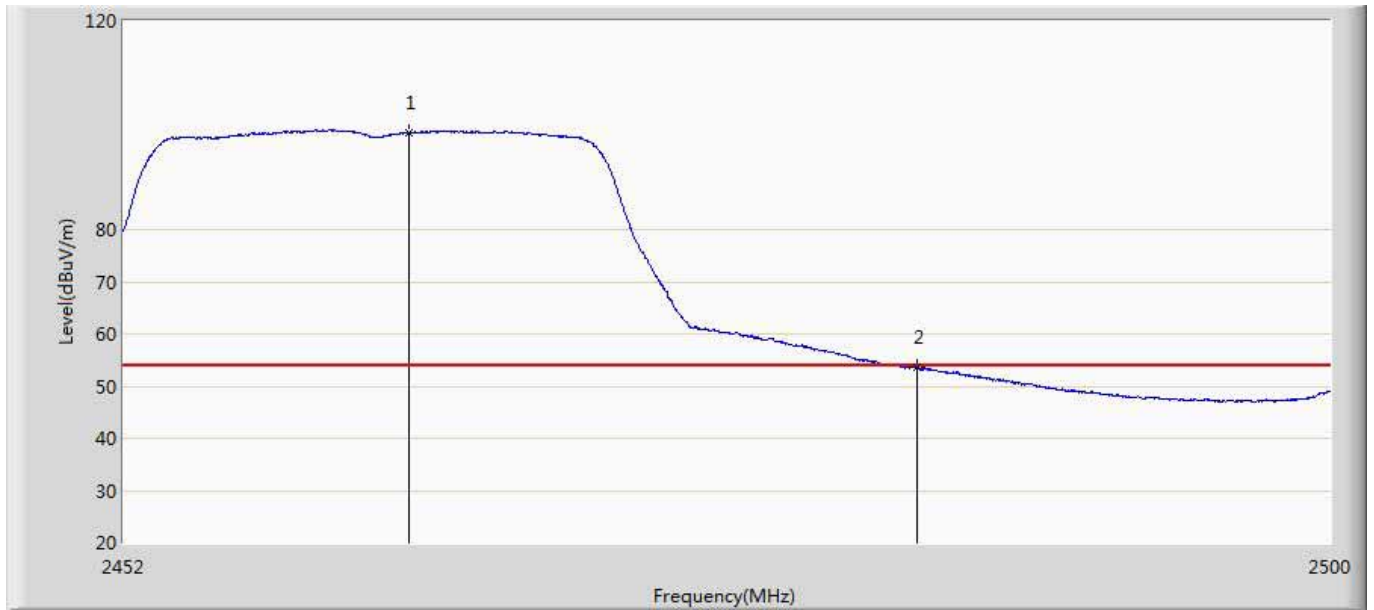
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.757	6.894	-9.243	54.000	37.863	AV
2	*	2438.820	103.489	65.553	N/A	N/A	37.936	AV
3		2483.500	44.257	6.219	-9.743	54.000	38.038	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2462 by 802.11n20	



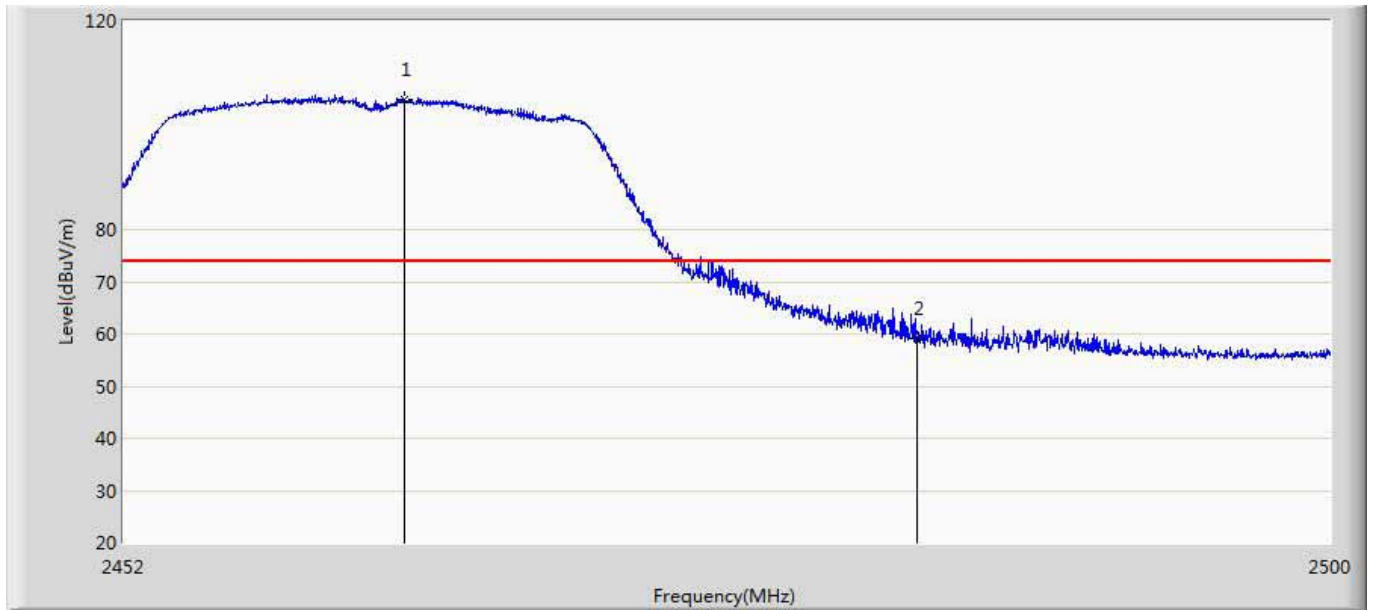
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.064	108.726	71.302	N/A	N/A	37.424	PK
2		2483.500	68.306	30.795	-5.694	74.000	37.511	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2462 by 802.11n20	



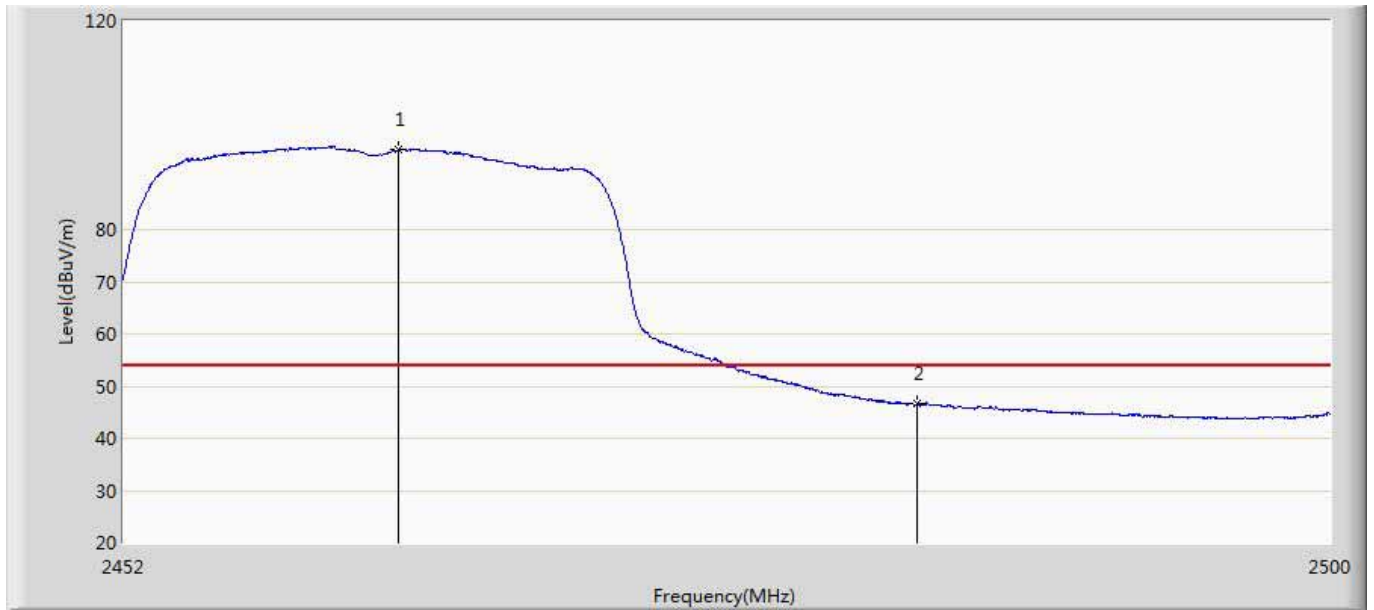
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.304	98.565	61.140	N/A	N/A	37.425	AV
2		2483.500	53.508	15.997	-0.492	54.000	37.511	AV

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2462 by 802.11n20	



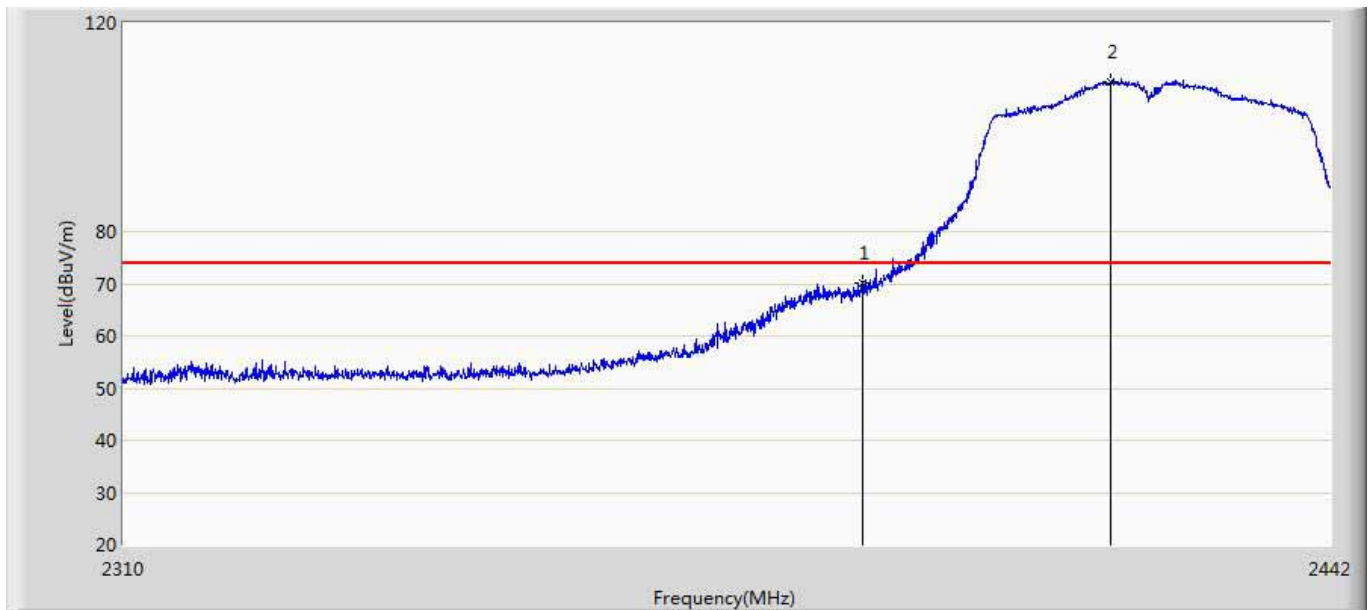
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.088	104.984	67.560	N/A	N/A	37.424	PK
2		2483.500	59.208	21.697	-14.792	74.000	37.511	PK

Engineer: Cloud	
Site: AC5	Time: 2016/05/26 - 17:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode3: Transmit at CH2462 by 802.11n20	



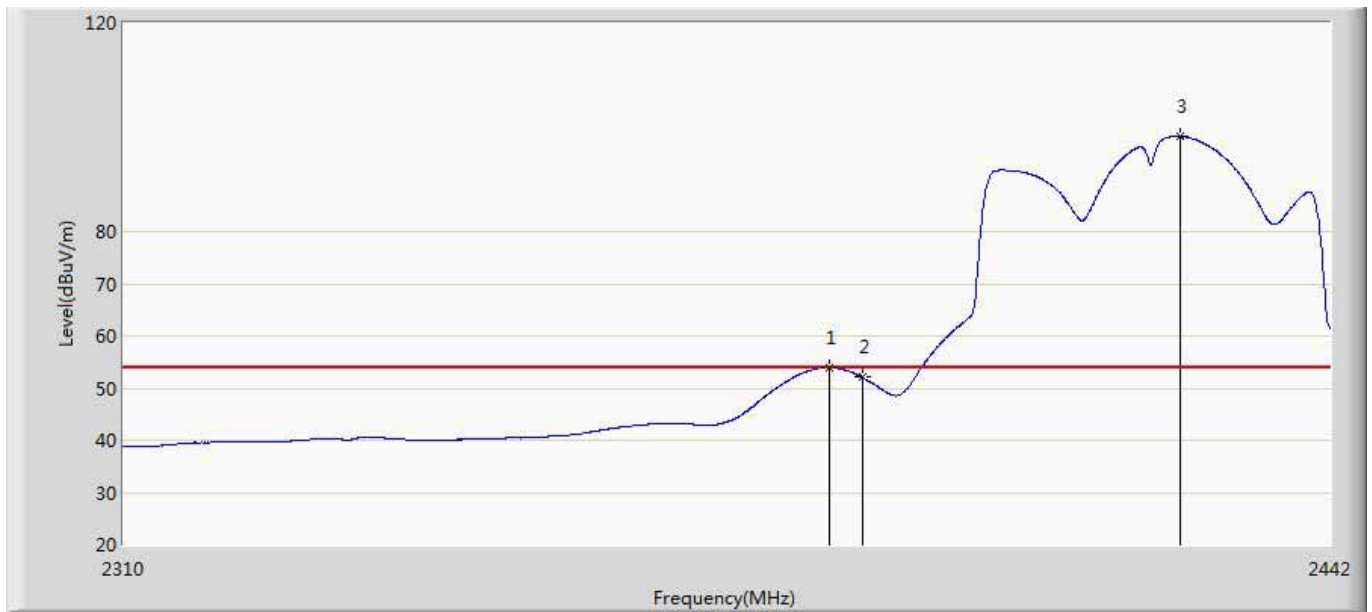
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.872	95.369	57.946	N/A	N/A	37.423	AV
2		2483.500	46.587	9.076	-7.413	54.000	37.511	AV

Profile: EAP225	Page No.: 97
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2422 by 802.11n40	



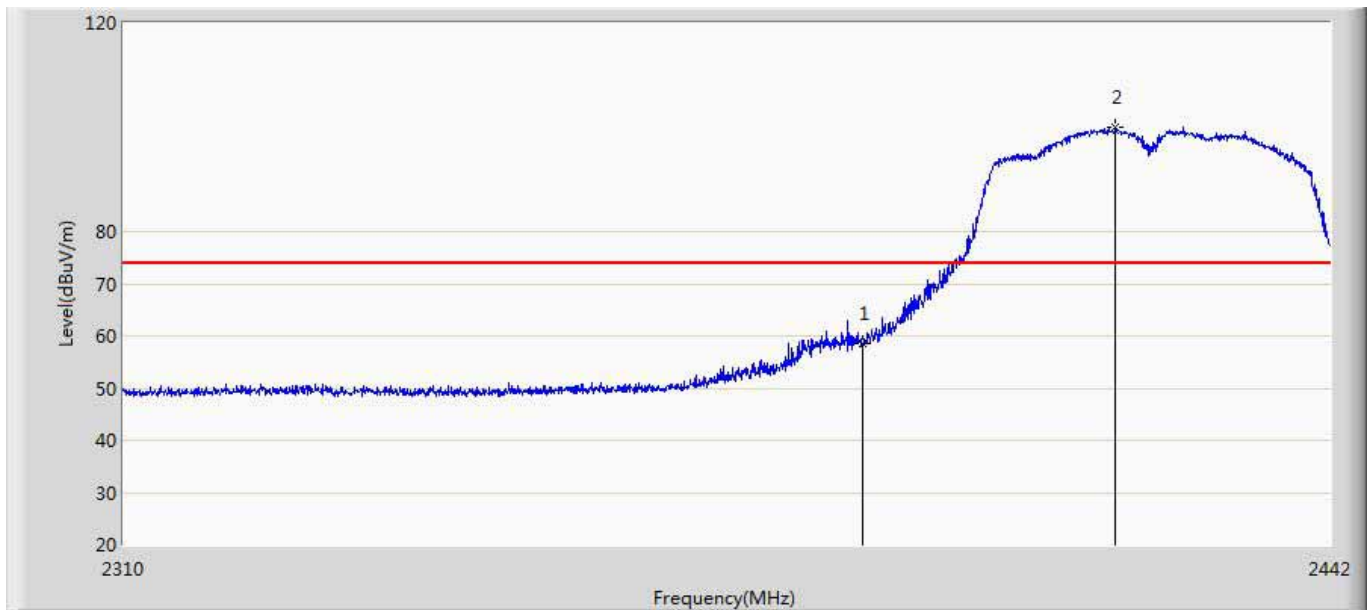
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	70.159	32.804	-3.841	74.000	37.355	PK
2	*	2417.448	108.686	71.315	N/A	N/A	37.371	PK

Profile: EAP225	Page No.: 98
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2422 by 802.11n40	



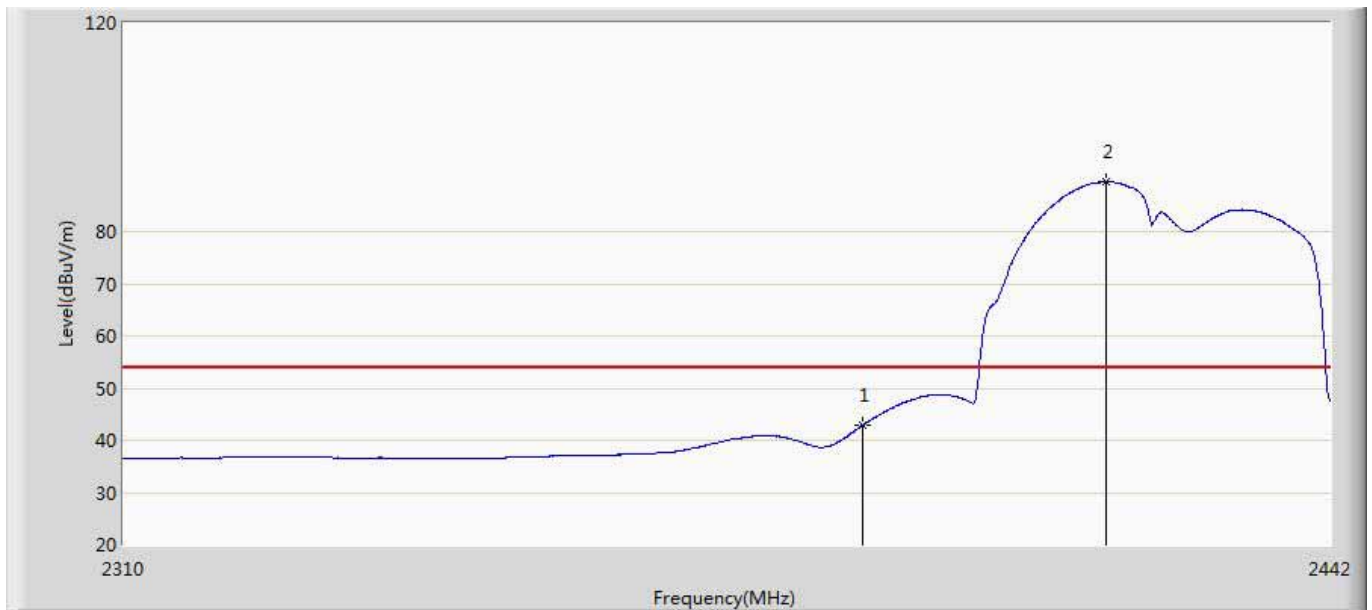
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.296	53.928	16.572	-0.072	54.000	37.356	AV
2		2390.000	52.072	14.717	-1.928	54.000	37.355	AV
3	*	2425.236	98.164	60.741	N/A	N/A	37.424	AV

Profile: EAP225	Page No.: 99
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2422 by 802.11n40	



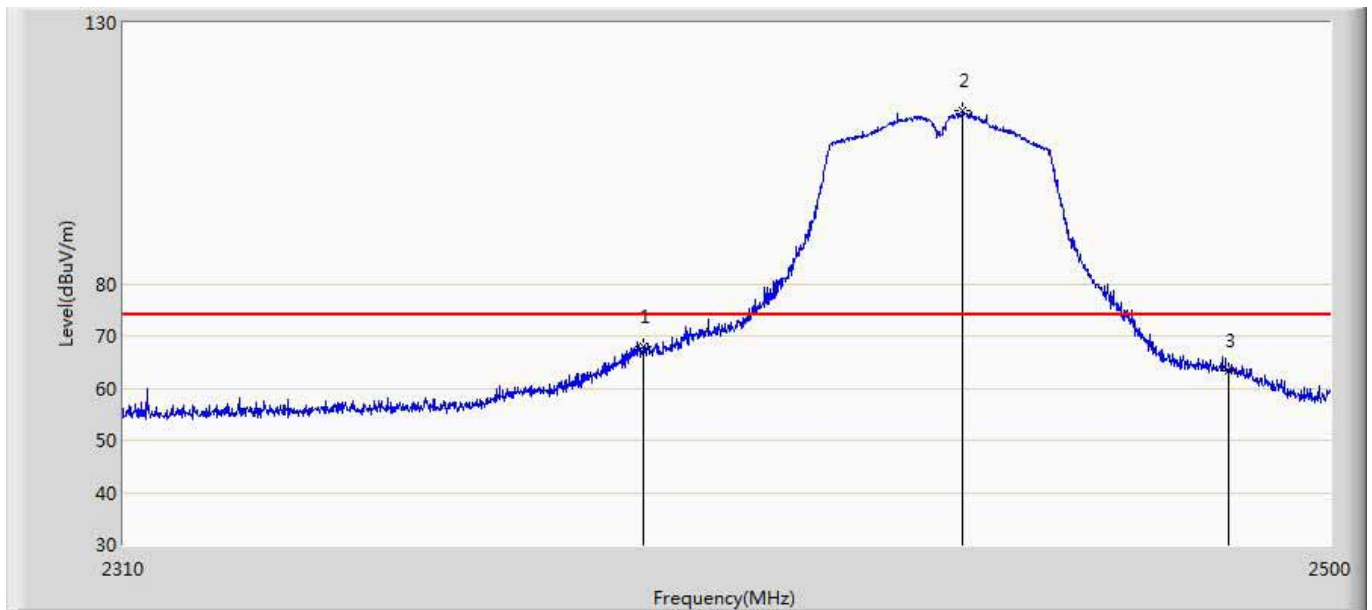
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	58.472	21.117	-15.528	74.000	37.355	PK
2	*	2417.976	99.941	62.566	N/A	N/A	37.375	PK

Profile: EAP225	Page No.: 100
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2422 by 802.11n40	



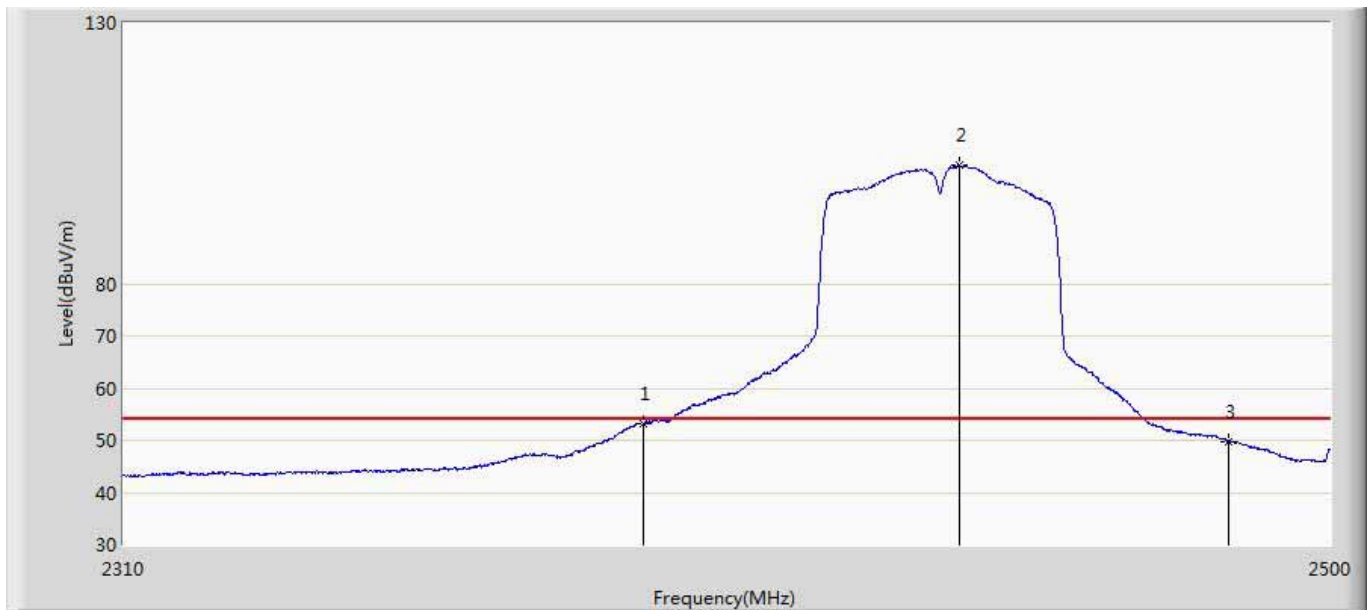
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.900	5.545	-11.100	54.000	37.355	AV
2	*	2416.986	89.498	52.130	N/A	N/A	37.367	AV

Profile: EAP225	Page No.: 101
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2437 by 802.11n40	



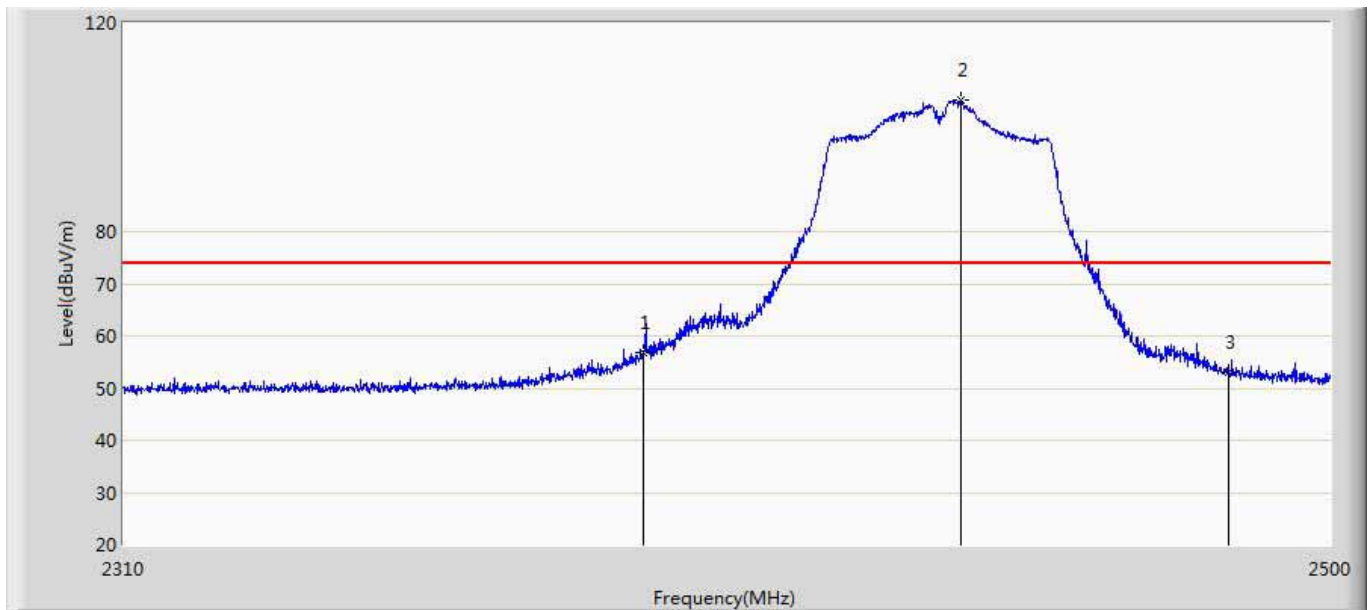
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	67.866	30.511	-6.134	74.000	37.355	PK
2	*	2440.530	113.244	75.808	N/A	N/A	37.436	PK
3		2483.500	63.309	25.798	-10.691	74.000	37.511	PK

Profile: EAP225	Page No.: 102
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2437 by 802.11n40	



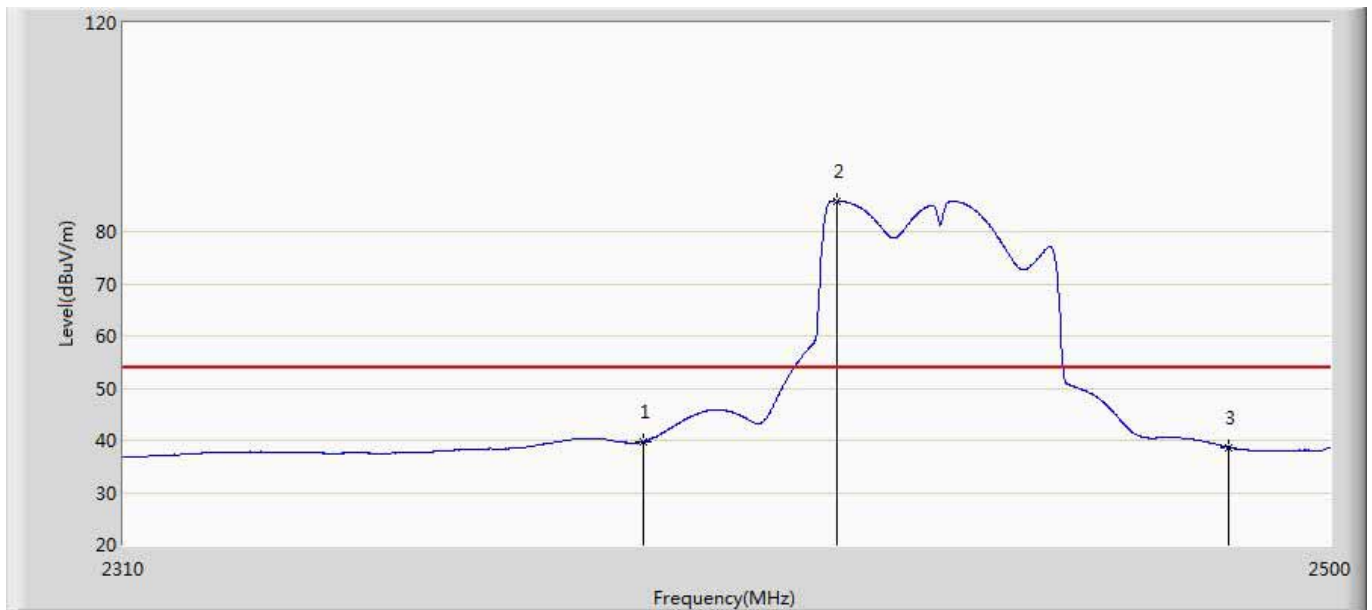
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.221	15.866	-0.779	54.000	37.355	AV
2	*	2440.055	102.722	65.286	N/A	N/A	37.436	AV
3		2483.500	49.676	12.165	-4.324	54.000	37.511	AV

Profile: EAP225	Page No.: 103
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2437 by 802.11n40	



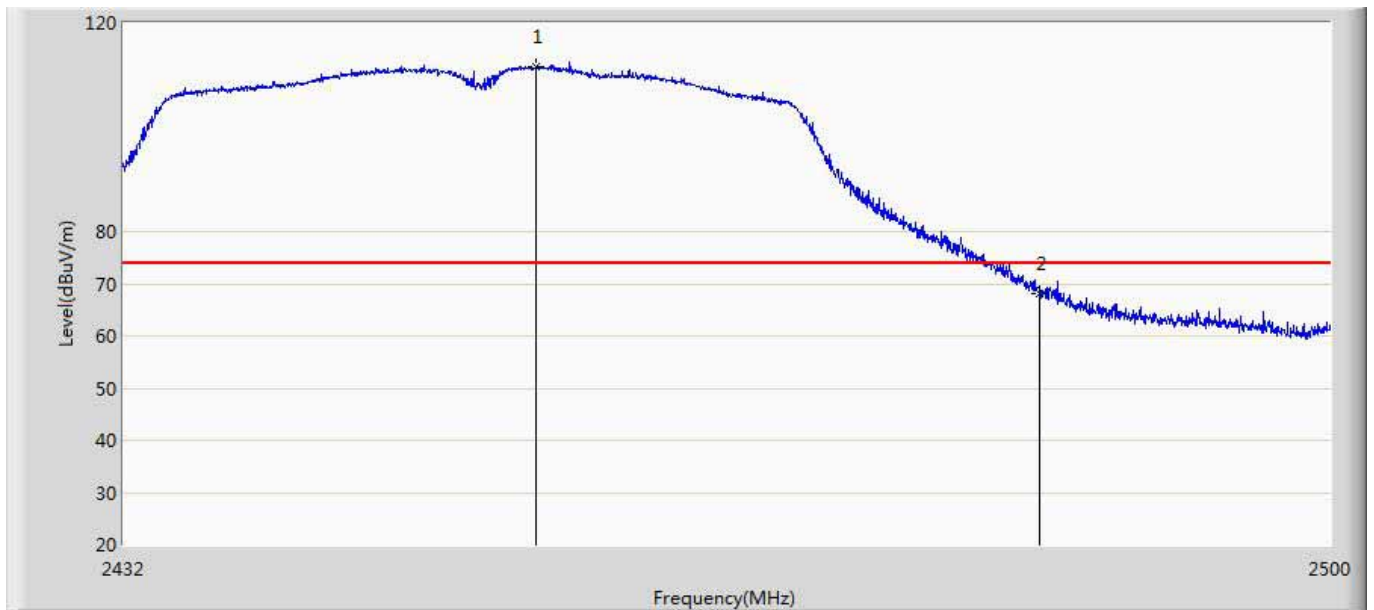
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	56.932	19.577	-17.068	74.000	37.355	PK
2	*	2440.340	105.327	67.891	N/A	N/A	37.436	PK
3		2483.500	53.040	15.529	-20.960	74.000	37.511	PK

Profile: EAP225	Page No.: 104
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2437 by 802.11n40	



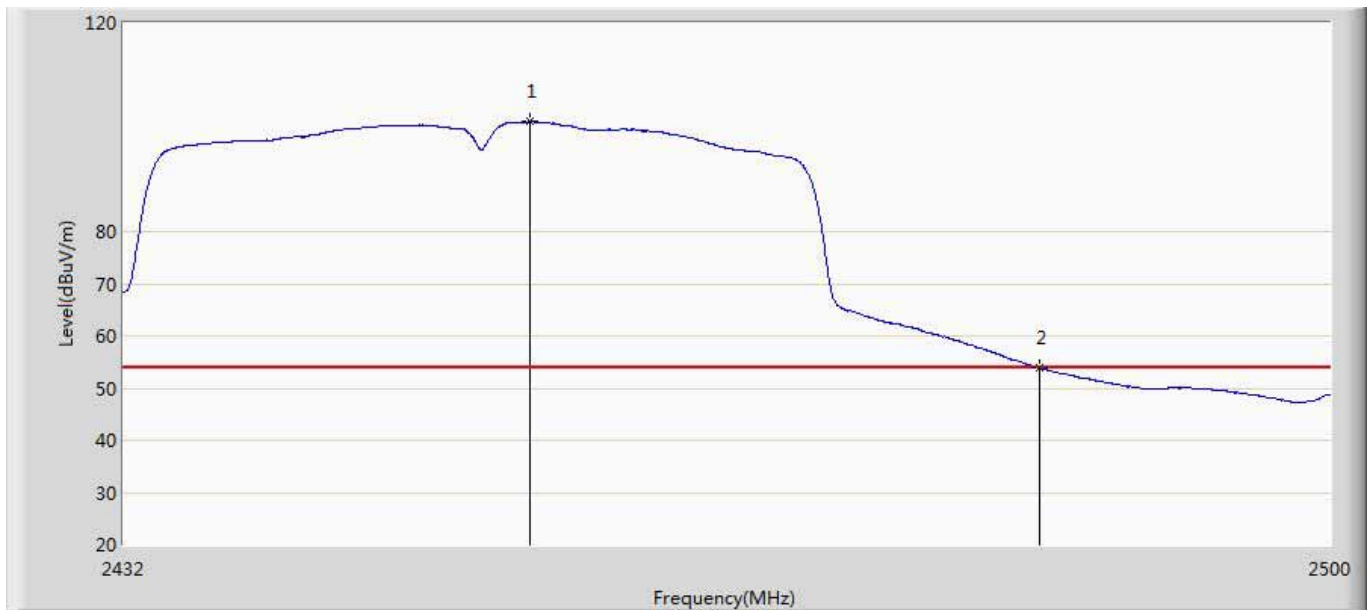
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	39.687	2.332	-14.313	54.000	37.355	AV
2	*	2420.485	85.936	48.545	N/A	N/A	37.392	AV
3		2483.500	38.682	1.171	-15.318	54.000	37.511	AV

Profile: EAP225	Page No.: 105
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 09:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2452 by 802.11n40	



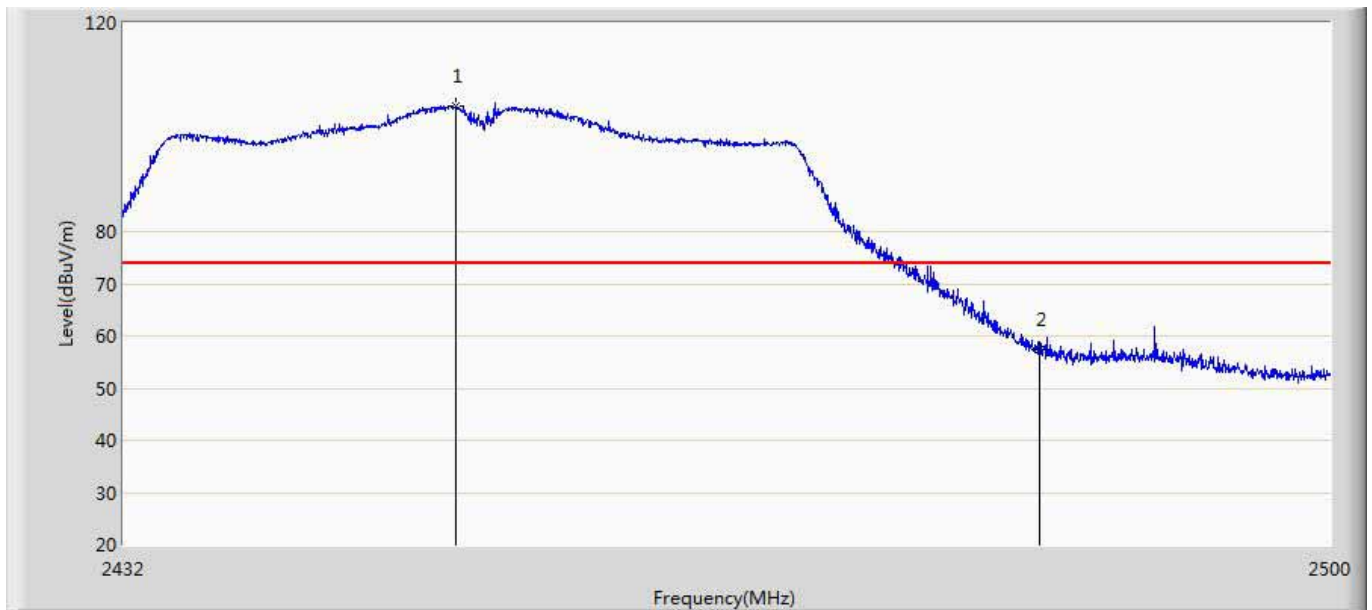
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.052	111.688	74.262	N/A	N/A	37.426	PK
2		2483.500	68.105	30.594	-5.895	74.000	37.511	PK

Profile: EAP225	Page No.: 106
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 10:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2452 by 802.11n40	



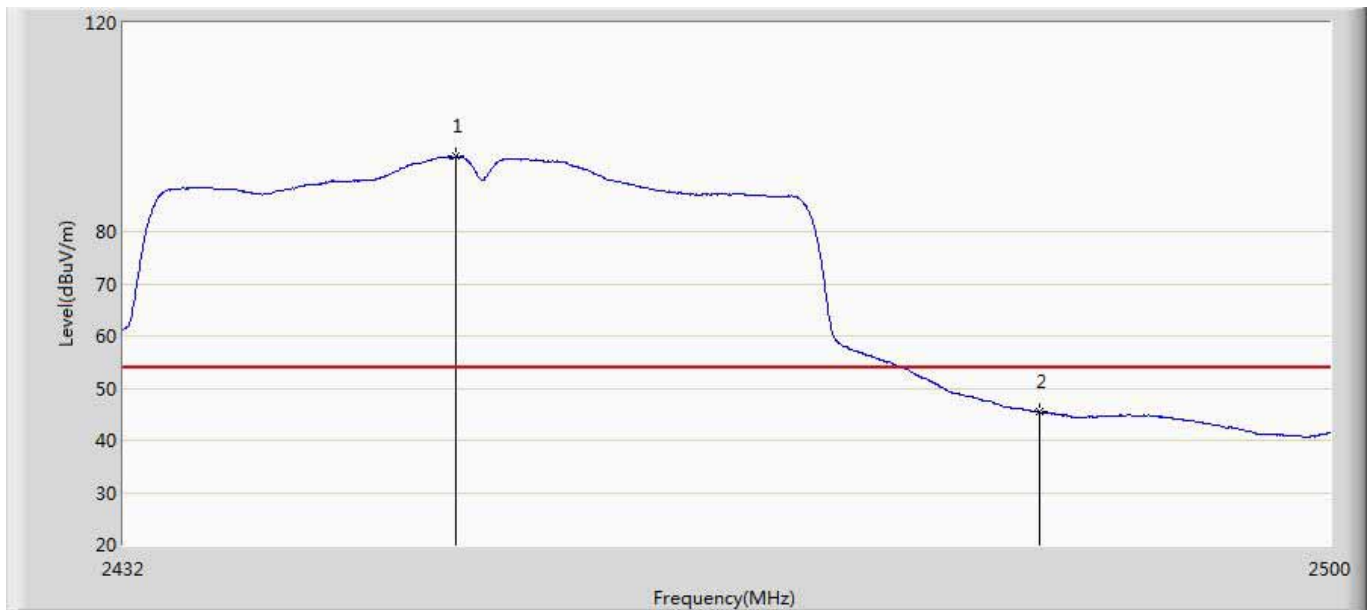
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.746	101.108	63.682	N/A	N/A	37.425	AV
2		2483.500	53.790	16.279	-0.210	54.000	37.511	AV

Profile: EAP225	Page No.: 107
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 10:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2452 by 802.11n40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2450.530	104.011	66.582	N/A	N/A	37.430	PK
2		2483.500	57.494	19.983	-16.506	74.000	37.511	PK

Profile: EAP225	Page No.: 108
Engineer: Cloud	
Site: AC5	Time: 2016/06/07 - 10:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: EAP225	Power: AC 120V/60Hz
Note: Mode4: Transmit at CH2452 by 802.11n40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2450.598	94.364	56.935	N/A	N/A	37.430	AV
2		2483.500	45.381	7.870	-8.619	54.000	37.511	AV

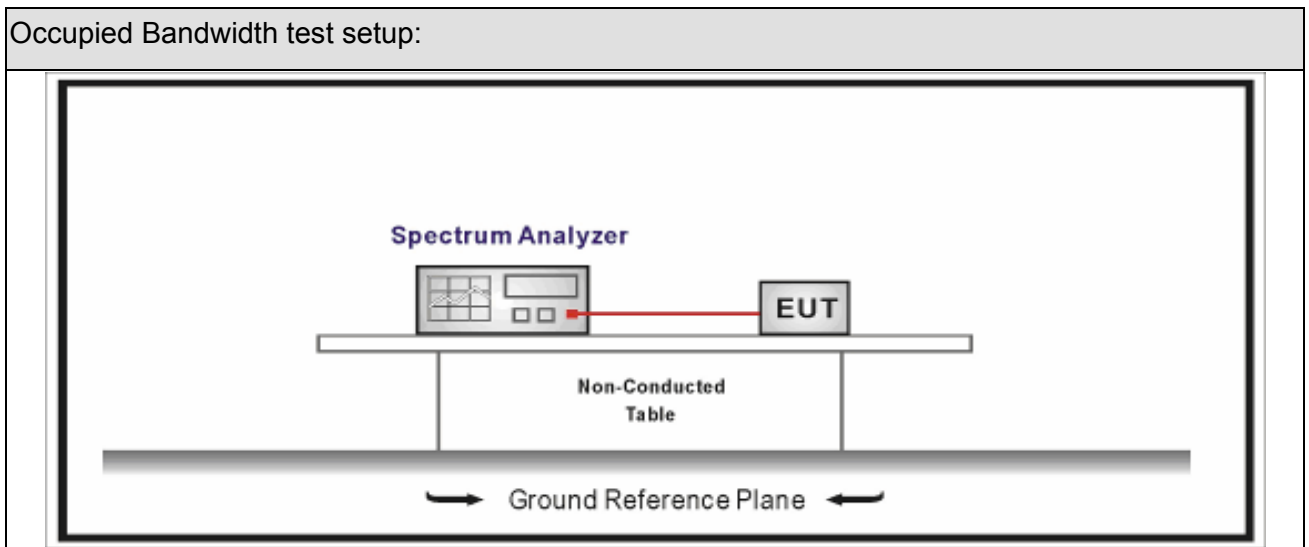
7. Occupied Bandwidth

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	2016.04.10	2017.04.09

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

7.2. Test Setup



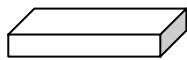
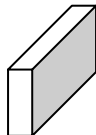
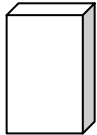
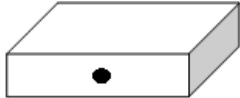

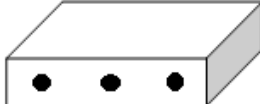
7.3. Limit

Occupied Bandwidth
Systems using digital modulation techniques operate in the 2400-2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz

7.4. Test Procedure

Test Method			
	Reference Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.8	DTS bandwidth
	<input type="checkbox"/> ANSI C63.10	11.8.1	Option 1
	<input checked="" type="checkbox"/> ANSI C63.10	11.8.2	Option 2

7.5. EUT test definition

Item	Occupied Bandwidth			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1~4			
Test method	<input type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 0		
				
	<input checked="" type="checkbox"/>	Chain 0	Chain 1	
				
	<input type="checkbox"/>	Chain 0	Chain 1	Chain 2
				

7.6. Test Result

Product Name	: AC1200 Wireless Dual Band Gigabit Access Point	Test Power	: AC 120V/60Hz
Test Site	: TR-8		

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	12.072	12.056	7.094	7.063	>500	Pass
1	06	2437	12.671	12.644	7.088	7.115	>500	Pass
1	11	2462	11.719	11.734	7.077	7.060	>500	Pass
2	01	2412	16.152	16.177	15.11	15.10	>500	Pass
2	06	2437	16.195	16.208	15.10	15.09	>500	Pass
2	11	2462	16.176	16.194	13.84	13.88	>500	Pass
3	01	2412	17.294	17.331	13.85	15.12	>500	Pass
3	06	2437	17.338	17.306	15.10	15.09	>500	Pass
3	11	2462	17.339	17.316	15.12	15.10	>500	Pass
4	03	2422	35.635	35.675	35.05	32.60	>500	Pass
4	06	2437	35.624	35.686	35.05	35.06	>500	Pass
4	09	2452	35.650	35.638	32.59	32.54	>500	Pass

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

Mode 1 CH11 (2462MHz) Ant 1



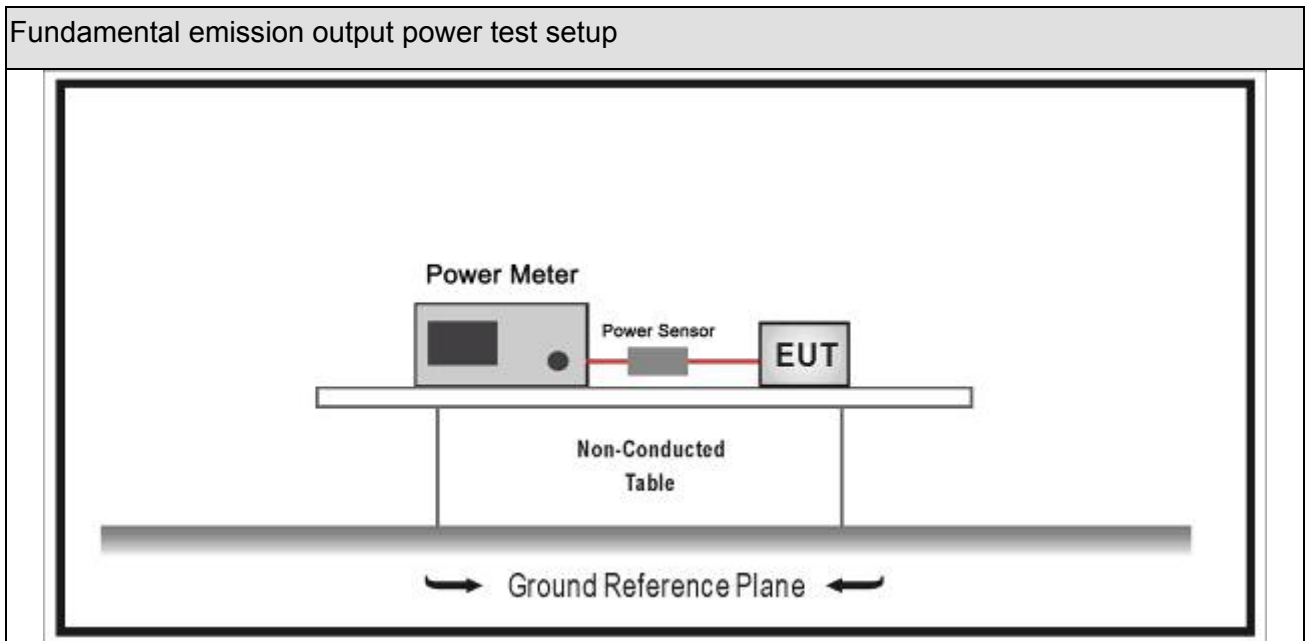
8. Fundamental emission output power

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



8.3. Limit

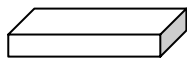
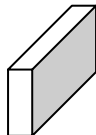
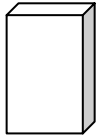
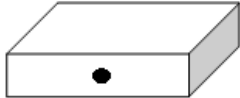


Fundamental emission output power Limit		
<input checked="" type="checkbox"/>	G _{TX} 6dBi	P _{out} 30dBm
<input checked="" type="checkbox"/>	G _{TX} 6dBi	
<input type="checkbox"/>	Non-Fix point-point	P _{out} 30-(G _{TX} -6)
<input type="checkbox"/>	Fix point-point	P _{out} 30-[(G _{TX} -6)]/3
<input checked="" type="checkbox"/>	Point-to-multipoint	P _{out} 30-(G _{TX} -6)
<input type="checkbox"/>	Overlap Beams	P _{out} 30-[(G _{TX} -6)]/3
<input type="checkbox"/>	Aggregate power transmitted simultaneously on all beams	P _{out} 30-[(G _{TX} -6)]/3
<input type="checkbox"/>	single directional beam	P _{out} 30-[(G _{TX} -6)]/3+8dB
<p>Note 1 : G_{TX} directional gain of transmitting antennas.</p> <p>Note 2 : P_{out} is maximum peak conducted output power .</p>		

8.4. Test Procedure

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

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

8.5. EUT test definition

Item	Fundamental emission output power			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1~4			
Test method	<input type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 0		
				
	<input checked="" type="checkbox"/>	Chain 0	Chain 1	
				
	<input type="checkbox"/>	Chain 0	Chain 1	Chain 2
				

8.6. Test Result

Product Name	:	AC1200 Wireless Dual Band Gigabit Access Point	Test Power	:	AC 120V/60Hz
Test Site	:	TR8			

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	23.45	23.96	26.72	4.15	30	Pass
1	06	2437	25.16	25.86	28.53	4.15	30	Pass
1	11	2462	22.43	22.36	25.41	4.15	30	Pass
2	01	2412	18.85	19.28	22.08	4.15	30	Pass
2	06	2437	24.98	25.56	28.29	4.15	30	Pass
2	11	2462	18.56	19.16	21.88	4.15	30	Pass
3	01	2412	18.71	19.10	21.92	4.15	30	Pass
3	06	2437	24.85	25.40	28.14	4.15	30	Pass
3	11	2462	18.89	19.51	22.22	4.15	30	Pass
4	03	2422	16.95	17.26	20.12	4.15	30	Pass
4	06	2437	20.38	21.25	23.85	4.15	30	Pass
4	09	2452	20.22	20.75	23.50	4.15	30	Pass

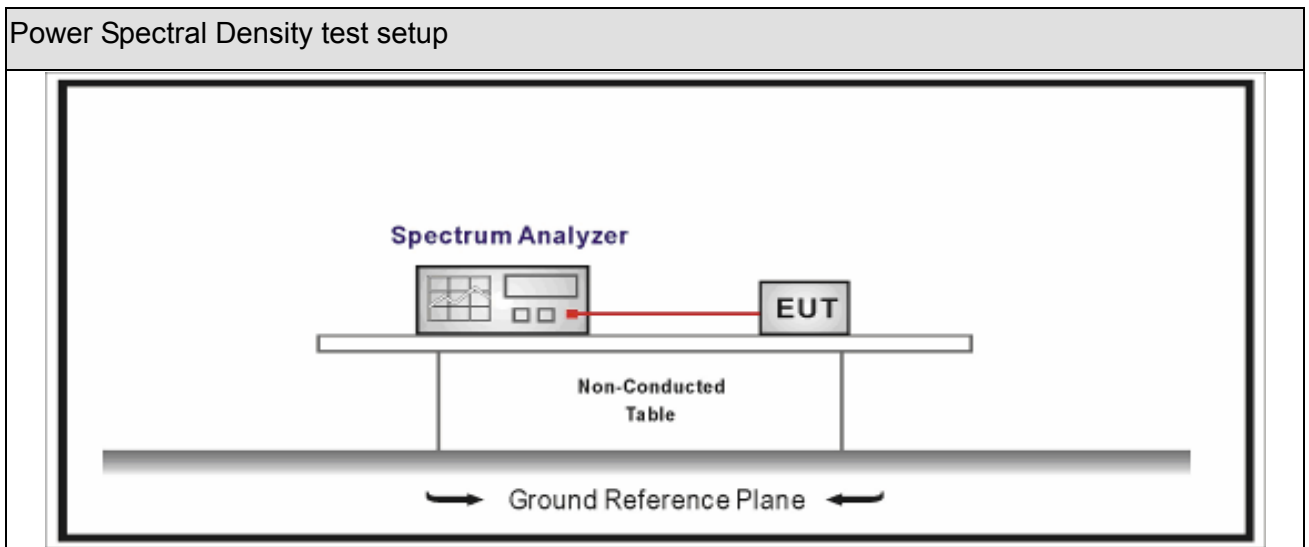
9. Power Spectral Density

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



9.3. Limit

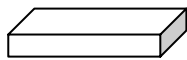
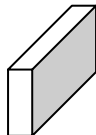
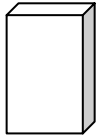
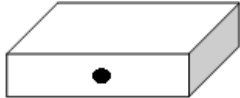


Power Spectral Density Limit
Power Spectral Density 8dBm/3kHz

9.4. Test Procedure

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

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

9.5. EUT test definition

Item	Power Spectral Density Test Method			
Device Category	<input checked="" type="checkbox"/>	Fixed position use		
	<input type="checkbox"/>	Mobile position use		
Test mode	Mode 1~4			
Test method	<input type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 0		
				
	<input checked="" type="checkbox"/>	Chain 0	Chain 1	
				
	<input type="checkbox"/>	Chain 0	Chain 1	Chain 2
				

9.6. Test Result

Product Name	: AC1200 Wireless Dual Band Gigabit Access Point	Test Power	: AC 120V/60Hz
Test Site	: TR8		

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	2.421	2.997	5.729	7.16	6.84	Pass
1	06	2437	2.704	3.136	5.936	7.16	6.84	Pass
1	11	2462	0.868	1.222	4.059	7.16	6.84	Pass
2	01	2412	-5.020	-5.312	-2.153	7.16	6.84	Pass
2	06	2437	1.744	1.715	4.740	7.16	6.84	Pass
2	11	2462	-3.519	-6.015	-1.580	7.16	6.84	Pass
3	01	2412	-6.222	-5.706	-2.946	7.16	6.84	Pass
3	06	2437	1.654	1.771	4.723	7.16	6.84	Pass
3	11	2462	-5.070	-4.463	-1.746	7.16	6.84	Pass
4	03	2422	-10.449	-13.611	-8.738	7.16	6.84	Pass
4	06	2437	-7.791	-7.847	-4.809	7.16	6.84	Pass
4	09	2452	-6.816	-8.200	-4.443	7.16	6.84	Pass

Mode 1 CH06(2437MHz) Ant 1



The End