Test Report

FCC Part15 Subpart C

Product Name	:	AP
Model No.	:	WA748
FCC ID	:	2ALQDDCWA748

Applicant	:	Hangzhou Dunchong Technologies Inc
Address	:	No.307, Liuhe Road, Binjiang District, Hangzhou, Zhejiang, China

Date of Receipt	:	Mar. 23, 2017
Test Date	:	Mar. 23, 2017~ May. 12, 2017
Issued Date	:	Jun. 05, 2017
Report No.	:	1732120R-RF- US-P06V02
Report Version	:	V1.0

The test results relate only to the samples tested.
The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.
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The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.

Test Report Certification

Issued Date : Jun. 05, 2017
Report No. : 1732120R-RF-US-P06V02

Product Name	:	AP
Applicant	:	Hangzhou Dunchong Technologies Inc
Address	:	No.307, Liuhe Road, Binjiang District, Hangzhou, Zhejiang, China
Manufacturer	:	Hangzhou Dunchong Technologies Inc
Address	:	No.307, Liuhe Road, Binjiang District, Hangzhou, Zhejiang, China
Model No.	:	WA748
FCC ID	:	2ALQDDCWA748
EUT Voltage	:	DC 48V,06A
Test Voltage		AC 120V/60Hz
Brand Name	:	Dunchong
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4:2014; ANSI C63.10:2013; KDB 558074 D01v03r05 KDB 662911 D01 Multiple Transmitter Output v02r01 KDB 662911 D02 MIMO with Cross-Polarized Antennas v01
Test Result	:	Complied
Performed Location	:	DEKRA Testing and Certification (Suzhou) Co., Ltd. No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006, Jiangsu, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392; IC Lab Code: 4075B

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History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1732120R-RF-US-P06V02	V1.0	Initial Issued Report	Jun. 05, 2017

1. General Information

1.1. EUT Description

Product Name	AP
Brand Name	Dunchong
Model No.	WA748
EUT Voltage	DC 48V,06A
Test Voltage	AC 120V/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. Channel List:

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. Test Channel:

802.11b/g/n(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	06	2437MHz	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	06	2437 MHz	09	2452 MHz	N/A	N/A

1.4. Antenna information

Antenna manufacturer		N/A			
Antenna Delivery		☒	1*TX+1*RX	☒	2*TX+2*RX ☐ 3*TX+3*RX
Antenna technology		☒	SISO		
		☒	MIMO	☒	Basic
				☐	Sectorized antenna systems
				☒	Cross-polarized antennas
				☐	Unequal antenna gains, with equal transmit powers
				☐	Spatial Multiplexing
				☐	CDD
				☐	Beam-forming
Antenna Type		☒	External	☒	Dipole
				☒	Panel
		☐	Internal	☐	PIFA
				☐	PCB
				☐	Ceramic Chip Antenna
				☐	Metal plate type F antenna
				☐	Cross-polarize Antenna
Dipole Antenna	Antenna Gain #1	8dBi			
	Antenna Gain #2	8dBi			
Panel Antenna	Antenna Gain #1	12dBi			
	Antenna Gain #2	12dBi			

1.5. Mode of Operation

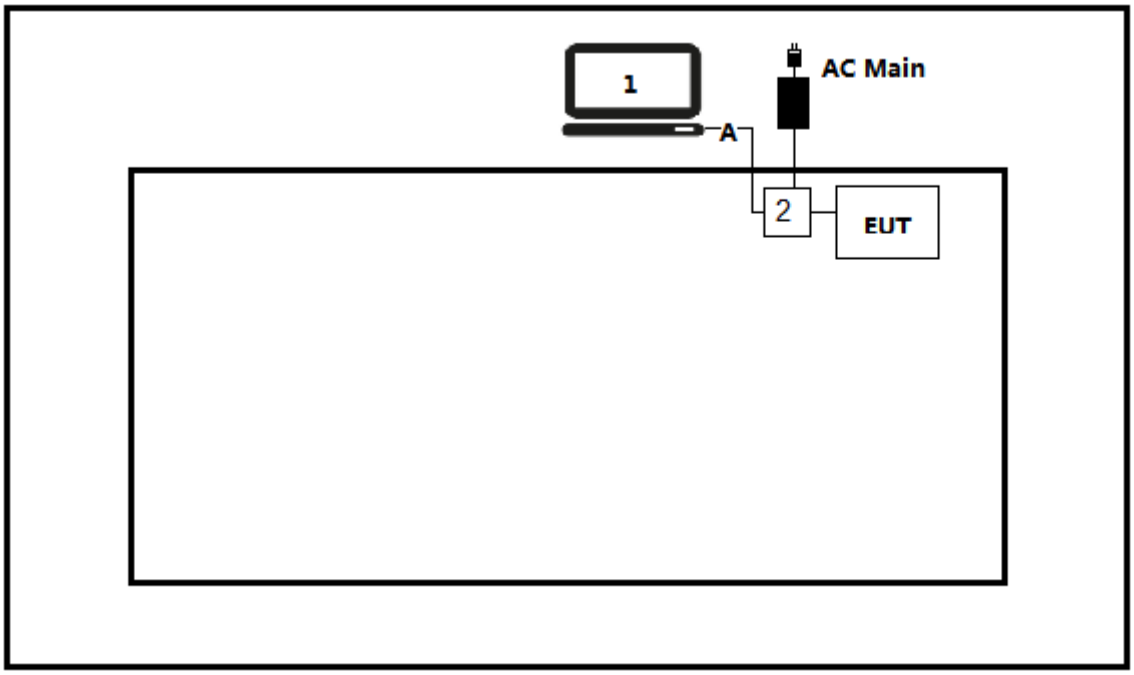
Test Modes List
Mode 1: Transmit by 802.11b
Mode 2: Transmit by 802.11g
Mode 3: Transmit by 802.11n(20MHz)
Mode 4: Transmit by 802.11n(40MHz)

1.6. Tested System Details

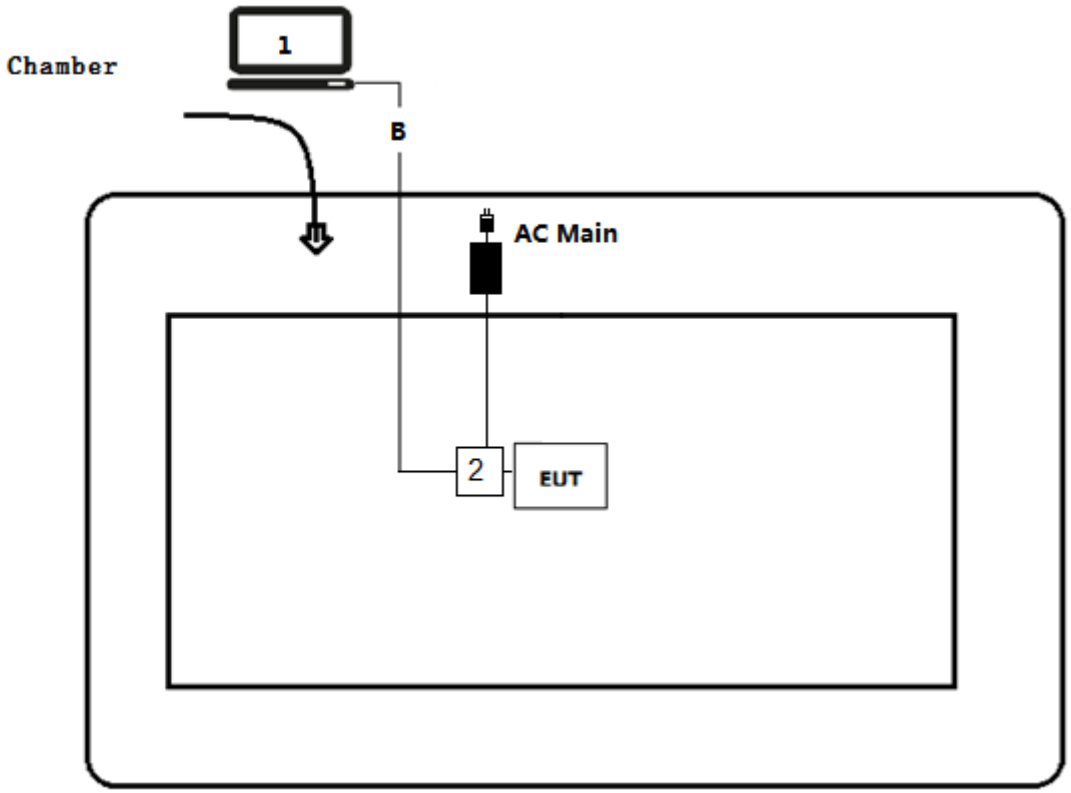
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

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

1.7. Configuration of Tested System

Test setup Diagram- AC Line Conducted Emission Test


Test setup Diagram- Radiated Emission



A	LAN Cable	Non-shielded, 1.5m
B	LAN Cable	Non-shielded, 15m

2. Technical Test

2.1. Summary of Test Result

Performed Test Item	Normative References	Worst case mode	Limit	Result
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.207	Mode 1	FCC 15.207	PASS
Emissions in restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.209	Mode 1	FCC 15.209	PASS
Emissions in non-restricted frequency bands	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(d)	Mode 1	≥30dBc	PASS
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2015 15.247(d)	Mode 1	FCC 15.209	PASS
Occupied Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(a)(2)	Mode 1	≥500kHz	PASS
Fundamental emission output power	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(b)(3)	Mode 1	≤30dBm	PASS
Power Spectral Density	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.247(e)	Mode 1	≤8dBm/3kHz	PASS
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.203	N/A	FCC 15.203	PASS

2.2. Power setting parameter

Panel antenna ：

Test Software	ART2			
Modulation Mode	Test Frequency	Ant 1	Ant 2	Ant 1+2
802.11b	2412	**19**	**17**	**17**
	2437	**19**	**17**	**17**
	2462	**19**	**17**	**17**
802.11g	2412	**14**	**12**	**12**
	2437	**14**	**12**	**12**
	2462	**14.5**	**10.5**	**10.5**
802.11n(20MHz)	2412	**14**	**11.5**	**11.5**
	2437	**14**	**11.5**	**11.5**
	2462	**14**	**12.5**	**12.5**
802.11n(40MHz)	2422	**11.5**	**7.5**	**7.5**
	2437	**11.5**	**7.5**	**7.5**
	2452	**12**	**7.5**	**7.5**

Dipole antenna ：

Test Software	ART2			
Modulation Mode	Test Frequency	Ant 1	Ant 2	Ant 1+2
802.11b	2412	**19**	**17**	**17**
	2437	**19**	**17**	**17**
	2462	**19**	**17**	**17**
802.11g	2412	**14.5**	**12**	**12**
	2437	**14**	**12**	**12**
	2462	**14**	**10.5**	**10.5**
802.11n(20MHz)	2412	**13.5**	**11.5**	**11.5**
	2437	**13.5**	**11.5**	**11.5**
	2462	**13.5**	**12.5**	**12.5**
802.11n(40MHz)	2422	**11.5**	**7.5**	**7.5**
	2437	**11**	**7.5**	**7.5**
	2452	**11**	**7.5**	**7.5**

2.3. 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

2.4. Test Environment

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

2.5. Measurement Uncertainty

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

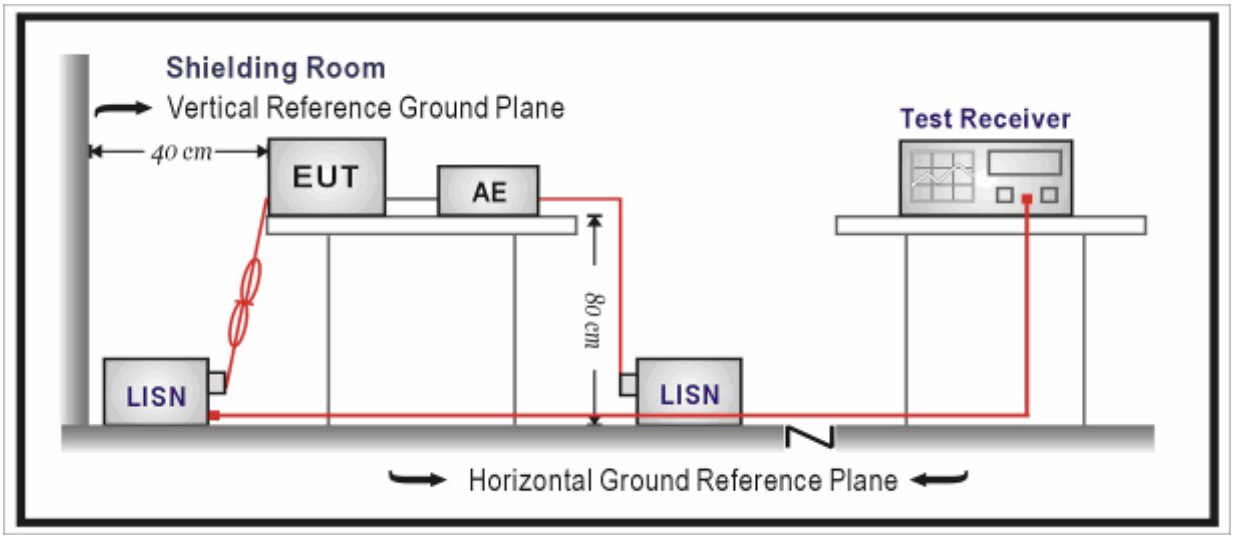
3. AC Power Line Conducted Emission

3.1. Test Equipment

AC Power Line Conducted Emission / TR-1					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100906	2017.03.05	2018.03.04
Two-Line V-Network	R&S	ENV 216	101189	2016.07.16	2017.07.15
Two-Line V-Network	R&S	ENV 216	101044	2016.09.16	2017.09.15
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	N/A	N/A
50ohm Termination	SHX	TF2	07081402	2016.09.16	2017.09.15
Temperature/Humidity Meter	Zhichen	ZC1-2	TR1-TH	2017.01.04	2018.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

3.2. Test Setup

AC Power Line Conducted Emission test setup



3.3. Limit

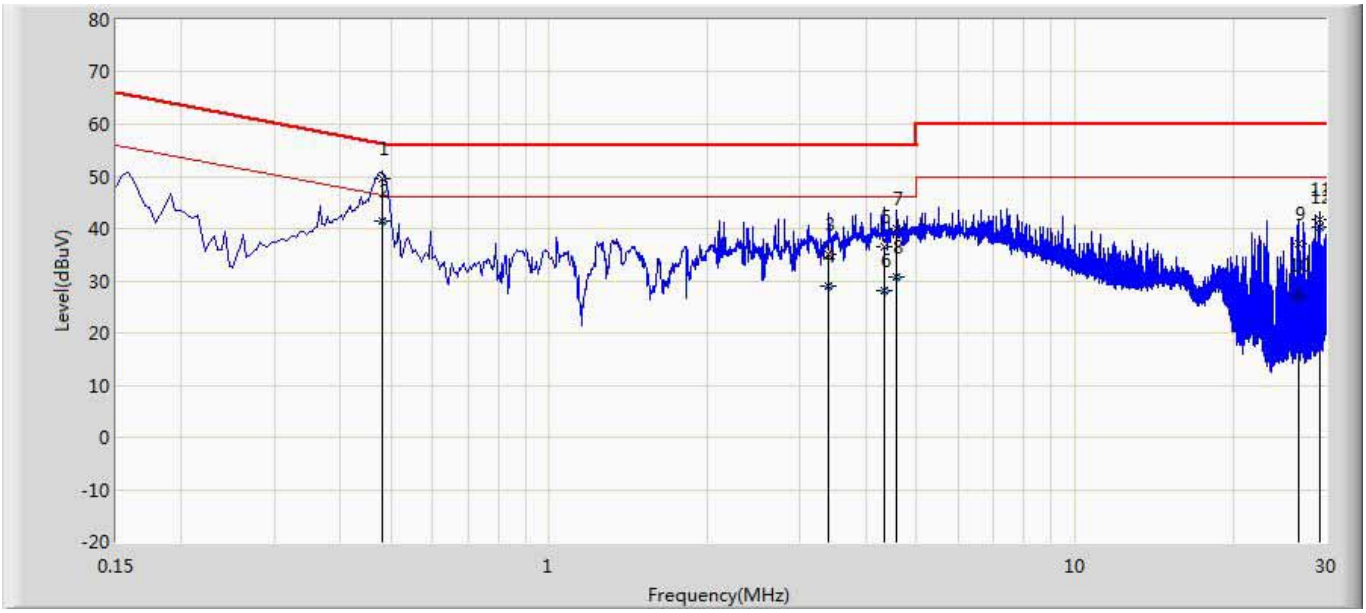
Frequency of Emission (MHz)	Conducted Limit	
	Quasi-peak (dB μ V)	Average(dB μ V)
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5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

3.4. Test Procedure

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

3.5. Test Result

Site: TR1	Time: 2017/04/26
Limit: FCC_Part15.207_CE_AC Power_ClassB	Margin: 0
Probe: ENV216-L1	Polarity: Line
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b	



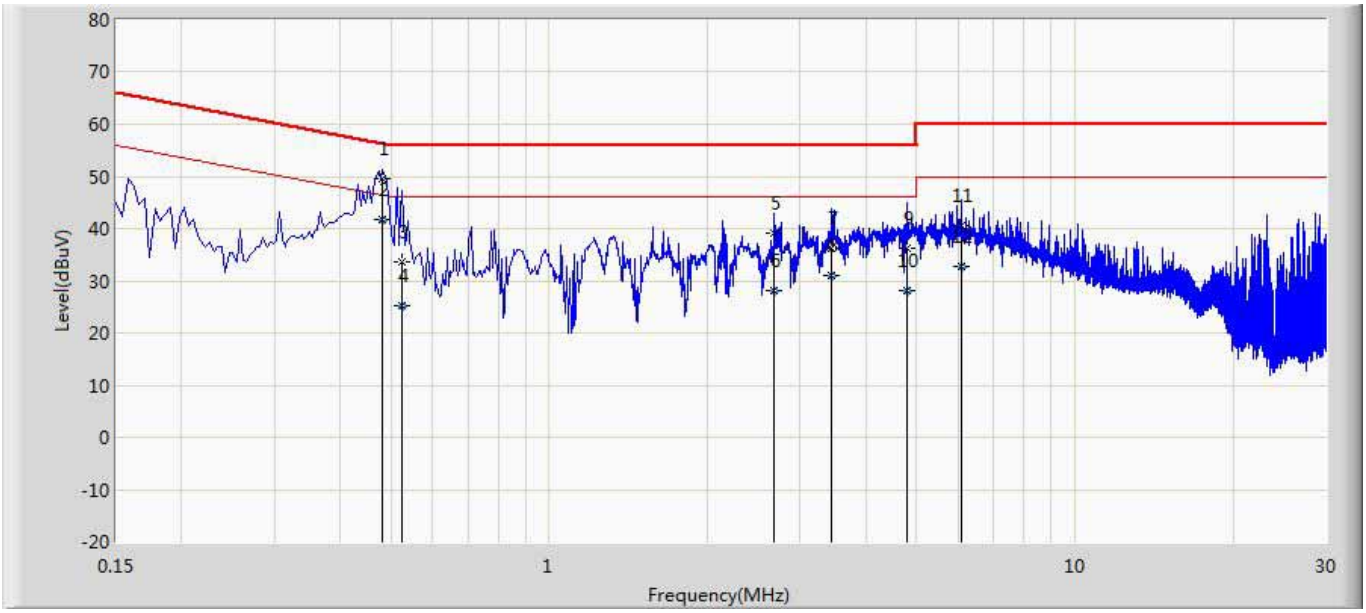
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.482	49.653	39.953	-6.652	56.305	9.630	0.070	0.000	QP
2	*	0.482	41.582	31.882	-4.723	46.305	9.630	0.070	0.000	AV
3		3.390	35.153	25.373	-20.847	56.000	9.650	0.130	0.000	QP
4		3.390	28.851	19.071	-17.149	46.000	9.650	0.130	0.000	AV
5		4.326	36.461	26.651	-19.539	56.000	9.660	0.150	0.000	QP
6		4.326	28.102	18.292	-17.898	46.000	9.660	0.150	0.000	AV
7		4.566	40.020	30.200	-15.980	56.000	9.670	0.150	0.000	QP
8		4.566	30.820	21.000	-15.180	46.000	9.670	0.150	0.000	AV
9		26.610	37.079	26.569	-22.921	60.000	9.900	0.610	0.000	QP
10		26.610	27.349	16.839	-22.651	50.000	9.900	0.610	0.000	AV
11		29.234	41.854	31.279	-18.146	60.000	9.915	0.660	0.000	QP
12		29.234	40.331	29.756	-9.669	50.000	9.915	0.660	0.000	AV

Note:

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

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

Site: TR1	Time: 2017/04/26
Limit: FCC_Part15.207_CE_AC Power_ClassB	Margin: 0
Probe: ENV216-N	Polarity: Neutral
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.482	49.649	39.949	-6.656	56.305	9.630	0.070	0.000	QP
2	*	0.482	41.727	32.027	-4.578	46.305	9.630	0.070	0.000	AV
3		0.526	33.617	23.917	-22.383	56.000	9.630	0.070	0.000	QP
4		0.526	25.248	15.548	-20.752	46.000	9.630	0.070	0.000	AV
5		2.682	39.027	29.267	-16.973	56.000	9.650	0.110	0.000	QP
6		2.682	28.237	18.477	-17.763	46.000	9.650	0.110	0.000	AV
7		3.442	36.301	26.521	-19.699	56.000	9.650	0.130	0.000	QP
8		3.442	30.870	21.090	-15.130	46.000	9.650	0.130	0.000	AV
9		4.778	36.159	26.329	-19.841	56.000	9.670	0.160	0.000	QP
10		4.778	28.040	18.210	-17.960	46.000	9.670	0.160	0.000	AV
11		6.078	40.442	30.582	-19.558	60.000	9.680	0.180	0.000	QP
12		6.078	32.632	22.772	-17.368	50.000	9.680	0.180	0.000	AV

Note:

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

4. Emissions in restricted frequency bands

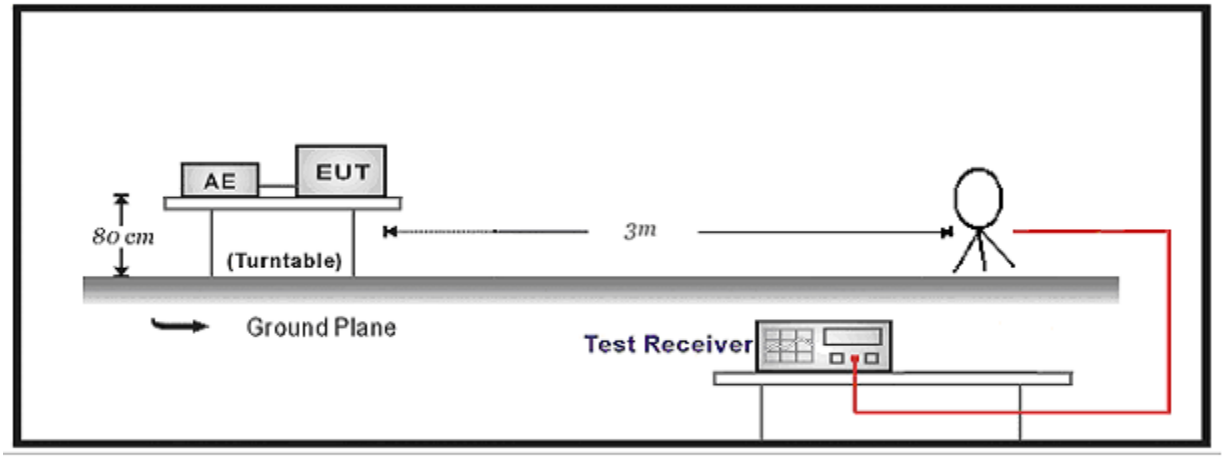
4.1. Test Equipment

Radiated Emission(Below 1GHz) / AC-2					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2017.03.29	2018.03.28
Loop Antenna	R&S	HFH2-Z2	833799/003	2016.11.16	2017.11.15
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2016.10.16	2017.10.15
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2017.03.02	2018.03.01
Temperature/Humidity Meter	Zhichen	ZC1-2	AC2-TH	2017.01.04	2018.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

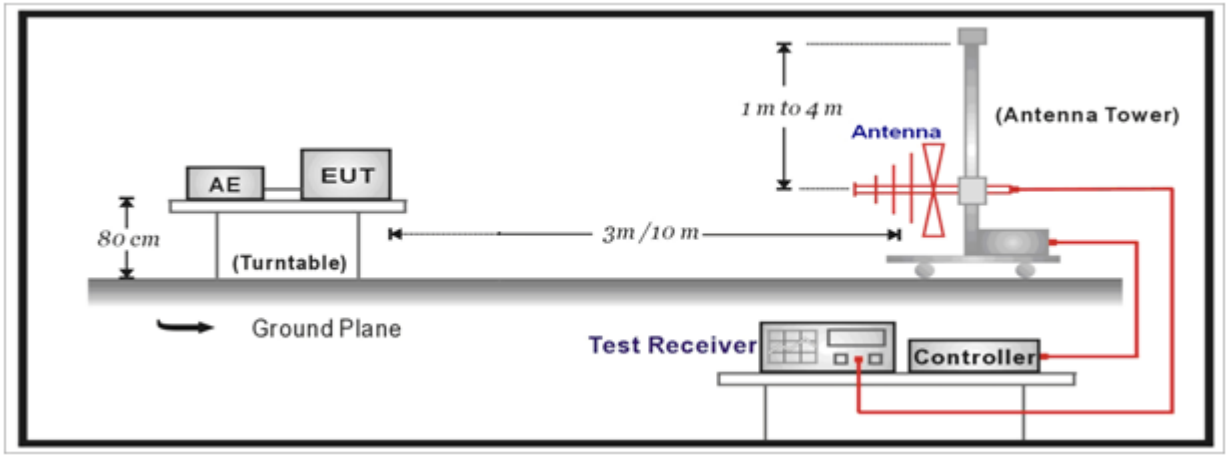
Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.03	2018.01.02
Preamplifier	Miteq	NSP1800-25	1364185	2017.05.06	2018.05.05
Preamplifier	DEKRA Testing and Certification (Suzhou) Co., Ltd.	AP-040G	CHM-0906001	2017.05.06	2018.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.22	2018.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.11.25	2017.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2017.03.02	2018.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2016.06.10	2017.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.04	2018.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

4.2. Test Setup

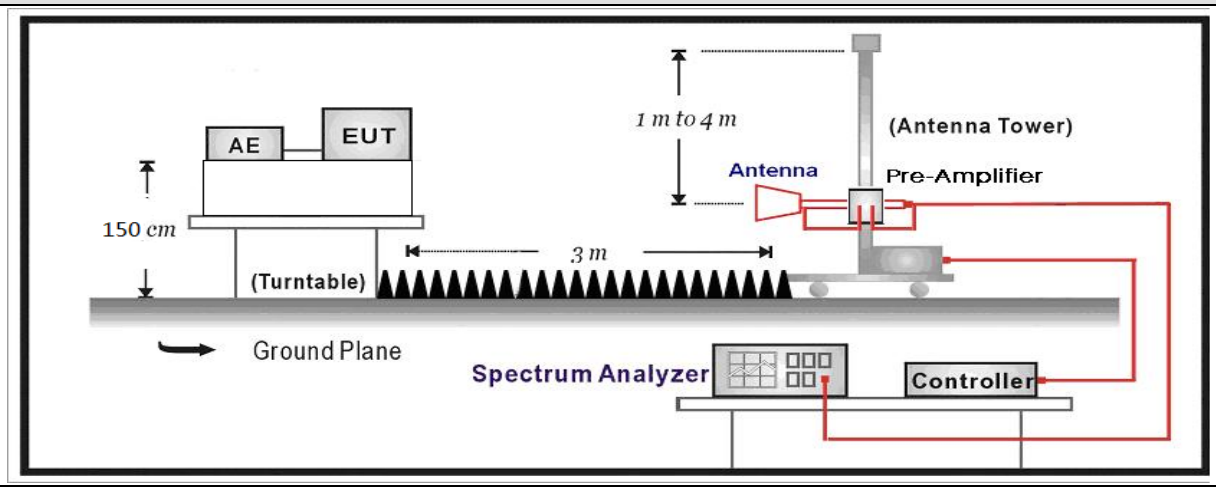
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

For FCC:

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

For IC:

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

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

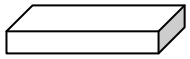
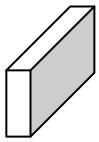
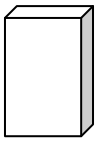
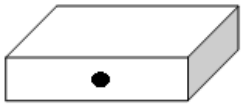
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

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

4.4. Test Procedure

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

4.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Emissions in restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="12">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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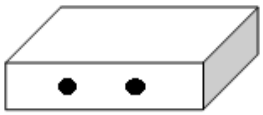
<tr><td></td><td colspan="3">  </td></tr>
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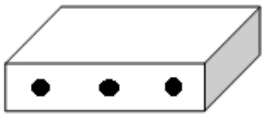
<tr><td></td><td colspan="3">  </td></tr>
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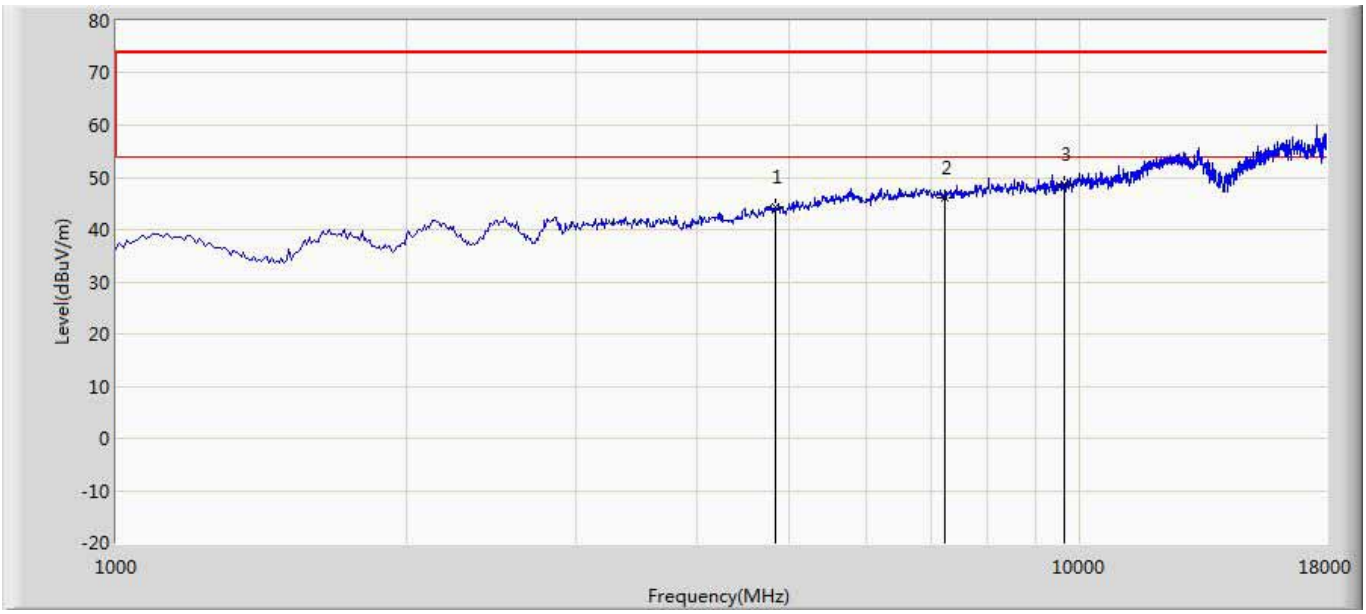
4.6. Test Result

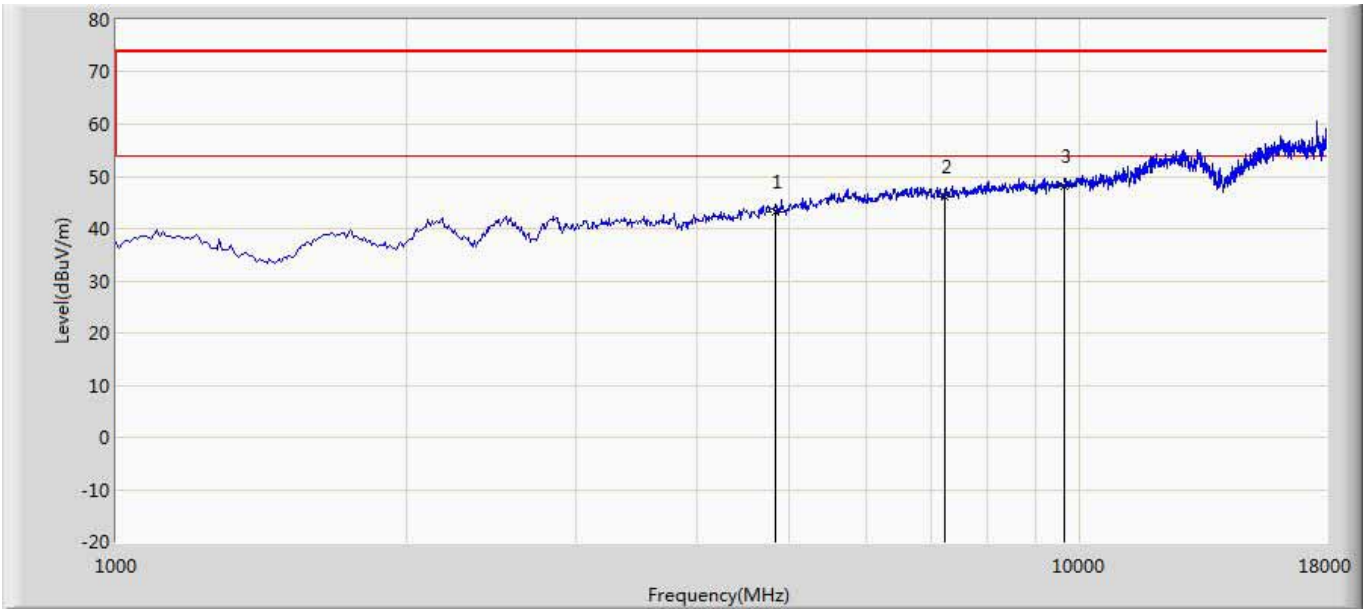
Panel antenna:

Site: AC5	Time: 2017/05/12 - 00:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412 by 11b Ant0	



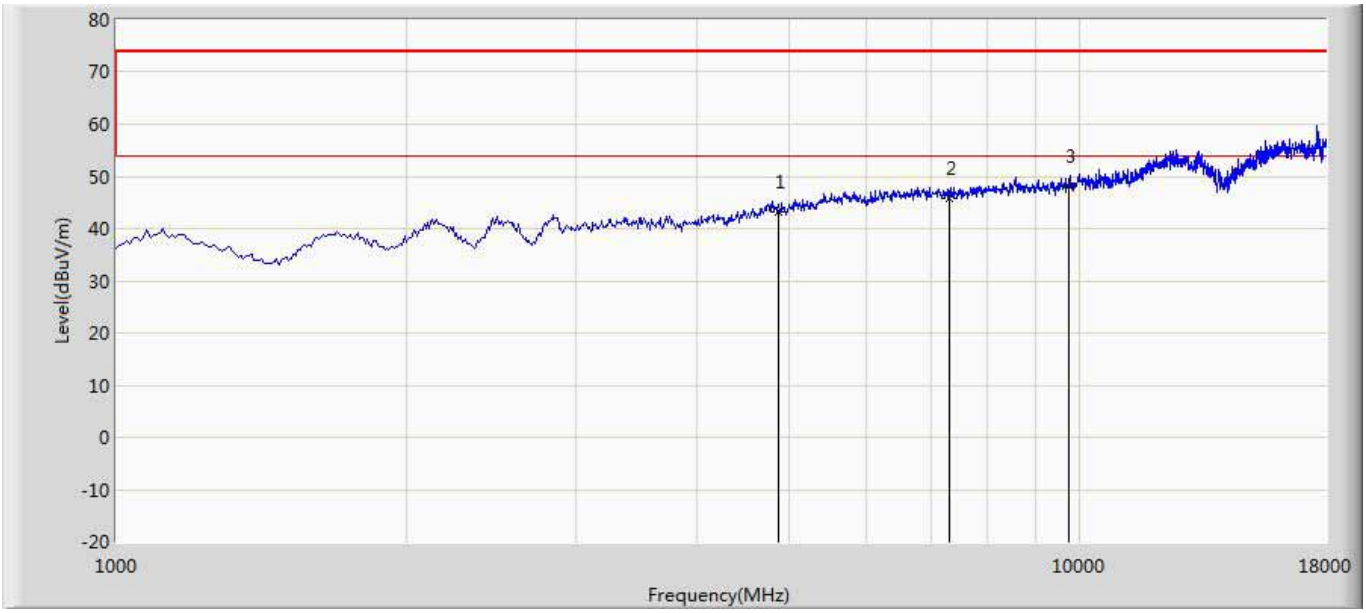
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	44.353	38.342	-29.647	74.000	6.011	PK
2		7236.000	46.130	35.901	-27.870	74.000	10.228	PK
3	*	9648.000	48.700	36.345	-25.300	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 00:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412 by 11b Ant0	



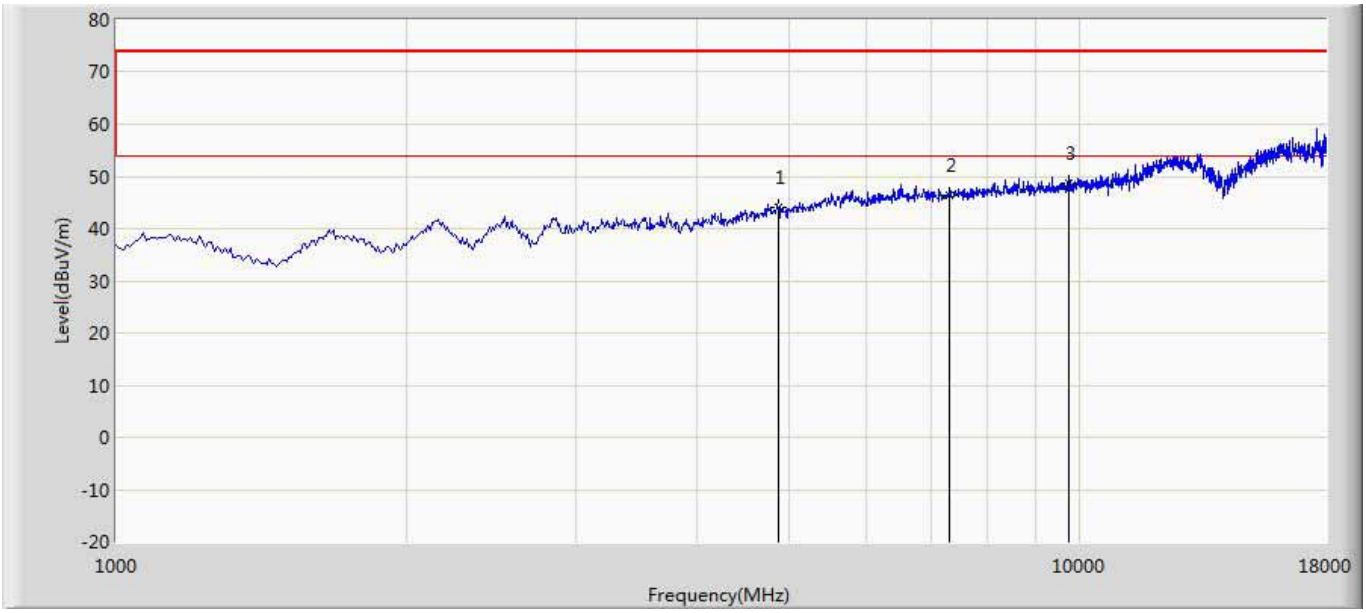
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.313	37.302	-30.687	74.000	6.011	PK
2		7236.000	45.986	35.757	-28.014	74.000	10.228	PK
3	*	9648.000	48.186	35.831	-25.814	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 00:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437 by 11b Ant0	



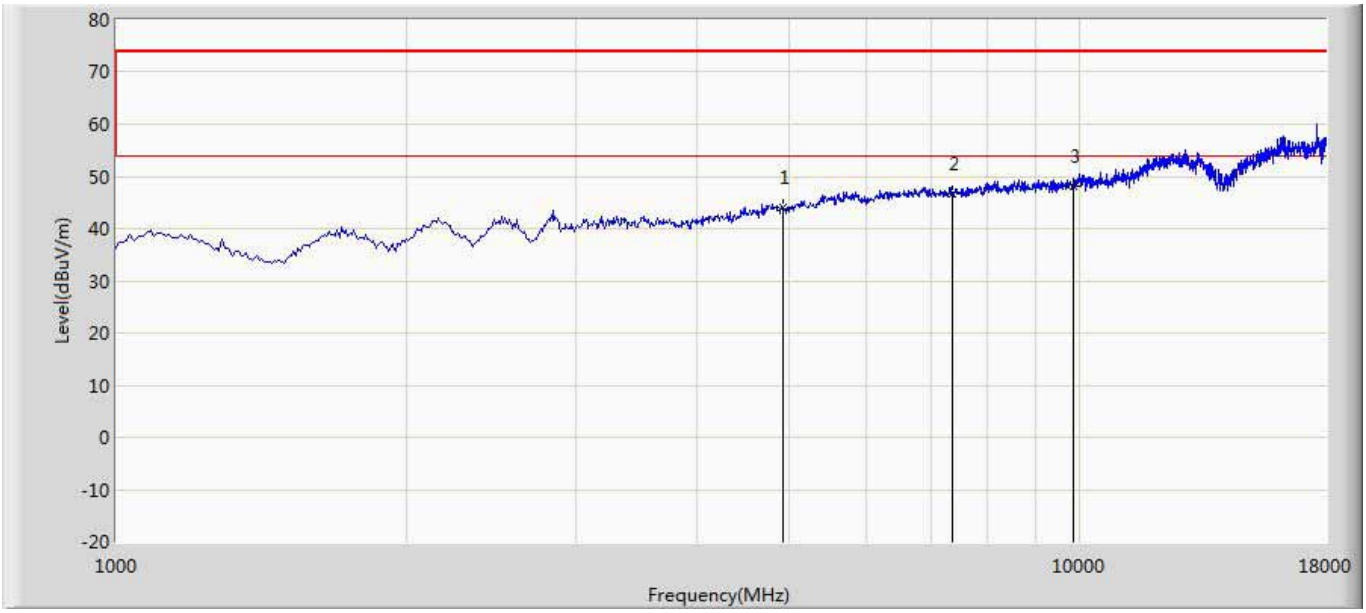
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.198	36.844	-30.802	74.000	6.354	PK
2		7311.000	45.853	35.897	-28.147	74.000	9.956	PK
3	*	9748.000	48.114	35.761	-25.886	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437 by 11b Ant0	



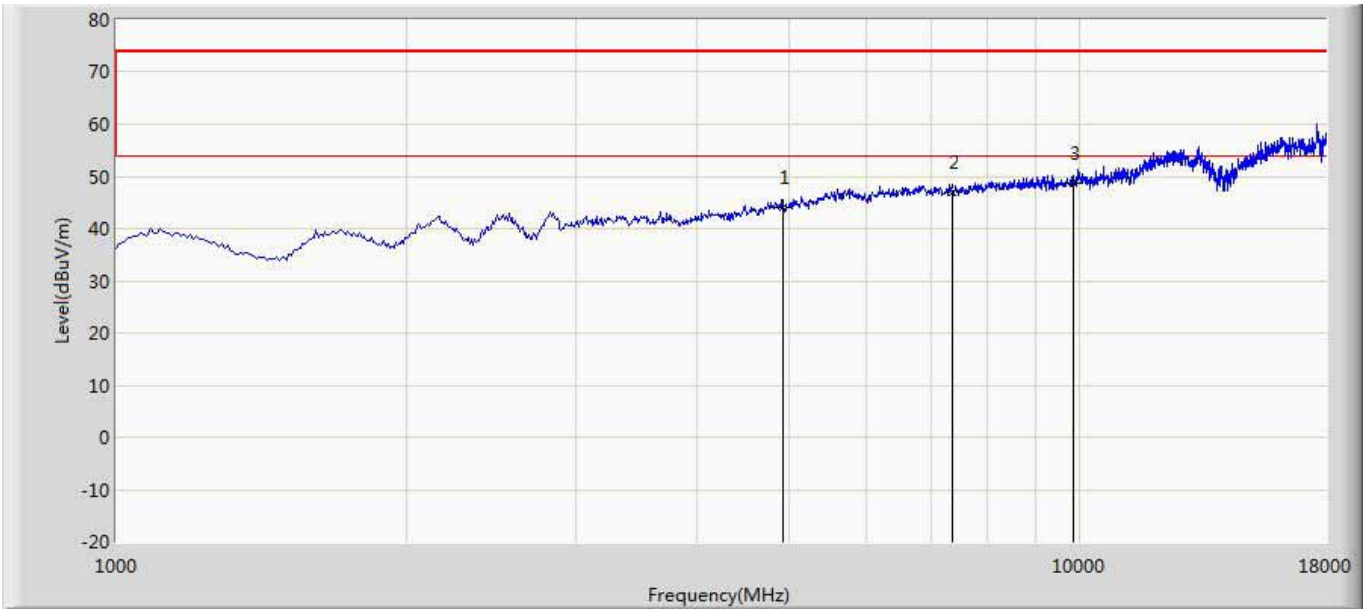
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.951	37.597	-30.049	74.000	6.354	PK
2		7311.000	46.359	36.403	-27.641	74.000	9.956	PK
3	*	9748.000	48.808	36.455	-25.192	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462 by 11b Ant0	



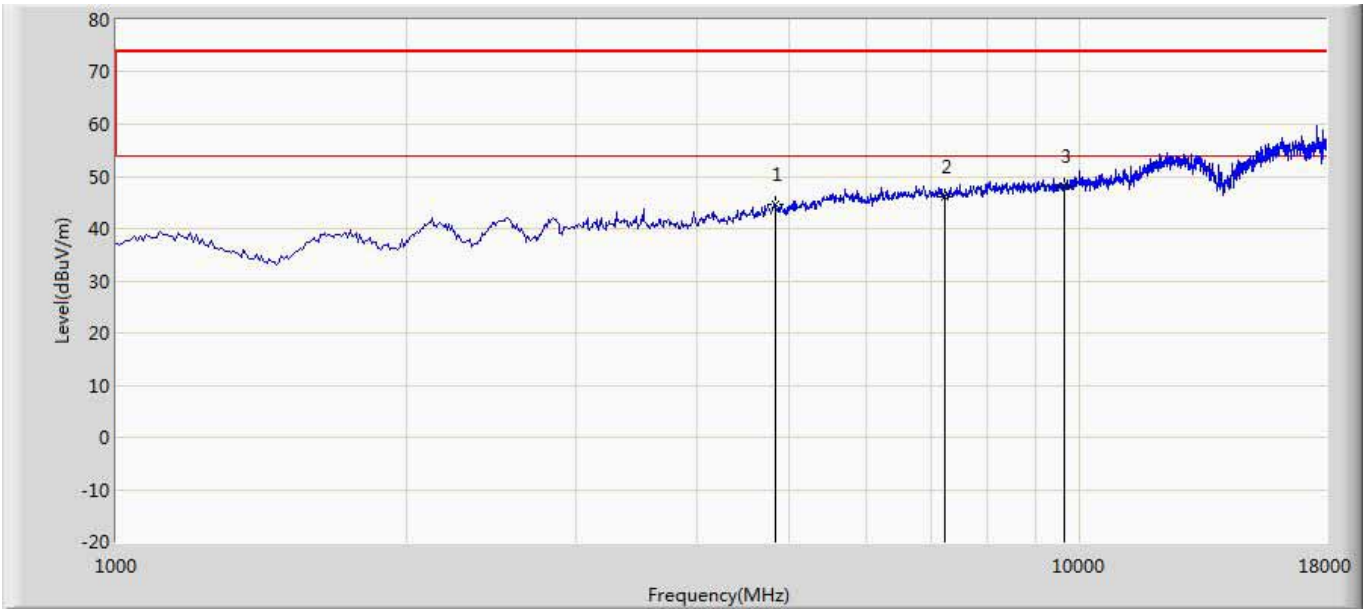
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.989	37.609	-30.011	74.000	6.379	PK
2		7386.000	46.530	36.697	-27.470	74.000	9.833	PK
3	*	9848.000	48.072	35.219	-25.928	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462 by 11b Ant0	



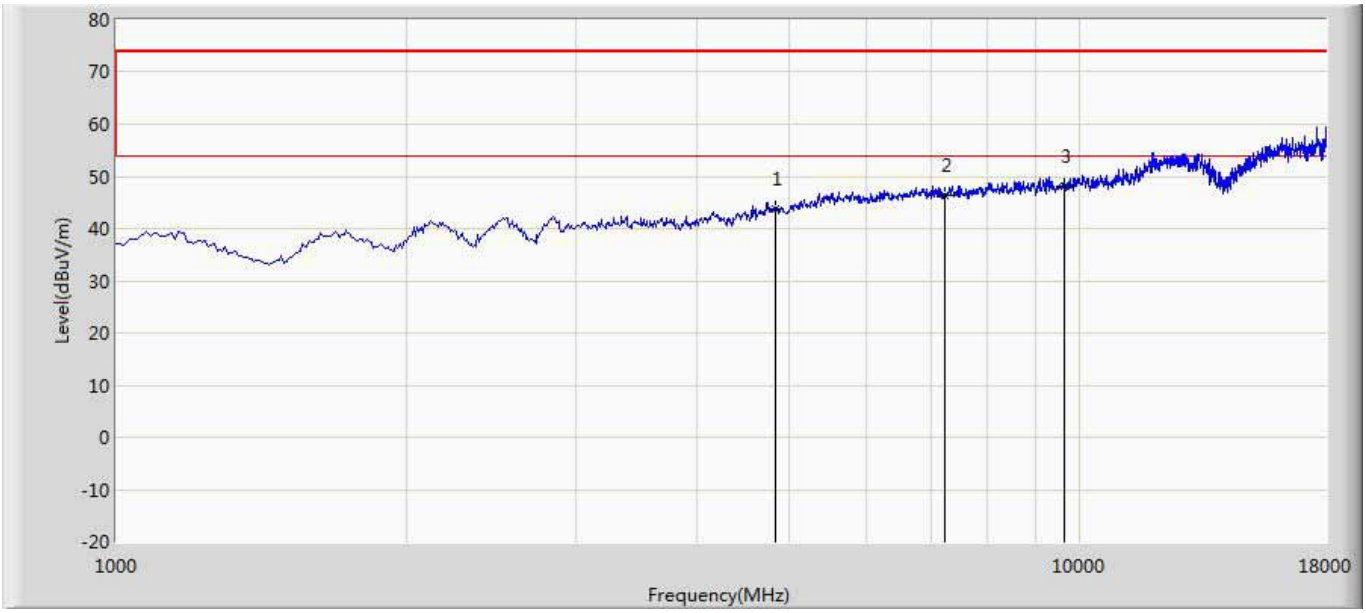
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	44.075	37.695	-29.925	74.000	6.379	PK
2		7386.000	46.988	37.155	-27.012	74.000	9.833	PK
3	*	9848.000	48.668	35.815	-25.332	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412 by 11g Ant0	



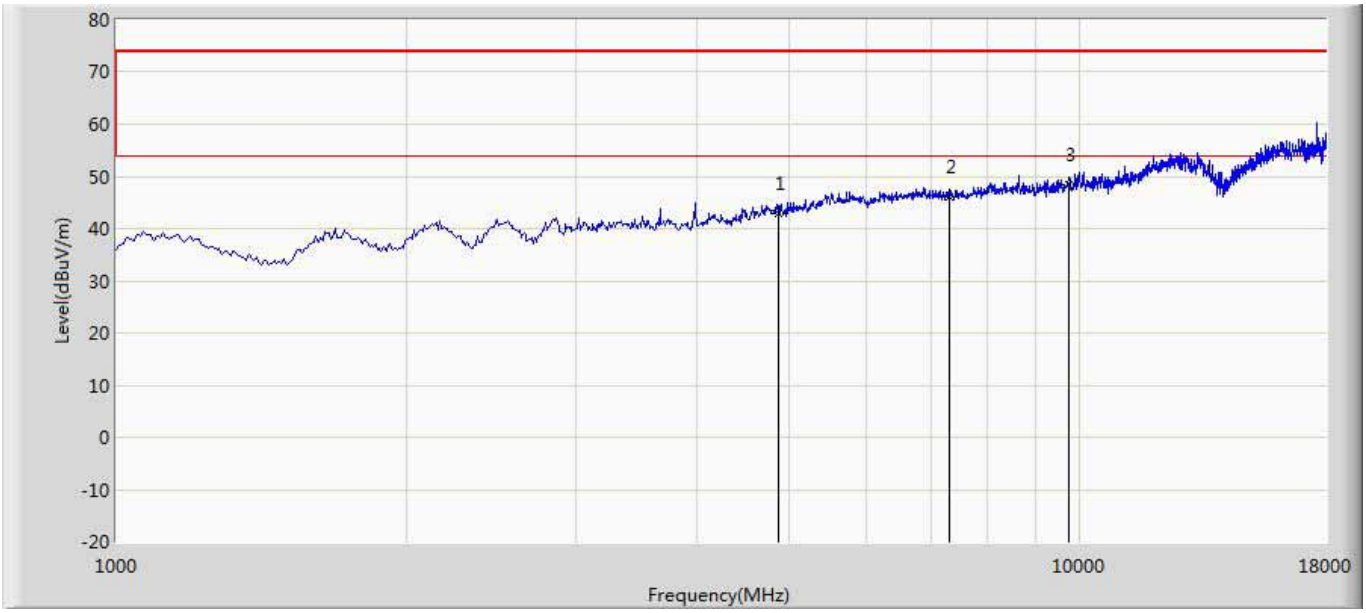
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	44.760	38.749	-29.240	74.000	6.011	PK
2		7236.000	46.230	36.001	-27.770	74.000	10.228	PK
3	*	9648.000	48.168	35.813	-25.832	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 01:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412 by 11g Ant0	



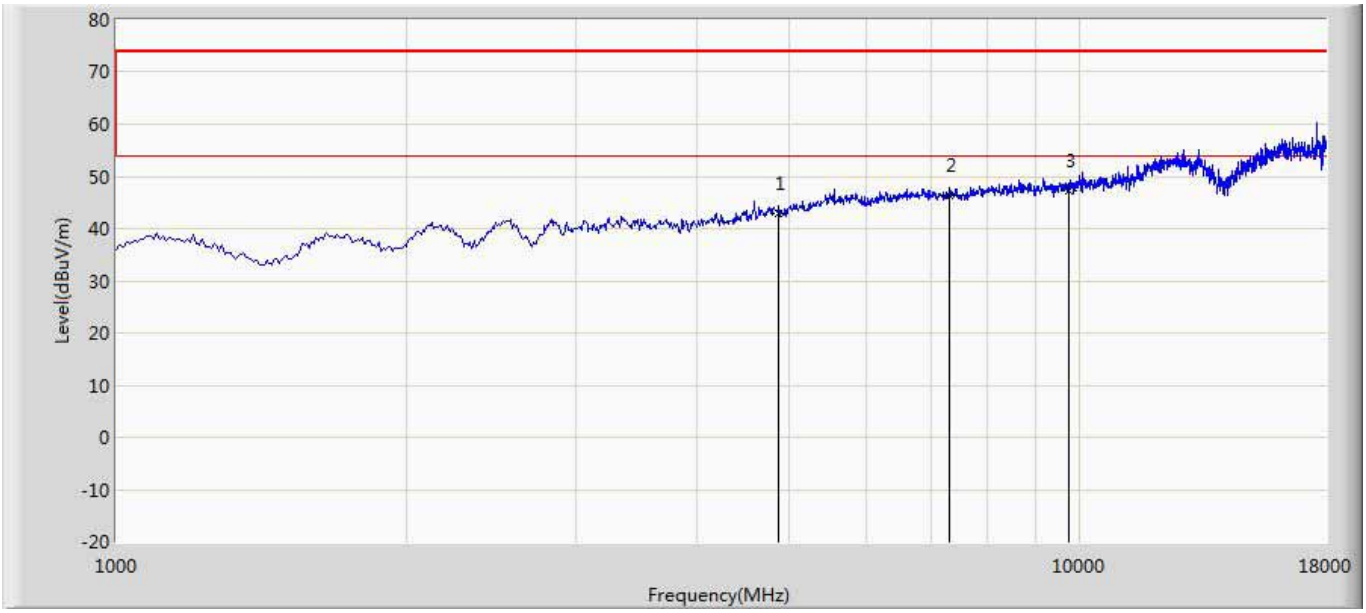
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.904	37.893	-30.096	74.000	6.011	PK
2		7236.000	46.439	36.210	-27.561	74.000	10.228	PK
3	*	9648.000	48.118	35.763	-25.882	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 01:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437 by 11g Ant0	



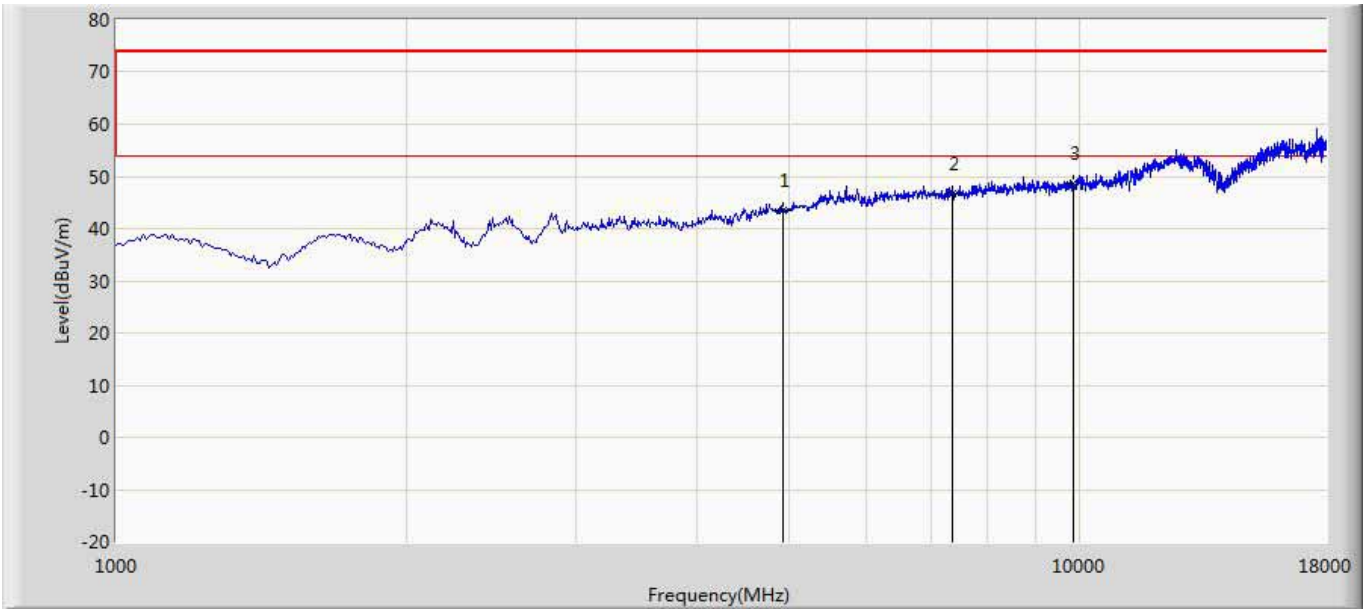
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.964	36.610	-31.036	74.000	6.354	PK
2		7311.000	46.175	36.219	-27.825	74.000	9.956	PK
3	*	9748.000	48.503	36.150	-25.497	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437 by 11g Ant0	



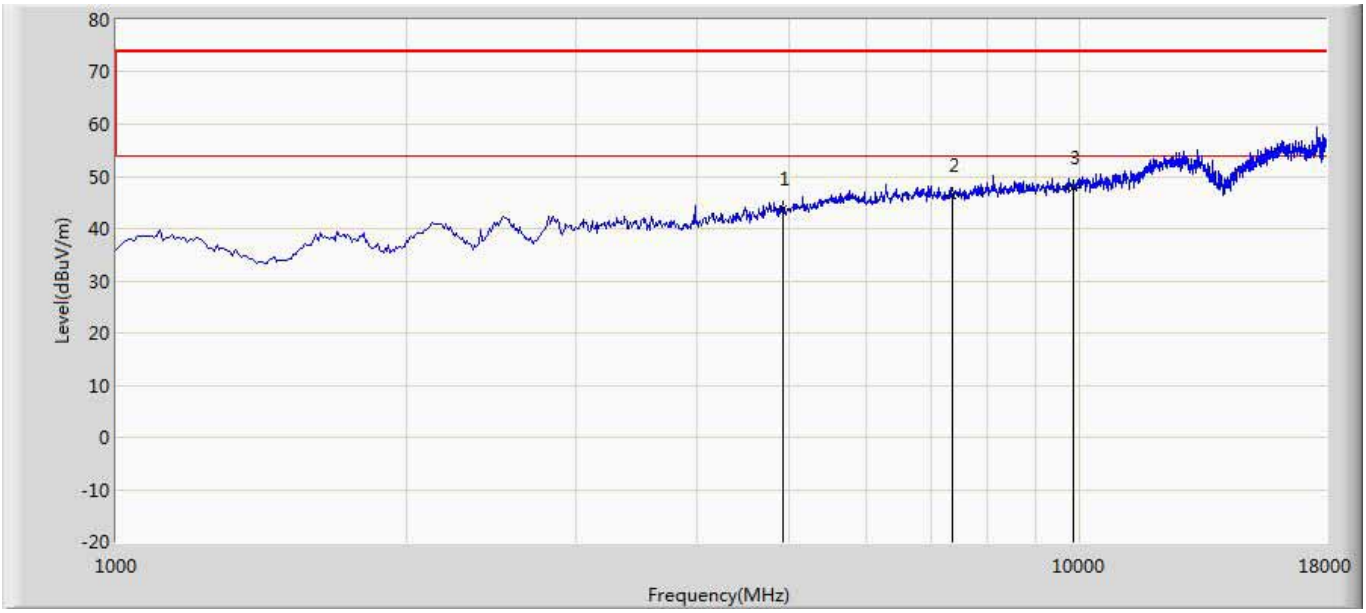
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.791	36.437	-31.209	74.000	6.354	PK
2		7311.000	46.373	36.417	-27.627	74.000	9.956	PK
3	*	9748.000	47.309	34.956	-26.691	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462 by 11g Ant0	



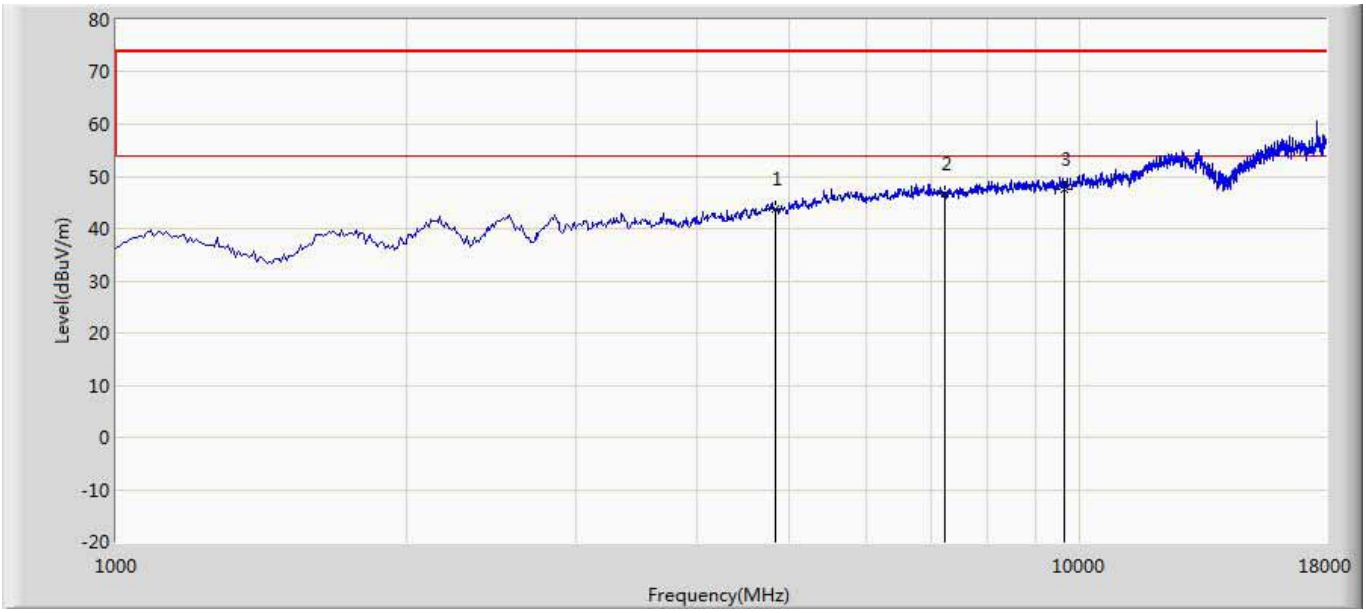
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.567	37.187	-30.433	74.000	6.379	PK
2		7386.000	46.537	36.704	-27.463	74.000	9.833	PK
3	*	9848.000	48.698	35.845	-25.302	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462 by 11g Ant0	



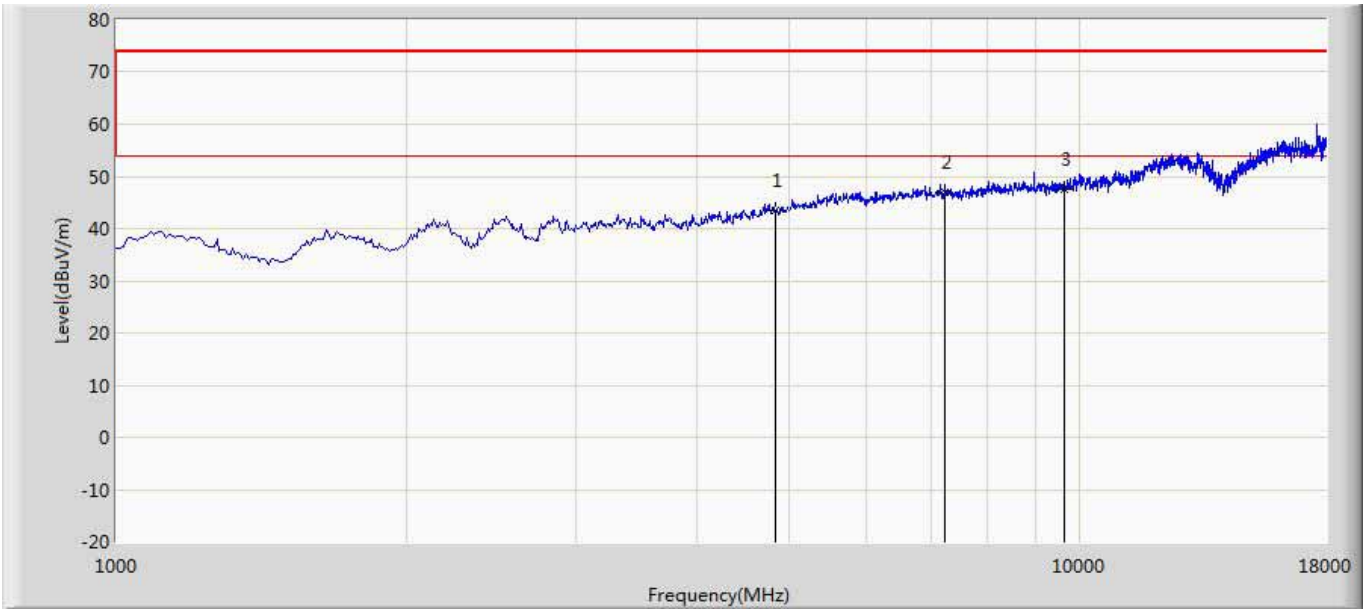
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.873	37.493	-30.127	74.000	6.379	PK
2		7386.000	46.371	36.538	-27.629	74.000	9.833	PK
3	*	9848.000	47.758	34.905	-26.242	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412 by 11n20 Ant0	



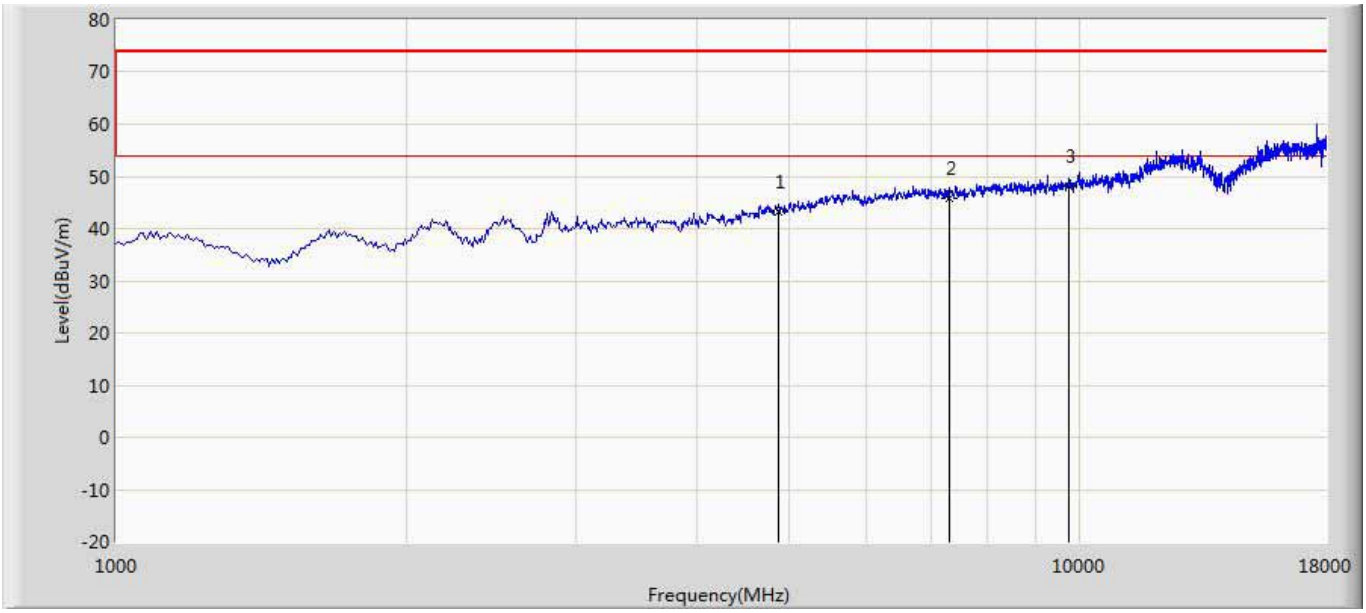
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.883	37.872	-30.117	74.000	6.011	PK
2		7236.000	46.642	36.413	-27.358	74.000	10.228	PK
3	*	9648.000	47.607	35.252	-26.393	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 01:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412 by 11n20 Ant0	



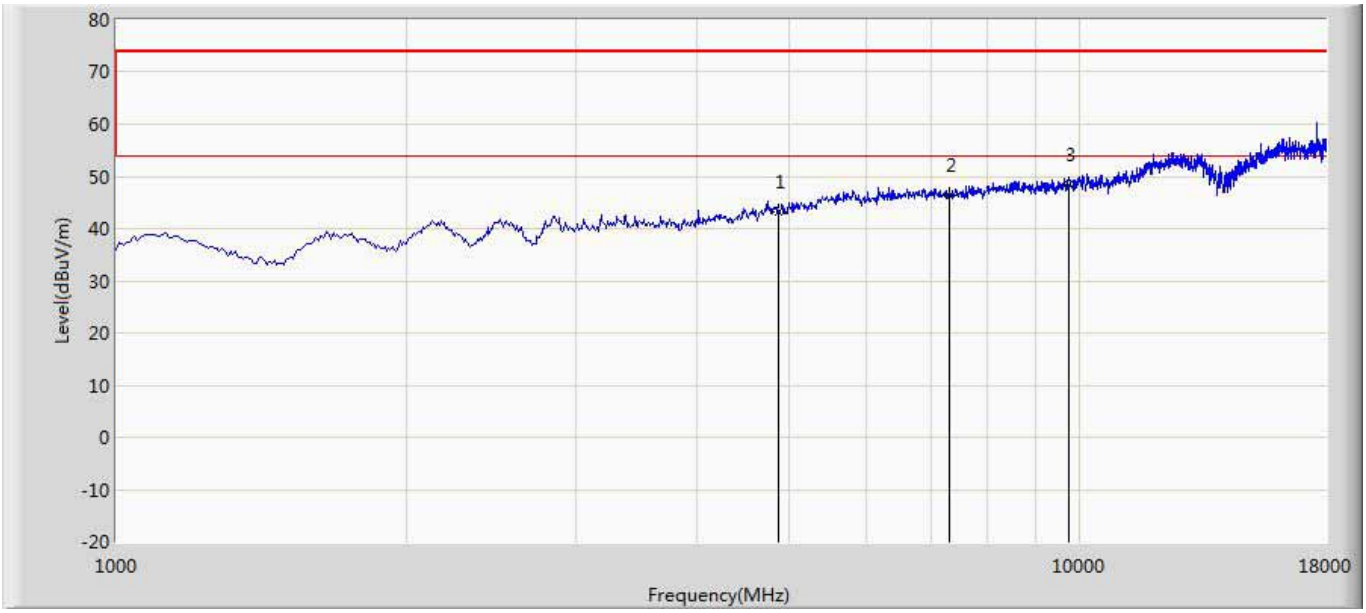
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.592	37.581	-30.408	74.000	6.011	PK
2		7236.000	46.945	36.716	-27.055	74.000	10.228	PK
3	*	9648.000	47.667	35.312	-26.333	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 01:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437 by 11n20 Ant0	



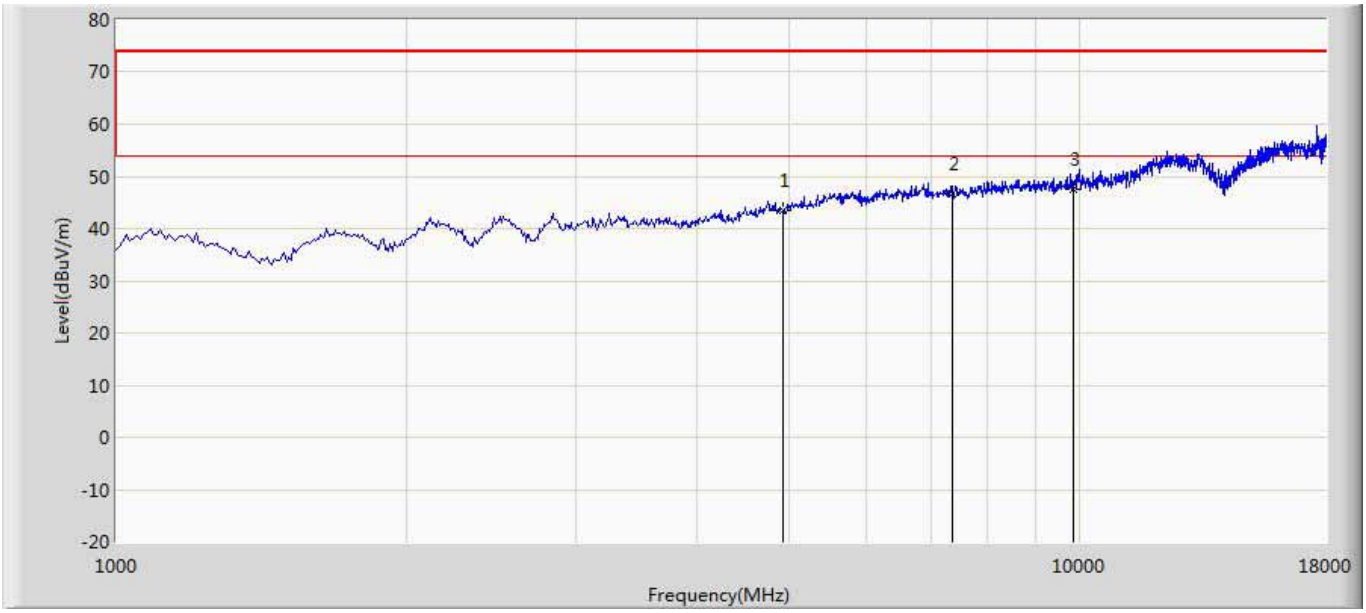
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.295	36.941	-30.705	74.000	6.354	PK
2		7311.000	45.879	35.923	-28.121	74.000	9.956	PK
3	*	9748.000	48.217	35.864	-25.783	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437 by 11n20 Ant0	



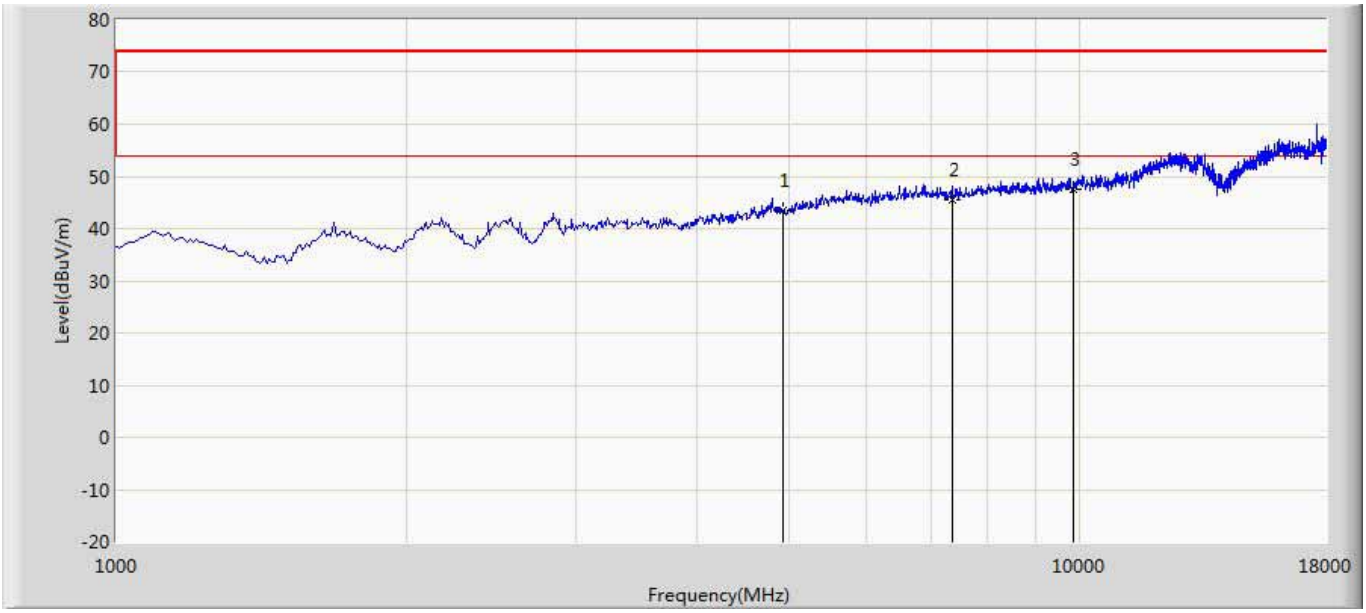
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.176	36.822	-30.824	74.000	6.354	PK
2		7311.000	46.307	36.351	-27.693	74.000	9.956	PK
3	*	9748.000	48.352	35.999	-25.648	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462 by 11n20 Ant0	



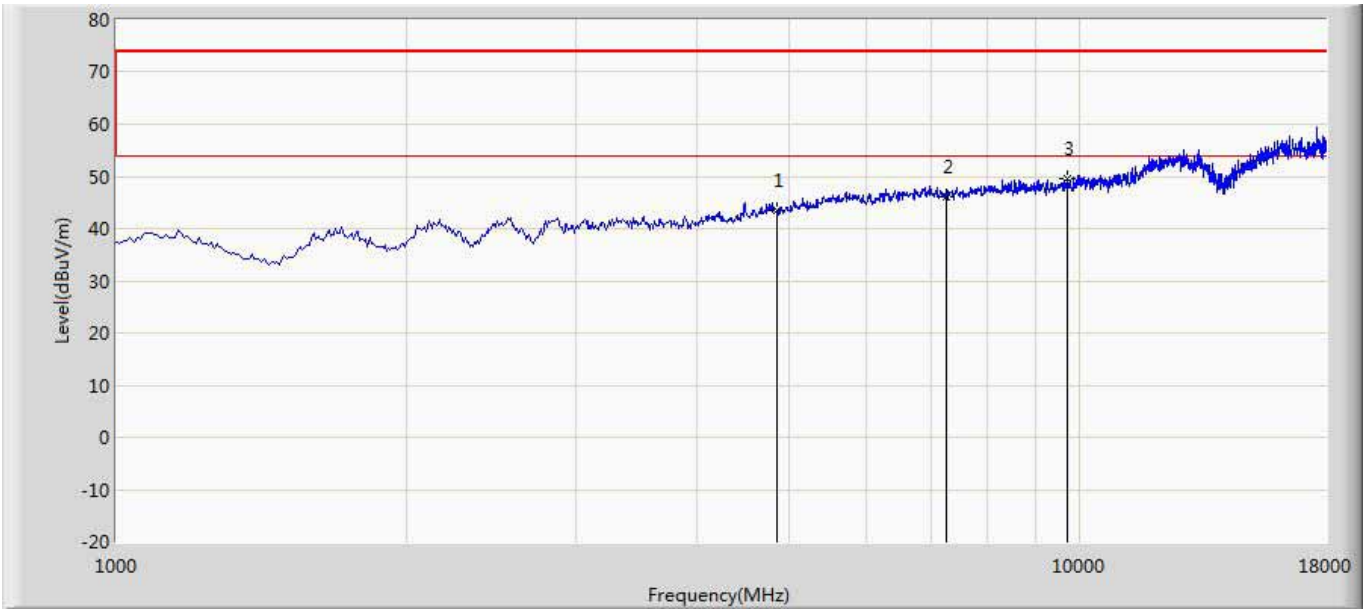
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.350	36.970	-30.650	74.000	6.379	PK
2		7386.000	46.553	36.720	-27.447	74.000	9.833	PK
3	*	9848.000	47.567	34.714	-26.433	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462 by 11n20 Ant0	



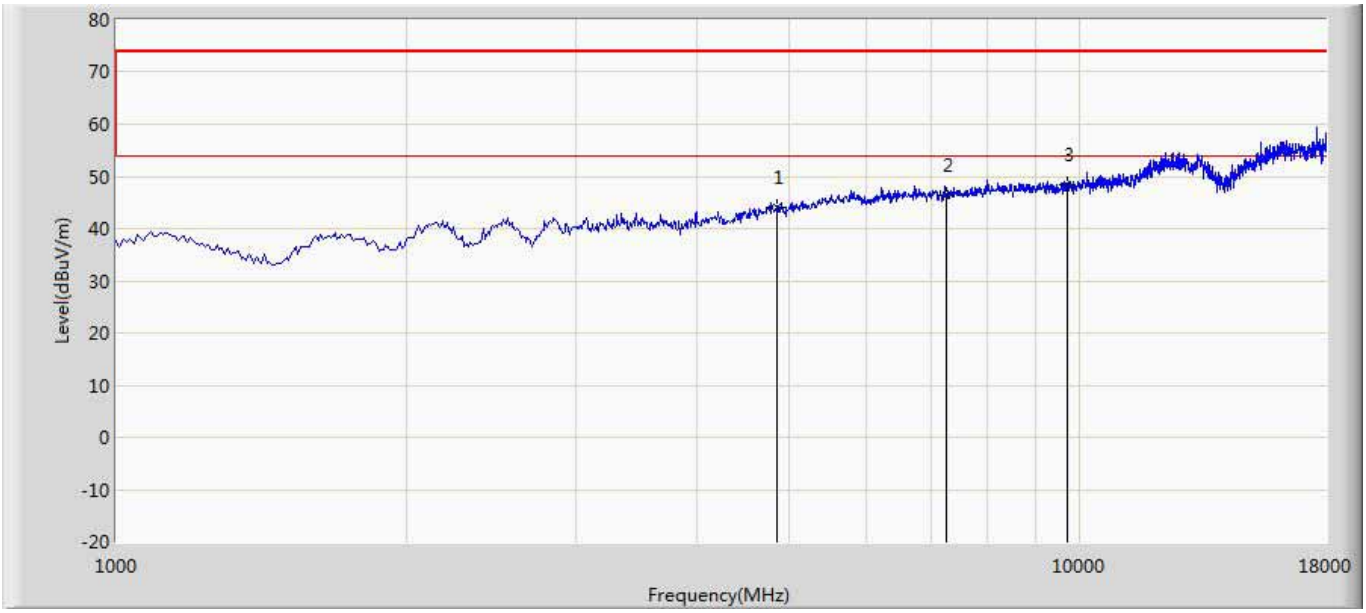
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.492	37.112	-30.508	74.000	6.379	PK
2		7386.000	45.616	35.783	-28.384	74.000	9.833	PK
3	*	9848.000	47.635	34.782	-26.365	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 01:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2422 by 11n40 Ant0	



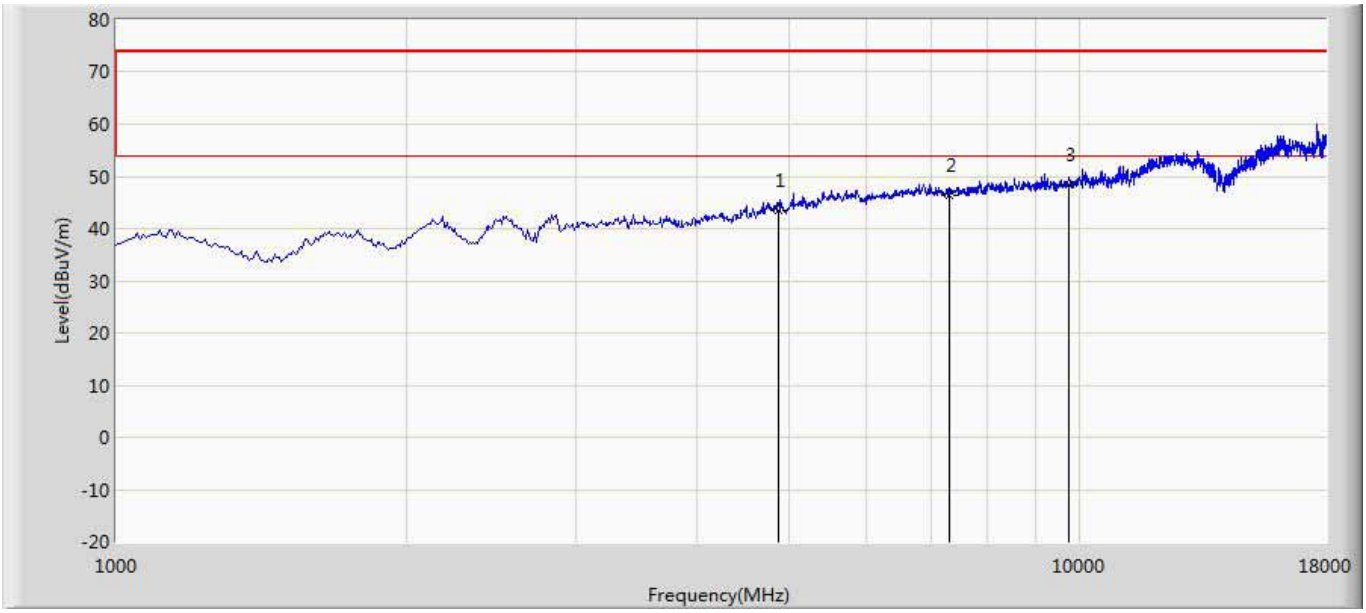
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.473	37.232	-30.527	74.000	6.241	PK
2		7266.000	46.162	36.155	-27.838	74.000	10.006	PK
3	*	9688.000	49.510	36.390	-24.490	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 01:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2422 by 11n40 Ant0	



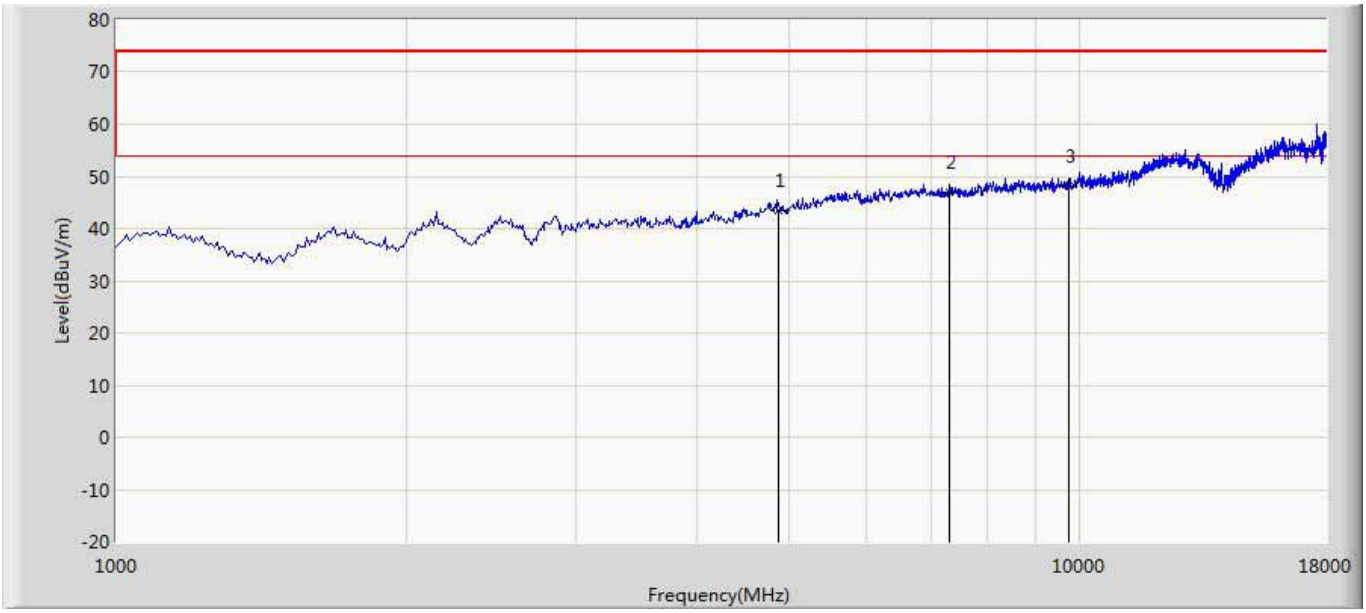
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	44.167	37.926	-29.833	74.000	6.241	PK
2		7266.000	46.481	36.474	-27.519	74.000	10.006	PK
3	*	9688.000	48.476	35.356	-25.524	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 01:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437 by 11n40 Ant0	



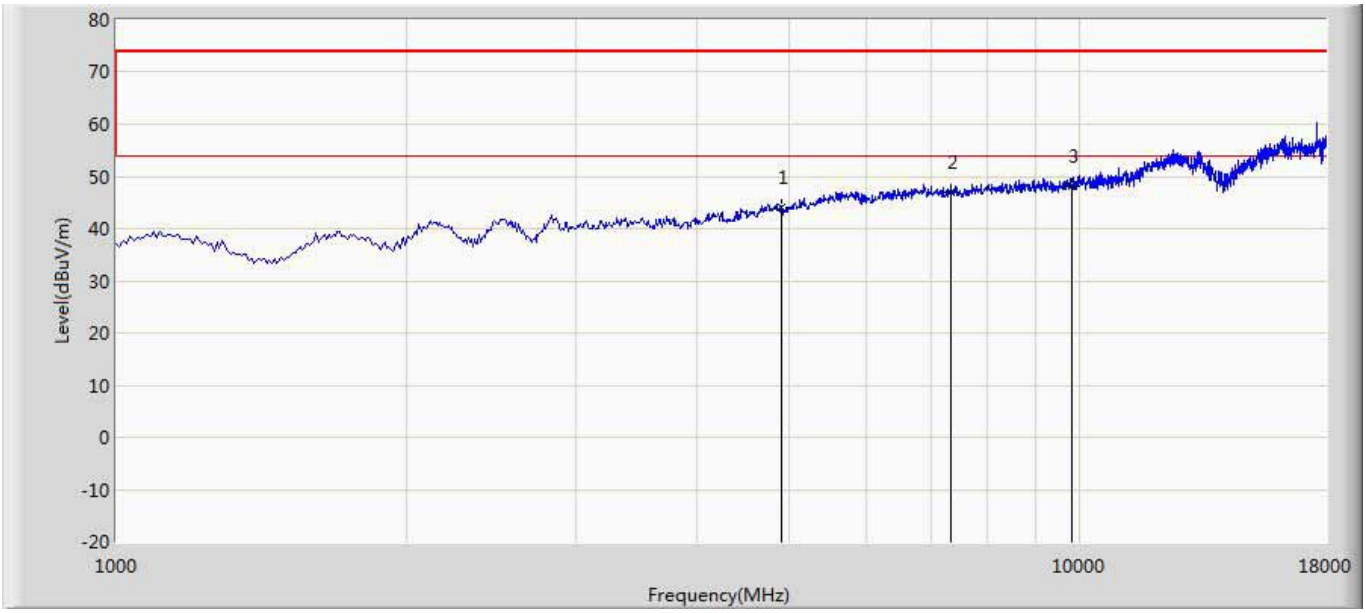
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.539	37.185	-30.461	74.000	6.354	PK
2		7311.000	46.335	36.379	-27.665	74.000	9.956	PK
3	*	9748.000	48.330	35.977	-25.670	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 01:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437 by 11n40 Ant0	



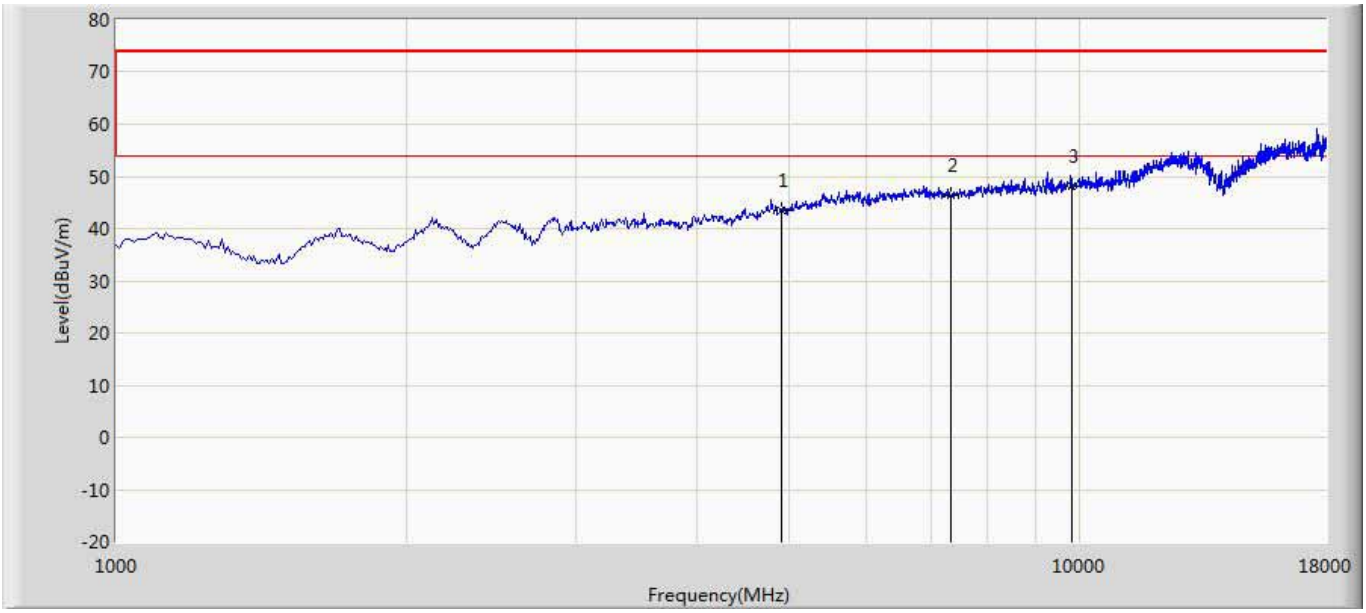
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.364	37.010	-30.636	74.000	6.354	PK
2		7311.000	46.834	36.878	-27.166	74.000	9.956	PK
3	*	9748.000	48.035	35.682	-25.965	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2452 by 11n40 Ant0	



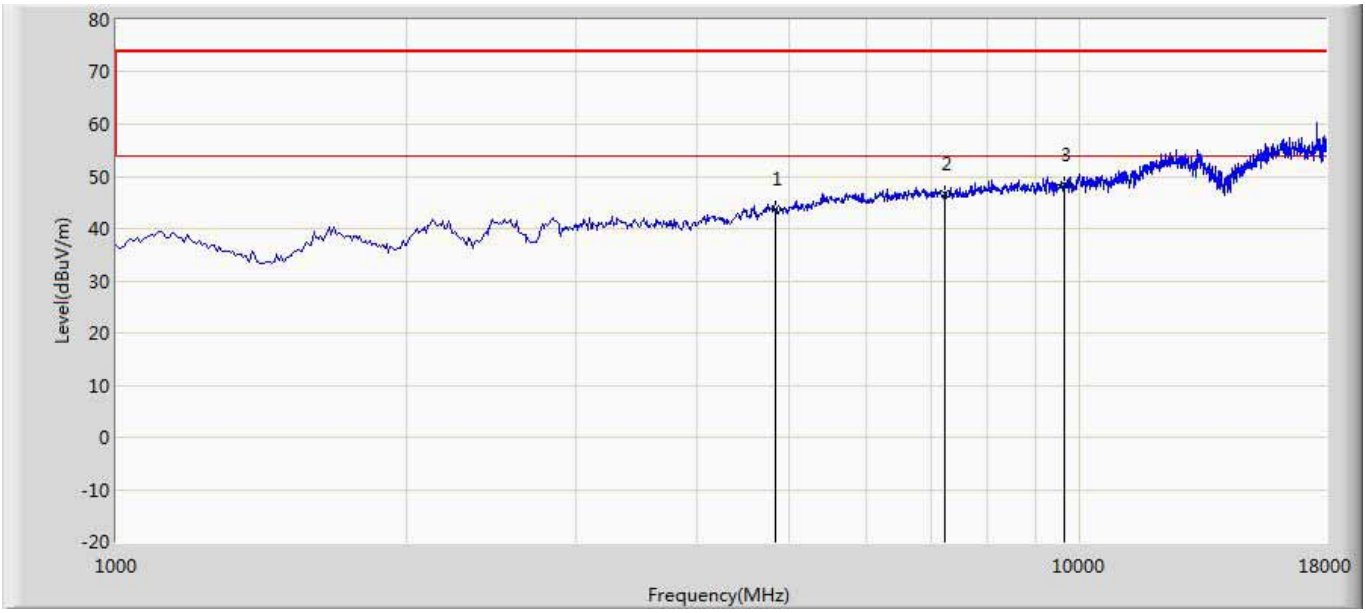
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	44.163	37.738	-29.837	74.000	6.425	PK
2		7356.000	46.911	36.535	-27.089	74.000	10.376	PK
3	*	9808.000	48.068	35.967	-25.932	74.000	12.101	PK

Site: AC5	Time: 2017/05/12 - 02:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2452 by 11n40 Ant0	



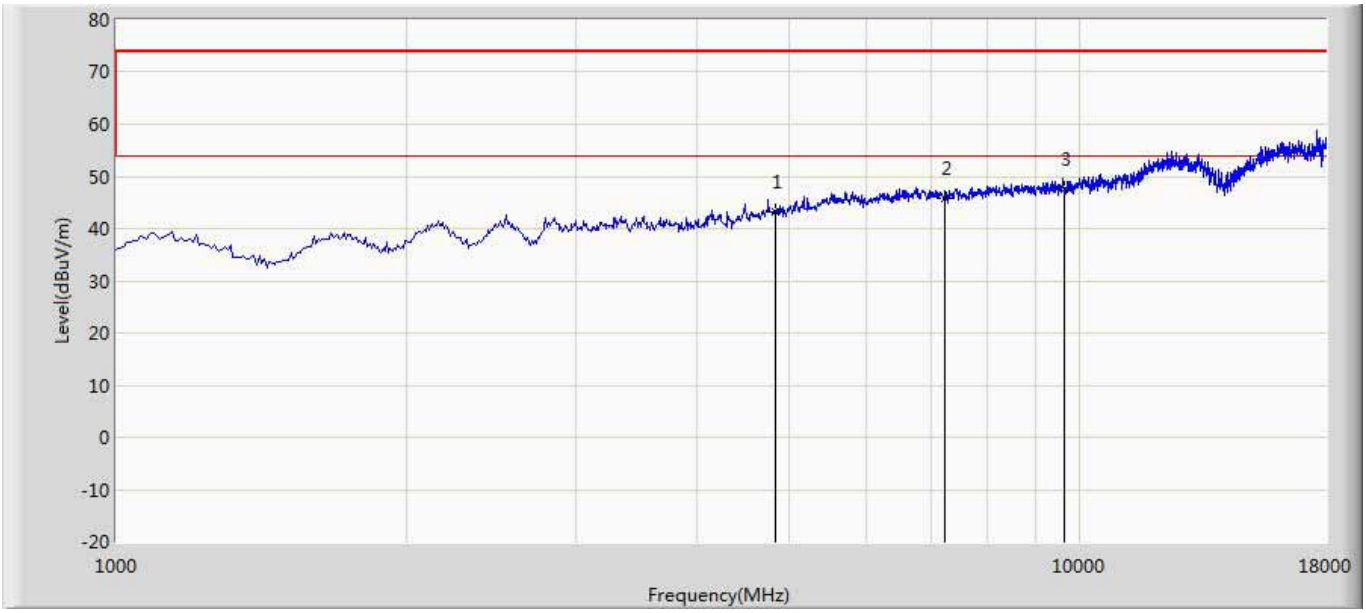
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	43.535	37.110	-30.465	74.000	6.425	PK
2		7356.000	46.456	36.080	-27.544	74.000	10.376	PK
3	*	9808.000	47.993	35.892	-26.007	74.000	12.101	PK

Site: AC5	Time: 2017/05/12 - 02:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412 by 11b Ant1	



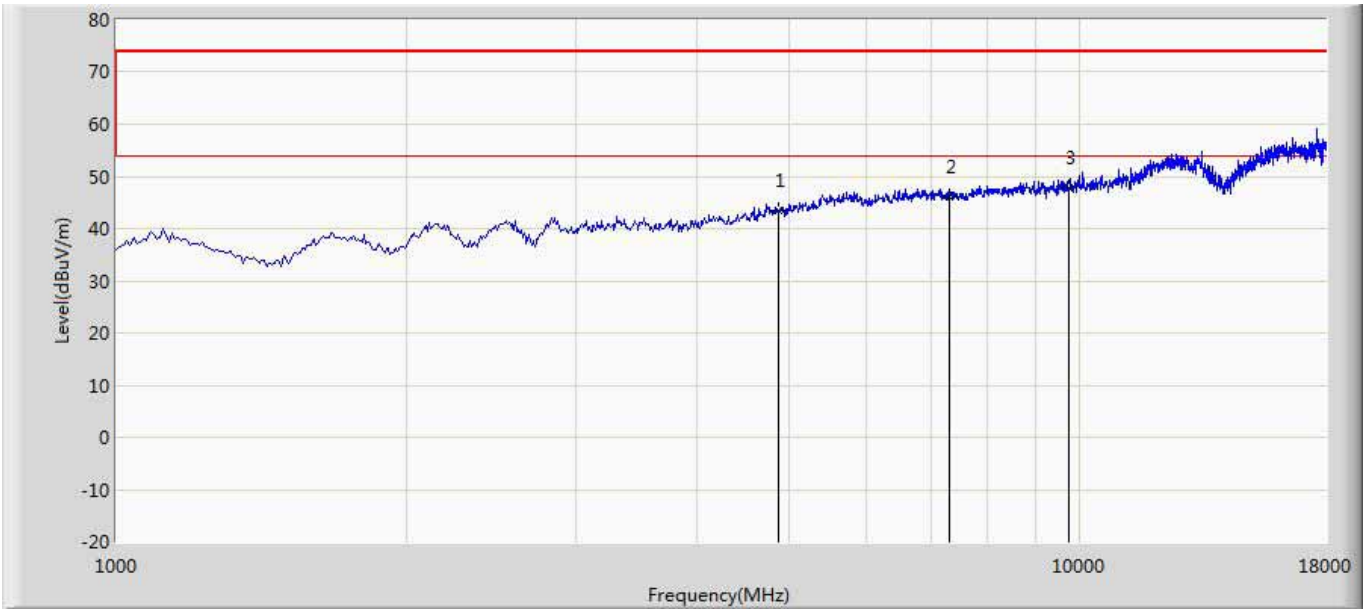
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.700	37.689	-30.300	74.000	6.011	PK
2		7236.000	46.527	36.298	-27.473	74.000	10.228	PK
3	*	9648.000	48.337	35.982	-25.663	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2412 by 11b Ant1	



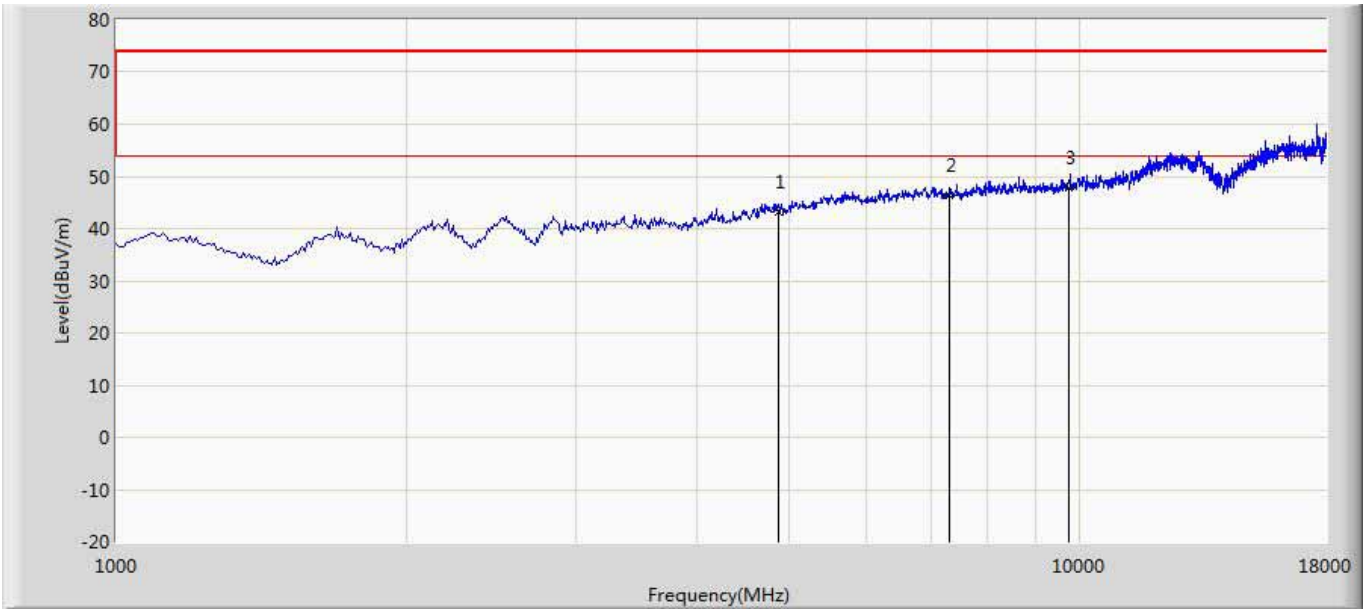
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.227	37.216	-30.773	74.000	6.011	PK
2		7236.000	45.903	35.674	-28.097	74.000	10.228	PK
3	*	9648.000	47.536	35.181	-26.464	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437 by 11b Ant1	



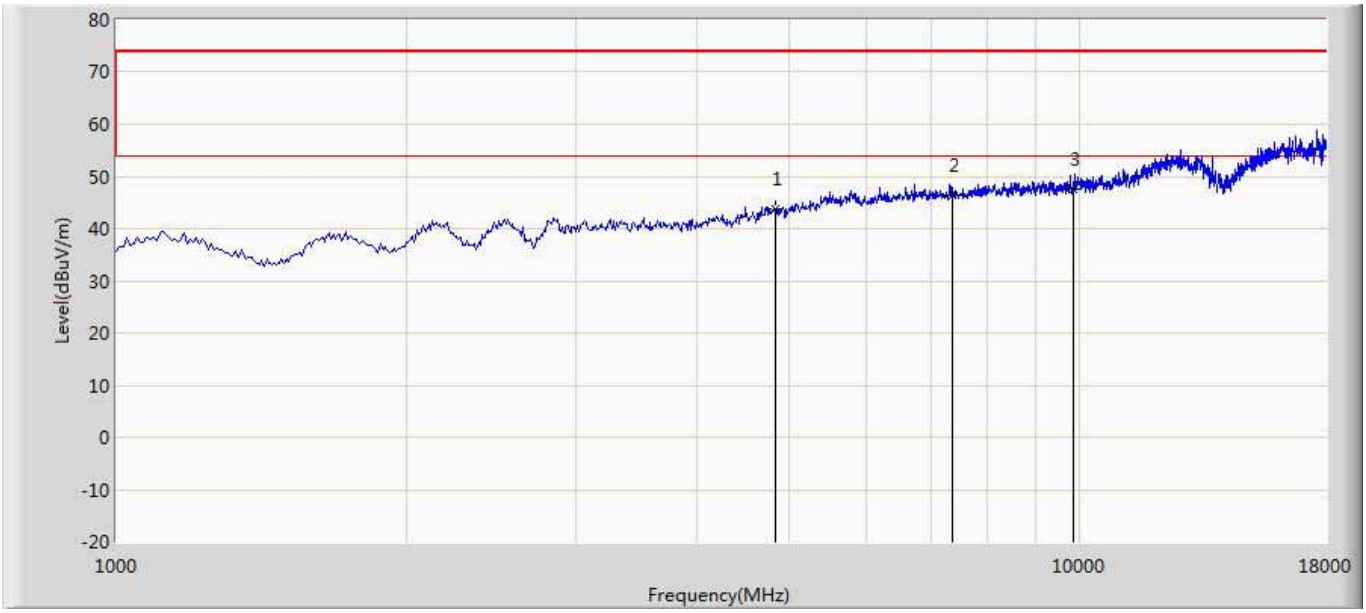
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.568	37.214	-30.432	74.000	6.354	PK
2		7311.000	45.964	36.008	-28.036	74.000	9.956	PK
3	*	9748.000	47.735	35.382	-26.265	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2437 by 11b Ant1	



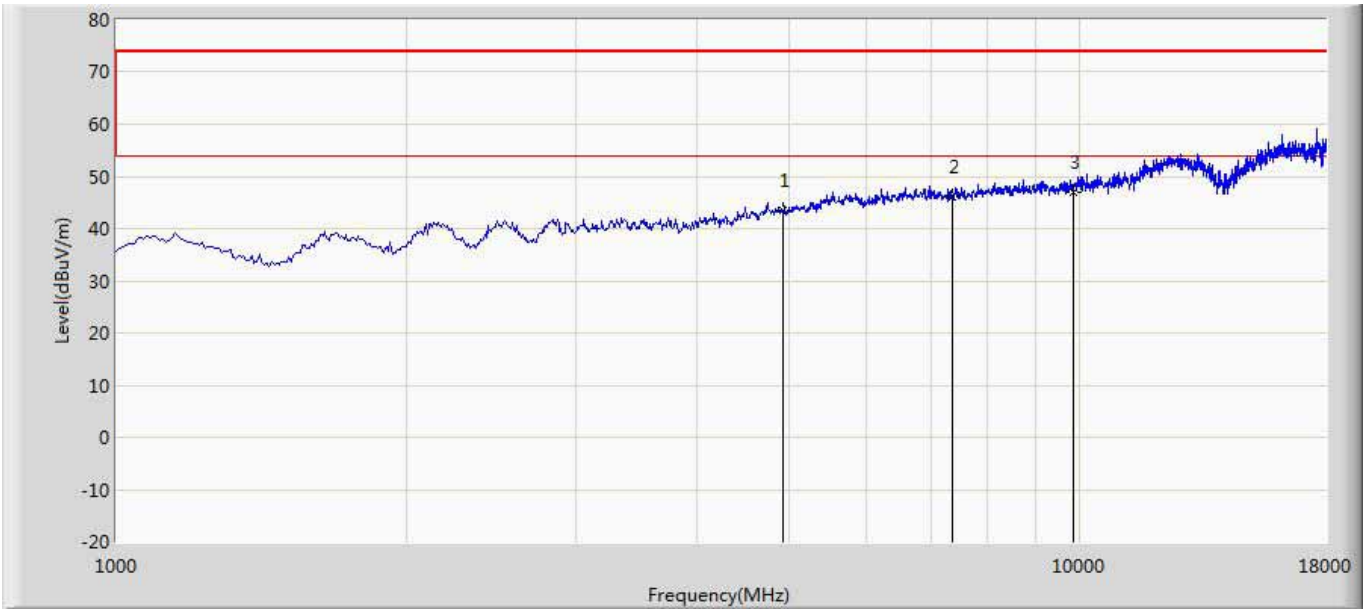
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.154	36.800	-30.846	74.000	6.354	PK
2		7311.000	46.391	36.435	-27.609	74.000	9.956	PK
3	*	9748.000	47.898	35.545	-26.102	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462 by 11b Ant1	



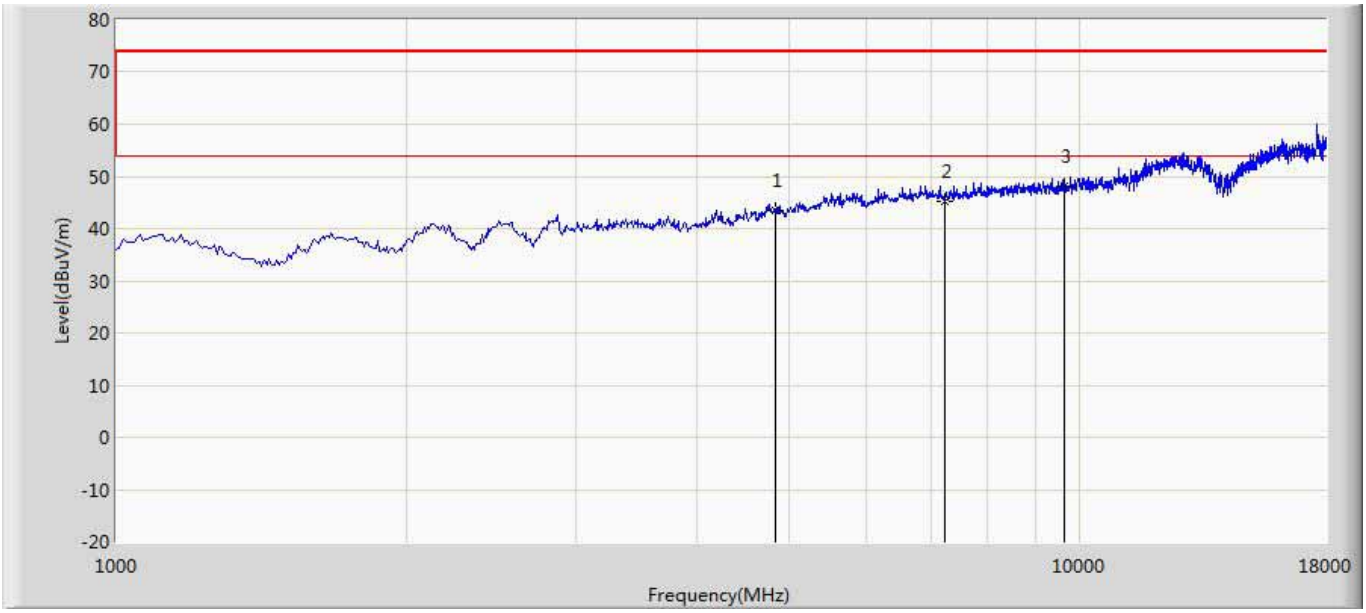
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.805	37.794	-30.195	74.000	6.011	PK
2		7386.000	46.261	36.428	-27.739	74.000	9.833	PK
3	*	9848.000	47.549	34.696	-26.451	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 2462 by 11b Ant1	



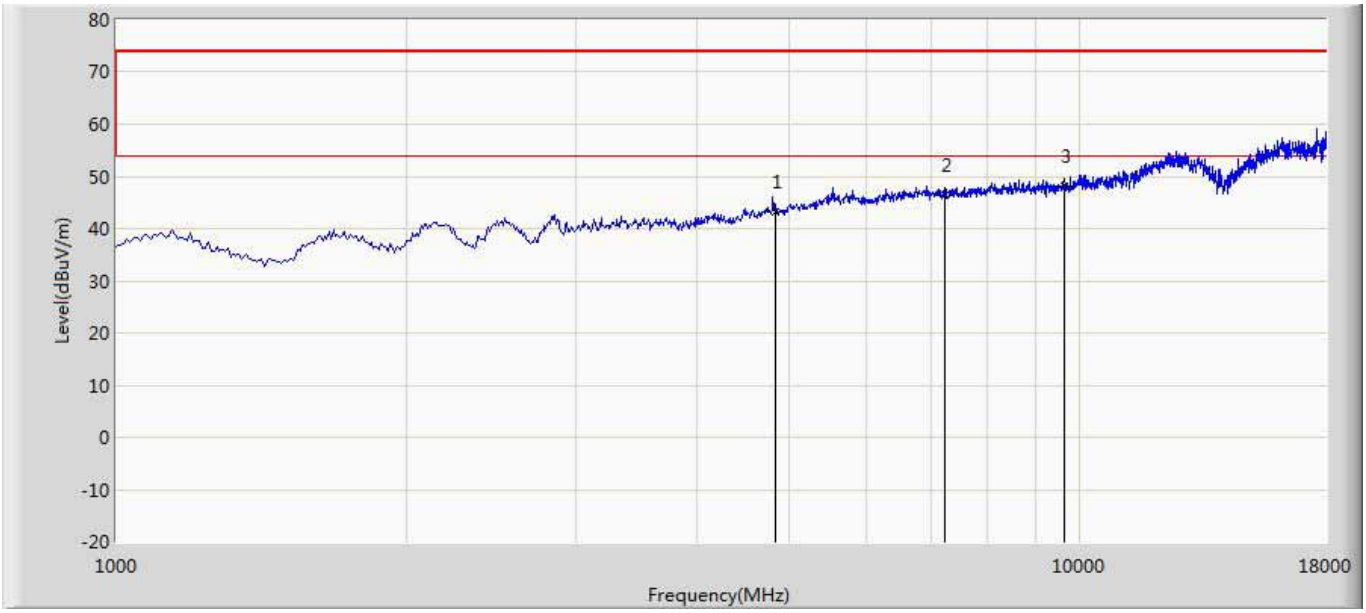
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.342	36.962	-30.658	74.000	6.379	PK
2		7386.000	45.972	36.139	-28.028	74.000	9.833	PK
3	*	9848.000	46.939	34.086	-27.061	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2412 by 11g Ant1	



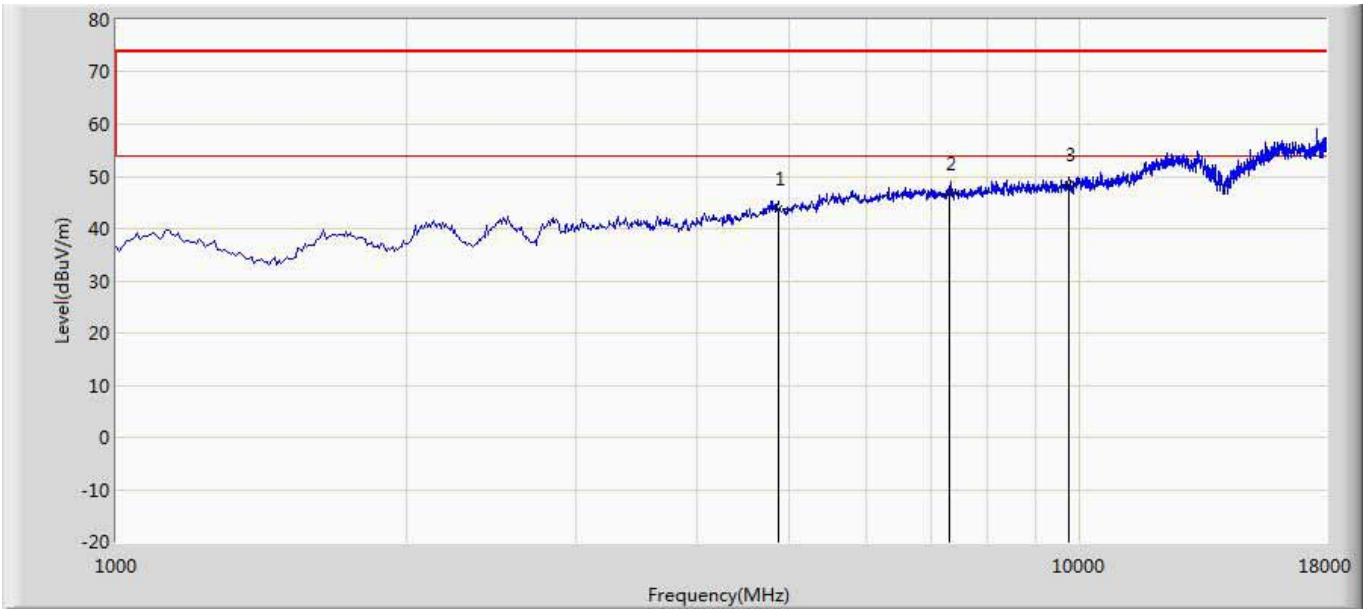
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.617	37.606	-30.383	74.000	6.011	PK
2		7236.000	45.310	35.081	-28.690	74.000	10.228	PK
3	*	9648.000	47.990	35.635	-26.010	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2412 by 11g Ant1	



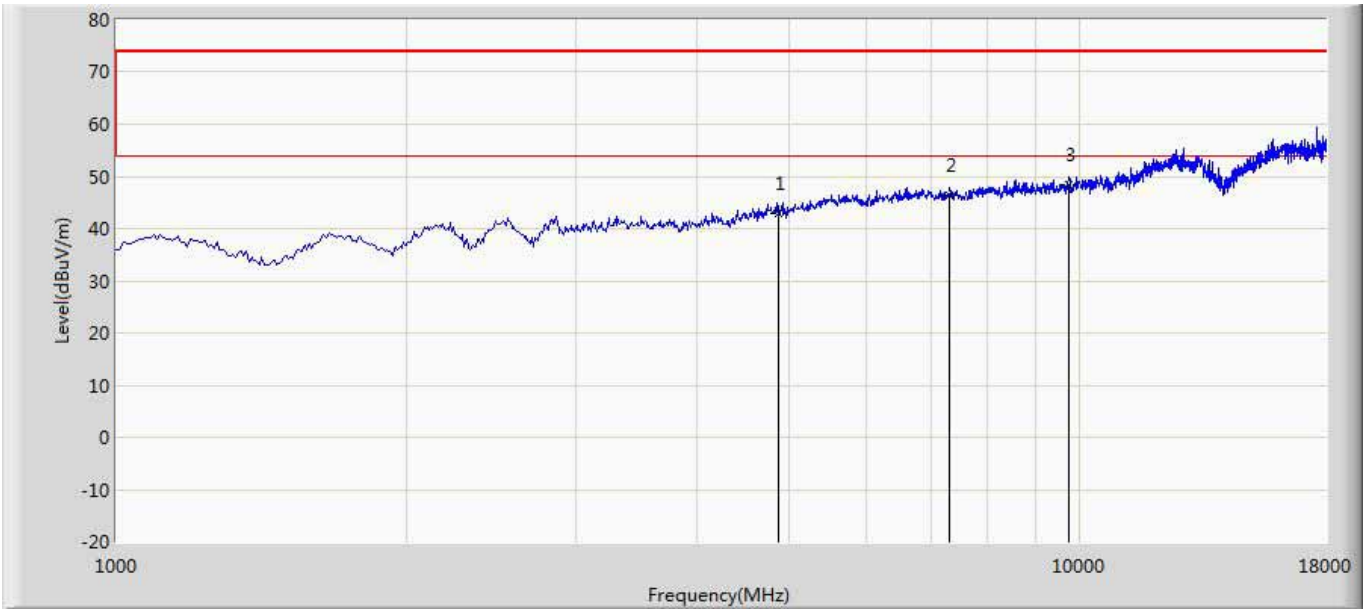
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.266	37.255	-30.734	74.000	6.011	PK
2		7236.000	46.314	36.085	-27.686	74.000	10.228	PK
3	*	9648.000	48.130	35.775	-25.870	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2437 by 11g Ant1	



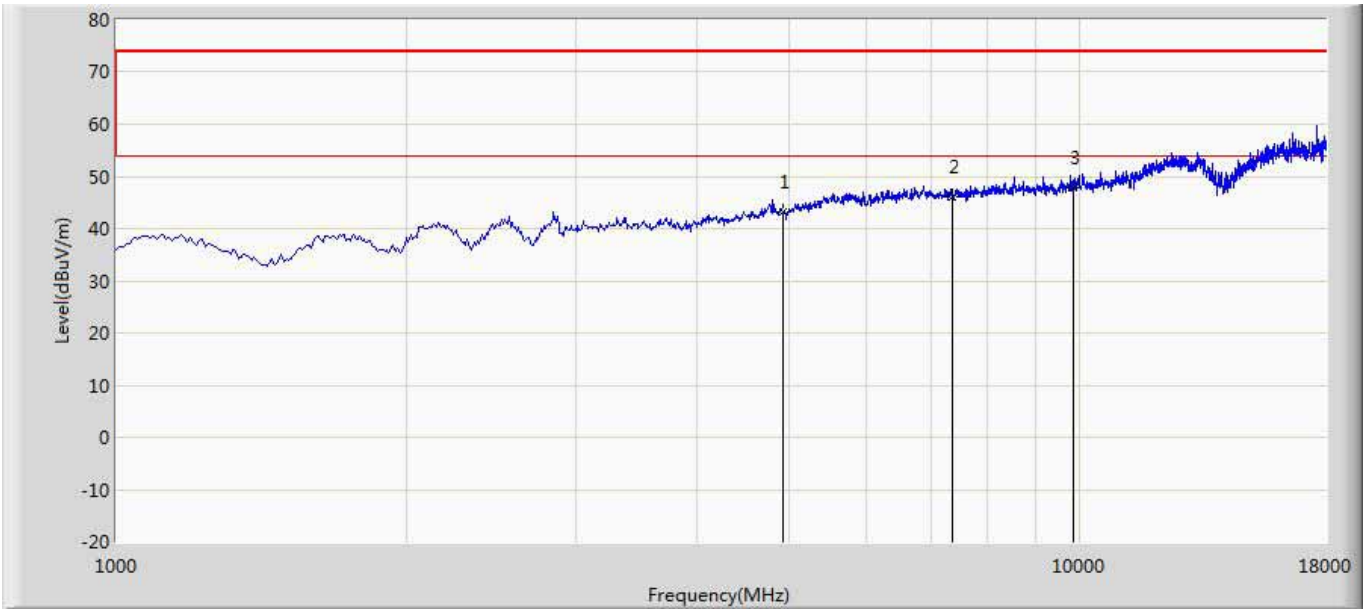
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.883	37.529	-30.117	74.000	6.354	PK
2		7311.000	46.542	36.586	-27.458	74.000	9.956	PK
3	*	9748.000	48.416	36.063	-25.584	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2437 by 11g Ant1	



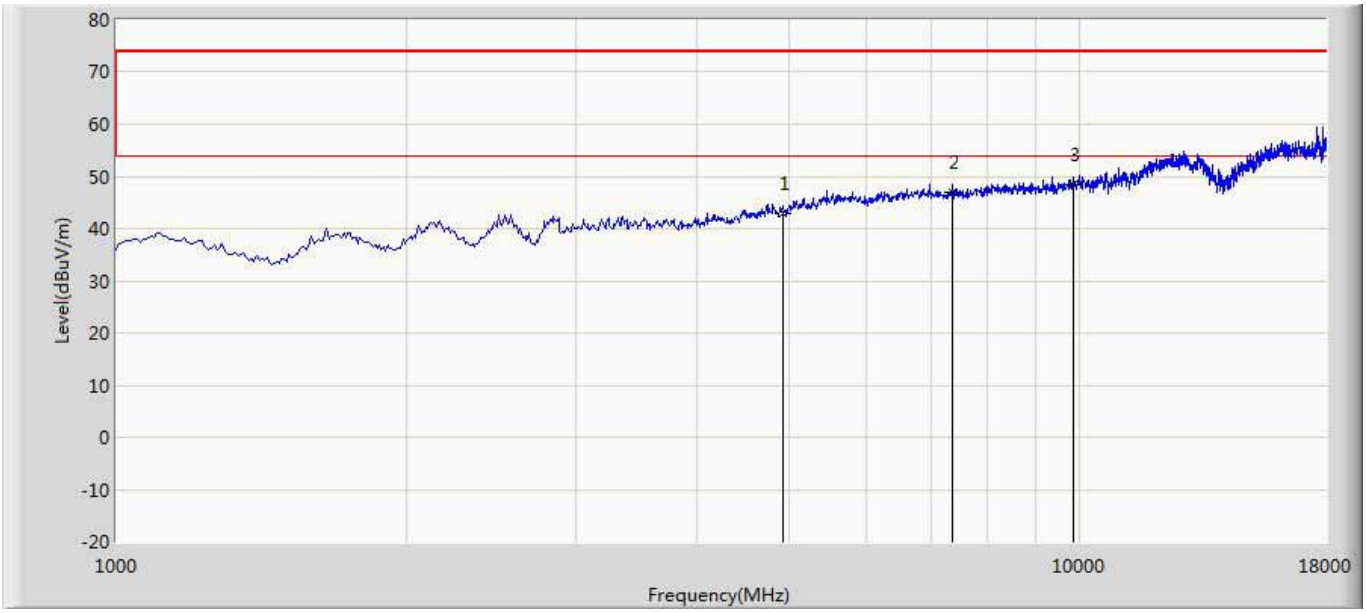
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.026	36.672	-30.974	74.000	6.354	PK
2		7311.000	46.245	36.289	-27.755	74.000	9.956	PK
3	*	9748.000	48.350	35.997	-25.650	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2462 by 11g Ant1	



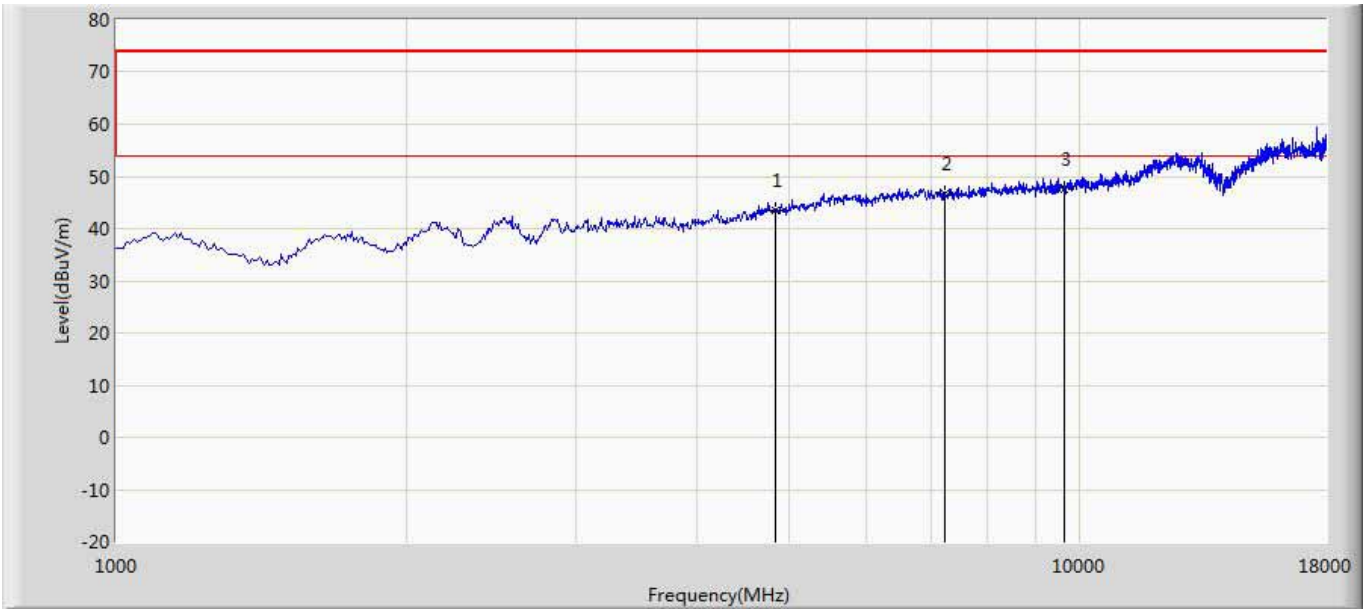
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.141	36.761	-30.859	74.000	6.379	PK
2		7386.000	46.135	36.302	-27.865	74.000	9.833	PK
3	*	9848.000	47.958	35.105	-26.042	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2462 by 11g Ant1	



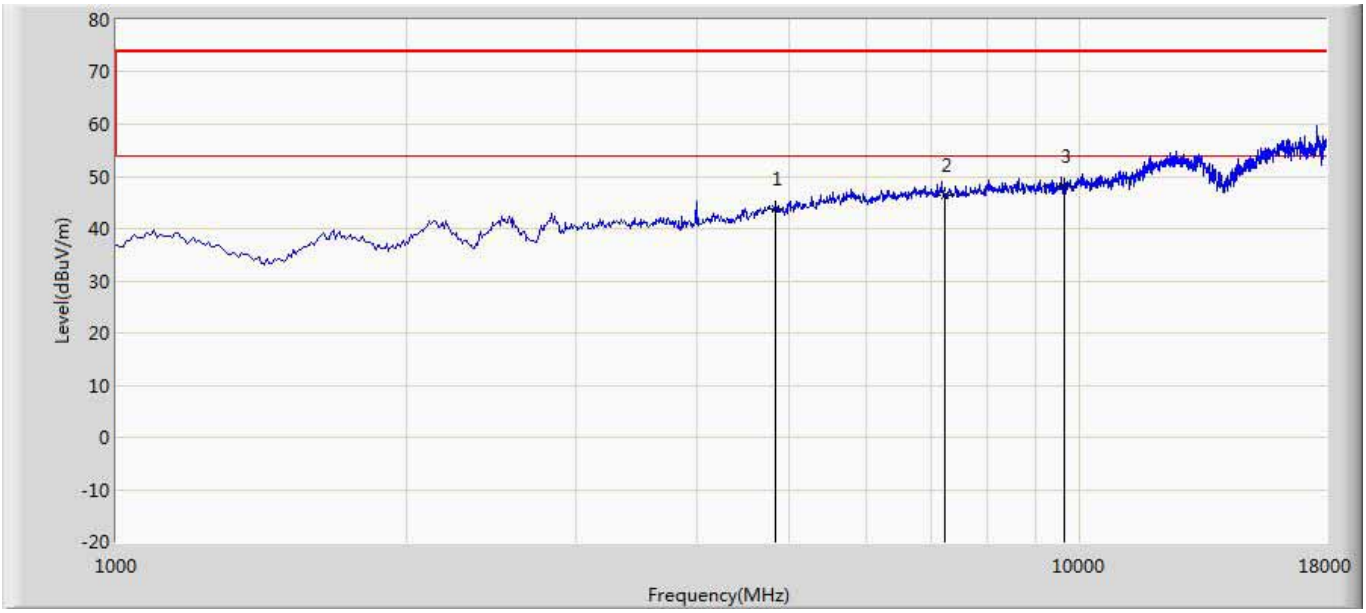
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.820	36.440	-31.180	74.000	6.379	PK
2		7386.000	46.866	37.033	-27.134	74.000	9.833	PK
3	*	9848.000	48.432	35.579	-25.568	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2412 by 11n20 Ant1	



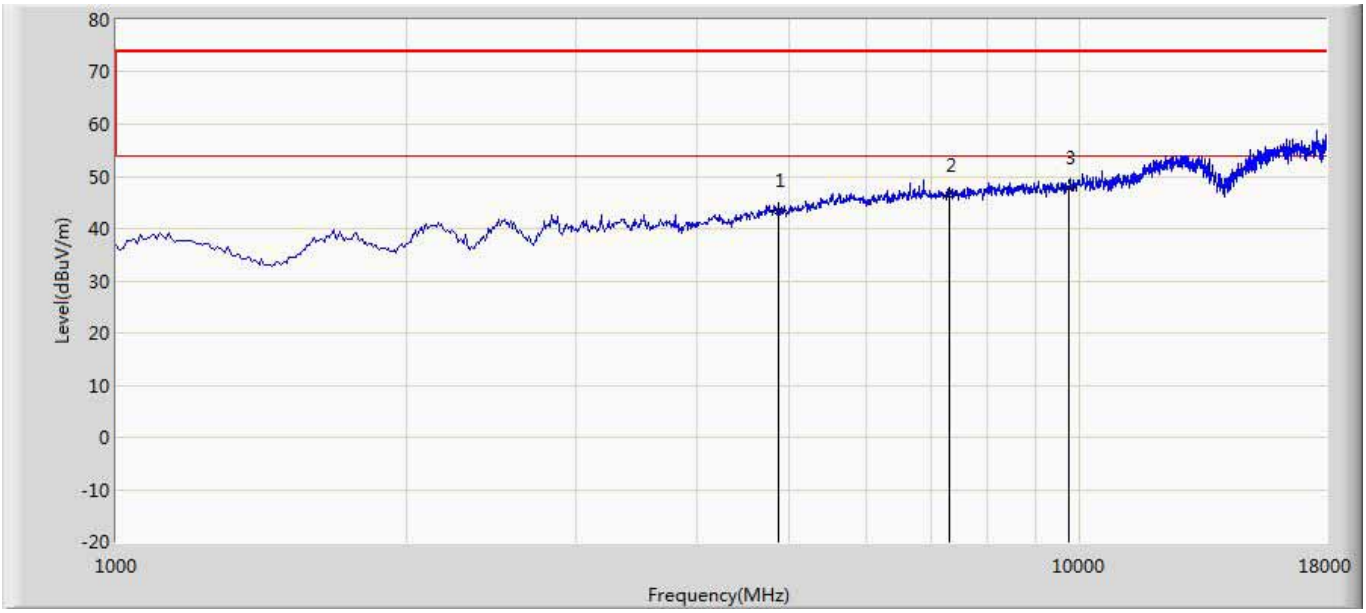
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.547	37.536	-30.453	74.000	6.011	PK
2		7236.000	46.729	36.500	-27.271	74.000	10.228	PK
3	*	9648.000	47.601	35.246	-26.399	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2412 by 11n20 Ant1	



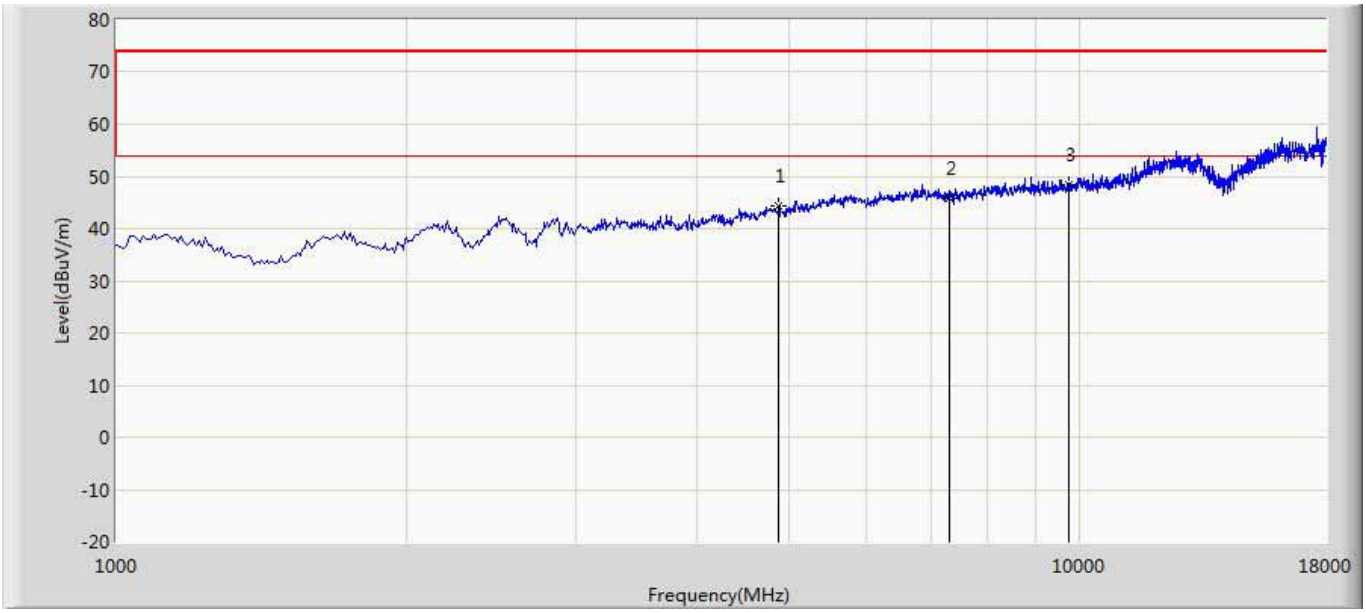
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.705	37.694	-30.295	74.000	6.011	PK
2		7236.000	46.397	36.168	-27.603	74.000	10.228	PK
3	*	9648.000	48.119	35.764	-25.881	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 02:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2437 by 11n20 Ant1	



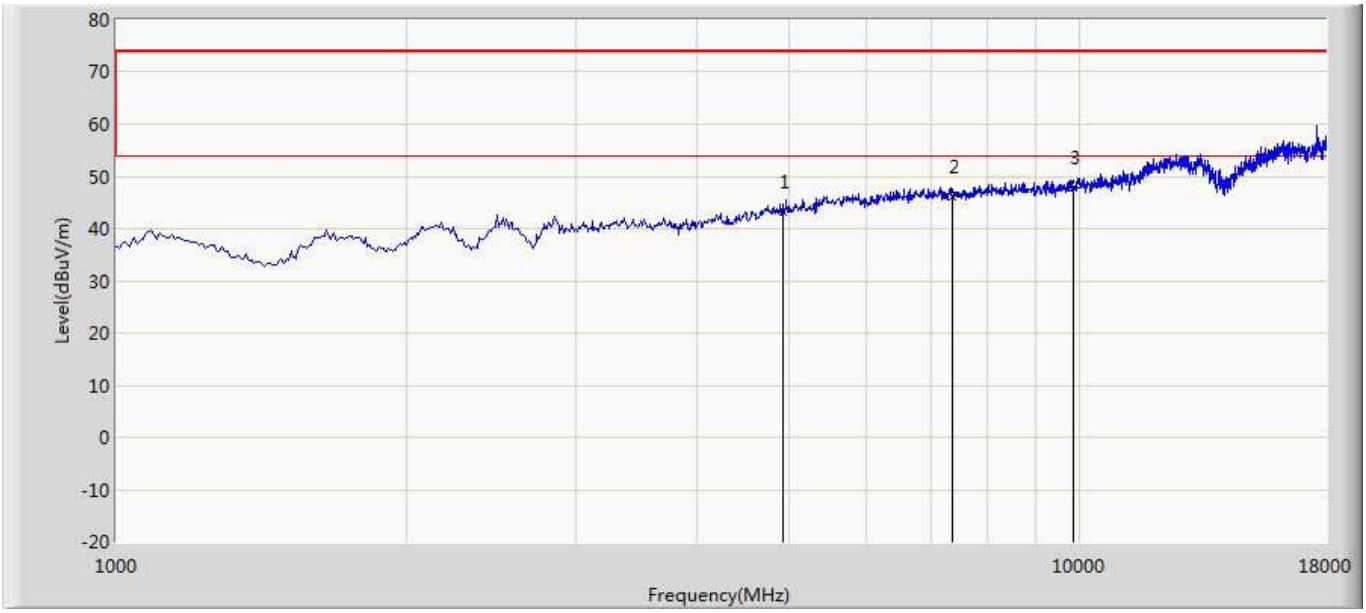
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.454	37.100	-30.546	74.000	6.354	PK
2		7311.000	46.368	36.412	-27.632	74.000	9.956	PK
3	*	9748.000	47.900	35.547	-26.100	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2437 by 11n20 Ant1	



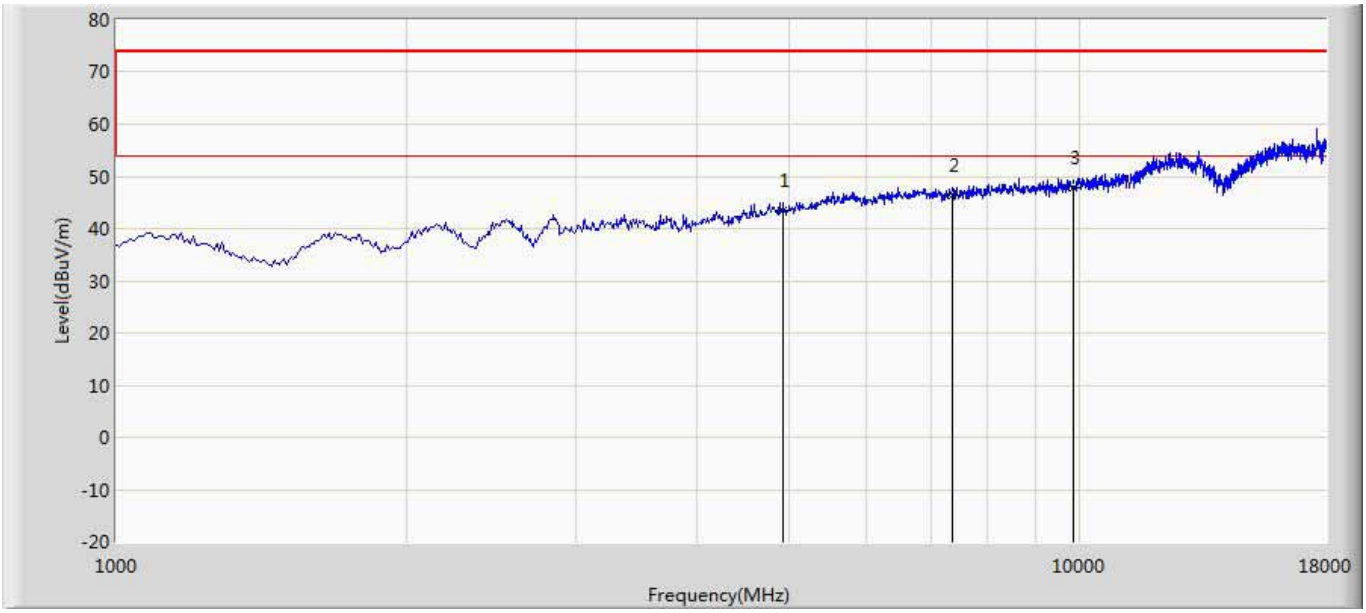
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	44.232	37.878	-29.768	74.000	6.354	PK
2		7311.000	45.800	35.844	-28.200	74.000	9.956	PK
3	*	9748.000	48.463	36.110	-25.537	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2462 by 11n20 Ant1	



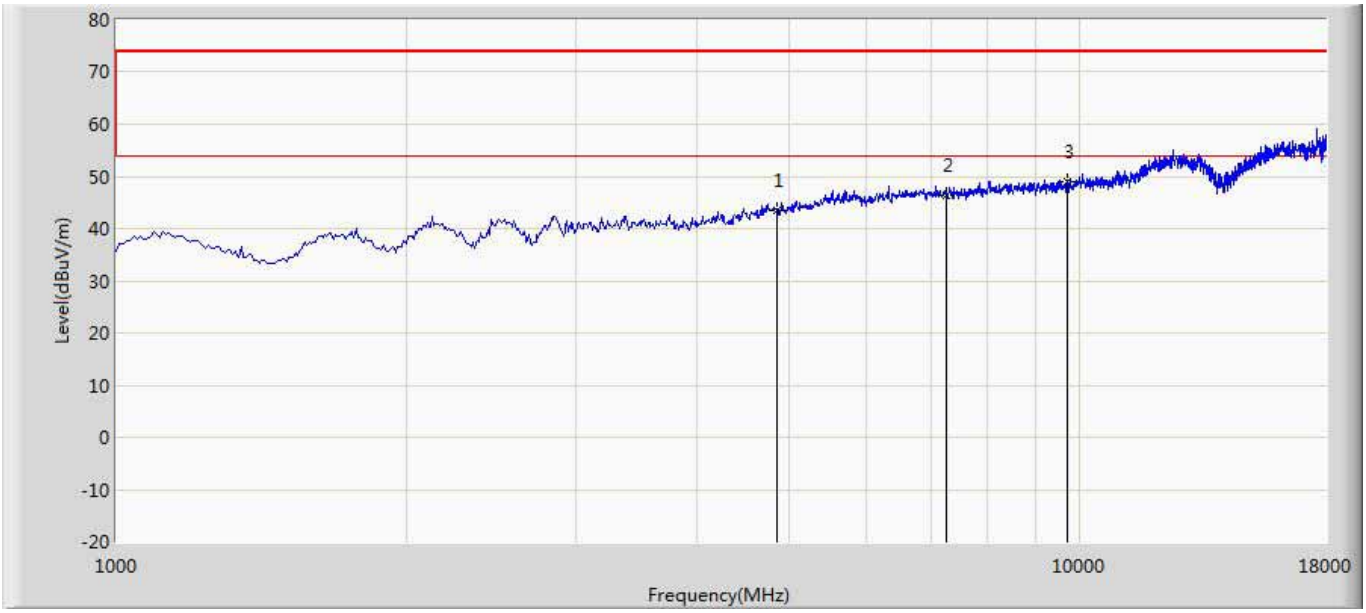
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.161	36.781	-30.839	74.000	6.379	PK
2		7386.000	46.152	36.319	-27.848	74.000	9.833	PK
3	*	9848.000	47.907	35.054	-26.093	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2462 by 11n20 Ant1	



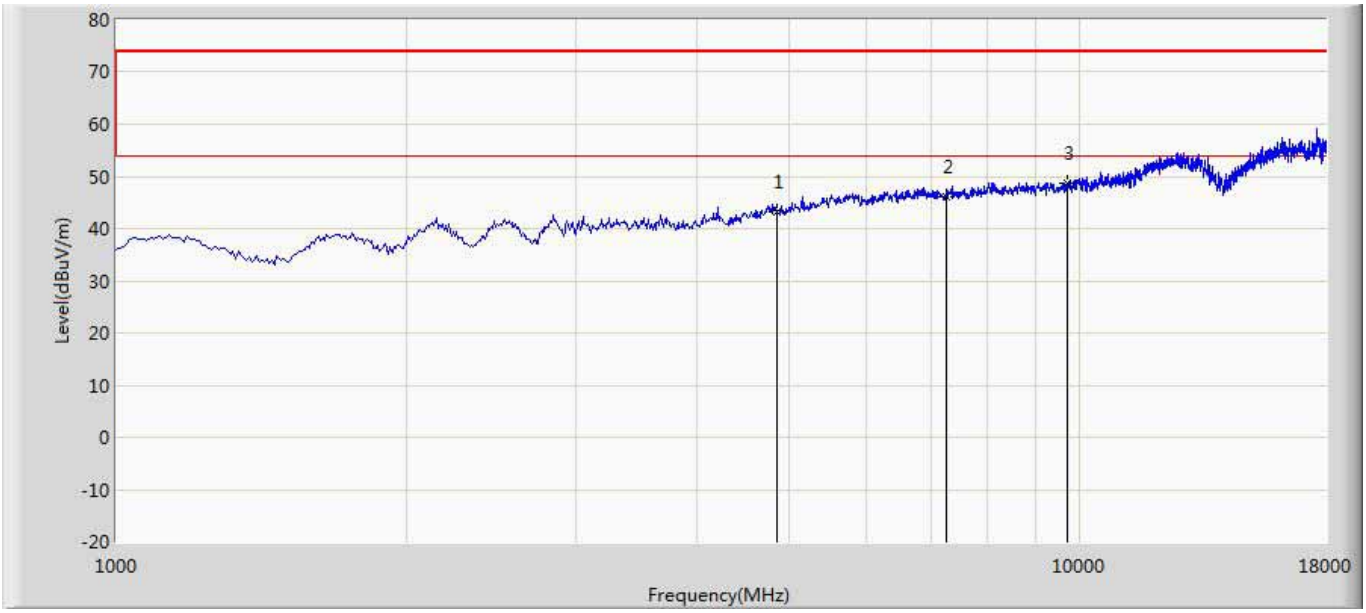
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.597	37.217	-30.403	74.000	6.379	PK
2		7386.000	46.326	36.493	-27.674	74.000	9.833	PK
3	*	9848.000	47.778	34.925	-26.222	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 02:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2422 by 11n40 Ant1	



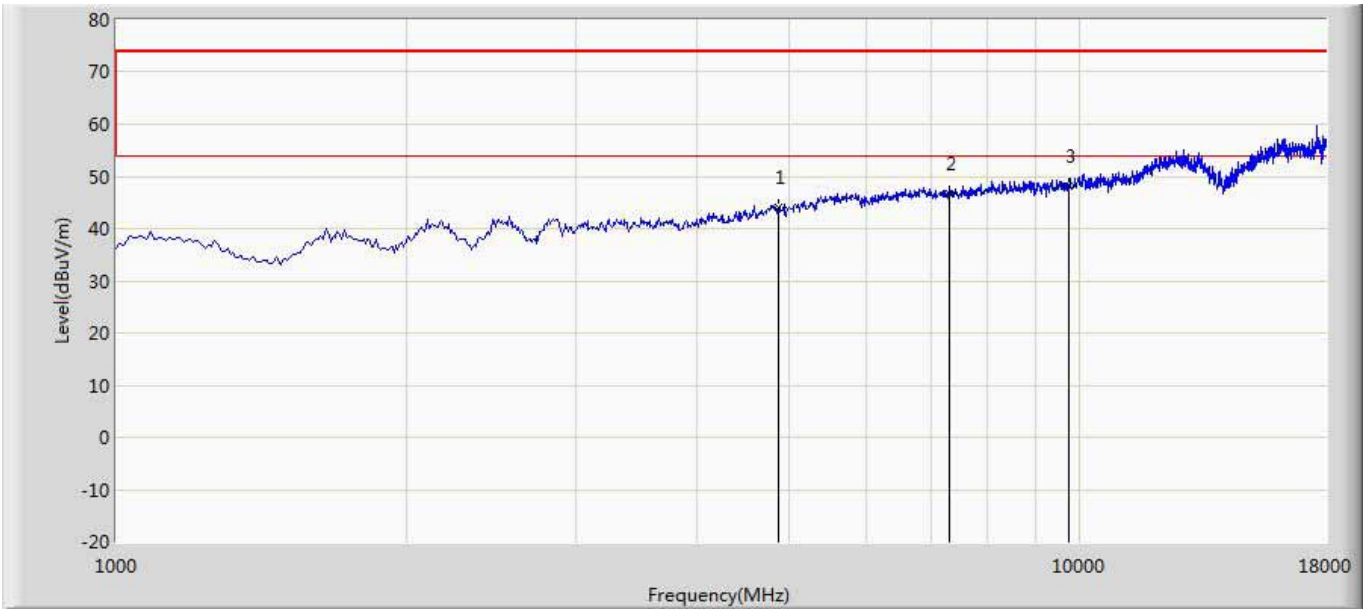
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.596	37.355	-30.404	74.000	6.241	PK
2		7266.000	46.232	36.225	-27.768	74.000	10.006	PK
3	*	9688.000	49.060	35.940	-24.940	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 02:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2422 by 11n40 Ant1	



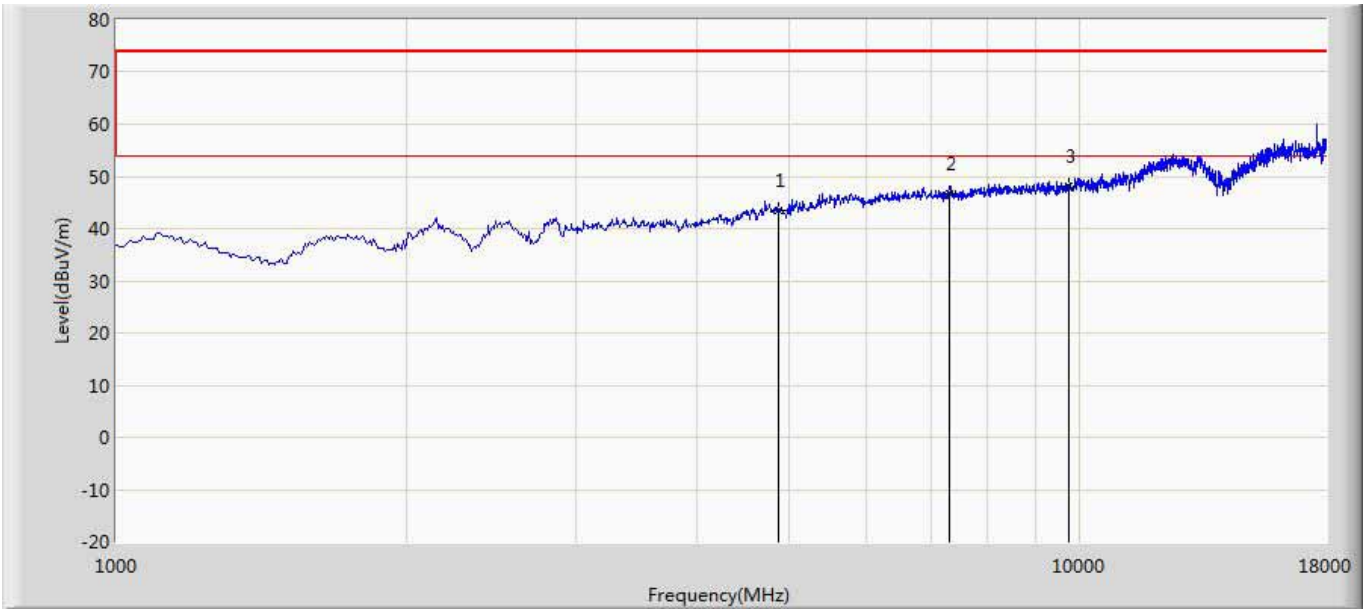
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.176	36.935	-30.824	74.000	6.241	PK
2		7266.000	46.205	36.198	-27.795	74.000	10.006	PK
3	*	9688.000	48.684	35.564	-25.316	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 02:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n40 Ant1	



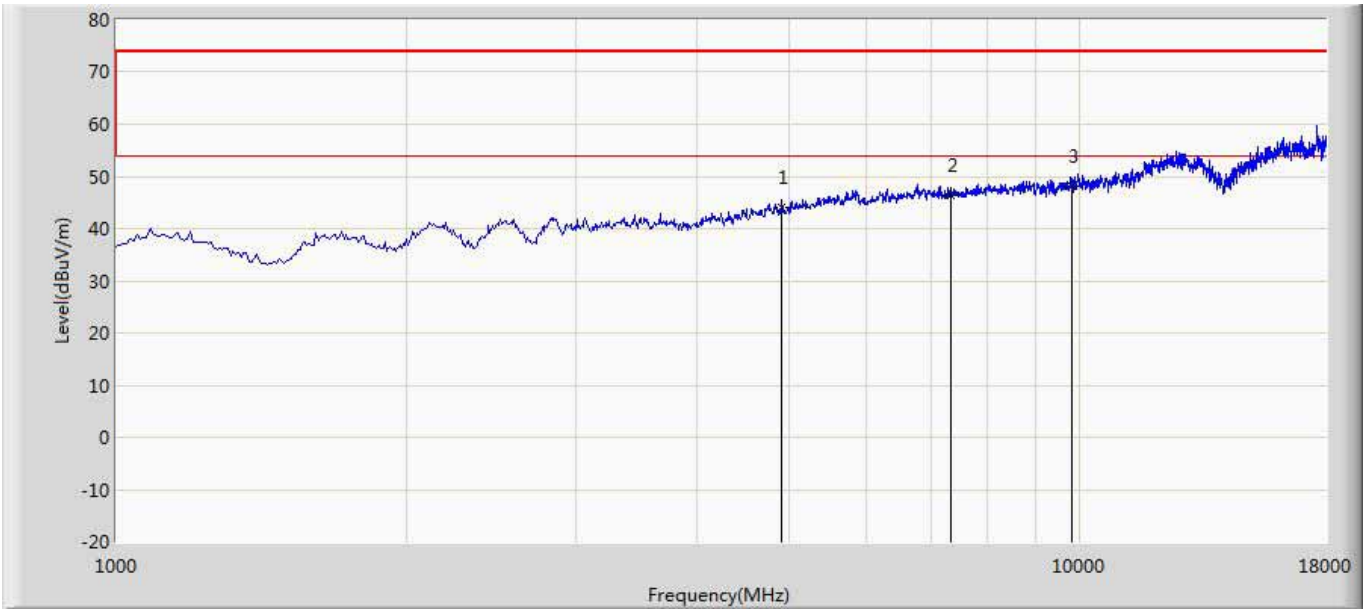
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.964	37.610	-30.036	74.000	6.354	PK
2		7311.000	46.733	36.777	-27.267	74.000	9.956	PK
3	*	9748.000	48.177	35.824	-25.823	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n40 Ant1	



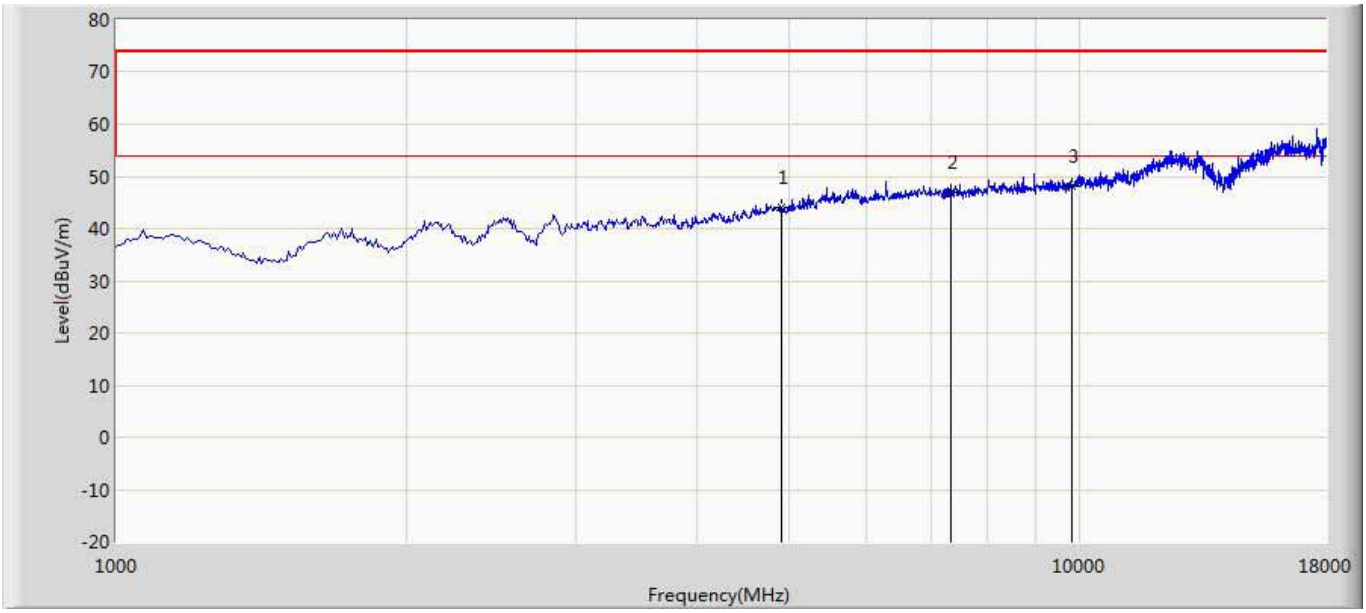
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.470	37.116	-30.530	74.000	6.354	PK
2		7311.000	46.583	36.627	-27.417	74.000	9.956	PK
3	*	9748.000	48.097	35.744	-25.903	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 02:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2452 by 11n40 Ant1	



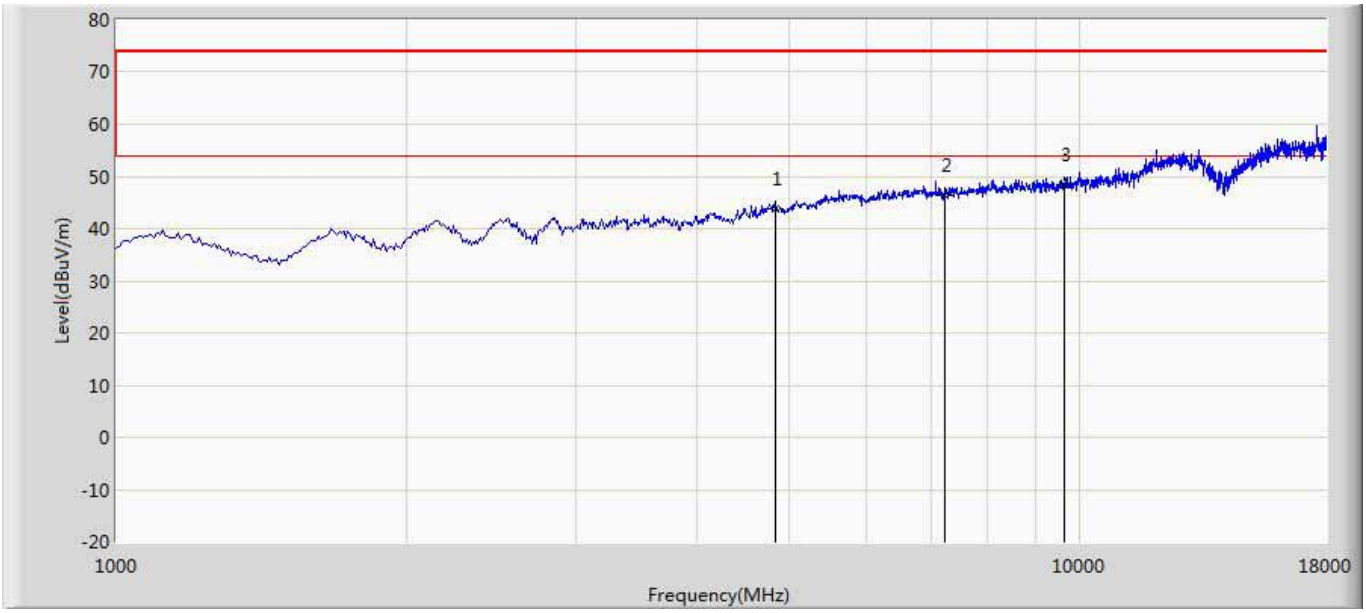
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	44.013	37.588	-29.987	74.000	6.425	PK
2		7356.000	46.417	36.041	-27.583	74.000	10.376	PK
3	*	9808.000	48.074	35.973	-25.926	74.000	12.101	PK

Site: AC5	Time: 2017/05/12 - 02:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2452 by 11n40 Ant1	



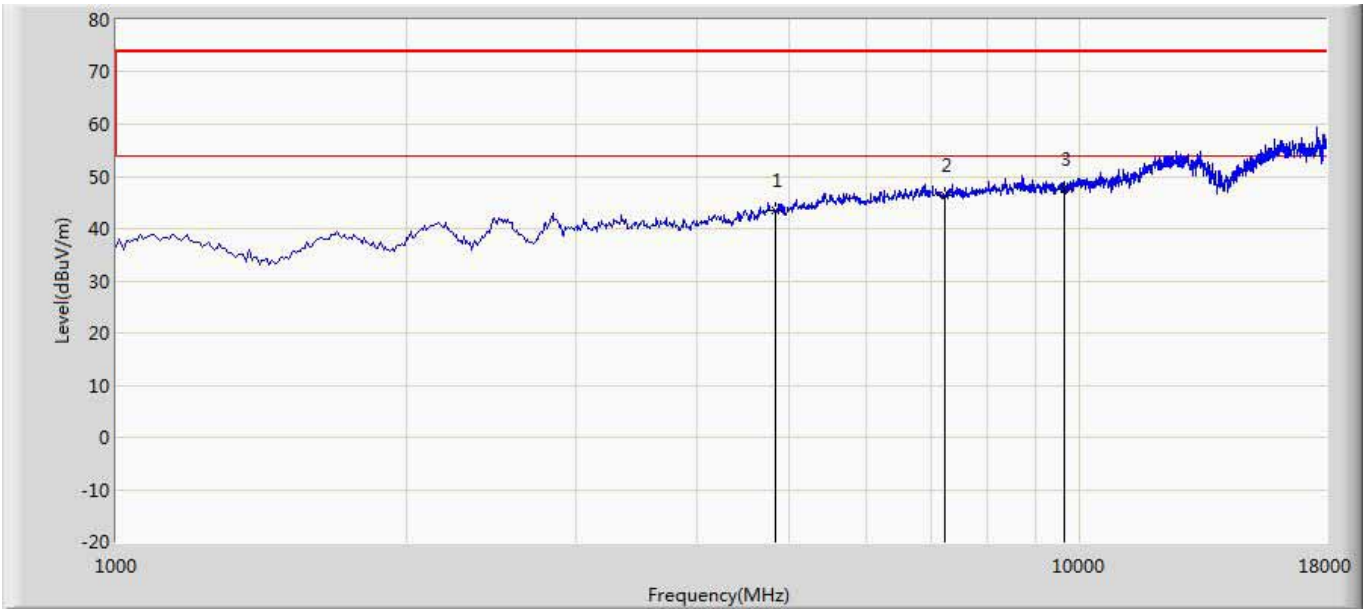
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	43.916	37.491	-30.084	74.000	6.425	PK
2		7356.000	46.884	36.508	-27.116	74.000	10.376	PK
3	*	9808.000	48.066	35.965	-25.934	74.000	12.101	PK

Site: AC5	Time: 2017/05/12 - 03:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2412 by 11nb Ant0+1	



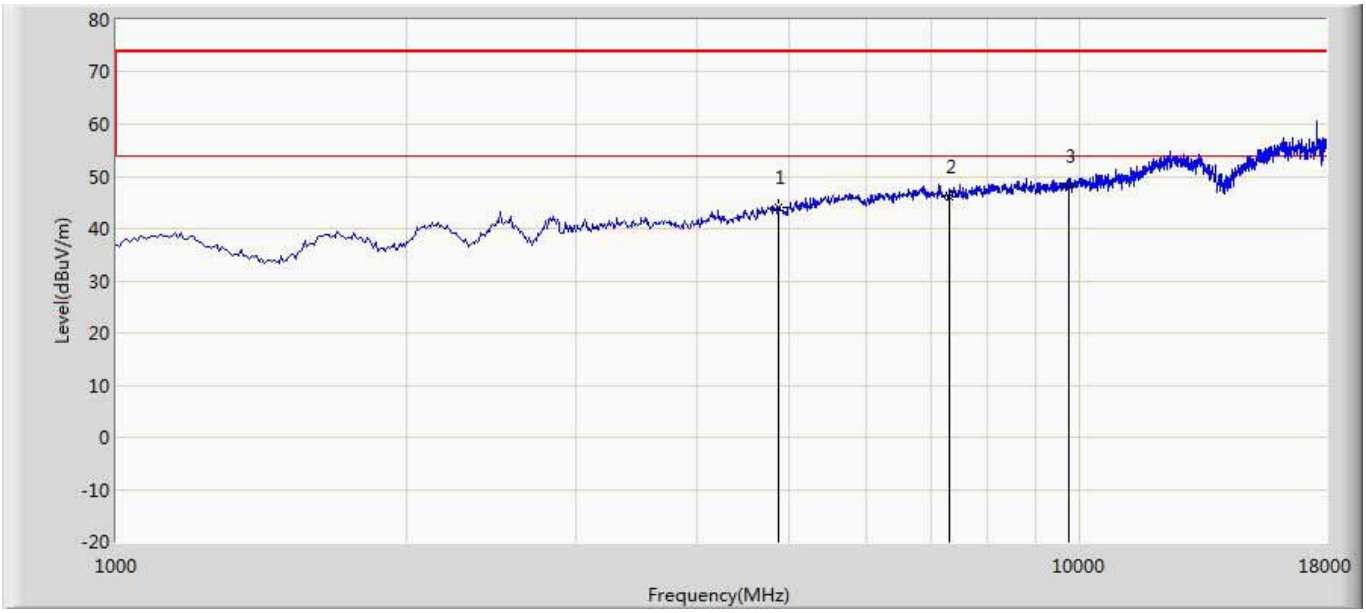
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.815	37.804	-30.185	74.000	6.011	PK
2		7236.000	46.334	36.105	-27.666	74.000	10.228	PK
3	*	9648.000	48.426	36.071	-25.574	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2412 by 11nb Ant0+1	



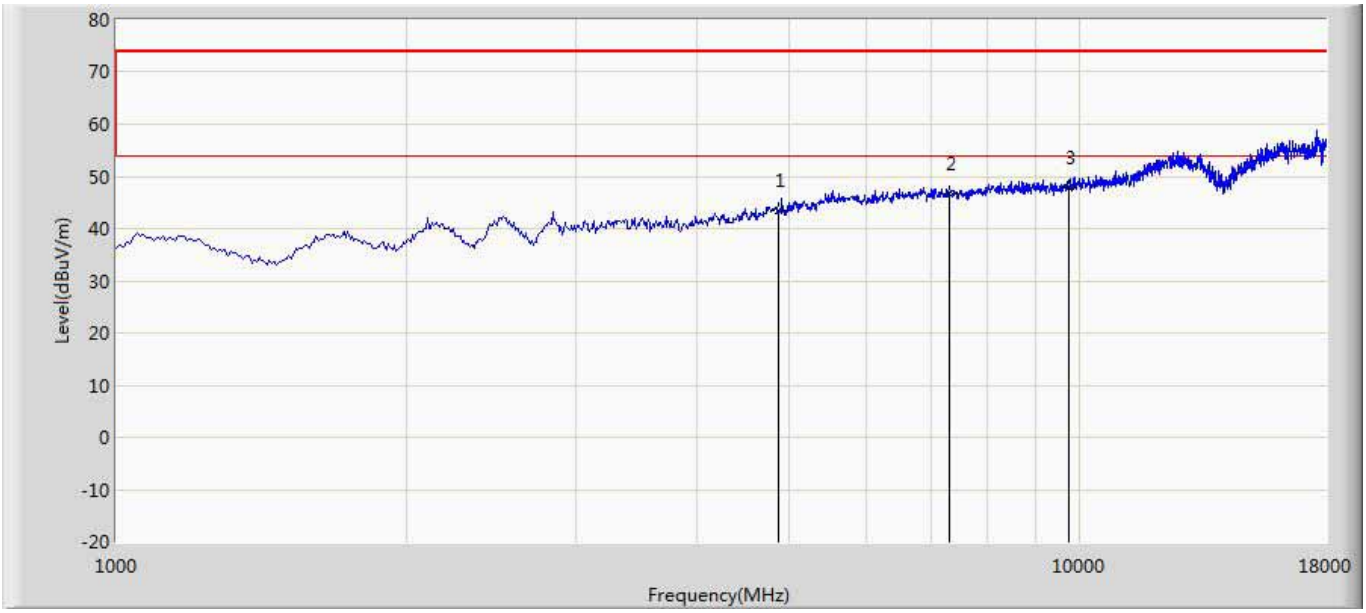
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.408	37.397	-30.592	74.000	6.011	PK
2		7236.000	46.308	36.079	-27.692	74.000	10.228	PK
3	*	9648.000	47.601	35.246	-26.399	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2437 by 11b Ant0+1	



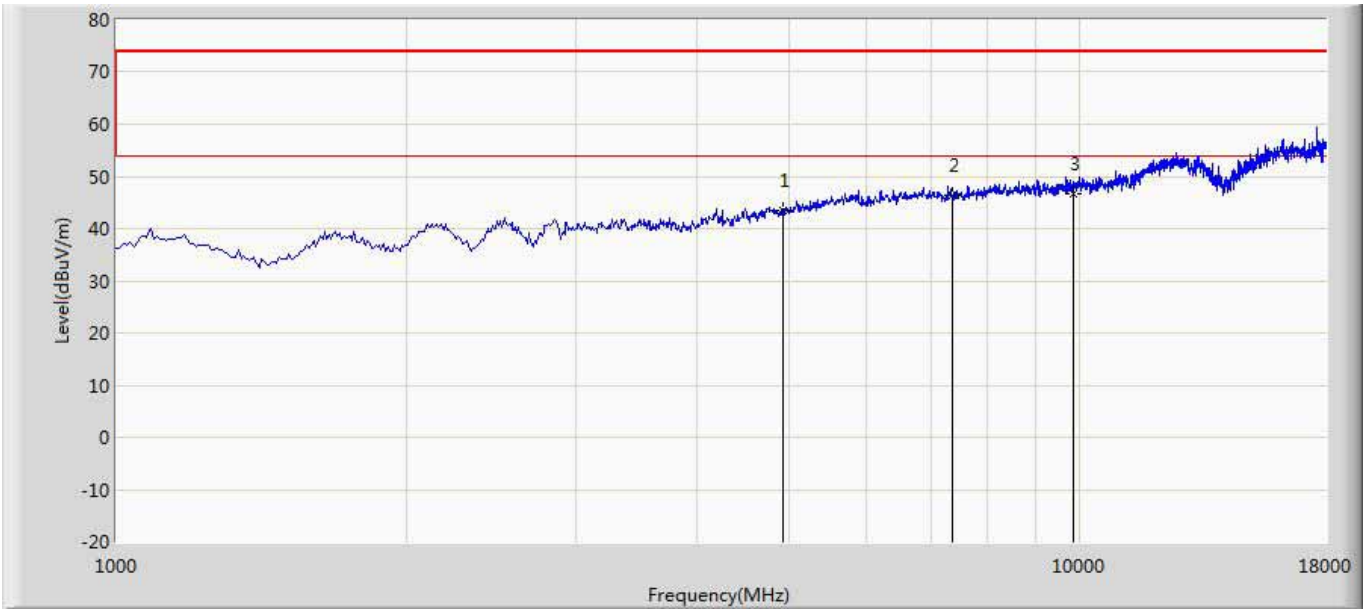
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	44.159	37.805	-29.841	74.000	6.354	PK
2		7311.000	46.192	36.236	-27.808	74.000	9.956	PK
3	*	9748.000	48.148	35.795	-25.852	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2437 by 11b Ant0+1	



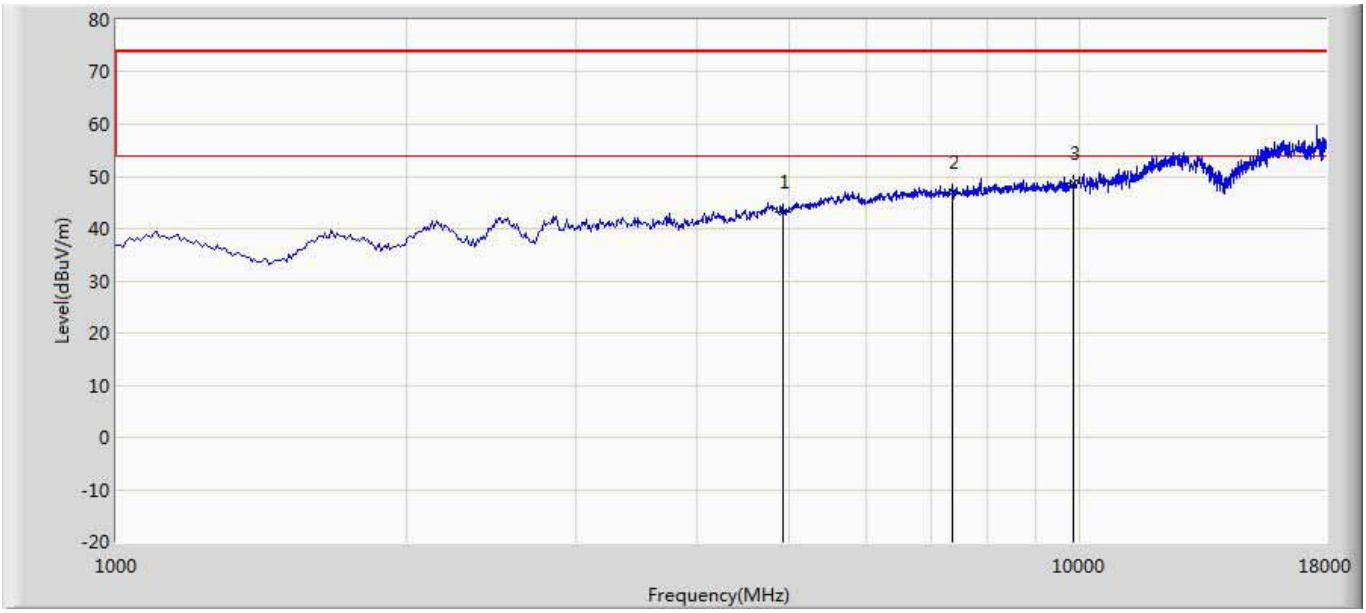
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.468	37.114	-30.532	74.000	6.354	PK
2		7311.000	46.670	36.714	-27.330	74.000	9.956	PK
3	*	9748.000	47.859	35.506	-26.141	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2462 by 11b Ant0+1	



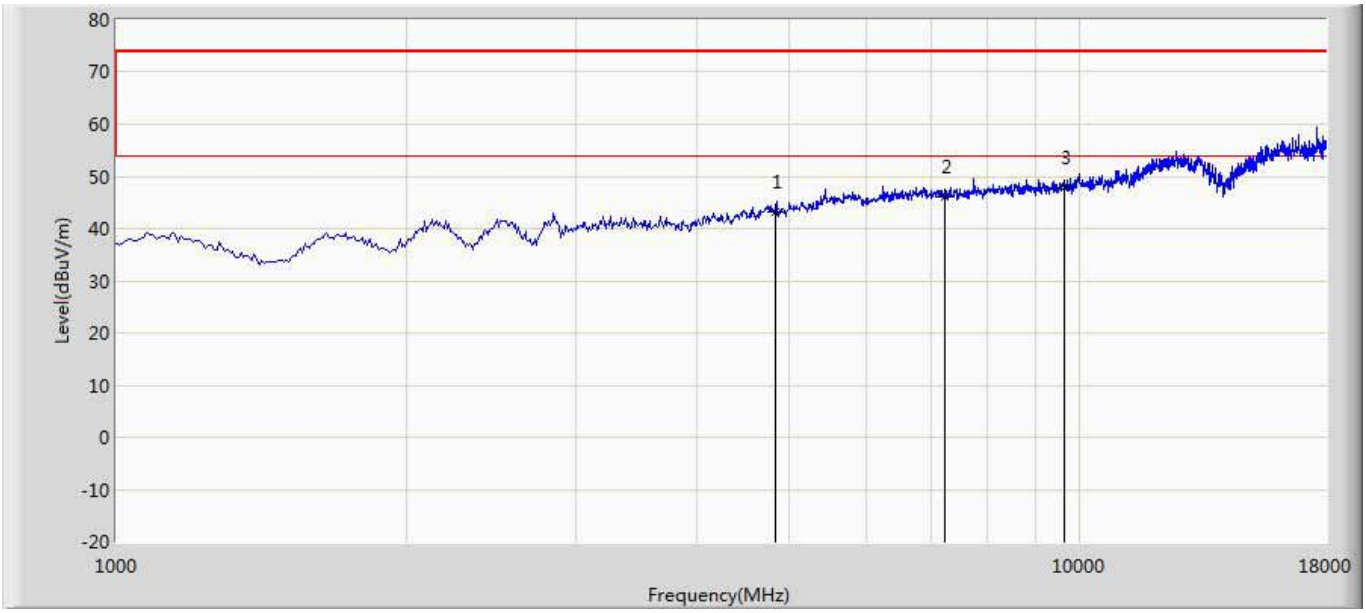
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.454	37.074	-30.546	74.000	6.379	PK
2		7386.000	46.301	36.468	-27.699	74.000	9.833	PK
3	*	9848.000	46.804	33.951	-27.196	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2462 by 11b Ant0+1	



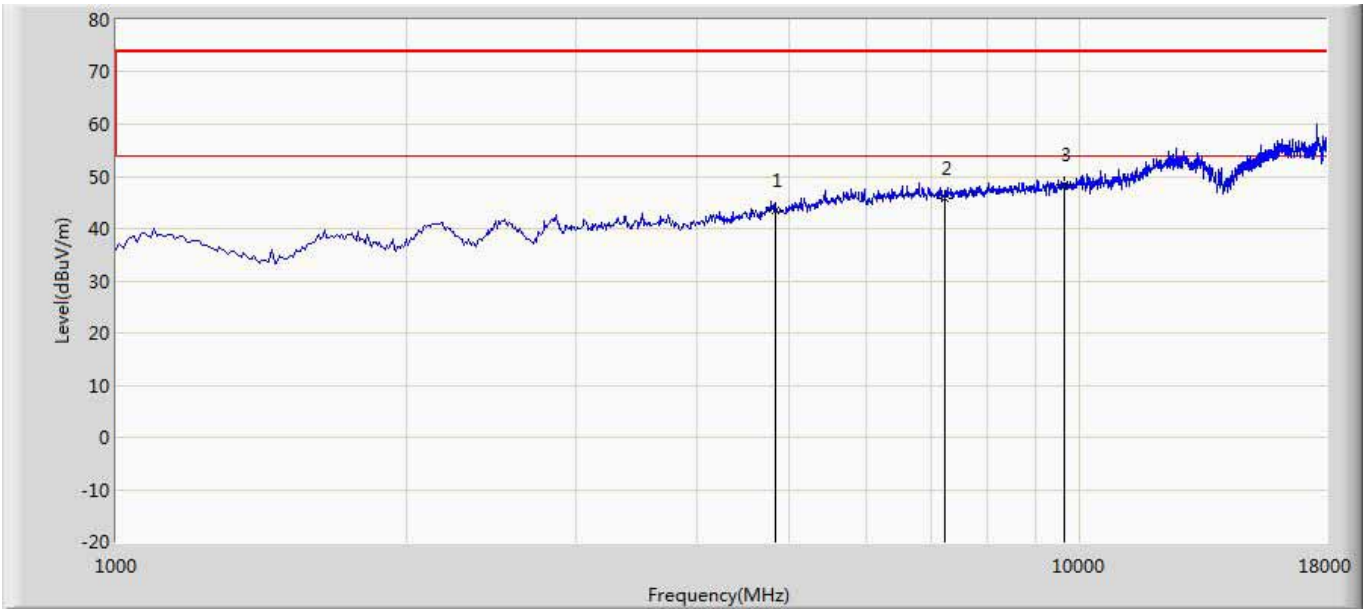
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.090	36.710	-30.910	74.000	6.379	PK
2		7386.000	46.981	37.148	-27.019	74.000	9.833	PK
3	*	9848.000	48.675	35.822	-25.325	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2412 by 11g Ant0+1	



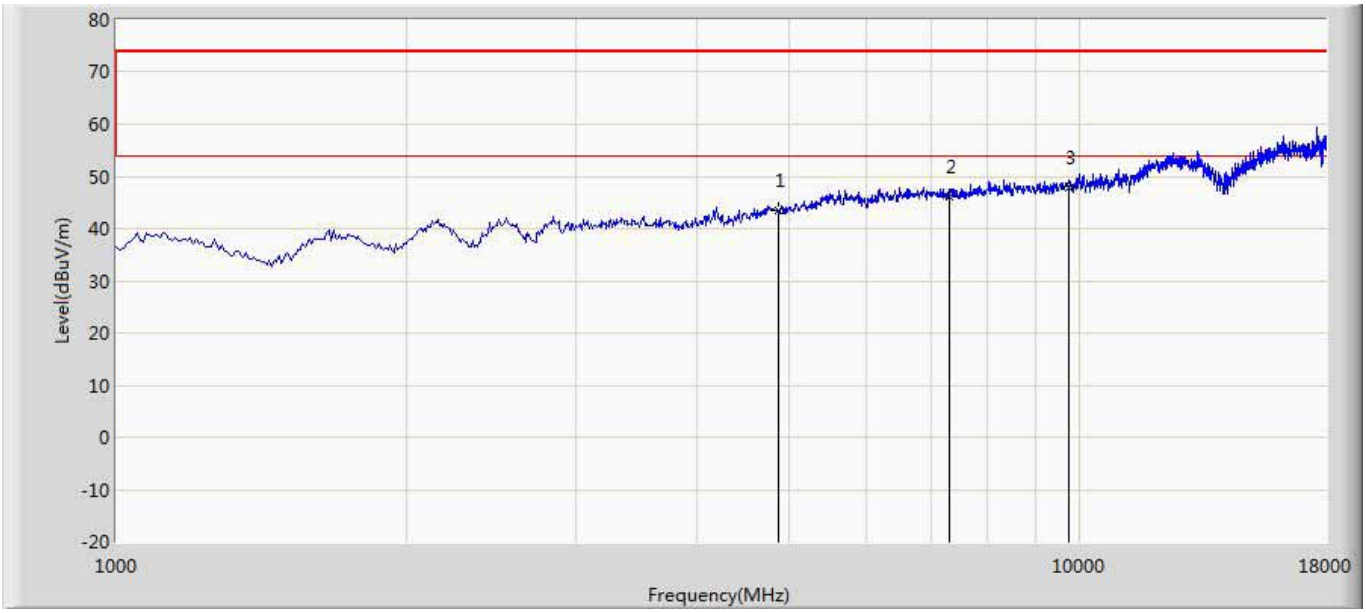
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.279	37.268	-30.721	74.000	6.011	PK
2		7236.000	46.124	35.895	-27.876	74.000	10.228	PK
3	*	9648.000	47.894	35.539	-26.106	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2412 by 11g Ant0+1	



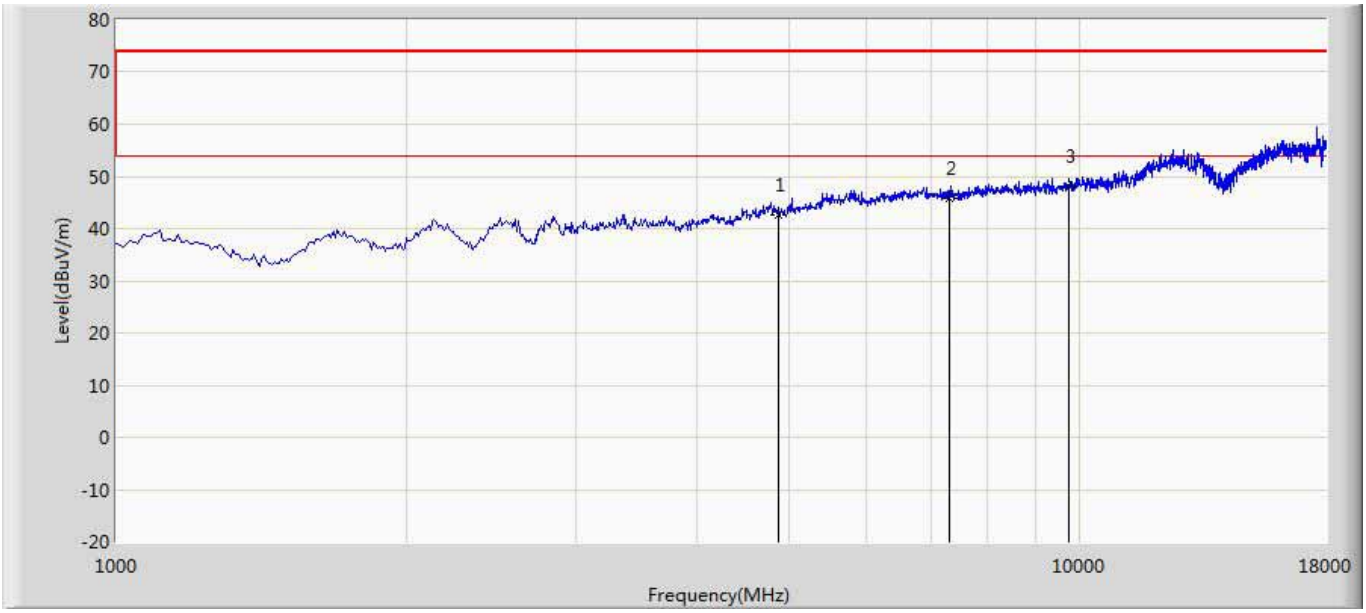
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.344	37.333	-30.656	74.000	6.011	PK
2		7236.000	45.784	35.555	-28.216	74.000	10.228	PK
3	*	9648.000	48.518	36.163	-25.482	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2437 by 11g Ant0+1	



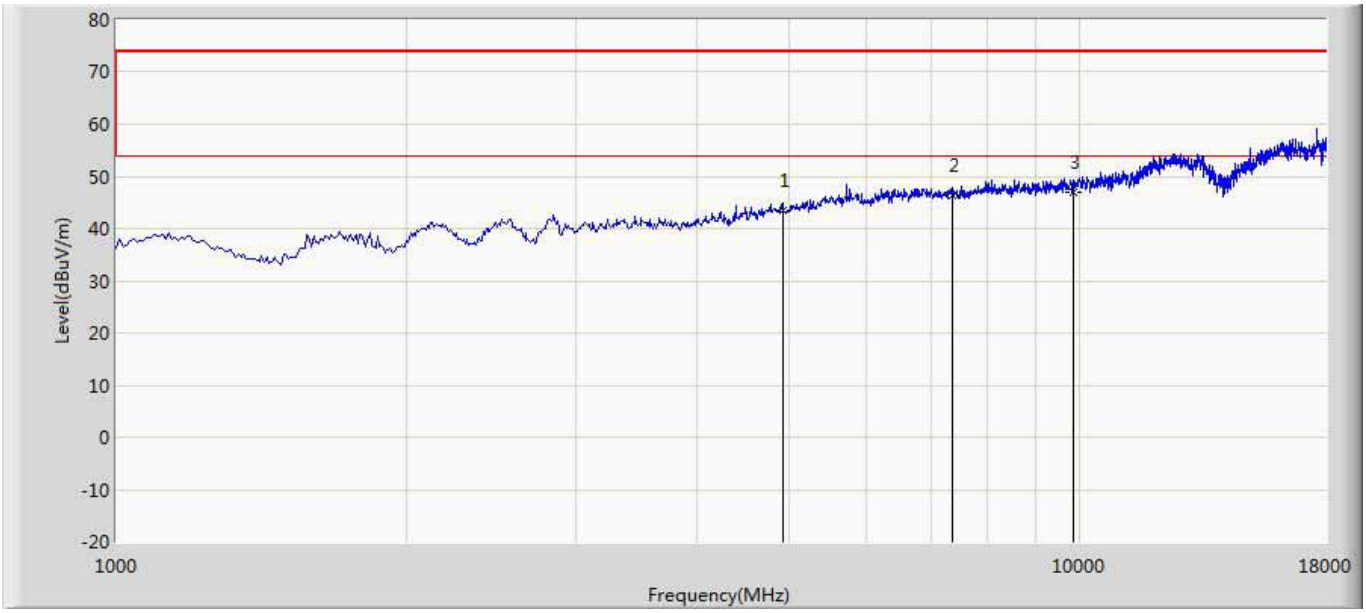
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.547	37.193	-30.453	74.000	6.354	PK
2		7311.000	46.179	36.223	-27.821	74.000	9.956	PK
3	*	9748.000	47.963	35.610	-26.037	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2437 by 11g Ant0+1	



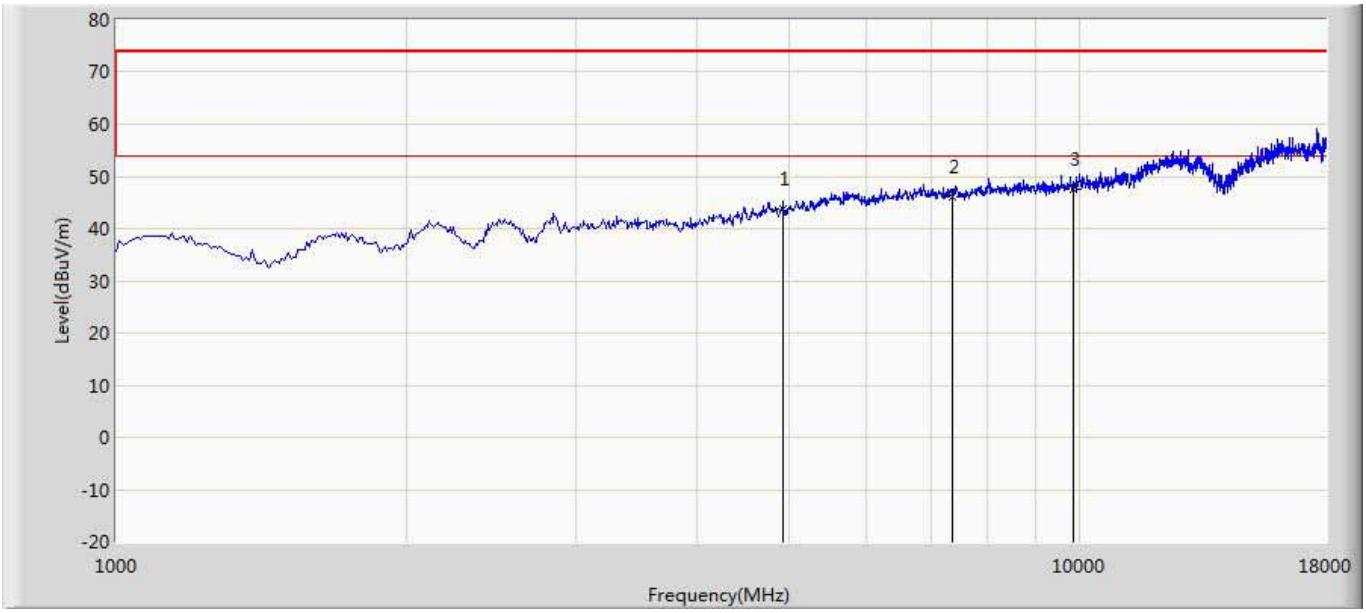
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.573	36.219	-31.427	74.000	6.354	PK
2		7311.000	45.894	35.938	-28.106	74.000	9.956	PK
3	*	9748.000	48.254	35.901	-25.746	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2462 by 11g Ant0+1	



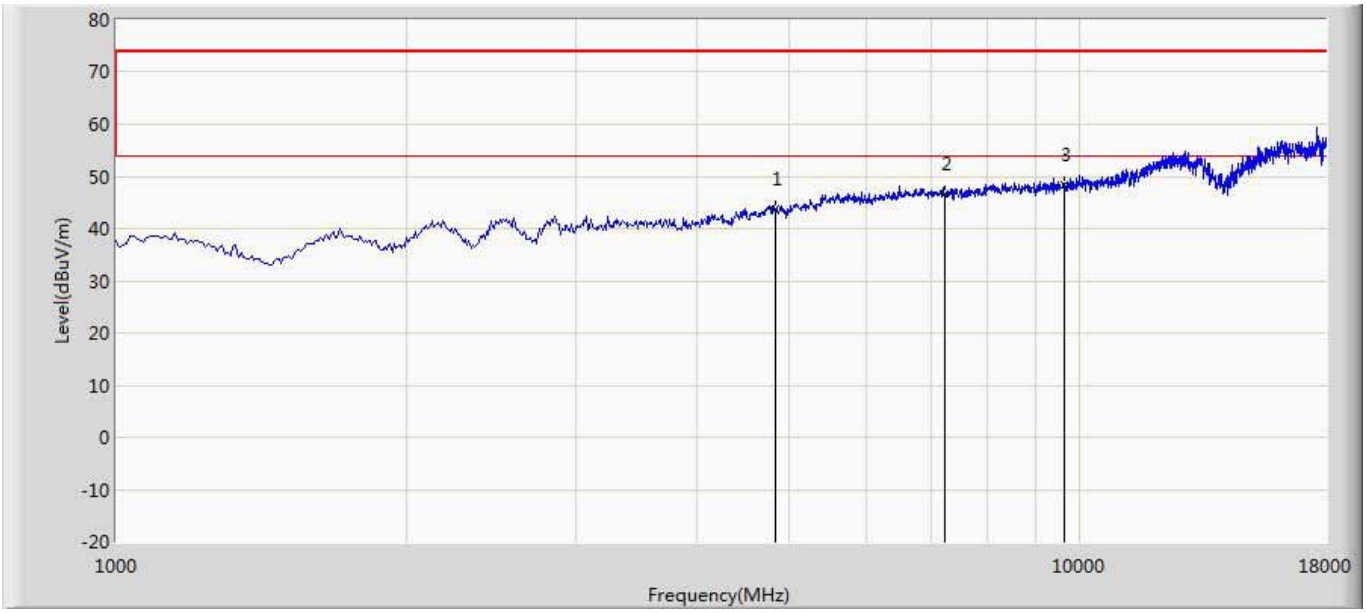
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.556	37.176	-30.444	74.000	6.379	PK
2		7386.000	46.376	36.543	-27.624	74.000	9.833	PK
3	*	9848.000	46.919	34.066	-27.081	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2462 by 11g Ant0+1	



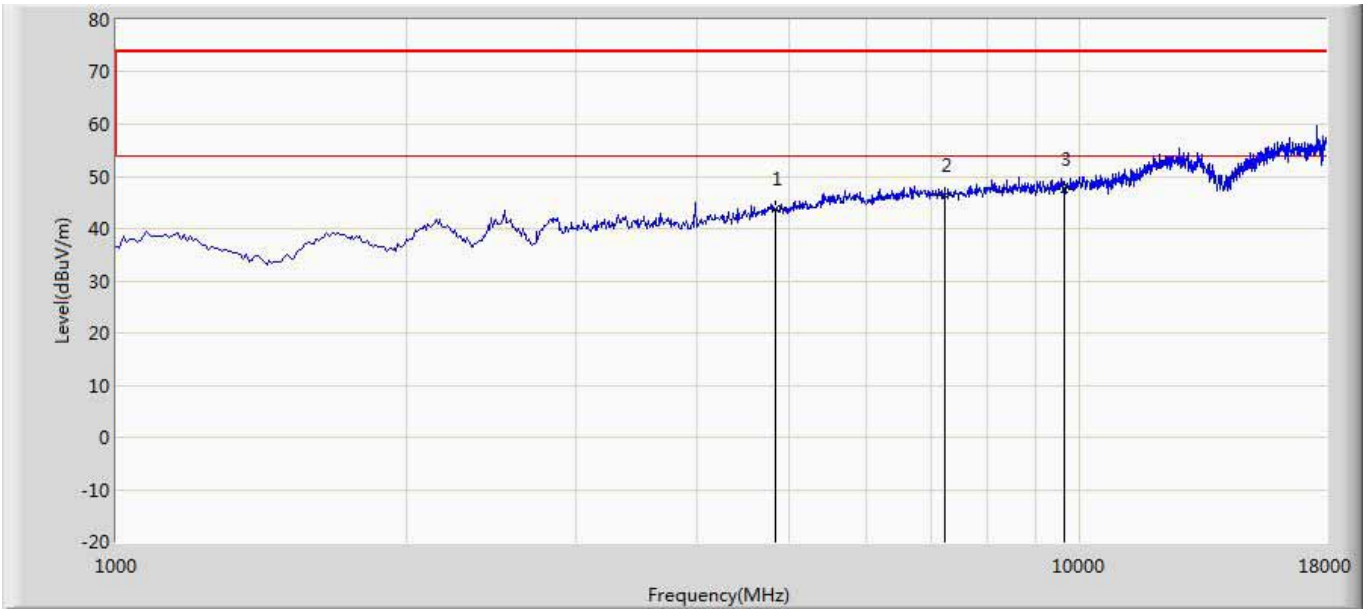
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.811	37.431	-30.189	74.000	6.379	PK
2		7386.000	46.018	36.185	-27.982	74.000	9.833	PK
3	*	9848.000	47.434	34.581	-26.566	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2412 by 11n20 Ant0+1	



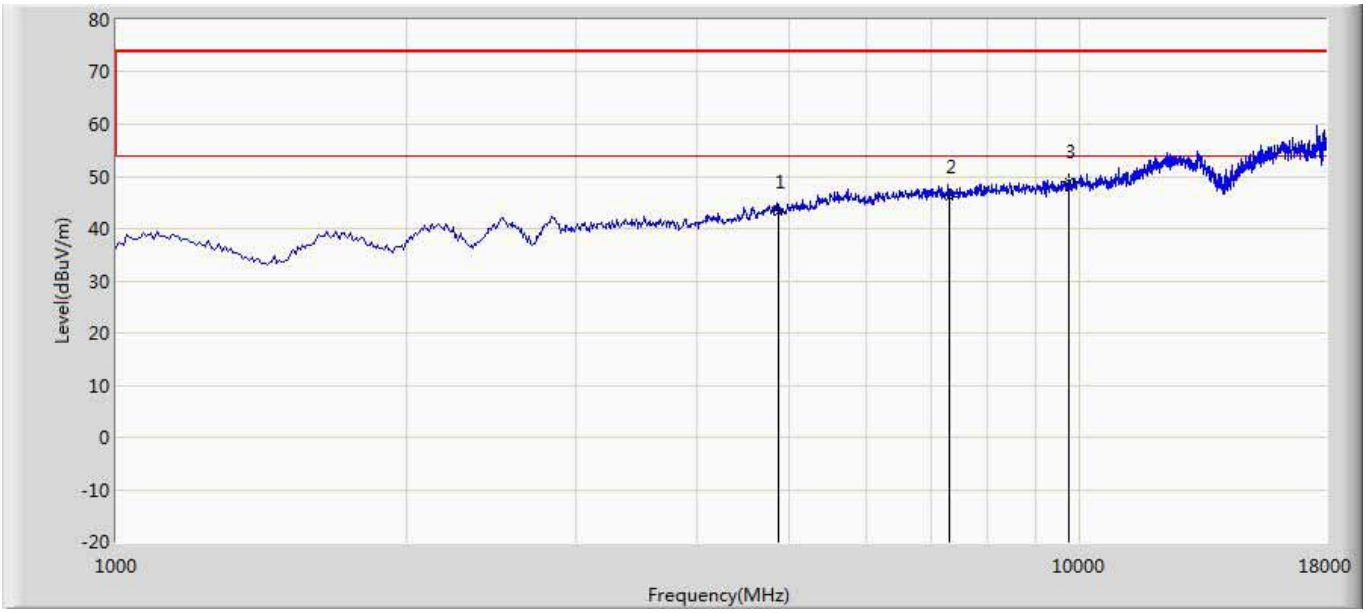
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.740	37.729	-30.260	74.000	6.011	PK
2		7236.000	46.603	36.374	-27.397	74.000	10.228	PK
3	*	9648.000	48.284	35.929	-25.716	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2412 by 11n20 Ant0+1	



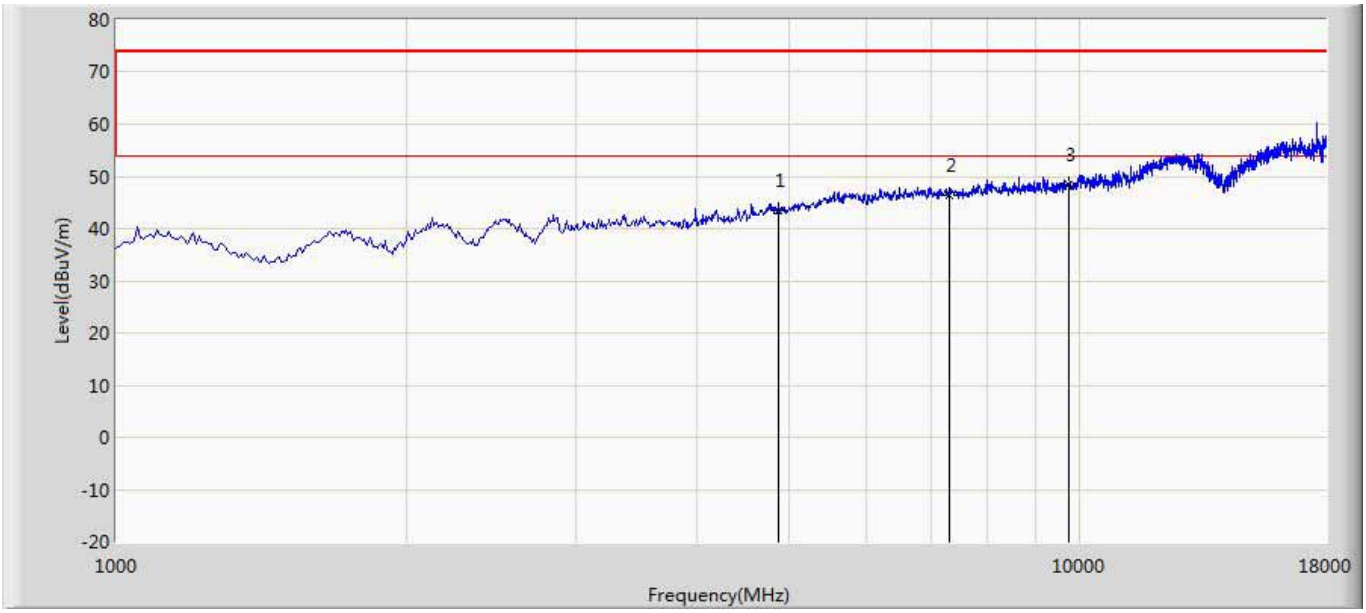
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.903	37.892	-30.097	74.000	6.011	PK
2		7236.000	46.425	36.196	-27.575	74.000	10.228	PK
3	*	9648.000	47.607	35.252	-26.393	74.000	12.356	PK

Site: AC5	Time: 2017/05/12 - 03:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2437 by 11n20 Ant0+1	



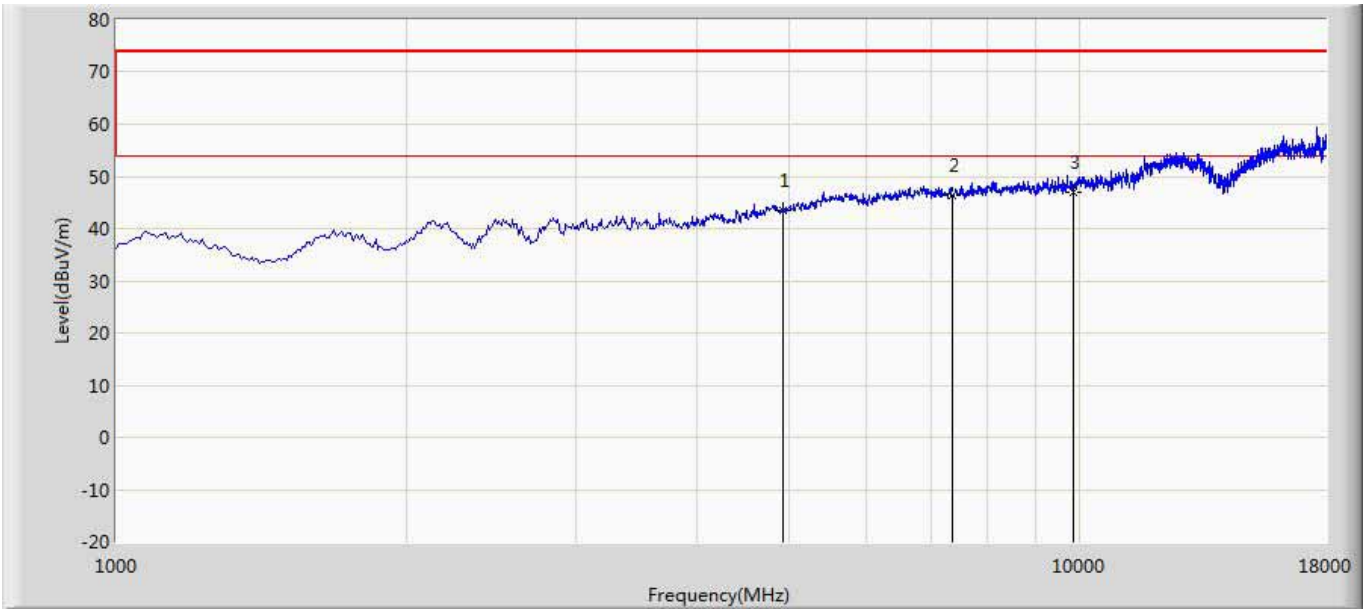
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.066	36.712	-30.934	74.000	6.354	PK
2		7311.000	46.107	36.151	-27.893	74.000	9.956	PK
3	*	9748.000	48.875	36.522	-25.125	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2437 by 11n20 Ant0+1	



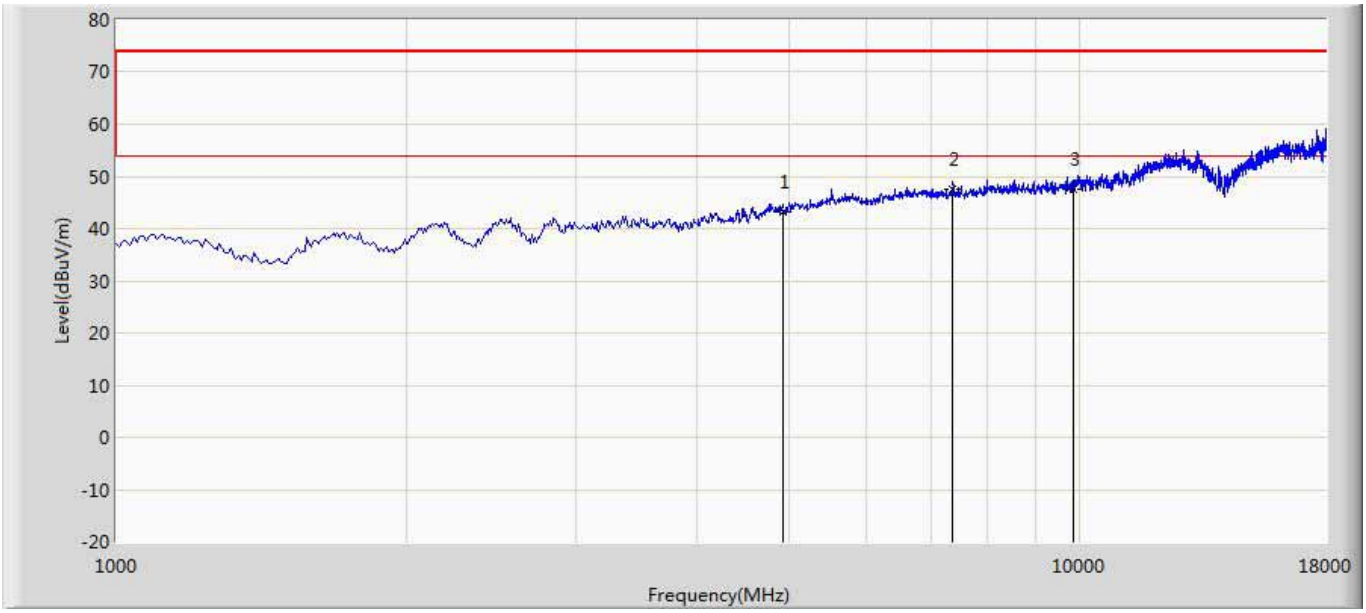
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.411	37.057	-30.589	74.000	6.354	PK
2		7311.000	46.384	36.428	-27.616	74.000	9.956	PK
3	*	9748.000	48.431	36.078	-25.569	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2462 by 11n20 Ant0+1	



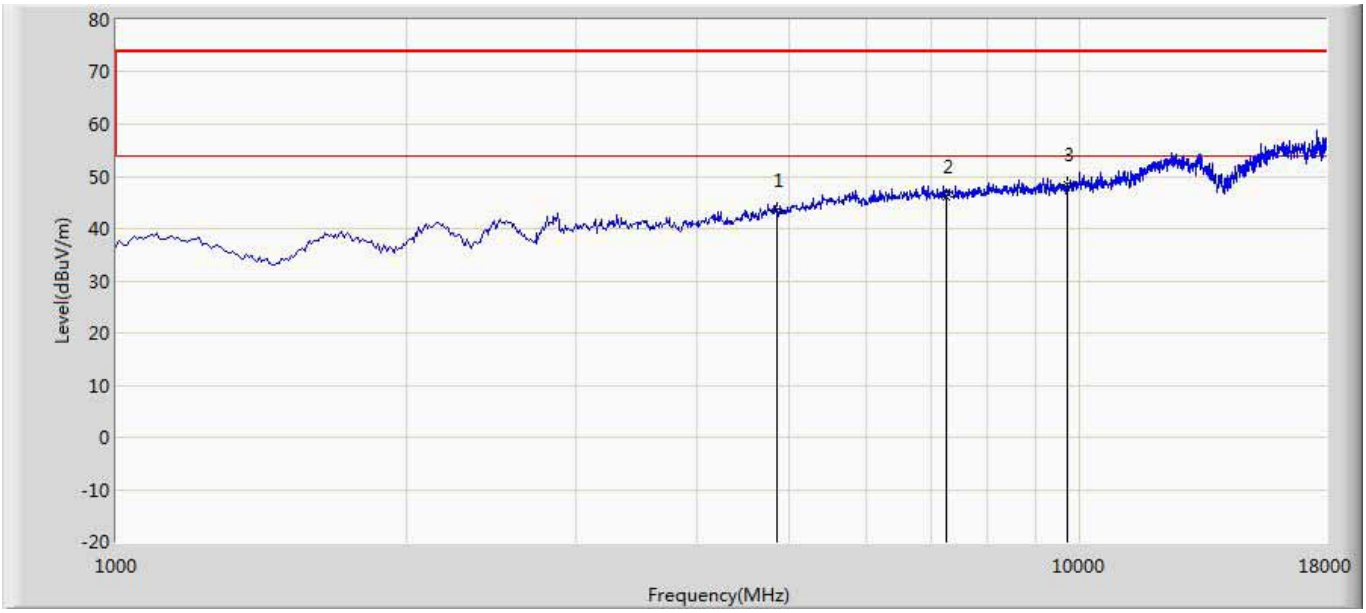
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.499	37.119	-30.501	74.000	6.379	PK
2		7386.000	46.409	36.576	-27.591	74.000	9.833	PK
3	*	9848.000	46.995	34.142	-27.005	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2462 by 11n20 Ant0+1	



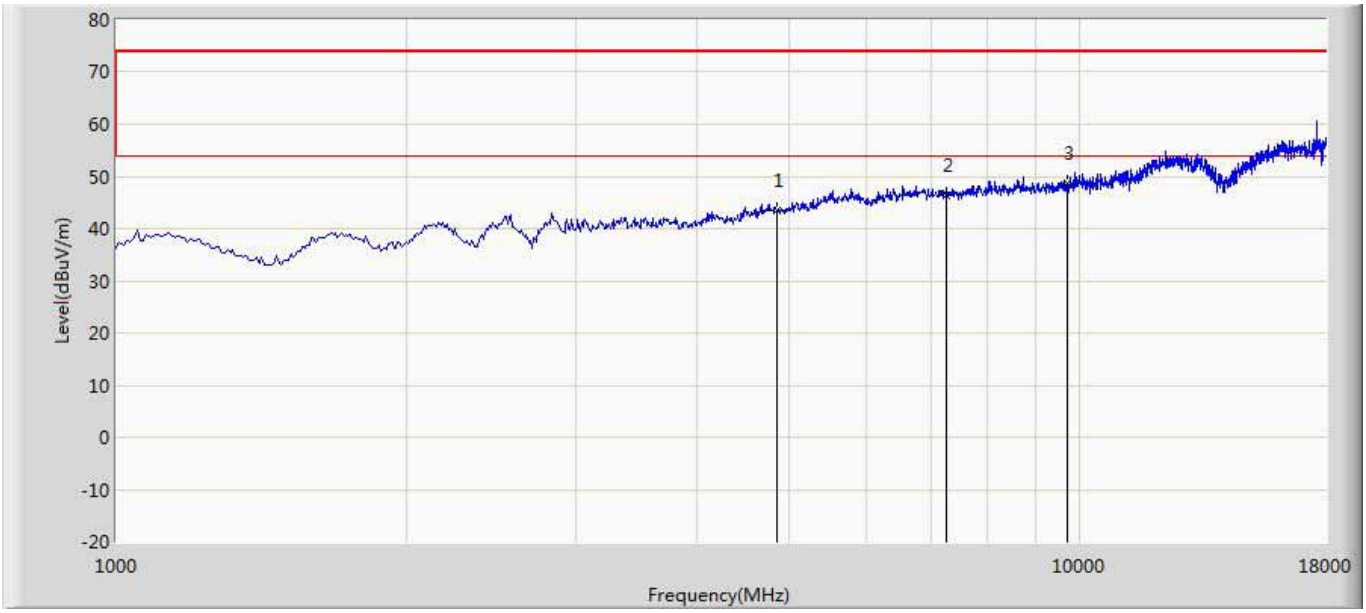
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.316	36.936	-30.684	74.000	6.379	PK
2	*	7386.000	47.633	37.800	-26.367	74.000	9.833	PK
3		9848.000	47.486	34.633	-26.514	74.000	12.853	PK

Site: AC5	Time: 2017/05/12 - 03:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2422 by 11n40 Ant0+1	



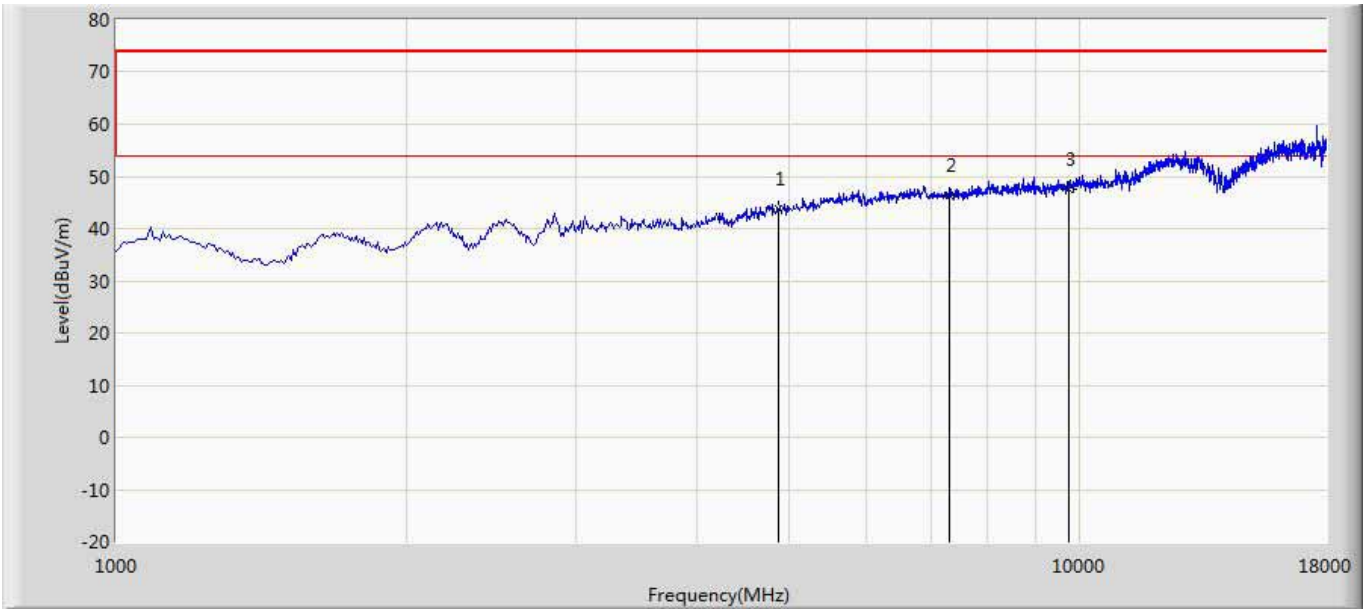
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.432	37.191	-30.568	74.000	6.241	PK
2		7266.000	46.204	36.197	-27.796	74.000	10.006	PK
3	*	9688.000	48.363	35.243	-25.637	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 03:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2422 by 11n40 Ant0+1	



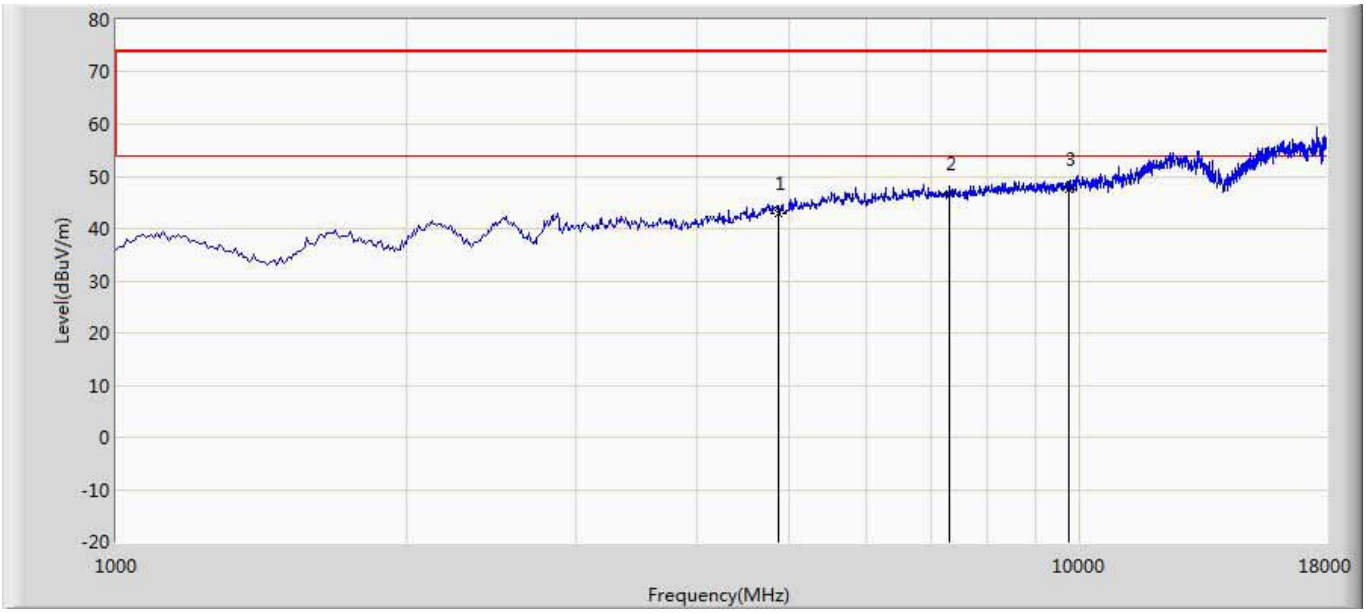
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.363	37.122	-30.637	74.000	6.241	PK
2		7266.000	46.368	36.361	-27.632	74.000	10.006	PK
3	*	9688.000	48.749	35.629	-25.251	74.000	13.120	PK

Site: AC5	Time: 2017/05/12 - 03:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2437 by 11n40 Ant0+1	



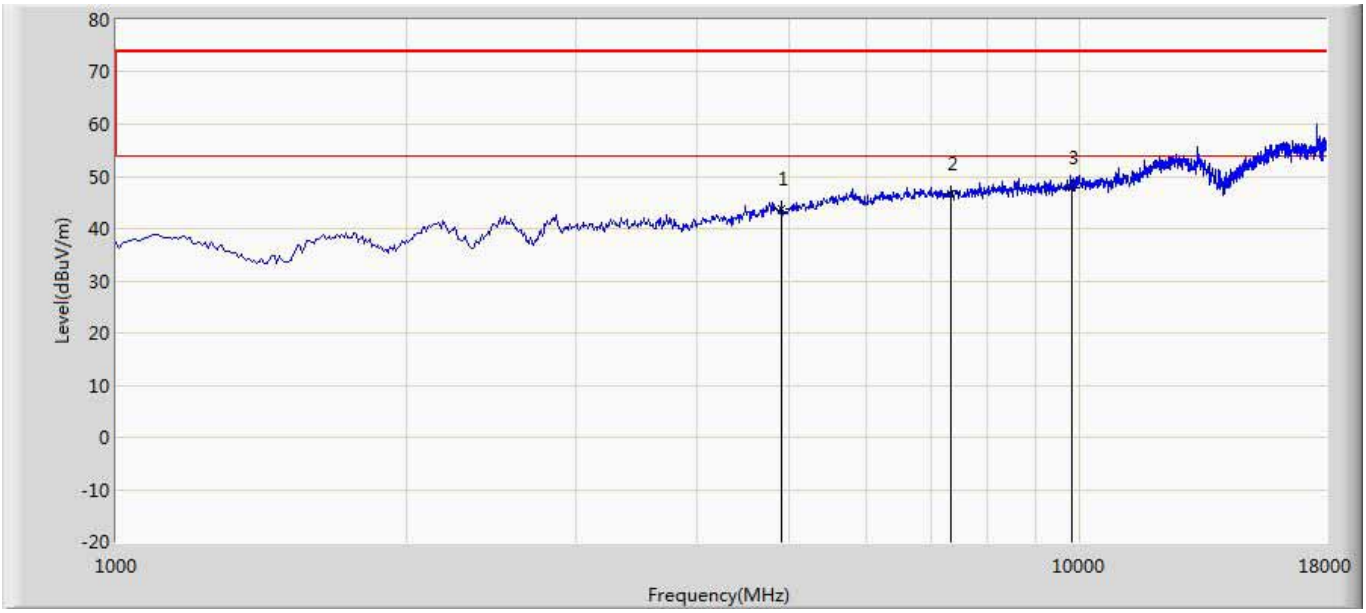
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.706	37.352	-30.294	74.000	6.354	PK
2		7311.000	46.234	36.278	-27.766	74.000	9.956	PK
3	*	9748.000	47.412	35.059	-26.588	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2437 by 11n40 Ant0+1	



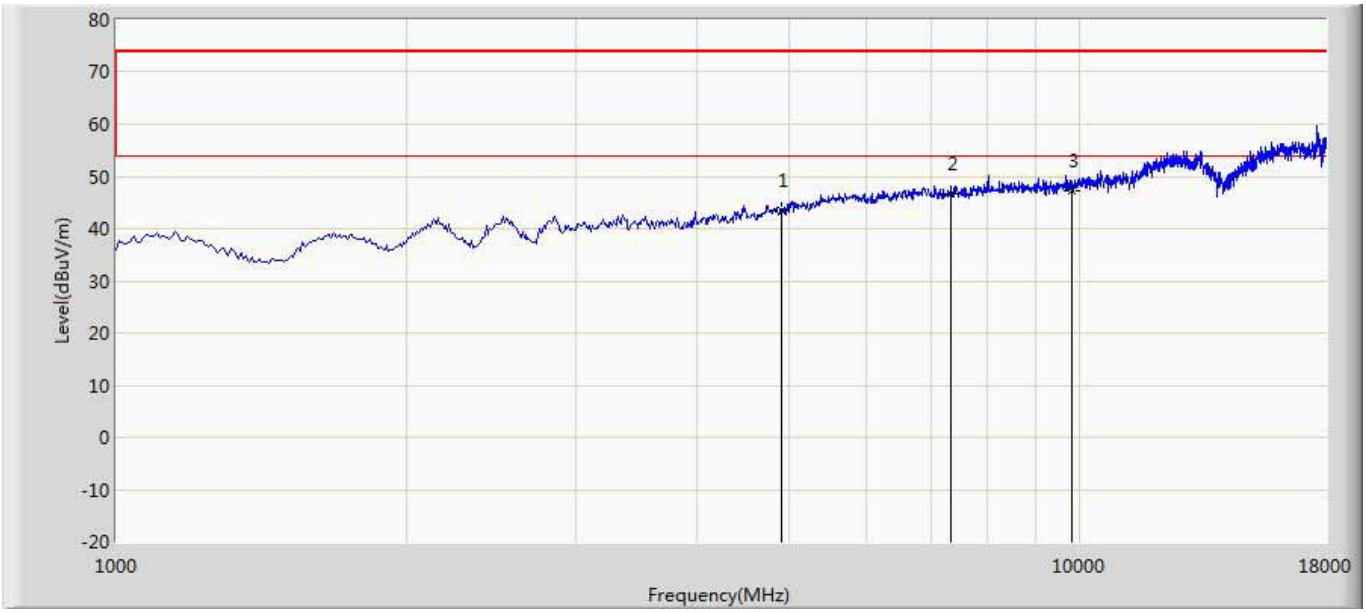
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.999	36.645	-31.001	74.000	6.354	PK
2		7311.000	46.597	36.641	-27.403	74.000	9.956	PK
3	*	9748.000	47.624	35.271	-26.376	74.000	12.353	PK

Site: AC5	Time: 2017/05/12 - 03:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2452 by 11n40 Ant0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	43.831	37.406	-30.169	74.000	6.425	PK
2		7356.000	46.756	36.380	-27.244	74.000	10.376	PK
3	*	9808.000	47.816	35.715	-26.184	74.000	12.101	PK

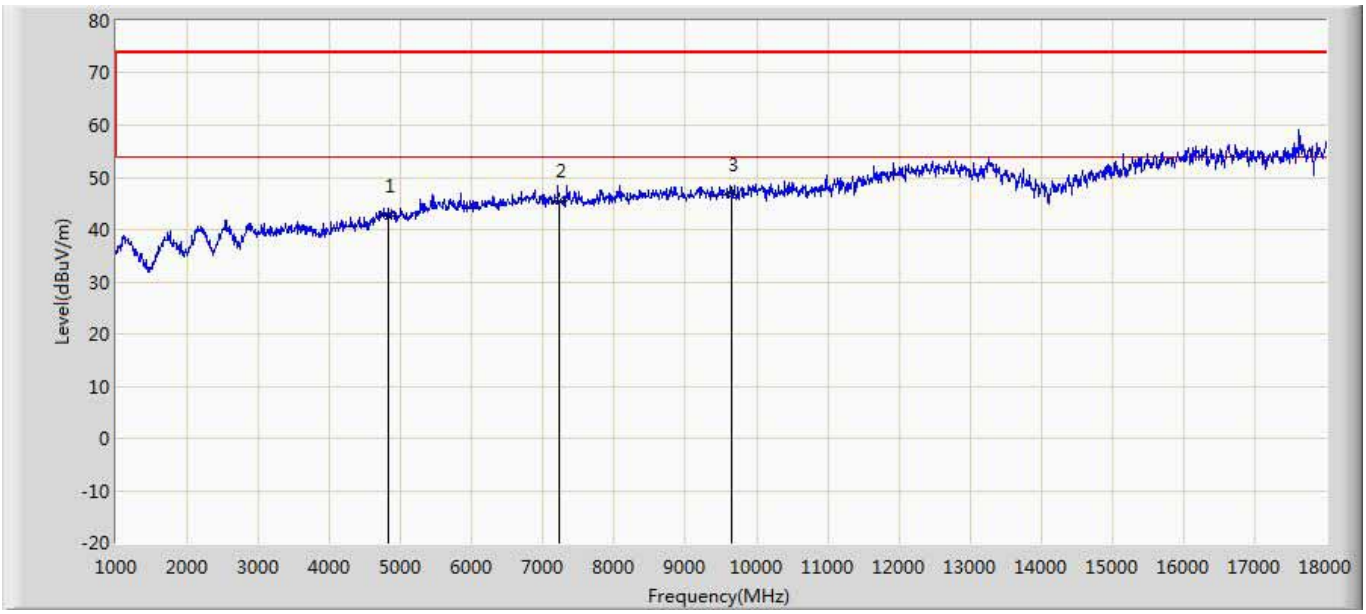
Site: AC5	Time: 2017/05/12 - 03:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2452 by 11n40 Ant0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	43.550	37.125	-30.450	74.000	6.425	PK
2		7356.000	46.739	36.363	-27.261	74.000	10.376	PK
3	*	9808.000	47.303	35.202	-26.697	74.000	12.101	PK

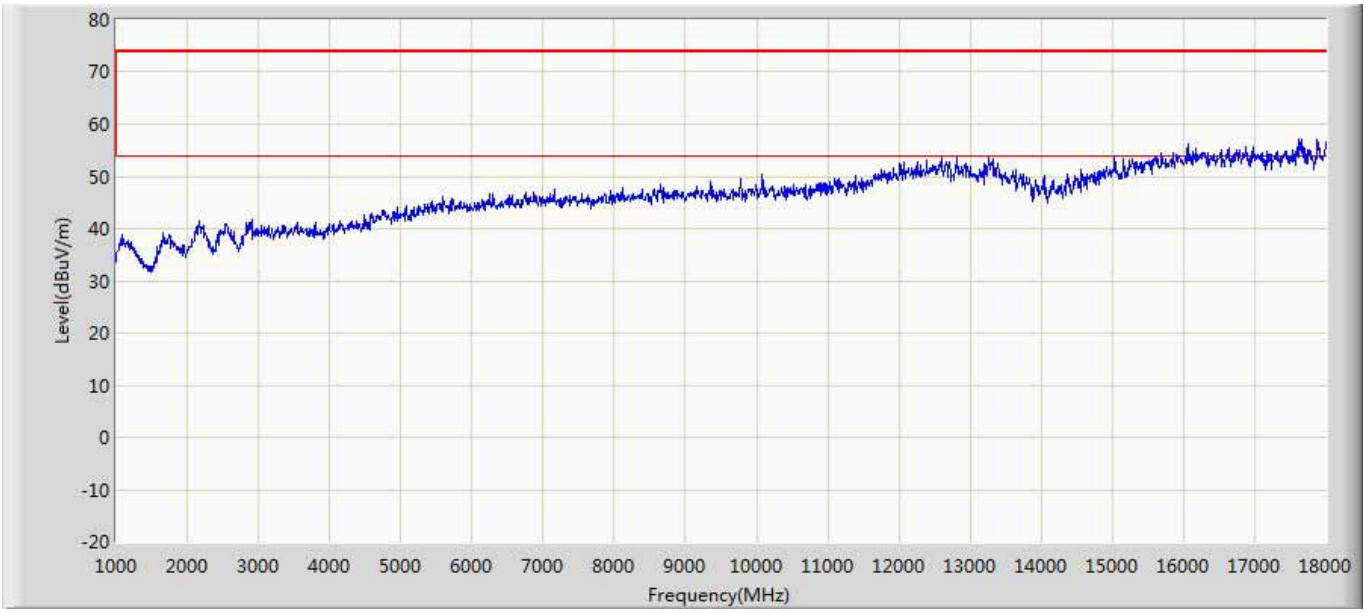
Dipole antenna:

Site: AC5	Time: 2017/05/07 - 14:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2412 by 11b Ant0	



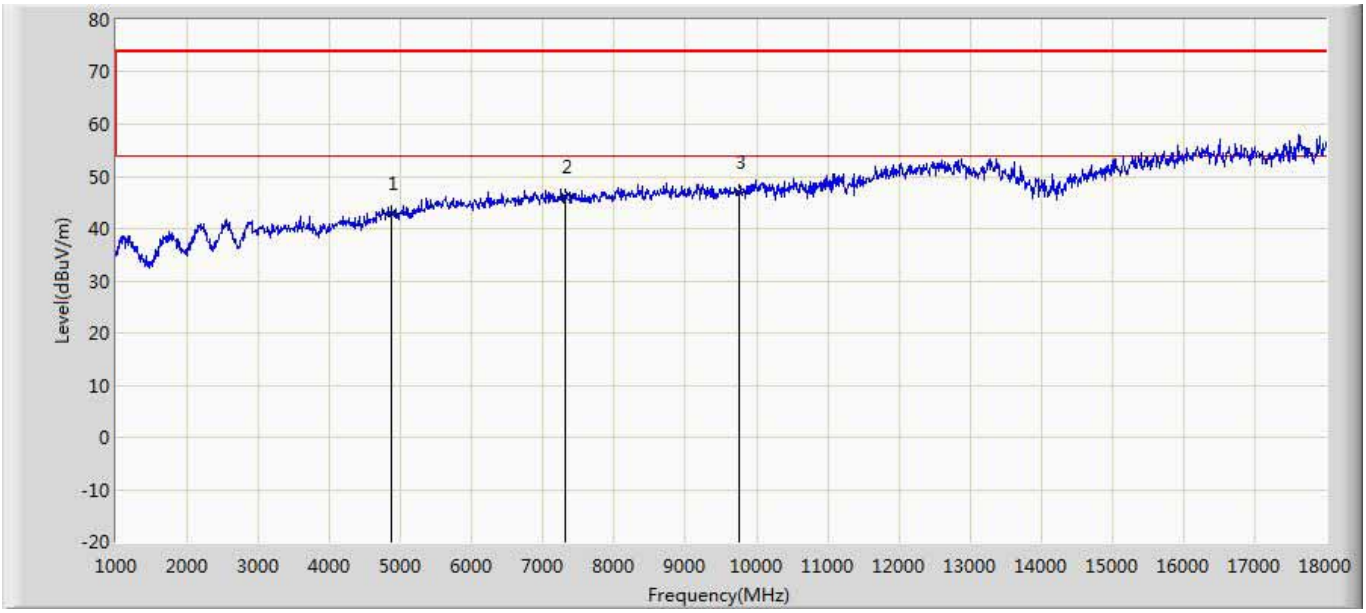
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.702	36.691	-31.298	74.000	6.011	PK
2		7236.000	45.467	35.238	-28.533	74.000	10.228	PK
3	*	9648.000	46.571	34.216	-27.429	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 15:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2412 by 11b Ant0	



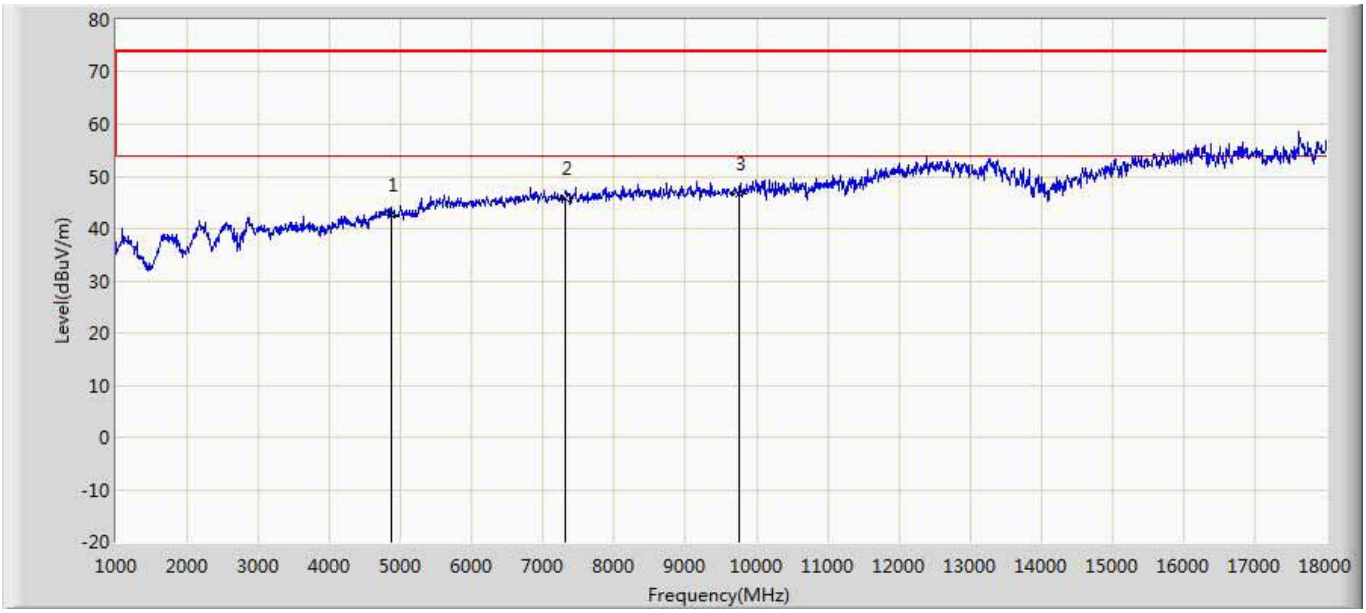
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type

Site: AC5	Time: 2017/05/07 - 15:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2437 by 11b Ant0	



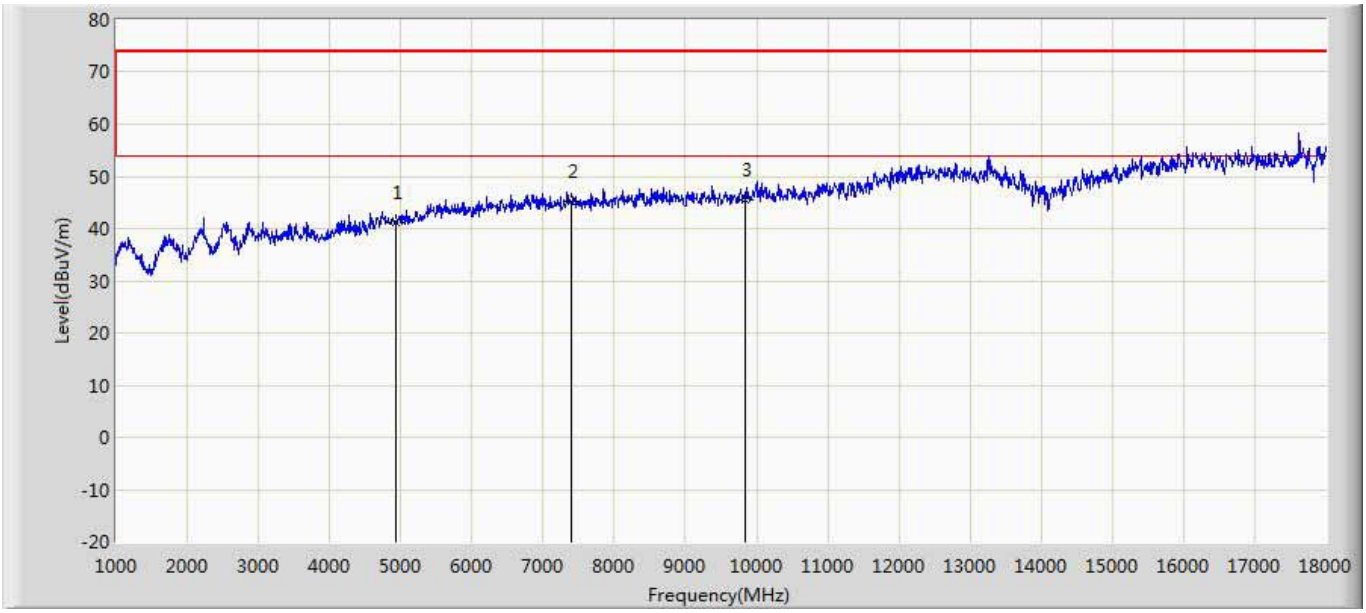
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.036	36.682	-30.964	74.000	6.354	PK
2		7311.000	46.090	36.134	-27.910	74.000	9.956	PK
3	*	9748.000	46.925	34.572	-27.075	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2437 by 11b Ant0	



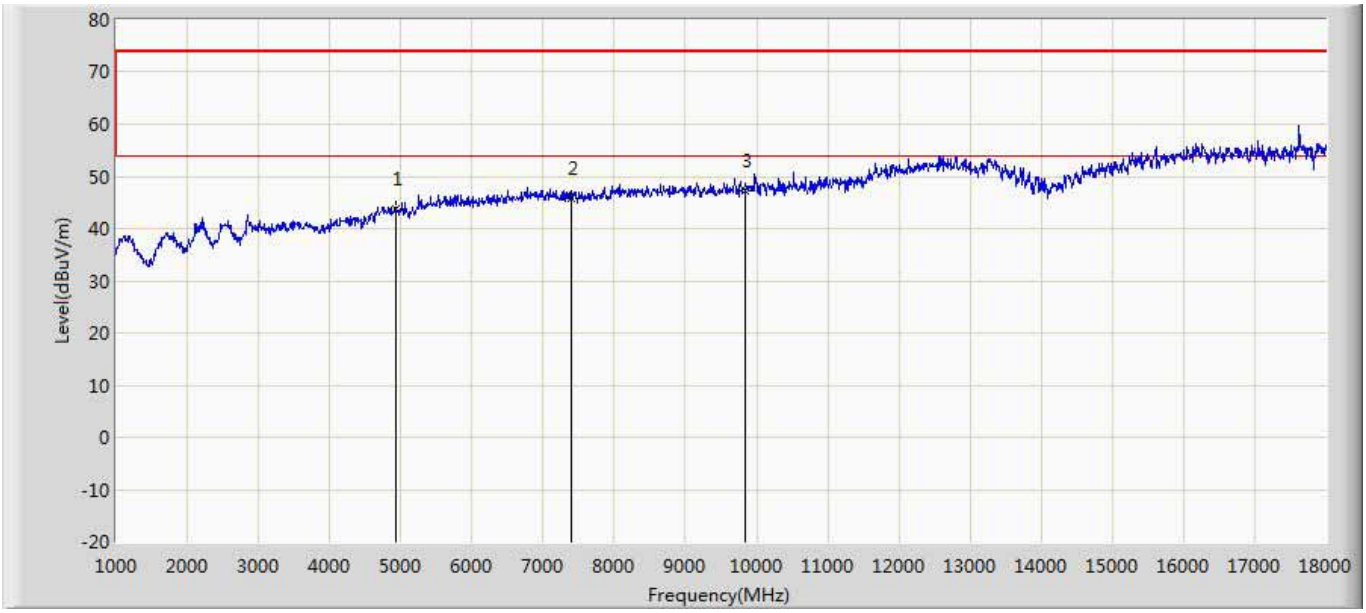
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.472	36.118	-31.528	74.000	6.354	PK
2		7311.000	45.687	35.731	-28.313	74.000	9.956	PK
3	*	9748.000	46.787	34.434	-27.213	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2462 by 11b Ant0	



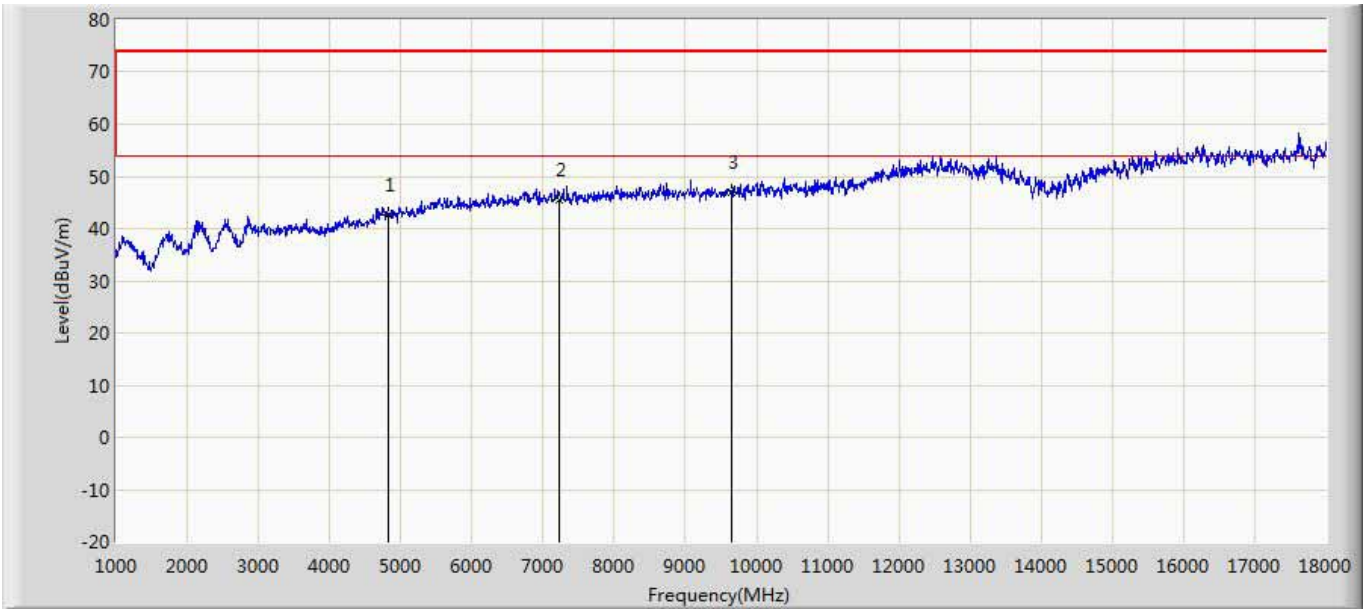
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.300	34.920	-32.700	74.000	6.379	PK
2		7386.000	45.192	35.359	-28.808	74.000	9.833	PK
3	*	9848.000	45.447	32.594	-28.553	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 15:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 2462 by 11b Ant0	



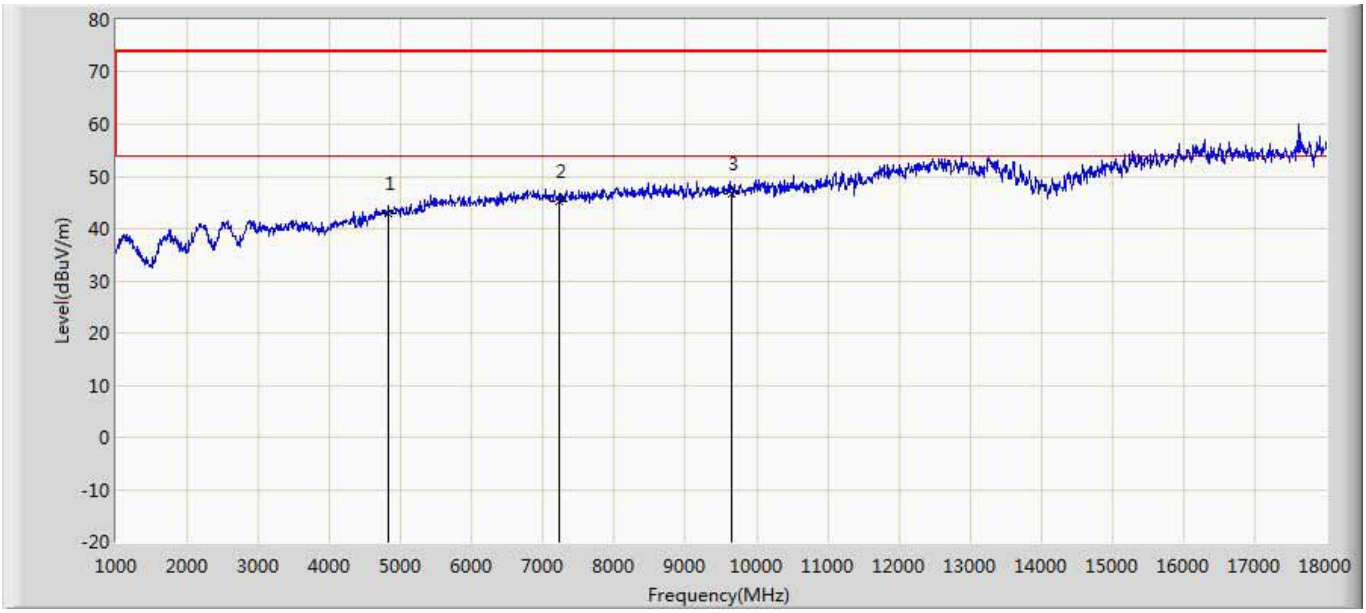
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.787	37.407	-30.213	74.000	6.379	PK
2		7386.000	45.819	35.986	-28.181	74.000	9.833	PK
3	*	9848.000	47.164	34.311	-26.836	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 15:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2412 by 11g Ant0	



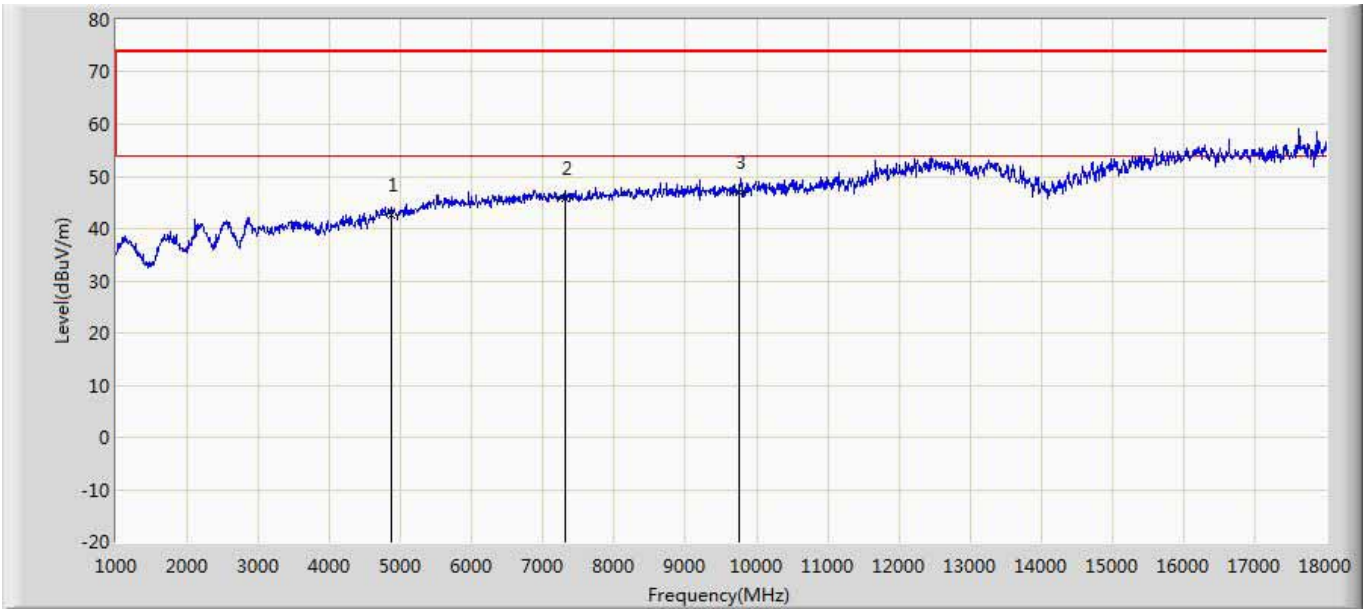
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.606	36.595	-31.394	74.000	6.011	PK
2		7236.000	45.633	35.404	-28.367	74.000	10.228	PK
3	*	9648.000	47.073	34.718	-26.927	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 15:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2412 by 11g Ant0	



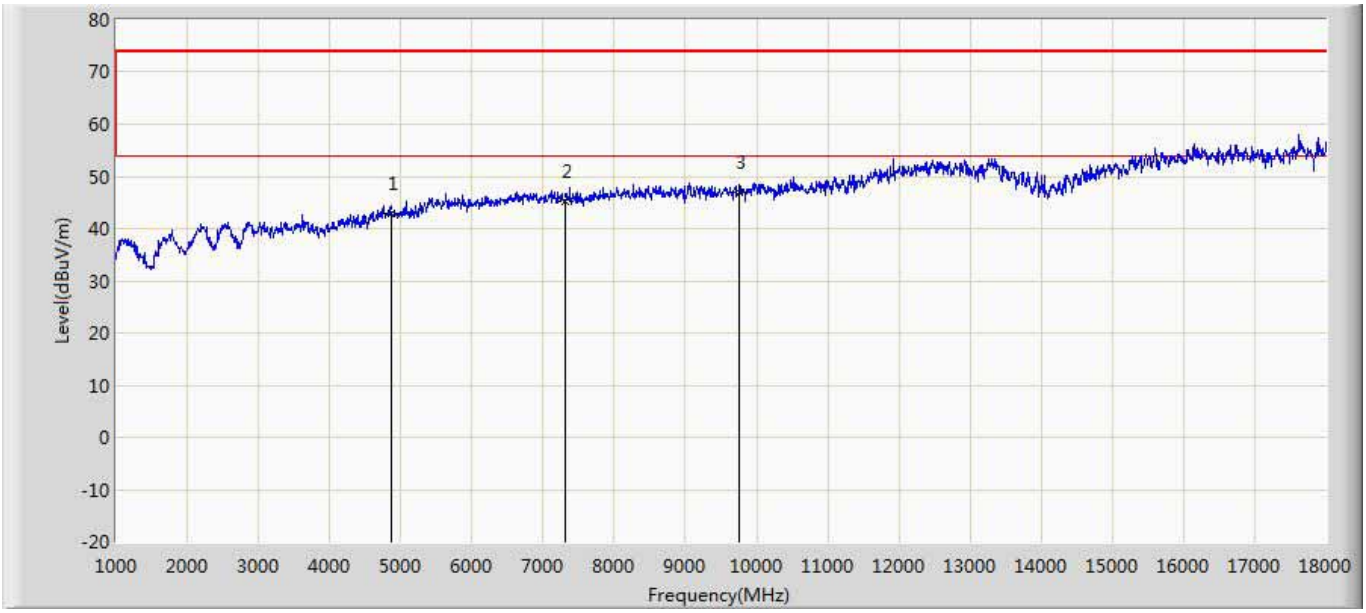
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.915	36.904	-31.085	74.000	6.011	PK
2		7236.000	45.191	34.962	-28.809	74.000	10.228	PK
3	*	9648.000	46.765	34.410	-27.235	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 15:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2437 by 11g Ant0	



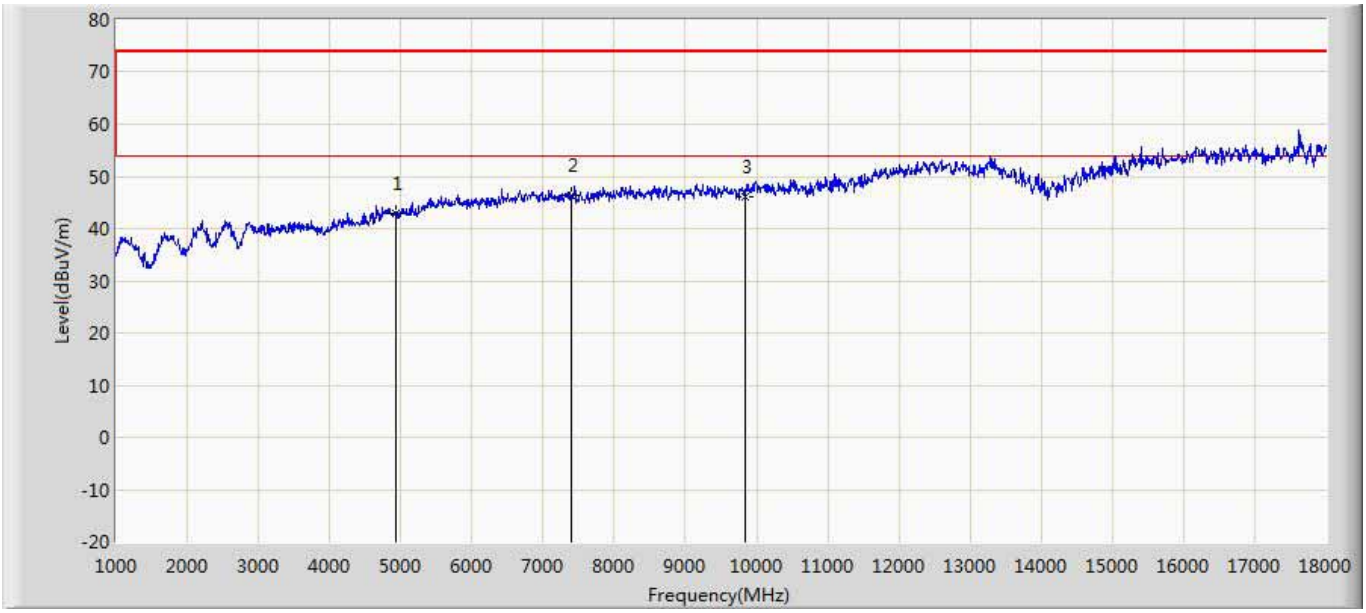
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.677	36.323	-31.323	74.000	6.354	PK
2		7311.000	45.749	35.793	-28.251	74.000	9.956	PK
3	*	9748.000	46.880	34.527	-27.120	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2437 by 11g Ant0	



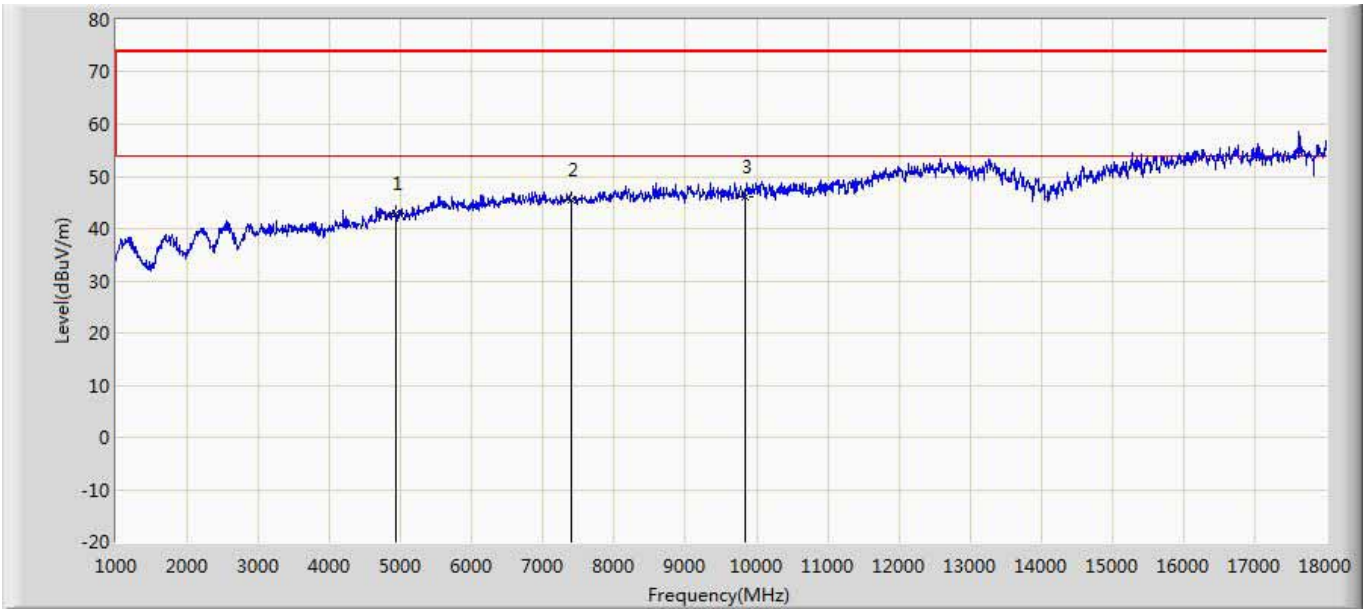
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.998	36.644	-31.002	74.000	6.354	PK
2		7311.000	45.217	35.261	-28.783	74.000	9.956	PK
3	*	9748.000	46.925	34.572	-27.075	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2462 by 11g Ant0	



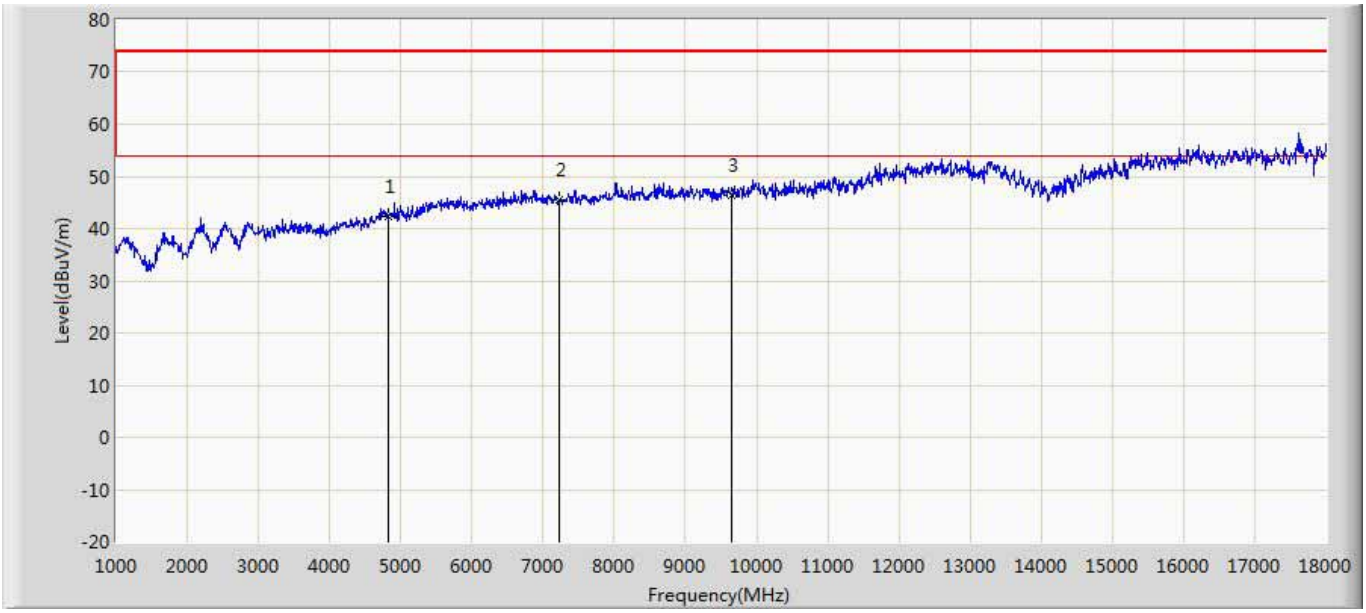
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.009	36.629	-30.991	74.000	6.379	PK
2	*	7386.000	46.510	36.677	-27.490	74.000	9.833	PK
3		9848.000	46.128	33.275	-27.872	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 15:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 2462 by 11g Ant0	



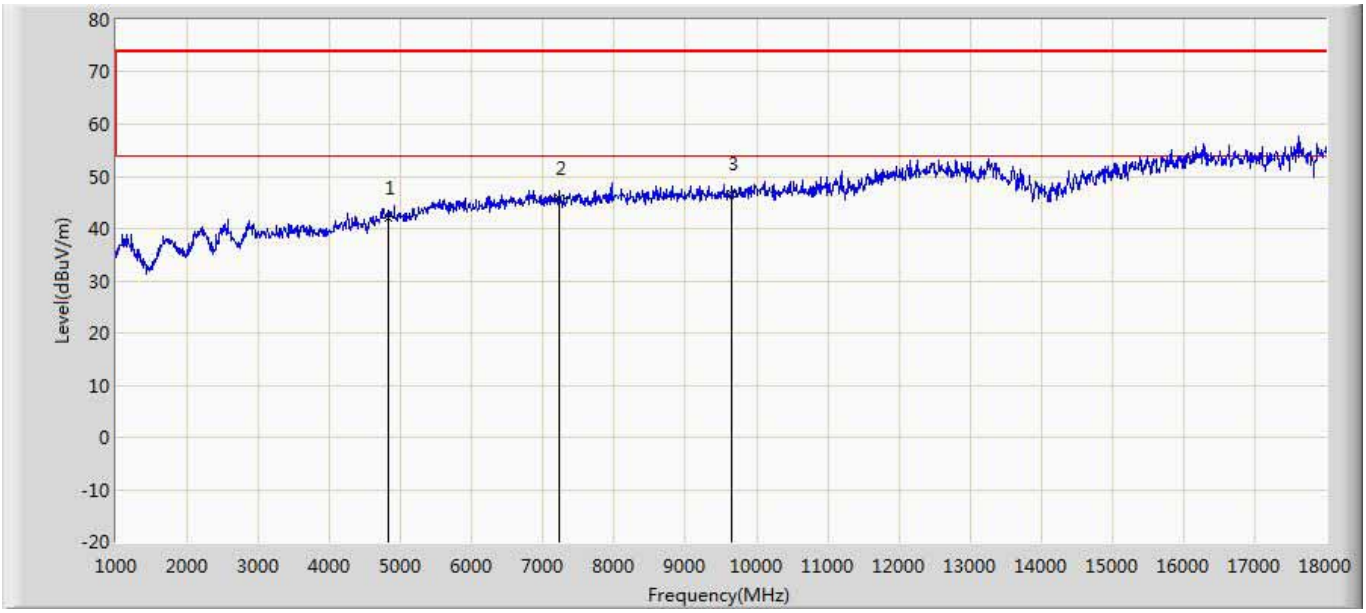
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.762	36.382	-31.238	74.000	6.379	PK
2		7386.000	45.625	35.792	-28.375	74.000	9.833	PK
3	*	9848.000	46.034	33.181	-27.966	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 15:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2412 by 11n20 Ant0	



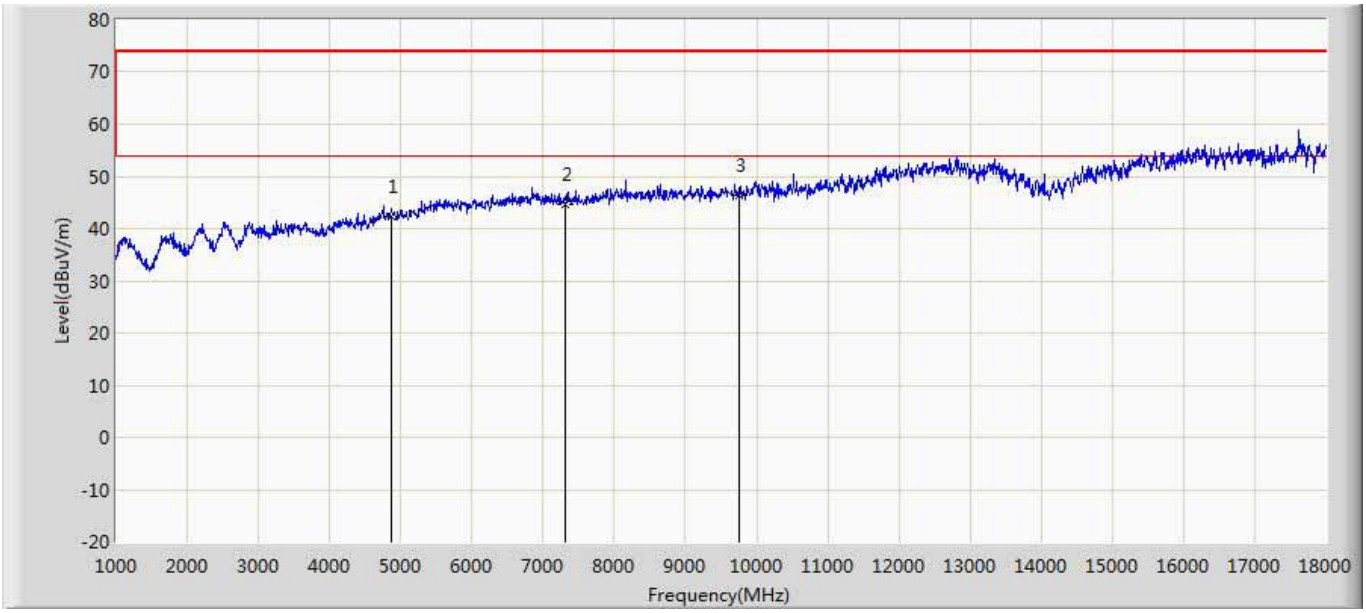
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.374	36.363	-31.626	74.000	6.011	PK
2		7236.000	45.419	35.190	-28.581	74.000	10.228	PK
3	*	9648.000	46.398	34.043	-27.602	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 15:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2412 by 11n20 Ant0	



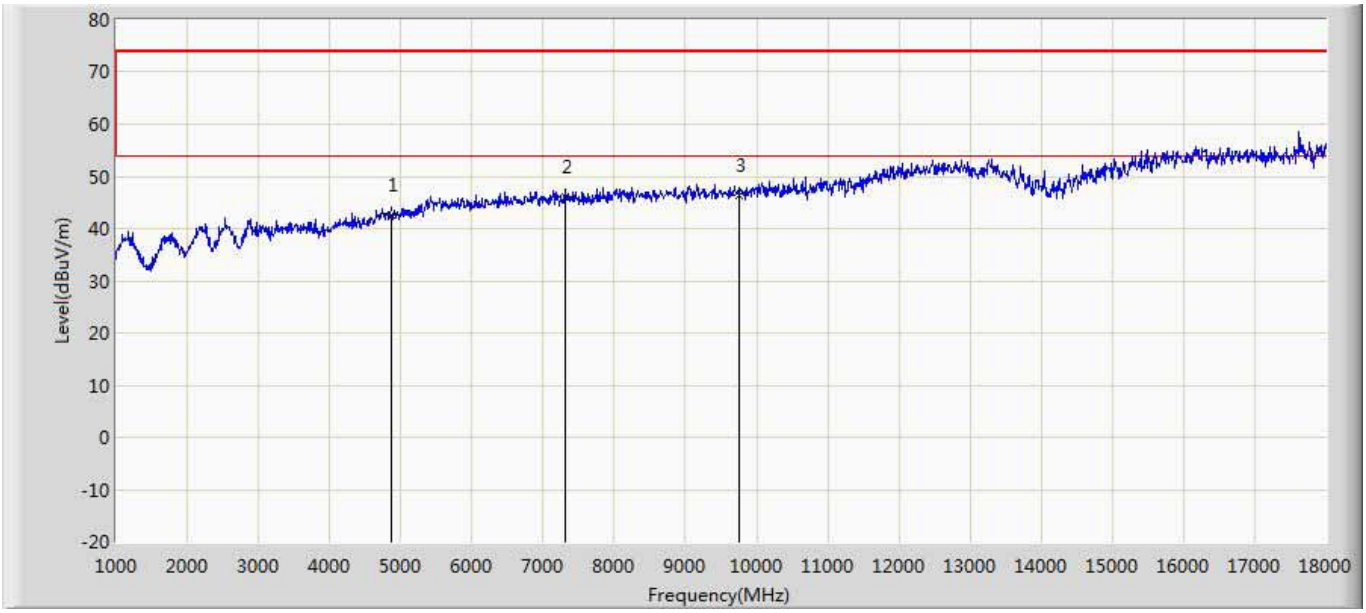
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.122	36.111	-31.878	74.000	6.011	PK
2		7236.000	45.893	35.664	-28.107	74.000	10.228	PK
3	*	9648.000	46.532	34.177	-27.468	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 15:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n20 Ant0	



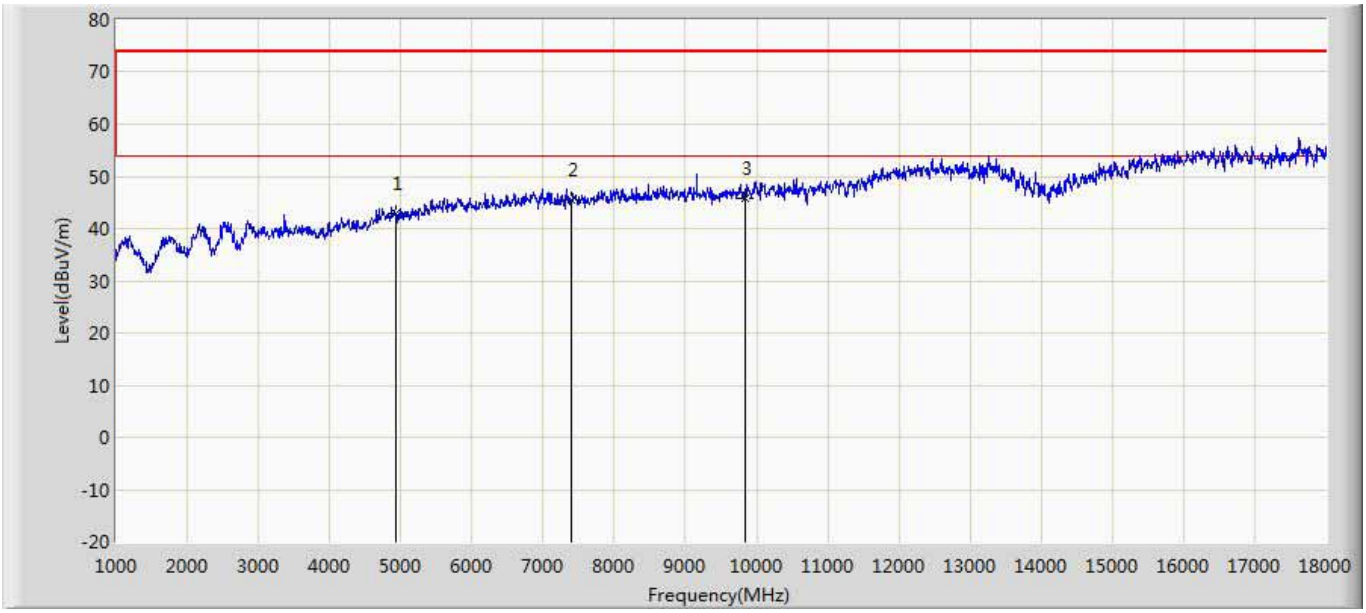
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.261	35.907	-31.739	74.000	6.354	PK
2		7311.000	44.594	34.638	-29.406	74.000	9.956	PK
3	*	9748.000	46.501	34.148	-27.499	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n20 Ant0	



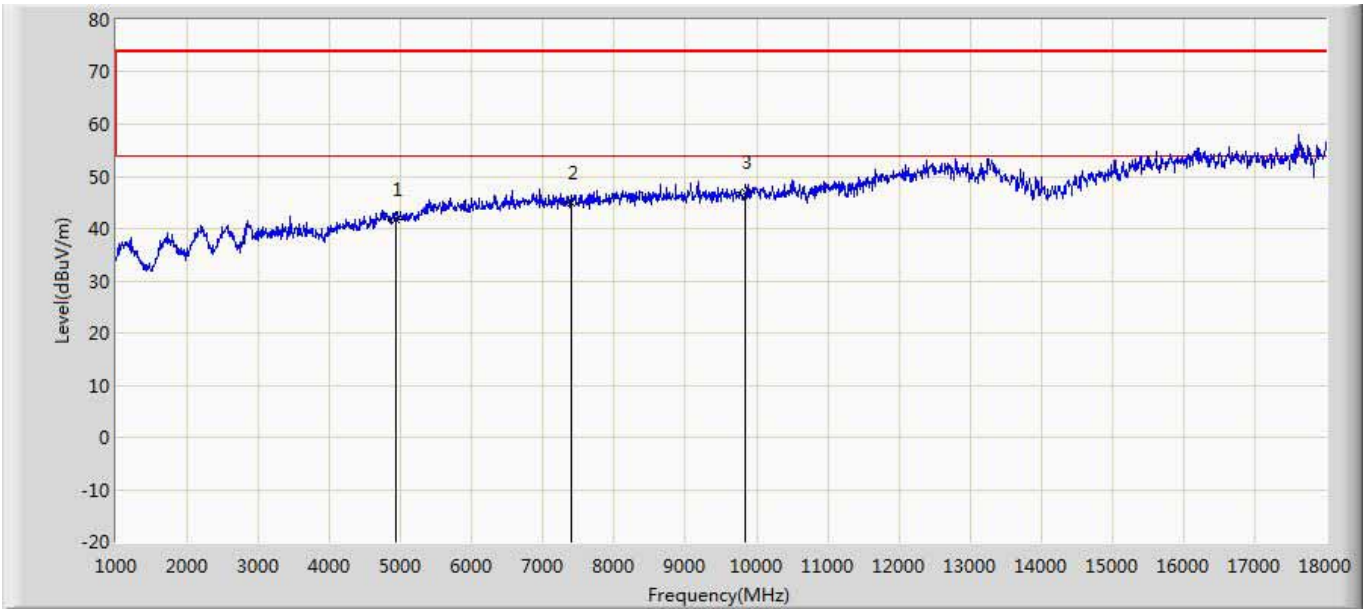
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.598	36.244	-31.402	74.000	6.354	PK
2		7311.000	46.086	36.130	-27.914	74.000	9.956	PK
3	*	9748.000	46.339	33.986	-27.661	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 15:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2462 by 11n20 Ant0	



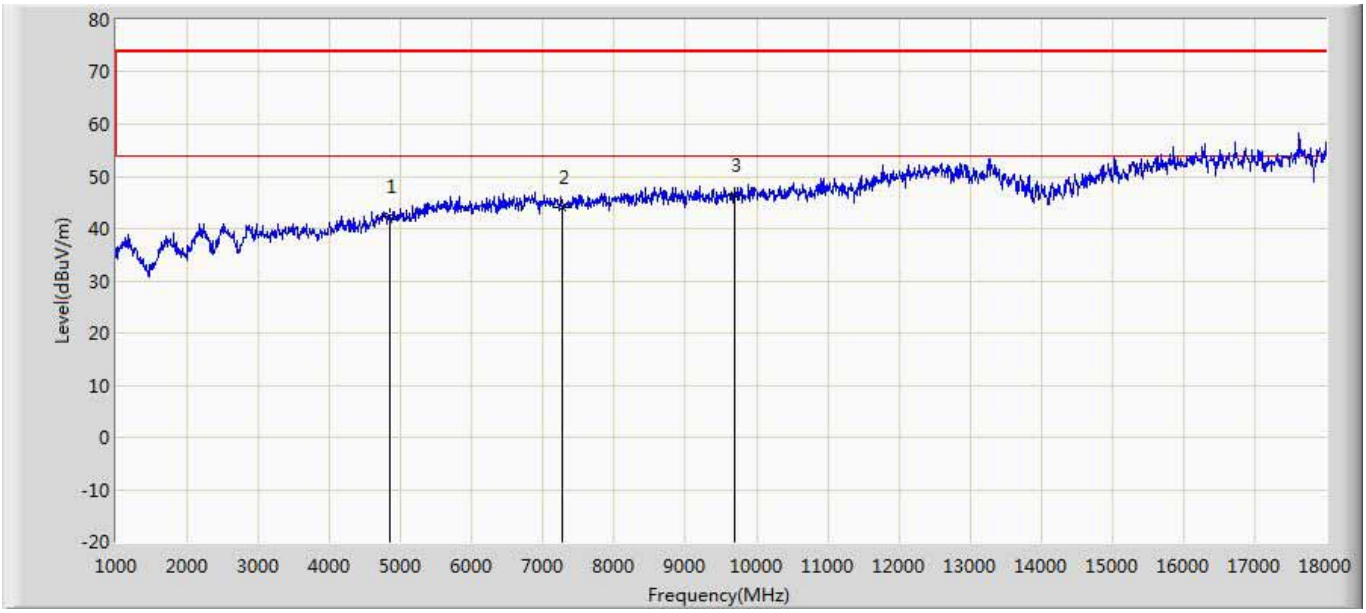
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.757	36.377	-31.243	74.000	6.379	PK
2		7386.000	45.420	35.587	-28.580	74.000	9.833	PK
3	*	9848.000	45.732	32.879	-28.268	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 15:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2462 by 11n20 Ant0	



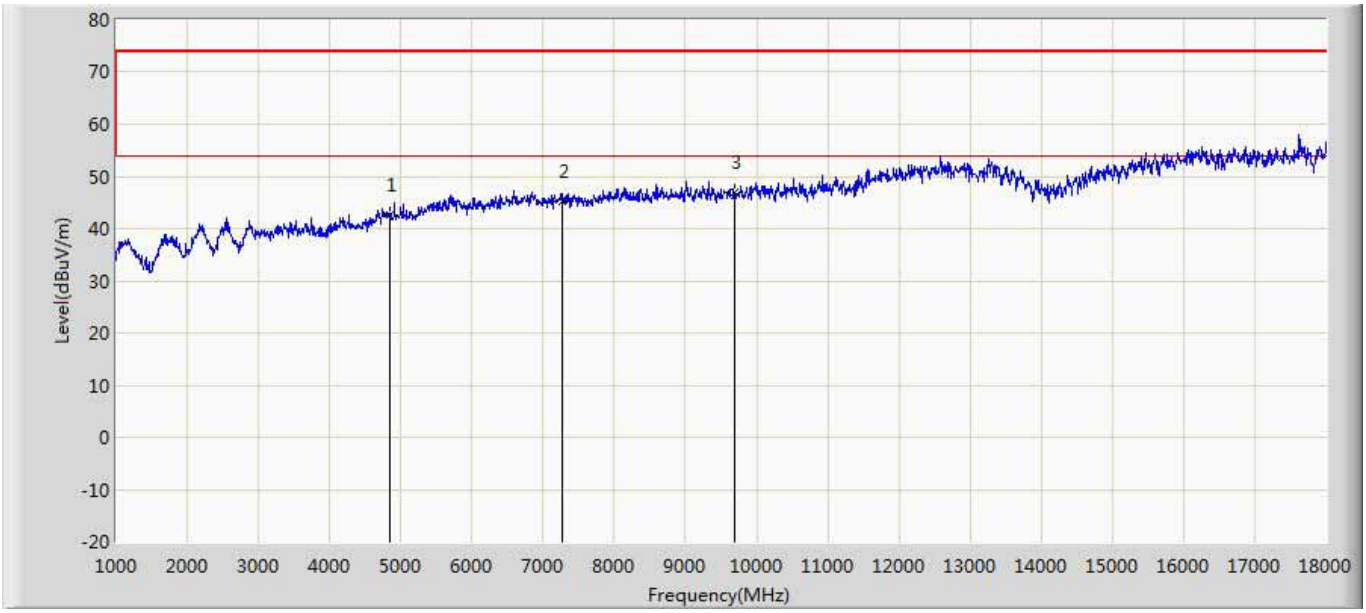
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.781	35.401	-32.219	74.000	6.379	PK
2		7386.000	44.844	35.011	-29.156	74.000	9.833	PK
3	*	9848.000	47.058	34.205	-26.942	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 16:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2422 by 11n40 Ant0	



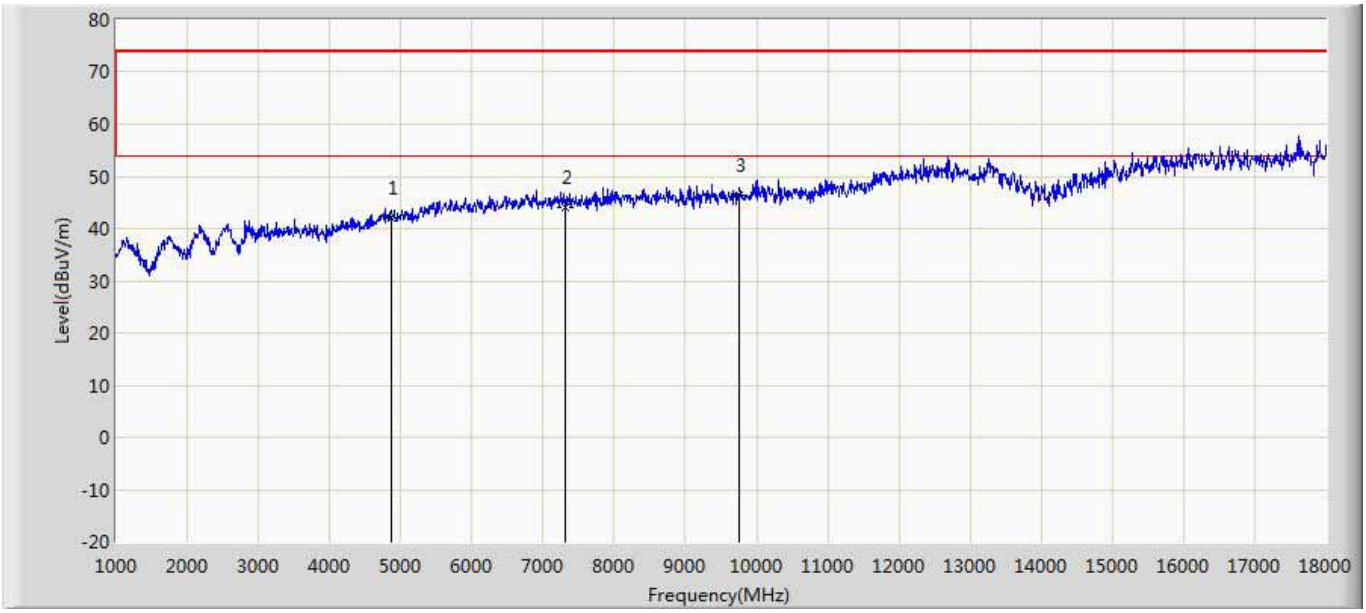
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	42.299	36.058	-31.701	74.000	6.241	PK
2		7266.000	44.148	34.141	-29.852	74.000	10.006	PK
3	*	9688.000	46.481	33.361	-27.519	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 16:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2422 by 11n40 Ant0	



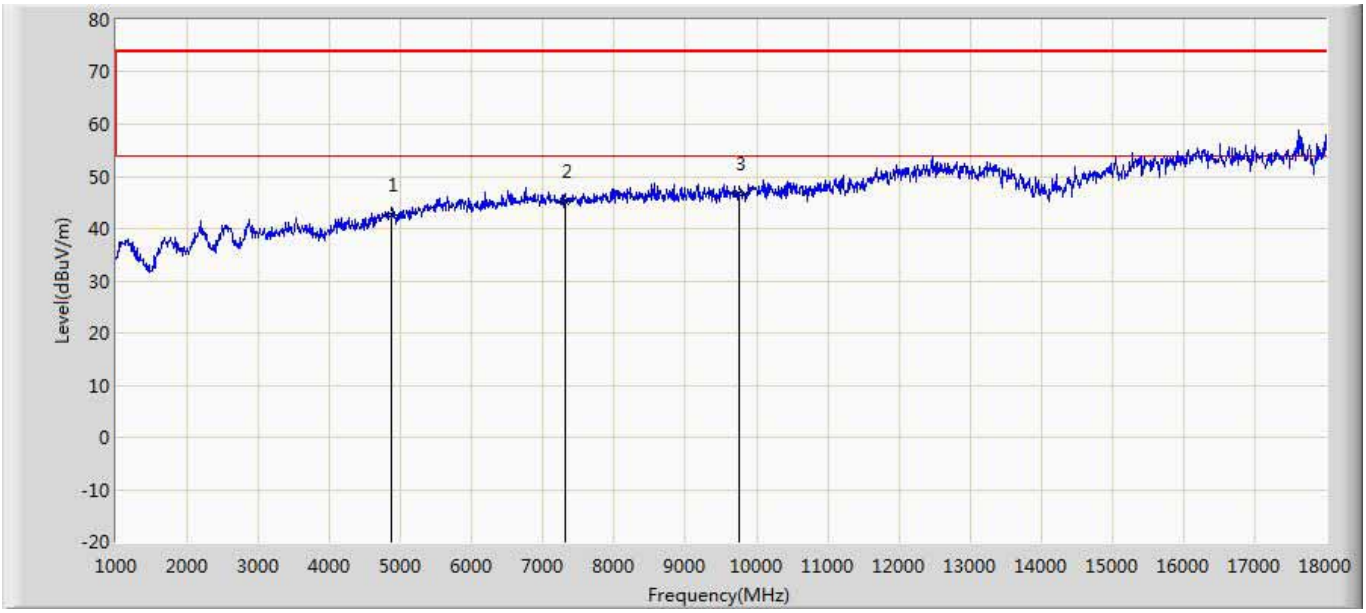
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	42.695	36.454	-31.305	74.000	6.241	PK
2		7266.000	45.279	35.272	-28.721	74.000	10.006	PK
3	*	9688.000	47.039	33.919	-26.961	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n40 Ant0	



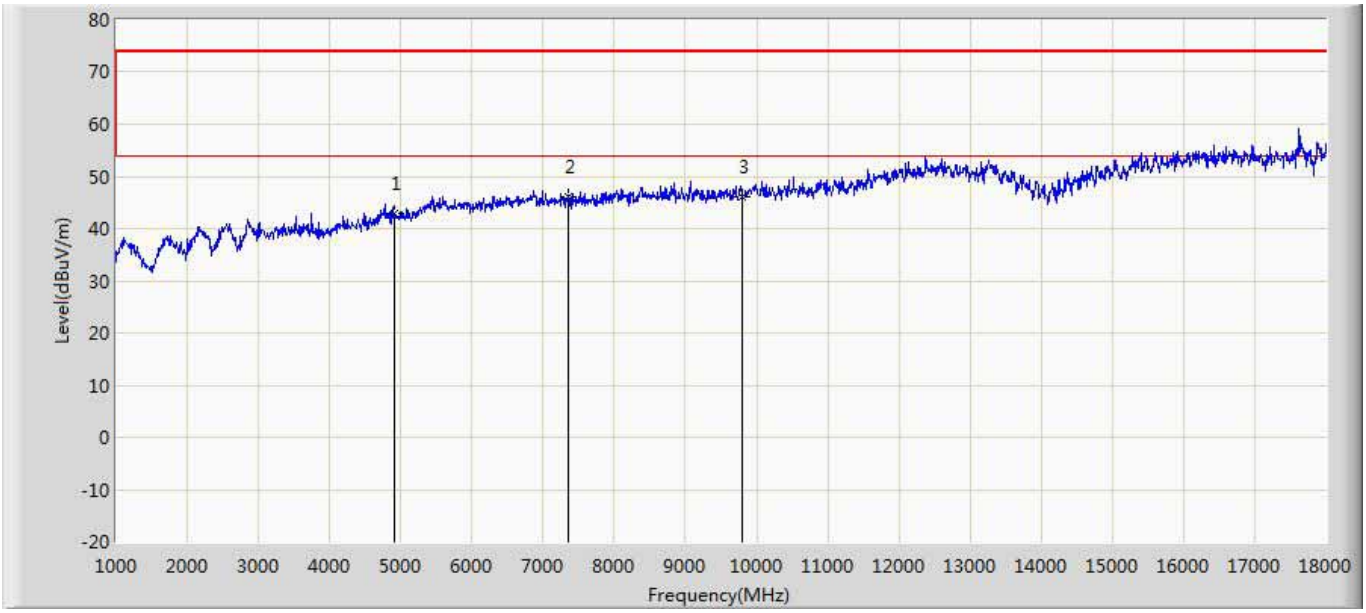
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.112	35.758	-31.888	74.000	6.354	PK
2		7311.000	43.971	34.015	-30.029	74.000	9.956	PK
3	*	9748.000	46.427	34.074	-27.573	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 16:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2437 by 11n40 Ant0	



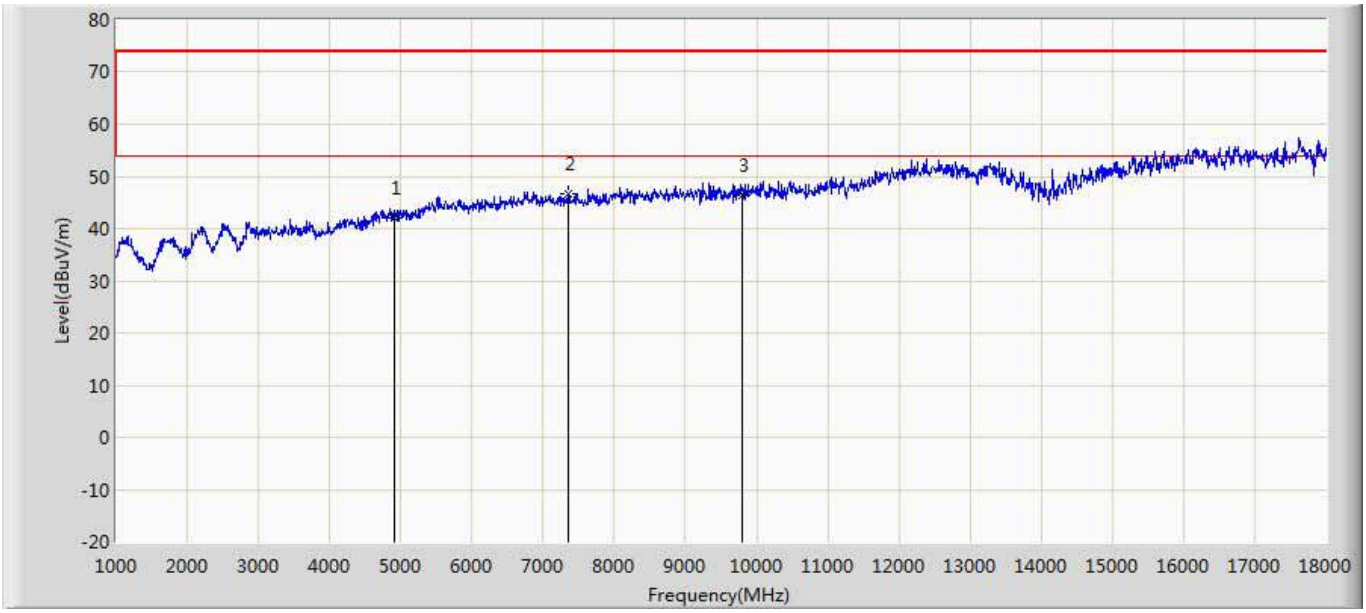
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.488	36.134	-31.512	74.000	6.354	PK
2		7311.000	45.132	35.176	-28.868	74.000	9.956	PK
3	*	9748.000	46.725	34.372	-27.275	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 16:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2452 by 11n40 Ant0	



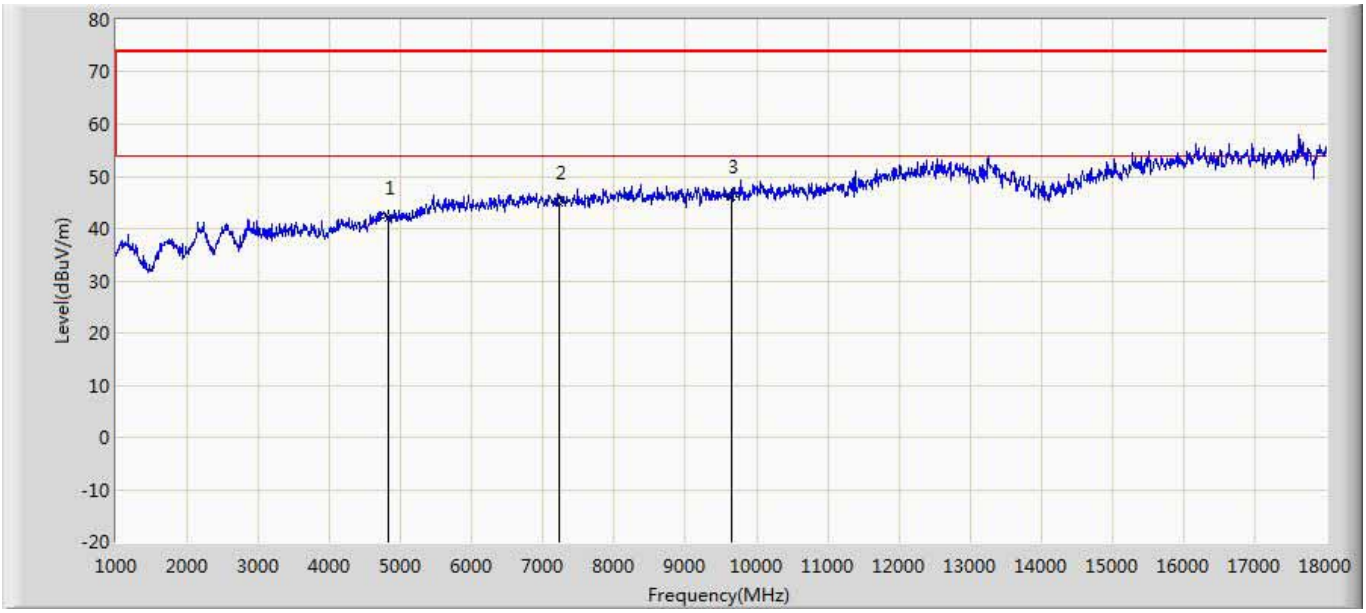
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	42.776	36.351	-31.224	74.000	6.425	PK
2		7356.000	46.055	35.679	-27.945	74.000	10.376	PK
3	*	9808.000	46.212	34.111	-27.788	74.000	12.101	PK

Site: AC5	Time: 2017/05/07 - 16:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 2452 by 11n40 Ant0	



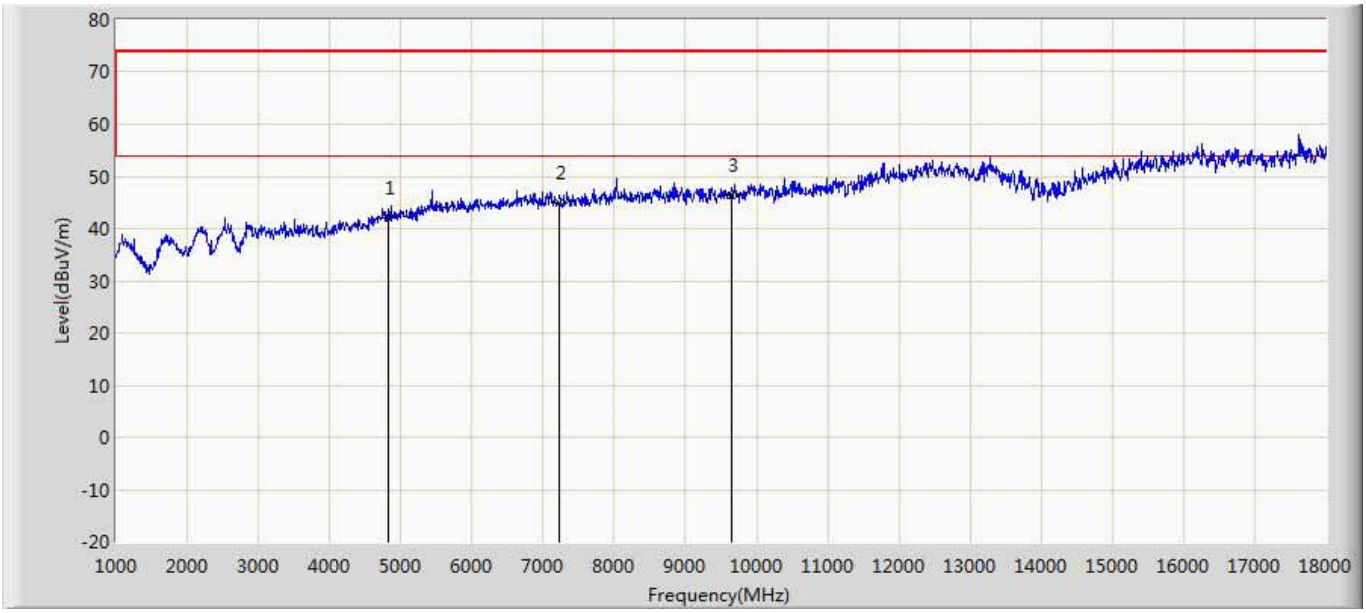
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	41.885	35.460	-32.115	74.000	6.425	PK
2	*	7356.000	46.563	36.187	-27.437	74.000	10.376	PK
3		9808.000	46.475	34.374	-27.525	74.000	12.101	PK

Site: AC5	Time: 2017/05/07 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2412 by 11b Ant1	



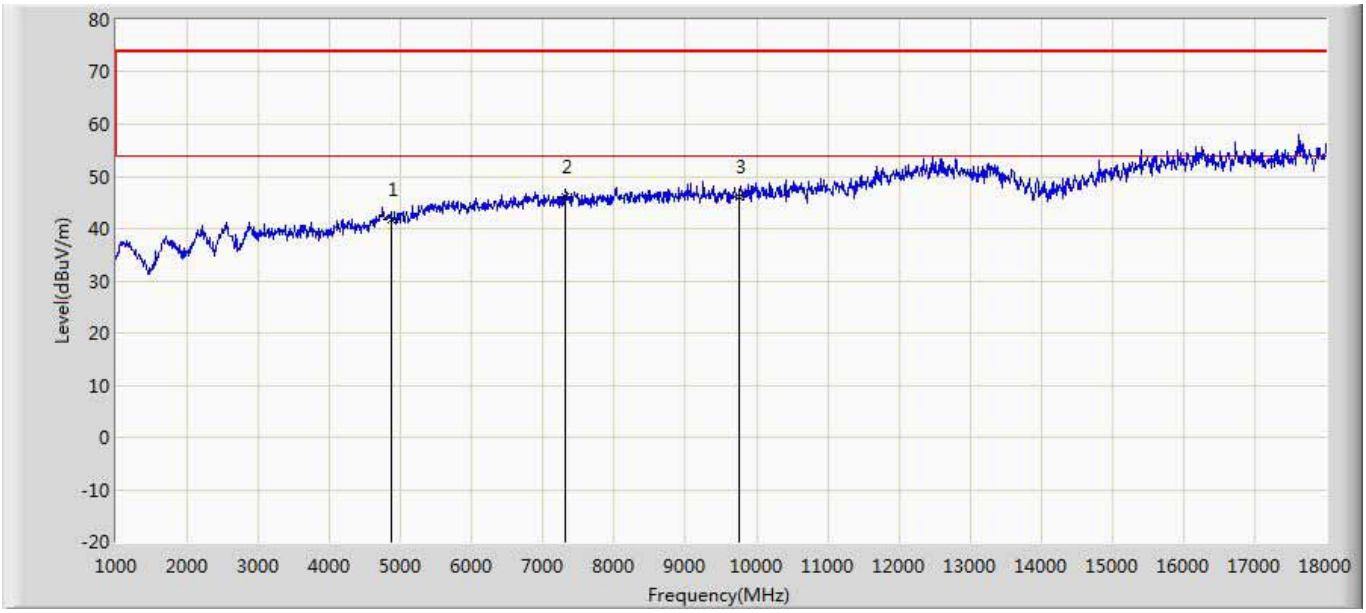
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.096	36.085	-31.904	74.000	6.011	PK
2		7236.000	45.072	34.843	-28.928	74.000	10.228	PK
3	*	9648.000	46.202	33.847	-27.798	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2412 by 11b Ant1	



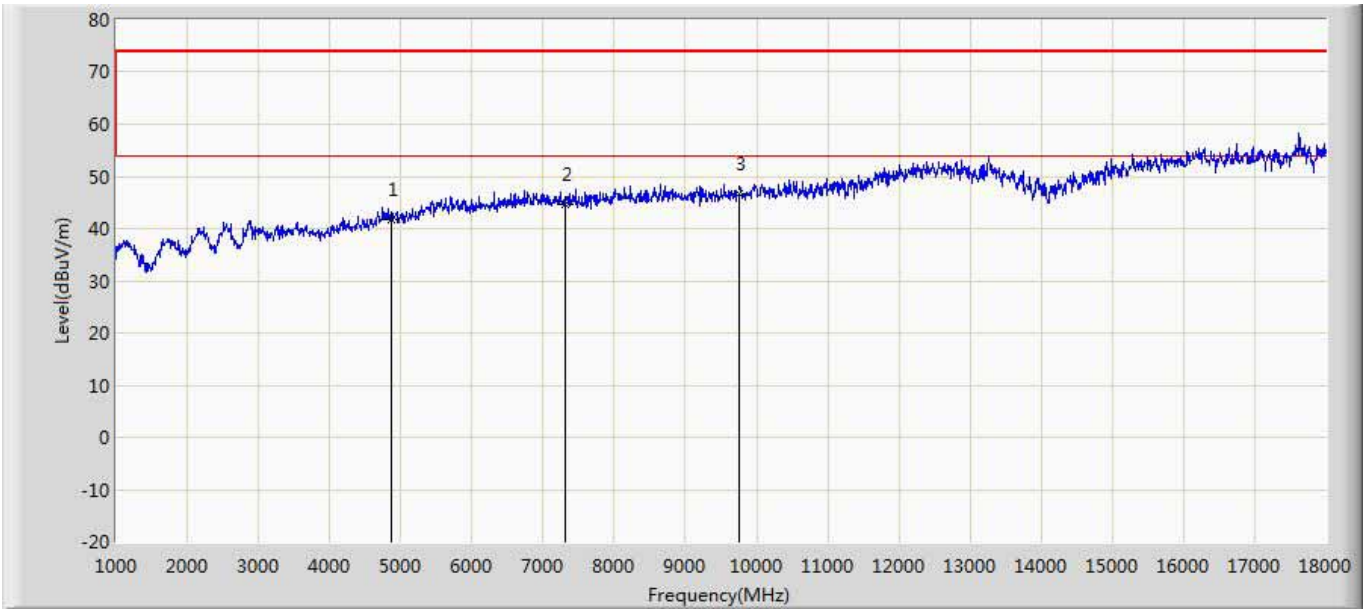
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.934	35.923	-32.066	74.000	6.011	PK
2		7236.000	44.931	34.702	-29.069	74.000	10.228	PK
3	*	9648.000	46.283	33.928	-27.717	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2437 by 11b Ant1	



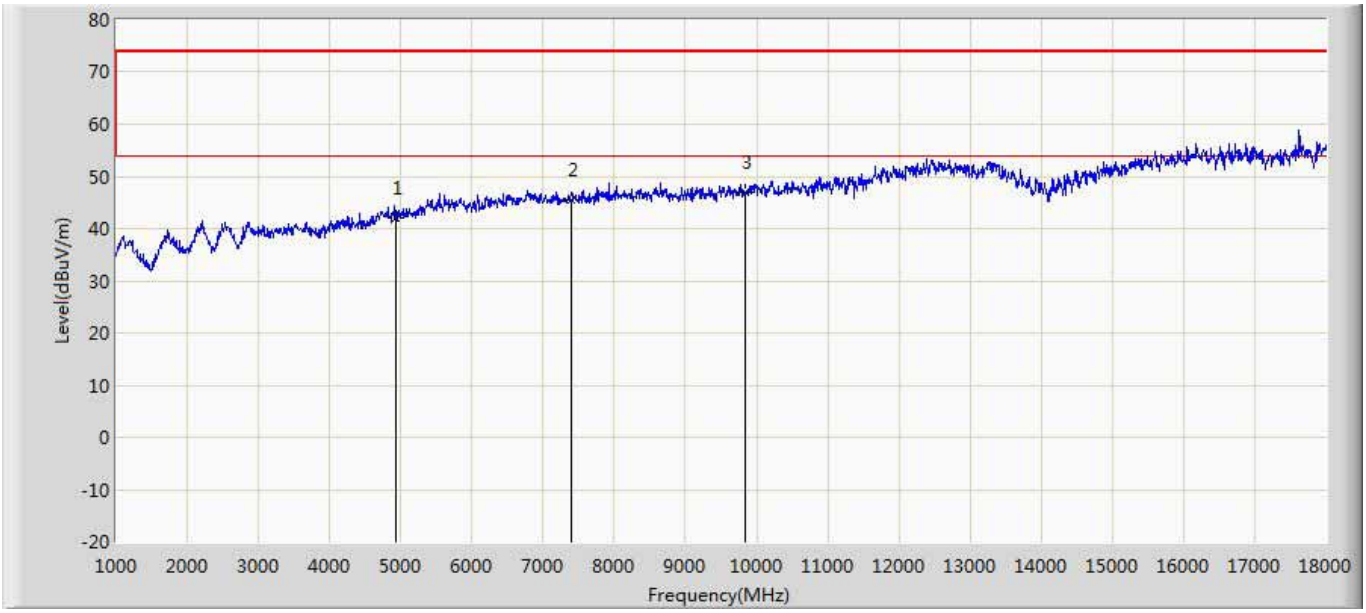
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.872	35.518	-32.128	74.000	6.354	PK
2	*	7311.000	46.140	36.184	-27.860	74.000	9.956	PK
3		9748.000	46.006	33.653	-27.994	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2437 by 11b Ant1	



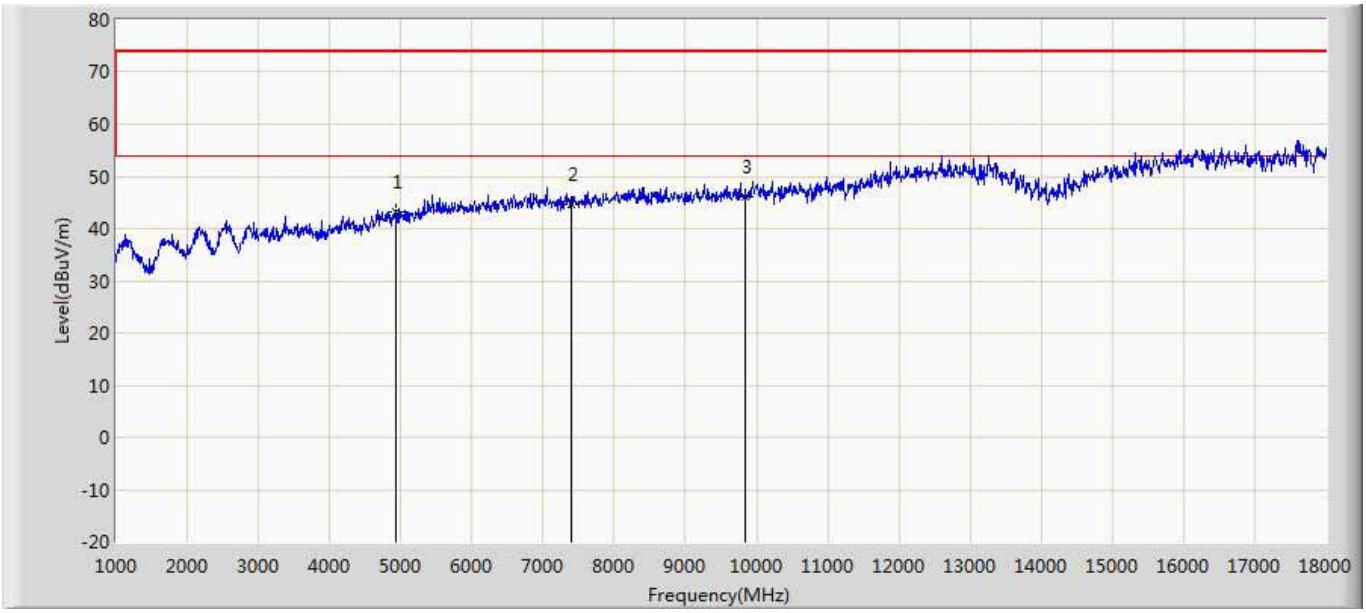
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.842	35.488	-32.158	74.000	6.354	PK
2		7311.000	44.577	34.621	-29.423	74.000	9.956	PK
3	*	9748.000	46.591	34.238	-27.409	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2462 by 11b Ant1	



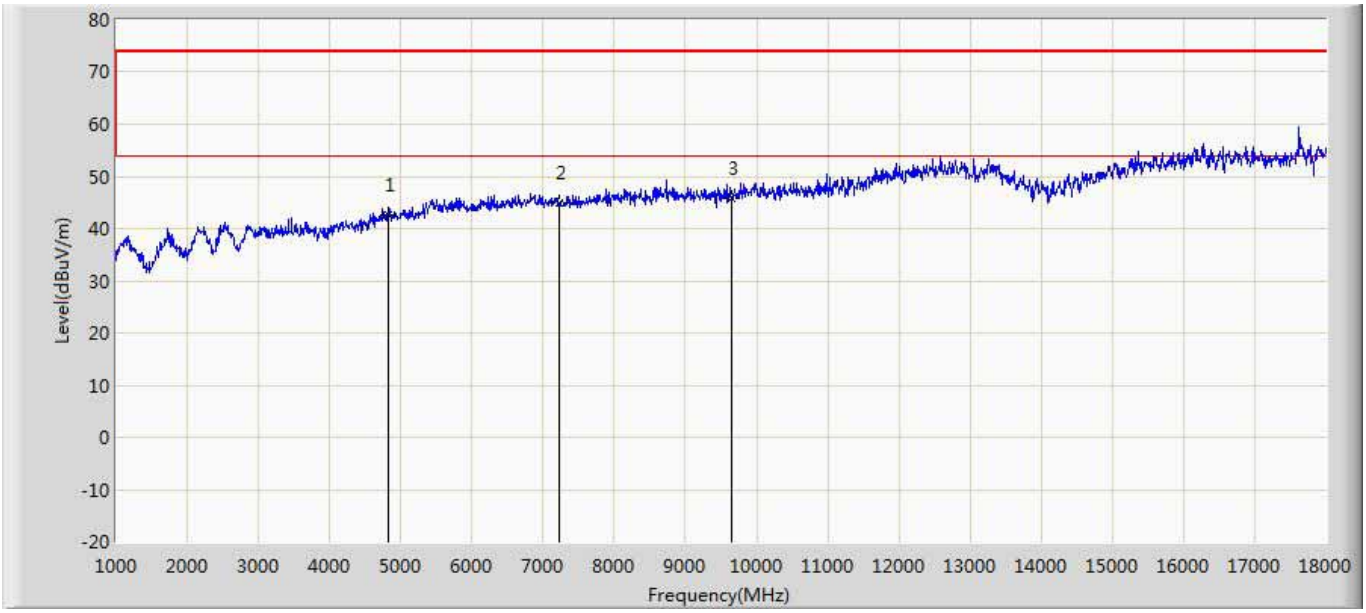
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.984	35.604	-32.016	74.000	6.379	PK
2		7386.000	45.477	35.644	-28.523	74.000	9.833	PK
3	*	9848.000	47.019	34.166	-26.981	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 2462 by 11b Ant1	



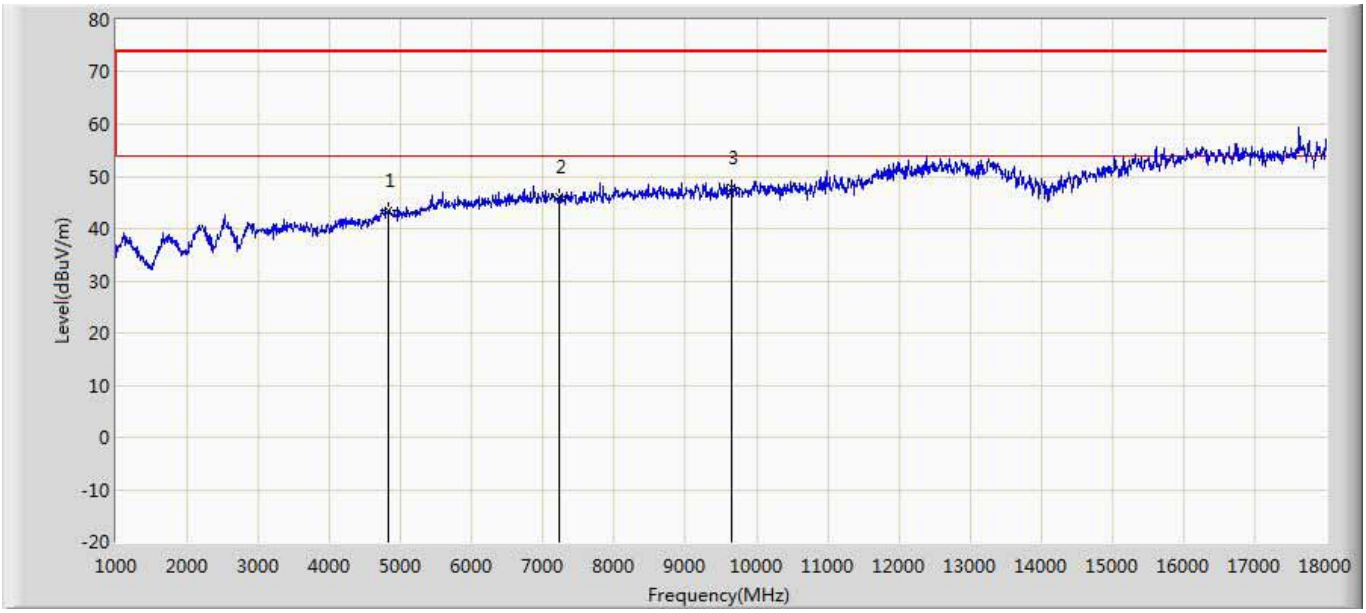
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.097	36.717	-30.903	74.000	6.379	PK
2		7386.000	44.617	34.784	-29.383	74.000	9.833	PK
3	*	9848.000	45.945	33.092	-28.055	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2412 by 11g Ant1	



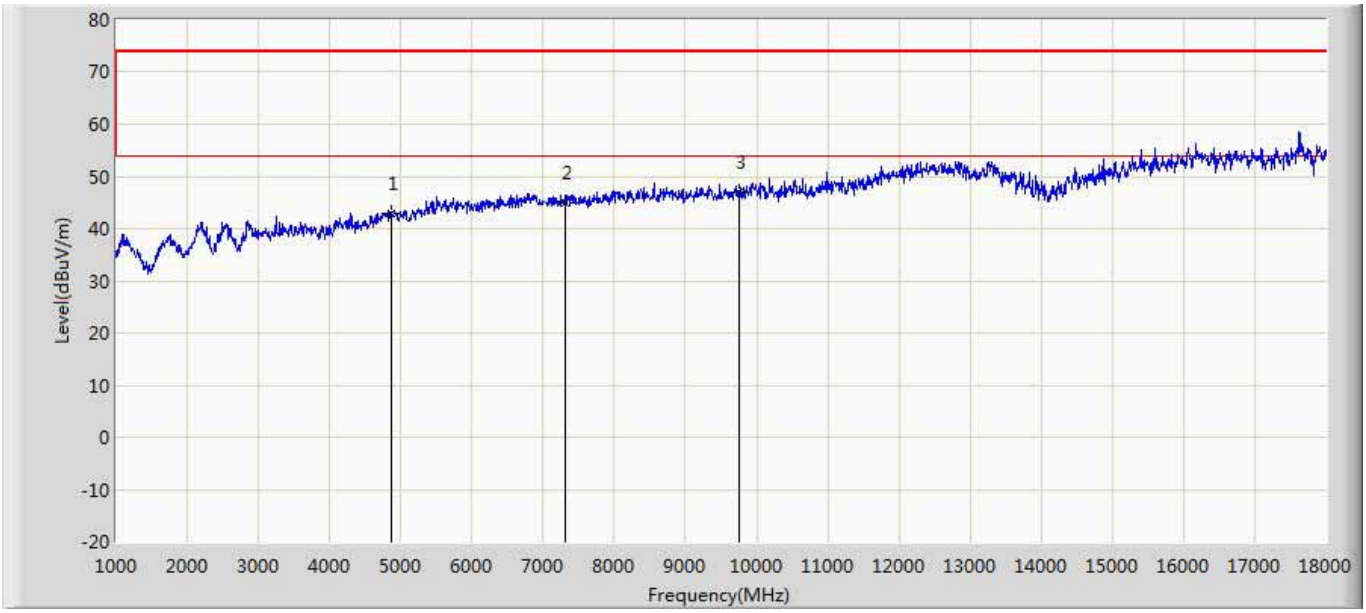
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.646	36.635	-31.354	74.000	6.011	PK
2		7236.000	44.968	34.739	-29.032	74.000	10.228	PK
3	*	9648.000	45.840	33.485	-28.160	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2412 by 11g Ant1	



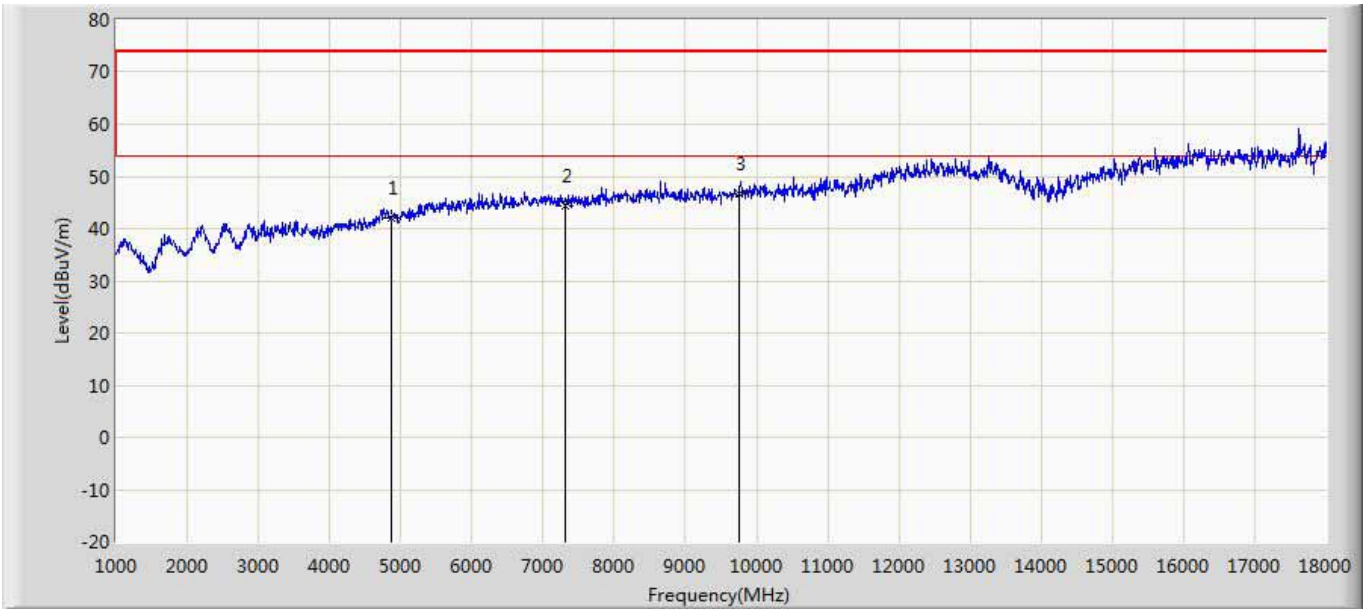
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	43.357	37.346	-30.643	74.000	6.011	PK
2		7236.000	45.979	35.750	-28.021	74.000	10.228	PK
3	*	9648.000	47.922	35.567	-26.078	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2437 by 11g Ant1	



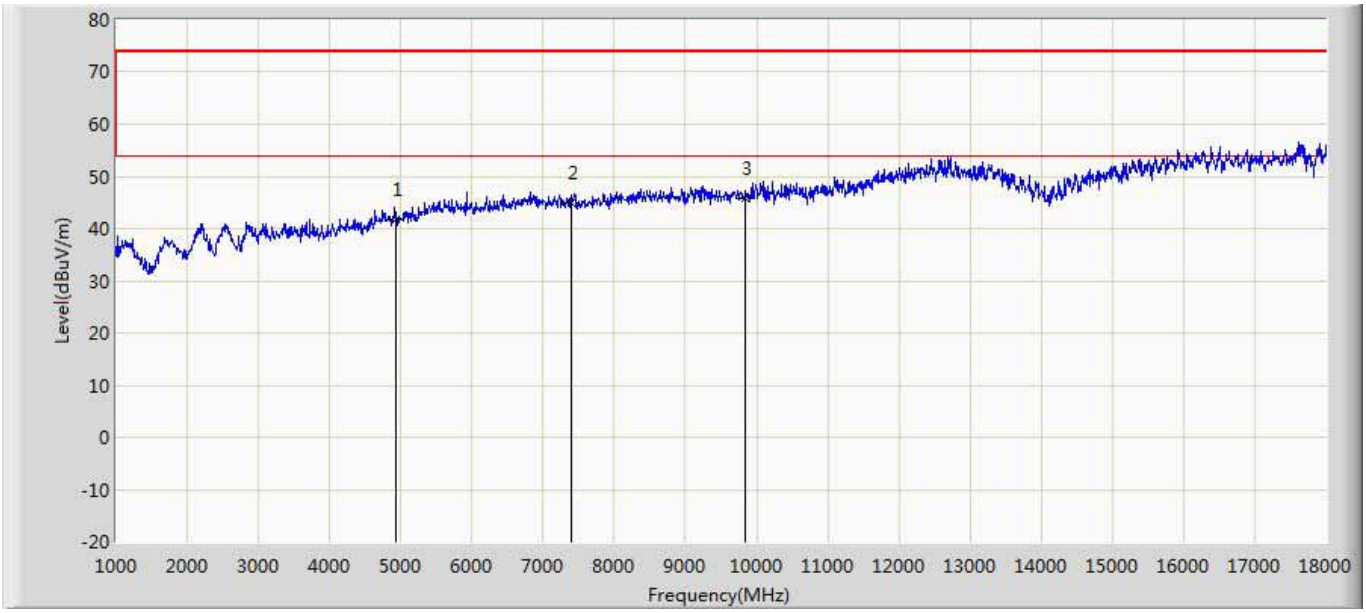
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.822	36.468	-31.178	74.000	6.354	PK
2		7311.000	45.064	35.108	-28.936	74.000	9.956	PK
3	*	9748.000	47.062	34.709	-26.938	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2437 by 11g Ant1	



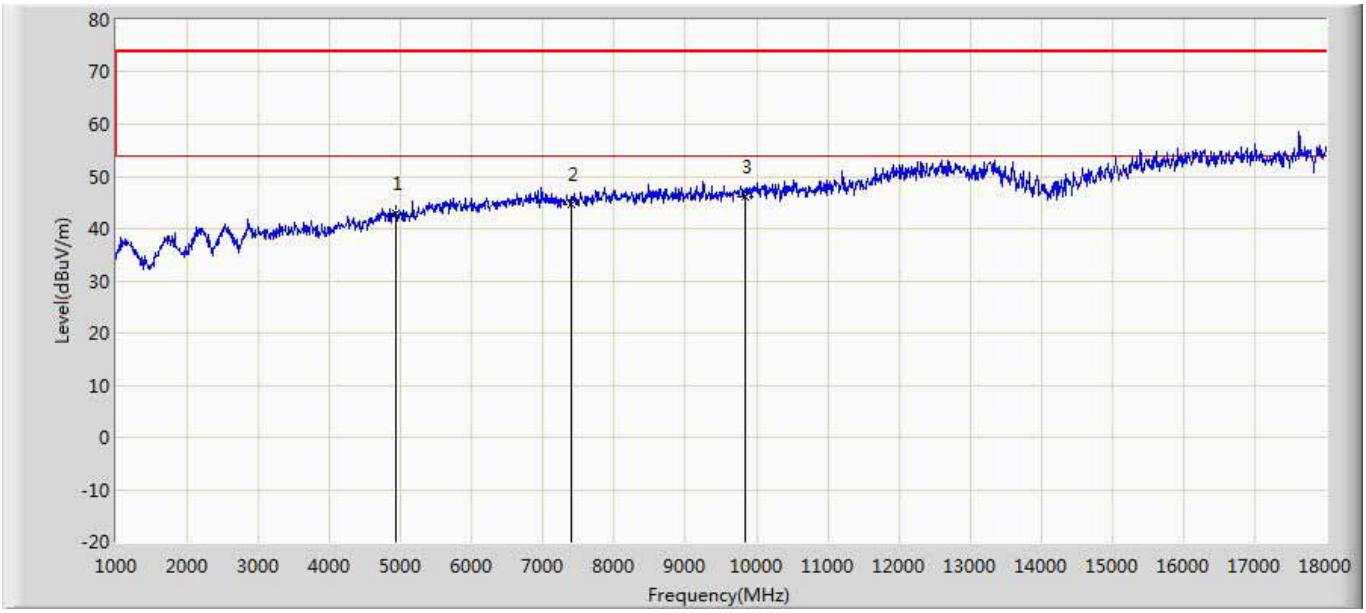
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.032	35.678	-31.968	74.000	6.354	PK
2		7311.000	44.257	34.301	-29.743	74.000	9.956	PK
3	*	9748.000	46.542	34.189	-27.458	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2462 by 11g Ant1	



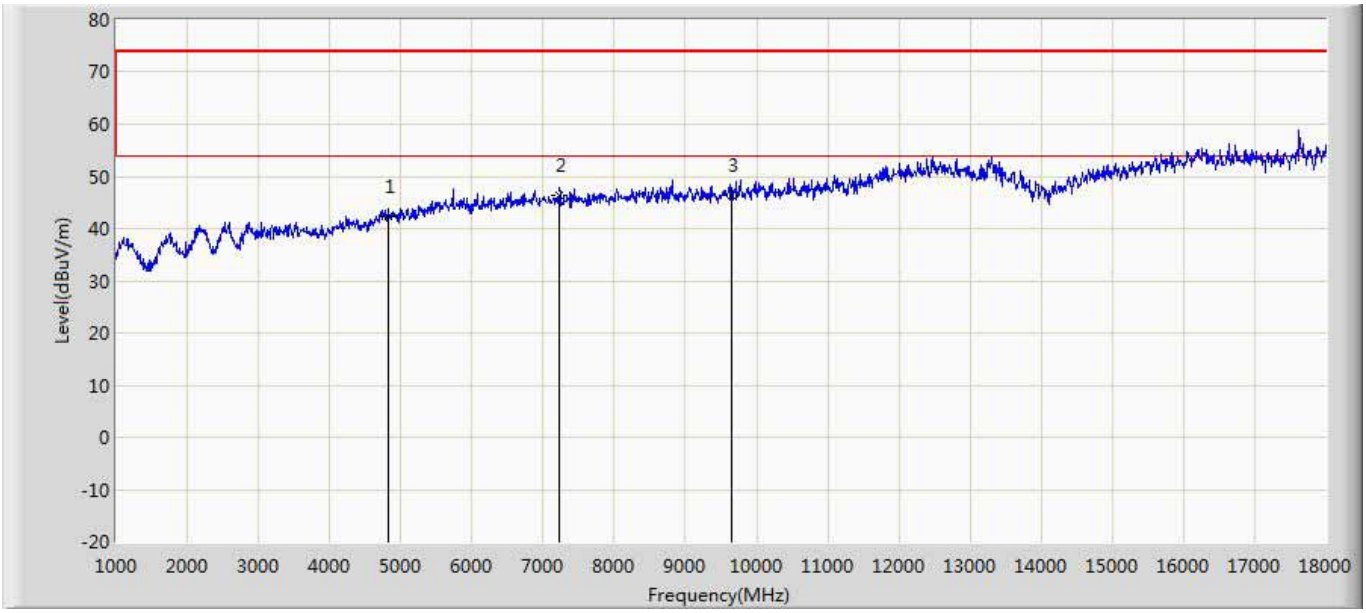
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	41.859	35.479	-32.141	74.000	6.379	PK
2		7386.000	44.871	35.038	-29.129	74.000	9.833	PK
3	*	9848.000	45.930	33.077	-28.070	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 2462 by 11g Ant1	



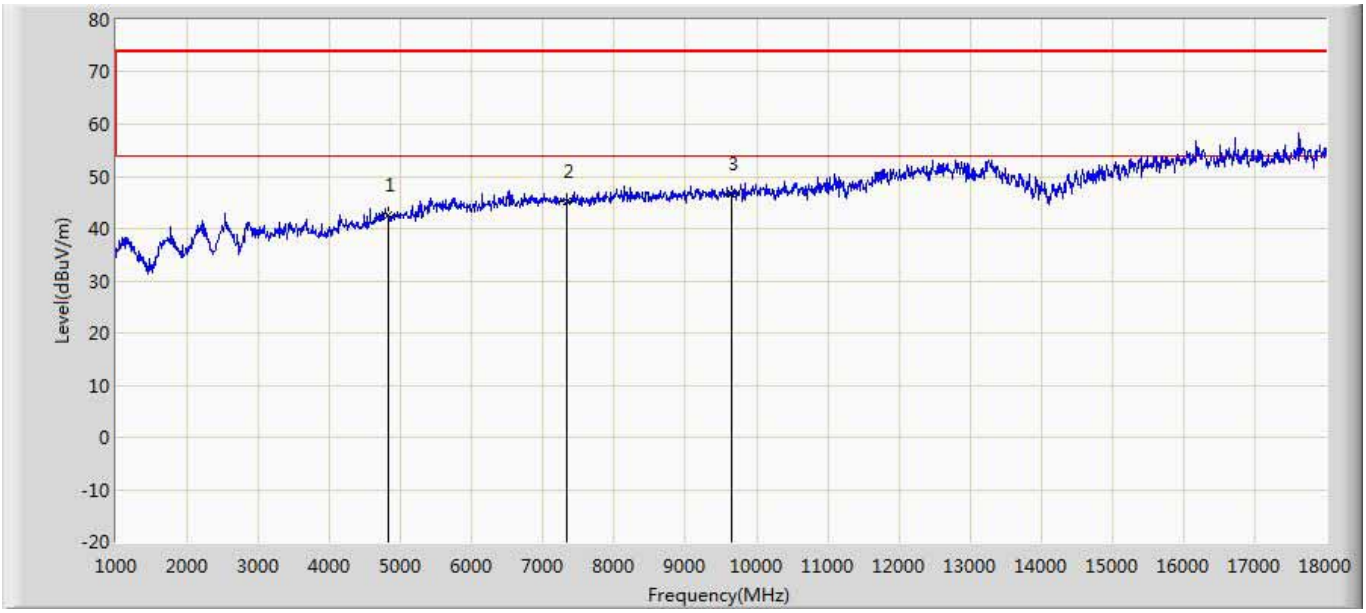
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.864	36.484	-31.136	74.000	6.379	PK
2		7386.000	44.693	34.860	-29.307	74.000	9.833	PK
3	*	9848.000	46.049	33.196	-27.951	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2412 by 11n20 Ant1	



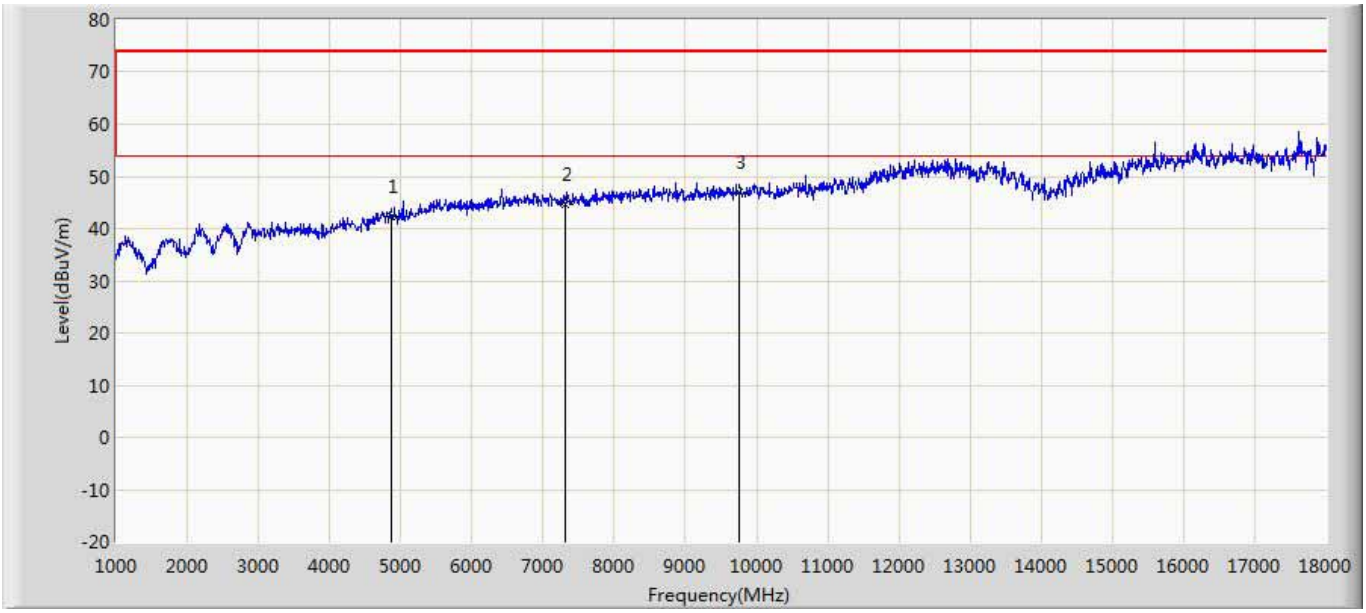
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.323	36.312	-31.677	74.000	6.011	PK
2		7236.000	46.400	36.171	-27.600	74.000	10.228	PK
3	*	9648.000	46.476	34.121	-27.524	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2412 by 11n20 Ant1	



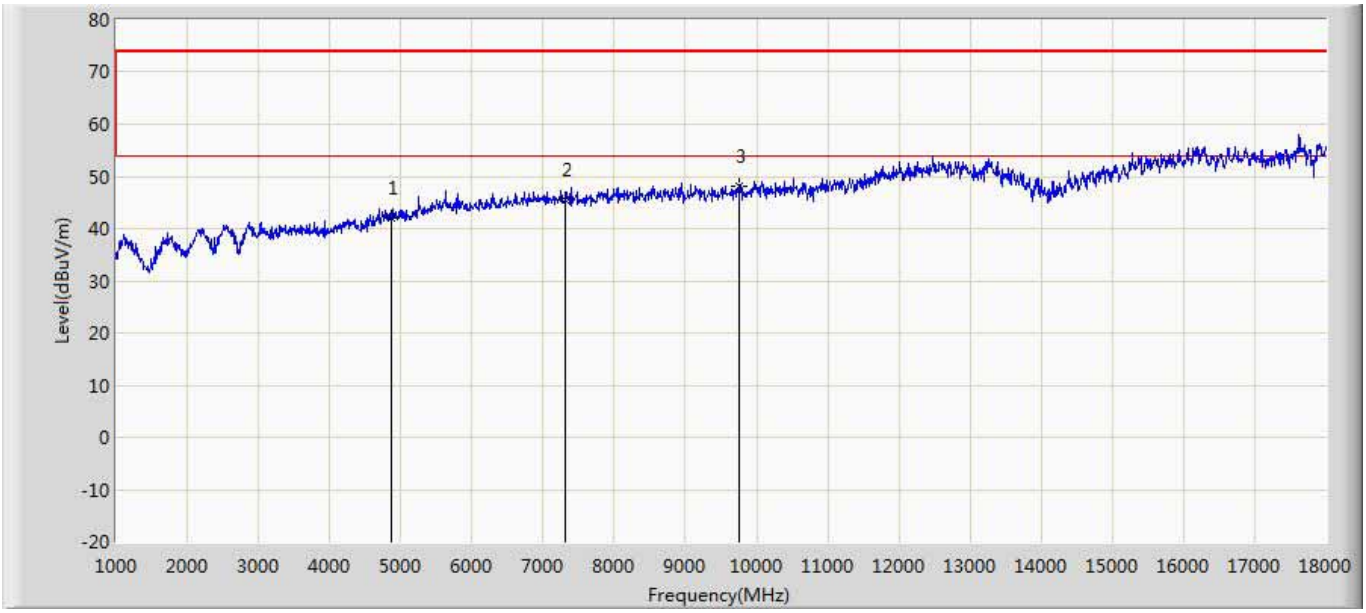
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.573	36.562	-31.427	74.000	6.011	PK
2		7326.000	45.073	34.572	-28.927	74.000	10.501	PK
3	*	9648.000	46.665	34.310	-27.335	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2437 by 11n20 Ant1	



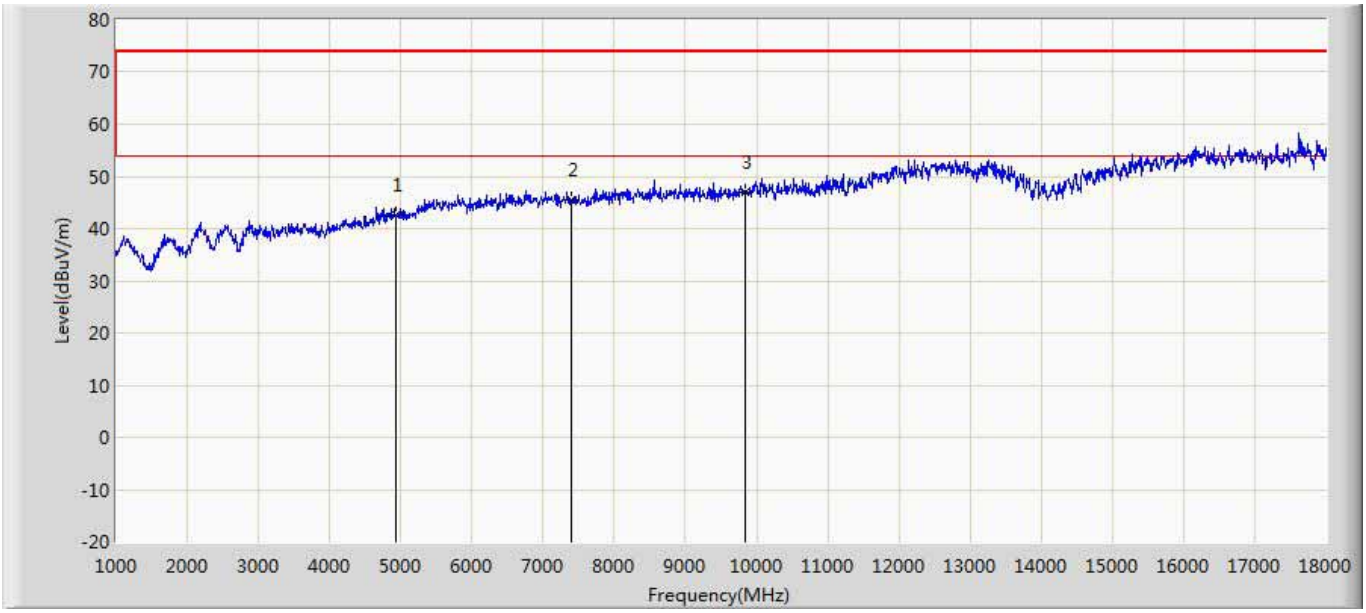
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.433	36.079	-31.567	74.000	6.354	PK
2		7311.000	44.536	34.580	-29.464	74.000	9.956	PK
3	*	9748.000	46.855	34.502	-27.145	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2437 by 11n20 Ant1	



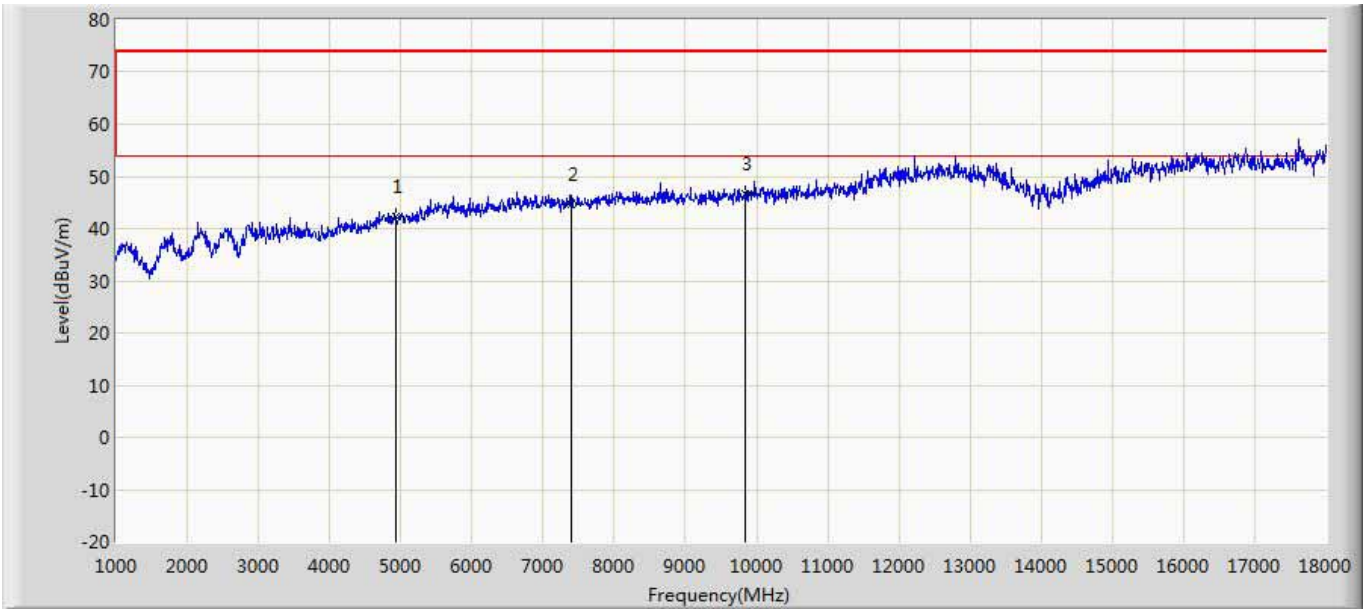
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.900	35.546	-32.100	74.000	6.354	PK
2		7311.000	45.364	35.408	-28.636	74.000	9.956	PK
3	*	9748.000	48.009	35.656	-25.991	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2462 by 11n20 Ant1	



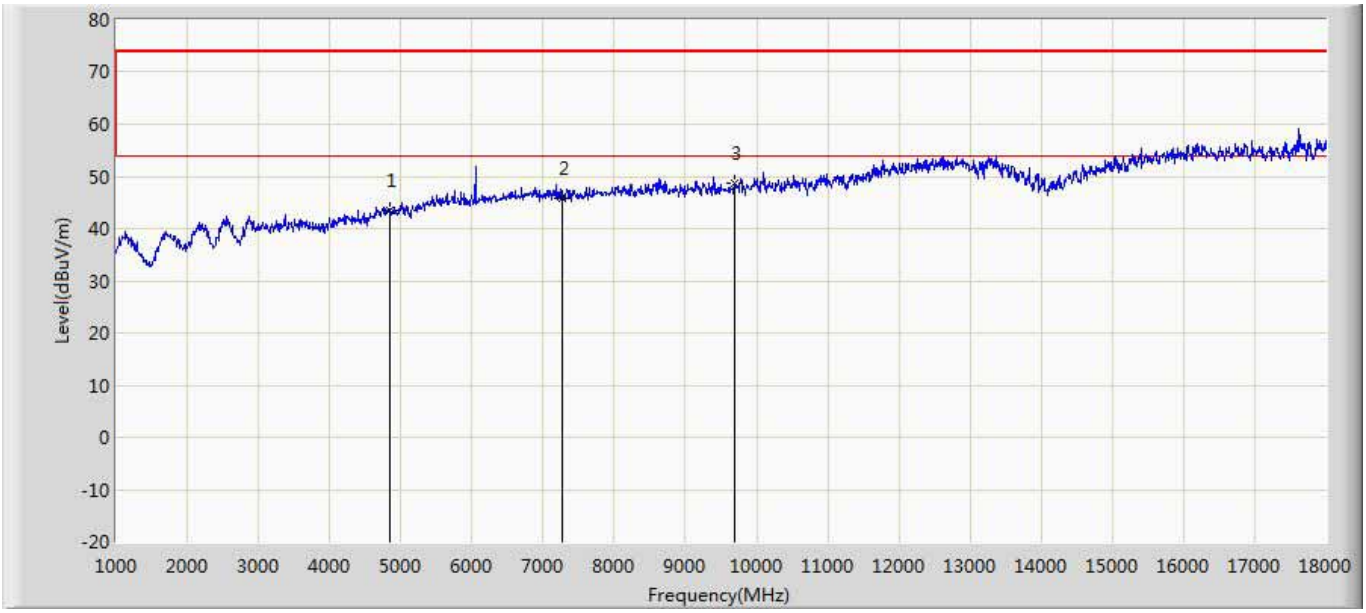
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.495	36.115	-31.505	74.000	6.379	PK
2		7386.000	45.395	35.562	-28.605	74.000	9.833	PK
3	*	9848.000	46.897	34.044	-27.103	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 2462 by 11n20 Ant1	



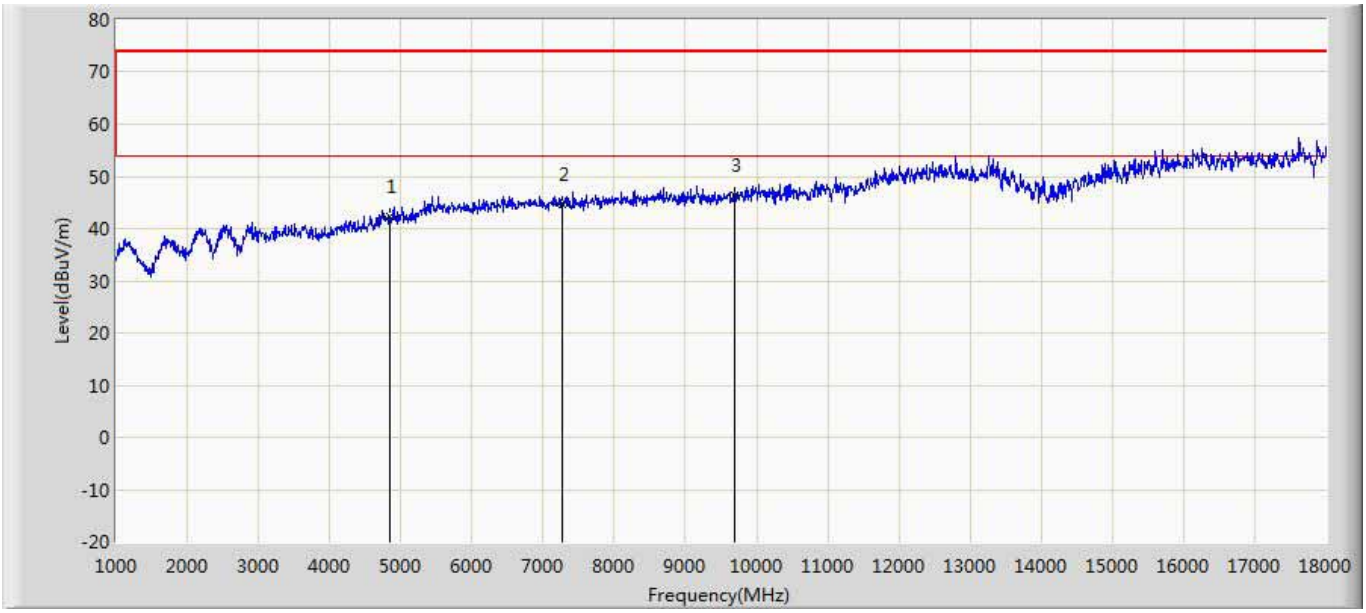
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.213	35.833	-31.787	74.000	6.379	PK
2		7386.000	44.557	34.724	-29.443	74.000	9.833	PK
3	*	9848.000	46.635	33.782	-27.365	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2422 by 11n40 Ant1	



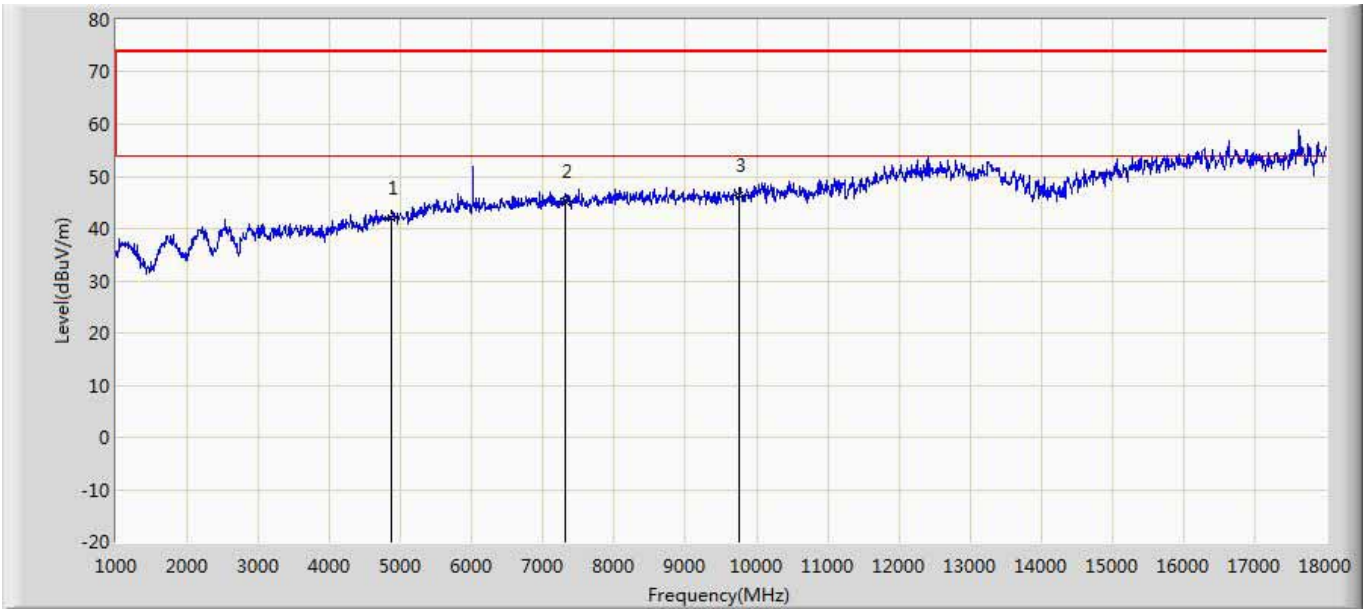
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	43.448	37.207	-30.552	74.000	6.241	PK
2		7266.000	45.921	35.914	-28.079	74.000	10.006	PK
3	*	9688.000	48.561	35.441	-25.439	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2422 by 11n40 Ant1	



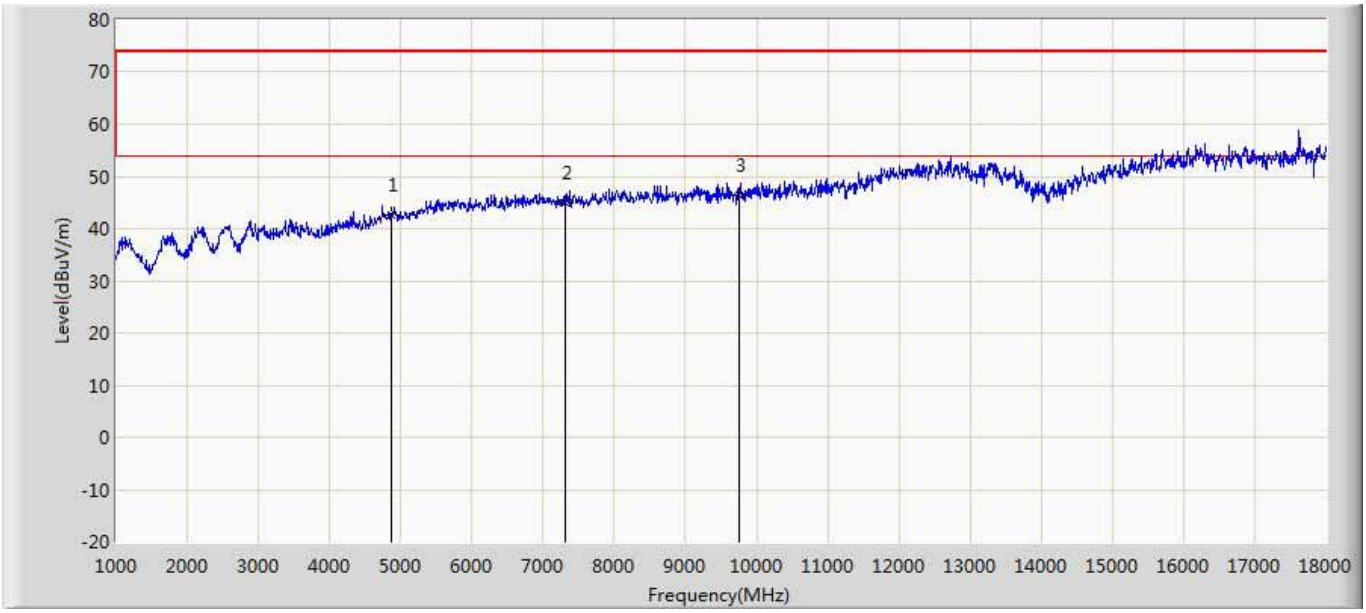
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	42.250	36.009	-31.750	74.000	6.241	PK
2		7266.000	44.624	34.617	-29.376	74.000	10.006	PK
3	*	9688.000	46.341	33.221	-27.659	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2437 by 11n40 Ant1	



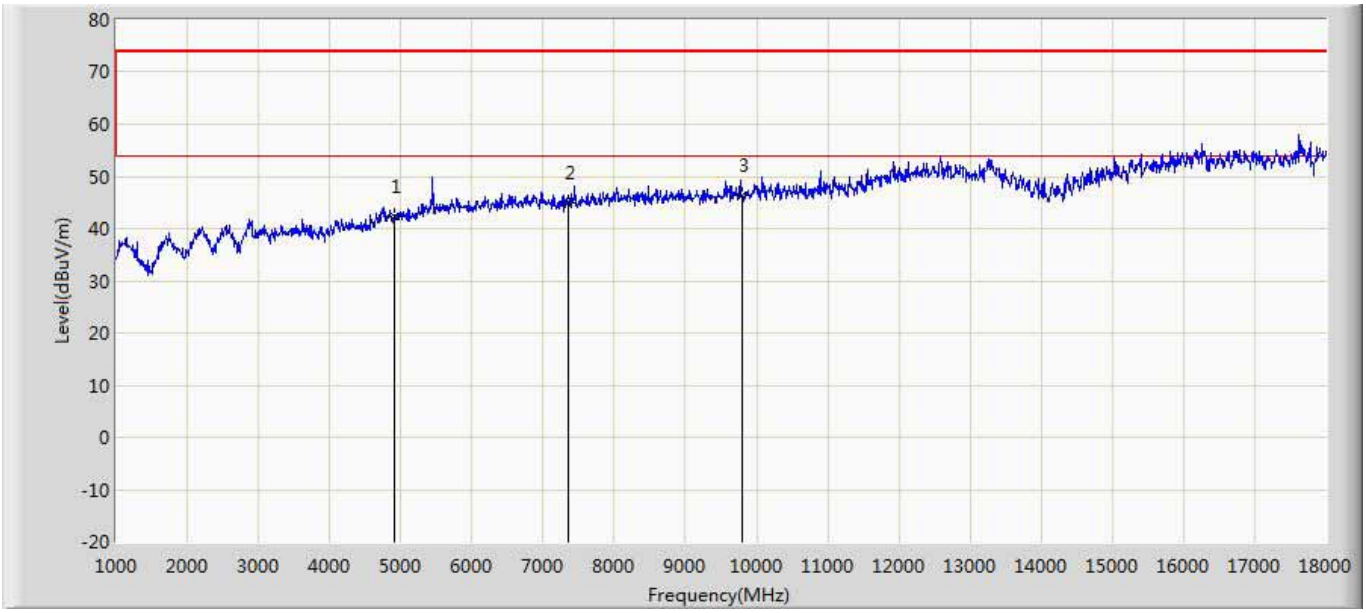
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.033	35.679	-31.967	74.000	6.354	PK
2		7311.000	45.216	35.260	-28.784	74.000	9.956	PK
3	*	9748.000	46.401	34.048	-27.599	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2437 by 11n40 Ant1	



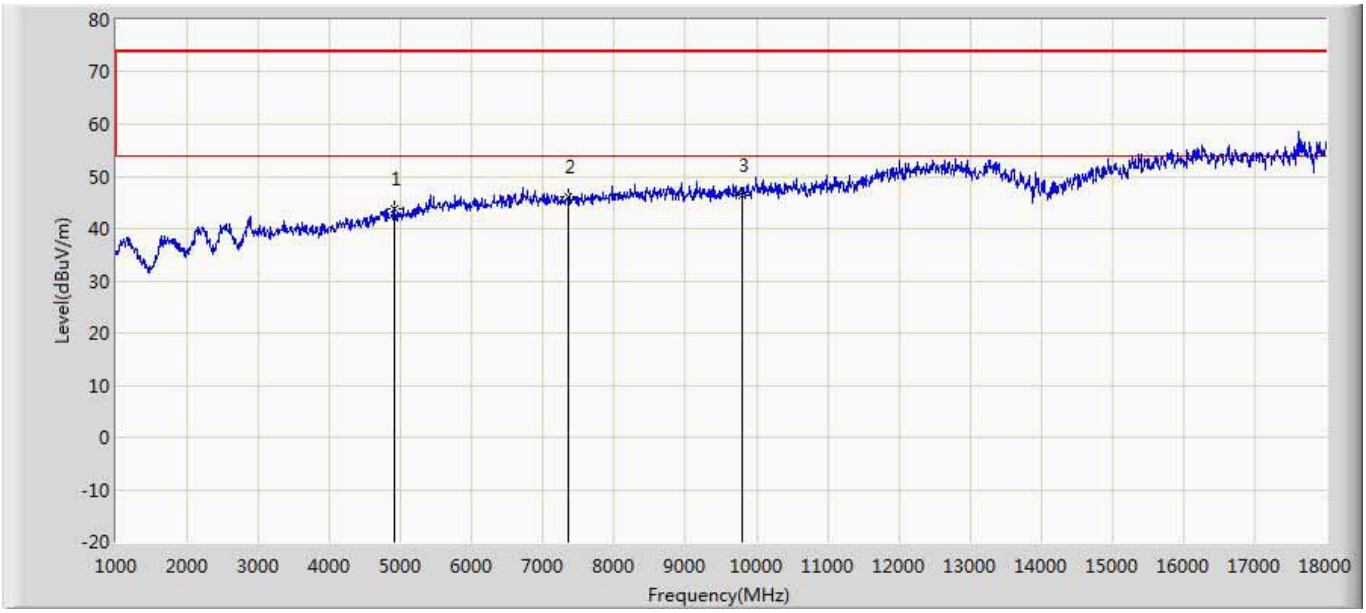
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.750	36.396	-31.250	74.000	6.354	PK
2		7311.000	44.806	34.850	-29.194	74.000	9.956	PK
3	*	9748.000	46.354	34.001	-27.646	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2452 by 11n40 Ant1	



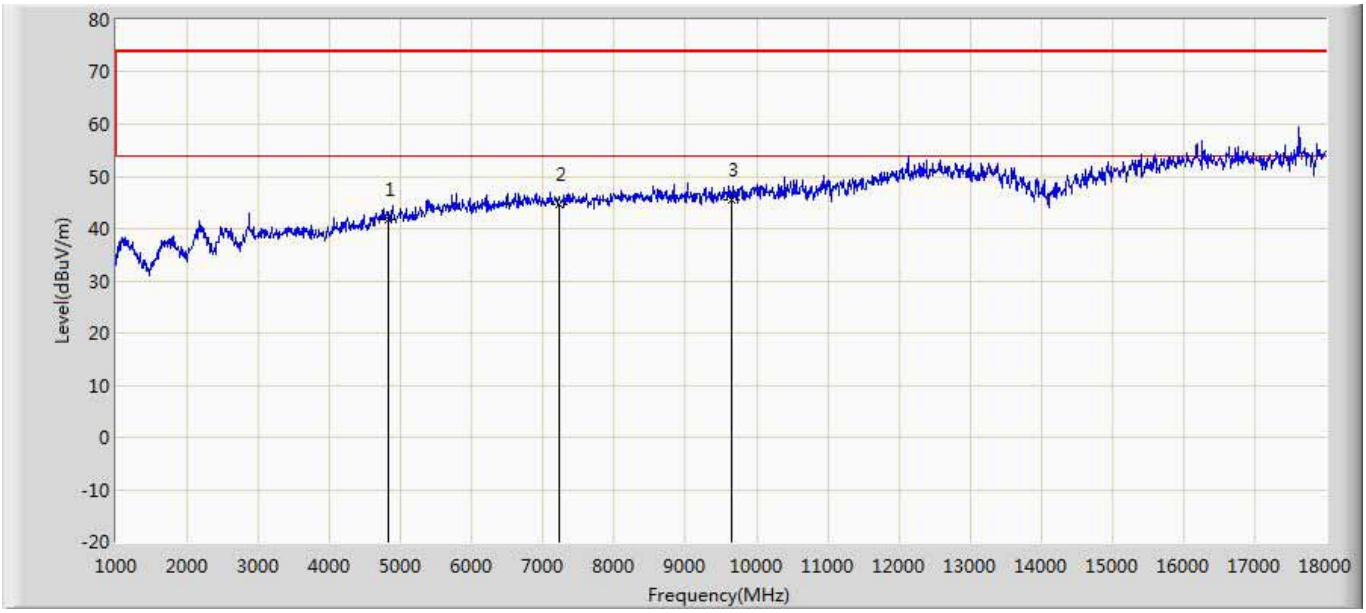
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	42.410	35.985	-31.590	74.000	6.425	PK
2		7356.000	44.953	34.577	-29.047	74.000	10.376	PK
3	*	9808.000	46.330	34.229	-27.670	74.000	12.101	PK

Site: AC5	Time: 2017/05/07 - 17:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 2452 by 11n40 Ant1	



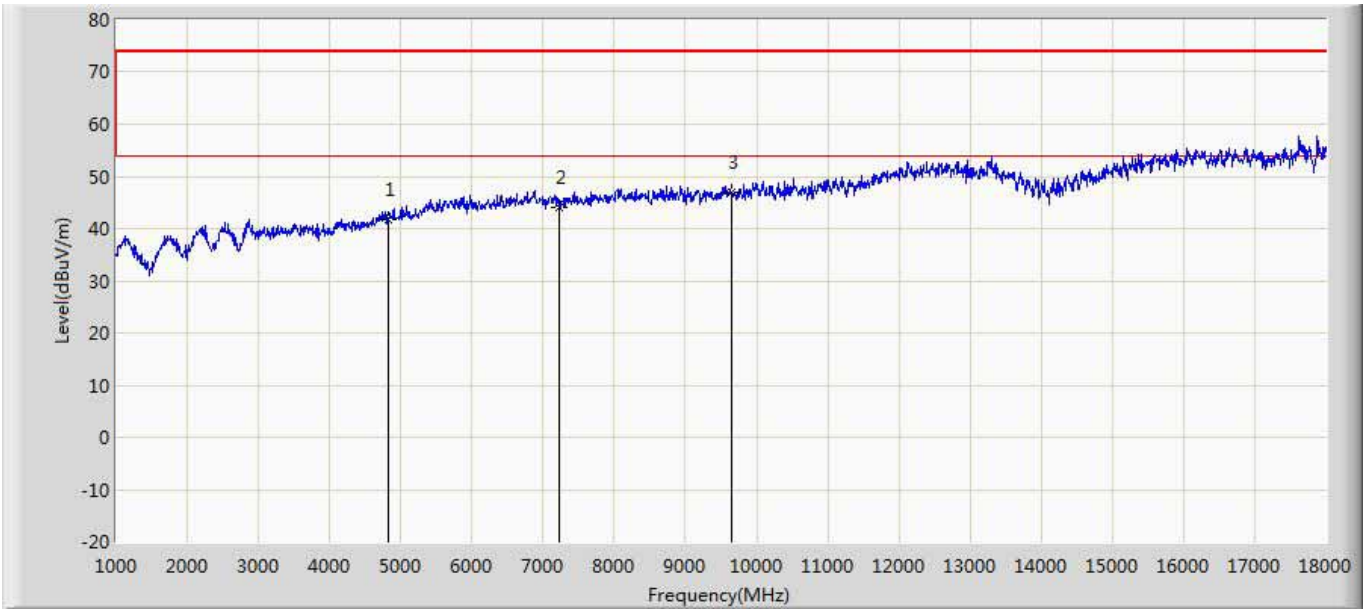
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	43.832	37.407	-30.168	74.000	6.425	PK
2		7356.000	46.042	35.666	-27.958	74.000	10.376	PK
3	*	9808.000	46.258	34.157	-27.742	74.000	12.101	PK

Site: AC5	Time: 2017/05/07 - 17:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2412 by 11b Ant0+1	



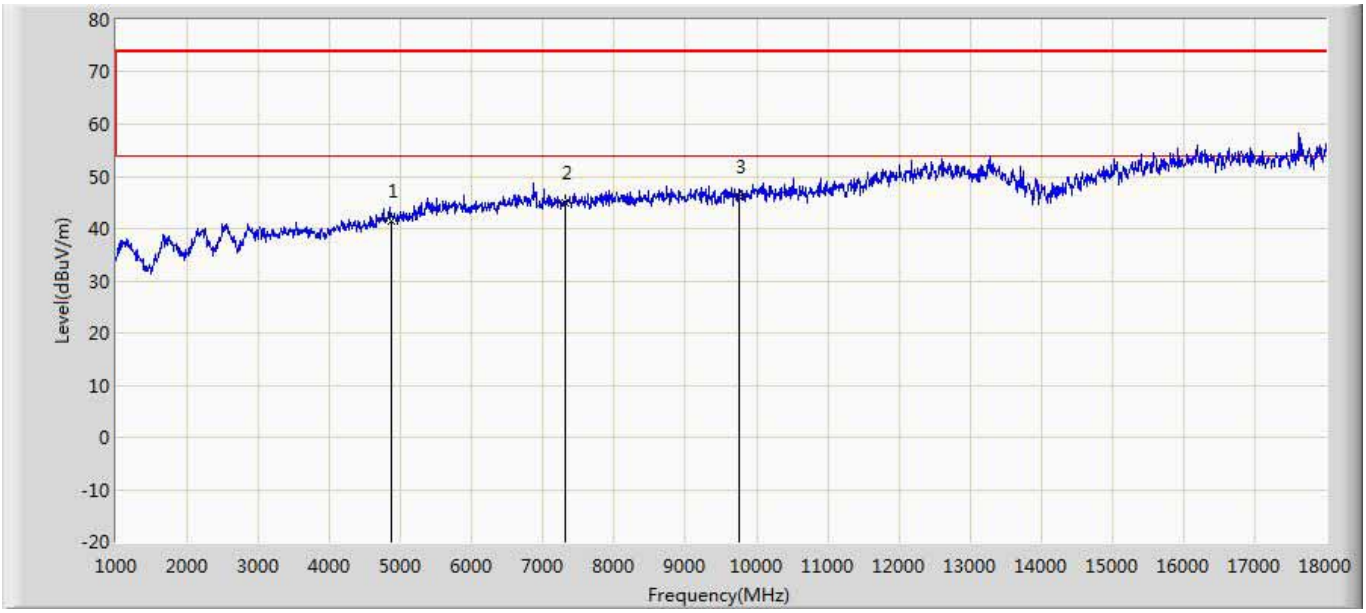
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.819	35.808	-32.181	74.000	6.011	PK
2		7236.000	44.768	34.539	-29.232	74.000	10.228	PK
3	*	9648.000	45.620	33.265	-28.380	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2412 by 11b Ant0+1	



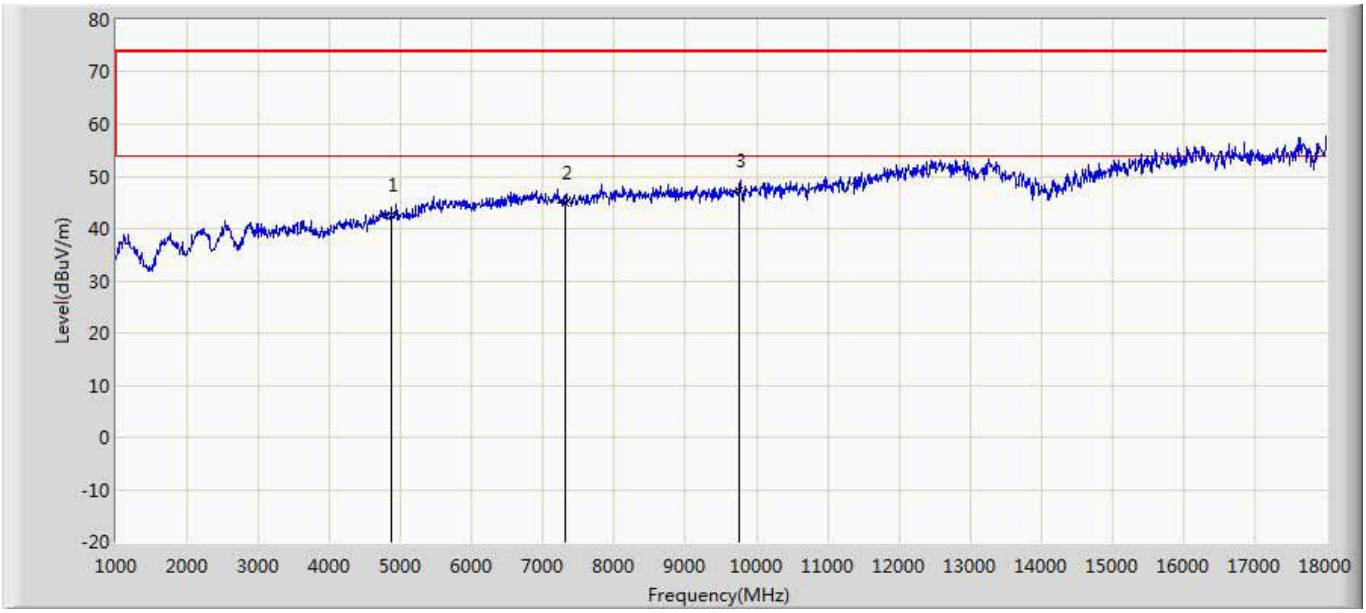
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.771	35.760	-32.229	74.000	6.011	PK
2		7236.000	44.099	33.870	-29.901	74.000	10.228	PK
3	*	9648.000	46.882	34.527	-27.118	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2437 by 11b Ant0+1	



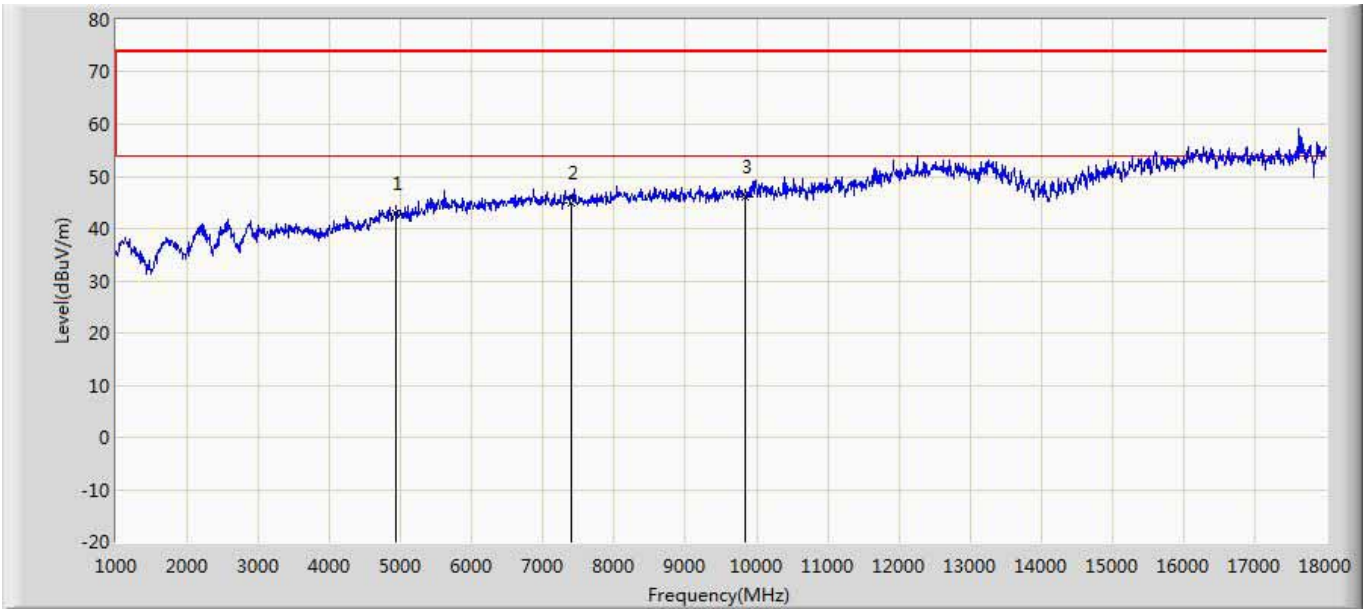
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.370	35.016	-32.630	74.000	6.354	PK
2		7311.000	44.922	34.966	-29.078	74.000	9.956	PK
3	*	9748.000	45.955	33.602	-28.045	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2437 by 11b Ant0+1	



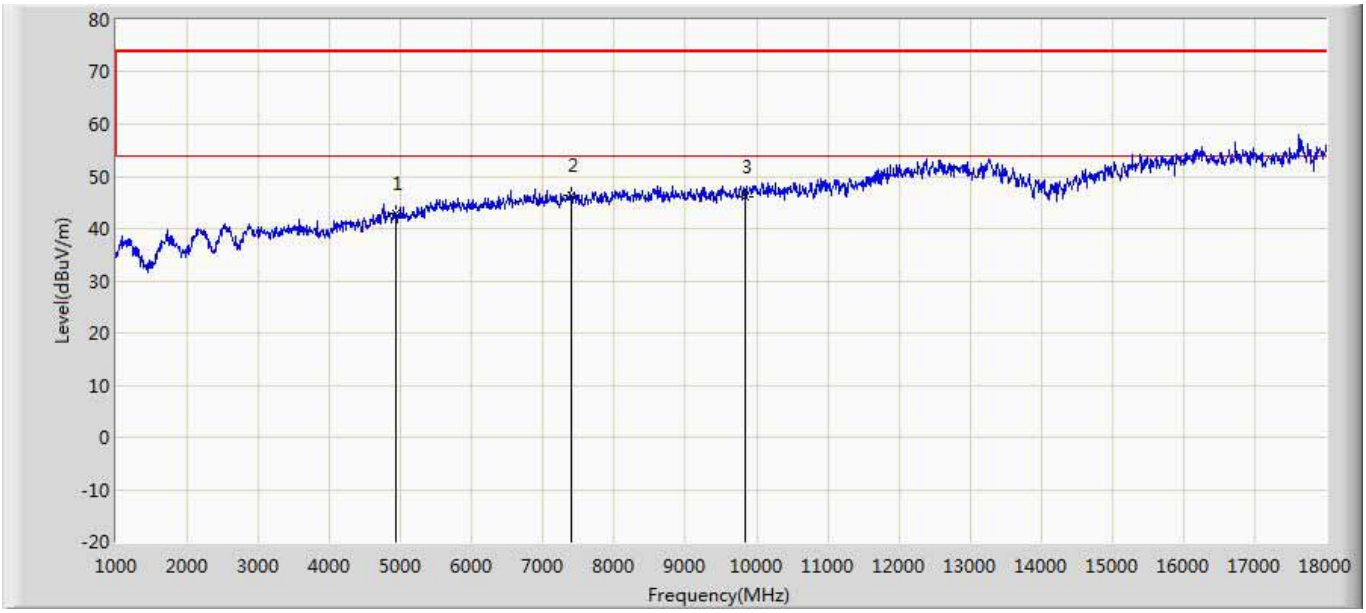
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.731	36.377	-31.269	74.000	6.354	PK
2		7311.000	44.970	35.014	-29.030	74.000	9.956	PK
3	*	9748.000	47.212	34.859	-26.788	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2462 by 11b Ant0+1	



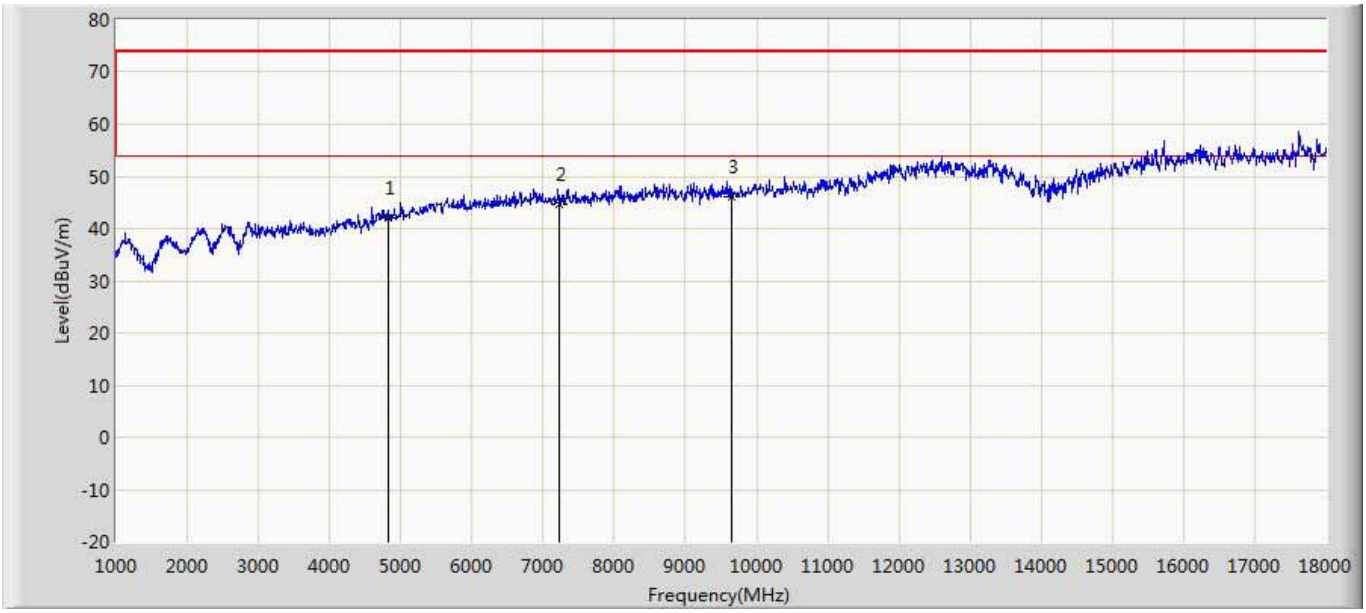
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	43.038	36.658	-30.962	74.000	6.379	PK
2		7386.000	44.812	34.979	-29.188	74.000	9.833	PK
3	*	9848.000	45.982	33.129	-28.018	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 2462 by 11b Ant0+1	



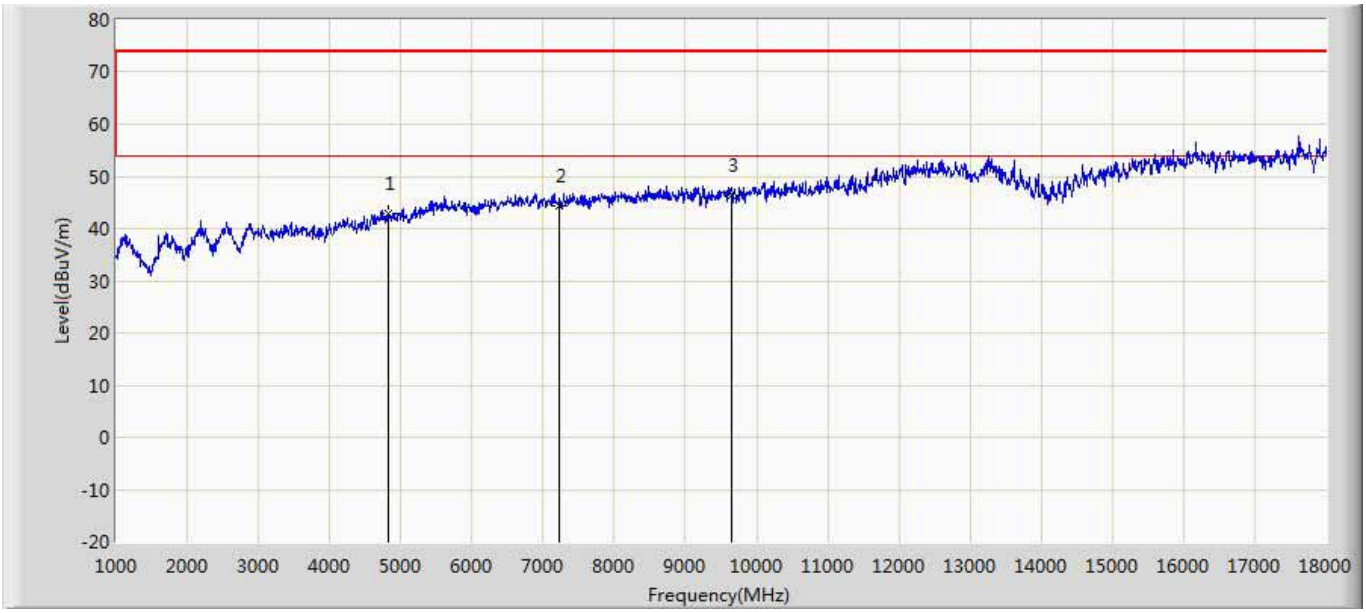
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.794	36.414	-31.206	74.000	6.379	PK
2	*	7386.000	46.413	36.580	-27.587	74.000	9.833	PK
3		9848.000	45.949	33.096	-28.051	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2412 by 11g Ant0+1	



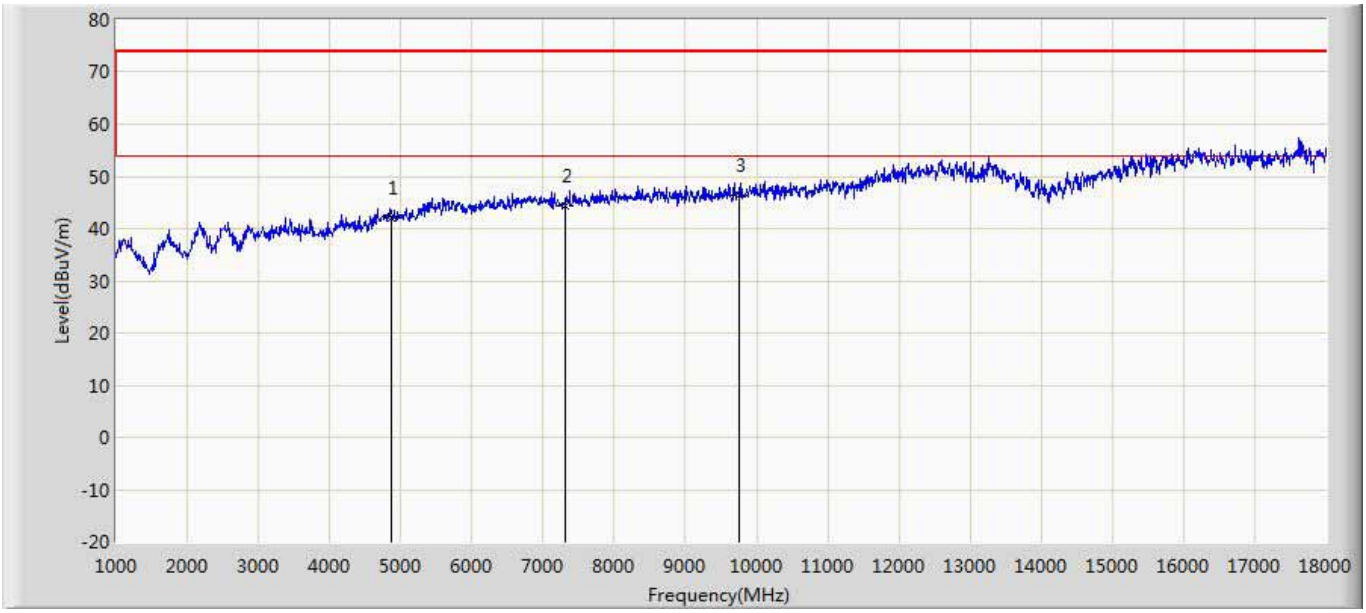
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.083	36.072	-31.917	74.000	6.011	PK
2		7236.000	44.773	34.544	-29.227	74.000	10.228	PK
3	*	9648.000	46.144	33.789	-27.856	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2412 by 11g Ant0+1	



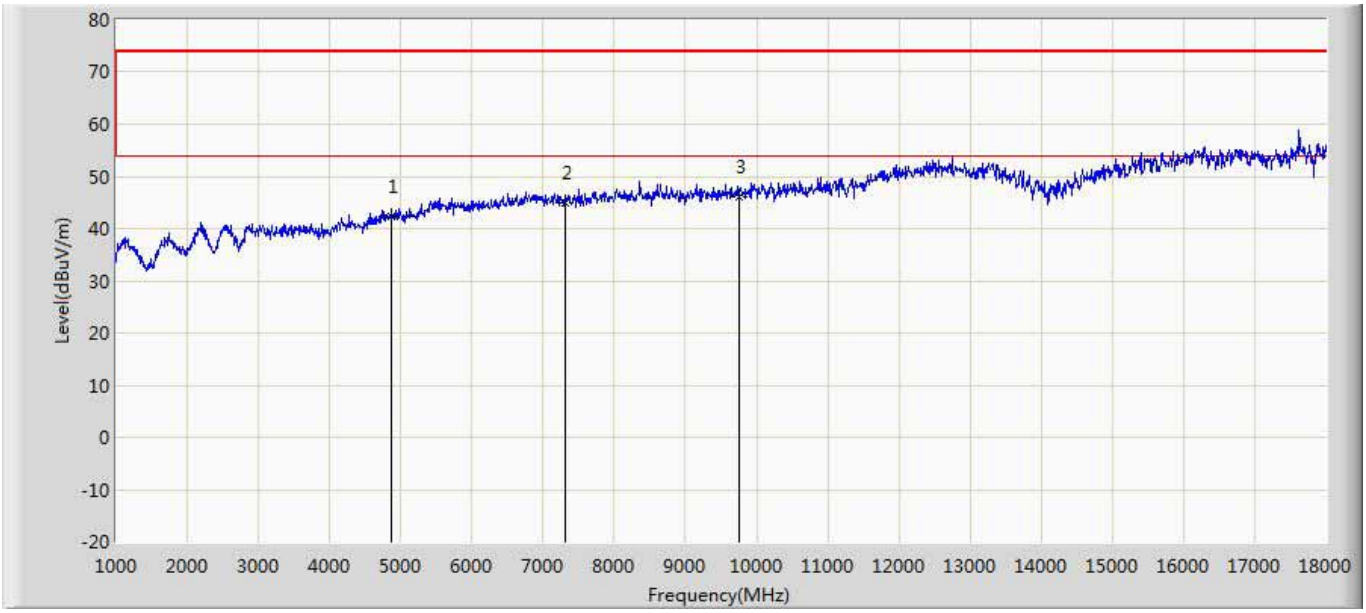
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	42.823	36.812	-31.177	74.000	6.011	PK
2		7236.000	44.237	34.008	-29.763	74.000	10.228	PK
3	*	9648.000	46.331	33.976	-27.669	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2437 by 11g Ant0+1	



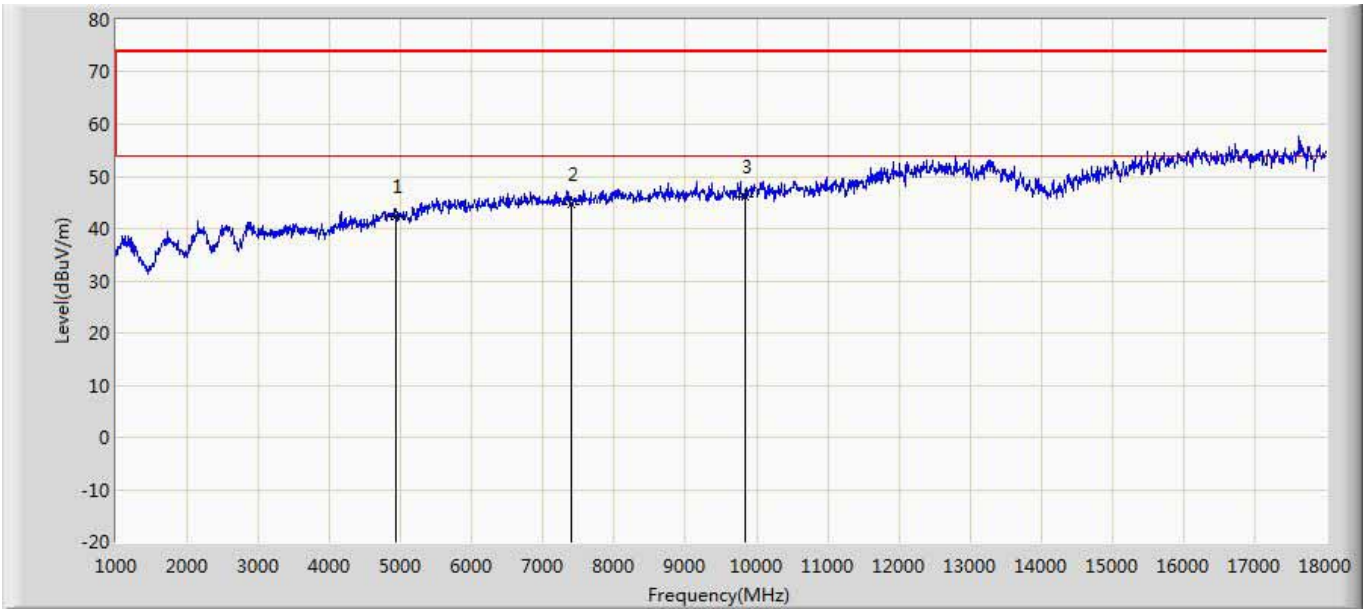
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	41.904	35.550	-32.096	74.000	6.354	PK
2		7311.000	44.481	34.525	-29.519	74.000	9.956	PK
3	*	9748.000	46.516	34.163	-27.484	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2437 by 11g Ant0+1	



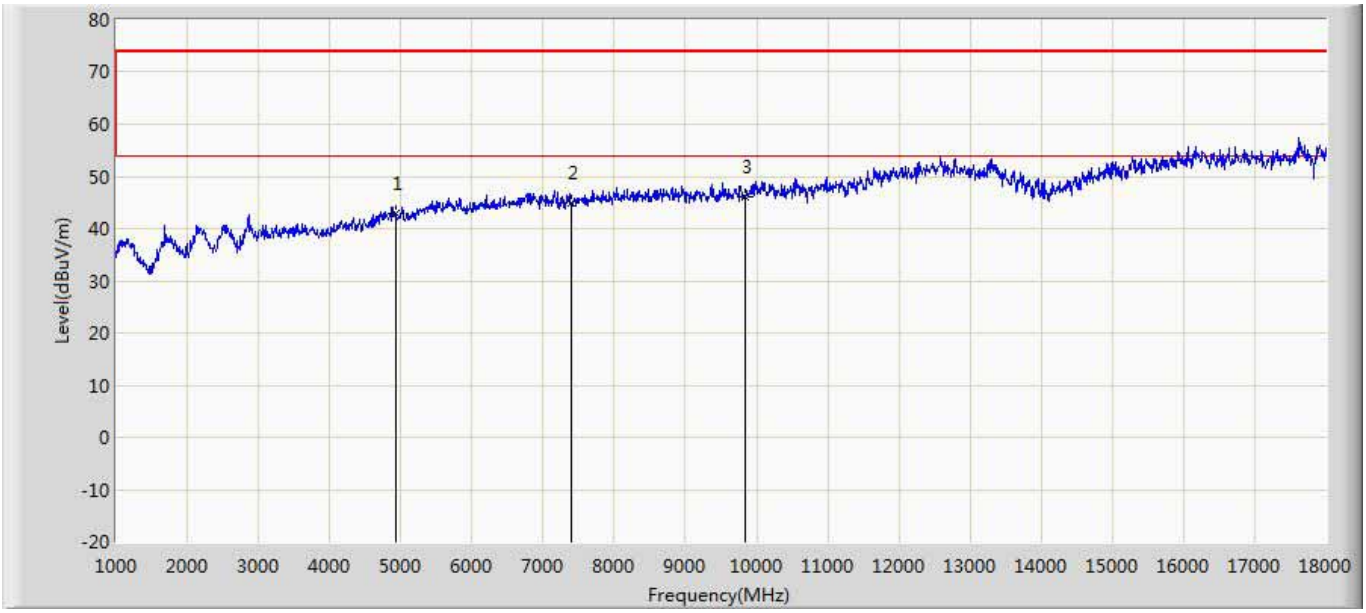
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.356	36.002	-31.644	74.000	6.354	PK
2		7311.000	44.794	34.838	-29.206	74.000	9.956	PK
3	*	9748.000	46.073	33.720	-27.927	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2462 by 11g Ant0+1	



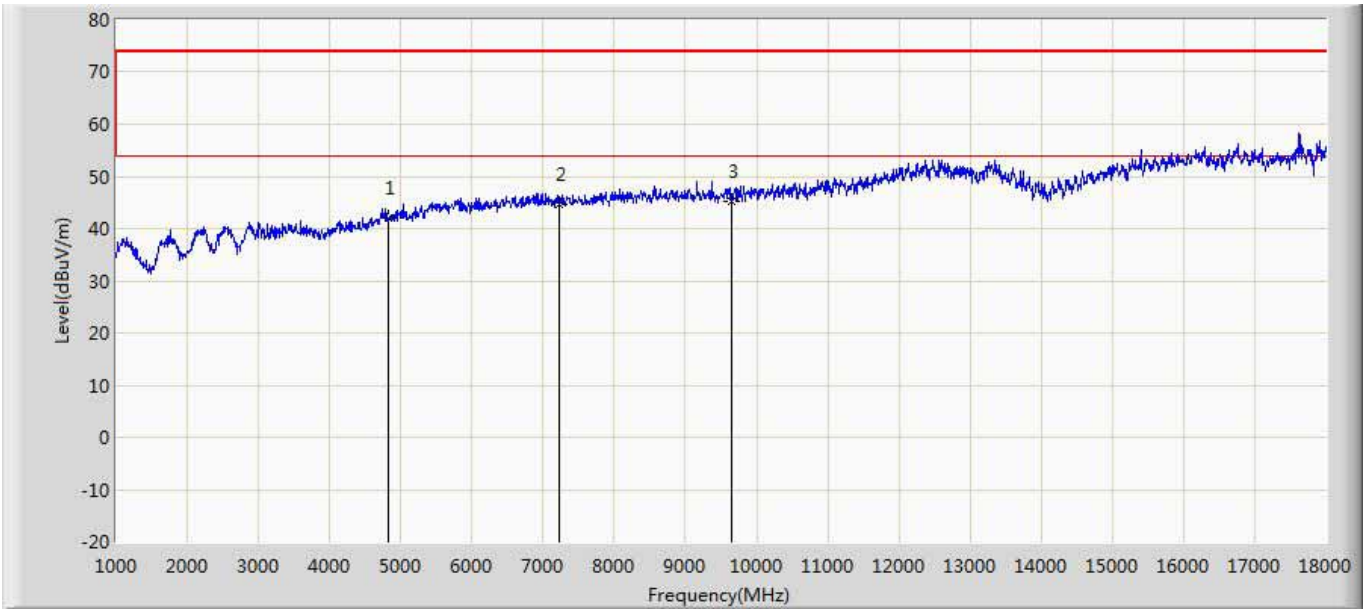
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.314	35.934	-31.686	74.000	6.379	PK
2		7386.000	44.702	34.869	-29.298	74.000	9.833	PK
3	*	9848.000	46.073	33.220	-27.927	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 2462 by 11g Ant0+1	



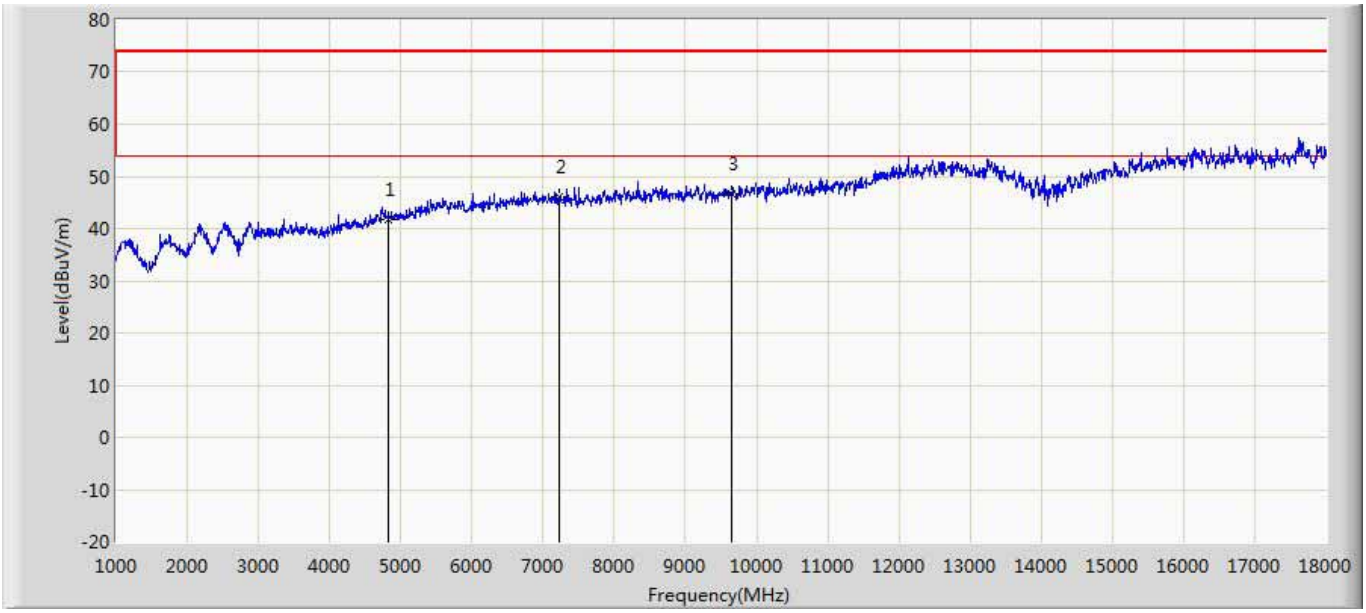
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.777	36.397	-31.223	74.000	6.379	PK
2		7386.000	44.980	35.147	-29.020	74.000	9.833	PK
3	*	9848.000	46.178	33.325	-27.822	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2412 by 11n20 Ant0+1	



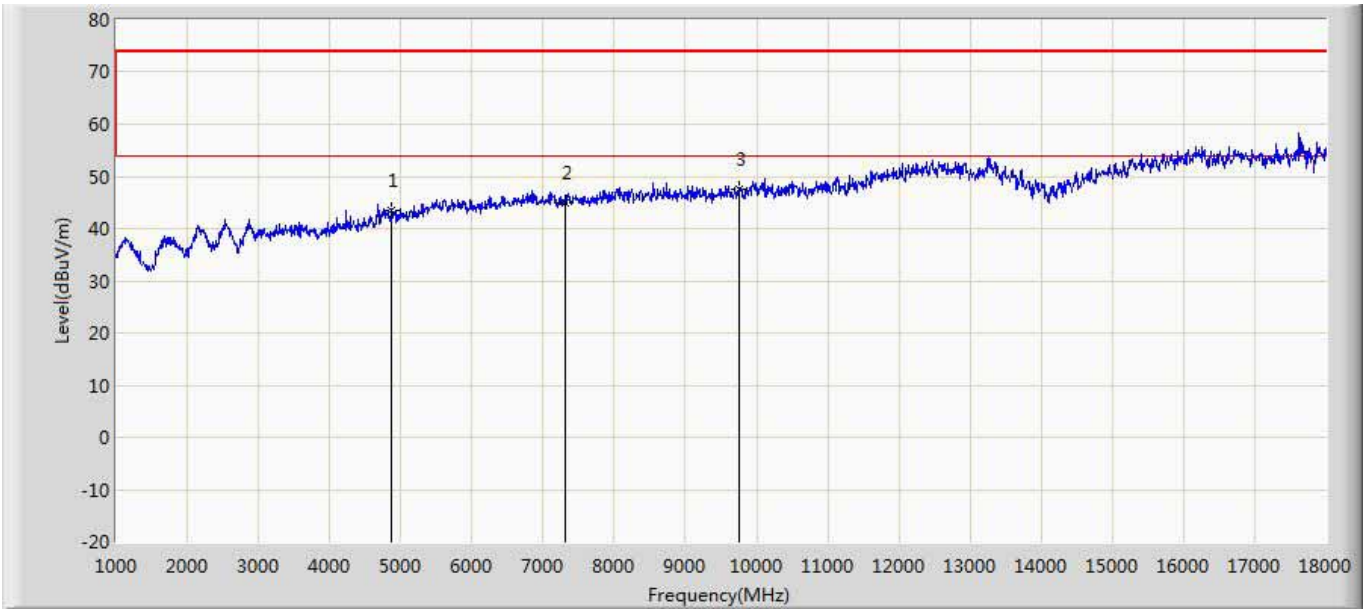
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.938	35.927	-32.062	74.000	6.011	PK
2		7236.000	44.690	34.461	-29.310	74.000	10.228	PK
3	*	9648.000	45.338	32.983	-28.662	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2412 by 11n20 Ant0+1	



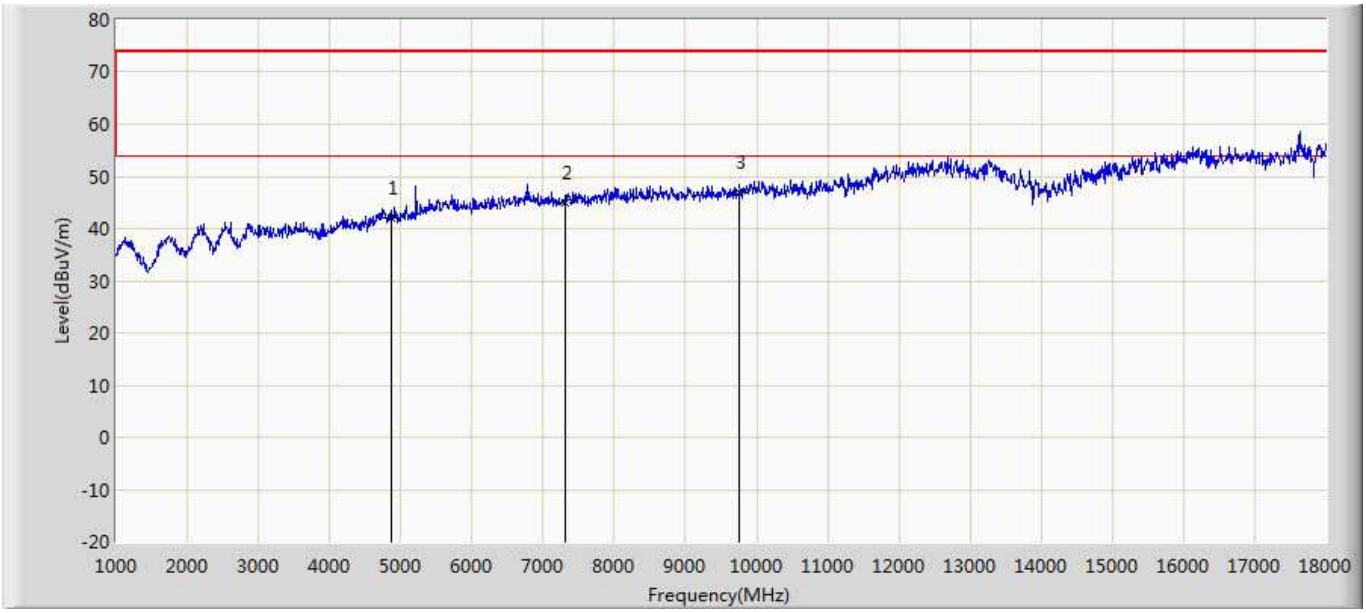
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.719	35.708	-32.281	74.000	6.011	PK
2		7236.000	46.088	35.859	-27.912	74.000	10.228	PK
3	*	9648.000	46.626	34.271	-27.374	74.000	12.356	PK

Site: AC5	Time: 2017/05/07 - 17:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2437 by 11n20 Ant0+1	



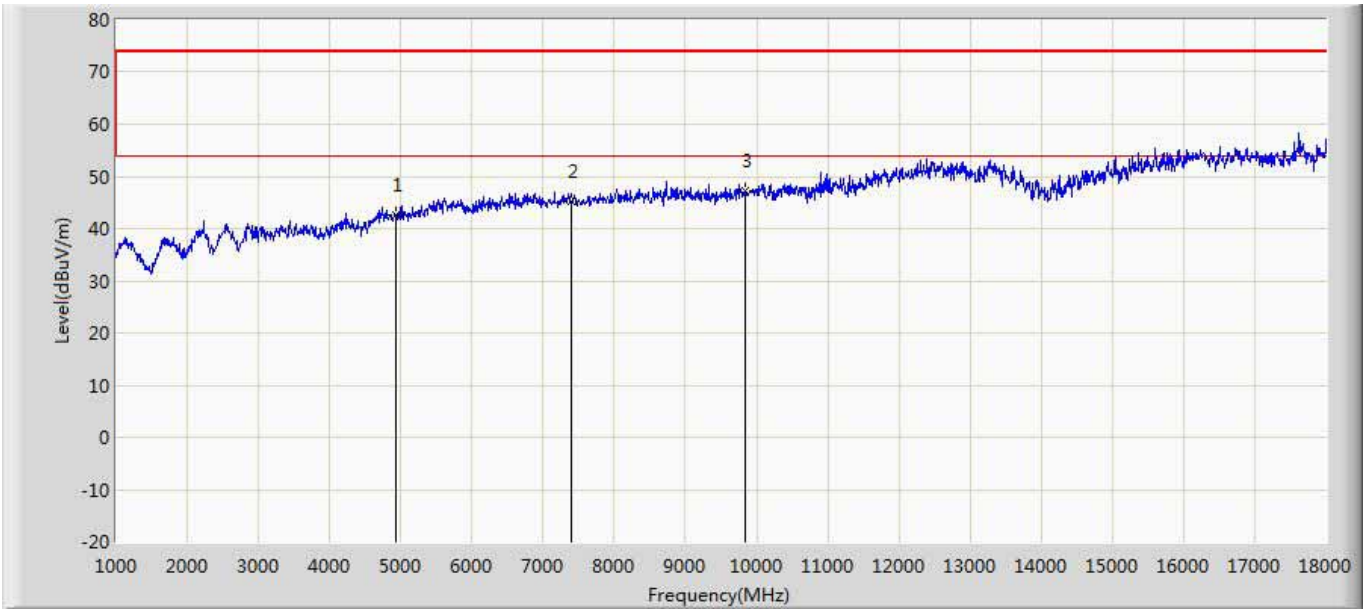
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	43.367	37.013	-30.633	74.000	6.354	PK
2		7311.000	45.006	35.050	-28.994	74.000	9.956	PK
3	*	9748.000	47.624	35.271	-26.376	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2437 by 11n20 Ant0+1	



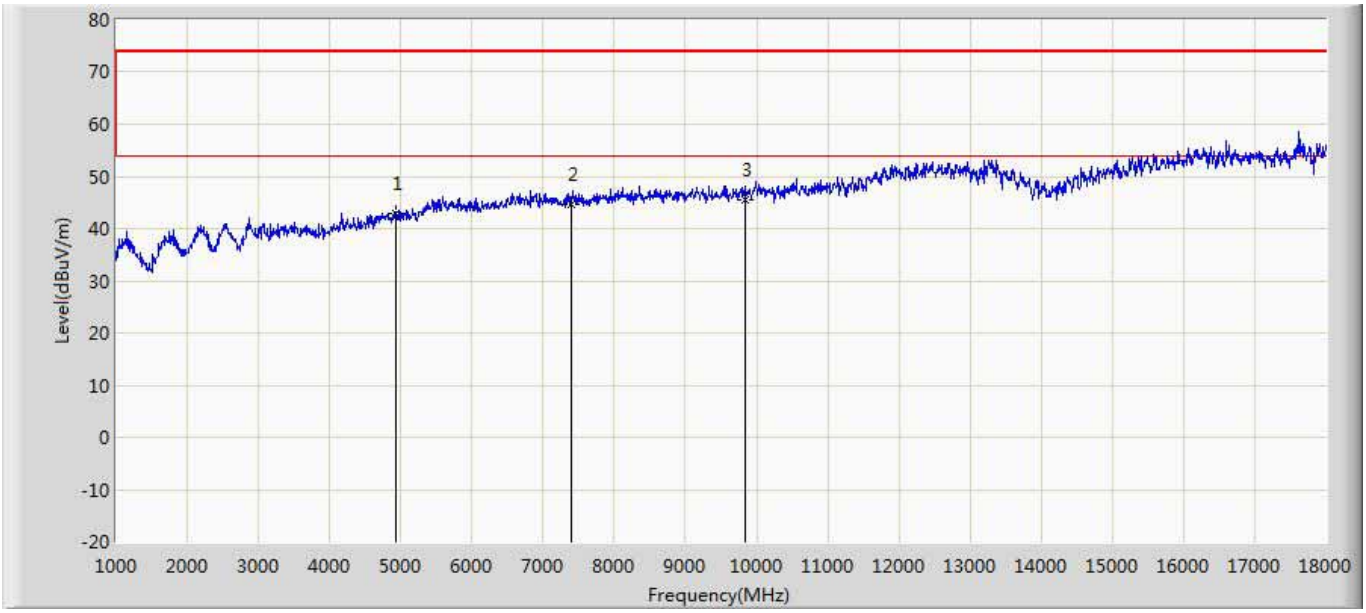
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.168	35.814	-31.832	74.000	6.354	PK
2		7311.000	44.915	34.959	-29.085	74.000	9.956	PK
3	*	9748.000	46.879	34.526	-27.121	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2462 by 11n20 Ant0+1	



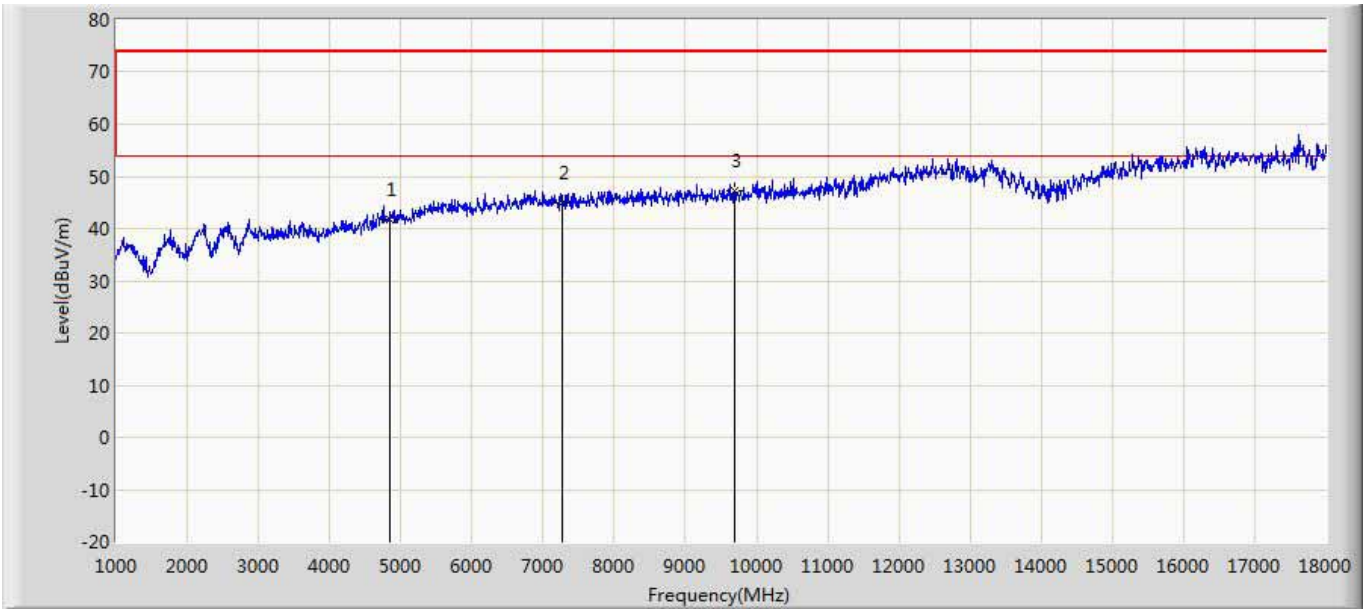
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.753	36.373	-31.247	74.000	6.379	PK
2		7386.000	45.321	35.488	-28.679	74.000	9.833	PK
3	*	9848.000	47.109	34.256	-26.891	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 2462 by 11n20 Ant0+1	



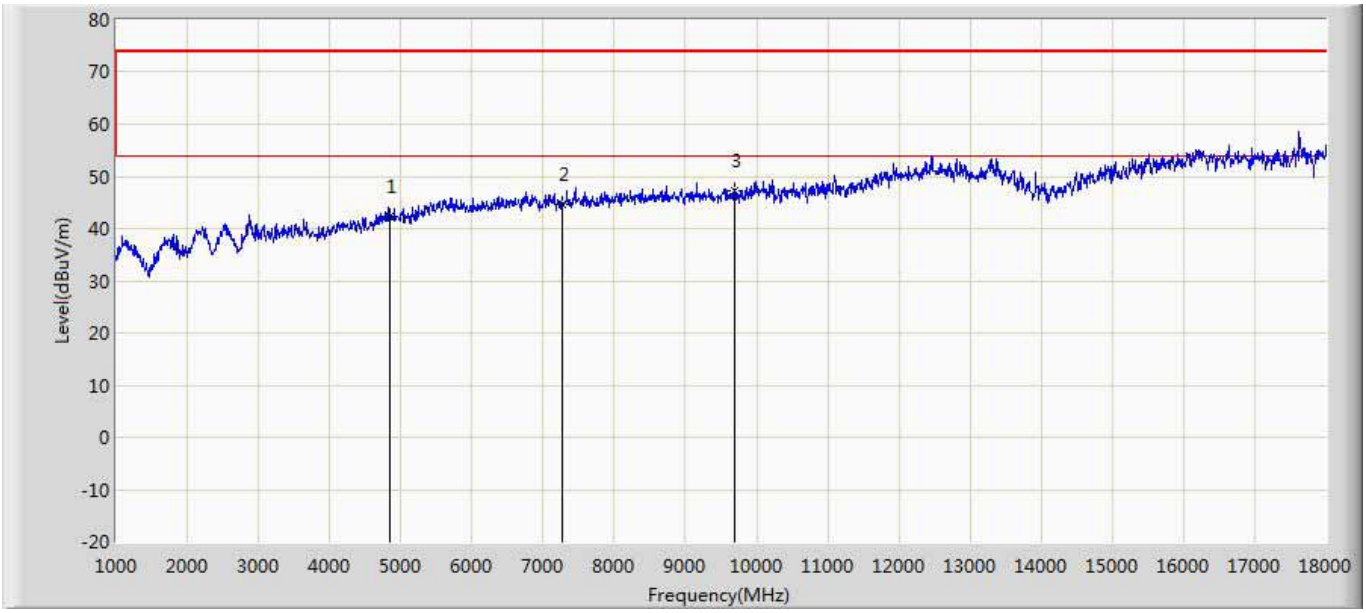
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.924	36.544	-31.076	74.000	6.379	PK
2		7386.000	44.540	34.707	-29.460	74.000	9.833	PK
3	*	9848.000	45.398	32.545	-28.602	74.000	12.853	PK

Site: AC5	Time: 2017/05/07 - 17:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2422 by 11n40 Ant0+1	



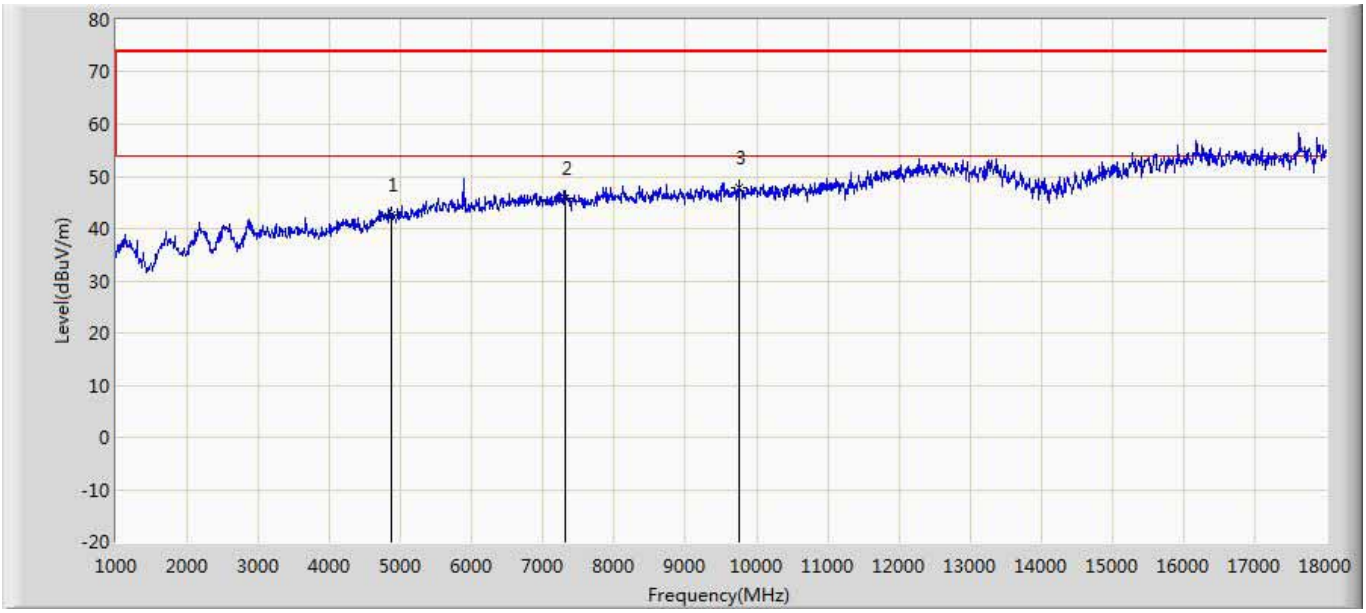
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	41.614	35.373	-32.386	74.000	6.241	PK
2		7266.000	44.945	34.938	-29.055	74.000	10.006	PK
3	*	9688.000	47.177	34.057	-26.823	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 17:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2422 by 11n40 Ant0+1	



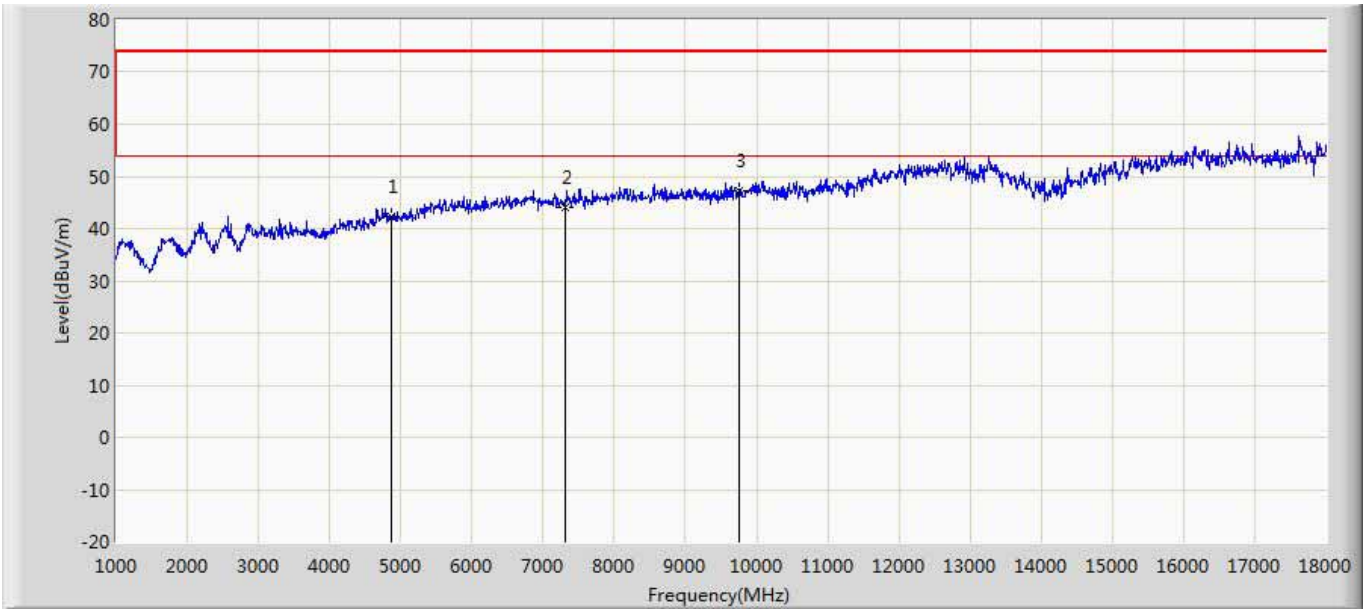
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	42.288	36.047	-31.712	74.000	6.241	PK
2		7266.000	44.746	34.739	-29.254	74.000	10.006	PK
3	*	9688.000	47.368	34.248	-26.632	74.000	13.120	PK

Site: AC5	Time: 2017/05/07 - 17:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2437 by 11n40 Ant0+1	



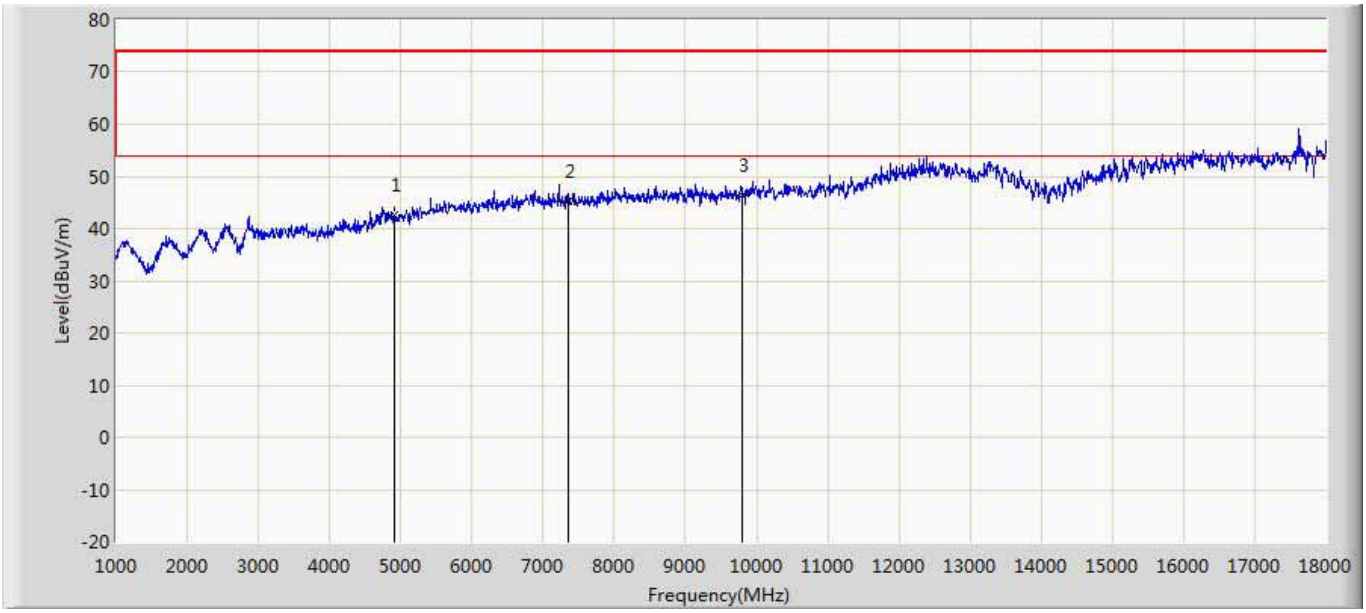
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.662	36.308	-31.338	74.000	6.354	PK
2		7311.000	45.671	35.715	-28.329	74.000	9.956	PK
3	*	9748.000	47.963	35.610	-26.037	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2437 by 11n40 Ant0+1	



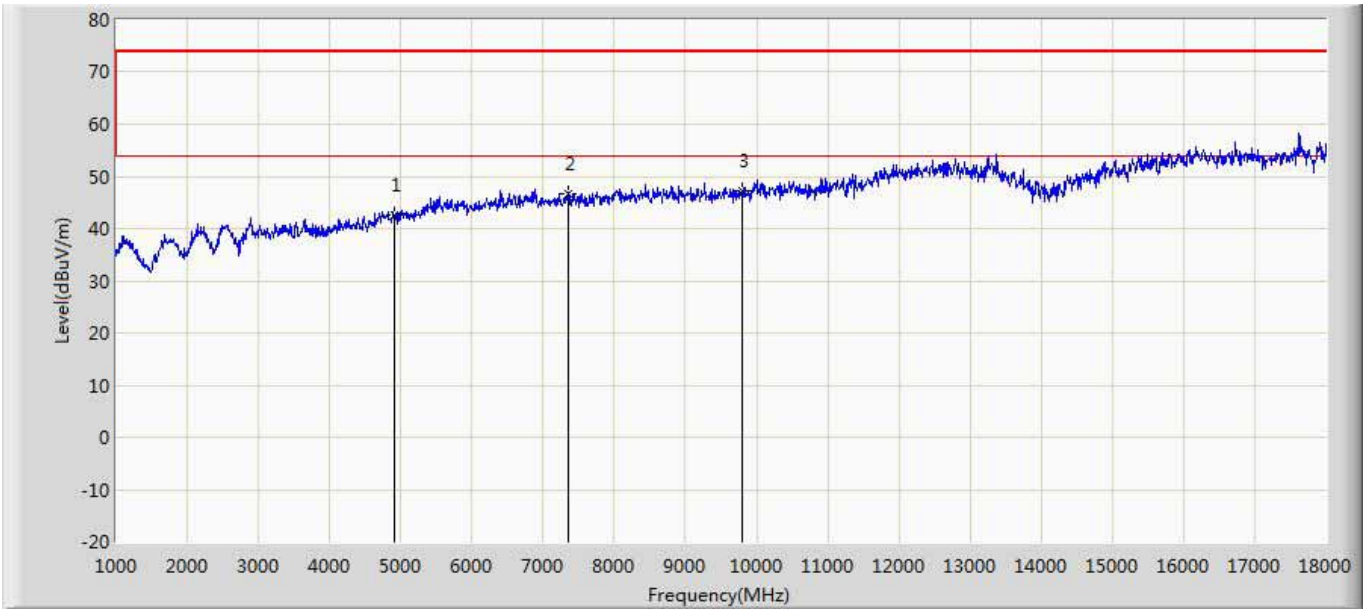
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	42.368	36.014	-31.632	74.000	6.354	PK
2		7311.000	44.066	34.110	-29.934	74.000	9.956	PK
3	*	9748.000	47.274	34.921	-26.726	74.000	12.353	PK

Site: AC5	Time: 2017/05/07 - 17:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2452 by 11n40 Ant0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	42.669	36.244	-31.331	74.000	6.425	PK
2		7356.000	45.359	34.983	-28.641	74.000	10.376	PK
3	*	9808.000	46.244	34.143	-27.756	74.000	12.101	PK

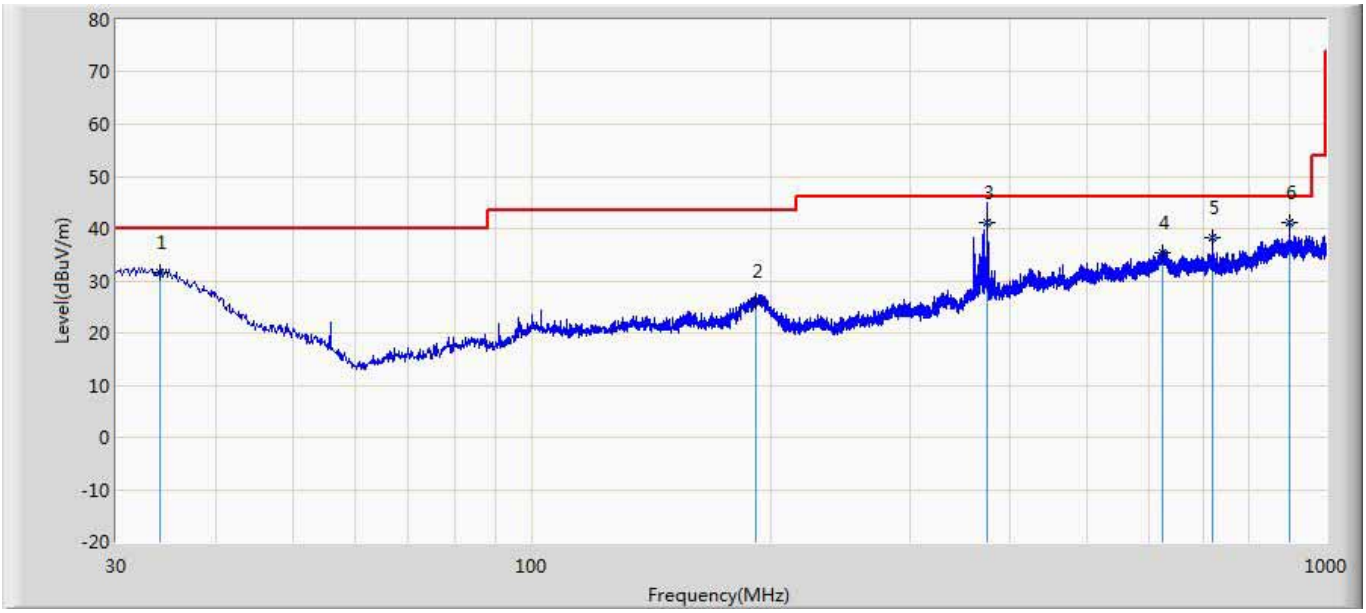
Site: AC5	Time: 2017/05/07 - 17:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 2452 by 11n40 Ant0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	42.510	36.085	-31.490	74.000	6.425	PK
2		7356.000	46.577	36.201	-27.423	74.000	10.376	PK
3	*	9808.000	47.234	35.133	-26.766	74.000	12.101	PK

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2017/04/26
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CB7_CBL6112_0726	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1	

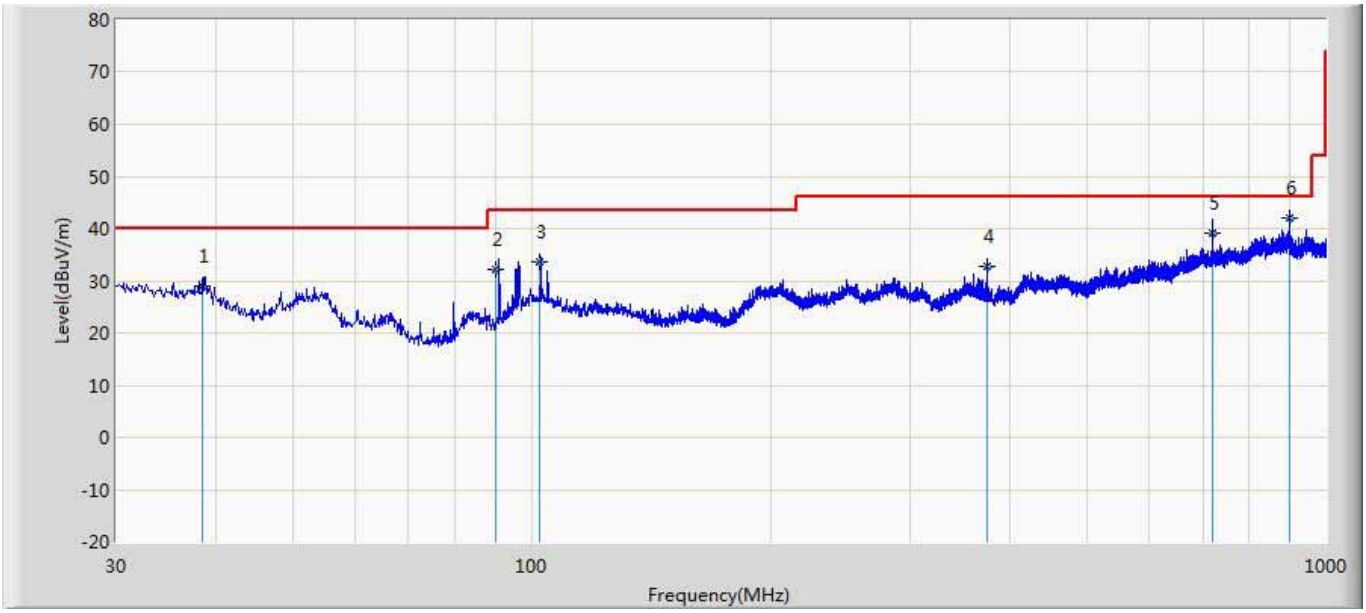


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		34.120	31.507	37.619	-8.493	40.000	16.411	0.632	23.155	100	145	QP
2		191.300	26.213	38.617	-17.287	43.500	9.239	1.500	23.143	200	65	QP
3		375.150	41.210	46.728	-4.790	46.000	15.354	2.128	23.000	100	145	QP
4		623.140	35.264	36.079	-10.736	46.000	19.000	2.740	22.555	100	145	QP
5		720.120	38.302	38.645	-7.698	46.000	19.262	2.975	22.580	200	65	QP
6	*	900.120	41.225	40.223	-4.775	46.000	20.501	3.300	22.800	100	145	QP

Note:

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

Site: AC2	Time: 2017/04/26
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CB7_CBL6112_0726	Polarity: Vertical
EUT: AP	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		38.560	29.120	37.835	-10.880	40.000	13.835	0.678	23.228	100	145	QP
2		90.120	32.221	45.217	-11.279	43.500	9.124	1.020	23.140	200	360	QP
3		102.400	33.724	44.451	-9.776	43.500	11.340	1.096	23.164	100	2	QP
4		374.200	32.761	38.312	-13.239	46.000	15.329	2.120	23.000	200	23	QP
5		720.100	38.990	39.334	-7.010	46.000	19.262	2.974	22.580	100	25	QP
6	*	900.120	42.039	41.037	-3.961	46.000	20.501	3.300	22.800	100	2	QP

Note:

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

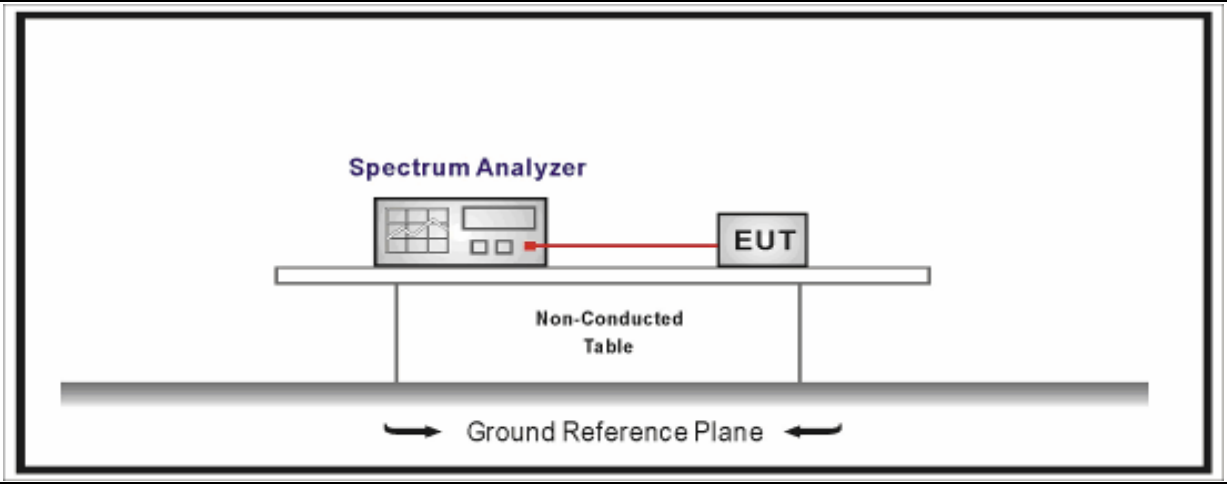
5. Emissions in non-restricted frequency bands

5.1. Test Equipment

Occupied Bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.08
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup

Occupied Bandwidth test setup:



5.3. Limit

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

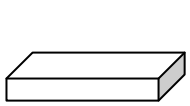
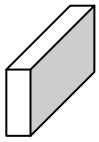
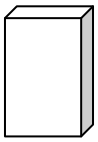
Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

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

5.4. Test Procedure

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

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Emissions in non-restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1 ~ Mode 4</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
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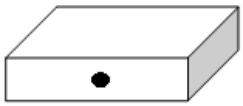
<tr><td></td><td colspan="3">  </td></tr>
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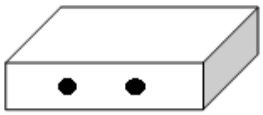
<tr><td></td><td colspan="3">  </td></tr>
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5.6. Test Result

Product Name	:	AP	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1-4	Test Site	:	AC-5
Test Date	:	2017.03.31			

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	10.915	2400	-43.255	54.170	>30	Pass
1	11	2462	9.885	2483.5	-45.272	55.157	>30	Pass
2	01	2412	3.635	2400	-27.818	31.453	>30	Pass
2	11	2462	3.891	2483.5	-44.400	48.291	>30	Pass
3	01	2412	3.759	2400	-28.378	32.137	>30	Pass
3	11	2462	3.974	2483.5	-44.086	48.060	>30	Pass
4	03	2422	-1.777	2400	-33.204	31.427	>30	Pass
4	09	2452	-1.290	2483.5	-45.071	43.781	>30	Pass

Note 1: We have evaluated each antennas, shown in the report is the worst data.

Note 2:The worst data of Emissions in non-restricted frequency bands as below:

3: As the radiated emission was performed, so conducted emission was only tested for the nearest emission of fundamental frequency.

4: In-Band PSD[a] data is tested by Mid channel.

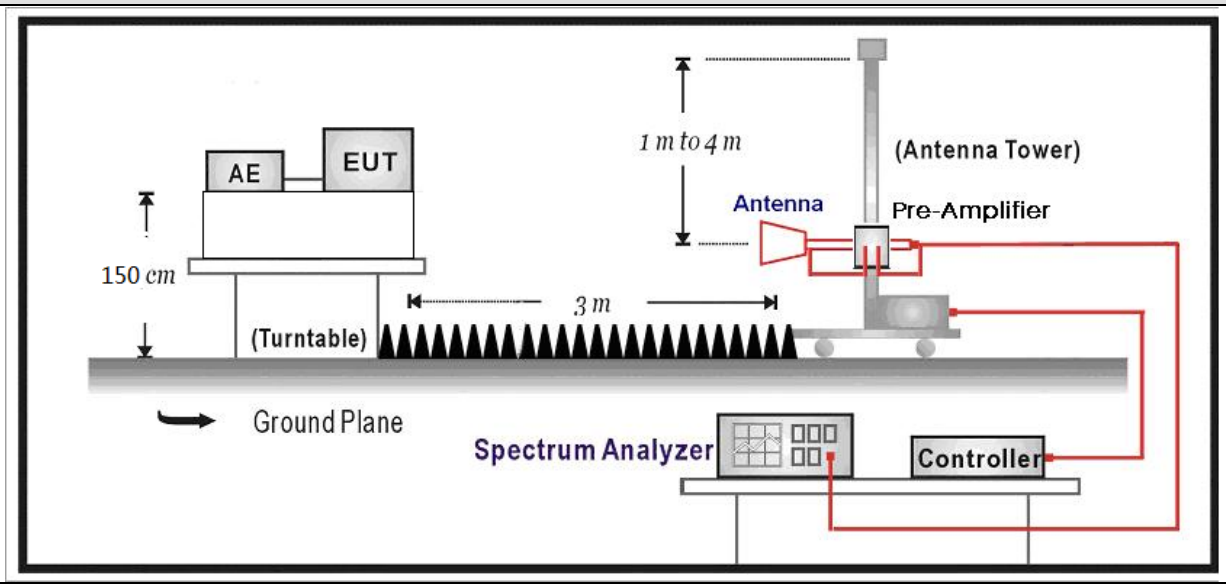
Mode 4 CH03(2422MHz)

6. Radiated Emission Band Edge

6.1. Test Equipment

Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2016.07.16	2017.07.15
Pre-Amplifier	Miteq	NSP1800-25	1364185	2017.05.03	2018.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2016.07.12	2017.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.09.18	2017.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.02.28	2018.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.02.28	2018.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.05	2018.01.04
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup

Above 1GHz Test Setup:


6.3. Limit

Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	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
☒	ANSI C63.10				6.10	Band-edge testing
	☒	ANSI C63.10			6.10.5	Restricted-band band-edge measurements
	☐	ANSI C63.10			6.10.6	Marker-delta method
☒	ANSI C63.10				11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10			11.12.1	Radiated emission measurements
	☒	ANSI C63.10			11.12.2.7	Radiated spurious emission test
☐	ANSI C63.10				6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10				6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10				6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
		☐	ANSI C63.10		11.12.2.3	Quasi-peak measurement procedure
		☐	ANSI C63.10		11.12.2.4	Peak power measurement procedure
		☒	ANSI C63.10		11.12.2.5	Average power measurement procedures
			☐	ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
			☐	ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
			☒	ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

6.5. EUT test definition

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<tr><td>Test mode</td><td colspan="4">Mode 1~4</td></tr>
<tr><td rowspan="13">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
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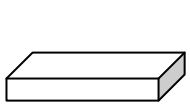
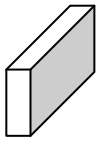
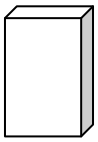
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
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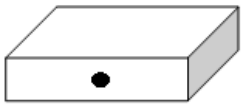
<tr><td></td><td colspan="3">  </td></tr>
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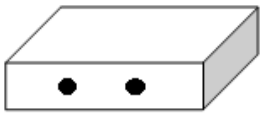
<tr><td></td><td colspan="3">  </td></tr>
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