Test Report

FCC Part15 Subpart E

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	:	May. 27, 2017
Report No.	:	1732120R-RF-US-P09V02
Report Version	:	V1.0

Test Report Certification

Issued Date : May. 27th, 2017
Report No. : 1732120R-RF-US-P09V02

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 E ANSI C63.4:2014; ANSI C63.10:2013; 789033 D02 General UNII Test Procedures New Rules v01r04 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;

Documented By : Kathy Feng

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Reviewed By : Frank he

(Senior Engineer: Frank He)

Approved By : Harry Zhao

(Engineering Manager: Harry Zhao)

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History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1732120R-RF-US-P09V02	V1.0	Initial Issued Report	May. 27th, 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						
Type of Modulation	OFDM						
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps						
	802.11n: up to 150Mbps						
	802.11ac: up to 433.3Mbps						
Channel Control	Auto						
Transmit modes	☒	802.11a	☒	802.11n(20MHz)	☒	802.11n(40MHz)	
	☒	802.11ac(20MHz)	☒	802.11ac(40MHz)	☒	802.11ac(80MHz)	
Support Bands	☒	5150MHz~5250MHz	☒	Outdoor AP			
			☐	Indoor AP			
			☐	Fixed point-to-point AP			
			☒	Fixed point-to-Multi point AP			
			☐	Mobile and Portable Client			
	☐	5250MHz~5350MHz					
	☐	5470MHz~5725MHz	☐	With TDWR Channels			
			☐	Without TDWR Channels			
	☒	5725MHz~5850MHz					

1.2. Antenna information

Configuration #1

Antenna Model No.	EXO-515912V-NM-P					
Antenna manufacturer	Exceltek Electrronics Technology(DG) Co., Ltd					
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		
			☐	Cross-polarize Antenna		
	☐	Internal	☐	PIFA		
			☐	PCB		
			☐	Ceramic Chip Antenna		
			☐	Metal plate type F antenna		
			☐	Cross-polarize Antenna		
Antenna Gain #1	12 dBi					
Antenna Gain #2	12 dBi					
Antenna Gain #0*(Note1)	-3 dBi					
Antenna Gain #1*(Note1)	-3 dBi					
Note1: The antenna gain show above is the highest gain which has highest radiation pattern between 30 ° and 90 ° according to KDB 789033D02v01r04.						

Configuration #2

Antenna Model No.	Exd-5159VH-2N-60P						
Antenna manufacturer	Exceltek Electrronics Technology(DG) Co., Ltd						
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			
			☒	Cross-polarize Antenna			
	☐	Internal	☐	PIFA			
			☐	PCB			
			☐	Ceramic Chip Antenna			
			☐	Metal plate type F antenna			
			☐	Cross-polarize Antenna			
Antenna Gain #1	14 dBi						
Antenna Gain #2	14 dBi						
Antenna Gain #0*(Note1)	-4 dBi						
Antenna Gain #1*(Note1)	-4 dBi						
Note1: The antenna gain show above is the highest gain which has highest radiation pattern between 30 ° and 90 ° according to KDB 789033D02v01r04.							

1.3. Working Frequency of Each Channel:

802.11a/n/ac(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825MHz	N/A	N/A	N/A	N/A	N/A	N/A
802.11n/ac(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	151	5755 MHz	159	5795 MHz
802.11ac(80MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	155	5775 MHz	N/A	N/A	N/A	N/A

1.4. Mode of Operation

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit by 802.11a
Mode 2: Transmit by 802.11n(20MHz)
Mode 3: Transmit by 802.11n(40MHz)
Mode 4: Transmit by 802.11ac(20MHz)
Mode 5: Transmit by 802.11ac(40MHz)
Mode 6: Transmit by 802.11ac(80MHz)

Note 1: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

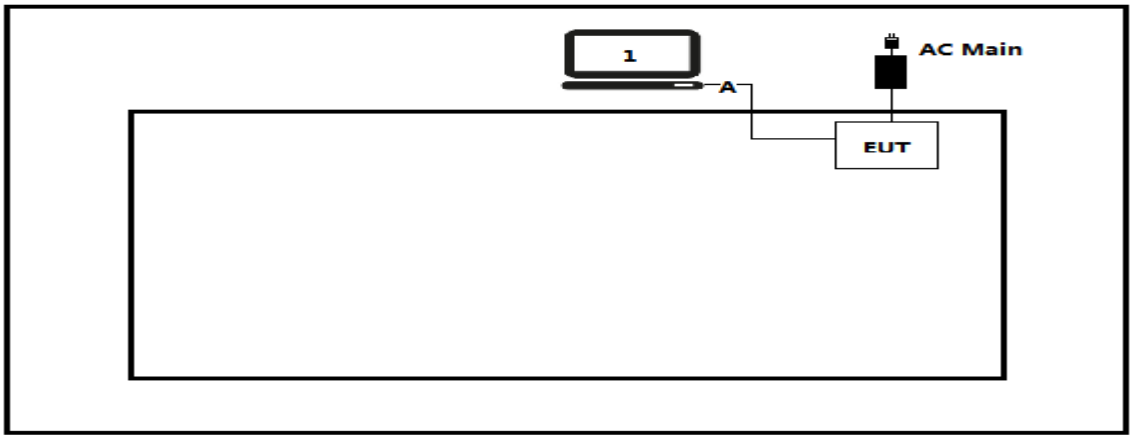
1.5. Tested System Details

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

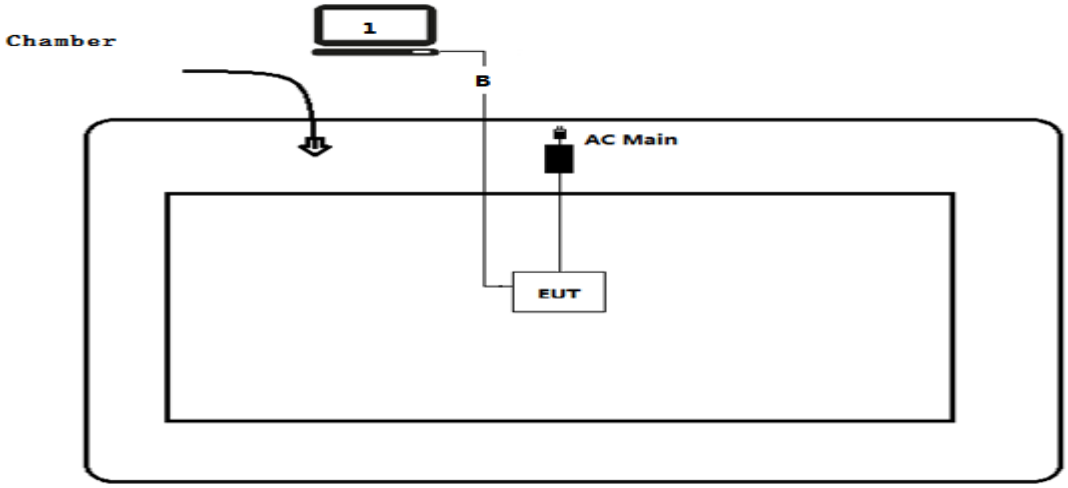
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	Think pad x220	SUA0600195	Non-shielded
3	Notebook	Asus	N80V	8BN0AS226971468	None-shielded

1.6. Configuration of Tested System

Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Radiated Emission



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-shielded, 1.5m
B	LAN Cable	Non-shielded, 15m
C	LAN Cable	Non-shielded, 1.5m

1.7. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of equipment.
3	Run the software (ART 2), and set the test mode and channel, then start to continue transmit or receive.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Limit	Result
Conducted Emission	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.207	FCC 15.207	PASS
Radiated Emission	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.209	FCC 15.209	PASS
Emission bandwidth and occupied bandwidth	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.407(a)	FCC 15.407(e)	PASS
6dB Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.407(a)	FCC 15.407(e)	PASS
Power Output	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.407(a)	FCC 15.407(a)	PASS
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.407(a)	FCC 15.407(a)	PASS
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.205, 15.407(b)	FCC 15.407(b)	PASS
Frequency Stability	FCC CFR Title 47 Part 15 Subpart E: 2015 Section 15.407(g)	Within the band	PASS
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: 2015 Section 15.203	FCC 15.203	PASS

2.2. Test Frequency configuration:

Modulation Mode	Channel	Frequency	Channel	Frequency	Channel	Frequency
802.11a/n(20MHz) /ac(20MHz)	36	5180MHz	44	5220MHz	48	5240MHz
	149	5745MHz	157	5785MHz	165	5825MHz
802.11n(40MHz)/ ac(40MHz)	38	5190MHz	46	5230MHz	N/A	N/A
	151	5755MHz	159	5795MHz	N/A	N/A
802.11ac(80MHz)	42	5210MHz	155	5775MHz	N/A	N/A

2.3. Power Parameter Value of the test software

Configuration #1

Test Mode	Frequency	Power Setting		
		Ant 1	Ant 2	Ant 1+2
802.11a	5180	23.5	23.5	21.5
	5220	23.5	23.5	21.5
	5240	23.5	23.5	21.5
	5745	25	25	18
	5785	25	25	18
	5825	24	25	18
802.11n(20MHz)	5180	23.5	23	21
	5220	23.5	23	21
	5240	23.5	23	21
	5745	24	25	18
	5785	24	25	18
	5825	24	25	18
802.11n(40MHz)	5190	20.5	20	17
	5230	20.5	20	17
	5755	25	25	19
	5795	25	25	20
802.11ac(20MHz)	5180	23	23	21
	5220	23	23	21
	5240	23	23	21
	5745	25	25	18
	5785	25	25	18
	5825	25	25	18
802.11ac(40MHz)	5190	19.5	20	17.5
	5230	19.5	20	17.5
	5755	19.5	20	17.5
	5795	25	26	20
802.11ac(80MHz)	5210	25	26	20
	5775	13	13	8

Configuration #2

Test Mode	Frequency	Power Setting		
		Ant 1	Ant 2	Ant 1+2
802.11a	5180	24	24	21
	5220	24	24	21
	5240	24	24	21
	5745	20	21	17
	5785	20	21	17
	5825	17	17	16
802.11n(20MHz)	5180	23.5	24.5	20.5
	5220	23.5	24.5	20.5
	5240	23.5	24.5	20.5
	5745	18	19	16
	5785	18	19	16
	5825	18	19	15
802.11n(40MHz)	5190	21	21.5	19.5
	5230	21	21.5	19.5
	5755	20	20	18
	5795	19	20	17
802.11ac(20MHz)	5180	24	24.5	21
	5220	24	24.5	21
	5240	24	24.5	21
	5745	18	19	15
	5785	18	19	15
	5825	18	19	15
802.11ac(40MHz)	5190	21	21	19
	5230	21	21	19
	5755	21	21	19
	5795	20	20	18
802.11ac(80MHz)	5210	19	20	17
	5775	13.5	13.5	11.5

2.4. Power vs Data Rate

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	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

SpatialStreams(Note1)	MCSIndex	Modulationtype	Codingrate	Data Rate(Mb/s)							
				20MHz		40MHz		80MHz		160MHz	
				Guard Interval		Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5	58.5	65
	1	QPSK	1/2	13	14.4	27	30	58.5	65	117	130
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5	175.5	195
	3	16-QAM	1/2	26	28.9	54	60	117	130	234	260
	4	16-QAM	3/4	39	43.3	81	90	175.5	195	351	390
	5	64-QAM	2/3	52	57.8	108	120	234	260	468	520
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5	526.5	585
	7	64-QAM	5/6	65	72.2	135	150	292.5	325	585	650
	8	256-QAM	3/4	78	86.7	162	180	351	390	702	780
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3	780	866.7
2	0	BPSK	1/2	13	14.4	27	30	58.6	65	117	130
	1	QPSK	1/2	26	28.8	54	60	117	130	234	260
	2	QPSK	3/4	39	43.4	81	90	175.6	195	351	390
	3	16-QAM	1/2	52	57.8	108	120	234	260	468	520
	4	16-QAM	3/4	78	86.6	162	180	351	390	702	780
	5	64-QAM	2/3	104	115.6	216	240	468	520	936	1040
	6	64-QAM	3/4	117	130	243	270	526.6	585	1053	1170
	7	64-QAM	5/6	130	144.4	270	300	585	650	1170	1300
	8	256-QAM	3/4	156	173.4	324	360	702	780	1404	1560
	9	256-QAM	5/6	N/A	N/A	360	400	780	866.6	1560	1733.4
Note 1 : The blue form is the maximum power data rate											

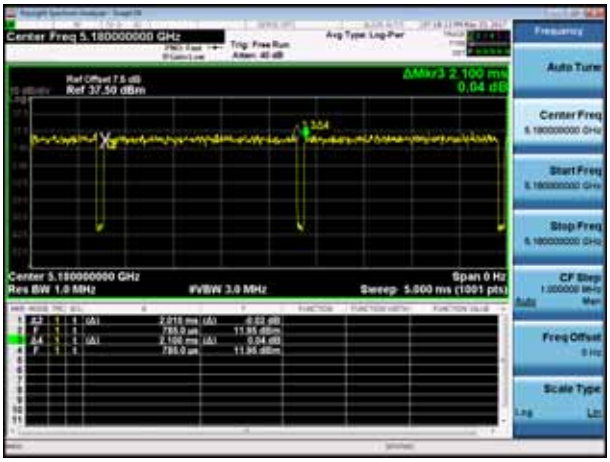
2.5. Duty Cycle

Test Mode	Tx On (ms)	Tx Off (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
802.11a	2.010	0.09	510Hz	2.172	95.71%
802.11n(20MHz)	1.865	0.145	560Hz	2.019	92.78%
802.11n(40MHz)	0.888	0.114	1.1KHz	1.047	88.63%
802.11ac(20MHz)	1.89	0.13	560Hz	1.958	93.56%
802.11ac(40MHz)	0.894	0.102	1.1KHz	0.9812	89.76%
802.11ac(80MHz)	0.448	0.082	2.2KHz	0.4888	84.52%

Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

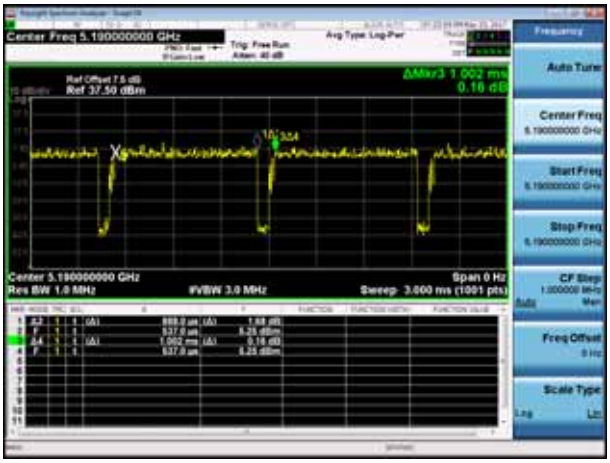
Note 2: According to KDB 789033, when test for Radiated Emission Band Edge and Radiated Emission, VBW ≥ 1/T will be used.

802.11a



802.11n(20MHz)

802.11n(40MHz)



802.11ac(20MHz)

802.11ac(40MHz)	802.11ac(80MHz)
	

2.6. 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

2.7. Uncertainty

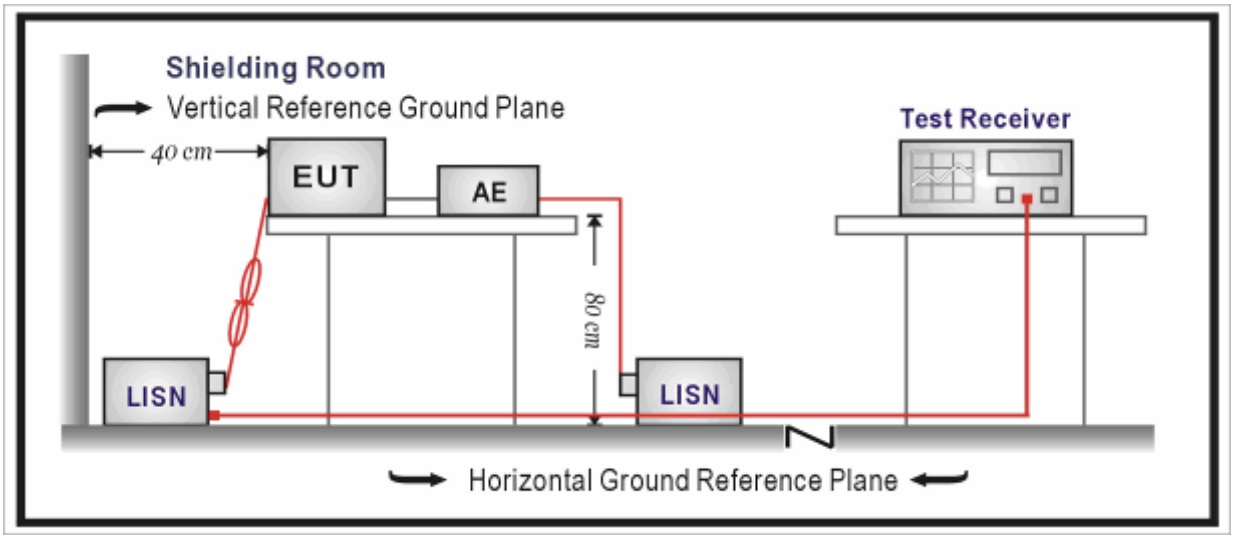
Test Items	Uncertainty
AC Power Line Conducted Emission	±2.02dB
Radiated Emission	Below 1GHz ±3.8 dB
	Above 1GHz ±3.9 dB
RF Antenna Port Conducted Emission	±1.27dB
Radiated Emission Band Edge	±3.9dB
Occupied Bandwidth	±1kHz
Power Spectral Density	±1.27dB
Frequency Stability	±100 Hz

3. Conducted Emission

3.1. Test Equipment

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	2016.06.16	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



3.3. Limit

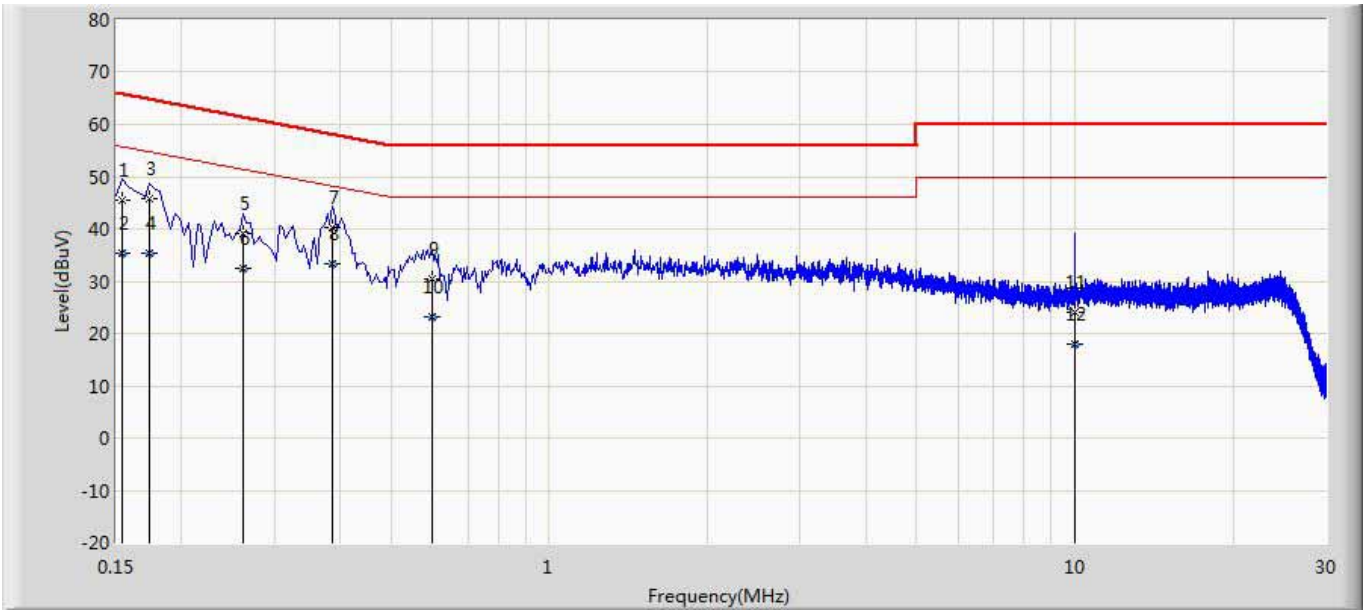
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 – 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

3.4. Test Procedure

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

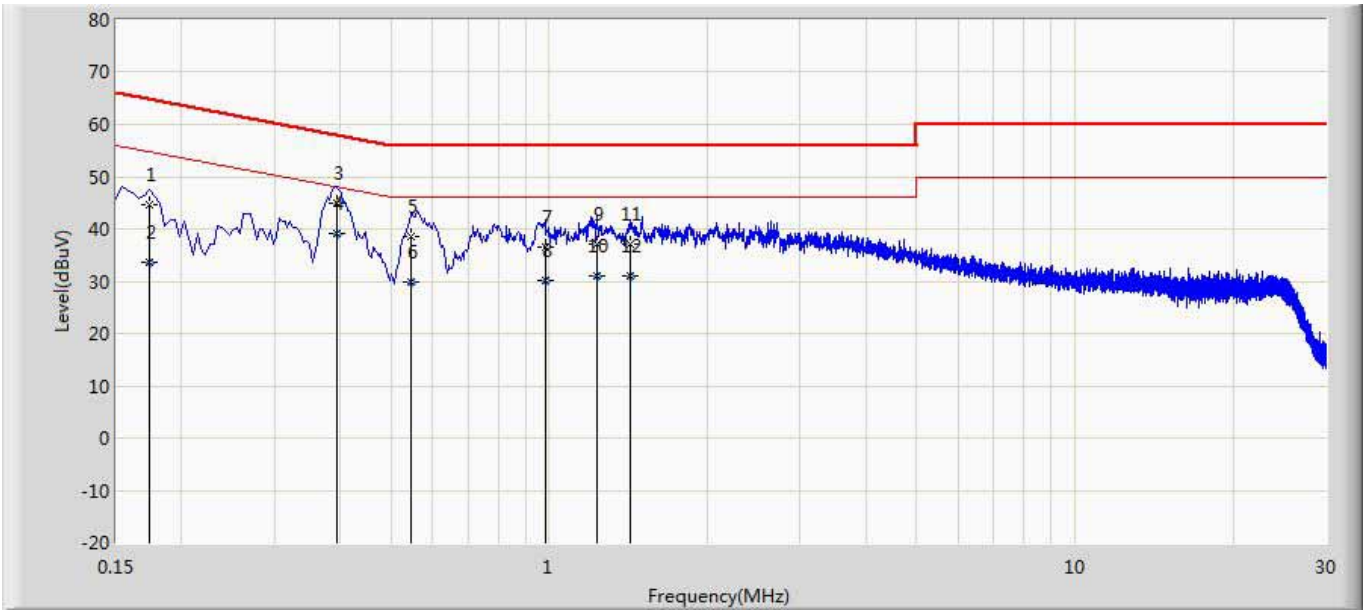
3.5. Test Result

Engineer: king	
Site: TR1	Time: 2016/09/22 - 09:01
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.154	45.536	35.906	-20.245	65.781	9.631	QP
2		0.154	35.276	25.646	-20.505	55.781	9.631	AV
3		0.174	45.925	36.296	-18.842	64.767	9.629	QP
4		0.174	35.363	25.734	-19.404	54.767	9.629	AV
5		0.262	39.275	29.643	-22.093	61.368	9.632	QP
6		0.262	32.400	22.768	-18.968	51.368	9.632	AV
7		0.386	40.345	30.705	-17.804	58.149	9.640	QP
8	*	0.386	33.324	23.684	-14.826	48.149	9.640	AV
9		0.598	30.385	20.737	-25.615	56.000	9.648	QP
10		0.598	23.276	13.628	-22.724	46.000	9.648	AV
11		10.006	24.032	14.053	-35.968	60.000	9.978	QP
12		10.006	17.985	8.007	-32.015	50.000	9.978	AV

Engineer: king	
Site: TR1	Time: 2016/09/22 - 09:05
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.174	44.602	34.983	-20.165	64.767	9.619	QP
2		0.174	33.747	24.128	-21.020	54.767	9.619	AV
3		0.394	44.795	35.162	-13.184	57.979	9.633	QP
4	*	0.394	39.134	29.501	-8.844	47.979	9.633	AV
5		0.546	38.630	28.992	-17.370	56.000	9.638	QP
6		0.546	29.958	20.320	-16.042	46.000	9.638	AV
7		0.982	36.631	26.983	-19.369	56.000	9.648	QP
8		0.982	30.090	20.442	-15.910	46.000	9.648	AV
9		1.234	37.016	27.352	-18.984	56.000	9.664	QP
10		1.234	30.901	21.236	-15.099	46.000	9.664	AV
11		1.426	37.097	27.426	-18.903	56.000	9.671	QP
12		1.426	31.058	21.387	-14.942	46.000	9.671	AV

4. Radiated Emission

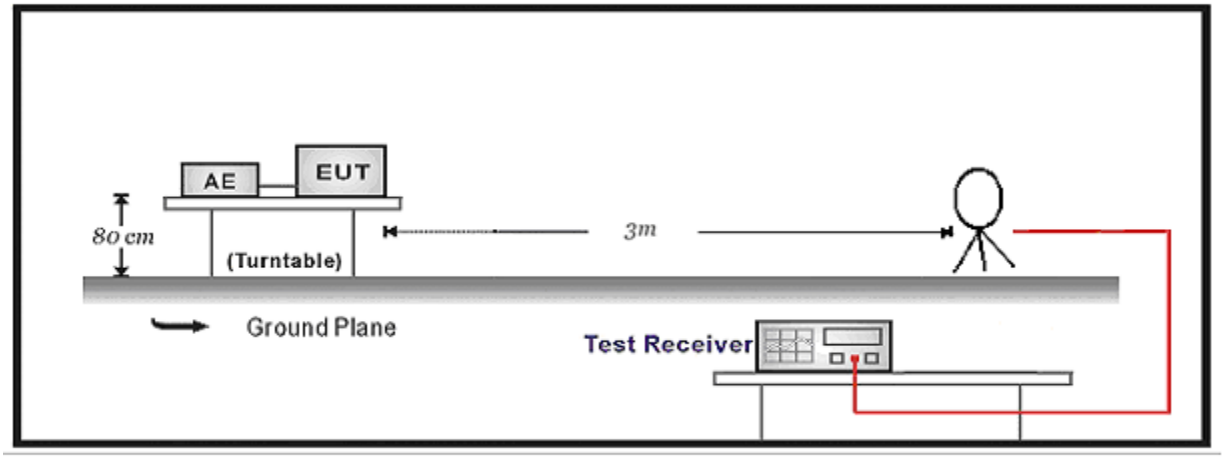
4.1. Test Equipment

Radiated Emission / 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	2017.01.03	2018.01.02

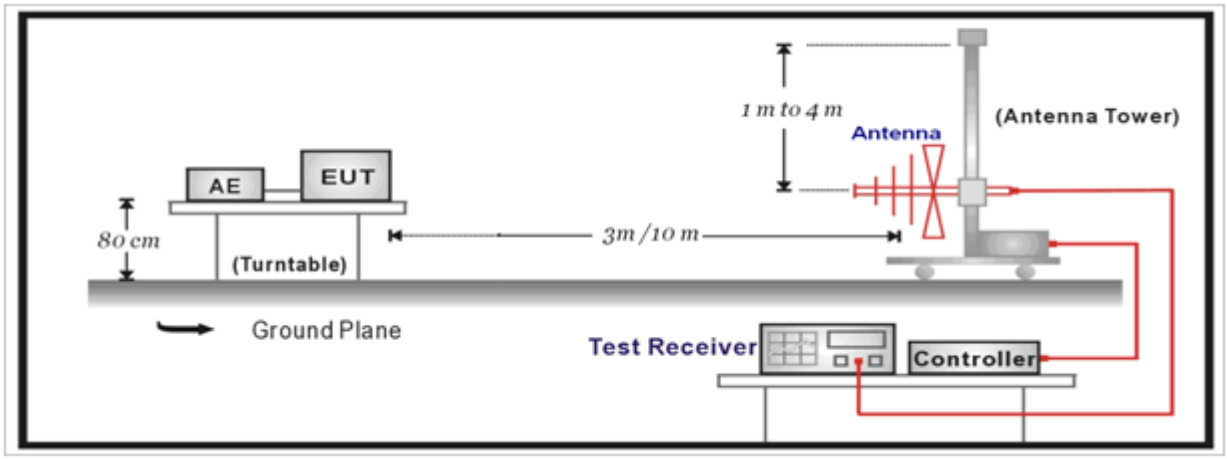
Radiated Emission / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.06	2017.05.05
Preamplifier	Quietek	AP-040G	CHM-0906001	2016.05.06	2017.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.22	2018.01.21
Broad-Band Horn Antenna	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	2017.01.03	2018.01.02
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

4.2. Test Setup

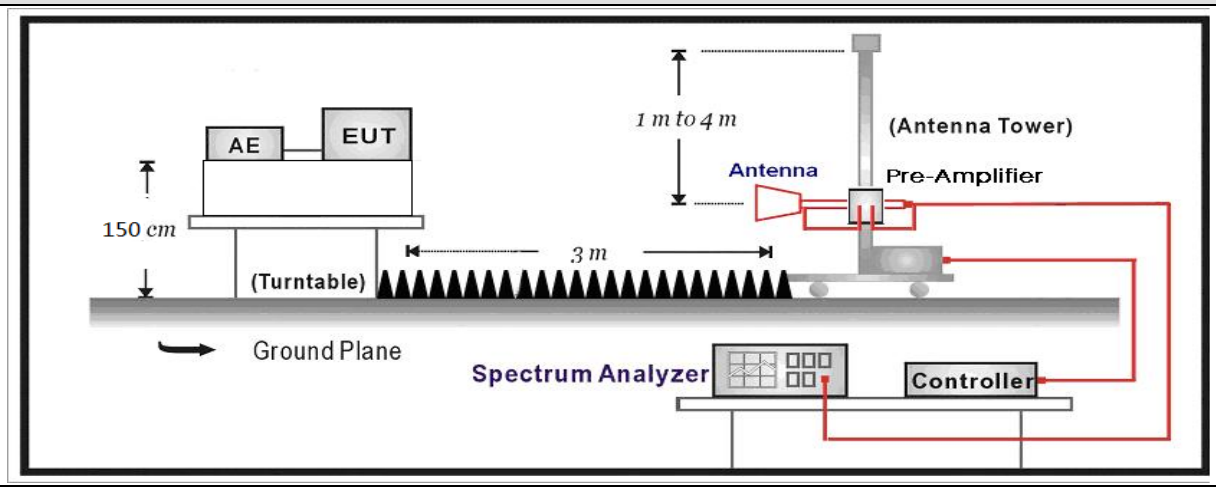
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

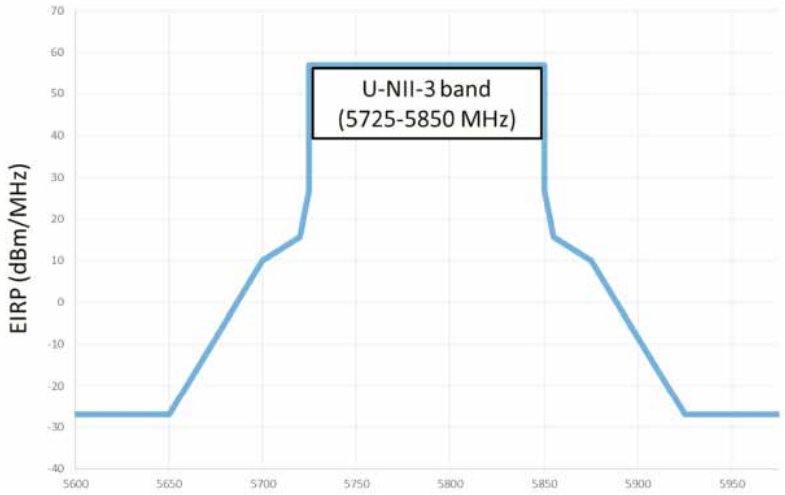
FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dB μV/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

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).

FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
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			

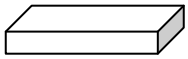
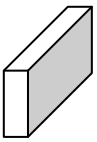
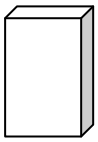
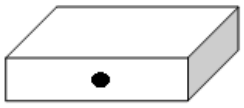
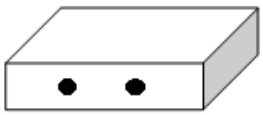
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

FCC 16-24-A1	
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5825	

4.4. Test Procedure

Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
		☐ ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
		☒ ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	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
☐	FCC KDB 789033 D02v01r03		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r03		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r03	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
		☐ FCC KDB 789033 D02v01r03	G.6.c	Method AD (Average detection)—primary method
		☐ FCC KDB 789033 D02v01r03	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

4.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Radiated Emission</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-12</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>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

4.6. Test Result

Configuration #1

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	34.38	13.35	47.73	54(Note3)	-6.27	PK
		H	15540.000	33.77	18.48	52.25	54(Note3)	-1.75	PK
		V	10358.500	34.50	13.34	47.84	54(Note3)	-6.16	PK
		V	15540.000	33.62	18.48	52.10	54(Note3)	-1.90	PK
	44	H	10440.000	33.46	13.78	47.24	54(Note3)	-6.76	PK
		H	15660.000	33.25	18.58	51.83	54(Note3)	-2.17	PK
		V	10435.000	33.23	13.78	47.01	54(Note3)	-6.99	PK
		V	15660.000	33.26	18.77	52.03	54(Note3)	-1.97	PK
	48	H	10486.000	33.46	13.55	47.01	54(Note3)	-6.99	PK
		H	15720.000	33.32	20.28	53.60	54(Note3)	-0.40	PK
		V	10486.000	35.06	13.55	48.61	54(Note3)	-5.39	PK
		V	15720.000	33.68	20.27	53.95	54(Note3)	-0.05	PK
	149	H	11490.000	29.03	14.46	43.49	54(Note3)	-10.51	PK
		H	17235.000	28.52	21.34	49.86	54(Note3)	-4.14	PK
		V	11497.500	29.74	14.46	44.20	54(Note3)	-9.80	PK
		V	17235.000	27.26	21.34	48.60	54(Note3)	-5.40	PK
	157	H	11570.000	29.17	14.91	44.08	54(Note3)	-9.92	PK
		H	17355.000	26.75	21.19	47.94	54(Note3)	-6.06	PK
		V	11557.000	30.34	14.91	45.25	54(Note3)	-8.75	PK
		V	17355.000	25.46	21.19	46.65	54(Note3)	-7.35	PK
	165	H	11650.000	28.67	15.25	43.92	54(Note3)	-10.08	PK
		H	17475.000	27.36	20.90	48.26	54(Note3)	-5.74	PK
		V	11650.500	29.47	15.25	44.72	54(Note3)	-9.28	PK
		V	17475.000	28.11	20.90	49.01	54(Note3)	-4.99	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	34.09	13.35	47.44	54(Note3)	-6.56	PK
		H	15540.000	33.02	18.48	51.50	54(Note3)	-2.50	PK
		V	10358.500	34.15	13.34	47.49	54(Note3)	-6.51	PK
		V	15540.000	32.83	18.48	51.31	54(Note3)	-2.69	PK
	44	H	10440.000	32.88	13.78	46.66	54(Note3)	-7.34	PK
		H	15660.000	32.82	18.58	51.40	54(Note3)	-2.60	PK
		V	10435.000	33.05	13.78	46.83	54(Note3)	-7.17	PK
		V	15660.000	32.67	18.77	51.44	54(Note3)	-2.56	PK
	48	H	10486.000	33.33	13.55	46.88	54(Note3)	-7.12	PK
		H	15720.000	32.58	20.28	52.86	54(Note3)	-1.14	PK
		V	10486.000	34.18	13.55	47.73	54(Note3)	-6.27	PK
		V	15720.000	33.24	20.27	53.51	54(Note3)	-0.49	PK
	149	H	11490.000	28.28	14.46	42.74	54(Note3)	-11.26	PK
		H	17235.000	27.71	21.34	49.05	54(Note3)	-4.95	PK
		V	11497.500	28.87	14.46	43.33	54(Note3)	-10.67	PK
		V	17235.000	26.82	21.34	48.16	54(Note3)	-5.84	PK
	157	H	11570.000	29.03	14.91	43.94	54(Note3)	-10.06	PK
		H	17355.000	26.58	21.19	47.77	54(Note3)	-6.23	PK
		V	11557.000	29.66	14.91	44.57	54(Note3)	-9.43	PK
		V	17355.000	24.67	21.19	45.86	54(Note3)	-8.14	PK
	165	H	11650.000	28.12	15.25	43.37	54(Note3)	-10.63	PK
		H	17475.000	27.23	20.90	48.13	54(Note3)	-5.87	PK
		V	11650.500	28.96	15.25	44.21	54(Note3)	-9.79	PK
		V	17475.000	27.18	20.90	48.08	54(Note3)	-5.92	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	33.74	13.35	47.09	54(Note3)	-6.91	PK
		H	15540.000	32.06	18.48	50.54	54(Note3)	-3.46	PK
		V	10358.500	33.69	13.34	47.03	54(Note3)	-6.97	PK
		V	15540.000	32.37	18.48	50.85	54(Note3)	-3.15	PK
	44	H	10440.000	32.01	13.78	45.79	54(Note3)	-8.21	PK
		H	15660.000	32.06	18.58	50.64	54(Note3)	-3.36	PK
		V	10435.000	32.98	13.78	46.76	54(Note3)	-7.24	PK
		V	15660.000	32.42	18.77	51.19	54(Note3)	-2.81	PK
	48	H	10486.000	33.16	13.55	46.71	54(Note3)	-7.29	PK
		H	15720.000	32.09	20.28	52.37	54(Note3)	-1.63	PK
		V	10486.000	33.56	13.55	47.11	54(Note3)	-6.89	PK
		V	15720.000	32.40	20.27	52.67	54(Note3)	-1.33	PK
	149	H	11490.000	28.17	14.46	42.63	54(Note3)	-11.37	PK
		H	17235.000	27.42	21.34	48.76	54(Note3)	-5.24	PK
		V	11497.500	28.19	14.46	42.65	54(Note3)	-11.35	PK
		V	17235.000	26.71	21.34	48.05	54(Note3)	-5.95	PK
	157	H	11570.000	28.69	14.91	43.60	54(Note3)	-10.40	PK
		H	17355.000	25.75	21.19	46.94	54(Note3)	-7.06	PK
		V	11557.000	28.79	14.91	43.70	54(Note3)	-10.30	PK
		V	17355.000	24.33	21.19	45.52	54(Note3)	-8.48	PK
	165	H	11650.000	27.14	15.25	42.39	54(Note3)	-11.61	PK
		H	17475.000	26.79	20.90	47.69	54(Note3)	-6.31	PK
		V	11650.500	28.88	15.25	44.13	54(Note3)	-9.87	PK
		V	17475.000	26.69	20.90	47.59	54(Note3)	-6.41	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	33.63	13.35	46.98	54(Note3)	-7.02	PK
		H	15540.000	32.68	18.48	51.16	54(Note3)	-2.84	PK
		V	10358.500	33.90	13.34	47.24	54(Note3)	-6.76	PK
		V	15540.000	32.04	18.48	50.52	54(Note3)	-3.48	PK
	44	H	10440.000	32.33	13.78	46.11	54(Note3)	-7.89	PK
		H	15660.000	32.09	18.58	50.67	54(Note3)	-3.33	PK
		V	10435.000	32.13	13.78	45.91	54(Note3)	-8.09	PK
		V	15660.000	32.54	18.77	51.31	54(Note3)	-2.69	PK
	48	H	10486.000	32.78	13.55	46.33	54(Note3)	-7.67	PK
		H	15720.000	32.21	20.28	52.49	54(Note3)	-1.51	PK
		V	10486.000	33.52	13.55	47.07	54(Note3)	-6.93	PK
		V	15720.000	32.41	20.27	52.68	54(Note3)	-1.32	PK
	149	H	11490.000	27.91	14.46	42.37	54(Note3)	-11.63	PK
		H	17235.000	27.69	21.34	49.03	54(Note3)	-4.97	PK
		V	11497.500	28.17	14.46	42.63	54(Note3)	-11.37	PK
		V	17235.000	26.63	21.34	47.97	54(Note3)	-6.03	PK
	157	H	11570.000	28.46	14.91	43.37	54(Note3)	-10.63	PK
		H	17355.000	25.96	21.19	47.15	54(Note3)	-6.85	PK
		V	11557.000	29.25	14.91	44.16	54(Note3)	-9.84	PK
		V	17355.000	24.61	21.19	45.80	54(Note3)	-8.20	PK
	165	H	11650.000	27.78	15.25	43.03	54(Note3)	-10.97	PK
		H	17475.000	27.08	20.90	47.98	54(Note3)	-6.02	PK
		V	11650.500	28.32	15.25	43.57	54(Note3)	-10.43	PK
		V	17475.000	26.84	20.90	47.74	54(Note3)	-6.26	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	33.34	13.35	46.69	54(Note3)	-7.31	PK
		H	15540.000	32.92	18.48	51.40	54(Note3)	-2.60	PK
		V	10358.500	33.78	13.34	47.12	54(Note3)	-6.88	PK
		V	15540.000	31.91	18.48	50.39	54(Note3)	-3.61	PK
	44	H	10440.000	32.70	13.78	46.48	54(Note3)	-7.52	PK
		H	15660.000	32.30	18.58	50.88	54(Note3)	-3.12	PK
		V	10435.000	32.56	13.78	46.34	54(Note3)	-7.66	PK
		V	15660.000	31.70	18.77	50.47	54(Note3)	-3.53	PK
	48	H	10486.000	33.19	13.55	46.74	54(Note3)	-7.26	PK
		H	15720.000	32.48	20.28	52.76	54(Note3)	-1.24	PK
		V	10486.000	33.54	13.55	47.09	54(Note3)	-6.91	PK
		V	15720.000	33.21	20.27	53.48	54(Note3)	-0.52	PK
	149	H	11490.000	27.33	14.46	41.79	54(Note3)	-12.21	PK
		H	17235.000	27.30	21.34	48.64	54(Note3)	-5.36	PK
		V	11497.500	27.93	14.46	42.39	54(Note3)	-11.61	PK
		V	17235.000	25.91	21.34	47.25	54(Note3)	-6.75	PK
	157	H	11570.000	28.38	14.91	43.29	54(Note3)	-10.71	PK
		H	17355.000	25.61	21.19	46.80	54(Note3)	-7.20	PK
		V	11557.000	28.85	14.91	43.76	54(Note3)	-10.24	PK
		V	17355.000	23.77	21.19	44.96	54(Note3)	-9.04	PK
	165	H	11650.000	27.35	15.25	42.60	54(Note3)	-11.40	PK
		H	17475.000	27.16	20.90	48.06	54(Note3)	-5.94	PK
		V	11650.500	28.65	15.25	43.90	54(Note3)	-10.10	PK
		V	17475.000	26.75	20.90	47.65	54(Note3)	-6.35	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	33.16	13.35	46.51	54(Note3)	-7.49	PK
		H	15540.000	32.20	18.48	50.68	54(Note3)	-3.32	PK
		V	10358.500	33.76	13.34	47.10	54(Note3)	-6.90	PK
		V	15540.000	32.36	18.48	50.84	54(Note3)	-3.16	PK
	44	H	10440.000	32.28	13.78	46.06	54(Note3)	-7.94	PK
		H	15660.000	32.54	18.58	51.12	54(Note3)	-2.88	PK
		V	10435.000	32.17	13.78	45.95	54(Note3)	-8.05	PK
		V	15660.000	32.34	18.77	51.11	54(Note3)	-2.89	PK
	48	H	10486.000	33.04	13.55	46.59	54(Note3)	-7.41	PK
		H	15720.000	32.45	20.28	52.73	54(Note3)	-1.27	PK
		V	10486.000	34.14	13.55	47.69	54(Note3)	-6.31	PK
		V	15720.000	32.89	20.27	53.16	54(Note3)	-0.84	PK
	149	H	11490.000	27.90	14.46	42.36	54(Note3)	-11.64	PK
		H	17235.000	26.74	21.34	48.08	54(Note3)	-5.92	PK
		V	11497.500	28.71	14.46	43.17	54(Note3)	-10.83	PK
		V	17235.000	26.75	21.34	48.09	54(Note3)	-5.91	PK
	157	H	11570.000	28.63	14.91	43.54	54(Note3)	-10.46	PK
		H	17355.000	25.85	21.19	47.04	54(Note3)	-6.96	PK
		V	11557.000	29.24	14.91	44.15	54(Note3)	-9.85	PK
		V	17355.000	24.51	21.19	45.70	54(Note3)	-8.30	PK
	165	H	11650.000	27.33	15.25	42.58	54(Note3)	-11.42	PK
		H	17475.000	26.40	20.90	47.30	54(Note3)	-6.70	PK
		V	11650.500	28.50	15.25	43.75	54(Note3)	-10.25	PK
		V	17475.000	26.24	20.90	47.14	54(Note3)	-6.86	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	38	H	10380.000	33.12	13.15	46.27	54(Note3)	-7.73	PK
		H	15570.000	31.56	19.54	51.10	54(Note3)	-2.90	PK
		V	10375.500	32.79	13.15	45.94	54(Note3)	-8.06	PK
		V	15570.000	32.49	19.54	52.03	54(Note3)	-1.97	PK
	46	H	10469.000	33.35	13.45	46.80	54(Note3)	-7.20	PK
		H	15690.000	32.14	20.31	52.45	54(Note3)	-1.55	PK
		V	10460.500	34.33	13.45	47.78	54(Note3)	-6.22	PK
		V	15690.000	31.73	20.31	52.04	54(Note3)	-1.96	PK
	151	H	11510.000	29.42	15.26	44.68	54(Note3)	-9.32	PK
		H	17265.000	26.23	21.44	47.67	54(Note3)	-6.33	PK
		V	11506.000	29.62	15.26	44.88	54(Note3)	-9.12	PK
		V	17265.000	27.42	21.44	48.86	54(Note3)	-5.14	PK
	159	H	11608.000	28.42	15.74	44.16	54(Note3)	-9.84	PK
		H	17385.000	26.58	21.03	47.61	54(Note3)	-6.39	PK
		V	11608.000	28.93	15.74	44.67	54(Note3)	-9.33	PK
		V	17385.000	27.15	21.03	48.18	54(Note3)	-5.82	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	38	H	10380.000	33.29	13.15	46.44	54(Note3)	-7.56	PK
		H	15570.000	32.16	19.54	51.70	54(Note3)	-2.30	PK
		V	10375.500	33.87	13.15	47.02	54(Note3)	-6.98	PK
		V	15570.000	31.98	19.54	51.52	54(Note3)	-2.48	PK
	46	H	10469.000	32.28	13.45	45.73	54(Note3)	-8.27	PK
		H	15690.000	31.94	20.31	52.25	54(Note3)	-1.75	PK
		V	10460.500	32.16	13.45	45.61	54(Note3)	-8.39	PK
		V	15690.000	32.13	20.31	52.44	54(Note3)	-1.56	PK
	151	H	11510.000	32.35	15.26	47.61	54(Note3)	-6.39	PK
		H	17265.000	32.29	21.44	53.73	54(Note3)	-0.27	PK
		V	11506.000	33.65	15.26	48.91	54(Note3)	-5.09	PK
		V	17265.000	32.70	21.44	54.14	54(Note3)	0.14	PK
	159	H	11608.000	27.42	15.74	43.16	54(Note3)	-10.84	PK
		H	17385.000	27.61	21.03	48.64	54(Note3)	-5.36	PK
		V	11608.000	28.57	15.74	44.31	54(Note3)	-9.69	PK
		V	17385.000	26.15	21.03	47.18	54(Note3)	-6.82	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	38	H	10380.000	33.24	13.15	46.39	54(Note3)	-7.61	PK
		H	15570.000	32.07	19.54	51.61	54(Note3)	-2.39	PK
		V	10375.500	33.51	13.15	46.66	54(Note3)	-7.34	PK
		V	15570.000	32.49	19.54	52.03	54(Note3)	-1.97	PK
	46	H	10469.000	32.58	13.45	46.03	54(Note3)	-7.97	PK
		H	15690.000	32.49	20.31	52.80	54(Note3)	-1.20	PK
		V	10460.500	32.97	13.45	46.42	54(Note3)	-7.58	PK
		V	15690.000	32.67	20.31	52.98	54(Note3)	-1.02	PK
	151	H	11510.000	33.25	15.26	48.51	54(Note3)	-5.49	PK
		H	17265.000	31.70	21.44	53.14	54(Note3)	-0.86	PK
		V	11506.000	33.79	15.26	49.05	54(Note3)	-4.95	PK
		V	17265.000	32.68	21.44	54.12	54(Note3)	0.12	PK
	159	H	11608.000	27.69	15.74	43.43	54(Note3)	-10.57	PK
		H	17385.000	27.29	21.03	48.32	54(Note3)	-5.68	PK
		V	11608.000	27.91	15.74	43.65	54(Note3)	-10.35	PK
		V	17385.000	25.93	21.03	46.96	54(Note3)	-7.04	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	33.94	13.35	47.29	54(Note3)	-6.71	PK
		H	15540.000	32.05	18.48	50.53	54(Note3)	-3.47	PK
		V	10358.500	33.78	13.34	47.12	54(Note3)	-6.88	PK
		V	15540.000	31.99	18.48	50.47	54(Note3)	-3.53	PK
	44	H	10440.000	32.22	13.78	46.00	54(Note3)	-8.00	PK
		H	15660.000	32.36	18.58	50.94	54(Note3)	-3.06	PK
		V	10435.000	32.82	13.78	46.60	54(Note3)	-7.40	PK
		V	15660.000	32.01	18.77	50.78	54(Note3)	-3.22	PK
	48	H	10486.000	33.10	13.55	46.65	54(Note3)	-7.35	PK
		H	15720.000	32.16	20.28	52.44	54(Note3)	-1.56	PK
		V	10486.000	34.17	13.55	47.72	54(Note3)	-6.28	PK
		V	15720.000	32.87	20.27	53.14	54(Note3)	-0.86	PK
	149	H	11490.000	27.88	14.46	42.34	54(Note3)	-11.66	PK
		H	17235.000	26.97	21.34	48.31	54(Note3)	-5.69	PK
		V	11497.500	28.04	14.46	42.50	54(Note3)	-11.50	PK
		V	17235.000	26.43	21.34	47.77	54(Note3)	-6.23	PK
	157	H	11570.000	28.60	14.91	43.51	54(Note3)	-10.49	PK
		H	17355.000	25.78	21.19	46.97	54(Note3)	-7.03	PK
		V	11557.000	28.67	14.91	43.58	54(Note3)	-10.42	PK
		V	17355.000	23.82	21.19	45.01	54(Note3)	-8.99	PK
	165	H	11650.000	27.17	15.25	42.42	54(Note3)	-11.58	PK
		H	17475.000	26.47	20.90	47.37	54(Note3)	-6.63	PK
		V	11650.500	28.32	15.25	43.57	54(Note3)	-10.43	PK
		V	17475.000	27.17	20.90	48.07	54(Note3)	-5.93	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	33.33	13.35	46.68	54(Note3)	-7.32	PK
		H	15540.000	32.89	18.48	51.37	54(Note3)	-2.63	PK
		V	10358.500	33.91	13.34	47.25	54(Note3)	-6.75	PK
		V	15540.000	32.80	18.48	51.28	54(Note3)	-2.72	PK
	44	H	10440.000	32.08	13.78	45.86	54(Note3)	-8.14	PK
		H	15660.000	31.93	18.58	50.51	54(Note3)	-3.49	PK
		V	10435.000	32.56	13.78	46.34	54(Note3)	-7.66	PK
		V	15660.000	31.88	18.77	50.65	54(Note3)	-3.35	PK
	48	H	10486.000	32.92	13.55	46.47	54(Note3)	-7.53	PK
		H	15720.000	31.84	20.28	52.12	54(Note3)	-1.88	PK
		V	10486.000	33.51	13.55	47.06	54(Note3)	-6.94	PK
		V	15720.000	33.02	20.27	53.29	54(Note3)	-0.71	PK
	149	H	11490.000	27.50	14.46	41.96	54(Note3)	-12.04	PK
		H	17235.000	26.79	21.34	48.13	54(Note3)	-5.87	PK
		V	11497.500	28.41	14.46	42.87	54(Note3)	-11.13	PK
		V	17235.000	26.03	21.34	47.37	54(Note3)	-6.63	PK
	157	H	11570.000	28.82	14.91	43.73	54(Note3)	-10.27	PK
		H	17355.000	26.01	21.19	47.20	54(Note3)	-6.80	PK
		V	11557.000	29.08	14.91	43.99	54(Note3)	-10.01	PK
		V	17355.000	24.24	21.19	45.43	54(Note3)	-8.57	PK
	165	H	11650.000	27.45	15.25	42.70	54(Note3)	-11.30	PK
		H	17475.000	26.56	20.90	47.46	54(Note3)	-6.54	PK
		V	11650.500	28.71	15.25	43.96	54(Note3)	-10.04	PK
		V	17475.000	26.91	20.90	47.81	54(Note3)	-6.19	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	33.16	13.35	46.51	54(Note3)	-7.49	PK
		H	15540.000	32.20	18.48	50.68	54(Note3)	-3.32	PK
		V	10358.500	33.76	13.34	47.10	54(Note3)	-6.90	PK
		V	15540.000	32.36	18.48	50.84	54(Note3)	-3.16	PK
	44	H	10440.000	32.28	13.78	46.06	54(Note3)	-7.94	PK
		H	15660.000	32.54	18.58	51.12	54(Note3)	-2.88	PK
		V	10435.000	32.17	13.78	45.95	54(Note3)	-8.05	PK
		V	15660.000	32.34	18.77	51.11	54(Note3)	-2.89	PK
	48	H	10486.000	33.04	13.55	46.59	54(Note3)	-7.41	PK
		H	15720.000	32.45	20.28	52.73	54(Note3)	-1.27	PK
		V	10486.000	34.14	13.55	47.69	54(Note3)	-6.31	PK
		V	15720.000	32.89	20.27	53.16	54(Note3)	-0.84	PK
	149	H	11490.000	27.90	14.46	42.36	54(Note3)	-11.64	PK
		H	17235.000	26.74	21.34	48.08	54(Note3)	-5.92	PK
		V	11497.500	28.71	14.46	43.17	54(Note3)	-10.83	PK
		V	17235.000	26.75	21.34	48.09	54(Note3)	-5.91	PK
	157	H	11570.000	28.63	14.91	43.54	54(Note3)	-10.46	PK
		H	17355.000	25.85	21.19	47.04	54(Note3)	-6.96	PK
		V	11557.000	29.24	14.91	44.15	54(Note3)	-9.85	PK
		V	17355.000	24.51	21.19	45.70	54(Note3)	-8.30	PK
	165	H	11650.000	27.33	15.25	42.58	54(Note3)	-11.42	PK
		H	17475.000	26.40	20.90	47.30	54(Note3)	-6.70	PK
		V	11650.500	28.50	15.25	43.75	54(Note3)	-10.25	PK
		V	17475.000	26.24	20.90	47.14	54(Note3)	-6.86	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	38	H	10380.000	33.12	13.15	46.27	54(Note3)	-7.73	PK
		H	15570.000	31.56	19.54	51.10	54(Note3)	-2.90	PK
		V	10375.500	32.79	13.15	45.94	54(Note3)	-8.06	PK
		V	15570.000	32.49	19.54	52.03	54(Note3)	-1.97	PK
	46	H	10469.000	33.35	13.45	46.80	54(Note3)	-7.20	PK
		H	15690.000	32.14	20.31	52.45	54(Note3)	-1.55	PK
		V	10460.500	34.33	13.45	47.78	54(Note3)	-6.22	PK
		V	15690.000	31.73	20.31	52.04	54(Note3)	-1.96	PK
	151	H	11510.000	29.42	15.26	44.68	54(Note3)	-9.32	PK
		H	17265.000	26.23	21.44	47.67	54(Note3)	-6.33	PK
		V	11506.000	29.62	15.26	44.88	54(Note3)	-9.12	PK
		V	17265.000	27.42	21.44	48.86	54(Note3)	-5.14	PK
	159	H	11608.000	28.42	15.74	44.16	54(Note3)	-9.84	PK
		H	17385.000	26.58	21.03	47.61	54(Note3)	-6.39	PK
		V	11608.000	28.93	15.74	44.67	54(Note3)	-9.33	PK
		V	17385.000	27.15	21.03	48.18	54(Note3)	-5.82	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	38	H	10380.000	33.29	13.15	46.44	54(Note3)	-7.56	PK
		H	15570.000	32.16	19.54	51.70	54(Note3)	-2.30	PK
		V	10375.500	33.87	13.15	47.02	54(Note3)	-6.98	PK
		V	15570.000	31.98	19.54	51.52	54(Note3)	-2.48	PK
	46	H	10469.000	32.28	13.45	45.73	54(Note3)	-8.27	PK
		H	15690.000	31.94	20.31	52.25	54(Note3)	-1.75	PK
		V	10460.500	32.16	13.45	45.61	54(Note3)	-8.39	PK
		V	15690.000	32.13	20.31	52.44	54(Note3)	-1.56	PK
	151	H	11510.000	32.35	15.26	47.61	54(Note3)	-6.39	PK
		H	17265.000	32.29	21.44	53.73	54(Note3)	-0.27	PK
		V	11506.000	33.65	15.26	48.91	54(Note3)	-5.09	PK
		V	17265.000	32.70	21.44	54.14	54(Note3)	0.14	PK
	159	H	11608.000	27.42	15.74	43.16	54(Note3)	-10.84	PK
		H	17385.000	27.61	21.03	48.64	54(Note3)	-5.36	PK
		V	11608.000	28.57	15.74	44.31	54(Note3)	-9.69	PK
		V	17385.000	26.15	21.03	47.18	54(Note3)	-6.82	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	38	H	10380.000	33.24	13.15	46.39	54(Note3)	-7.61	PK
		H	15570.000	32.07	19.54	51.61	54(Note3)	-2.39	PK
		V	10375.500	33.51	13.15	46.66	54(Note3)	-7.34	PK
		V	15570.000	32.49	19.54	52.03	54(Note3)	-1.97	PK
	46	H	10469.000	32.58	13.45	46.03	54(Note3)	-7.97	PK
		H	15690.000	32.49	20.31	52.80	54(Note3)	-1.20	PK
		V	10460.500	32.97	13.45	46.42	54(Note3)	-7.58	PK
		V	15690.000	32.67	20.31	52.98	54(Note3)	-1.02	PK
	151	H	11510.000	33.25	15.26	48.51	54(Note3)	-5.49	PK
		H	17265.000	31.70	21.44	53.14	54(Note3)	-0.86	PK
		V	11506.000	33.79	15.26	49.05	54(Note3)	-4.95	PK
		V	17265.000	32.68	21.44	54.12	54(Note3)	0.12	PK
	159	H	11608.000	27.69	15.74	43.43	54(Note3)	-10.57	PK
		H	17385.000	27.29	21.03	48.32	54(Note3)	-5.68	PK
		V	11608.000	27.91	15.74	43.65	54(Note3)	-10.35	PK
		V	17385.000	25.93	21.03	46.96	54(Note3)	-7.04	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	42	H	10460.0	31.25	13.45	44.70	54(Note3)	-9.30	PK
		H	15690.0	31.55	20.31	51.86	54(Note3)	-2.14	PK
		V	10460.0	32.74	13.45	46.19	54(Note3)	-7.81	PK
		V	15690.0	31.49	20.31	51.80	54(Note3)	-2.20	PK
	155	H	11550.0	31.79	13.66	45.45	54(Note3)	-8.55	PK
		H	17325.0	31.23	20.32	51.55	54(Note3)	-2.45	PK
		V	11550.0	32.68	13.66	46.34	54(Note3)	-7.66	PK
		V	17325.0	31.65	20.32	51.97	54(Note3)	-2.03	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	42	H	10460.0	31.02	13.45	44.47	54(Note3)	-9.53	PK
		H	15690.0	31.14	20.31	51.45	54(Note3)	-2.55	PK
		V	10460.0	32.72	13.45	46.17	54(Note3)	-7.83	PK
		V	15690.0	32.05	20.31	52.36	54(Note3)	-1.64	PK
	155	H	11550.0	31.36	13.66	45.02	54(Note3)	-8.98	PK
		H	17325.0	31.41	20.32	51.73	54(Note3)	-2.27	PK
		V	11550.0	32.61	13.66	46.27	54(Note3)	-7.73	PK
		V	17325.0	31.70	20.32	52.02	54(Note3)	-1.98	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	42	H	10460.0	31.40	13.45	44.85	54(Note3)	-9.15	PK
		H	15690.0	31.17	20.31	51.48	54(Note3)	-2.52	PK
		V	10460.0	32.12	13.45	45.57	54(Note3)	-8.43	PK
		V	15690.0	31.80	20.31	52.11	54(Note3)	-1.89	PK
	155	H	11550.0	31.87	13.66	45.53	54(Note3)	-8.47	PK
		H	17325.0	30.92	20.32	51.24	54(Note3)	-2.76	PK
		V	11550.0	32.47	13.66	46.13	54(Note3)	-7.87	PK
		V	17325.0	31.15	20.32	51.47	54(Note3)	-2.53	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Configuration #2

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	33.50	13.35	46.85	54(Note3)	-7.15	PK
		H	15540.000	33.26	18.48	51.74	54(Note3)	-2.26	PK
		V	10358.500	33.65	13.34	46.99	54(Note3)	-7.01	PK
		V	15540.000	32.58	18.48	51.06	54(Note3)	-2.94	PK
	44	H	10440.000	31.98	13.78	45.76	54(Note3)	-8.24	PK
		H	15660.000	31.73	18.58	50.31	54(Note3)	-3.69	PK
		V	10435.000	32.65	13.78	46.43	54(Note3)	-7.57	PK
		V	15660.000	32.58	18.77	51.35	54(Note3)	-2.65	PK
	48	H	10486.000	32.30	13.55	45.85	54(Note3)	-8.15	PK
		H	15720.000	32.27	20.28	52.55	54(Note3)	-1.45	PK
		V	10486.000	33.74	13.55	47.29	54(Note3)	-6.71	PK
		V	15720.000	32.82	20.27	53.09	54(Note3)	-0.91	PK
	149	H	11490.000	28.67	14.46	43.13	54(Note3)	-10.87	PK
		H	17235.000	27.60	21.34	48.94	54(Note3)	-5.06	PK
		V	11497.500	28.61	14.46	43.07	54(Note3)	-10.93	PK
		V	17235.000	26.81	21.34	48.15	54(Note3)	-5.85	PK
	157	H	11570.000	28.35	14.91	43.26	54(Note3)	-10.74	PK
		H	17355.000	25.90	21.19	47.09	54(Note3)	-6.91	PK
		V	11557.000	29.64	14.91	44.55	54(Note3)	-9.45	PK
		V	17355.000	23.90	21.19	45.09	54(Note3)	-8.91	PK
	165	H	11650.000	28.31	15.25	43.56	54(Note3)	-10.44	PK
		H	17475.000	27.15	20.90	48.05	54(Note3)	-5.95	PK
		V	11650.500	28.91	15.25	44.16	54(Note3)	-9.84	PK
		V	17475.000	26.59	20.90	47.49	54(Note3)	-6.51	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	33.44	13.35	46.79	54(Note3)	-7.21	PK
		H	15540.000	33.19	18.48	51.67	54(Note3)	-2.33	PK
		V	10358.500	33.92	13.34	47.26	54(Note3)	-6.74	PK
		V	15540.000	32.79	18.48	51.27	54(Note3)	-2.73	PK
	44	H	10440.000	31.96	13.78	45.74	54(Note3)	-8.26	PK
		H	15660.000	31.87	18.58	50.45	54(Note3)	-3.55	PK
		V	10435.000	32.37	13.78	46.15	54(Note3)	-7.85	PK
		V	15660.000	32.34	18.77	51.11	54(Note3)	-2.89	PK
	48	H	10486.000	32.28	13.55	45.83	54(Note3)	-8.17	PK
		H	15720.000	32.06	20.28	52.34	54(Note3)	-1.66	PK
		V	10486.000	34.31	13.55	47.86	54(Note3)	-6.14	PK
		V	15720.000	32.58	20.27	52.85	54(Note3)	-1.15	PK
	149	H	11490.000	28.29	14.46	42.75	54(Note3)	-11.25	PK
		H	17235.000	27.48	21.34	48.82	54(Note3)	-5.18	PK
		V	11497.500	28.32	14.46	42.78	54(Note3)	-11.22	PK
		V	17235.000	26.62	21.34	47.96	54(Note3)	-6.04	PK
	157	H	11570.000	27.80	14.91	42.71	54(Note3)	-11.29	PK
		H	17355.000	26.22	21.19	47.41	54(Note3)	-6.59	PK
		V	11557.000	29.55	14.91	44.46	54(Note3)	-9.54	PK
		V	17355.000	23.81	21.19	45.00	54(Note3)	-9.00	PK
	165	H	11650.000	28.51	15.25	43.76	54(Note3)	-10.24	PK
		H	17475.000	26.75	20.90	47.65	54(Note3)	-6.35	PK
		V	11650.500	28.50	15.25	43.75	54(Note3)	-10.25	PK
		V	17475.000	26.59	20.90	47.49	54(Note3)	-6.51	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 1: Transmit by 802.11a	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	32.81	13.35	46.16	54(Note3)	-7.84	PK
		H	15540.000	33.08	18.48	51.56	54(Note3)	-2.44	PK
		V	10358.500	33.17	13.34	46.51	54(Note3)	-7.49	PK
		V	15540.000	32.91	18.48	51.39	54(Note3)	-2.61	PK
	44	H	10440.000	32.53	13.78	46.31	54(Note3)	-7.69	PK
		H	15660.000	32.39	18.58	50.97	54(Note3)	-3.03	PK
		V	10435.000	32.06	13.78	45.84	54(Note3)	-8.16	PK
		V	15660.000	32.63	18.77	51.40	54(Note3)	-2.60	PK
	48	H	10486.000	32.88	13.55	46.43	54(Note3)	-7.57	PK
		H	15720.000	31.79	20.28	52.07	54(Note3)	-1.93	PK
		V	10486.000	34.57	13.55	48.12	54(Note3)	-5.88	PK
		V	15720.000	32.06	20.27	52.33	54(Note3)	-1.67	PK
	149	H	11490.000	28.68	14.46	43.14	54(Note3)	-10.86	PK
		H	17235.000	26.80	21.34	48.14	54(Note3)	-5.86	PK
		V	11497.500	28.60	14.46	43.06	54(Note3)	-10.94	PK
		V	17235.000	26.70	21.34	48.04	54(Note3)	-5.96	PK
	157	H	11570.000	28.09	14.91	43.00	54(Note3)	-11.00	PK
		H	17355.000	26.09	21.19	47.28	54(Note3)	-6.72	PK
		V	11557.000	29.89	14.91	44.80	54(Note3)	-9.20	PK
		V	17355.000	24.34	21.19	45.53	54(Note3)	-8.47	PK
	165	H	11650.000	28.48	15.25	43.73	54(Note3)	-10.27	PK
		H	17475.000	27.02	20.90	47.92	54(Note3)	-6.08	PK
		V	11650.500	29.08	15.25	44.33	54(Note3)	-9.67	PK
		V	17475.000	27.00	20.90	47.90	54(Note3)	-6.10	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	33.63	13.35	46.98	54(Note3)	-7.02	PK
		H	15540.000	32.68	18.48	51.16	54(Note3)	-2.84	PK
		V	10358.500	33.90	13.34	47.24	54(Note3)	-6.76	PK
		V	15540.000	32.04	18.48	50.52	54(Note3)	-3.48	PK
	44	H	10440.000	32.33	13.78	46.11	54(Note3)	-7.89	PK
		H	15660.000	32.09	18.58	50.67	54(Note3)	-3.33	PK
		V	10435.000	32.13	13.78	45.91	54(Note3)	-8.09	PK
		V	15660.000	32.54	18.77	51.31	54(Note3)	-2.69	PK
	48	H	10486.000	32.78	13.55	46.33	54(Note3)	-7.67	PK
		H	15720.000	32.21	20.28	52.49	54(Note3)	-1.51	PK
		V	10486.000	33.52	13.55	47.07	54(Note3)	-6.93	PK
		V	15720.000	32.41	20.27	52.68	54(Note3)	-1.32	PK
	149	H	11490.000	27.91	14.46	42.37	54(Note3)	-11.63	PK
		H	17235.000	27.69	21.34	49.03	54(Note3)	-4.97	PK
		V	11497.500	28.17	14.46	42.63	54(Note3)	-11.37	PK
		V	17235.000	26.63	21.34	47.97	54(Note3)	-6.03	PK
	157	H	11570.000	28.46	14.91	43.37	54(Note3)	-10.63	PK
		H	17355.000	25.96	21.19	47.15	54(Note3)	-6.85	PK
		V	11557.000	29.25	14.91	44.16	54(Note3)	-9.84	PK
		V	17355.000	24.61	21.19	45.80	54(Note3)	-8.20	PK
	165	H	11650.000	27.78	15.25	43.03	54(Note3)	-10.97	PK
		H	17475.000	27.08	20.90	47.98	54(Note3)	-6.02	PK
		V	11650.500	28.32	15.25	43.57	54(Note3)	-10.43	PK
		V	17475.000	26.84	20.90	47.74	54(Note3)	-6.26	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	32.73	13.35	46.08	54(Note3)	-7.92	PK
		H	15540.000	32.88	18.48	51.36	54(Note3)	-2.64	PK
		V	10358.500	33.47	13.34	46.81	54(Note3)	-7.19	PK
		V	15540.000	32.43	18.48	50.91	54(Note3)	-3.09	PK
	44	H	10440.000	31.95	13.78	45.73	54(Note3)	-8.27	PK
		H	15660.000	32.03	18.58	50.61	54(Note3)	-3.39	PK
		V	10435.000	32.34	13.78	46.12	54(Note3)	-7.88	PK
		V	15660.000	32.45	18.77	51.22	54(Note3)	-2.78	PK
	48	H	10486.000	33.21	13.55	46.76	54(Note3)	-7.24	PK
		H	15720.000	31.86	20.28	52.14	54(Note3)	-1.86	PK
		V	10486.000	34.27	13.55	47.82	54(Note3)	-6.18	PK
		V	15720.000	32.76	20.27	53.03	54(Note3)	-0.97	PK
	149	H	11490.000	28.02	14.46	42.48	54(Note3)	-11.52	PK
		H	17235.000	27.09	21.34	48.43	54(Note3)	-5.57	PK
		V	11497.500	28.70	14.46	43.16	54(Note3)	-10.84	PK
		V	17235.000	26.61	21.34	47.95	54(Note3)	-6.05	PK
	157	H	11570.000	27.79	14.91	42.70	54(Note3)	-11.30	PK
		H	17355.000	26.28	21.19	47.47	54(Note3)	-6.53	PK
		V	11557.000	29.40	14.91	44.31	54(Note3)	-9.69	PK
		V	17355.000	23.53	21.19	44.72	54(Note3)	-9.28	PK
	165	H	11650.000	27.93	15.25	43.18	54(Note3)	-10.82	PK
		H	17475.000	26.44	20.90	47.34	54(Note3)	-6.66	PK
		V	11650.500	28.78	15.25	44.03	54(Note3)	-9.97	PK
		V	17475.000	27.44	20.90	48.34	54(Note3)	-5.66	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 2: Transmit by 802.11n(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	33.24	13.35	46.59	54(Note3)	-7.41	PK
		H	15540.000	32.58	18.48	51.06	54(Note3)	-2.94	PK
		V	10358.500	33.36	13.34	46.70	54(Note3)	-7.30	PK
		V	15540.000	32.32	18.48	50.80	54(Note3)	-3.20	PK
	44	H	10440.000	32.75	13.78	46.53	54(Note3)	-7.47	PK
		H	15660.000	32.37	18.58	50.95	54(Note3)	-3.05	PK
		V	10435.000	32.69	13.78	46.47	54(Note3)	-7.53	PK
		V	15660.000	31.82	18.77	50.59	54(Note3)	-3.41	PK
	48	H	10486.000	32.54	13.55	46.09	54(Note3)	-7.91	PK
		H	15720.000	32.67	20.28	52.95	54(Note3)	-1.05	PK
		V	10486.000	33.80	13.55	47.35	54(Note3)	-6.65	PK
		V	15720.000	32.25	20.27	52.52	54(Note3)	-1.48	PK
	149	H	11490.000	28.51	14.46	42.97	54(Note3)	-11.03	PK
		H	17235.000	27.55	21.34	48.89	54(Note3)	-5.11	PK
		V	11497.500	29.03	14.46	43.49	54(Note3)	-10.51	PK
		V	17235.000	26.39	21.34	47.73	54(Note3)	-6.27	PK
	157	H	11570.000	27.92	14.91	42.83	54(Note3)	-11.17	PK
		H	17355.000	26.34	21.19	47.53	54(Note3)	-6.47	PK
		V	11557.000	30.15	14.91	45.06	54(Note3)	-8.94	PK
		V	17355.000	23.56	21.19	44.75	54(Note3)	-9.25	PK
	165	H	11650.000	28.52	15.25	43.77	54(Note3)	-10.23	PK
		H	17475.000	27.17	20.90	48.07	54(Note3)	-5.93	PK
		V	11650.500	28.79	15.25	44.04	54(Note3)	-9.96	PK
		V	17475.000	26.72	20.90	47.62	54(Note3)	-6.38	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	38	H	10380.000	32.48	13.15	45.63	54(Note3)	-8.37	PK
		H	15570.000	31.44	19.54	50.98	54(Note3)	-3.02	PK
		V	10375.500	32.23	13.15	45.38	54(Note3)	-8.62	PK
		V	15570.000	31.70	19.54	51.24	54(Note3)	-2.76	PK
	46	H	10469.000	33.25	13.45	46.70	54(Note3)	-7.30	PK
		H	15690.000	31.45	20.31	51.76	54(Note3)	-2.24	PK
		V	10460.500	34.30	13.45	47.75	54(Note3)	-6.25	PK
		V	15690.000	31.13	20.31	51.44	54(Note3)	-2.56	PK
	151	H	11510.000	29.17	15.26	44.43	54(Note3)	-9.57	PK
		H	17265.000	25.27	21.44	46.71	54(Note3)	-7.29	PK
		V	11506.000	29.17	15.26	44.43	54(Note3)	-9.57	PK
		V	17265.000	26.62	21.44	48.06	54(Note3)	-5.94	PK
	159	H	11608.000	28.25	15.74	43.99	54(Note3)	-10.01	PK
		H	17385.000	26.47	21.03	47.50	54(Note3)	-6.50	PK
		V	11608.000	28.61	15.74	44.35	54(Note3)	-9.65	PK
		V	17385.000	26.18	21.03	47.21	54(Note3)	-6.79	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	38	H	10380.000	32.63	13.15	45.78	54(Note3)	-8.22	PK
		H	15570.000	31.36	19.54	50.90	54(Note3)	-3.10	PK
		V	10375.500	33.30	13.15	46.45	54(Note3)	-7.55	PK
		V	15570.000	31.64	19.54	51.18	54(Note3)	-2.82	PK
	46	H	10469.000	31.47	13.45	44.92	54(Note3)	-9.08	PK
		H	15690.000	31.17	20.31	51.48	54(Note3)	-2.52	PK
		V	10460.500	31.87	13.45	45.32	54(Note3)	-8.68	PK
		V	15690.000	31.68	20.31	51.99	54(Note3)	-2.01	PK
	151	H	11510.000	31.45	15.26	46.71	54(Note3)	-7.29	PK
		H	17265.000	31.49	21.44	52.93	54(Note3)	-1.07	PK
		V	11506.000	33.61	15.26	48.87	54(Note3)	-5.13	PK
		V	17265.000	32.03	21.44	53.47	54(Note3)	-0.53	PK
	159	H	11608.000	26.91	15.74	42.65	54(Note3)	-11.35	PK
		H	17385.000	27.21	21.03	48.24	54(Note3)	-5.76	PK
		V	11608.000	28.16	15.74	43.90	54(Note3)	-10.10	PK
		V	17385.000	25.95	21.03	46.98	54(Note3)	-7.02	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	38	H	10380.000	33.12	13.15	46.27	54(Note3)	-7.73	PK
		H	15570.000	31.80	19.54	51.34	54(Note3)	-2.66	PK
		V	10375.500	33.61	13.15	46.76	54(Note3)	-7.24	PK
		V	15570.000	31.16	19.54	50.70	54(Note3)	-3.30	PK
	46	H	10469.000	31.62	13.45	45.07	54(Note3)	-8.93	PK
		H	15690.000	31.48	20.31	51.79	54(Note3)	-2.21	PK
		V	10460.500	31.25	13.45	44.70	54(Note3)	-9.30	PK
		V	15690.000	31.33	20.31	51.64	54(Note3)	-2.36	PK
	151	H	11510.000	32.08	15.26	47.34	54(Note3)	-6.66	PK
		H	17265.000	31.87	21.44	53.31	54(Note3)	-0.69	PK
		V	11506.000	33.13	15.26	48.39	54(Note3)	-5.61	PK
		V	17265.000	32.63	21.44	54.07	54(Note3)	0.07	PK
	159	H	11608.000	26.48	15.74	42.22	54(Note3)	-11.78	PK
		H	17385.000	26.80	21.03	47.83	54(Note3)	-6.17	PK
		V	11608.000	28.13	15.74	43.87	54(Note3)	-10.13	PK
		V	17385.000	25.91	21.03	46.94	54(Note3)	-7.06	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	36	H	10360.000	32.91	13.35	46.26	54(Note3)	-7.74	PK
		H	15540.000	32.03	18.48	50.51	54(Note3)	-3.49	PK
		V	10358.500	32.99	13.34	46.33	54(Note3)	-7.67	PK
		V	15540.000	31.81	18.48	50.29	54(Note3)	-3.71	PK
	44	H	10440.000	31.47	13.78	45.25	54(Note3)	-8.75	PK
		H	15660.000	30.99	18.58	49.57	54(Note3)	-4.43	PK
		V	10435.000	32.08	13.78	45.86	54(Note3)	-8.14	PK
		V	15660.000	31.50	18.77	50.27	54(Note3)	-3.73	PK
	48	H	10486.000	32.09	13.55	45.64	54(Note3)	-8.36	PK
		H	15720.000	31.91	20.28	52.19	54(Note3)	-1.81	PK
		V	10486.000	32.77	13.55	46.32	54(Note3)	-7.68	PK
		V	15720.000	32.22	20.27	52.49	54(Note3)	-1.51	PK
	149	H	11490.000	26.42	14.46	40.88	54(Note3)	-13.12	PK
		H	17235.000	27.55	21.34	48.89	54(Note3)	-5.11	PK
		V	11497.500	27.74	14.46	42.20	54(Note3)	-11.80	PK
		V	17235.000	25.86	21.34	47.20	54(Note3)	-6.80	PK
	157	H	11570.000	28.65	14.91	43.56	54(Note3)	-10.44	PK
		H	17355.000	25.67	21.19	46.86	54(Note3)	-7.14	PK
		V	11557.000	29.77	14.91	44.68	54(Note3)	-9.32	PK
		V	17355.000	23.61	21.19	44.80	54(Note3)	-9.20	PK
	165	H	11650.000	28.56	15.25	43.81	54(Note3)	-10.19	PK
		H	17475.000	27.00	20.90	47.90	54(Note3)	-6.10	PK
		V	11650.500	29.00	15.25	44.25	54(Note3)	-9.75	PK
		V	17475.000	26.72	20.90	47.62	54(Note3)	-6.38	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	36	H	10360.000	33.24	13.35	46.59	54(Note3)	-7.41	PK
		H	15540.000	32.09	18.48	50.57	54(Note3)	-3.43	PK
		V	10358.500	33.40	13.34	46.74	54(Note3)	-7.26	PK
		V	15540.000	31.60	18.48	50.08	54(Note3)	-3.92	PK
	44	H	10440.000	31.83	13.78	45.61	54(Note3)	-8.39	PK
		H	15660.000	31.23	18.58	49.81	54(Note3)	-4.19	PK
		V	10435.000	31.47	13.78	45.25	54(Note3)	-8.75	PK
		V	15660.000	31.53	18.77	50.30	54(Note3)	-3.70	PK
	48	H	10486.000	31.47	13.55	45.02	54(Note3)	-8.98	PK
		H	15720.000	32.06	20.28	52.34	54(Note3)	-1.66	PK
		V	10486.000	32.84	13.55	46.39	54(Note3)	-7.61	PK
		V	15720.000	31.98	20.27	52.25	54(Note3)	-1.75	PK
	149	H	11490.000	26.74	14.46	41.20	54(Note3)	-12.80	PK
		H	17235.000	27.23	21.34	48.57	54(Note3)	-5.43	PK
		V	11497.500	28.36	14.46	42.82	54(Note3)	-11.18	PK
		V	17235.000	25.80	21.34	47.14	54(Note3)	-6.86	PK
	157	H	11570.000	27.78	14.91	42.69	54(Note3)	-11.31	PK
		H	17355.000	25.63	21.19	46.82	54(Note3)	-7.18	PK
		V	11557.000	29.26	14.91	44.17	54(Note3)	-9.83	PK
		V	17355.000	23.52	21.19	44.71	54(Note3)	-9.29	PK
	165	H	11650.000	27.71	15.25	42.96	54(Note3)	-11.04	PK
		H	17475.000	27.18	20.90	48.08	54(Note3)	-5.92	PK
		V	11650.500	28.47	15.25	43.72	54(Note3)	-10.28	PK
		V	17475.000	26.60	20.90	47.50	54(Note3)	-6.50	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	36	H	10360.000	33.21	13.35	46.56	54(Note3)	-7.44	PK
		H	15540.000	31.56	18.48	50.04	54(Note3)	-3.96	PK
		V	10358.500	33.72	13.34	47.06	54(Note3)	-6.94	PK
		V	15540.000	31.91	18.48	50.39	54(Note3)	-3.61	PK
	44	H	10440.000	32.21	13.78	45.99	54(Note3)	-8.01	PK
		H	15660.000	31.36	18.58	49.94	54(Note3)	-4.06	PK
		V	10435.000	31.77	13.78	45.55	54(Note3)	-8.45	PK
		V	15660.000	31.62	18.77	50.39	54(Note3)	-3.61	PK
	48	H	10486.000	31.78	13.55	45.33	54(Note3)	-8.67	PK
		H	15720.000	31.40	20.28	51.68	54(Note3)	-2.32	PK
		V	10486.000	32.85	13.55	46.40	54(Note3)	-7.60	PK
		V	15720.000	32.35	20.27	52.62	54(Note3)	-1.38	PK
	149	H	11490.000	27.14	14.46	41.60	54(Note3)	-12.40	PK
		H	17235.000	27.37	21.34	48.71	54(Note3)	-5.29	PK
		V	11497.500	28.36	14.46	42.82	54(Note3)	-11.18	PK
		V	17235.000	25.93	21.34	47.27	54(Note3)	-6.73	PK
	157	H	11570.000	27.90	14.91	42.81	54(Note3)	-11.19	PK
		H	17355.000	26.28	21.19	47.47	54(Note3)	-6.53	PK
		V	11557.000	29.59	14.91	44.50	54(Note3)	-9.50	PK
		V	17355.000	23.94	21.19	45.13	54(Note3)	-8.87	PK
	165	H	11650.000	28.06	15.25	43.31	54(Note3)	-10.69	PK
		H	17475.000	26.95	20.90	47.85	54(Note3)	-6.15	PK
		V	11650.500	28.92	15.25	44.17	54(Note3)	-9.83	PK
		V	17475.000	26.98	20.90	47.88	54(Note3)	-6.12	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	38	H	10380.000	32.45	13.15	45.60	54(Note3)	-8.40	PK
		H	15570.000	31.65	19.54	51.19	54(Note3)	-2.81	PK
		V	10375.500	33.08	13.15	46.23	54(Note3)	-7.77	PK
		V	15570.000	31.33	19.54	50.87	54(Note3)	-3.13	PK
	46	H	10469.000	32.25	13.45	45.70	54(Note3)	-8.30	PK
		H	15690.000	31.67	20.31	51.98	54(Note3)	-2.02	PK
		V	10460.500	31.49	13.45	44.94	54(Note3)	-9.06	PK
		V	15690.000	32.06	20.31	52.37	54(Note3)	-1.63	PK
	151	H	11510.000	31.38	15.26	46.64	54(Note3)	-7.36	PK
		H	17265.000	32.26	21.44	53.70	54(Note3)	-0.30	PK
		V	11506.000	32.78	15.26	48.04	54(Note3)	-5.96	PK
		V	17265.000	31.90	21.44	53.34	54(Note3)	-0.66	PK
	159	H	11608.000	27.40	15.74	43.14	54(Note3)	-10.86	PK
		H	17385.000	26.67	21.03	47.70	54(Note3)	-6.30	PK
		V	11608.000	27.99	15.74	43.73	54(Note3)	-10.27	PK
		V	17385.000	25.79	21.03	46.82	54(Note3)	-7.18	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	38	H	10380.000	32.46	13.15	45.61	54(Note3)	-8.39	PK
		H	15570.000	31.62	19.54	51.16	54(Note3)	-2.84	PK
		V	10375.500	33.58	13.15	46.73	54(Note3)	-7.27	PK
		V	15570.000	31.49	19.54	51.03	54(Note3)	-2.97	PK
	46	H	10469.000	31.50	13.45	44.95	54(Note3)	-9.05	PK
		H	15690.000	31.39	20.31	51.70	54(Note3)	-2.30	PK
		V	10460.500	31.30	13.45	44.75	54(Note3)	-9.25	PK
		V	15690.000	31.99	20.31	52.30	54(Note3)	-1.70	PK
	151	H	11510.000	31.70	15.26	46.96	54(Note3)	-7.04	PK
		H	17265.000	31.76	21.44	53.20	54(Note3)	-0.80	PK
		V	11506.000	32.66	15.26	47.92	54(Note3)	-6.08	PK
		V	17265.000	31.86	21.44	53.30	54(Note3)	-0.70	PK
	159	H	11608.000	27.04	15.74	42.78	54(Note3)	-11.22	PK
		H	17385.000	27.39	21.03	48.42	54(Note3)	-5.58	PK
		V	11608.000	27.73	15.74	43.47	54(Note3)	-10.53	PK
		V	17385.000	25.79	21.03	46.82	54(Note3)	-7.18	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	38	H	10380.000	32.59	13.15	45.74	54(Note3)	-8.26	PK
		H	15570.000	31.36	19.54	50.90	54(Note3)	-3.10	PK
		V	10375.500	33.52	13.15	46.67	54(Note3)	-7.33	PK
		V	15570.000	31.23	19.54	50.77	54(Note3)	-3.23	PK
	46	H	10469.000	32.26	13.45	45.71	54(Note3)	-8.29	PK
		H	15690.000	31.36	20.31	51.67	54(Note3)	-2.33	PK
		V	10460.500	32.05	13.45	45.50	54(Note3)	-8.50	PK
		V	15690.000	31.61	20.31	51.92	54(Note3)	-2.08	PK
	151	H	11510.000	32.07	15.26	47.33	54(Note3)	-6.67	PK
		H	17265.000	31.50	21.44	52.94	54(Note3)	-1.06	PK
		V	11506.000	33.20	15.26	48.46	54(Note3)	-5.54	PK
		V	17265.000	32.24	21.44	53.68	54(Note3)	-0.32	PK
	159	H	11608.000	26.72	15.74	42.46	54(Note3)	-11.54	PK
		H	17385.000	26.63	21.03	47.66	54(Note3)	-6.34	PK
		V	11608.000	28.14	15.74	43.88	54(Note3)	-10.12	PK
		V	17385.000	25.68	21.03	46.71	54(Note3)	-7.29	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1	42	H	10460.0	32.43	13.45	45.88	54(Note3)	-8.12	PK
		H	15690.0	31.45	20.31	51.76	54(Note3)	-2.24	PK
		V	10460.0	33.08	13.45	46.53	54(Note3)	-7.47	PK
		V	15690.0	31.09	20.31	51.40	54(Note3)	-2.60	PK
	155	H	11550.0	31.77	13.66	45.43	54(Note3)	-8.57	PK
		H	17325.0	31.23	20.32	51.55	54(Note3)	-2.45	PK
		V	11550.0	31.77	13.66	45.43	54(Note3)	-8.57	PK
		V	17325.0	31.88	20.32	52.20	54(Note3)	-1.80	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 2	42	H	10460.0	32.75	13.45	46.20	54(Note3)	-7.80	PK
		H	15690.0	31.89	20.31	52.20	54(Note3)	-1.80	PK
		V	10460.0	32.92	13.45	46.37	54(Note3)	-7.63	PK
		V	15690.0	31.98	20.31	52.29	54(Note3)	-1.71	PK
	155	H	11550.0	31.34	13.66	45.00	54(Note3)	-9.00	PK
		H	17325.0	31.34	20.32	51.66	54(Note3)	-2.34	PK
		V	11550.0	32.13	13.66	45.79	54(Note3)	-8.21	PK
		V	17325.0	31.87	20.32	52.19	54(Note3)	-1.81	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

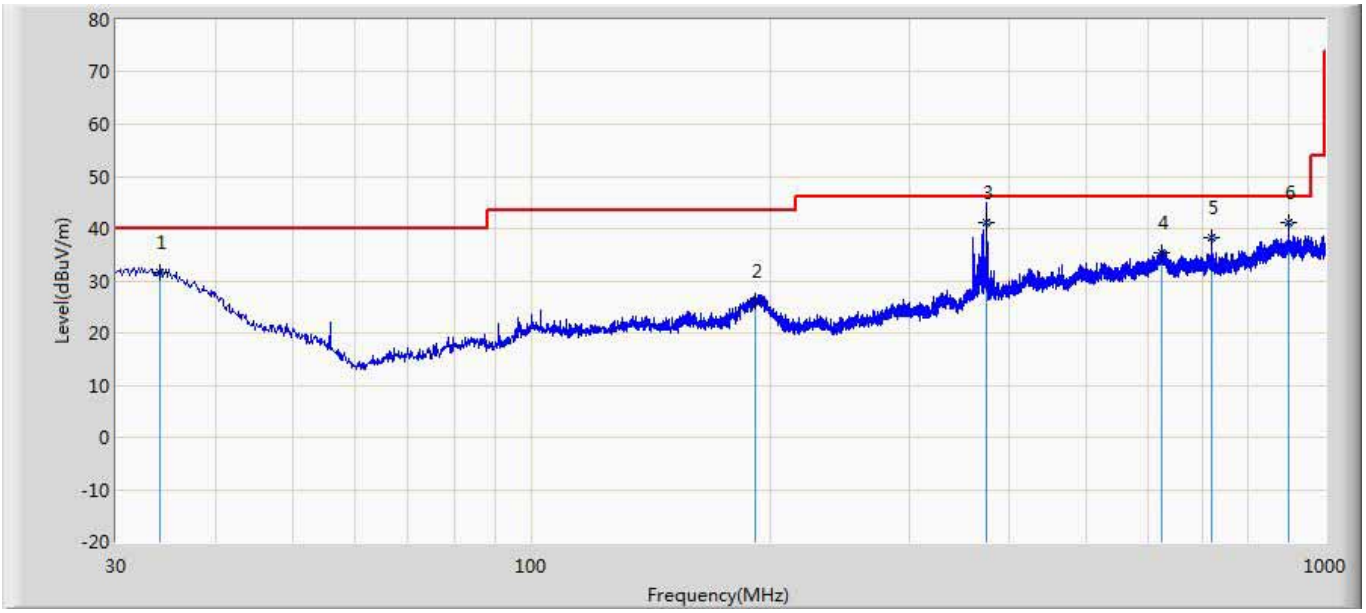
Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	AC-5
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)	Test Date	:	2017.05.11

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measured Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
Ant 1+2	42	H	10460.0	33.10	13.45	46.55	54(Note3)	-7.45	PK
		H	15690.0	31.36	20.31	51.67	54(Note3)	-2.33	PK
		V	10460.0	33.15	13.45	46.60	54(Note3)	-7.40	PK
		V	15690.0	30.98	20.31	51.29	54(Note3)	-2.71	PK
	155	H	11550.0	31.49	13.66	45.15	54(Note3)	-8.85	PK
		H	17325.0	31.24	20.32	51.56	54(Note3)	-2.44	PK
		V	11550.0	32.06	13.66	45.72	54(Note3)	-8.28	PK
		V	17325.0	31.65	20.32	51.97	54(Note3)	-2.03	PK

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2017/04/26
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_CBL6112_0726	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180MHz by 802.11a	

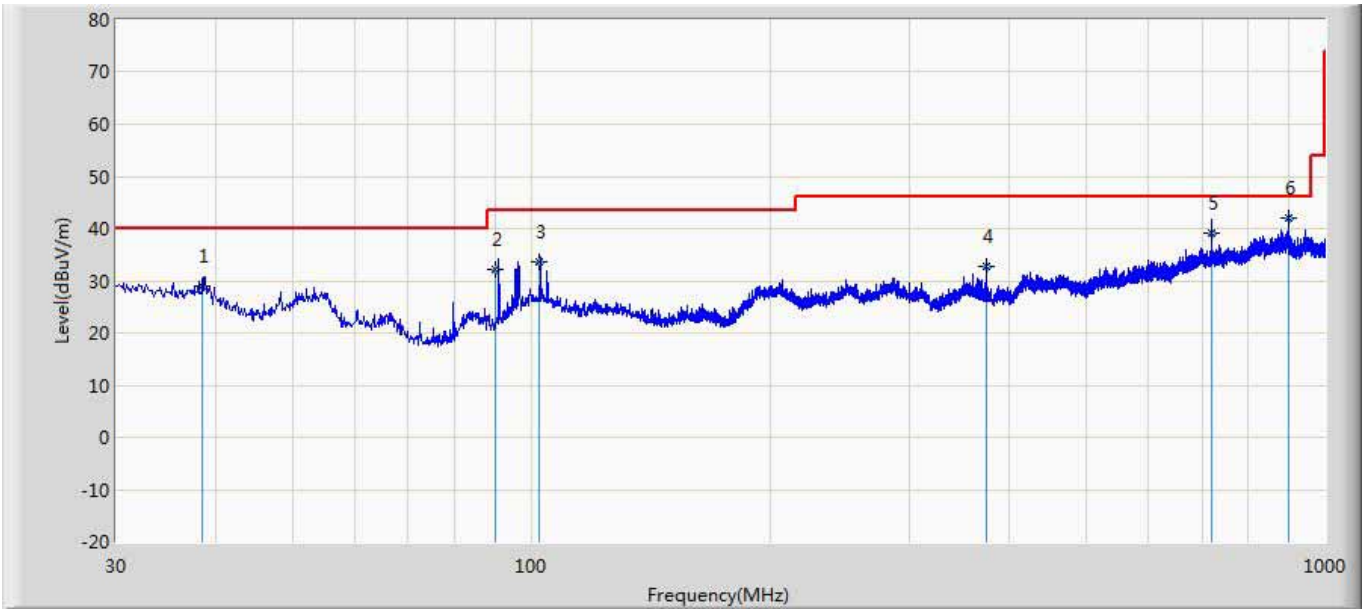


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		34.120	31.507	37.619	-8.493	40.000	16.411	0.632	23.155	100	145	QP
2		191.300	26.213	38.617	-17.287	43.500	9.239	1.500	23.143	200	65	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: AC2_CBL6112_0726	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180MHz by 802.11a	



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:

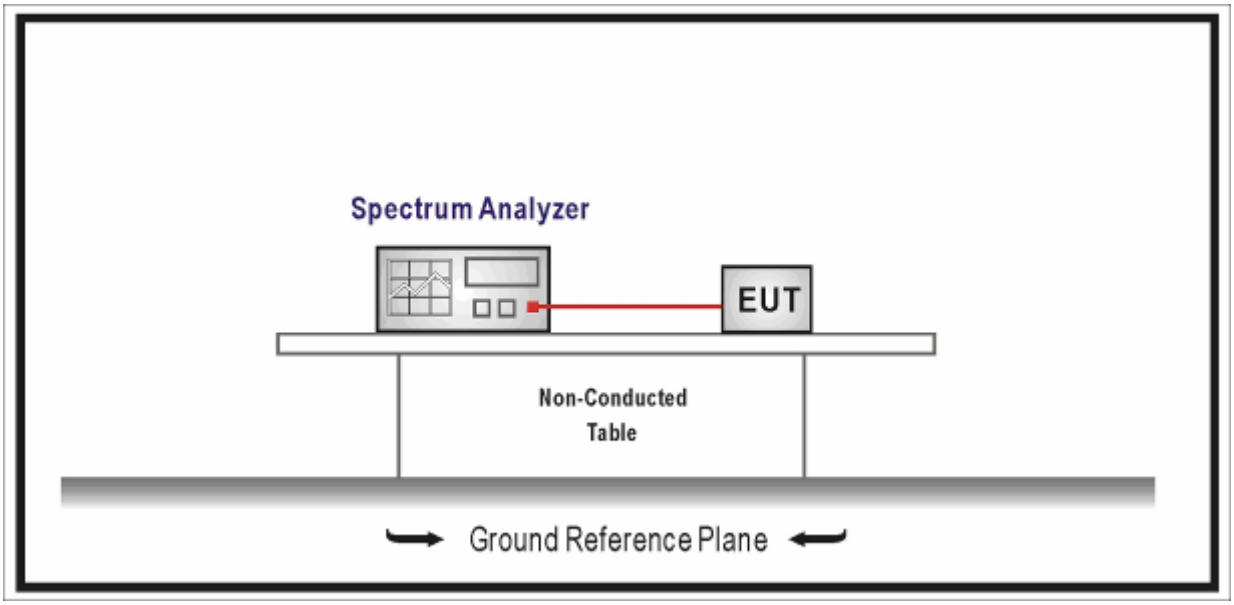
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.09
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.09
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.10
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup



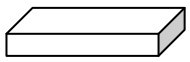
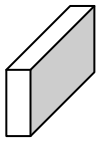
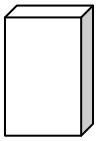
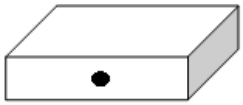
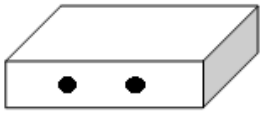
5.3. Limit

N/A

5.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v01r04	C	Bandwidth Measurement
	☒ FCC KDB 789033 D02v01r04	C.1	Emission Bandwidth (26dB)
	☐ FCC KDB 789033 D02v01r04	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033 D02v01r04	D	99 Percent Occupied Bandwidth

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Occupied bandwidth</td></tr>
<tr><td rowspan="5">Device Category</td><td>☒</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☒</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="14">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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5.6. Test Result

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR8
Test Mode	:	Mode 1~6	Test Date	:	2017.05.21

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
36	5180	21.42	16.807	5170.59	Pass
44	5220	21.05	16.593	N/A	Pass
48	5240	21.21	16.803	5248.40	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
36	5180	21.33	17.810	5171.10	Pass
44	5220	21.03	17.796	N/A	Pass
48	5240	21.15	17.731	5248.87	Pass

Mode 3: Transmit by 802.11n(40MHz)

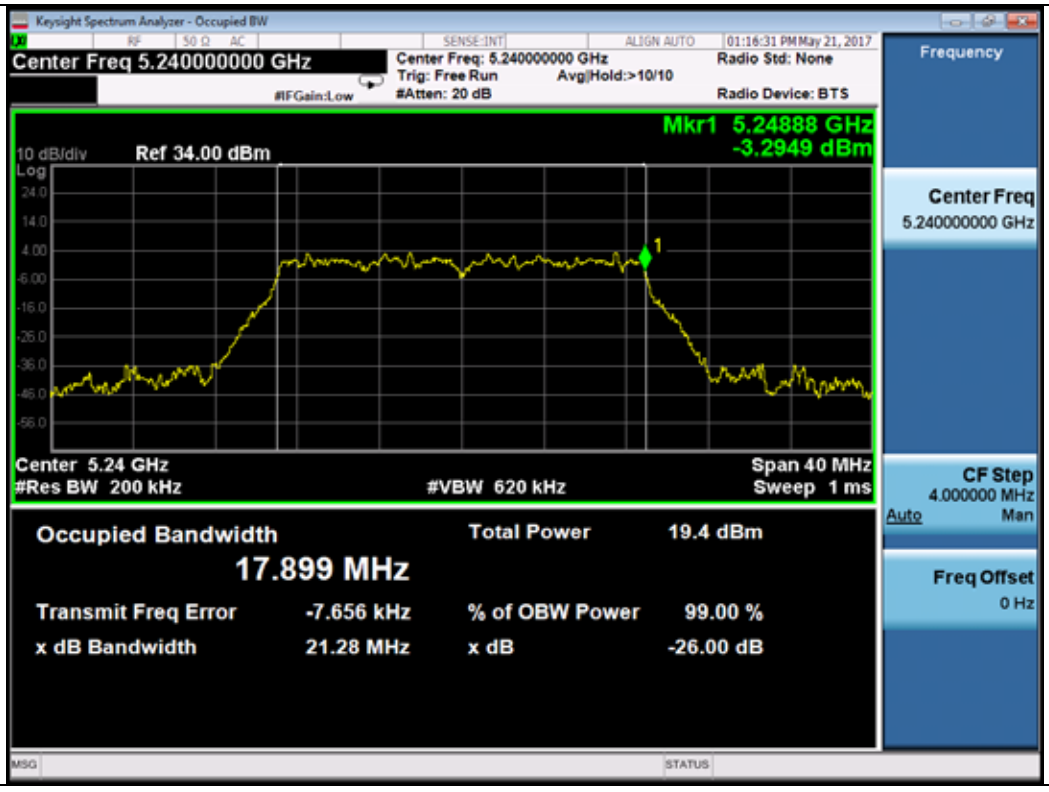
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
38	5190	39.47	36.267	5171.87	Pass
46	5230	39.41	36.329	5248.16	Pass

Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
36	5180	21.22	17.854	5171.07	Pass
44	5220	21.49	17.893	N/A	Pass
48	5240	21.28	17.899	5248.95	Pass

Mode 5: Transmit by 802.11ac(40MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
38	5190	39.48	36.237	5171.88	Pass
46	5230	39.76	36.349	5238.95	Pass
Mode 6: Transmit by 802.11ac(80MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	Ant0(Worst Data)	
42	5210	78.83	75.605	5172.19/5247.80	Pass
The worst case of Occupied Bandwidth as below:					

Mode 4: CH48 (5240MHz) Ant 0

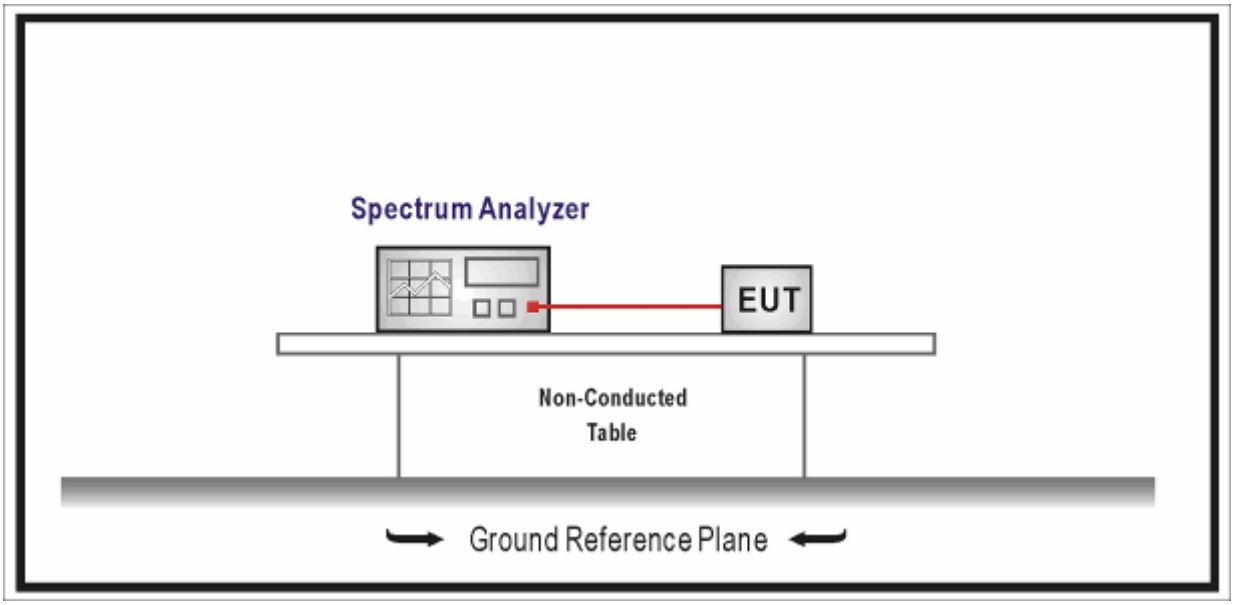


6. 6dB bandwidth

6.1. Test Equipment

Emission bandwidth and 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.					

6.2. Test Setup



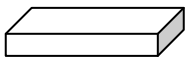
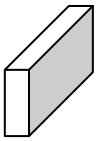
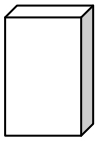
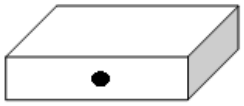
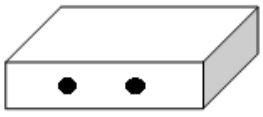
6.3. Limit

>500kHz

6.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v01r03	C	Bandwidth Measurement
	☐ FCC KDB 789033 D02v01r04	C.1	Emission Bandwidth (26dB)
	☒ FCC KDB 789033 D02v01r04	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v01r04	D	99 Percent Occupied Bandwidth

6.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">6dB bandwidth</td></tr>
<tr><td rowspan="5">Device Category</td><td>☒</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☒</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</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>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

6.6. Test Result

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR8
Test Mode	:	Mode 1~6	Test Date	:	2017.05.21

Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
149	5745	16.26	>500	Pass
157	5785	16.32		Pass
165	5825	16.32		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
149	5745	17.71	>500	Pass
157	5785	17.62		Pass
165	5825	17.64		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
151	5755	36.43	>500	Pass
159	5795	36.42		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
149	5745	17.33	>500	Pass
157	5785	17.56		Pass
165	5825	17.35		Pass

Mode 5: Transmit by 802.11ac(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
151	5755	36.37	>500	Pass
159	5795	36.48		Pass
Mode 6: Transmit by 802.11ac(80MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant0 (Worst Data)		
155	5775	76.06	>500	Pass
Note:The worst case of Occupied Bandwidth as below:				

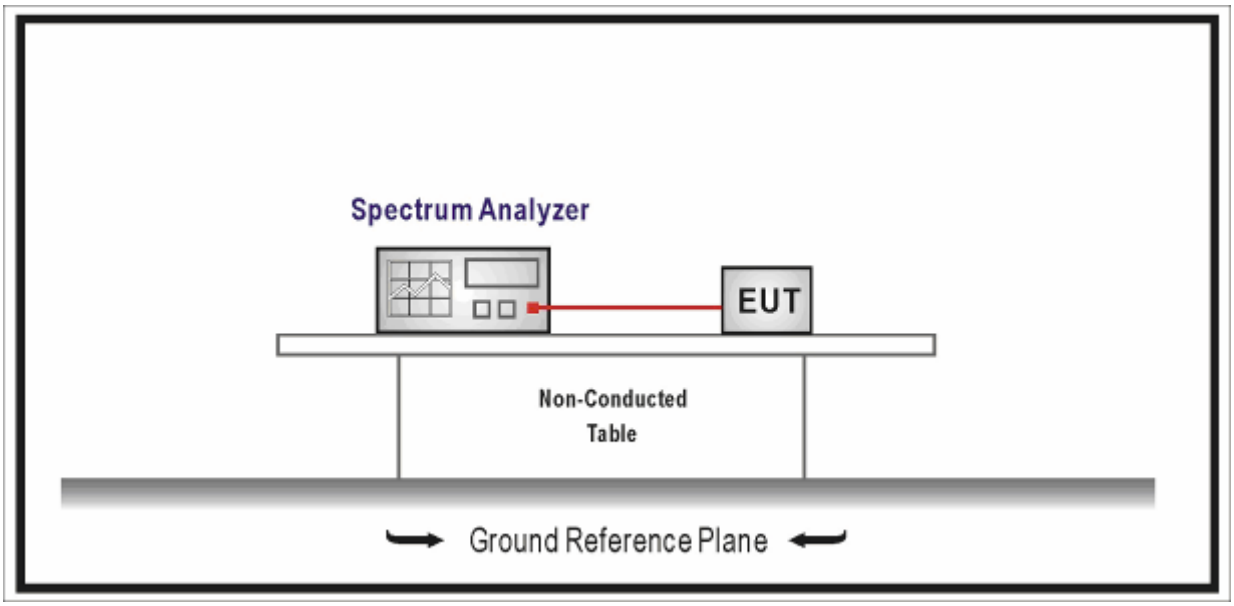
Mode 1: CH149 (5745MHz) Ant 0

7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.03	2018.01.02
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2016.10.14	2017.10.13
Power Sensor	Anritsu	MA2411B	0846014	2016.10.14	2017.10.13
Temperature/Humidity Meter	zhicheng	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.					

7.2. Test Setup



7.3. Limit

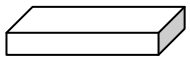
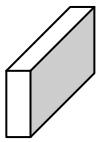
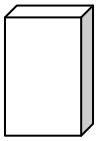
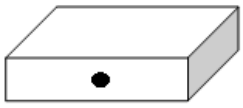
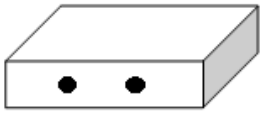
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☒	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then Pout≤30 - (G_{TX} - 6) and ≤125mW at any angle above 30 degrees
	☐	Indoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then Pout≤30 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 23dBi, then Pout≤30 - (G_{TX} - 23)
	☐	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If G_{TX} > 6dBi, then Pout≤24 - (G_{TX} - 6)
☐	For the band 5.25-5.35 GHz:	
	☐	the maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX} > 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (GTX - 6)
☐	For the 5.47-5.725 GHz:	
	☐	the maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX} > 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz:	
	☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

7.4. Test Procedure

Fundamental emission output power Test Method					
	References Rule			Chapter	Description
☒	ANSI C63.10			12.3	Maximum conducted output power
	☒	ANSI C63.10		12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐	ANSI C63.10	12.3.2.2	Method SA-1
		☐	ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒	ANSI C63.10	12.3.2.4	Method SA-2
		☐	ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐	ANSI C63.10	12.3.2.6	Method SA-3
		☐	ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10		12.3.3	Maximum conducted output power using a power meter
		☐	ANSI C63.10	12.3.3.1	Method PM
		☒	ANSI C63.10	12.3.3.2	Method PM-G
☒	KDB 789033			H	Measurement of emission at elevation angle higher than 30° from horizon
	☒	KDB 789033		1	For fixed infrastructure, not electrically or mechanically steerable beam antenna
		☒	KDB 789033	a)	elevation plane radiation pattern is available:
		☐	KDB 789033	b)	elevation plane radiation pattern is not available
	☐	KDB 789033		2	For All Other Types of Antenna

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

7.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Power Output</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-12</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>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

7.6. Test Result

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR8
Test Mode	:	Mode 1~6 with configuration #1	Test Date	:	2017.05.18

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.35	20.16	19.75	18.85	22.33	24.0	Pass
CH42	5220	20.22	20.13	19.63	18.91	22.30	24.0	Pass
CH48	5240	20.41	20.25	19.72	18.77	22.28	24.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	20.12	19.82	14.95	13.68	17.37	24.0	Pass
CH157	5785	20.03	19.64	14.86	14.31	17.60	24.0	Pass
CH165	5825	19.62	19.38	15.31	13.91	17.68	24.0	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.31	19.88	19.35	18.21	21.83	24.0	Pass
CH42	5220	20.27	19.72	19.27	18.32	21.83	24.0	Pass
CH48	5240	20.19	19.91	19.43	18.27	21.90	24.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	19.65	19.51	15.01	14.05	17.57	24.0	Pass
CH157	5785	19.35	19.47	15.13	14.19	17.70	24.0	Pass
CH165	5825	19.49	19.35	15.28	14.58	17.95	24.0	Pass

Mode 3: Transmit by 802.11n(40MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5190	17.93	16.89	15.71	14.69	18.24	24.0	Pass
46	5230	17.82	16.73	15.78	14.76	18.31	24.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
151	5755	19.84	19.21	16.1	15.35	18.75	24.0	Pass
159	5795	19.83	18.89	17.23	15.87	19.61	24.0	Pass
Mode 4: Transmit by 802.11ac(20MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.24	19.90	19.27	18.41	21.87	24.0	Pass
CH42	5220	20.31	19.87	19.33	18.39	21.90	24.0	Pass
CH48	5240	20.21	19.89	19.41	18.47	21.98	24.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	19.64	19.57	15.42	14.63	18.05	24.0	Pass
CH157	5785	19.42	19.64	15.34	14.76	18.07	24.0	Pass
CH165	5825	19.52	19.34	15.91	14.4	18.23	24.0	Pass
Mode 5: Transmit by 802.11ac(40MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5190	17.32	16.7	15.24	14.39	17.85	24.0	Pass
46	5230	17.27	16.73	15.31	14.42	17.90	24.0	Pass

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
151	5755	19.95	19.21	17.06	16.13	19.63	24.0	Pass
159	5795	19.84	19.66	17.14	15.84	19.55	24.0	Pass
Mode 5: Transmit by 802.11ac(80MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5210	17.32	11.12	6.64	5.82	9.26	24.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
155	5775	18.72	10.22	16.64	15.72	19.21	24.0	Pass
Note : Limit=30-(Antenna – 6)								

Measurement of emission at elevation angle higher than 30 degrees from horizon

Mode 1: Transmit by 802.11a											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.35	20.16	19.75	18.85	-3	17.35	17.16	19.33	21.0	Pass
CH42	5220	20.22	20.13	19.63	18.91	-3	17.22	17.13	19.30	21.0	Pass
CH48	5240	20.41	20.25	19.72	18.77	-3	17.41	17.25	19.28	21.0	Pass
Mode 2: Transmit by 802.11n(20MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.31	19.88	19.75	18.85	-3	17.31	16.88	18.83	21.0	Pass
CH42	5220	20.27	19.72	19.63	18.91	-3	17.27	16.72	18.83	21.0	Pass
CH48	5240	20.19	19.91	19.72	18.77	-3	17.19	16.91	18.90	21.0	Pass
Mode 3: Transmit by 802.11n(40MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
38	5190	17.93	16.89	15.71	14.69	-3	14.93	13.89	15.24	21.0	Pass
46	5230	17.82	16.73	15.78	14.76	-3	14.82	13.73	15.31	21.0	Pass
Mode 4: Transmit by 802.11ac(20MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.24	19.90	19.27	18.41	-3	17.24	16.90	18.87	21.0	Pass
CH42	5220	20.31	19.87	19.33	18.39	-3	17.31	16.87	18.90	21.0	Pass
CH48	5240	20.21	19.89	19.41	18.47	-3	17.21	16.89	18.98	21.0	Pass

Mode 5: Transmit by 802.11ac(40MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
38	5190	17.32	16.7	15.24	14.39	-3	14.32	13.70	14.85	21.0	Pass
46	5230	17.27	16.73	15.31	14.42	-3	14.27	13.73	14.90	21.0	Pass
Mode 6: Transmit by 802.11ac(80MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH42	5210	11.12	10.22	6.64	5.82	-3	8.12	7.22	6.26	21.0	Pass
Note: EIRP = Measurement Power + Highest Gain (Between 30 ° and 90 °)											

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR8
Test Mode	:	Mode 1~6 with configuration #2	Test Date	:	2017.05.18

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.34	20.28	19.01	18.11	21.59	22.0	Pass
CH42	5220	20.51	20.37	18.93	18.07	21.53	22.0	Pass
CH48	5240	20.27	20.22	19.12	18.25	21.72	22.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	17.52	17.12	14.75	13.82	17.32	22.0	Pass
CH157	5785	17.20	17.31	14.61	13.95	17.30	22.0	Pass
CH165	5825	14.64	14.52	14.1	12.91	16.56	22.0	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.24	20.35	18.71	17.56	21.18	22.0	Pass
CH42	5220	20.37	20.27	18.99	17.43	21.29	22.0	Pass
CH48	5240	20.22	20.41	18.82	17.62	21.27	22.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	15.43	15.37	13.95	12.88	16.46	22.0	Pass
CH157	5785	15.07	14.73	13.74	13.02	16.41	22.0	Pass
CH165	5825	15.56	15.22	13.02	12.01	15.55	22.0	Pass

Mode 3: Transmit by 802.11n(40MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5190	18.43	17.89	17.27	16.2	19.78	22.0	Pass
46	5230	18.52	17.79	17.11	16.14	19.66	22.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
151	5755	17.68	16.01	15.11	14.47	17.81	22.0	Pass
159	5795	15.89	15.77	14.51	13.31	16.96	22.0	Pass
Mode 4: Transmit by 802.11ac(20MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH36	5180	20.33	20.33	18.94	17.93	21.47	22.0	Pass
CH42	5220	20.27	20.26	18.87	17.75	21.36	22.0	Pass
CH48	5240	20.51	20.37	18.73	17.86	21.33	22.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
CH149	5745	15.40	15.48	13.13	12.04	15.63	22.0	Pass
CH157	5785	15.11	15.53	13.01	12.18	15.63	22.0	Pass
CH165	5825	15.55	15.22	13.11	12.04	15.62	22.0	Pass
Mode 5: Transmit by 802.11ac(40MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5190	18.48	17.48	17.15	15.82	19.55	22.0	Pass
46	5230	18.52	17.59	17.04	15.69	19.43	22.0	Pass

Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
151	5755	16.73	16.03	15.23	14.5	17.89	22.0	Pass
159	5795	15.72	15.76	14.44	13.38	16.95	22.0	Pass
Mode 5: Transmit by 802.11ac(80MHz)								
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
38	5210	11.59	10.75	9.71	8.84	12.31	22.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2			
155	5775	16.10	15.45	14.72	13.85	17.32	22.0	Pass
Note : Limit=30-(Antenna – 6)								

Measurement of emission at elevation angle higher than 30 degrees from horizon

Mode 1: Transmit by 802.11a											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.34	20.28	20.01	19.11	-4	16.34	16.28	18.59	21.0	Pass
CH42	5220	20.51	20.37	19.93	19.07	-4	16.51	16.37	18.53	21.0	Pass
CH48	5240	20.27	20.22	20.12	19.25	-4	16.27	16.22	18.72	21.0	Pass
Mode 2: Transmit by 802.11n(20MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.24	20.35	19.71	18.56	-4	16.24	16.35	18.18	21.0	Pass
CH42	5220	20.37	20.27	19.99	18.43	-4	16.37	16.27	18.29	21.0	Pass
CH48	5240	20.22	20.41	19.82	18.62	-4	16.22	16.41	18.27	21.0	Pass
Mode 3: Transmit by 802.11n(40MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
38	5190	18.43	17.89	17.27	16.2	-4	14.43	13.89	15.78	21.0	Pass
46	5230	18.52	17.79	17.11	16.14	-4	14.52	13.79	15.66	21.0	Pass
Mode 4: Transmit by 802.11ac(20MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH36	5180	20.33	20.33	19.94	18.93	-4	16.33	16.33	18.47	21.0	Pass
CH42	5220	20.27	20.26	19.87	18.75	-4	16.27	16.26	18.36	21.0	Pass
CH48	5240	20.51	20.37	19.73	18.86	-4	16.51	16.37	18.33	21.0	Pass

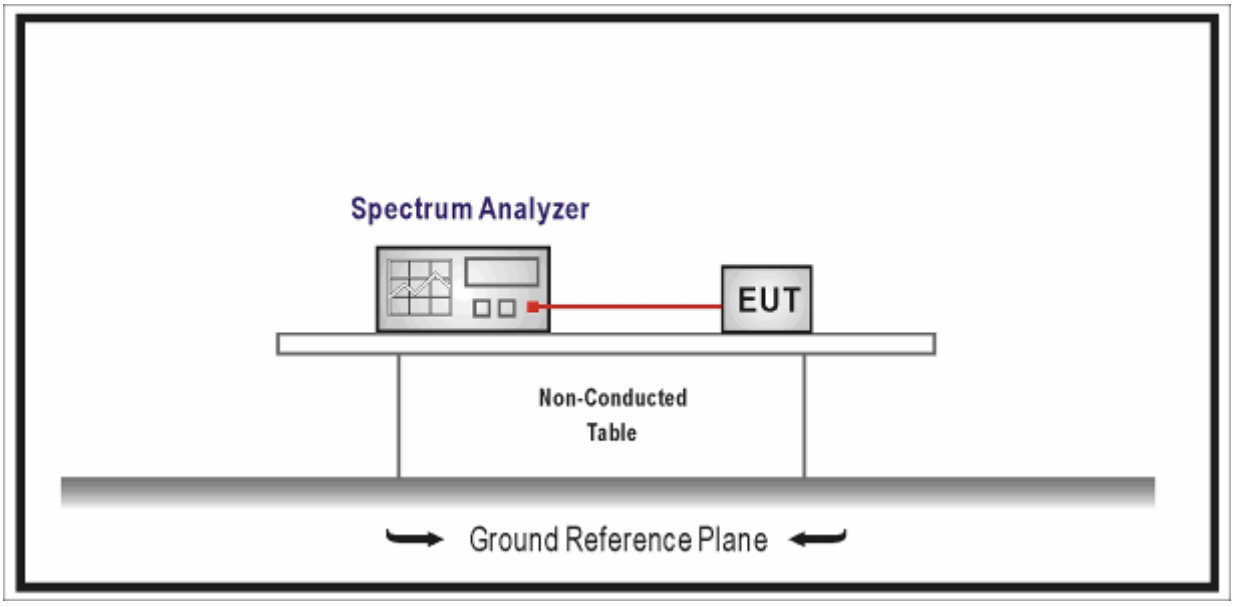
Mode 5: Transmit by 802.11ac(40MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
38	5190	18.48	17.48	17.15	15.82	-4	14.48	13.48	15.55	21.0	Pass
46	5230	18.52	17.59	17.04	15.69	-4	14.52	13.59	15.43	21.0	Pass
Mode 6: Transmit by 802.11ac(80MHz)											
Channel No.	Frequency (MHz)	Measurement Power (dBm) (SISO)		Measurement Power (dBm) (MIMO)		Gain (dBi)	E.I.R.P Ant 1 (dBm)	E.I.R.P Ant 2 (dBm)	E.I.R.P (MIMO) (dBm)	Limit (dBm)	Result
		Ant1	Ant2	Ant 1	Ant 2						
CH42	5210	11.59	10.75	9.71	8.84	-4	7.59	6.75	8.31	21.0	Pass
Note: EIRP = Measurement Power + Highest Gain (Between 30 ° and 90 °)											

8. Peak Power Spectral Density

8.1. Test Equipment

Peak Power Spectral Density / 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.					

8.2. Test Setup



8.3. Limit

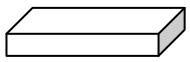
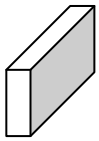
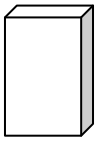
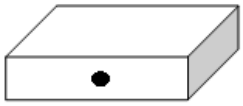
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☒	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞23dBi, then Pout≤17 - (G_{TX} - 23)
	☐	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☐	For the 5.25-5.35 GHz:	
	☐	the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☐	For the 5.47-5.725 GHz:	
	☐	the maximum power spectral density shall not exceed 11 dBm/MHz.If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz:	
	☒	the maximum power spectral density shall not exceed 30 dBm/500KHz. If G_{TX}＞6dBi, then Pout≤30 - (G_{TX} - 6)
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

8.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v01r04	F	Maximum Power Spectral Density (PSD)

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

8.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="5">Device Category</td><td>☒</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☒</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="14">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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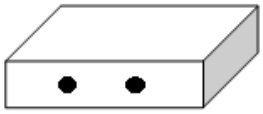
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
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8.6. Test Result

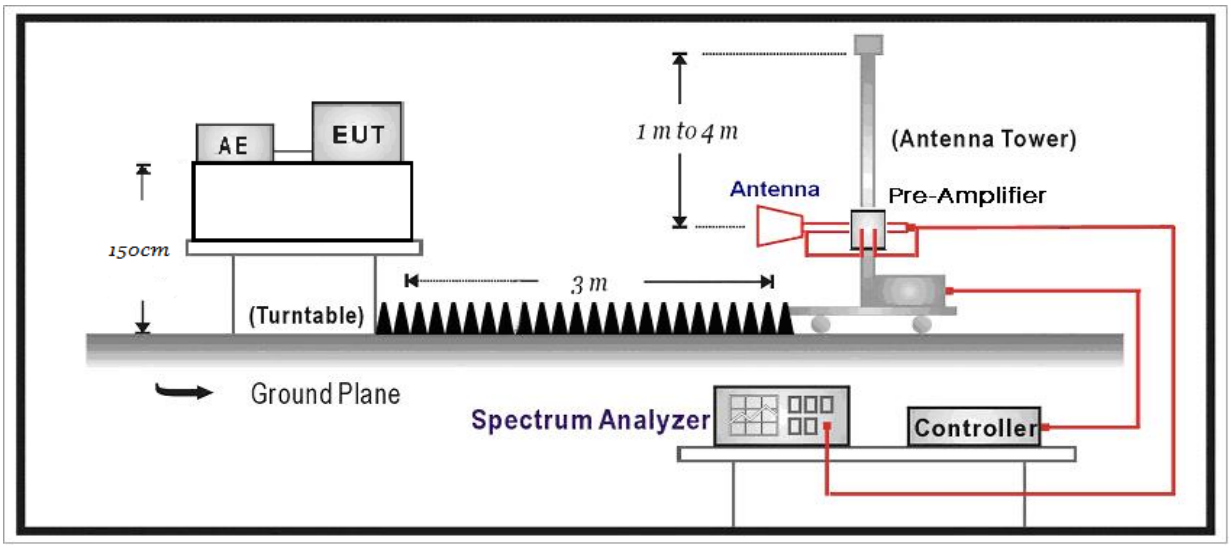
Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR8
Test Mode	:	Mode 1~6(with configuration)	Test Date	:	2017.05.21

9. Radiated Emission Band Edge

9.1. Test Equipment

Radiated Emission Band Edge / 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	2016.05.03	2017.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2016.07.12	2017.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2017.05.11	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	2017.01.04	2018.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

9.2. Test Setup



9.3. Limit

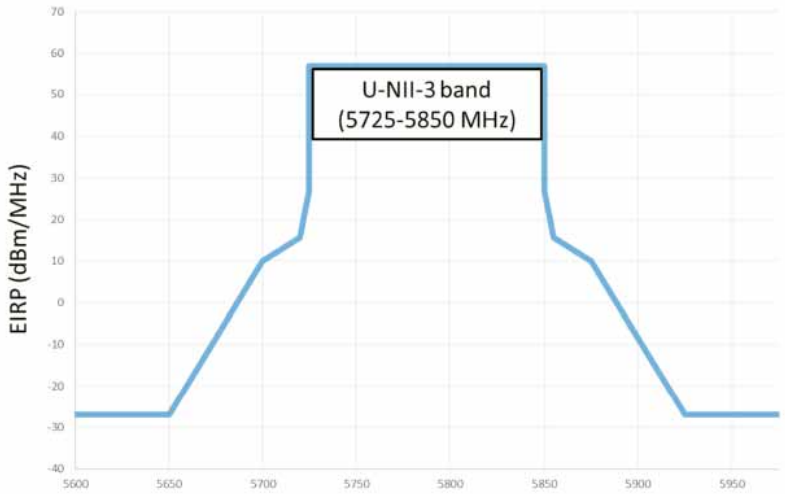
FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dBµV/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

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).

FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
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			

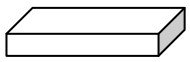
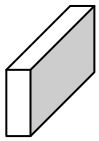
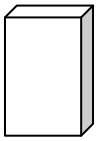
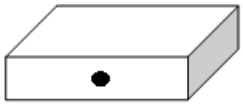
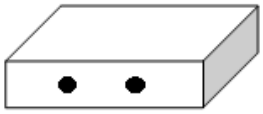
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

FCC 16-24-A1	
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5825	

9.4. Test Procedure

Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
		☐ ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
		☒ ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	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
☐	FCC KDB 789033 D02v01r03		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r03		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r03	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
		☐ FCC KDB 789033 D02v01r03	G.6.c	Method AD (Average detection)—primary method
		☐ FCC KDB 789033 D02v01r03	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

9.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="5">Device Category</td><td>☒</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☒</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</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>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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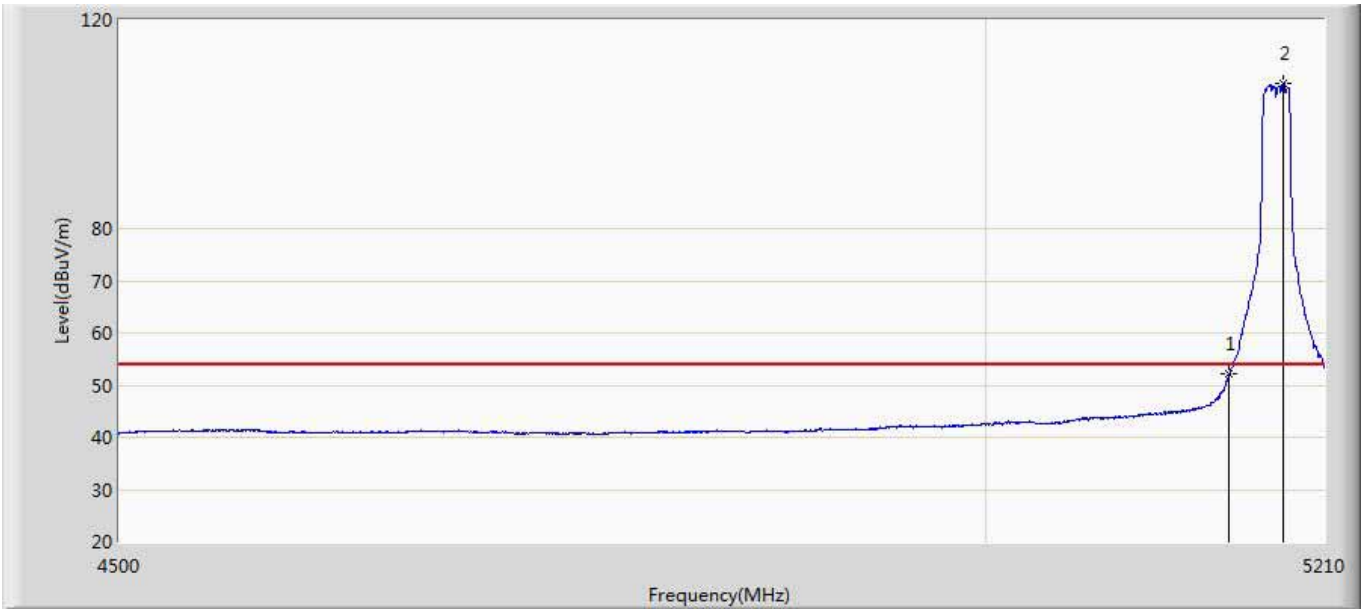
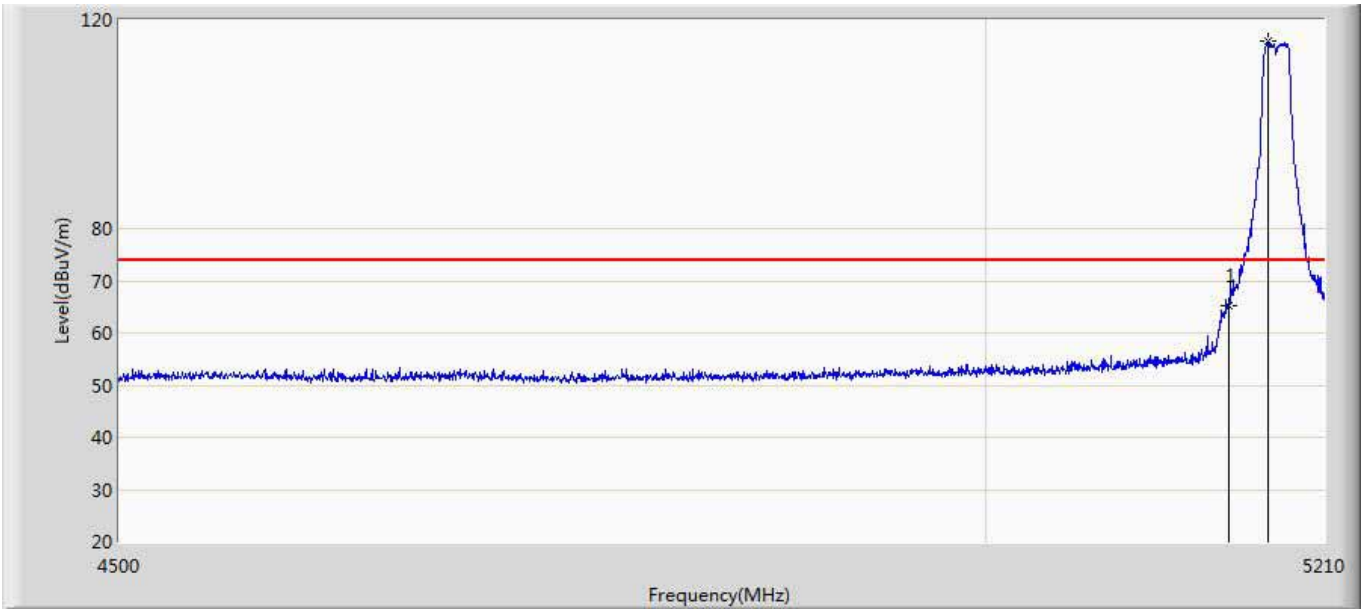
9.6. Test Result

Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 21:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by a Band 1 Ant0	



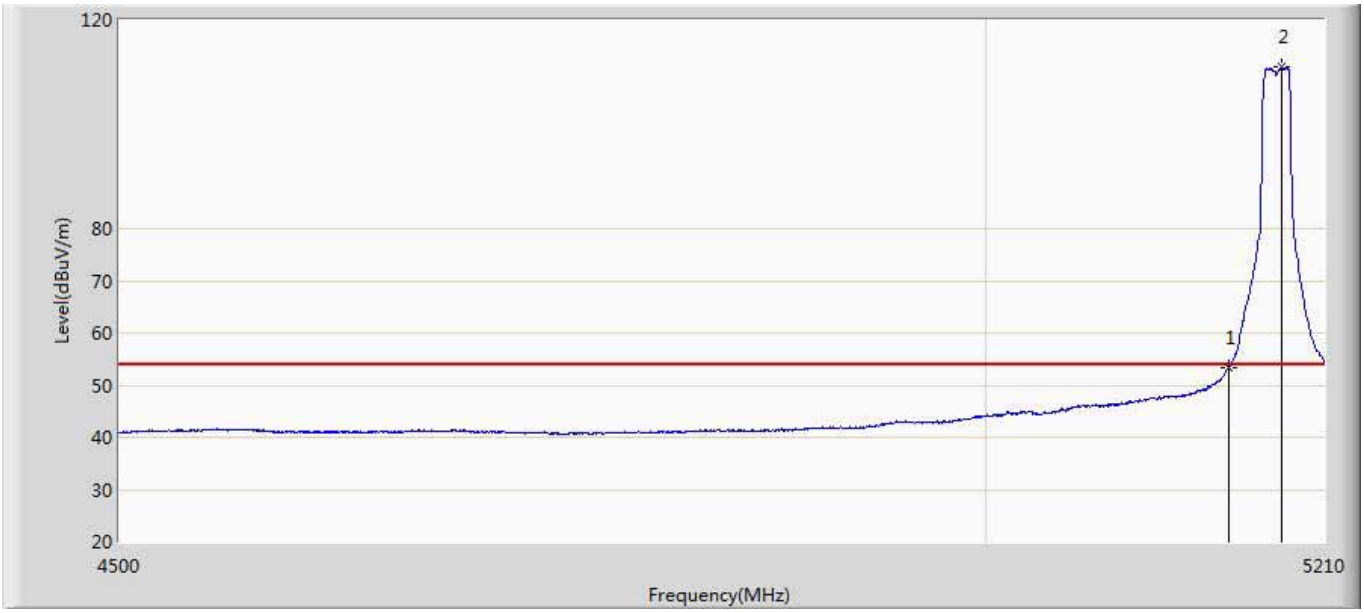
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.029	11.072	-1.971	54.000	40.957	AV
2	*	5184.440	107.820	66.718	53.820	54.000	41.101	AV

Profile: 1732120R	Page No.: 2
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 22:30
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 5180 by a Band 1 Ant0	



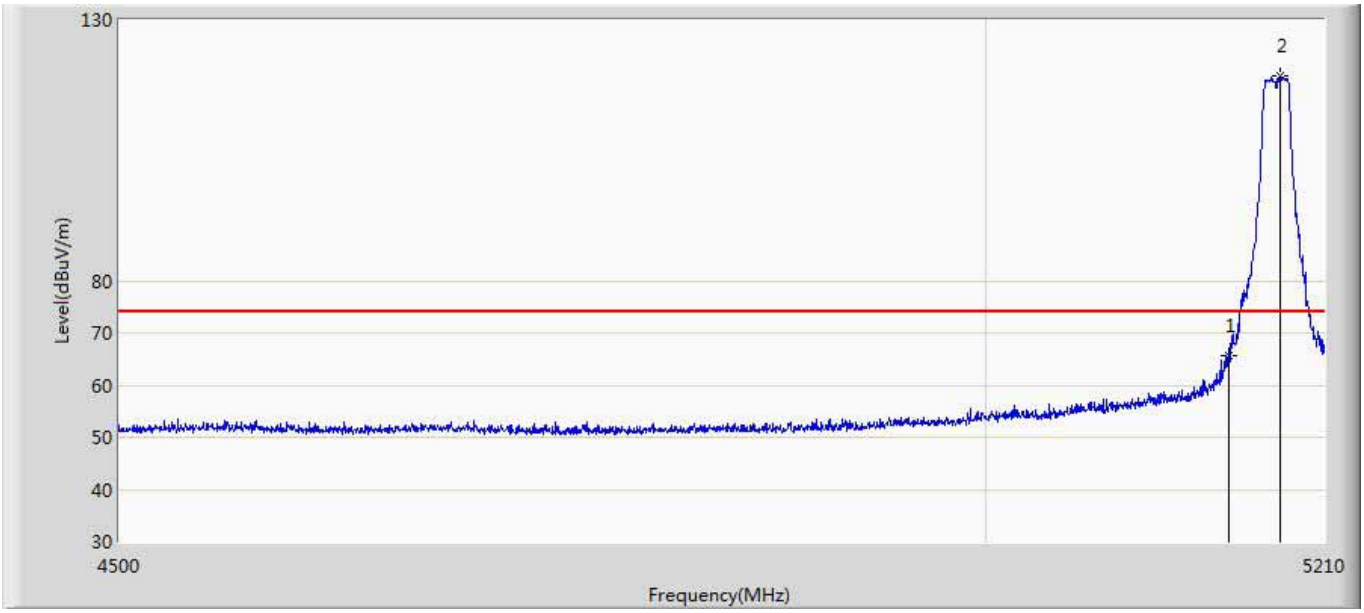
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.277	24.320	-8.723	74.000	40.957	PK
2	*	5174.855	115.960	74.844	41.960	74.000	41.117	PK

Profile: 1732120R	Page No.: 3
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 22:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by a Band 1 Ant0	



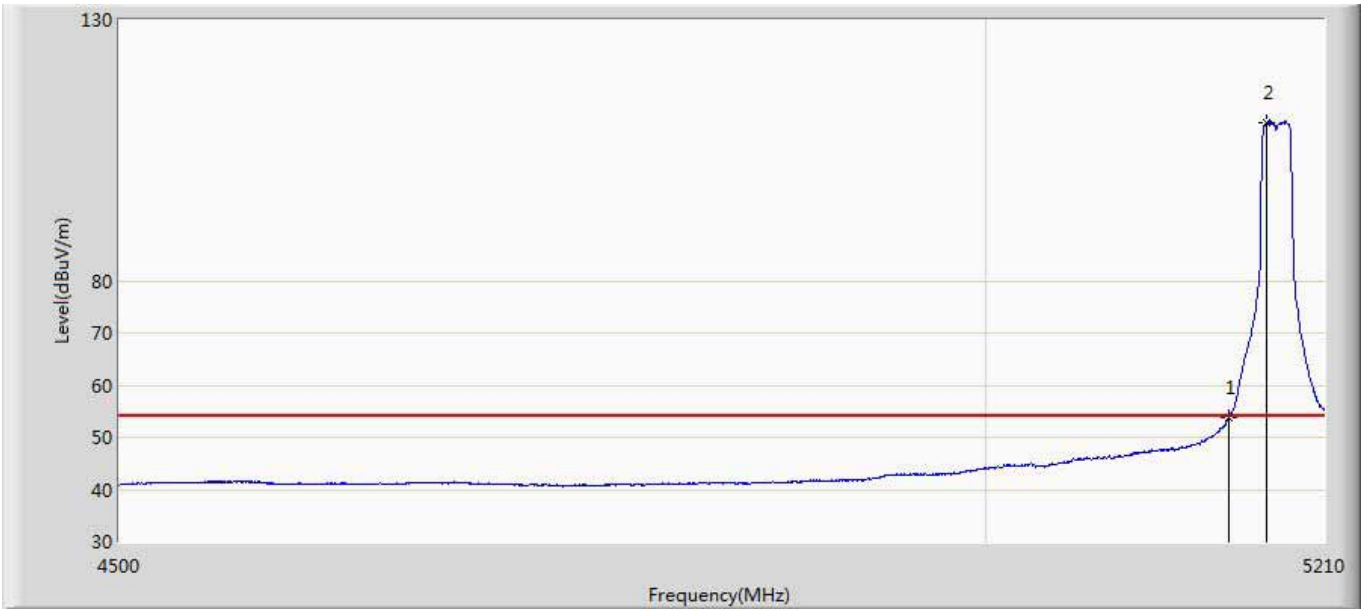
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.251	12.294	-0.749	54.000	40.957	AV
2	*	5183.730	110.894	69.804	56.894	54.000	41.090	AV

Profile: 1732120R	Page No.: 4
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 22:37
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 5180 by a Band 1 Ant0	



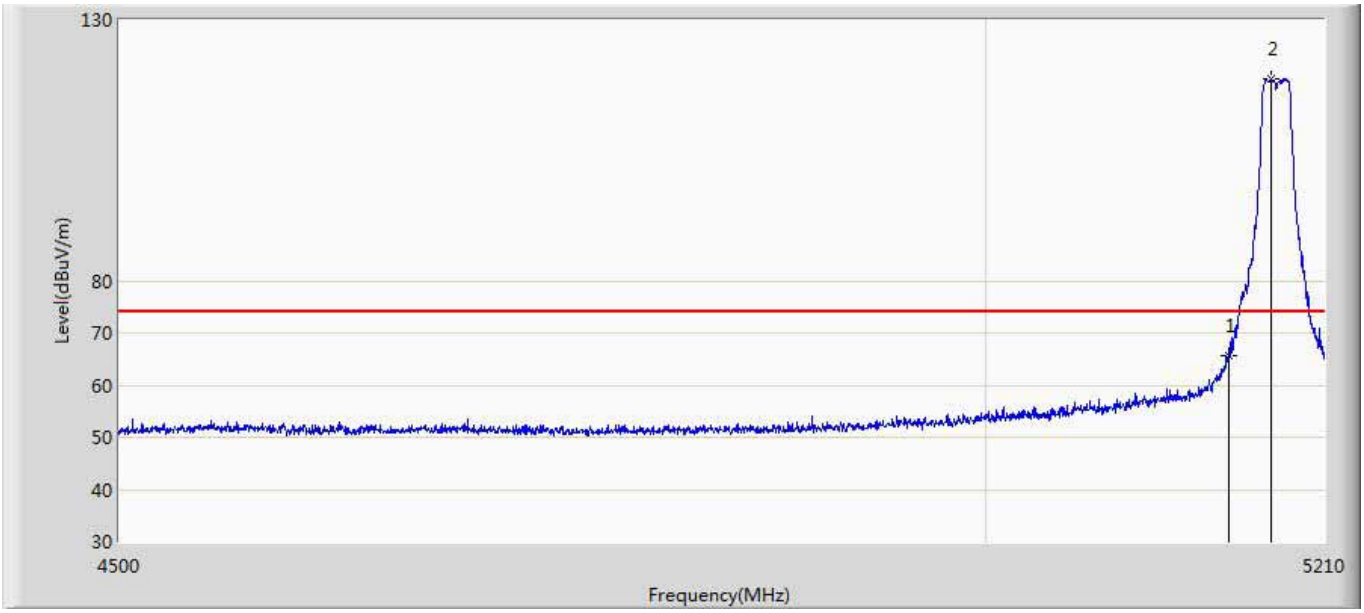
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.721	24.764	-8.279	74.000	40.957	PK
2	*	5181.955	119.334	78.273	45.334	74.000	41.061	PK

Profile: 1732120R	Page No.: 5
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by ac20 Band 1 Ant0	



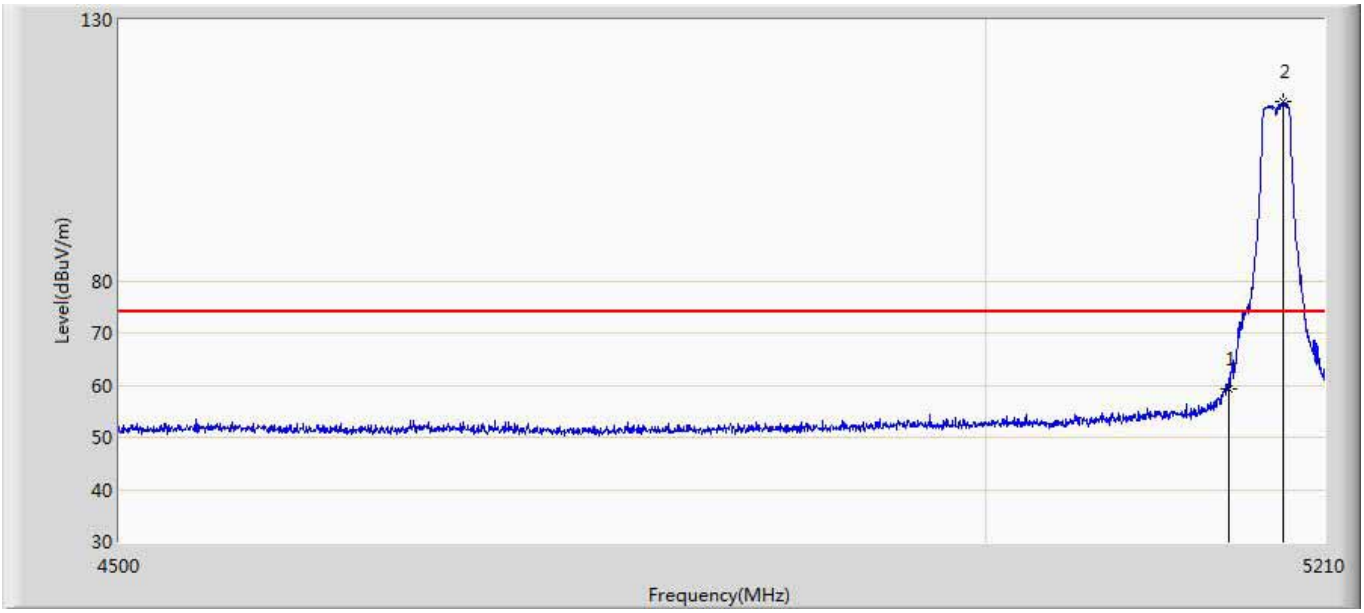
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.850	12.893	-0.150	54.000	40.957	AV
2	*	5174.145	110.306	69.184	56.306	54.000	41.122	AV

Profile: 1732120R	Page No.: 6
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 22:59
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 5180 by ac20 Band 1 Ant0	



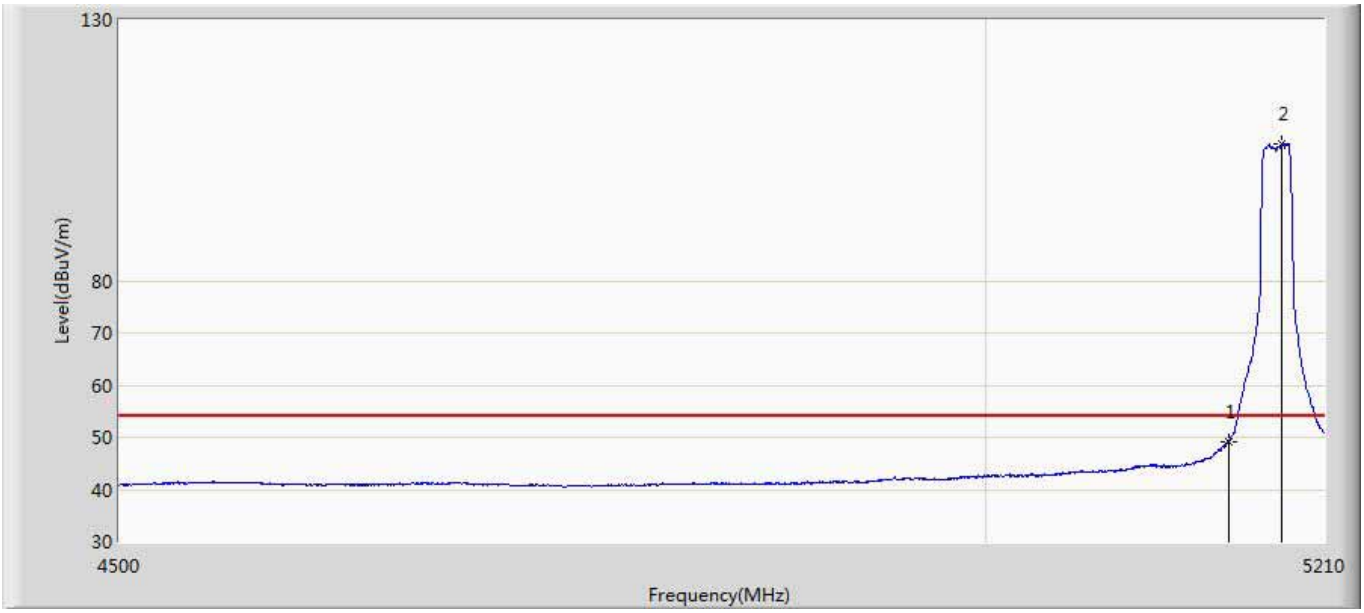
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.670	24.713	-8.330	74.000	40.957	PK
2	*	5176.275	118.826	77.721	44.826	74.000	41.105	PK

Profile: 1732120R	Page No.: 7
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by ac20 Band 1 Ant0	



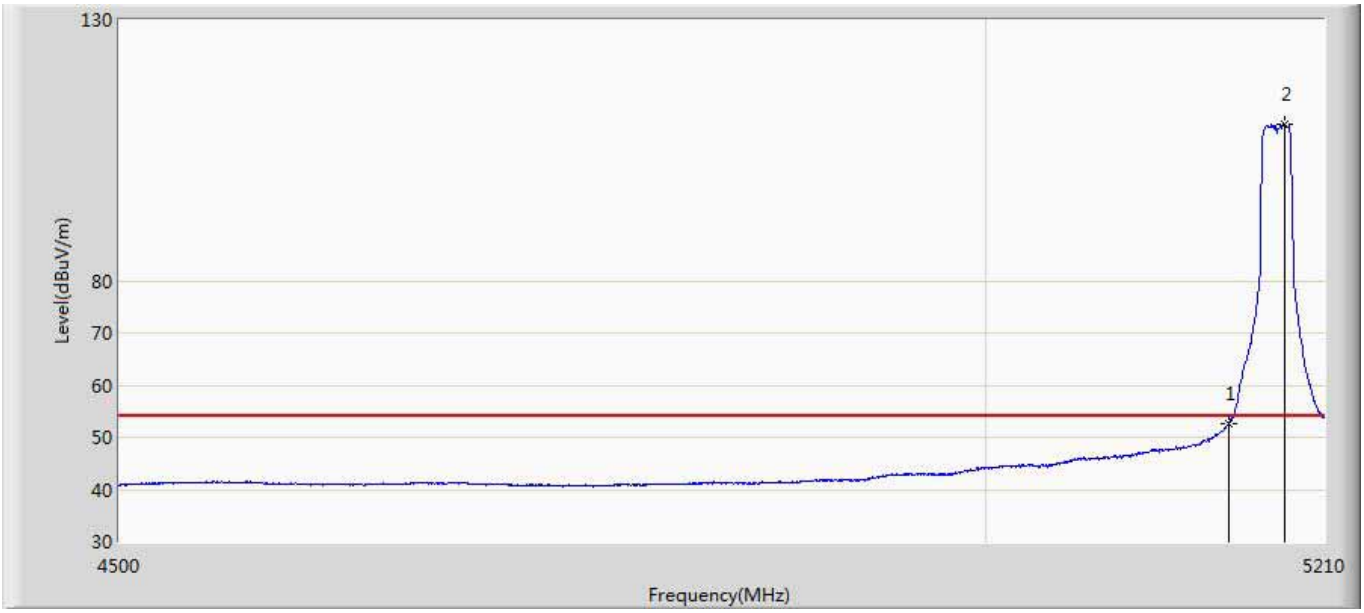
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.257	18.300	-14.743	74.000	40.957	PK
2	*	5184.440	114.337	73.235	40.337	74.000	41.101	PK

Profile: 1732120R	Page No.: 8
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:02
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 5180 by ac20 Band 1 Ant0	



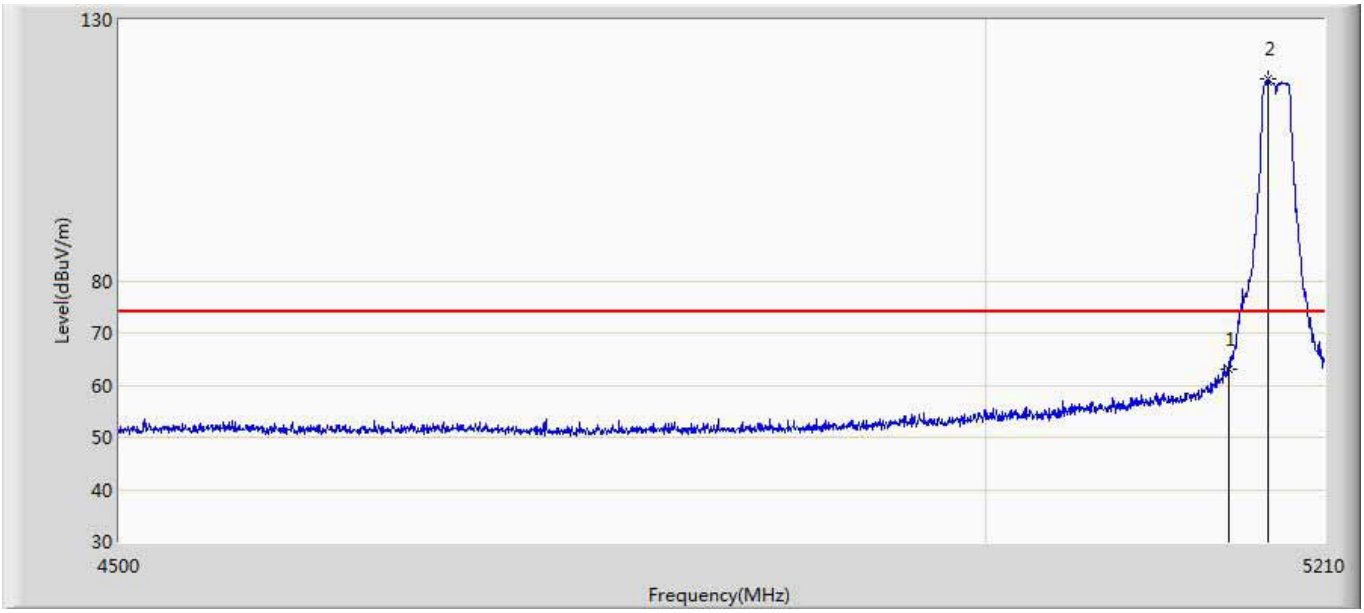
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.249	8.292	-4.751	54.000	40.957	AV
2	*	5183.730	106.254	65.164	52.254	54.000	41.090	AV

Profile: 1732120R	Page No.: 9
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180 by n20 Band 1 Ant0	



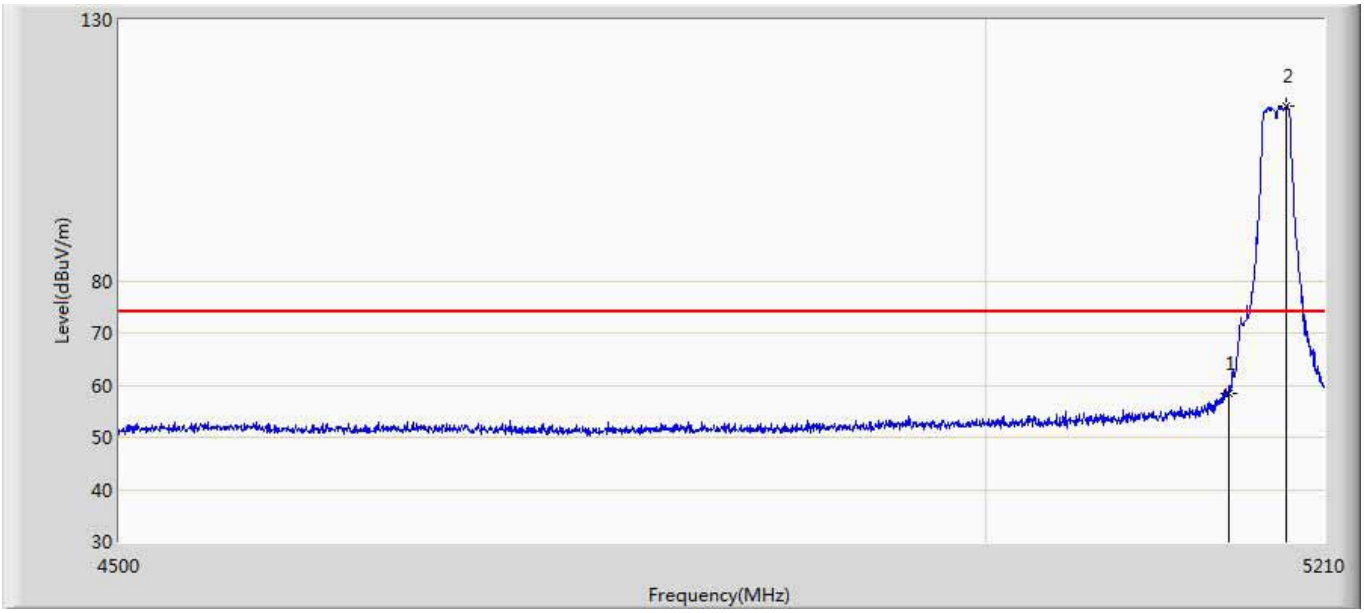
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.541	11.584	-1.459	54.000	40.957	AV
2	*	5184.795	109.993	68.885	55.993	54.000	41.108	AV

Profile: 1732120R	Page No.: 10
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180 by n20 Band 1 Ant0	



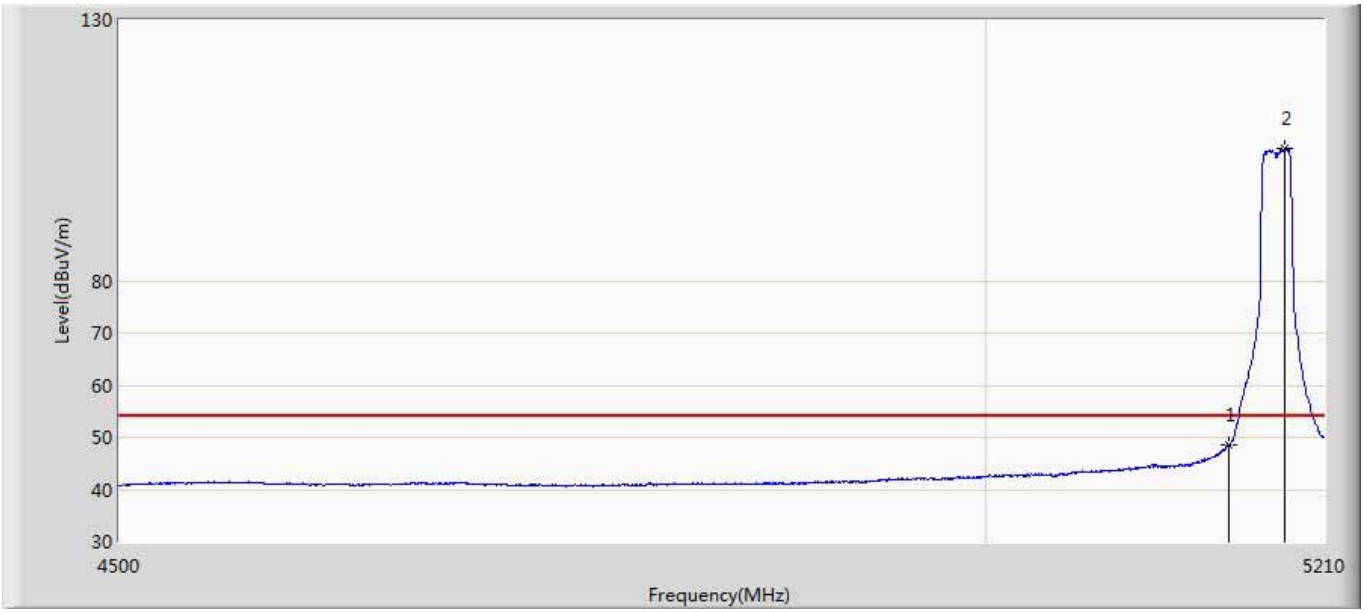
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.046	22.089	-10.954	74.000	40.957	PK
2	*	5174.855	118.638	77.522	44.638	74.000	41.117	PK

Profile: 1732120R	Page No.: 11
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180 by n20 Band 1 Ant0	



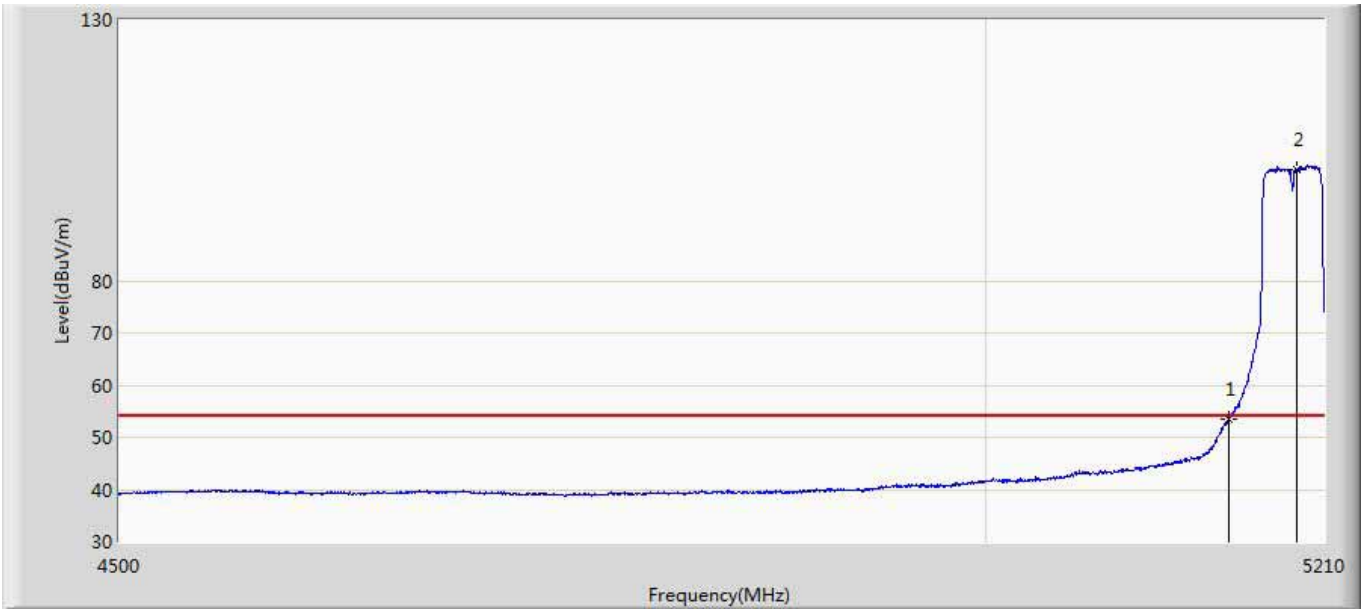
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.326	17.369	-15.674	74.000	40.957	PK
2	*	5185.860	113.402	72.277	39.402	74.000	41.125	PK

Profile: 1732120R	Page No.: 12
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180 by n20 Band 1 Ant0	



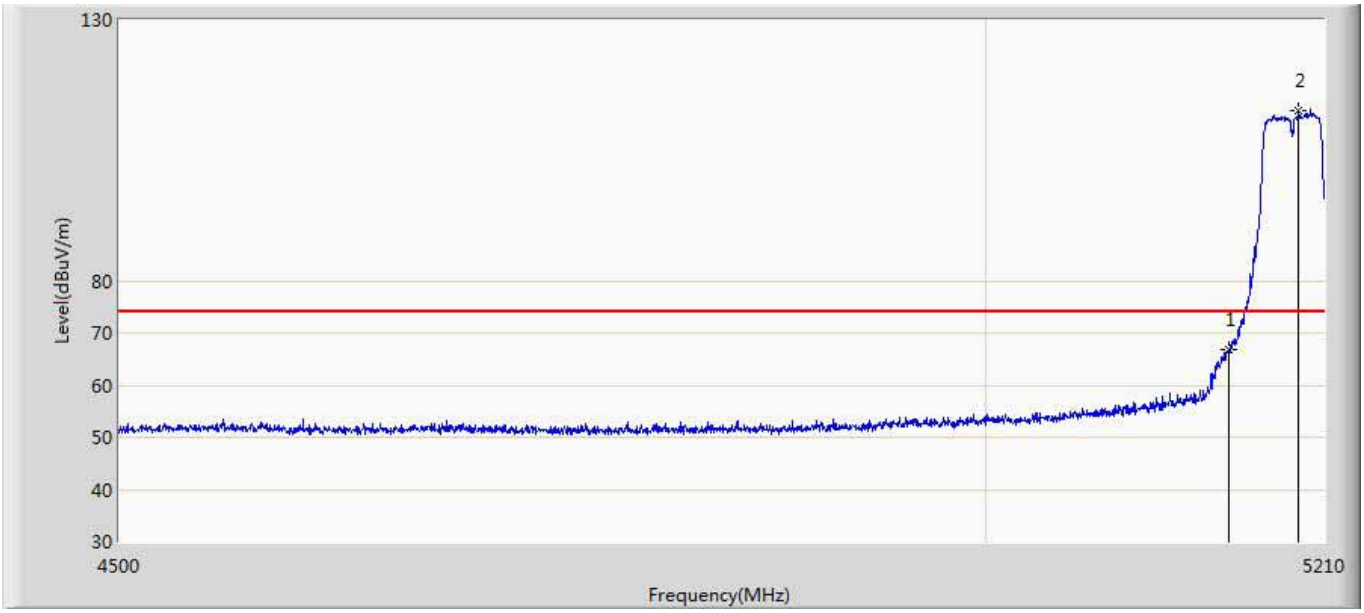
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.439	7.482	-5.561	54.000	40.957	AV
2	*	5184.795	105.344	64.236	51.344	54.000	41.108	AV

Profile: 1732120R	Page No.: 13
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190 by n40 Band 1 Ant0	



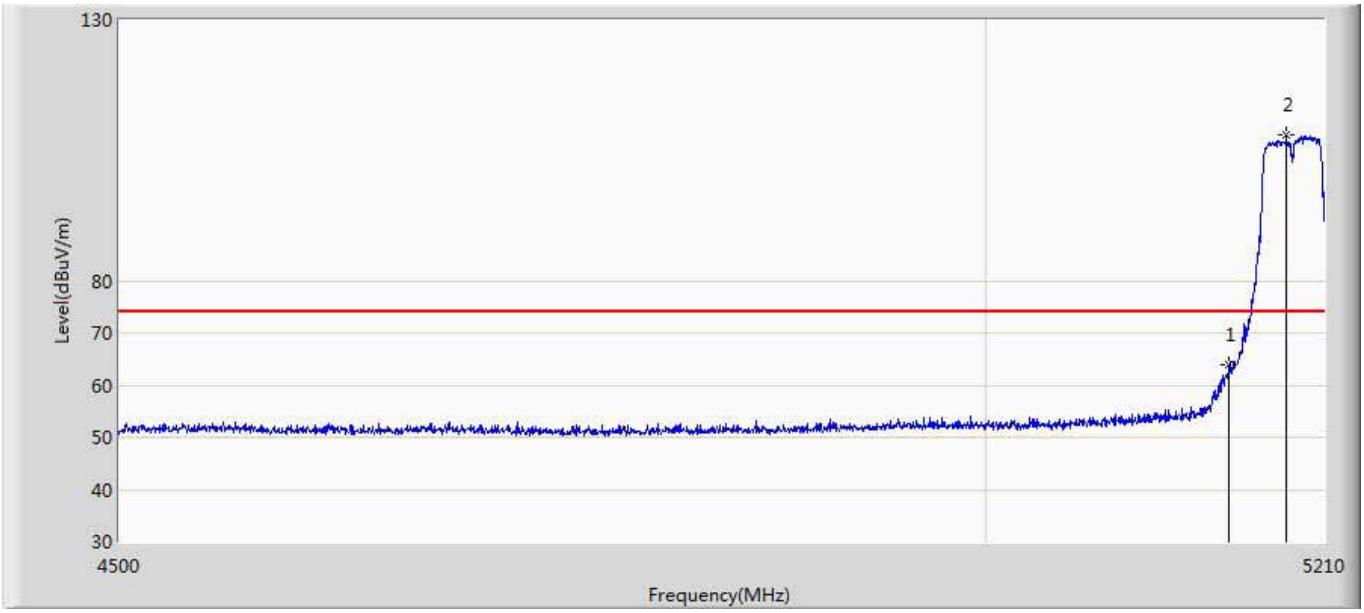
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.509	12.552	-0.491	54.000	40.957	AV
2	*	5192.960	101.388	60.145	47.388	54.000	41.243	AV

Profile: 1732120R	Page No.: 14
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:26
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 5190 by n40 Band 1 Ant0	



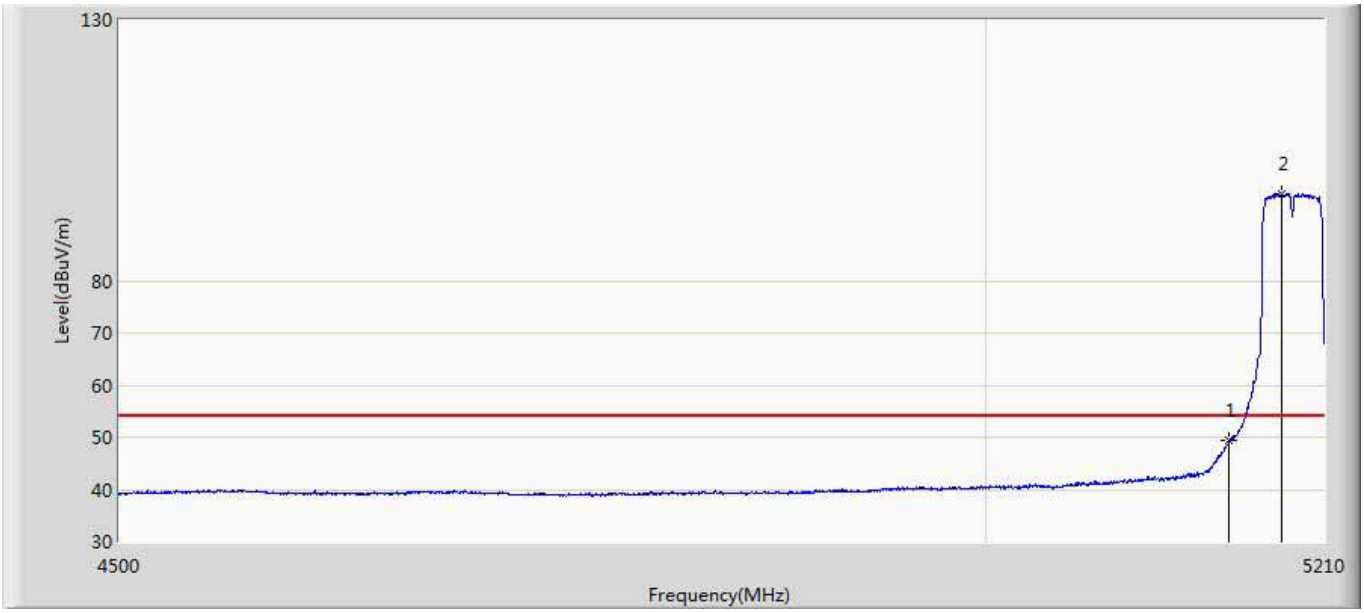
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.840	25.883	-7.160	74.000	40.957	PK
2	*	5194.025	112.581	71.320	38.581	74.000	41.261	PK

Profile: 1732120R	Page No.: 15
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190 by n40 Band 1 Ant0	



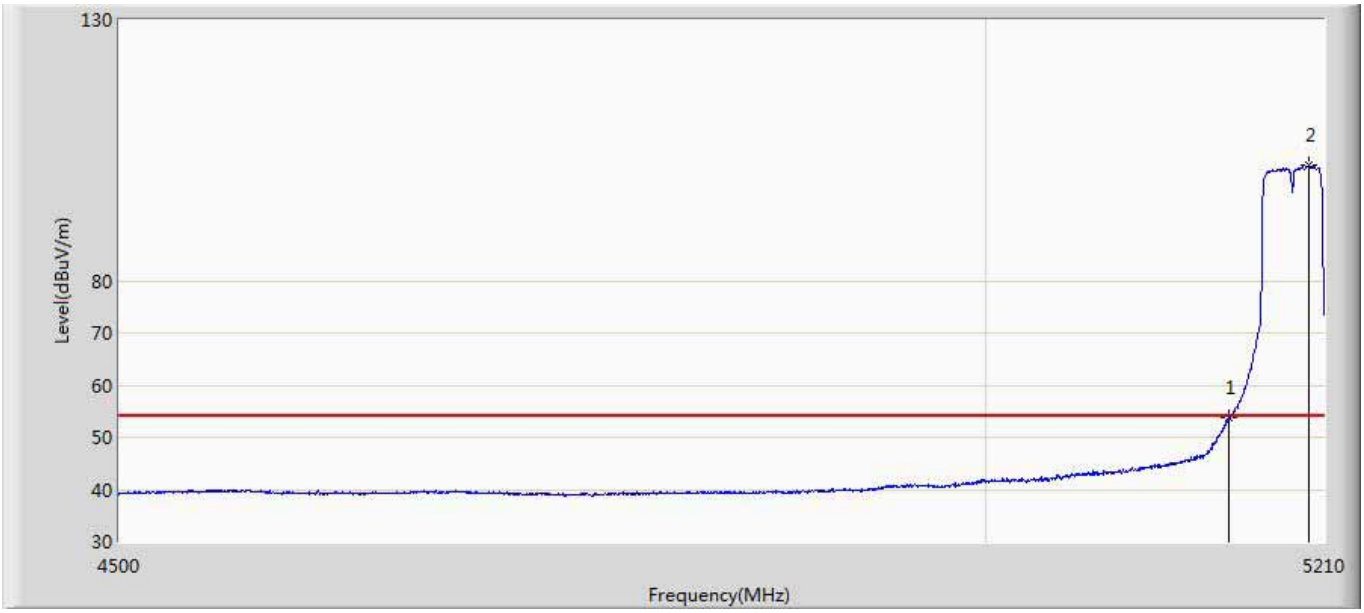
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.970	23.013	-10.030	74.000	40.957	PK
2	*	5186.215	108.111	66.980	34.111	74.000	41.131	PK

Profile: 1732120R	Page No.: 16
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190 by n40 Band 1 Ant0	



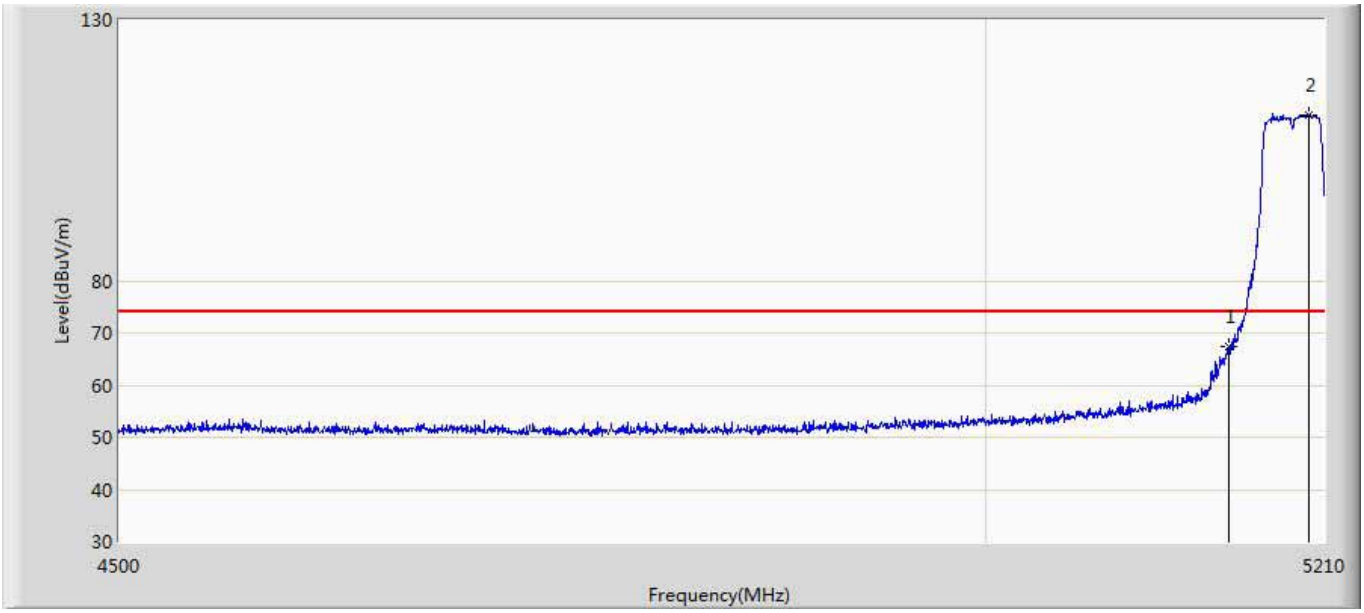
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.528	8.571	-4.472	54.000	40.957	AV
2	*	5183.375	96.722	55.638	42.722	54.000	41.084	AV

Profile: 1732120R	Page No.: 17
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190 by ac40 Band 1 Ant0	



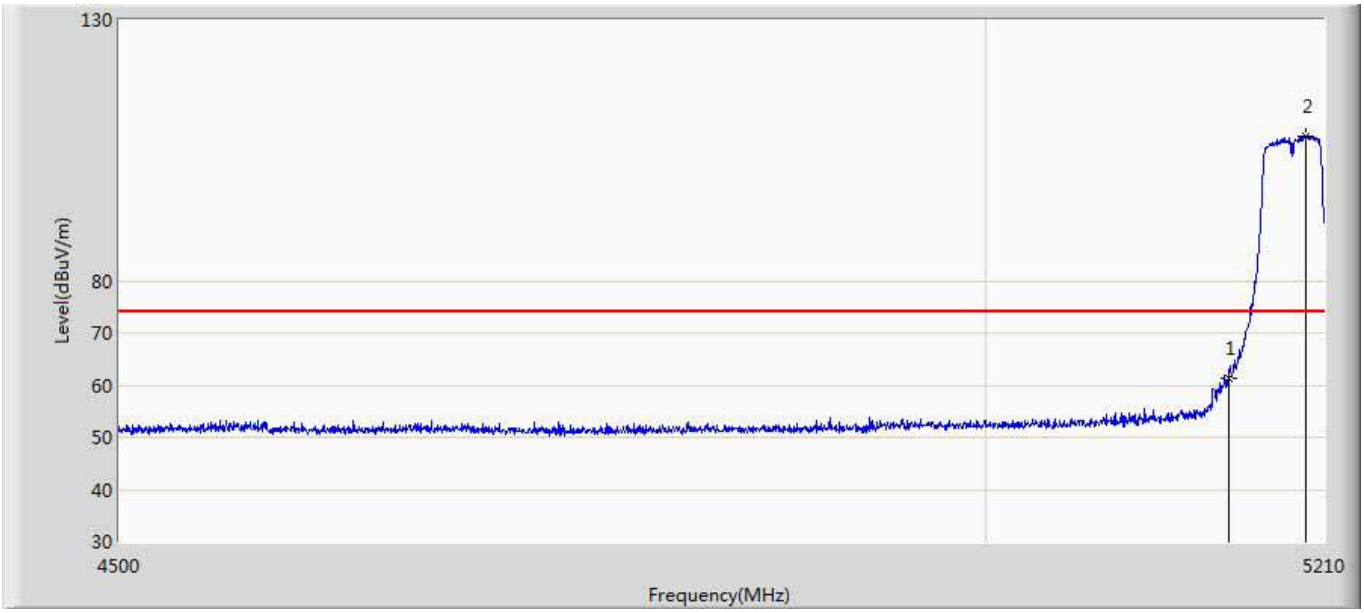
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.658	12.701	-0.342	54.000	40.957	AV
2	*	5200.060	102.058	60.724	48.058	54.000	41.334	AV

Profile: 1732120R	Page No.: 18
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:33
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 5190 by ac40 Band 1 Ant0	



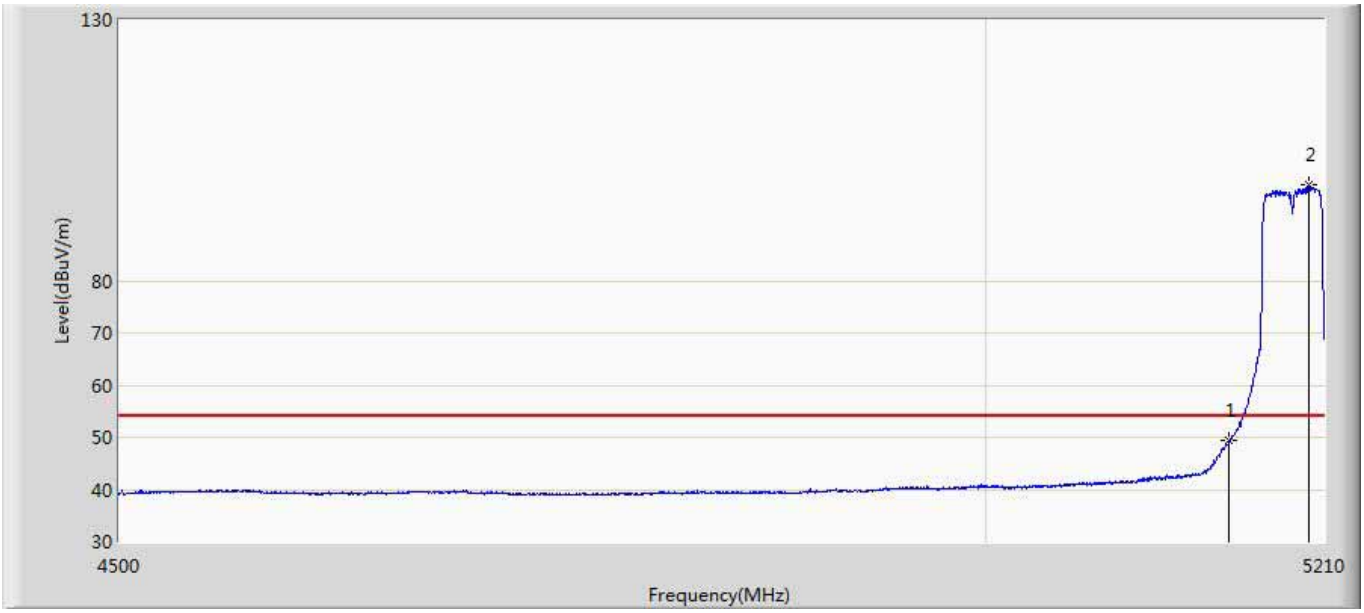
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.419	26.462	-6.581	74.000	40.957	PK
2	*	5200.060	111.849	70.515	37.849	74.000	41.334	PK

Profile: 1732120R	Page No.: 19
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:35
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 5190 by ac40 Band 1 Ant0	



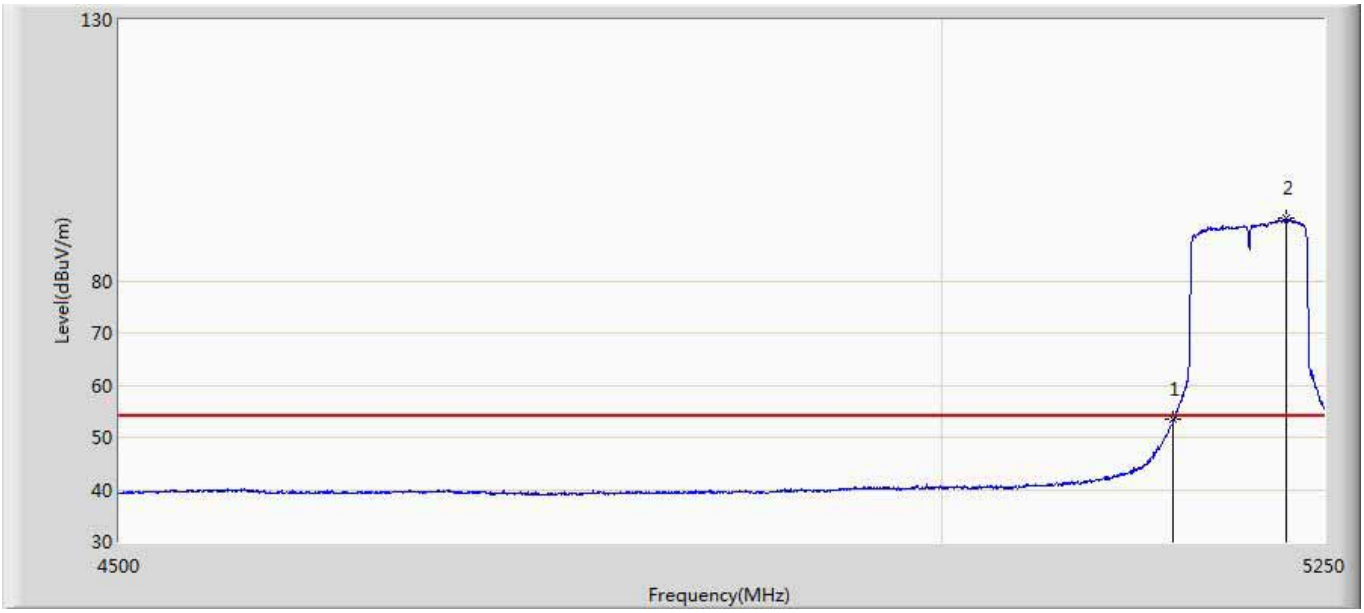
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.353	20.396	-12.647	74.000	40.957	PK
2	*	5198.995	107.809	66.465	33.809	74.000	41.344	PK

Profile: 1732120R	Page No.: 20
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190 by ac40 Band 1 Ant0	



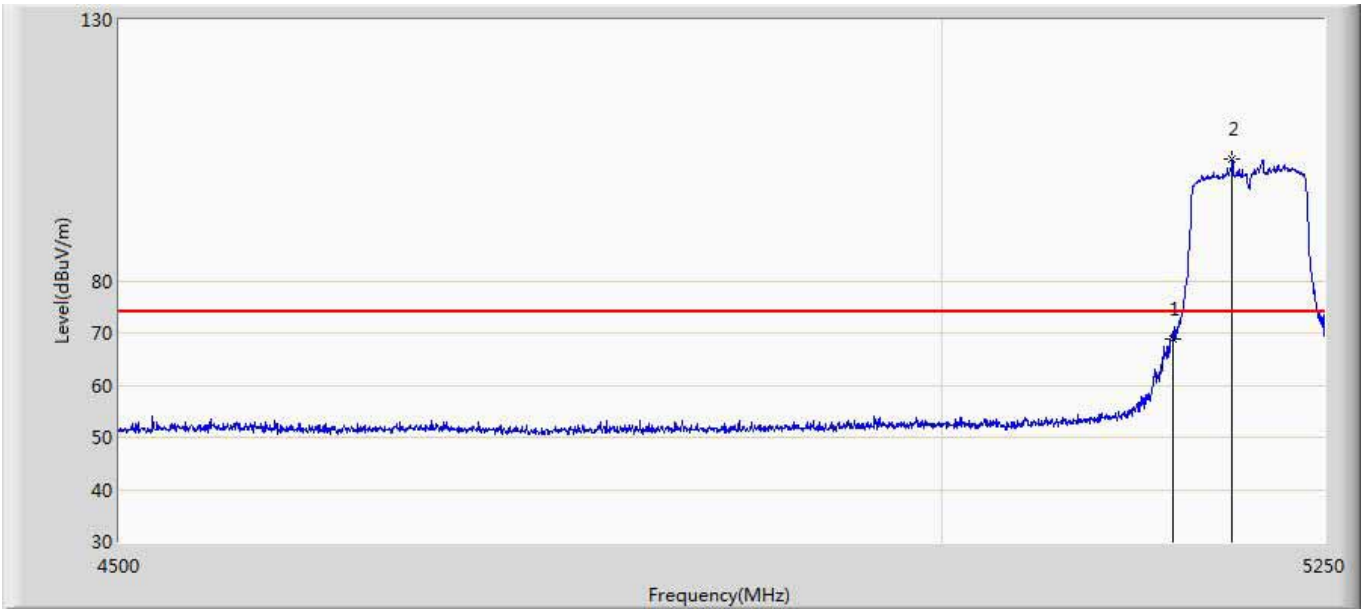
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.305	8.348	-4.695	54.000	40.957	AV
2	*	5200.770	98.294	56.966	44.294	54.000	41.328	AV

Profile: 1732120R	Page No.: 21
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210 by ac80 Band 1 Ant0	



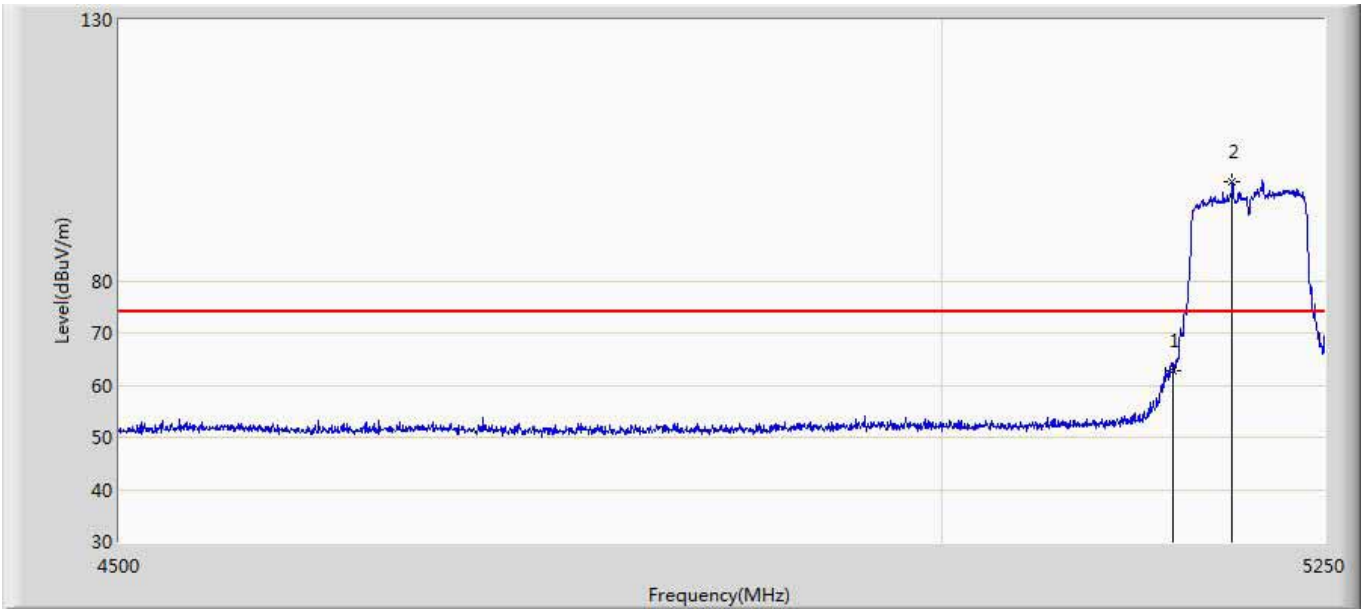
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.398	12.441	-0.602	54.000	40.957	AV
2	*	5224.500	91.989	50.749	37.989	54.000	41.239	AV

Profile: 1732120R	Page No.: 22
Engineer: Rony	
Site: AC5	Time: 2017/05/15 - 23:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210 by ac80 Band 1 Ant0	



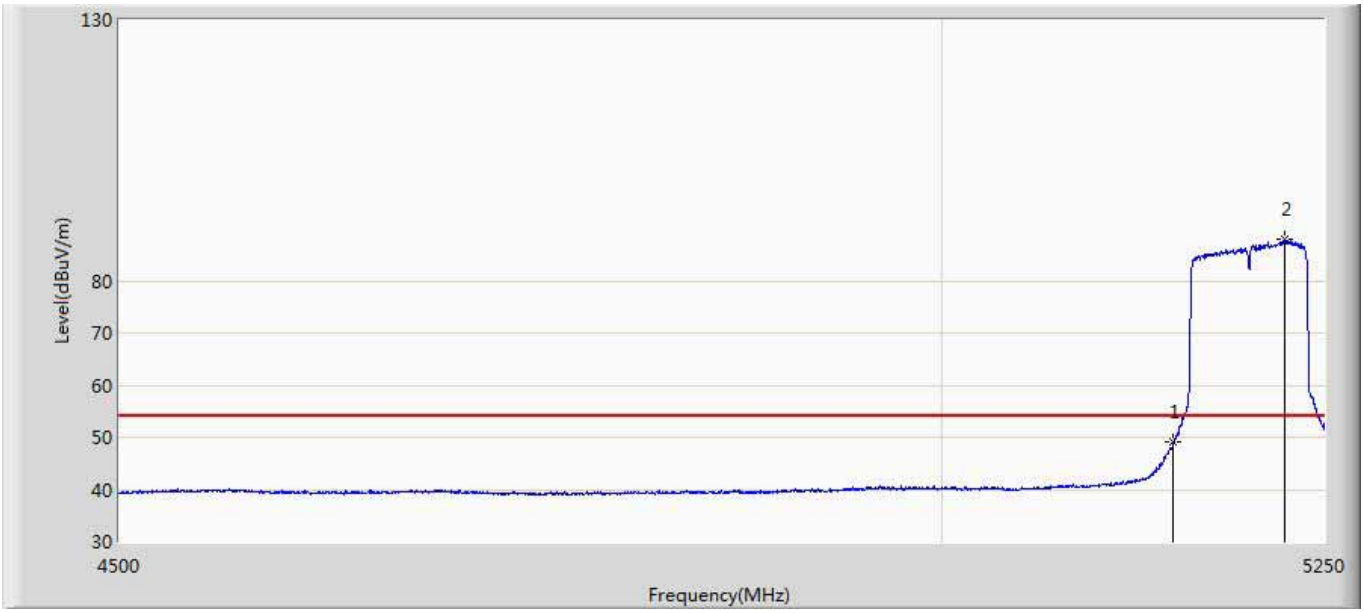
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.722	27.765	-5.278	74.000	40.957	PK
2	*	5188.875	103.476	62.301	29.476	74.000	41.176	PK

Profile: 1732120R	Page No.: 23
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:00
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 5210 by ac80 Band 1 Ant0	



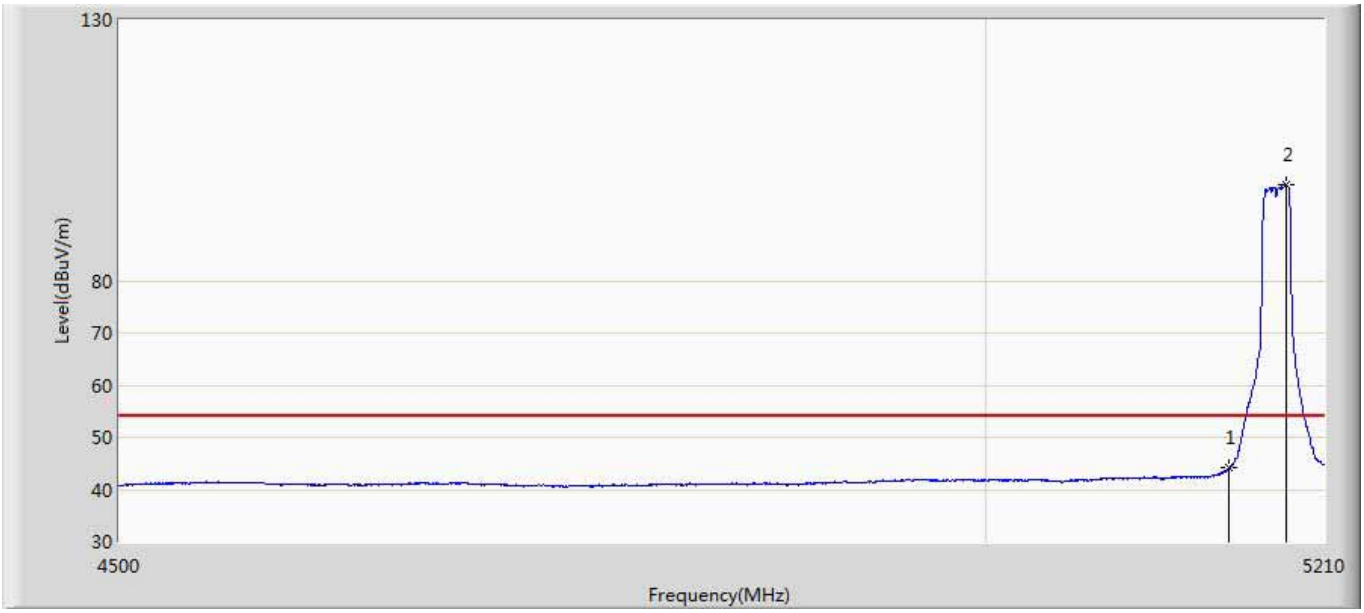
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.638	21.681	-11.362	74.000	40.957	PK
2	*	5188.875	98.966	57.791	24.966	74.000	41.176	PK

Profile: 1732120R	Page No.: 24
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210 by ac80 Band 1 Ant0	



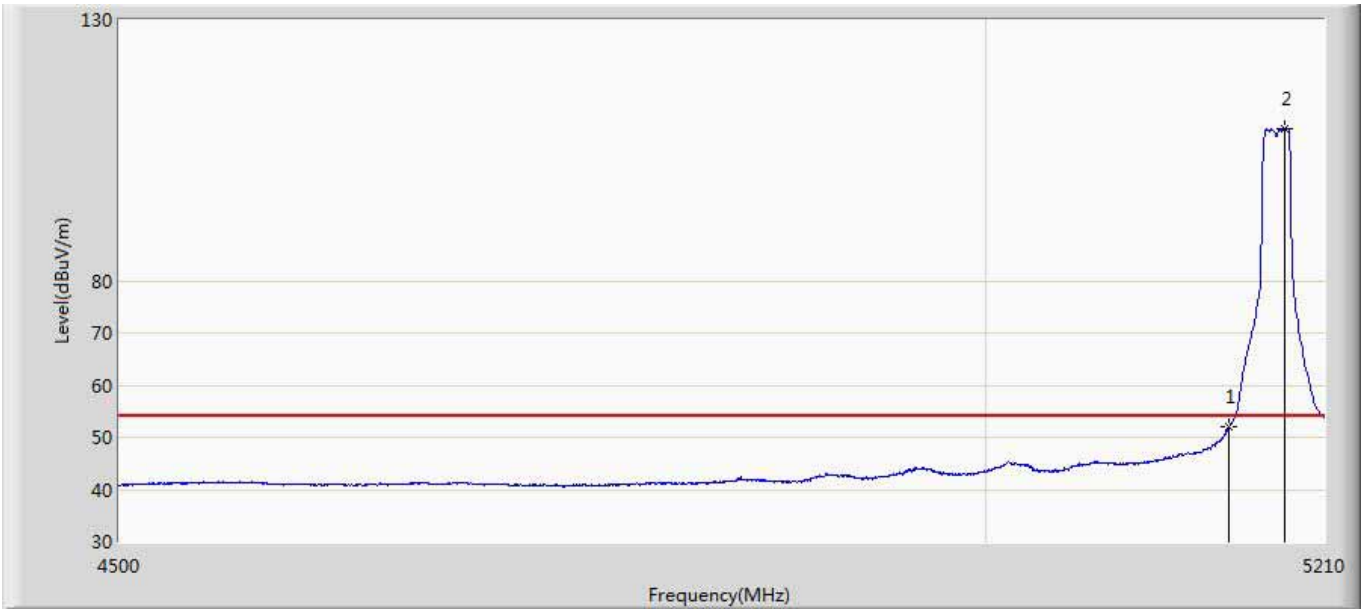
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.138	8.181	-4.862	54.000	40.957	AV
2	*	5223.750	87.854	46.619	33.854	54.000	41.236	AV

Profile: 1732120R	Page No.: 25
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:07
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 5180 by a Band 1 Ant1	



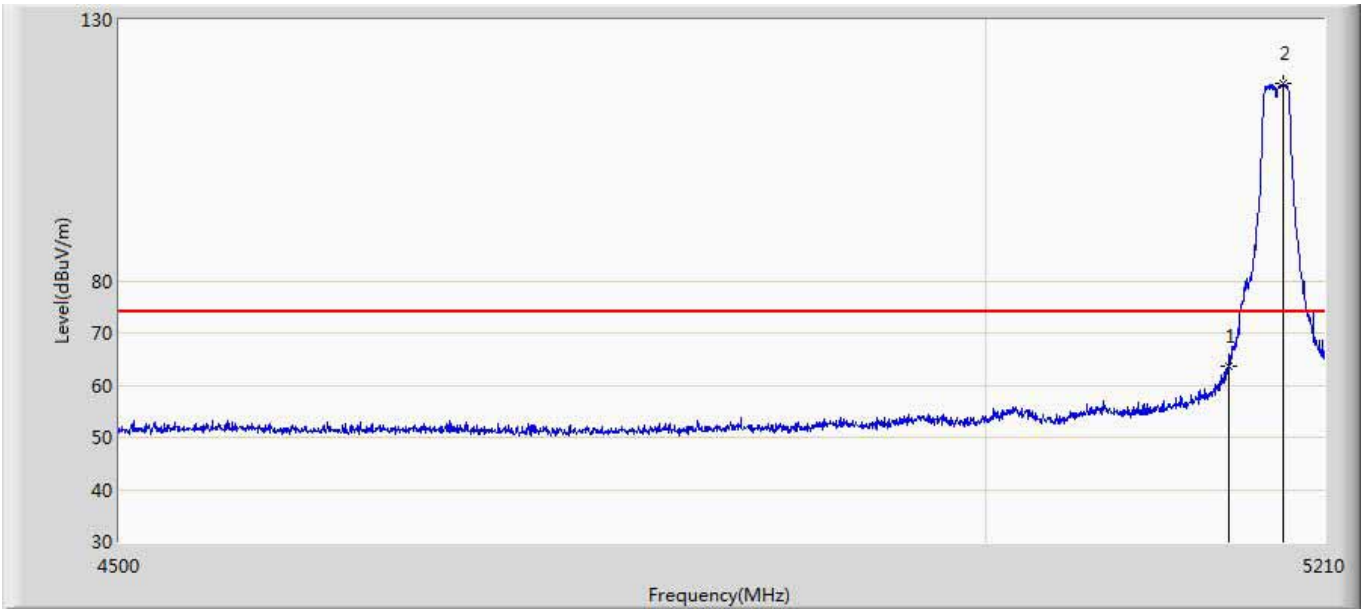
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.149	3.192	-9.851	54.000	40.957	AV
2	*	5185.860	98.463	57.338	44.463	54.000	41.125	AV

Profile: 1732120R	Page No.: 26
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5180 by a Band 1 Ant1	



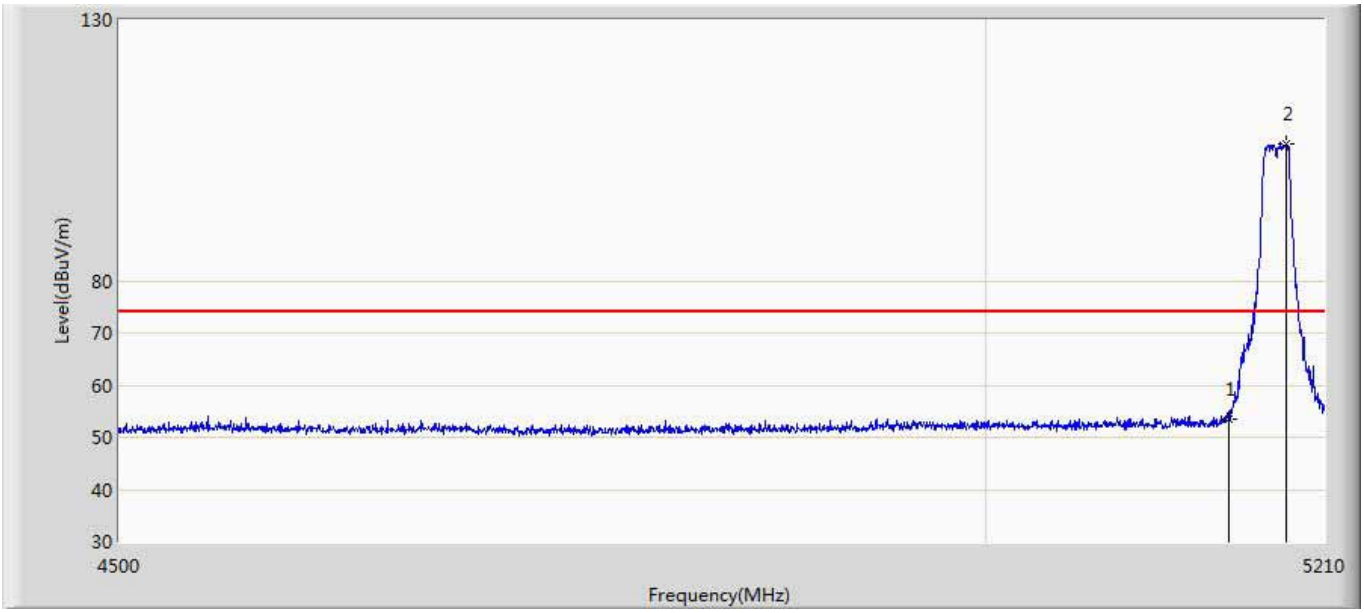
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.976	11.019	-2.024	54.000	40.957	AV
2	*	5184.795	109.092	67.984	55.092	54.000	41.108	AV

Profile: 1732120R	Page No.: 27
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5180 by a Band 1 Ant1	



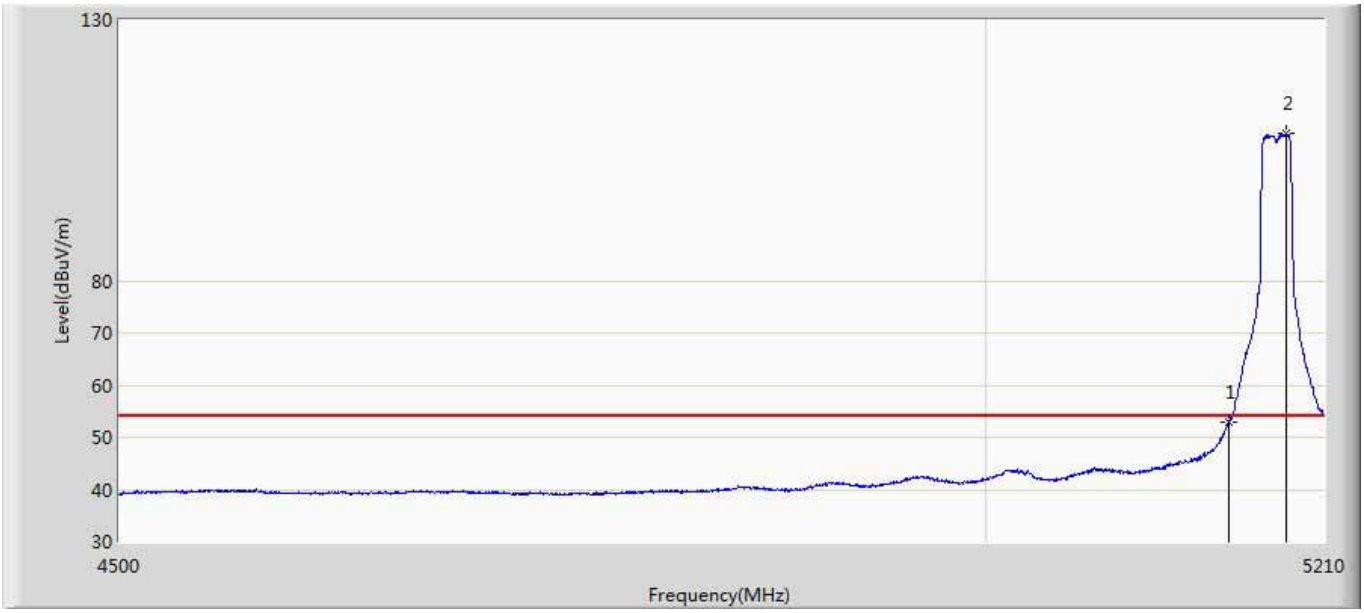
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.631	22.674	-10.369	74.000	40.957	PK
2	*	5184.085	117.789	76.693	43.789	74.000	41.096	PK

Profile: 1732120R	Page No.: 28
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5180 by a Band 1 Ant1	



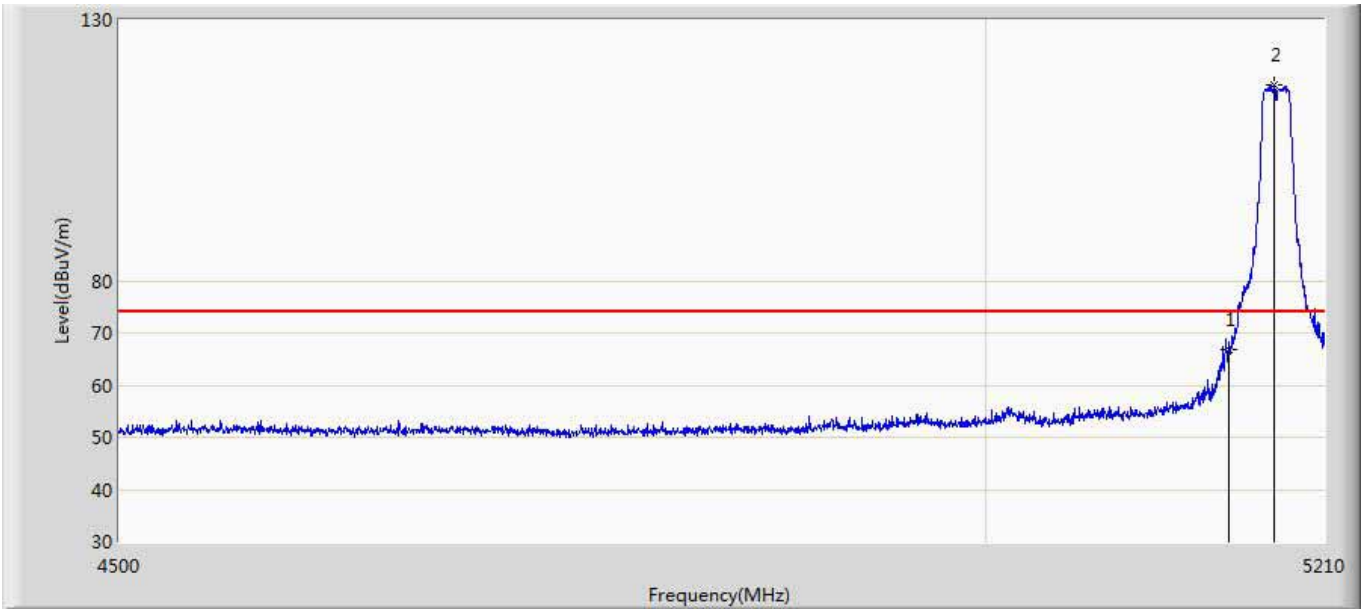
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.421	12.464	-20.579	74.000	40.957	PK
2	*	5185.860	106.201	65.076	32.201	74.000	41.125	PK

Profile: 1732120R	Page No.: 29
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:15
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 5180 by n20 Band 1 Ant1	



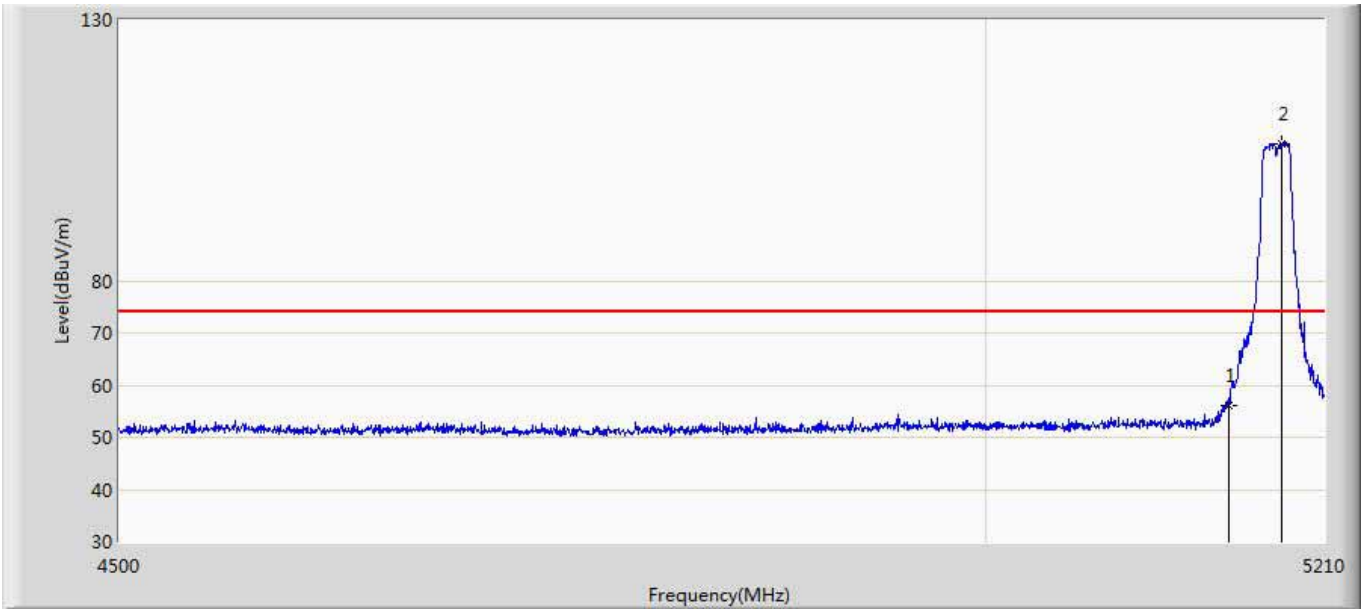
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.927	11.970	-1.073	54.000	40.957	AV
2	*	5186.570	108.229	67.092	54.229	54.000	41.138	AV

Profile: 1732120R	Page No.: 30
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180 by n20 Band 1 Ant1	



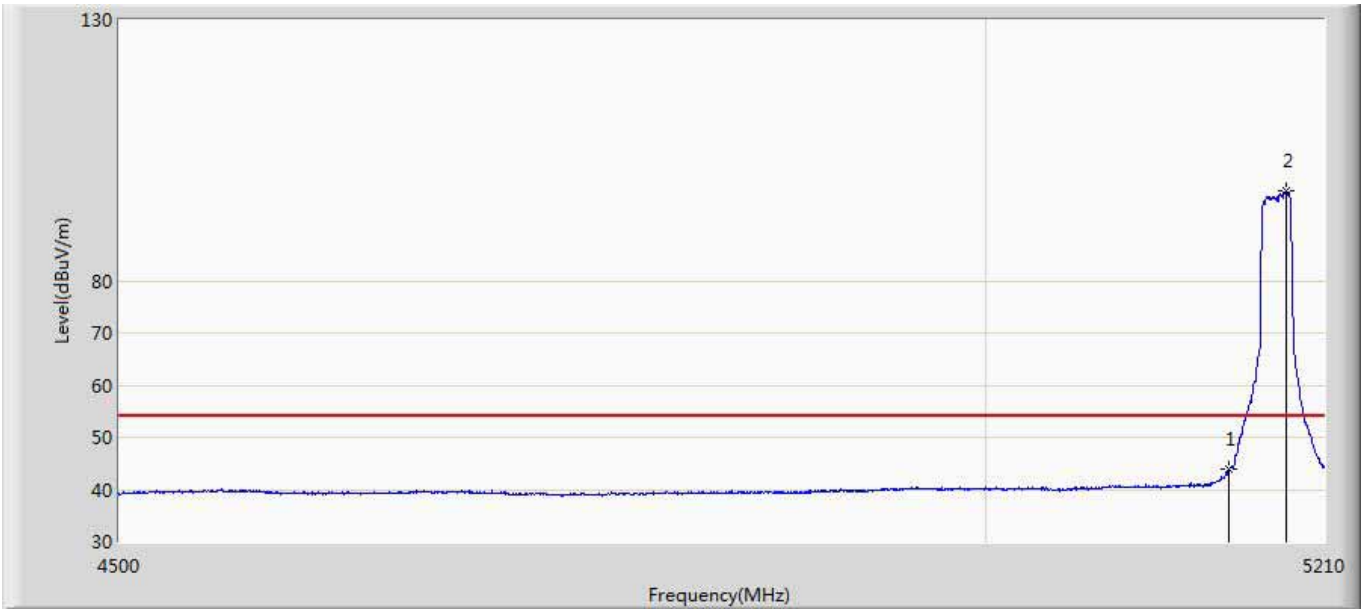
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.747	25.790	-7.253	74.000	40.957	PK
2	*	5178.760	117.627	76.541	43.627	74.000	41.086	PK

Profile: 1732120R	Page No.: 31
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180 by n20 Band 1 Ant1	



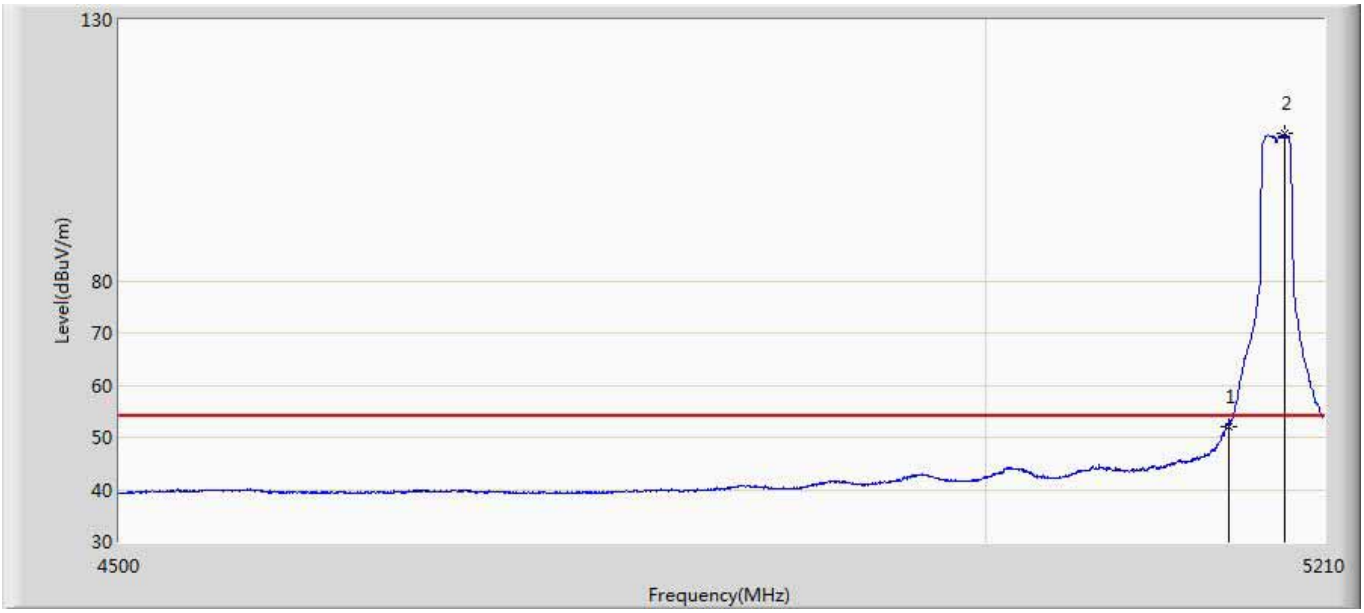
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.120	15.163	-17.880	74.000	40.957	PK
2	*	5183.020	106.336	65.258	32.336	74.000	41.078	PK

Profile: 1732120R	Page No.: 32
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180 by n20 Band 1 Ant1	



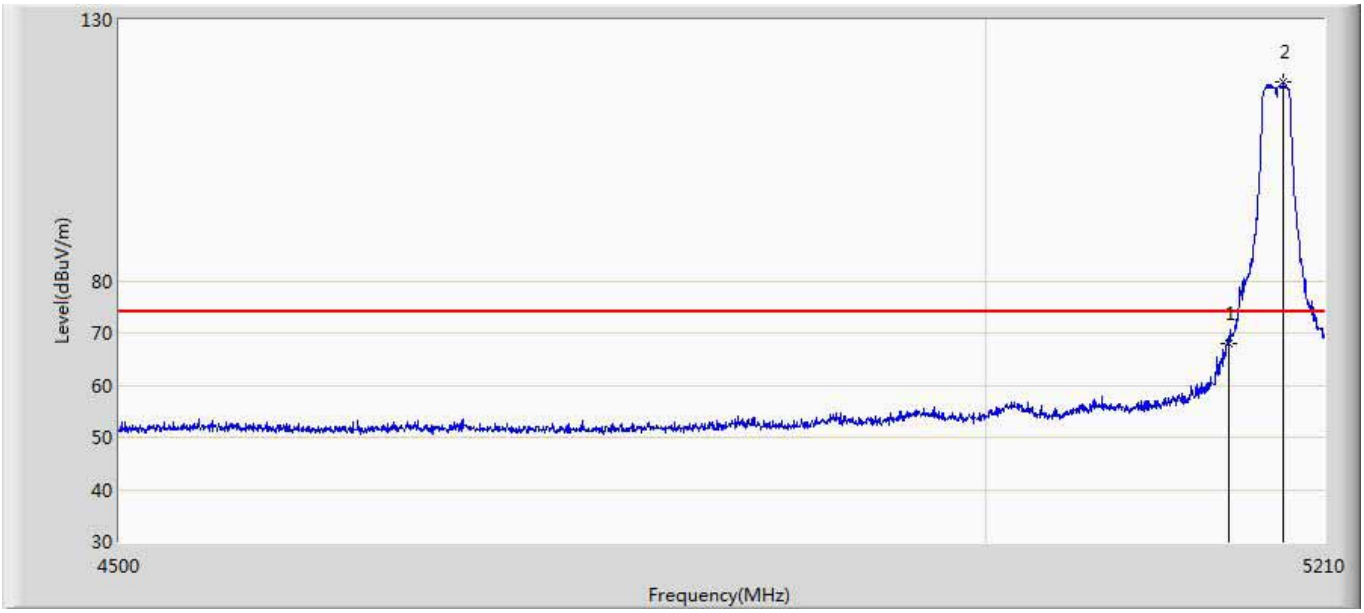
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	43.870	2.913	-10.130	54.000	40.957	AV
2	*	5186.215	97.264	56.133	43.264	54.000	41.131	AV

Profile: 1732120R	Page No.: 33
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5180 by ac20 Band 1 Ant1	



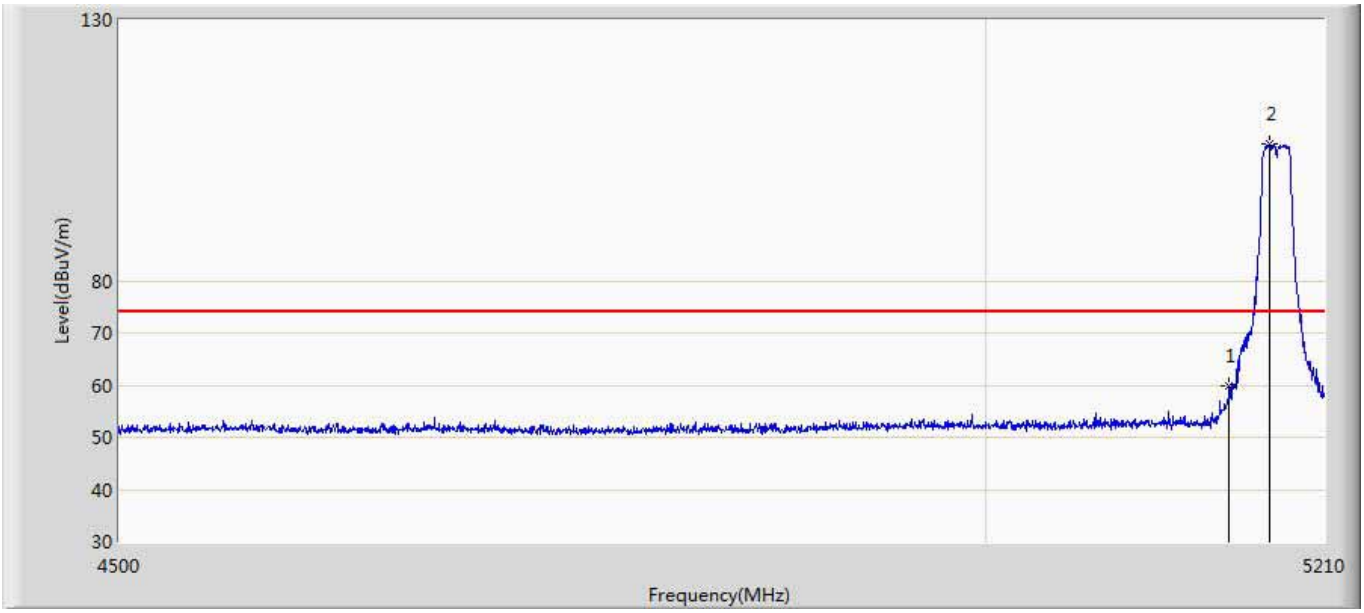
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.075	11.118	-1.925	54.000	40.957	AV
2	*	5185.505	108.343	67.224	54.343	54.000	41.120	AV

Profile: 1732120R	Page No.: 34
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:36
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 5180 by ac20 Band 1 Ant1	



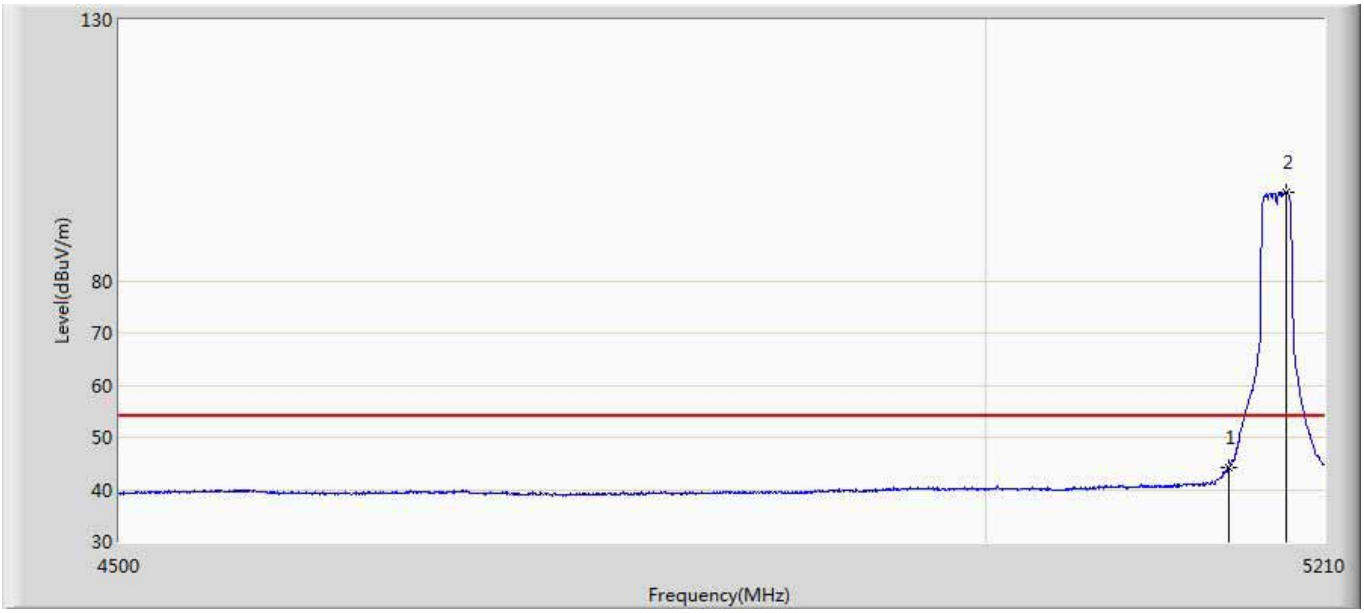
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.004	27.047	-5.996	74.000	40.957	PK
2	*	5184.440	118.048	76.946	44.048	74.000	41.101	PK

Profile: 1732120R	Page No.: 35
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5180 by ac20 Band 1 Ant1	



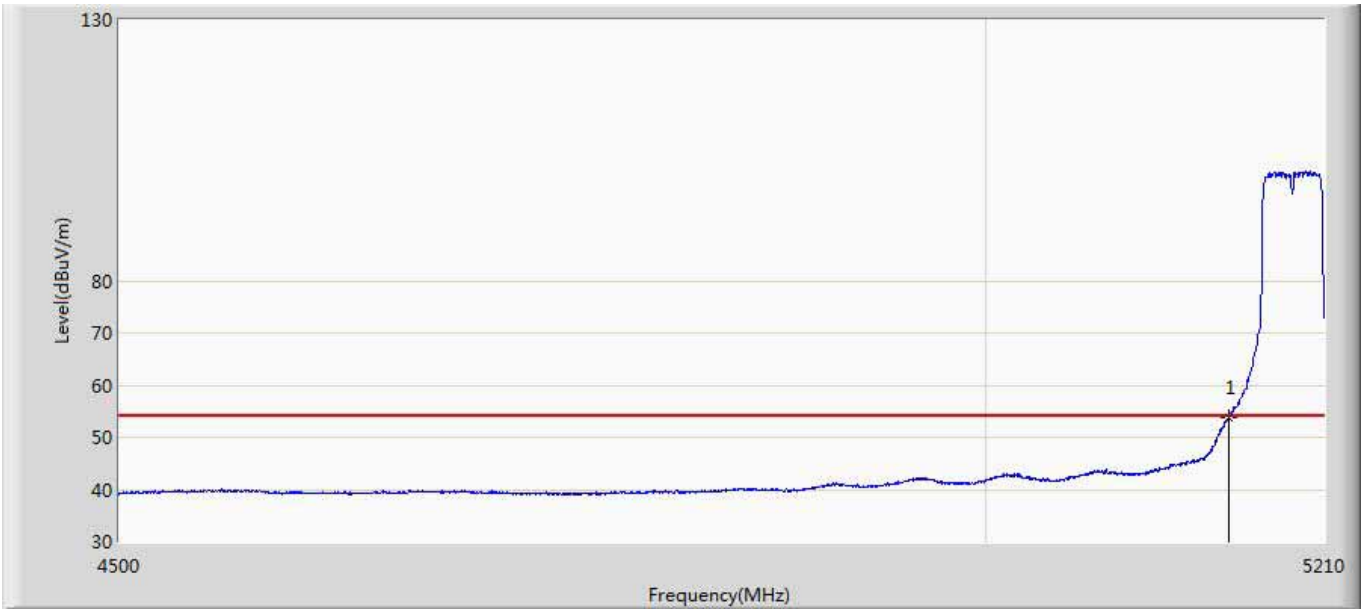
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.756	18.799	-14.244	74.000	40.957	PK
2	*	5175.920	106.244	65.136	32.244	74.000	41.108	PK

Profile: 1732120R	Page No.: 36
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5180 by ac20 Band 1 Ant1	



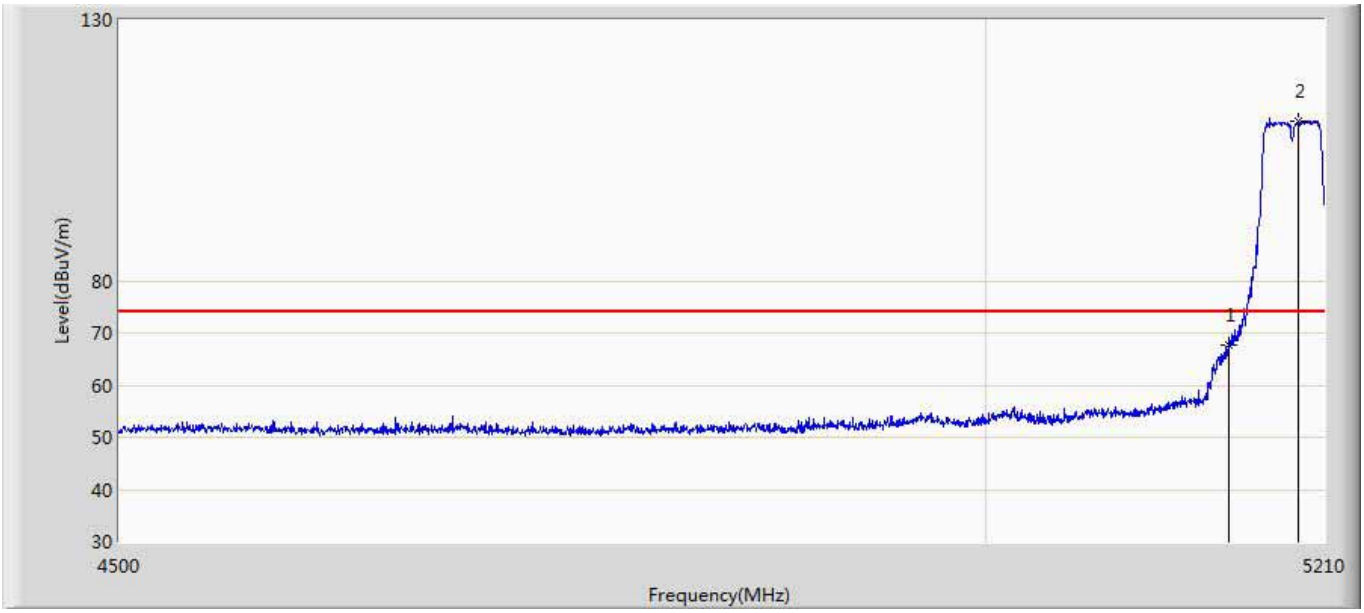
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.075	3.118	-9.925	54.000	40.957	AV
2	*	5185.860	96.999	55.874	42.999	54.000	41.125	AV

Profile: 1732120R	Page No.: 37
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:42
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 5190 by n40 Band 1 Ant1	



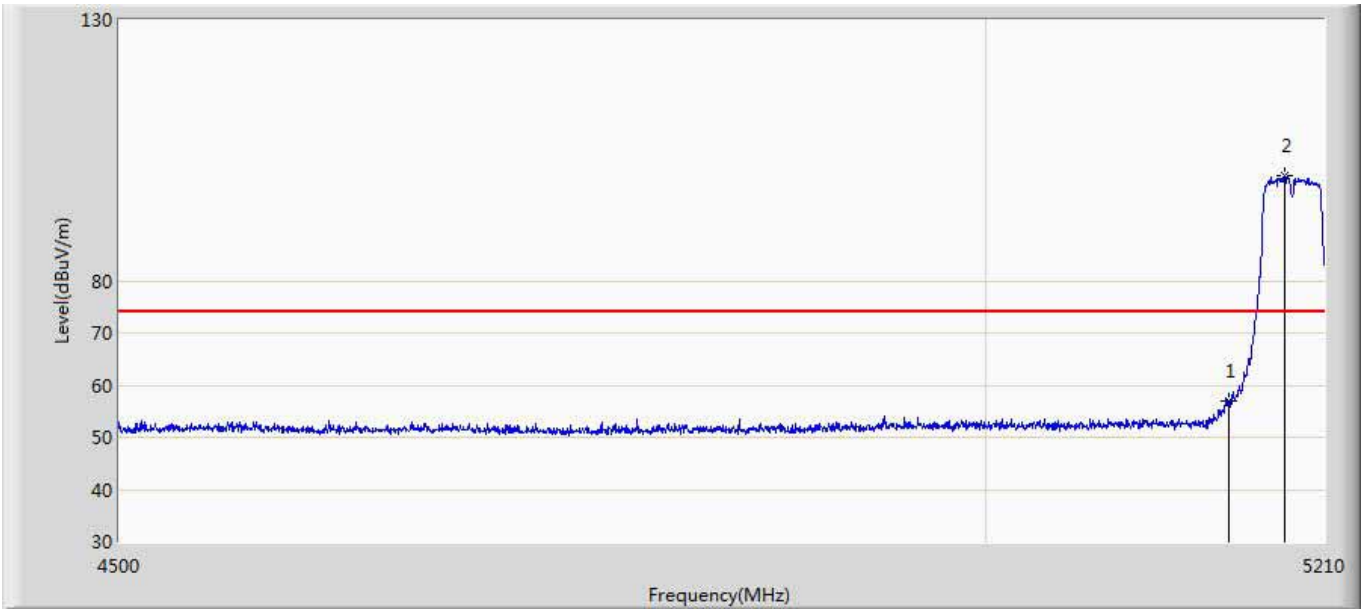
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	53.685	12.728	-0.315	54.000	40.957	AV

Profile: 1732120R	Page No.: 38
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190 by n40 Band 1 Ant1	



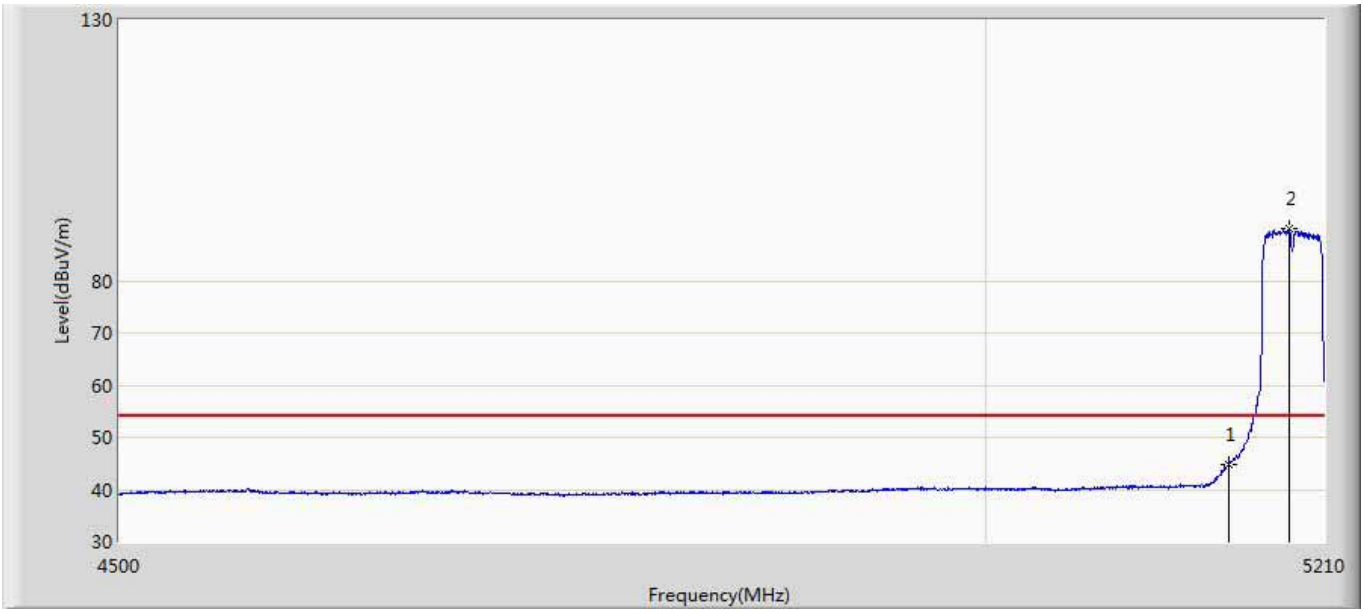
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.539	26.582	-6.461	74.000	40.957	PK
2	*	5194.025	110.447	69.186	36.447	74.000	41.261	PK

Profile: 1732120R	Page No.: 39
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190 by n40 Band 1 Ant1	



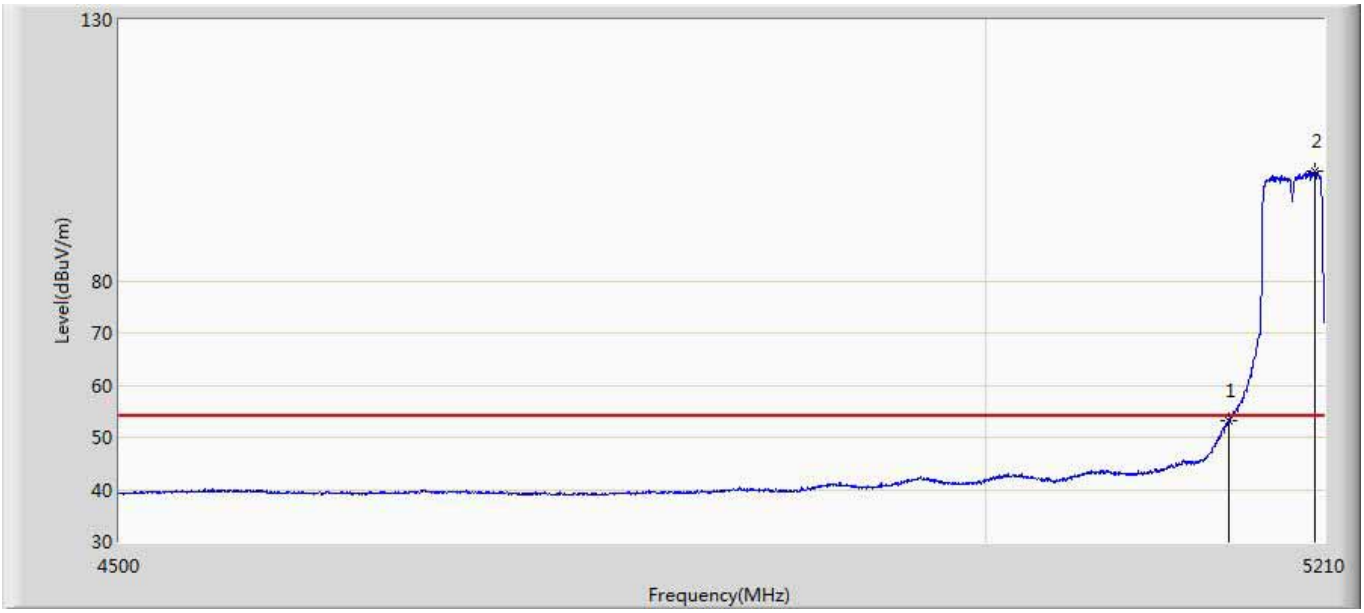
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.825	15.868	-17.175	74.000	40.957	PK
2	*	5185.505	100.118	58.999	26.118	74.000	41.120	PK

Profile: 1732120R	Page No.: 40
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190 by n40 Band 1 Ant1	



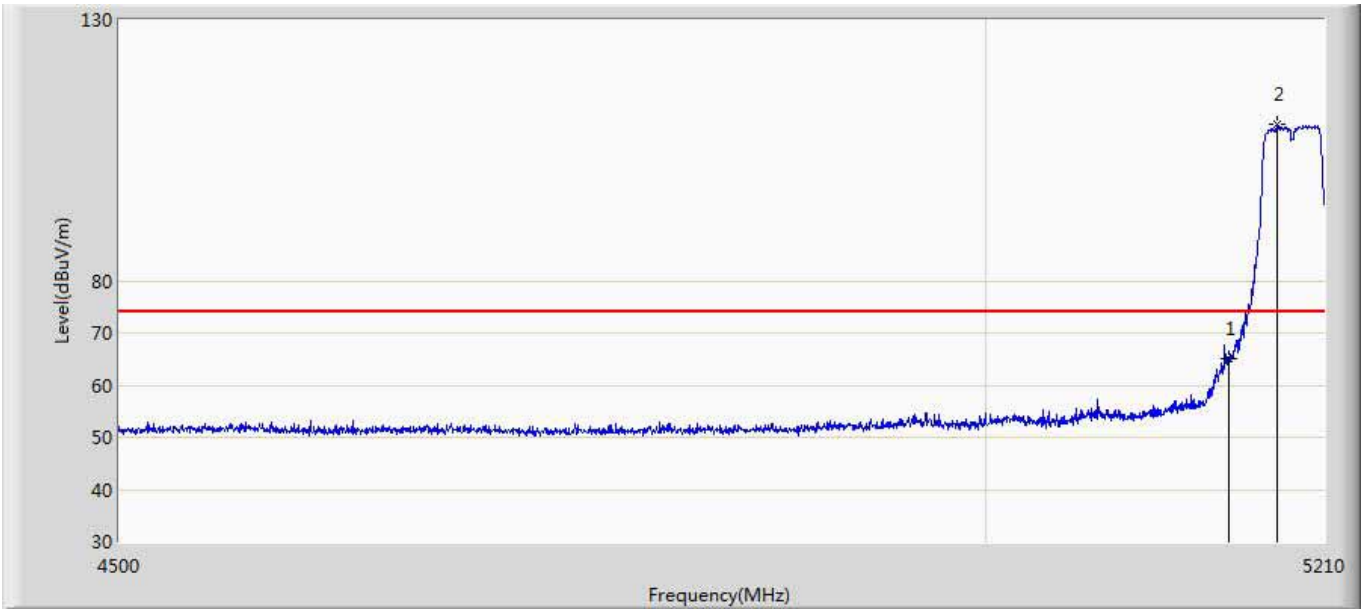
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.713	3.756	-9.287	54.000	40.957	AV
2	*	5187.635	89.903	48.748	35.903	54.000	41.155	AV

Profile: 1732120R	Page No.: 41
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5190 by ac40 Band 1 Ant1	



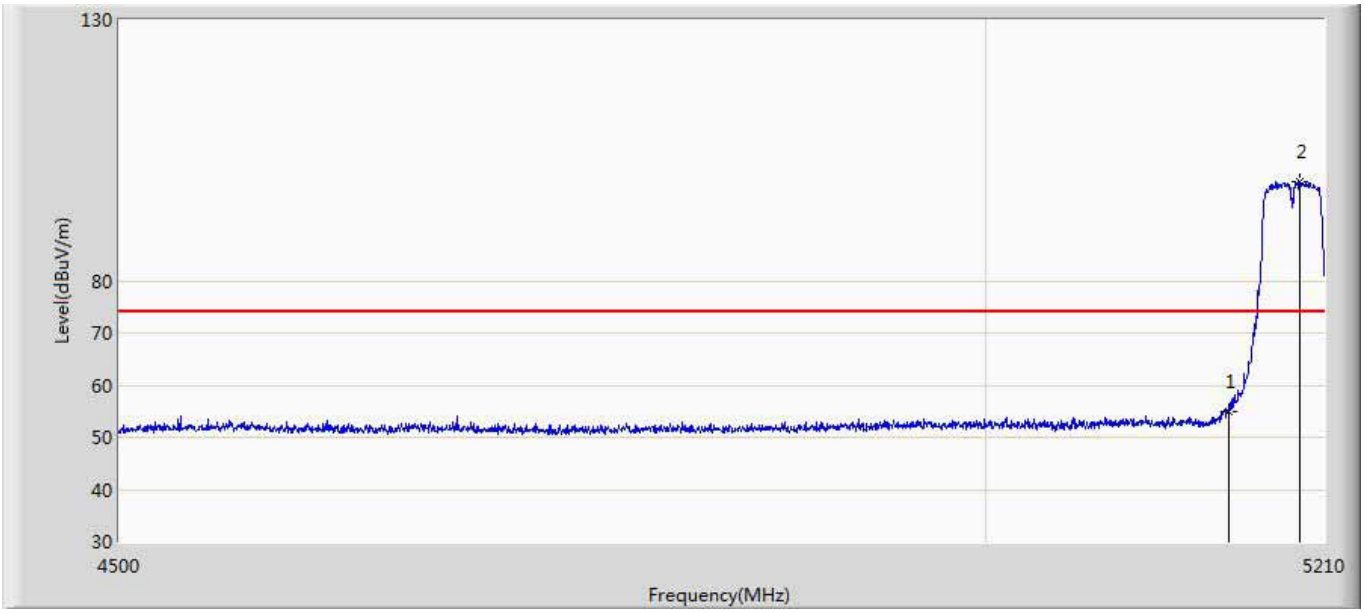
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.268	12.311	-0.732	54.000	40.957	AV
2	*	5204.675	101.049	59.757	47.049	54.000	41.292	AV

Profile: 1732120R	Page No.: 42
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5190 by ac40 Band 1 Ant1	



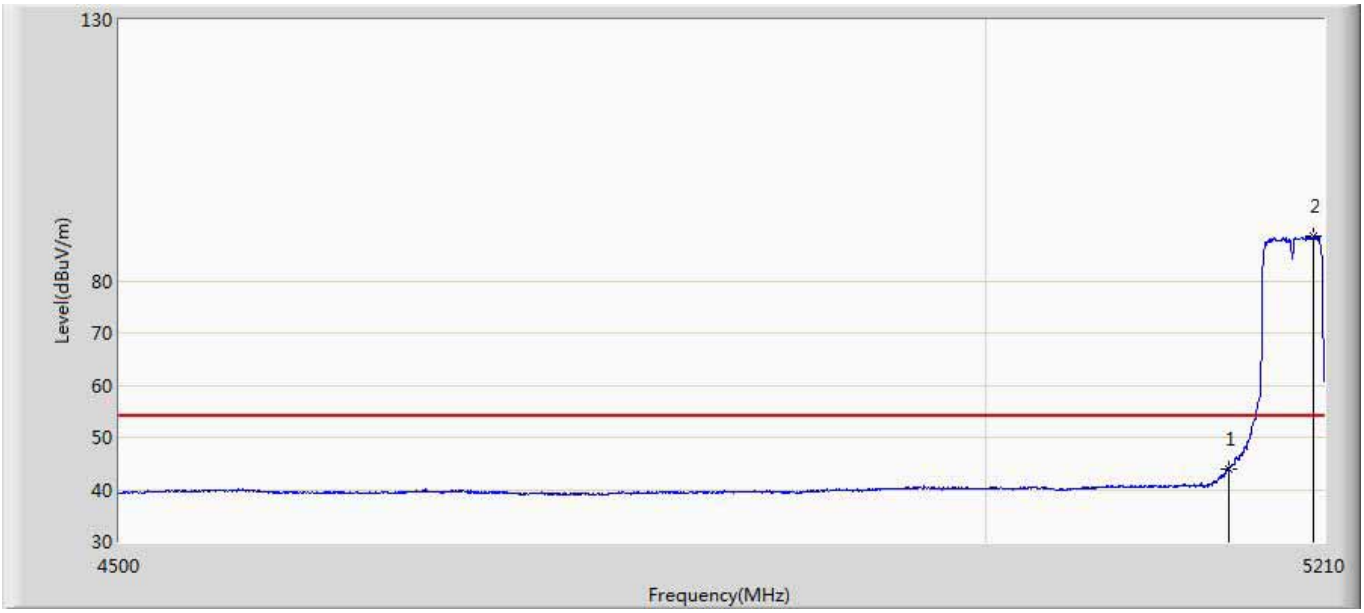
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.181	24.224	-8.819	74.000	40.957	PK
2	*	5180.535	110.058	68.986	36.058	74.000	41.073	PK

Profile: 1732120R	Page No.: 43
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5190 by ac40 Band 1 Ant1	



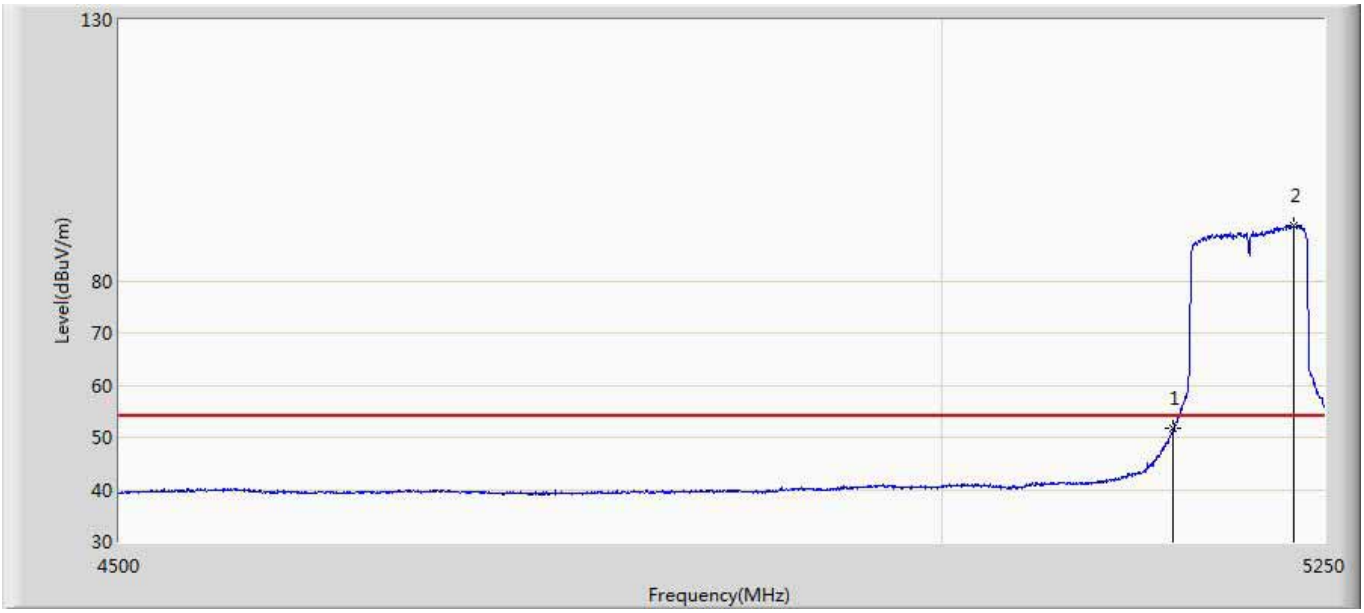
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	54.938	13.981	-19.062	74.000	40.957	PK
2	*	5195.090	98.918	57.639	24.918	74.000	41.279	PK

Profile: 1732120R	Page No.: 44
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 00:59
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 5190 by ac40 Band 1 Ant1	



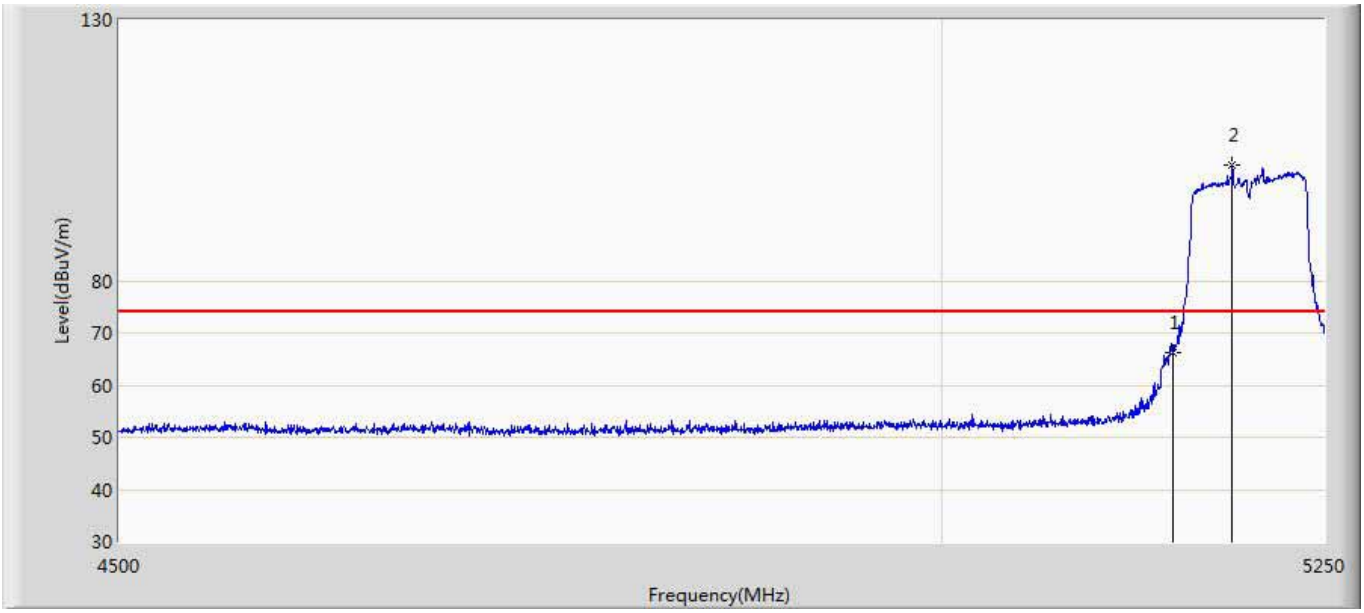
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	43.986	3.029	-10.014	54.000	40.957	AV
2	*	5202.900	88.585	47.277	34.585	54.000	41.308	AV

Profile: 1732120R	Page No.: 45
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 5210 by ac80 Band 1 Ant1	



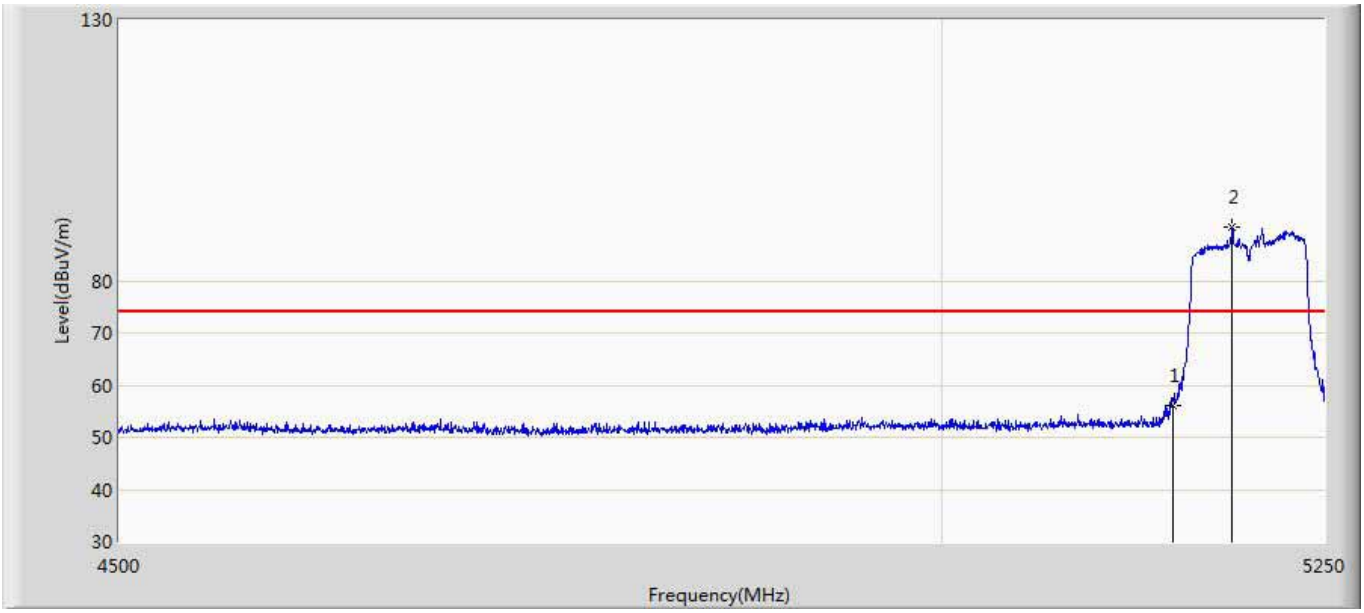
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.629	10.672	-2.371	54.000	40.957	AV
2	*	5229.750	90.471	49.198	36.471	54.000	41.273	AV

Profile: 1732120R	Page No.: 46
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 5210 by ac80 Band 1 Ant1	



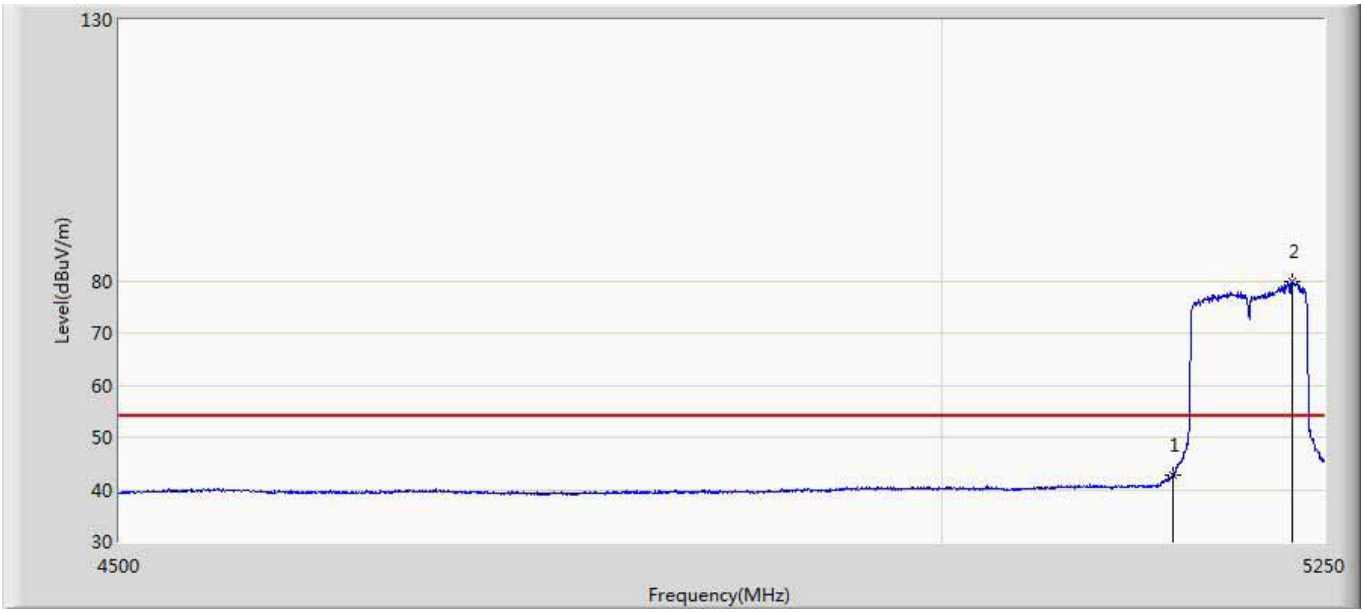
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.203	25.246	-7.797	74.000	40.957	PK
2	*	5188.875	102.189	61.014	28.189	74.000	41.176	PK

Profile: 1732120R	Page No.: 47
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 5210 by ac80 Band 1 Ant1	



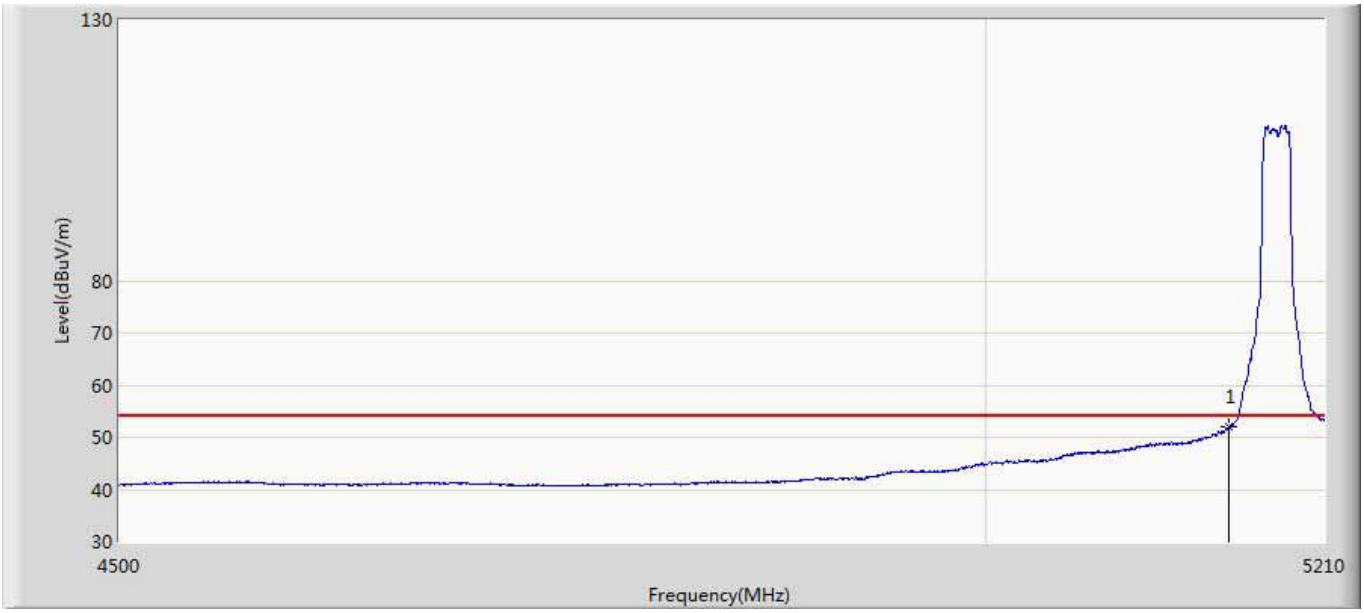
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.100	15.143	-17.900	74.000	40.957	PK
2	*	5188.875	90.347	49.172	16.347	74.000	41.176	PK

Profile: 1732120R	Page No.: 48
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 12:Transmit at 5210 by ac80 Band 1 Ant1	



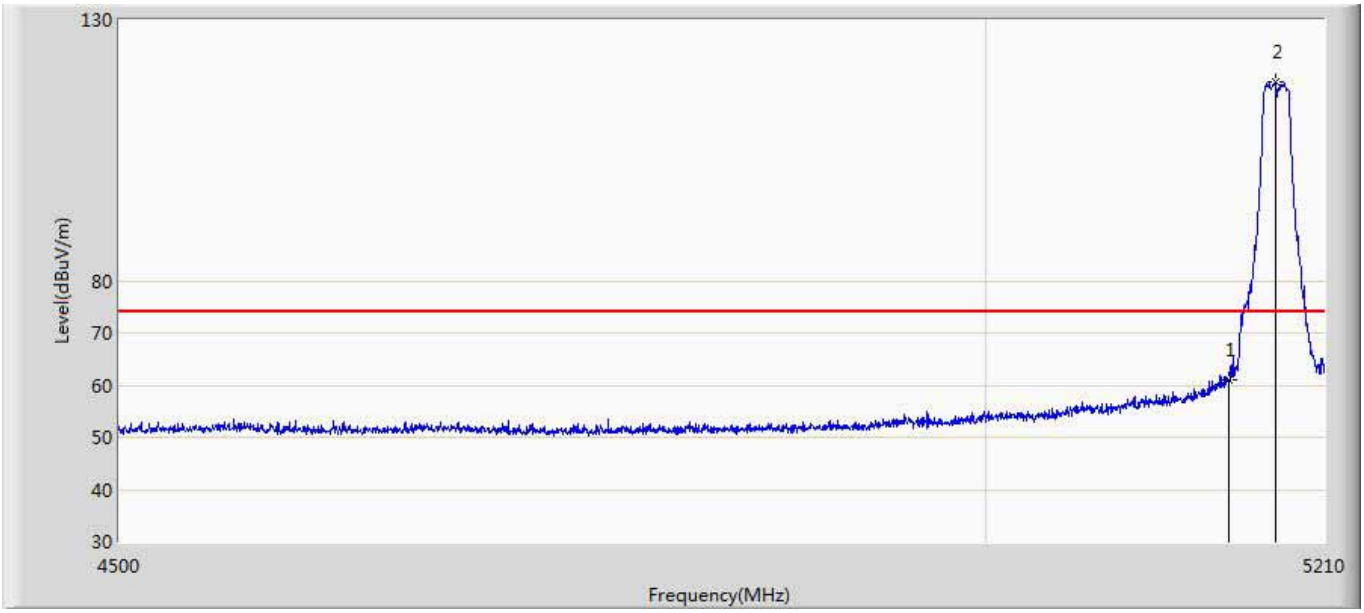
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	42.884	1.927	-11.116	54.000	40.957	AV
2	*	5229.000	79.861	38.593	25.861	54.000	41.268	AV

Profile: 1732120R	Page No.: 49
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5180 by a Band 1 Ant0+1	



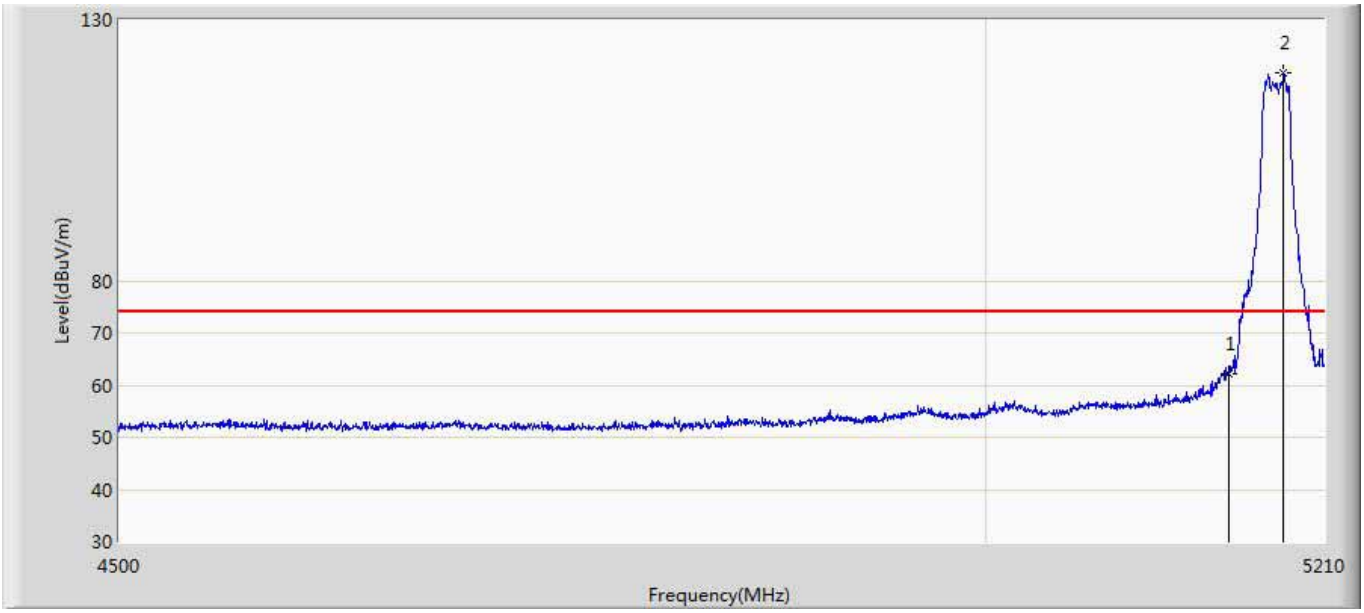
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	51.894	10.937	-2.106	54.000	40.957	AV

Profile: 1732120R	Page No.: 50
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 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 13:Transmit at 5180 by a Band 1 Ant0+1	



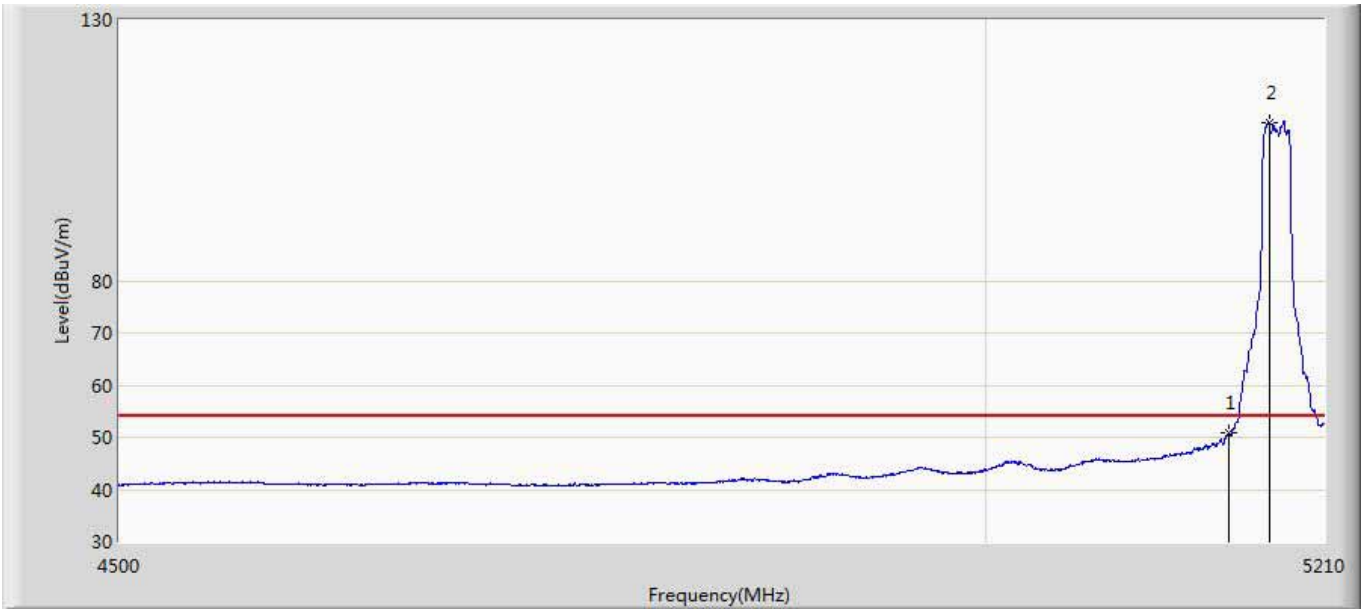
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.019	20.062	-12.981	74.000	40.957	PK
2	*	5179.115	118.124	77.041	44.124	74.000	41.083	PK

Profile: 1732120R	Page No.: 51
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:42
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 5180 by a Band 1 Ant0+1	



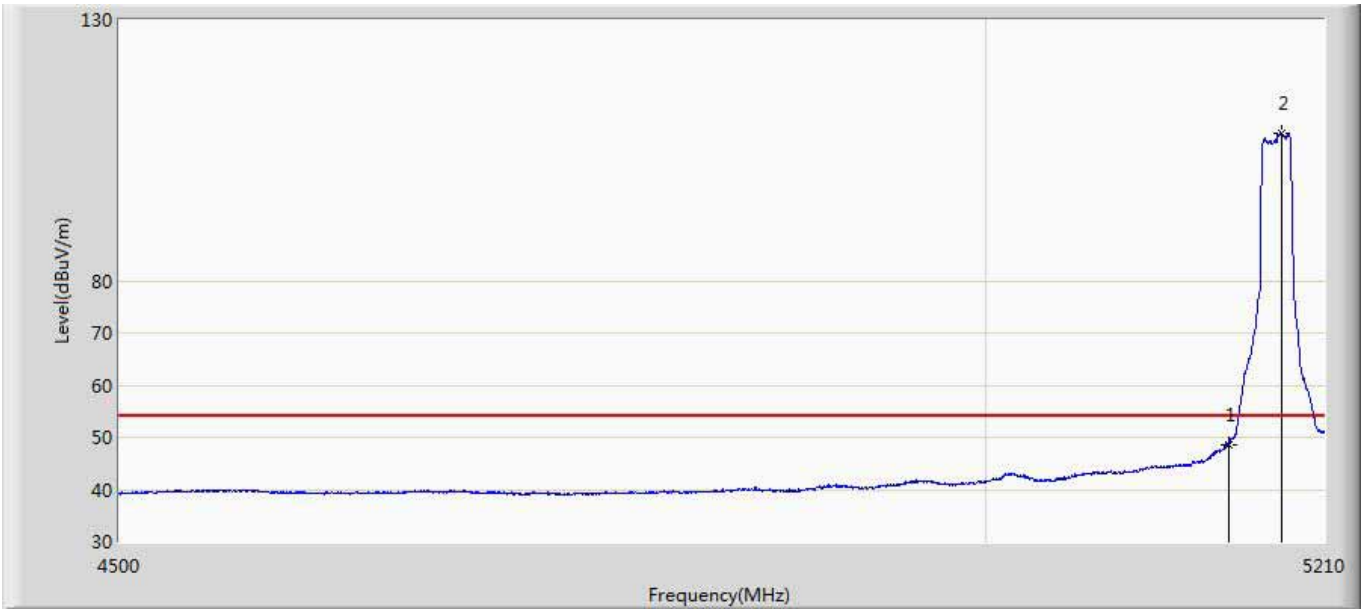
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.301	21.344	-11.699	74.000	40.957	PK
2	*	5184.440	119.714	78.612	45.714	74.000	41.101	PK

Profile: 1732120R	Page No.: 52
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5180 by a Band 1 Ant0+1	



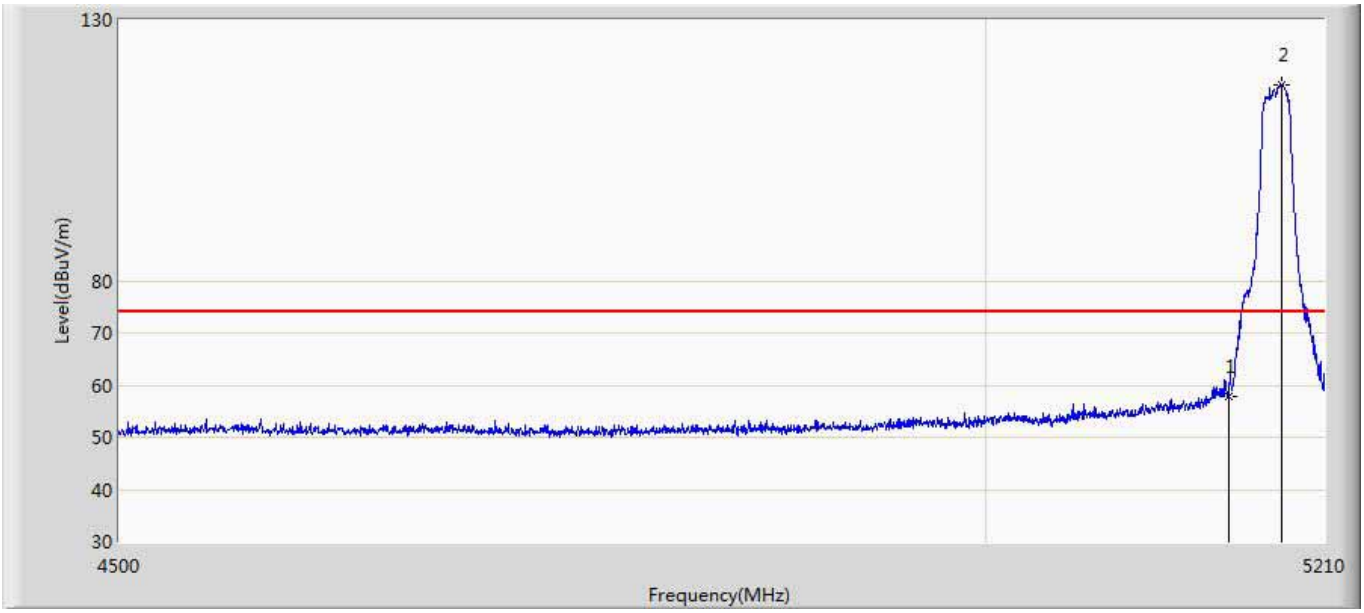
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.967	10.010	-3.033	54.000	40.957	AV
2	*	5175.210	110.296	69.182	56.296	54.000	41.114	AV

Profile: 1732120R	Page No.: 53
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 01:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5180 by n20 Band 1 Ant0+1	



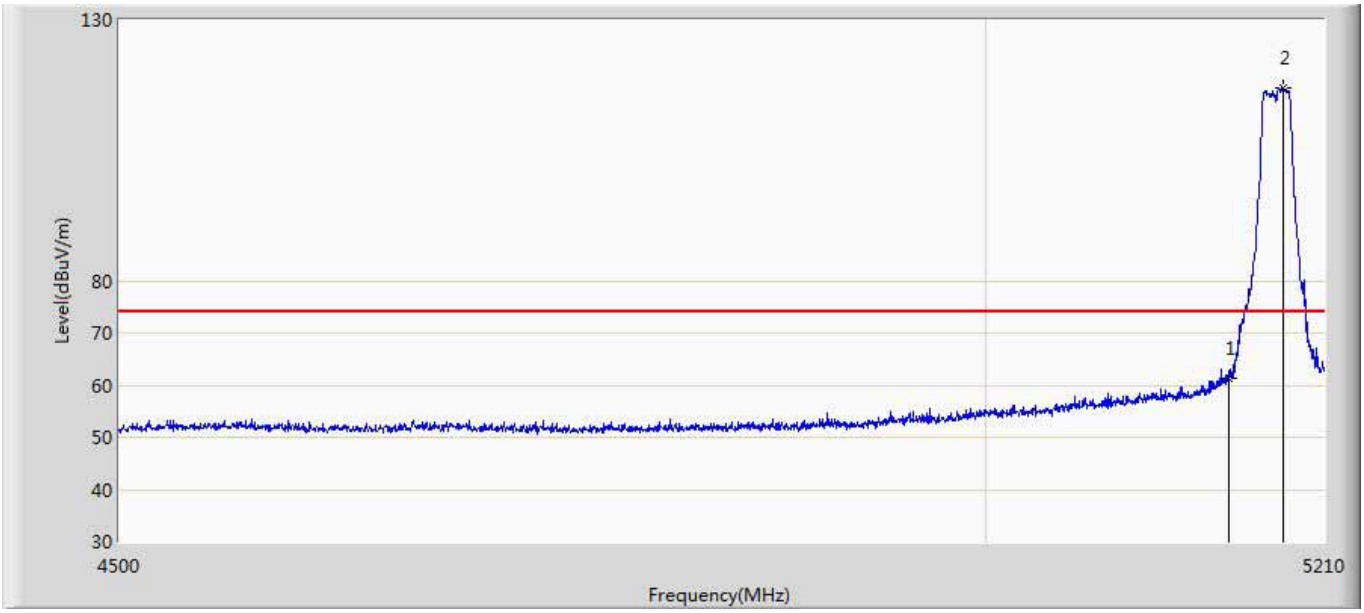
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.603	7.646	-5.397	54.000	40.957	AV
2	*	5183.020	108.144	67.066	54.144	54.000	41.078	AV

Profile: 1732120R	Page No.: 54
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 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 14:Transmit at 5180 by n20 Band 1 Ant0+1	



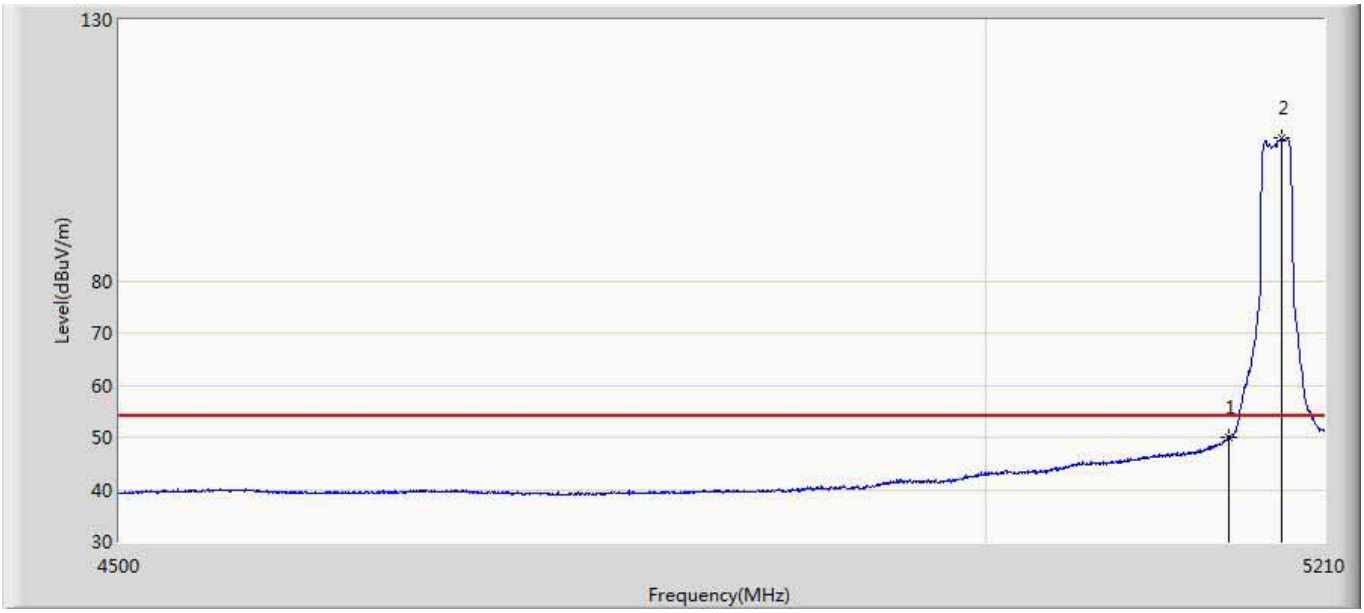
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	57.796	16.839	-16.204	74.000	40.957	PK
2	*	5183.375	117.526	76.442	43.526	74.000	41.084	PK

Profile: 1732120R	Page No.: 55
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5180 by n20 Band 1 Ant0+1	



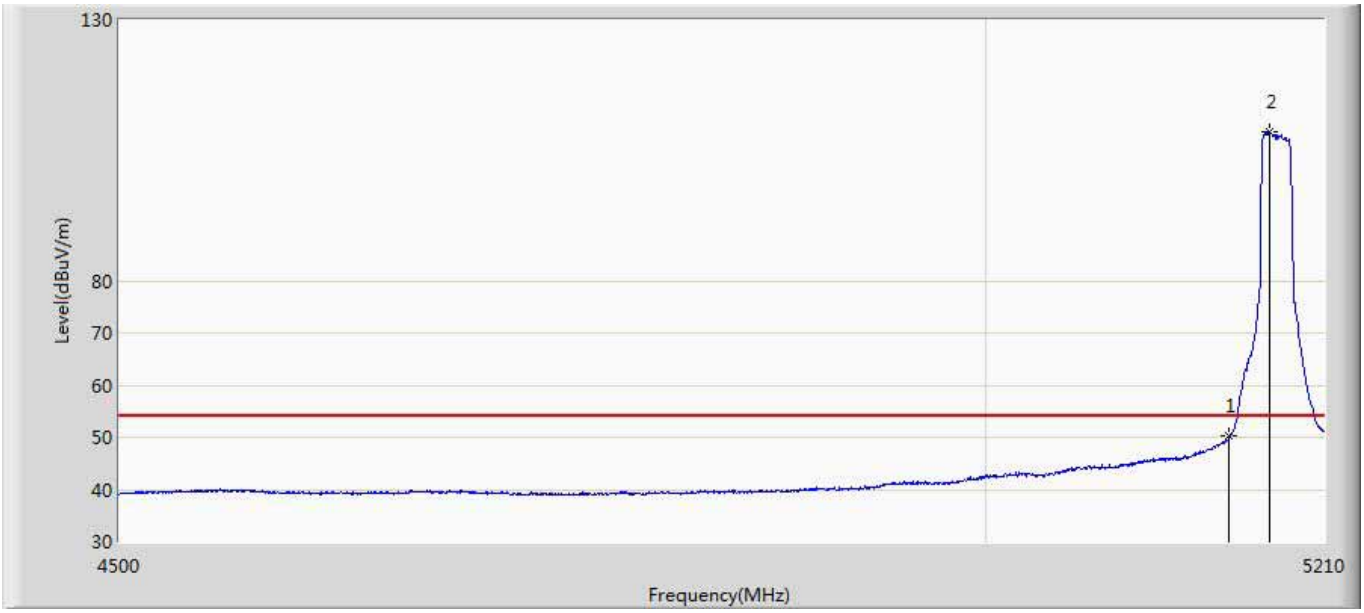
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.299	20.342	-12.701	74.000	40.957	PK
2	*	5184.440	117.036	75.934	43.036	74.000	41.101	PK

Profile: 1732120R	Page No.: 56
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5180 by n20 Band 1 Ant0+1	



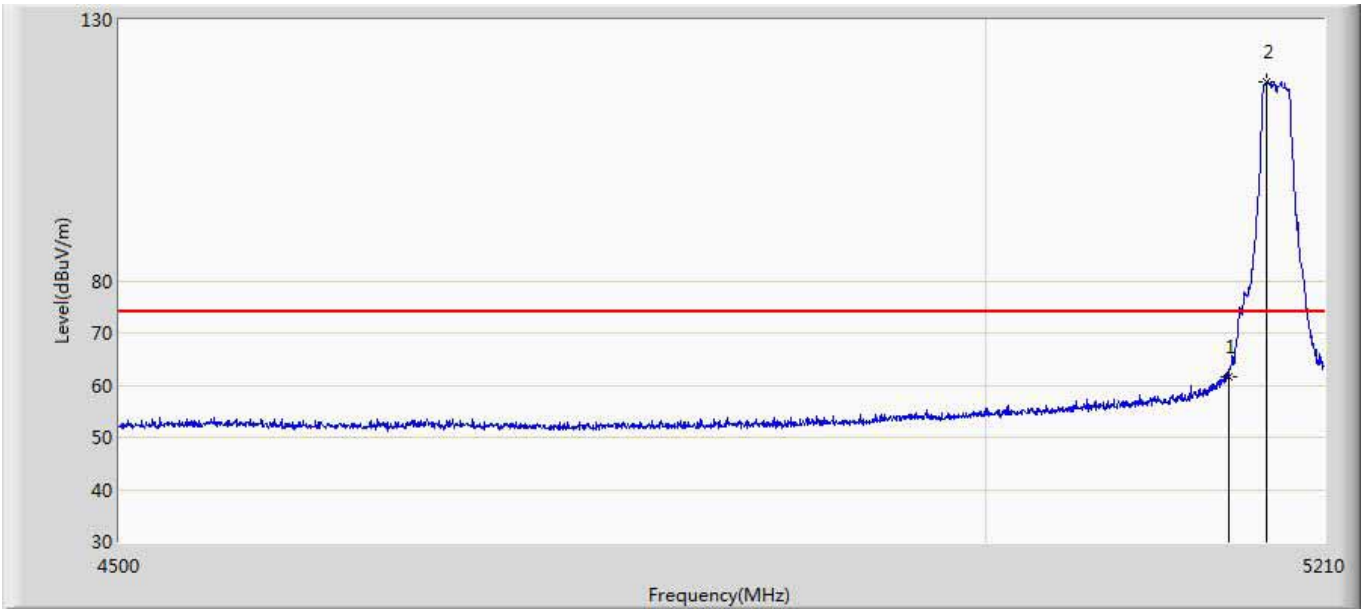
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.913	8.956	-4.087	54.000	40.957	AV
2	*	5183.730	107.503	66.413	53.503	54.000	41.090	AV

Profile: 1732120R	Page No.: 57
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:16
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 5180 by ac20 Band 1 Ant0+1	



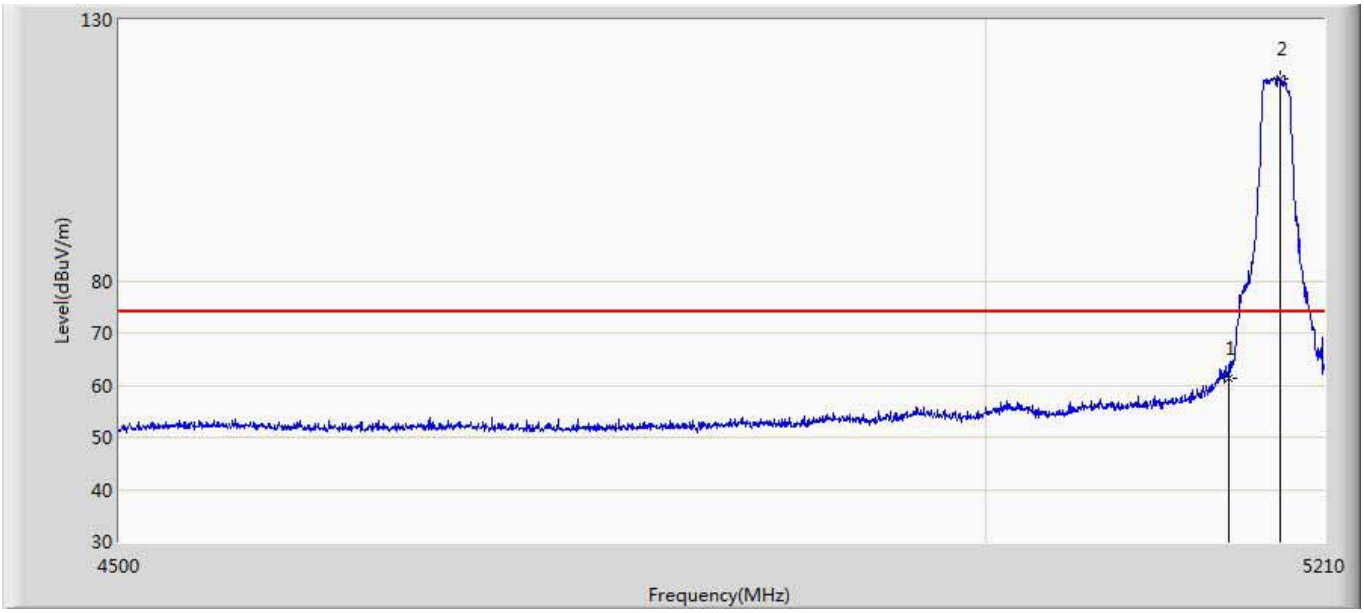
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.191	9.234	-3.809	54.000	40.957	AV
2	*	5175.210	108.504	67.390	54.504	54.000	41.114	AV

Profile: 1732120R	Page No.: 58
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 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 15:Transmit at 5180 by ac20 Band 1 Ant0+1	



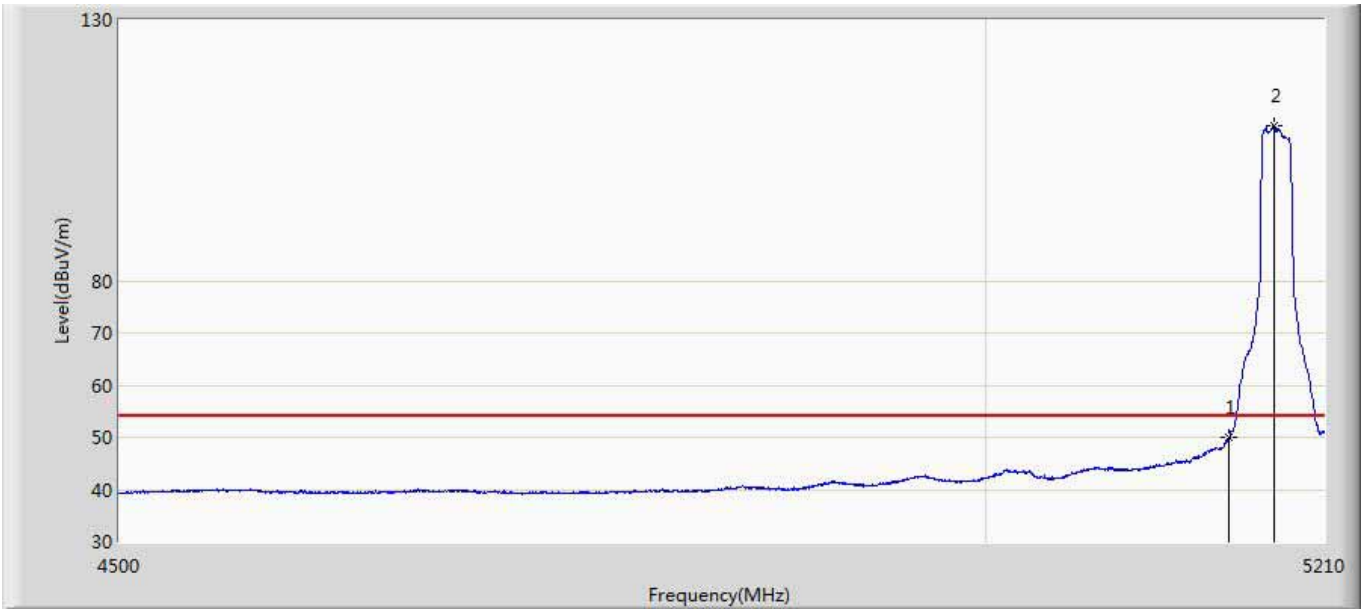
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.668	20.711	-12.332	74.000	40.957	PK
2	*	5173.435	118.154	77.026	44.154	74.000	41.127	PK

Profile: 1732120R	Page No.: 59
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5180 by ac20 Band 1 Ant0+1	



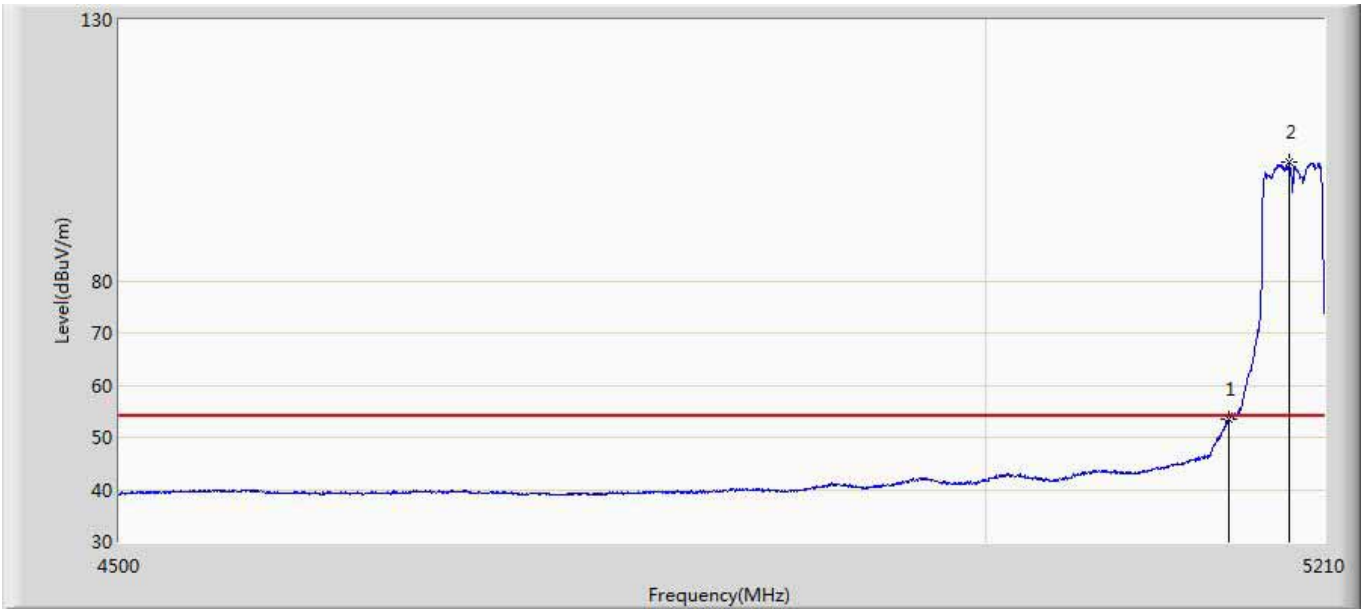
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.310	20.353	-12.690	74.000	40.957	PK
2	*	5182.665	118.602	77.530	44.602	74.000	41.072	PK

Profile: 1732120R	Page No.: 60
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:36
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 5180 by ac20 Band 1 Ant0+1	



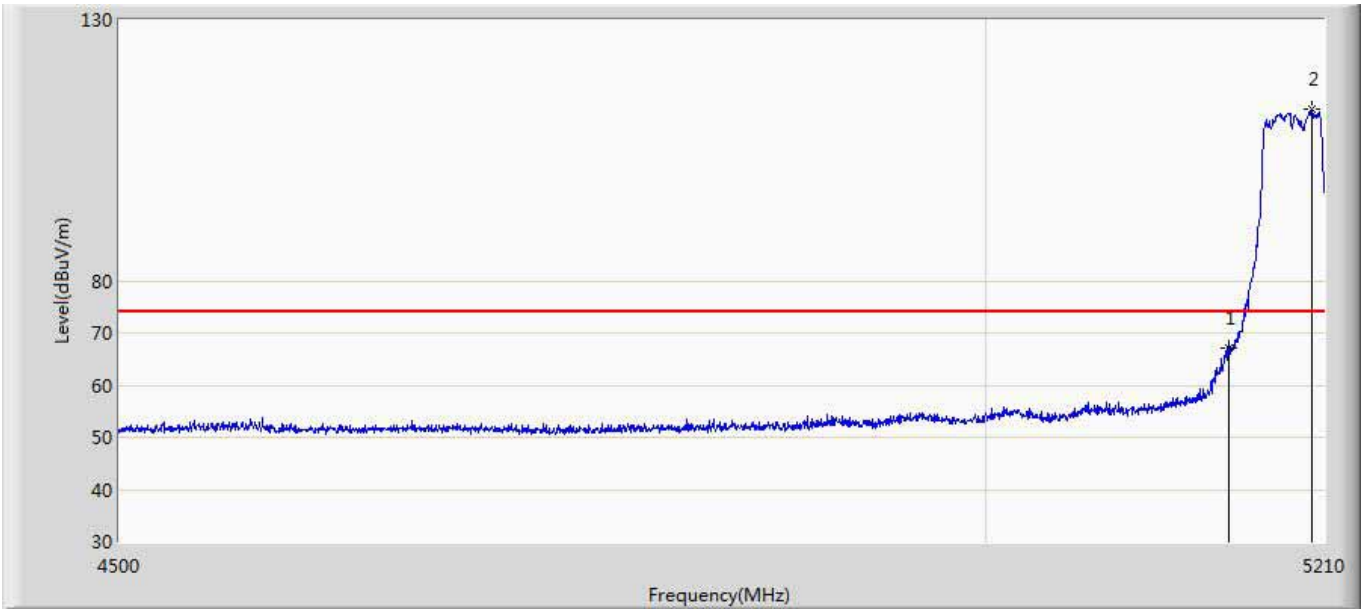
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.127	9.170	-3.873	54.000	40.957	AV
2	*	5178.760	109.743	68.657	55.743	54.000	41.086	AV

Profile: 1732120R	Page No.: 61
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5190 by n40 Band 1 Ant0+1	



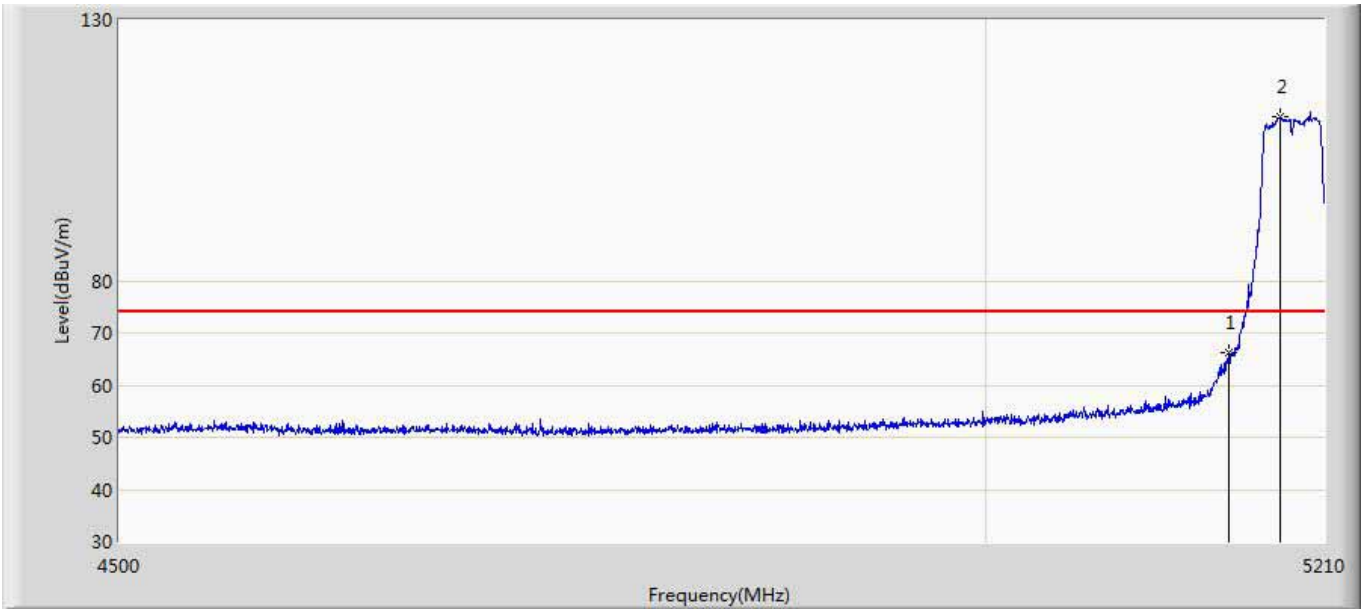
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.607	12.650	-0.393	54.000	40.957	AV
2	*	5188.345	102.734	61.567	48.734	54.000	41.166	AV

Profile: 1732120R	Page No.: 62
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5190 by n40 Band 1 Ant0+1	



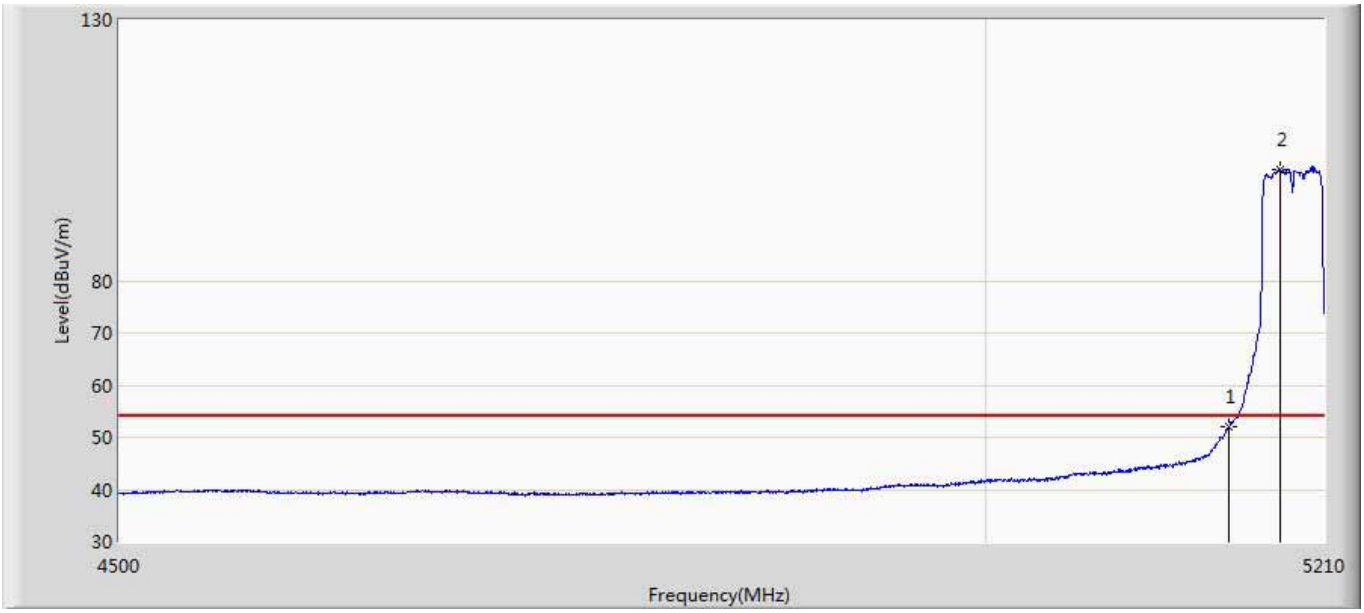
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.180	26.223	-6.820	74.000	40.957	PK
2	*	5202.190	112.830	71.515	38.830	74.000	41.314	PK

Profile: 1732120R	Page No.: 63
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5190 by n40 Band 1 Ant0+1	



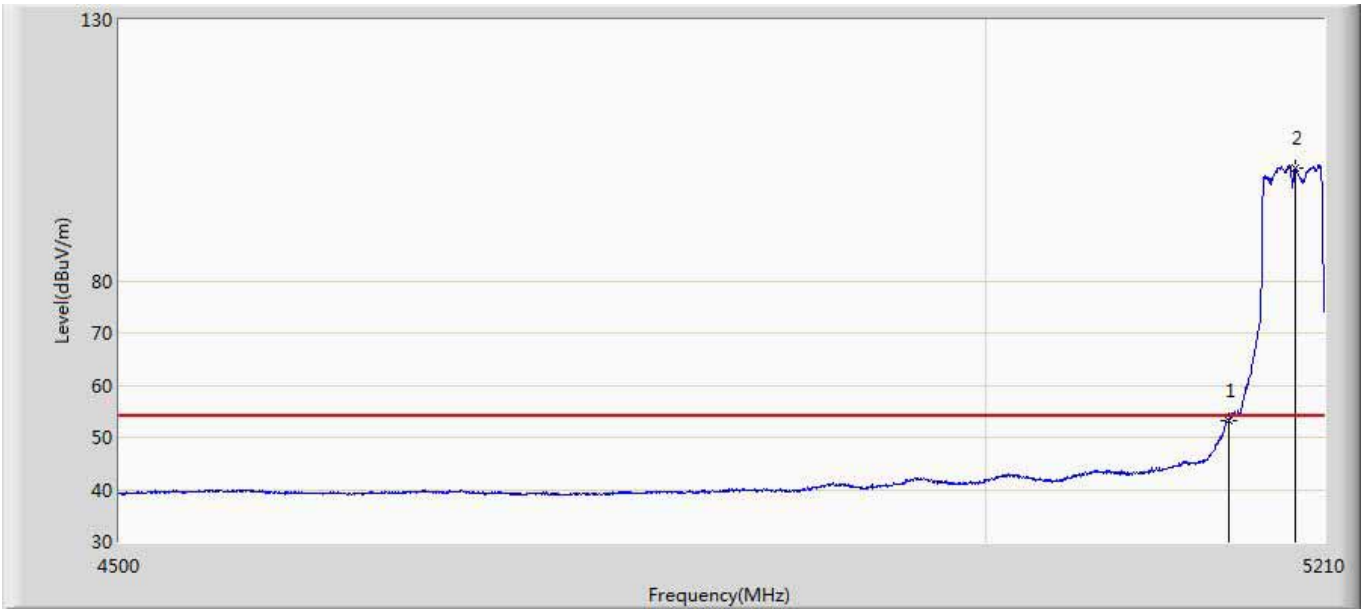
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.332	25.375	-7.668	74.000	40.957	PK
2	*	5182.665	111.593	70.521	37.593	74.000	41.072	PK

Profile: 1732120R	Page No.: 64
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:52
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 5190 by n40 Band 1 Ant0+1	



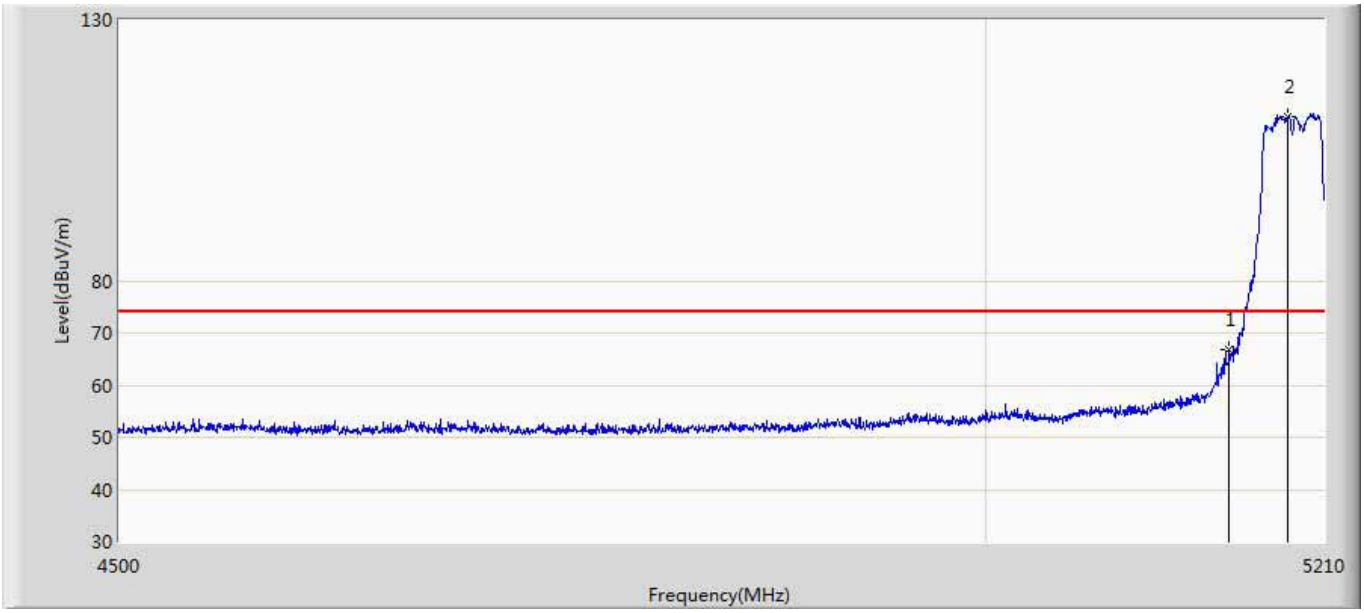
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.982	11.025	-2.018	54.000	40.957	AV
2	*	5182.665	101.292	60.220	47.292	54.000	41.072	AV

Profile: 1732120R	Page No.: 65
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5190 by ac40 Band 1 Ant0+1	



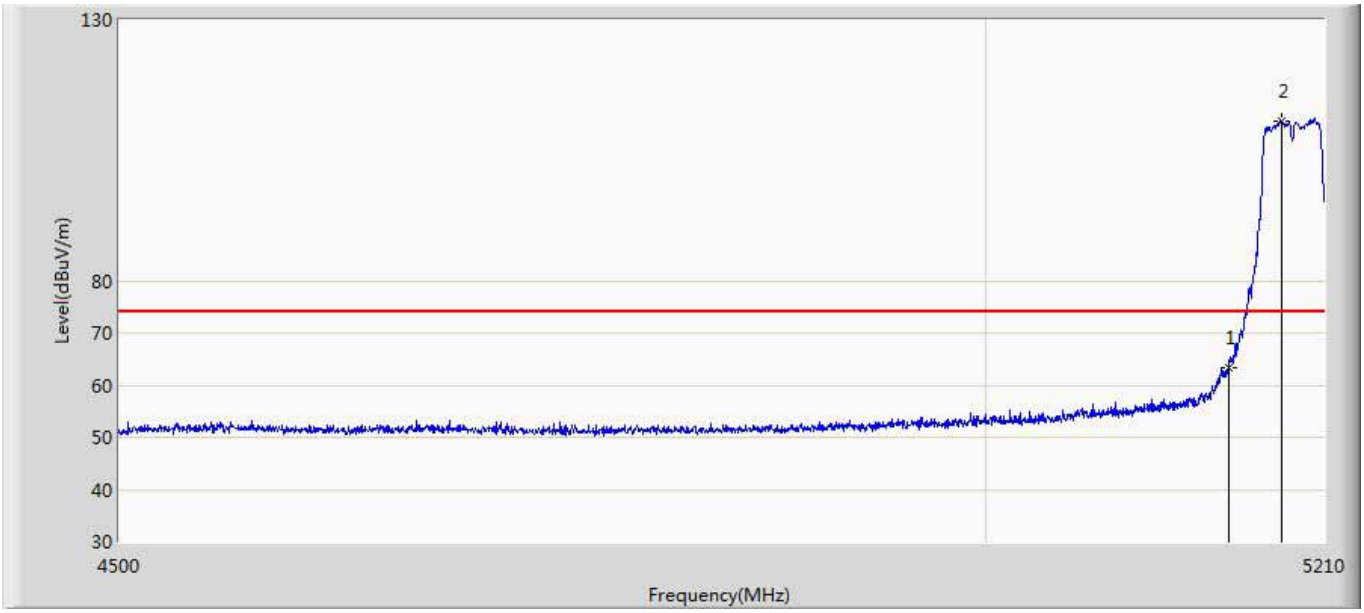
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.216	12.259	-0.784	54.000	40.957	AV
2	*	5191.540	101.680	60.460	47.680	54.000	41.220	AV

Profile: 1732120R	Page No.: 66
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5190 by ac40 Band 1 Ant0+1	



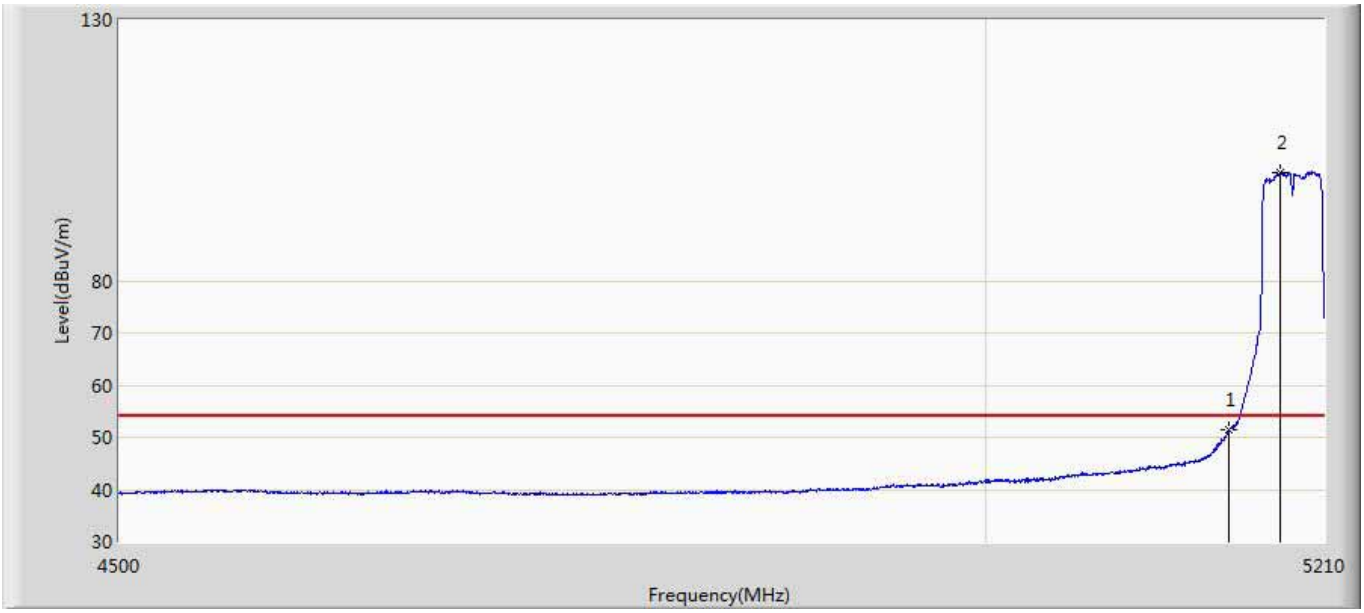
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.754	25.797	-7.246	74.000	40.957	PK
2	*	5186.925	111.537	70.394	37.537	74.000	41.143	PK

Profile: 1732120R	Page No.: 67
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 02:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5190 by ac40 Band 1 Ant0+1	



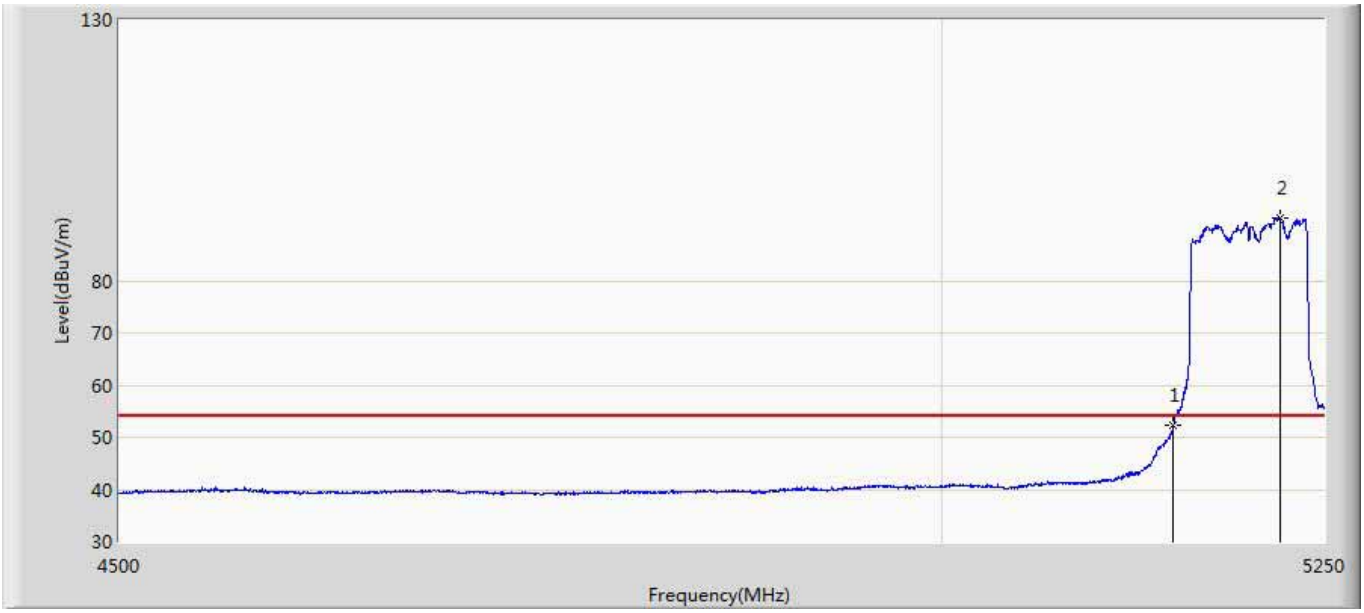
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.456	22.499	-10.544	74.000	40.957	PK
2	*	5183.375	110.475	69.391	36.475	74.000	41.084	PK

Profile: 1732120R	Page No.: 68
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 03:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5190 by ac40 Band 1 Ant0+1	



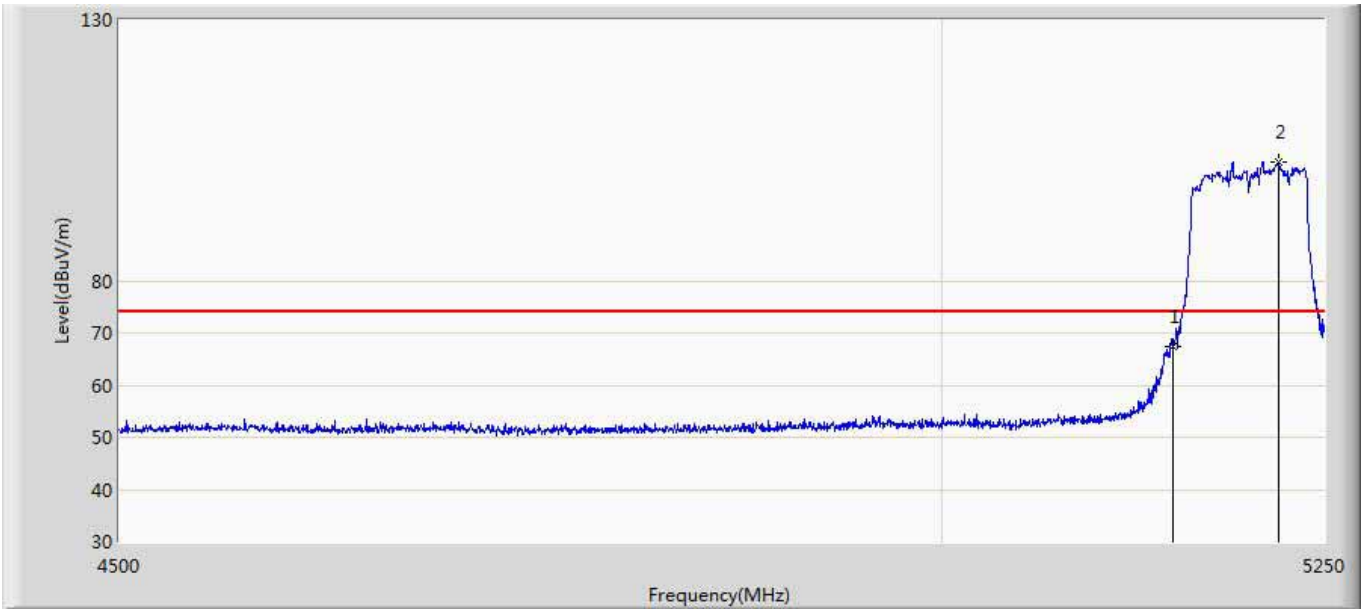
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.328	10.371	-2.672	54.000	40.957	AV
2	*	5181.955	100.776	59.715	46.776	54.000	41.061	AV

Profile: 1732120R	Page No.: 69
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 03:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5210 by ac80 Band 1 Ant0+1	



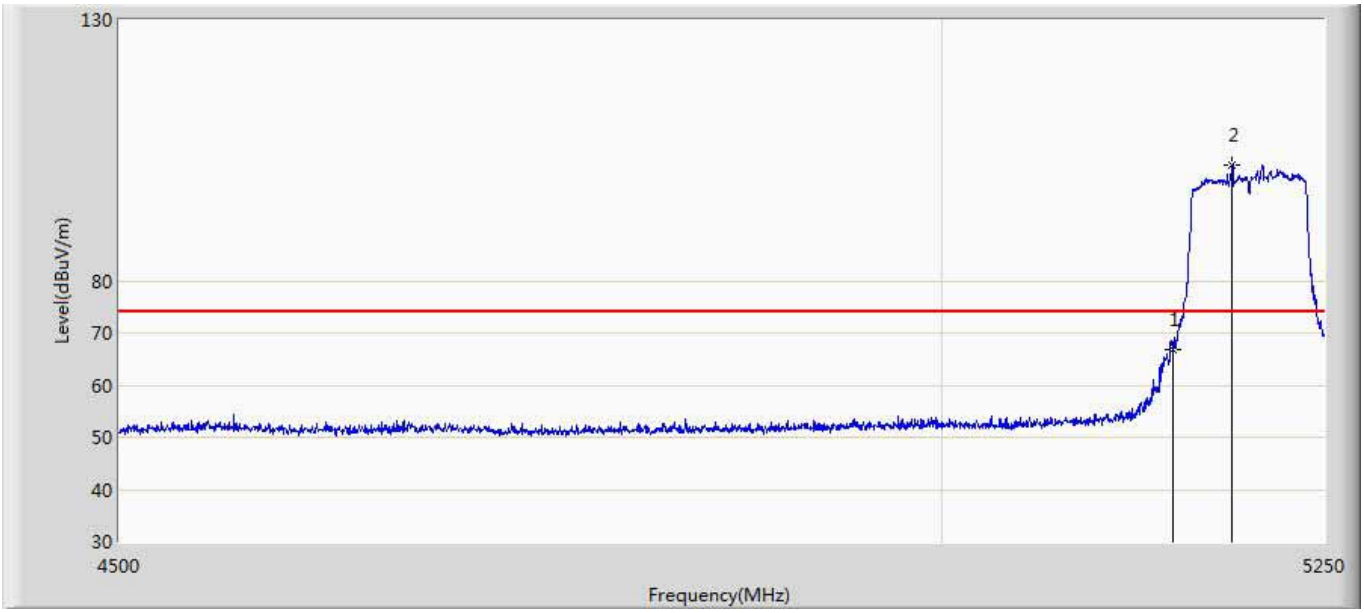
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.366	11.409	-1.634	54.000	40.957	AV
2	*	5220.375	92.081	50.867	38.081	54.000	41.214	AV

Profile: 1732120R	Page No.: 70
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 03:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5210 by ac80 Band 1 Ant0+1	



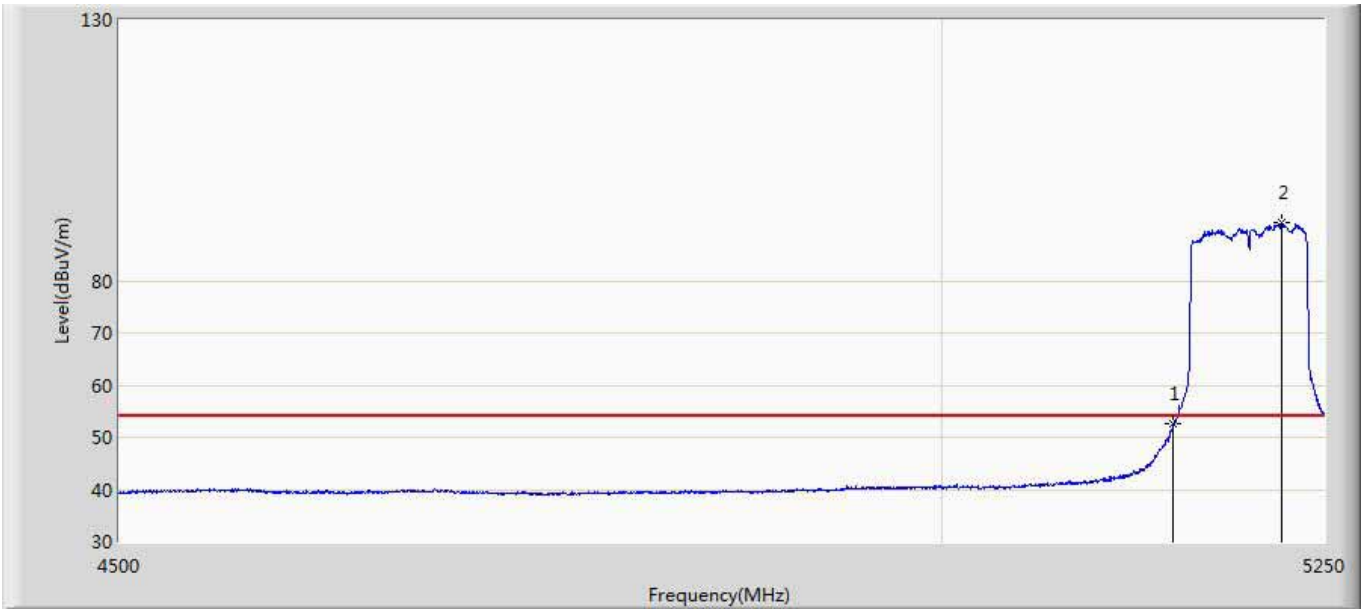
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.378	26.421	-6.622	74.000	40.957	PK
2	*	5219.625	102.760	61.550	28.760	74.000	41.210	PK

Profile: 1732120R	Page No.: 71
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 03:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5210 by ac80 Band 1 Ant0+1	



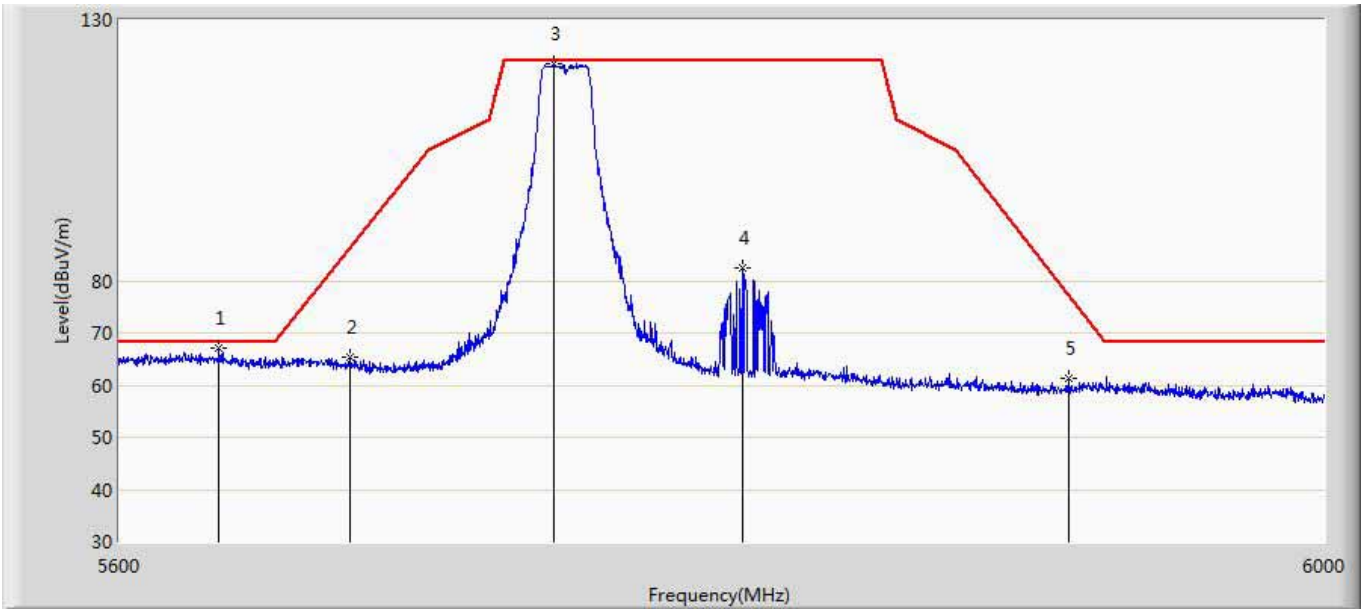
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.702	25.745	-7.298	74.000	40.957	PK
2	*	5188.875	102.265	61.090	28.265	74.000	41.176	PK

Profile: 1732120R	Page No.: 72
Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 03:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5210 by ac80 Band 1 Ant0+1	



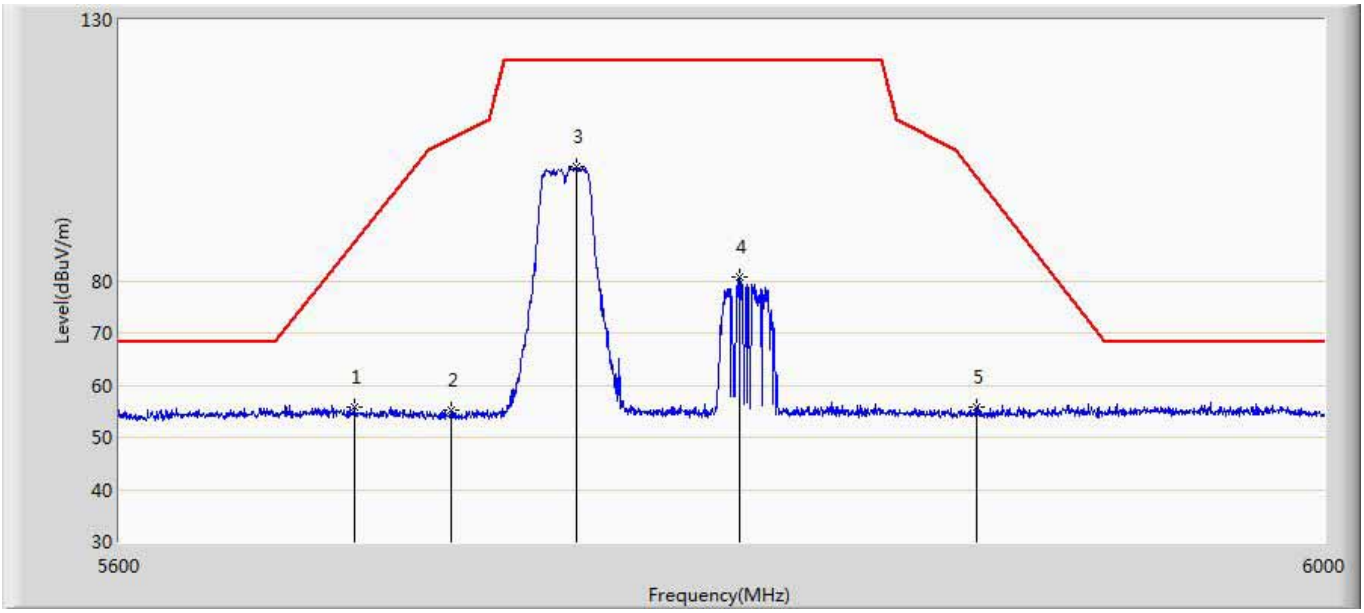
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.479	11.522	-1.521	54.000	40.957	AV
2	*	5221.500	91.051	49.830	37.051	54.000	41.221	AV

Profile: 1732120R	Page No.: 45
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:18
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5745 by 802.11a Ant0	



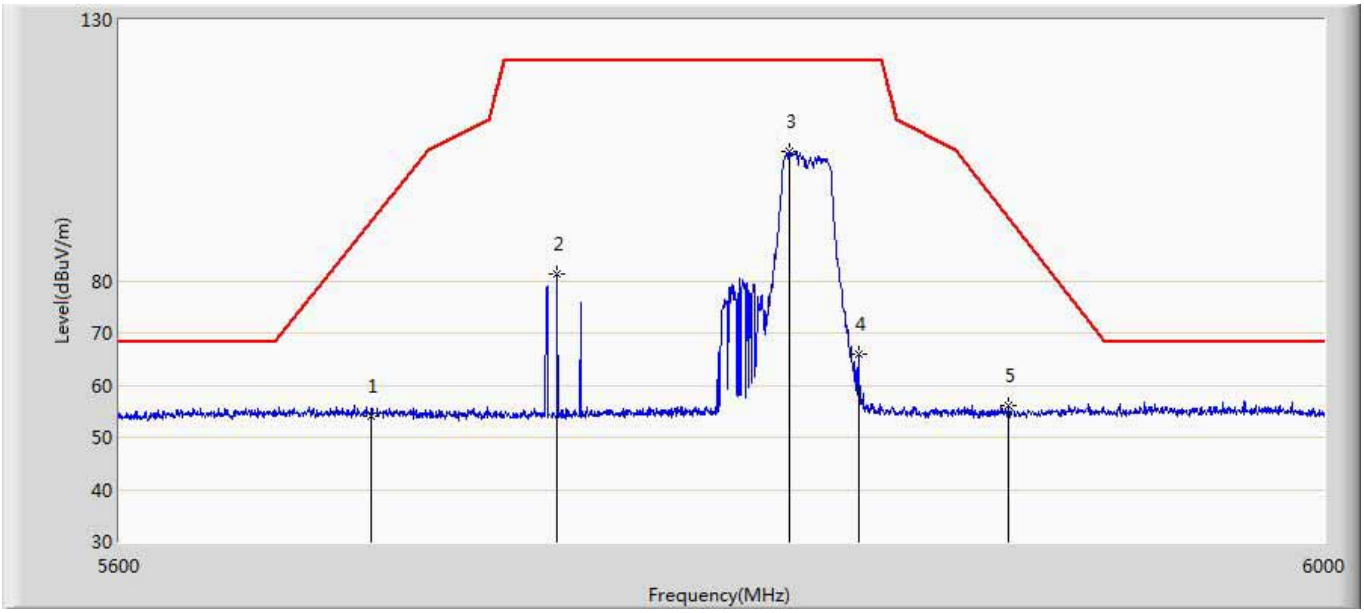
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5632.200	67.054	24.842	-1.146	68.200	42.212	PK
2		5674.400	65.284	23.086	-20.972	86.256	42.197	PK
3	*	5741.400	121.714	79.515	-0.486	122.200	42.199	PK
4		5803.600	82.593	40.283	-39.607	122.200	42.310	PK
5		5913.200	61.225	18.567	-15.707	76.932	42.658	PK

Profile: 1732120R	Page No.: 46
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:25
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5745 by 802.11a Ant0	



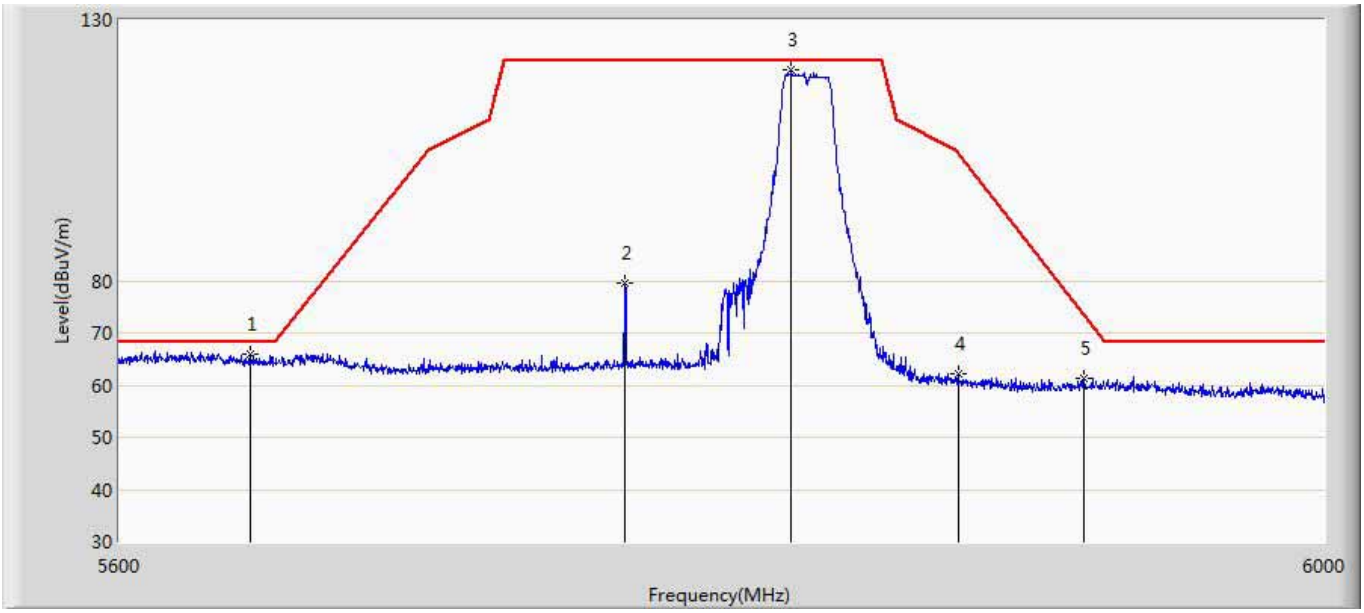
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5676.000	55.673	13.475	-31.767	87.440	42.197	PK
2		5707.400	55.126	12.905	-52.146	107.272	42.221	PK
3	*	5748.600	101.978	59.751	-20.222	122.200	42.227	PK
4		5802.400	80.858	38.547	-41.342	122.200	42.310	PK
5		5881.800	55.655	13.170	-44.513	100.168	42.485	PK

Profile: 1732120R	Page No.: 47
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:27
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5825 by 802.11a Ant0	



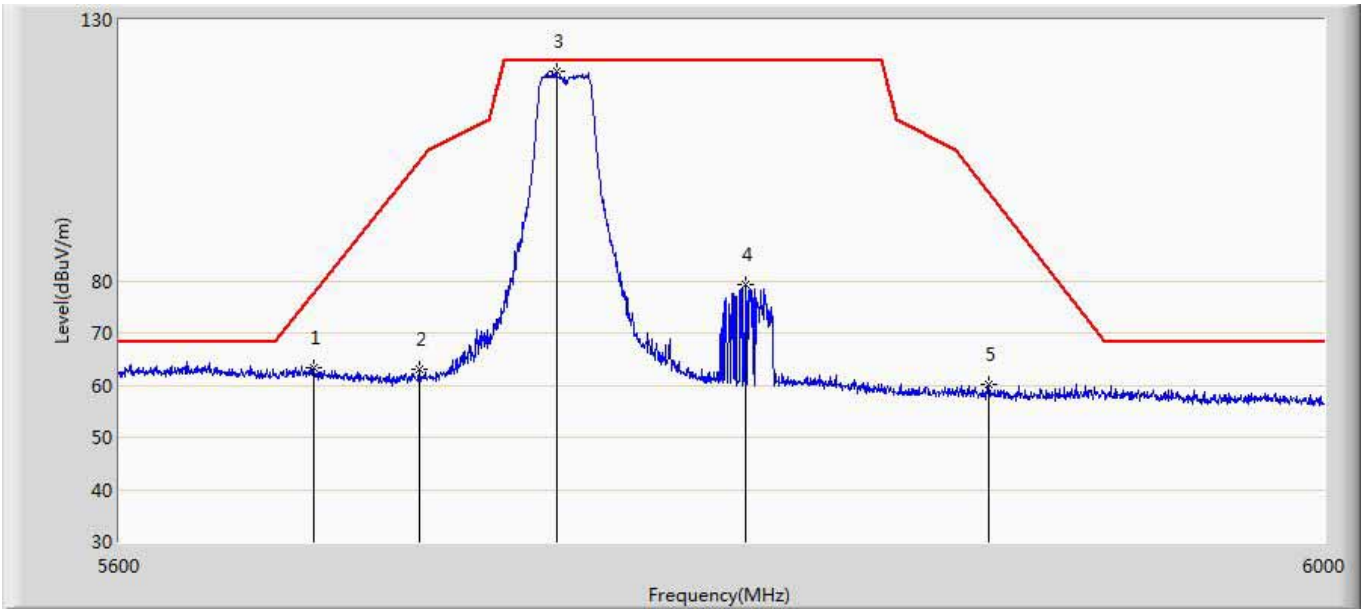
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5681.400	53.932	11.724	-37.504	91.436	42.208	PK
2		5742.200	81.219	39.025	-40.981	122.200	42.195	PK
3	*	5819.000	104.802	62.493	-17.398	122.200	42.308	PK
4		5842.200	66.059	23.670	-56.141	122.200	42.389	PK
5		5892.800	56.184	13.725	-35.844	92.028	42.460	PK

Profile: 1732120R	Page No.: 48
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:29
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 13:Transmit at 5825 by 802.11a Ant0	



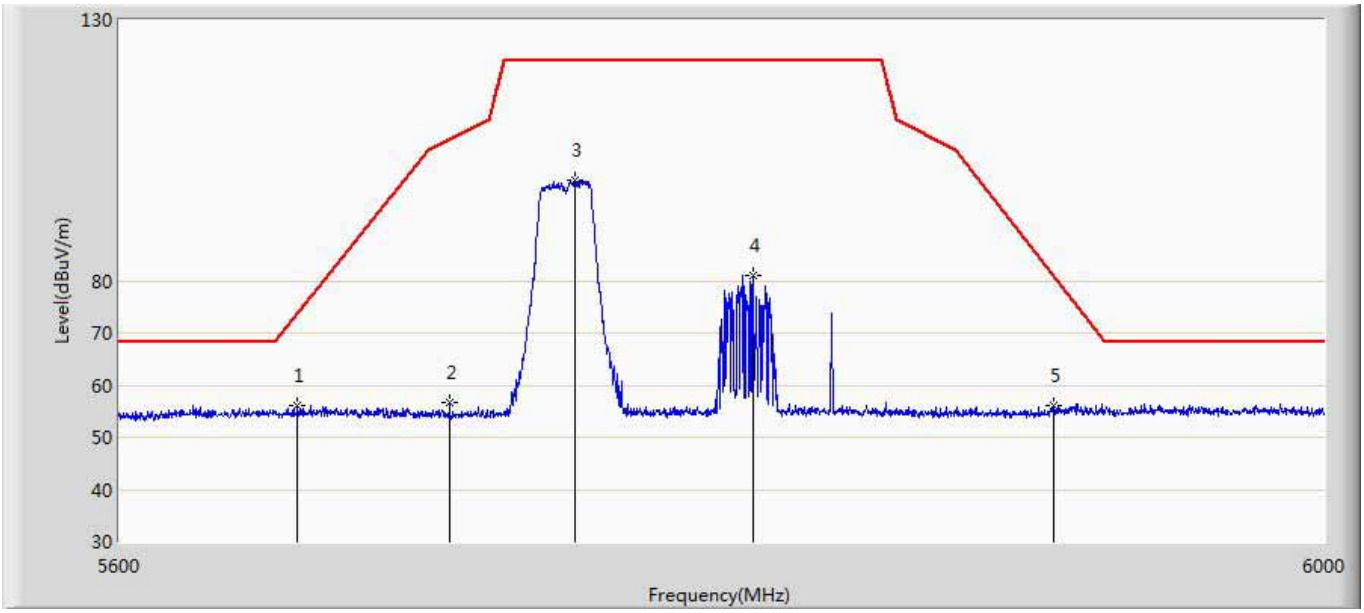
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.200	66.082	23.941	-2.118	68.200	42.141	PK
2		5764.600	79.462	37.164	-42.738	122.200	42.298	PK
3	*	5819.600	120.422	78.113	-1.778	122.200	42.309	PK
4		5875.600	62.155	19.676	-42.601	104.756	42.479	PK
5		5918.200	61.282	18.676	-11.950	73.232	42.605	PK

Profile: 1732120R	Page No.: 49
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5745 by 802.11n20 Ant0	



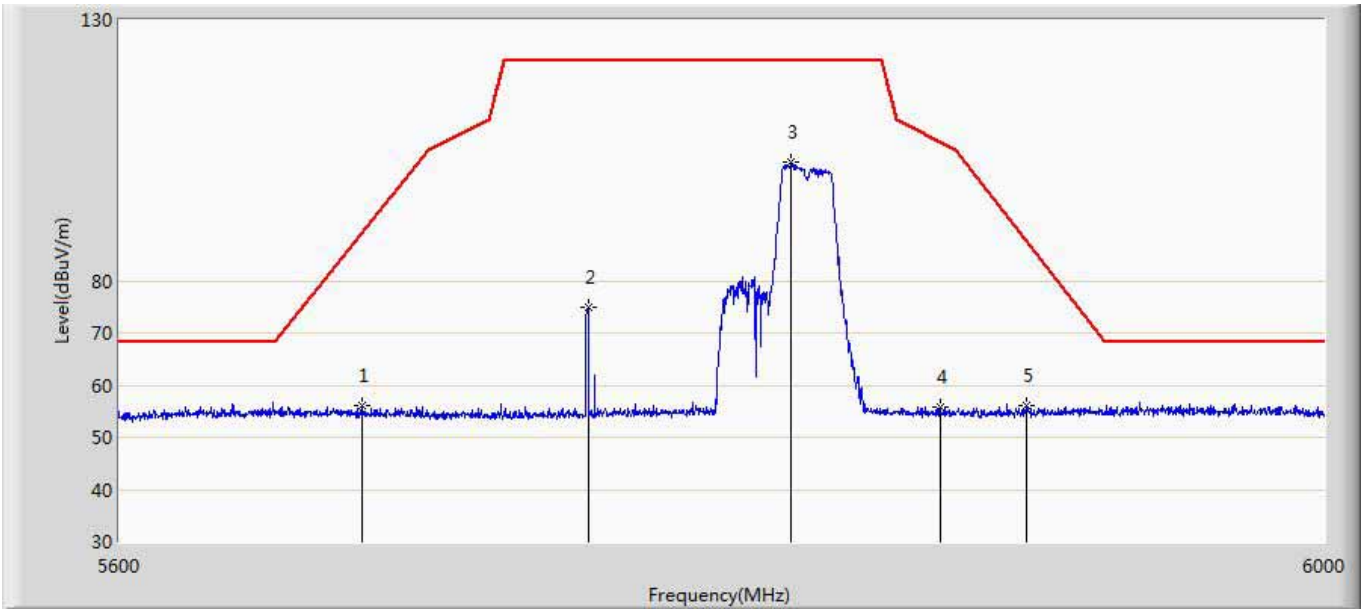
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5662.600	63.276	21.046	-14.248	77.524	42.229	PK
2		5697.000	63.168	20.943	-39.812	102.980	42.225	PK
3	*	5742.000	120.243	78.047	-1.957	122.200	42.196	PK
4		5804.400	79.292	36.983	-42.908	122.200	42.309	PK
5		5886.000	60.187	17.712	-36.873	97.060	42.474	PK

Profile: 1732120R	Page No.: 50
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:35
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5745 by 802.11n20 Ant0	



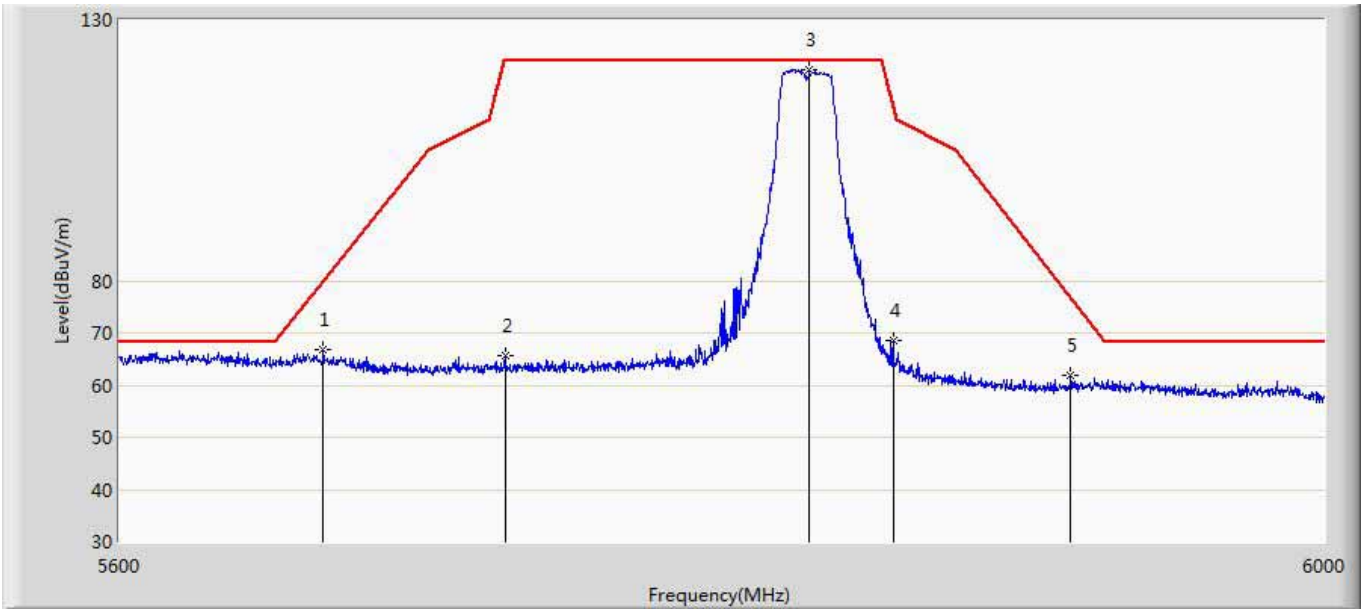
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5657.400	56.043	13.805	-17.633	73.676	42.238	PK
2		5707.000	56.714	14.493	-50.446	107.160	42.221	PK
3		5748.200	99.368	57.144	-22.832	122.200	42.224	PK
4		5807.000	81.102	38.794	-41.098	122.200	42.308	PK
5		5907.800	56.148	13.552	-24.780	80.928	42.597	PK

Profile: 1732120R	Page No.: 51
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:37
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5825 by 802.11n20 Ant0	



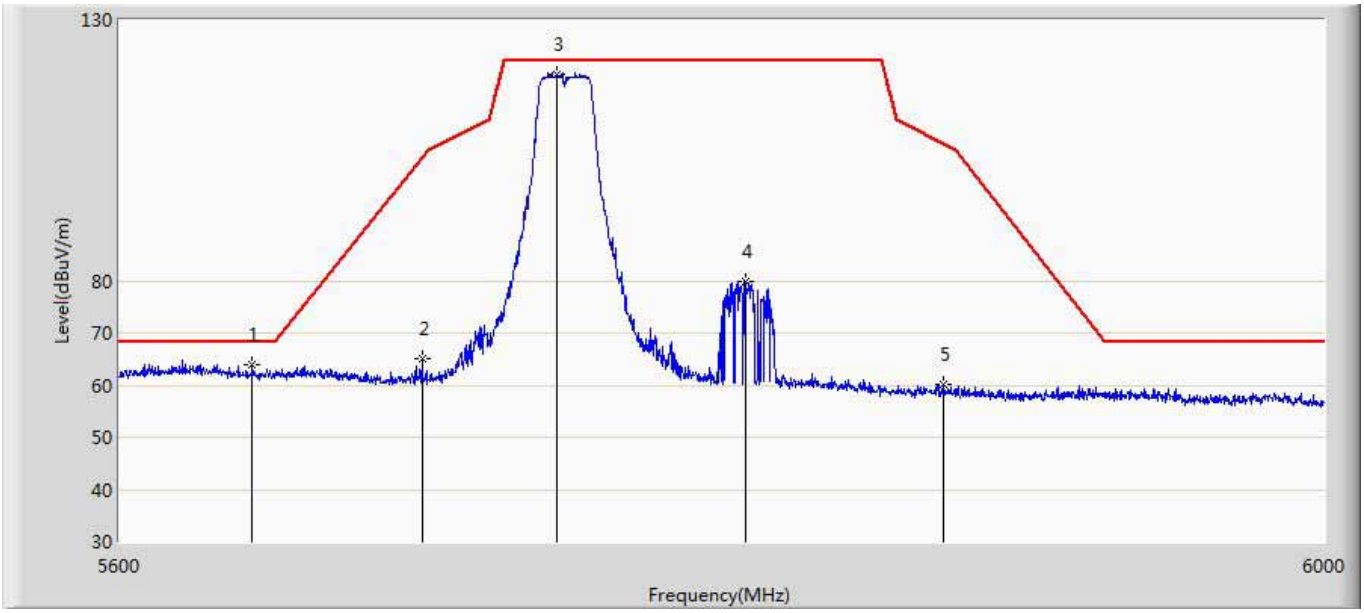
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5678.400	56.022	13.820	-33.194	89.216	42.202	PK
2		5752.400	75.049	32.798	-47.151	122.200	42.251	PK
3	*	5819.600	102.768	60.459	-19.432	122.200	42.309	PK
4		5869.600	55.685	13.227	-51.027	106.712	42.458	PK
5		5898.600	56.025	13.541	-31.711	87.736	42.484	PK

Profile: 1732120R	Page No.: 52
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:39
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 14:Transmit at 5825 by 802.11n20 Ant0	



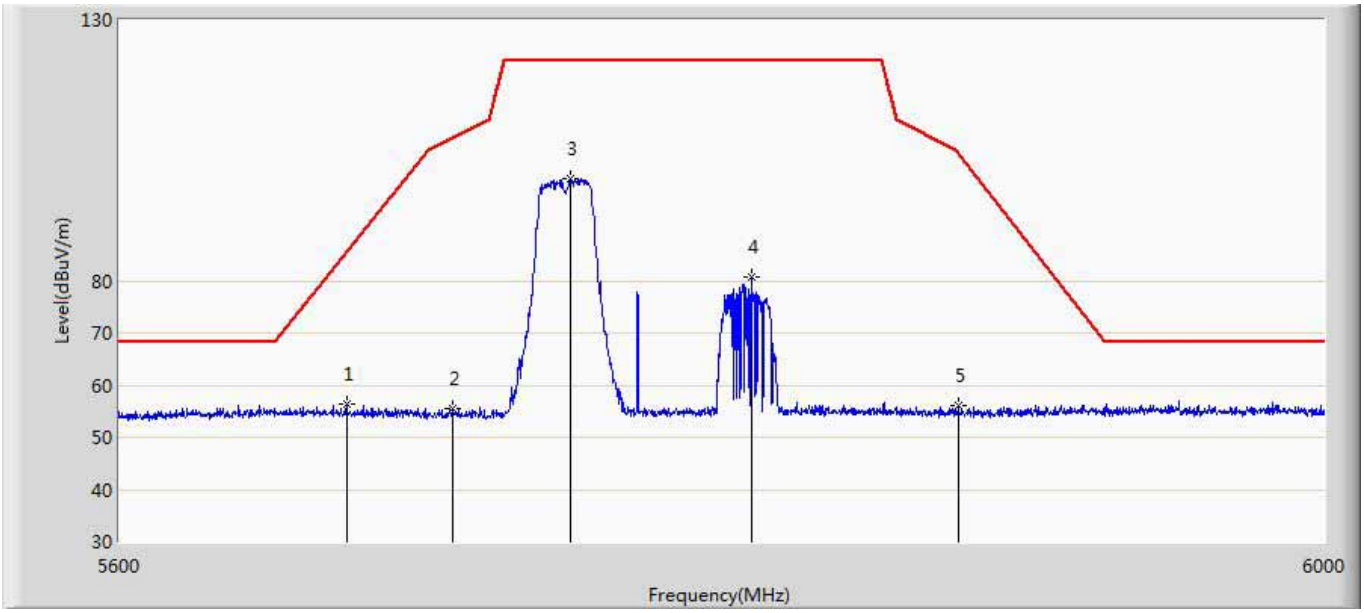
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5665.800	66.795	24.574	-13.097	79.892	42.221	PK
2		5725.200	65.754	23.473	-56.446	122.200	42.281	PK
3	*	5825.800	120.544	78.232	-1.656	122.200	42.312	PK
4		5853.800	68.547	26.129	-44.989	113.536	42.418	PK
5		5913.600	61.831	19.177	-14.805	76.636	42.654	PK

Profile: 1732120R	Page No.: 53
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5745 by 802.11ac20 Ant0	



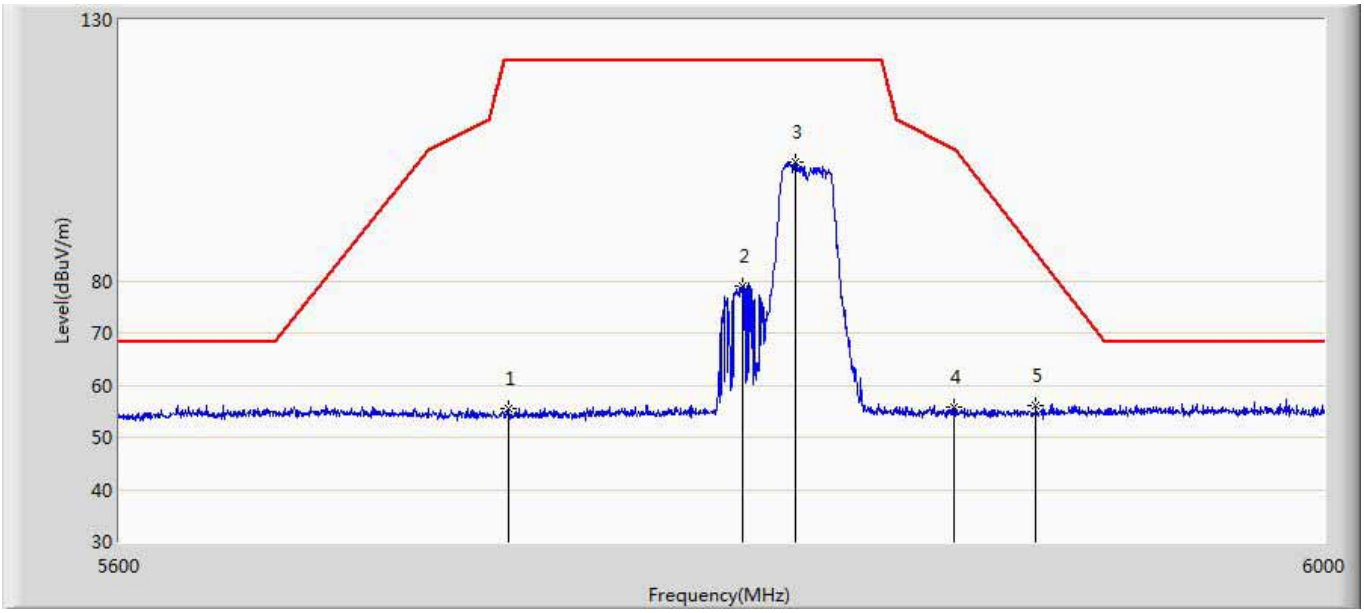
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5643.000	64.045	21.899	-4.155	68.200	42.146	PK
2		5698.000	65.160	22.935	-38.560	103.720	42.224	PK
3	*	5742.400	119.658	77.465	-2.542	122.200	42.193	PK
4		5804.400	79.851	37.542	-42.349	122.200	42.309	PK
5		5870.600	60.047	17.586	-46.385	106.432	42.461	PK

Profile: 1732120R	Page No.: 54
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:45
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5745 by 802.11ac20 Ant0	



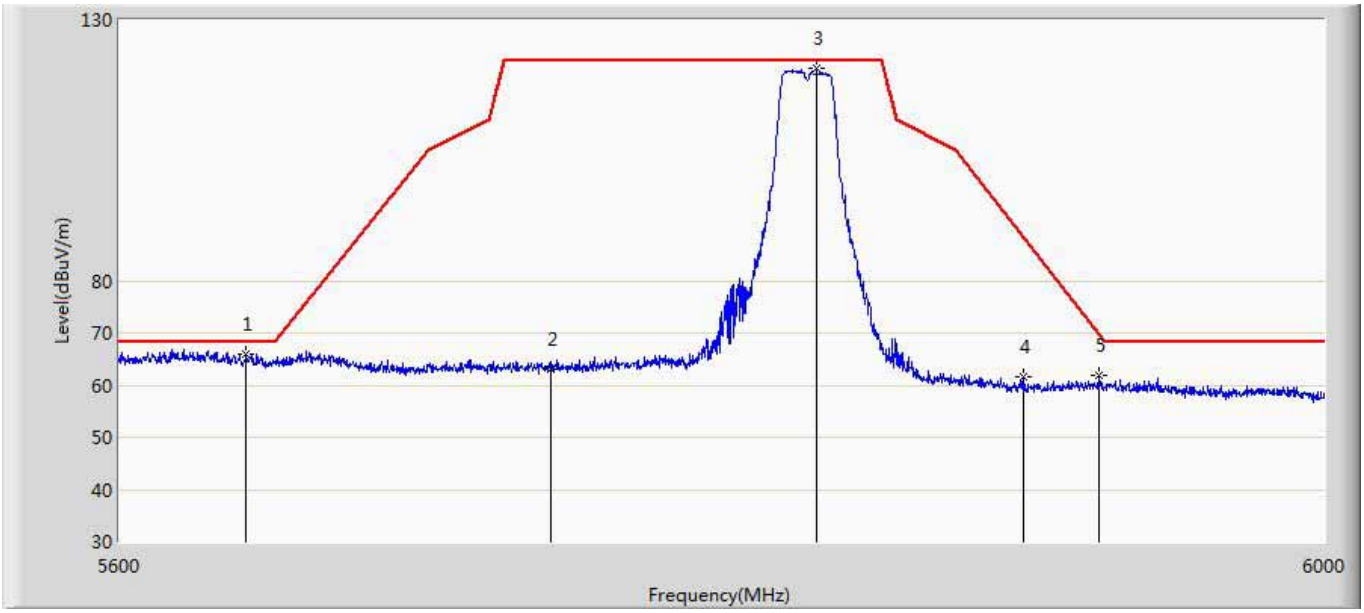
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5673.400	56.392	14.192	-29.124	85.516	42.201	PK
2		5708.200	55.445	13.225	-52.051	107.496	42.220	PK
3	*	5746.800	99.429	57.214	-22.771	122.200	42.214	PK
4		5806.400	80.626	38.318	-41.574	122.200	42.308	PK
5		5875.800	56.139	13.659	-48.469	104.608	42.479	PK

Profile: 1732120R	Page No.: 55
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:47
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5825 by 802.11ac20 Ant0	



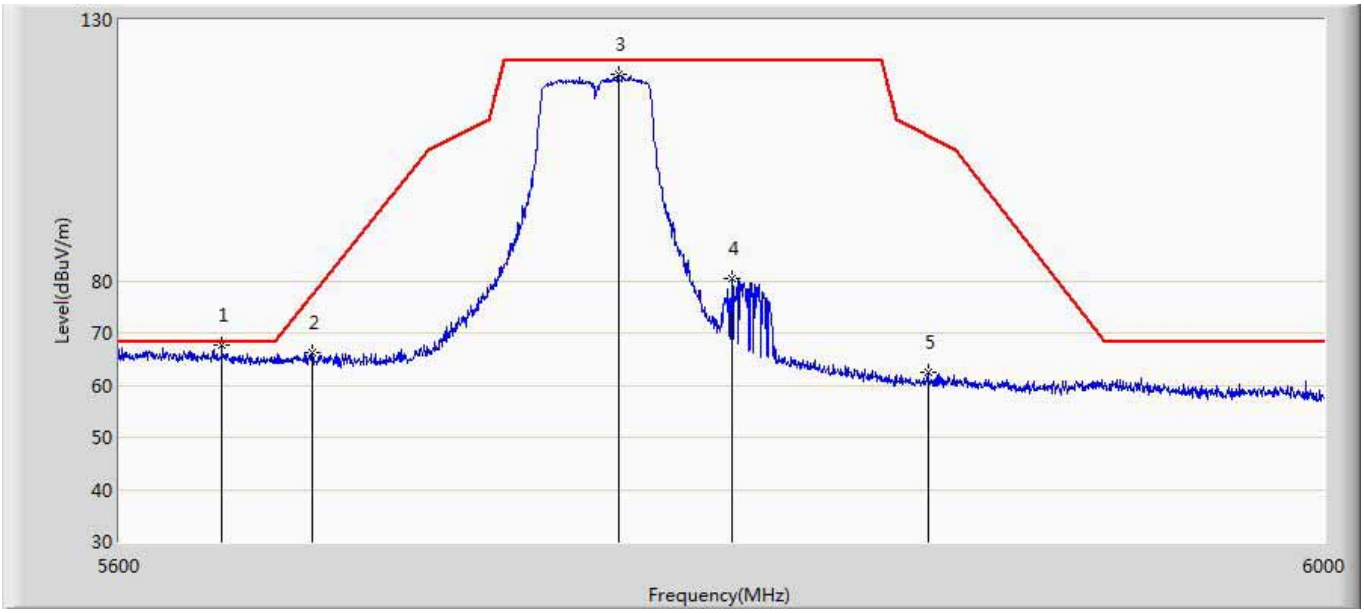
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5726.200	55.527	13.244	-66.673	122.200	42.283	PK
2		5803.800	78.981	36.671	-43.219	122.200	42.309	PK
3	*	5821.400	102.874	60.564	-19.326	122.200	42.310	PK
4		5874.000	55.771	13.298	-49.709	105.480	42.473	PK
5		5901.800	56.040	13.517	-29.328	85.368	42.523	PK

Profile: 1732120R	Page No.: 56
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:49
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5825 by 802.11ac20 Ant0	



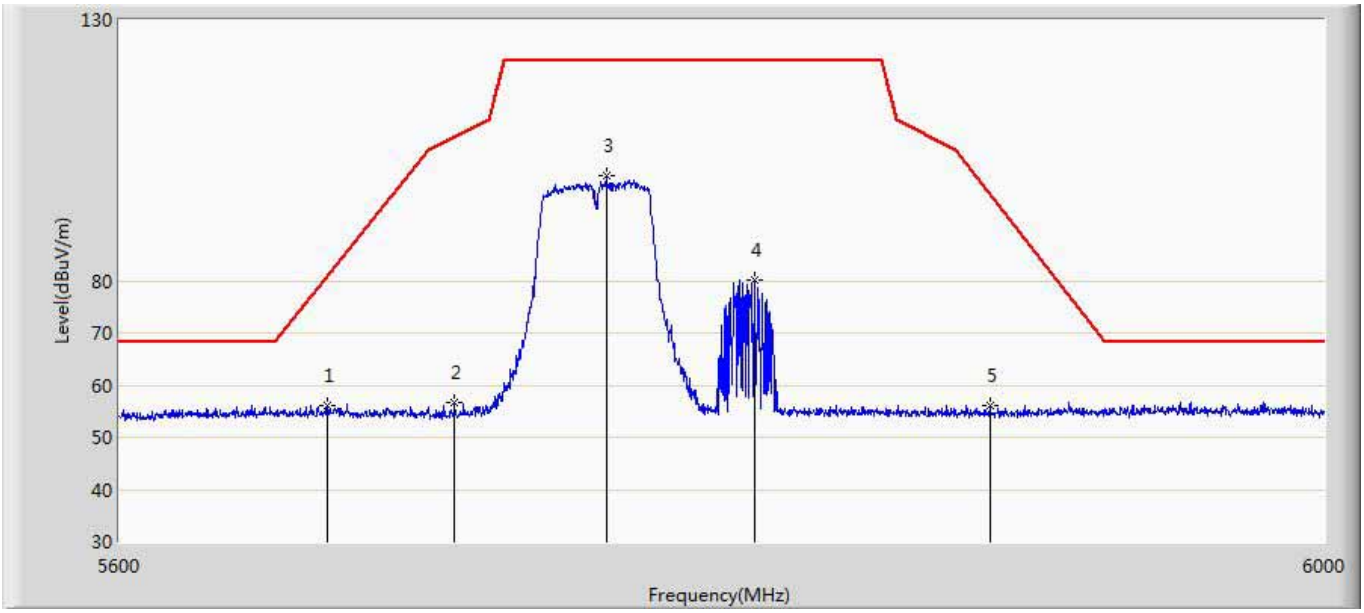
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5641.000	65.943	23.810	-2.257	68.200	42.133	PK
2		5740.000	63.017	20.810	-59.183	122.200	42.207	PK
3	*	5828.200	120.628	78.314	-1.572	122.200	42.314	PK
4		5897.400	61.565	19.096	-27.059	88.624	42.469	PK
5		5923.400	61.899	19.348	-7.485	69.384	42.551	PK

Profile: 1732120R	Page No.: 57
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:51
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5755 by 802.11n40 Ant0	



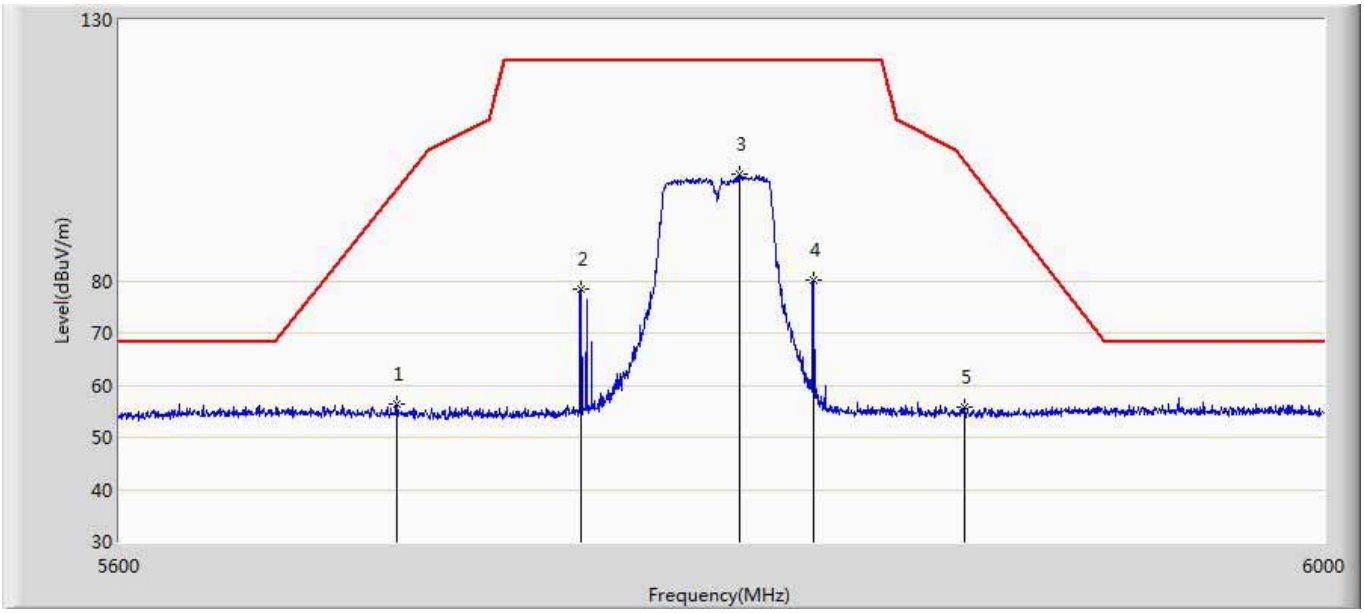
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5633.000	67.591	25.386	-0.609	68.200	42.205	PK
2		5662.200	66.298	24.067	-10.930	77.228	42.231	PK
3		5762.400	119.506	77.207	-2.694	122.200	42.299	PK
4		5800.200	80.483	38.171	-41.717	122.200	42.312	PK
5		5865.400	62.500	20.057	-45.388	107.888	42.443	PK

Profile: 1732120R	Page No.: 58
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5755 by 802.11n40 Ant0	



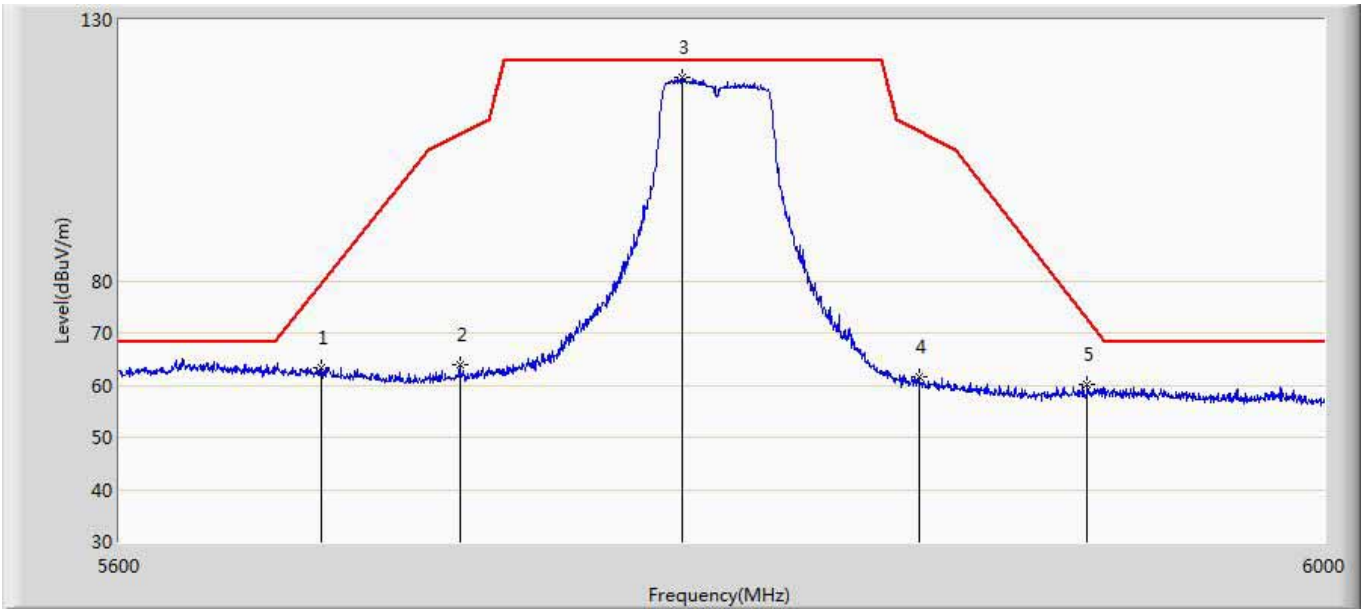
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5667.400	56.048	13.831	-25.028	81.076	42.216	PK
2		5708.600	56.709	14.489	-50.899	107.608	42.220	PK
3	*	5758.400	100.145	57.854	-22.055	122.200	42.291	PK
4		5807.800	80.226	37.919	-41.974	122.200	42.307	PK
5		5886.200	56.006	13.532	-40.906	96.912	42.475	PK

Profile: 1732120R	Page No.: 59
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 01:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5795 by 802.11n40 Ant0	



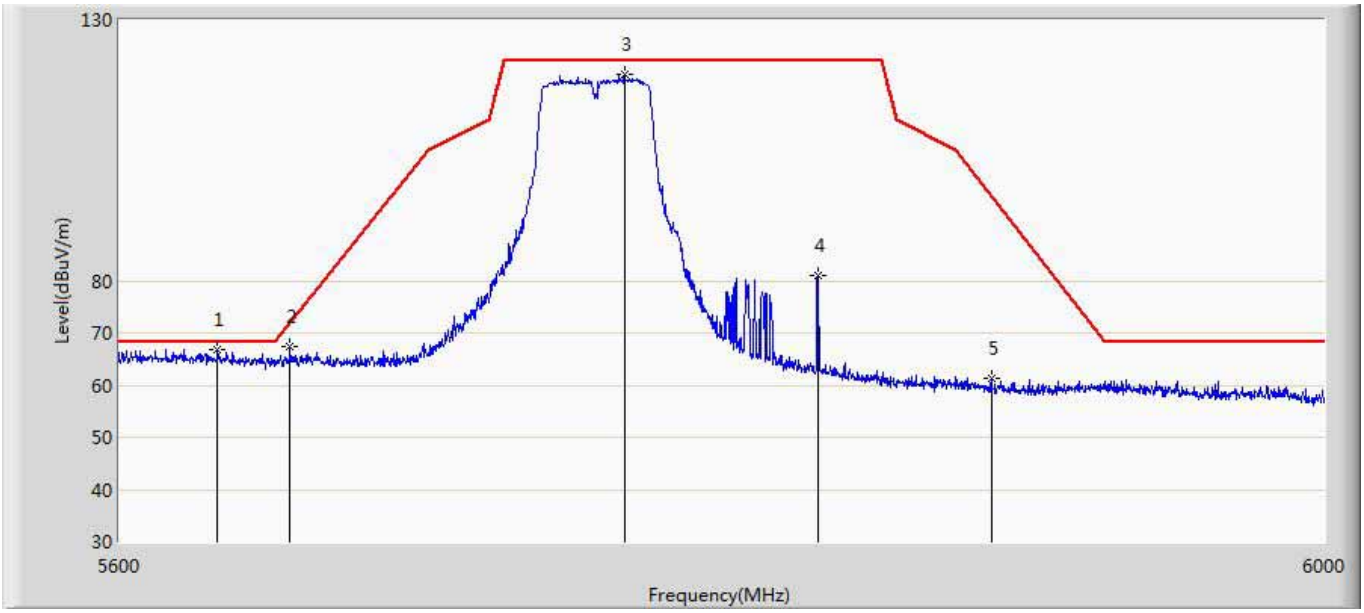
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5690.000	56.249	14.026	-41.551	97.800	42.223	PK
2		5750.000	78.334	36.098	-43.866	122.200	42.236	PK
3	*	5802.800	100.416	58.106	-21.784	122.200	42.310	PK
4		5827.000	80.043	37.730	-42.157	122.200	42.313	PK
5		5878.000	55.665	13.178	-47.315	102.980	42.488	PK

Profile: 1732120R	Page No.: 60
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5795 by 802.11n40 Ant0	



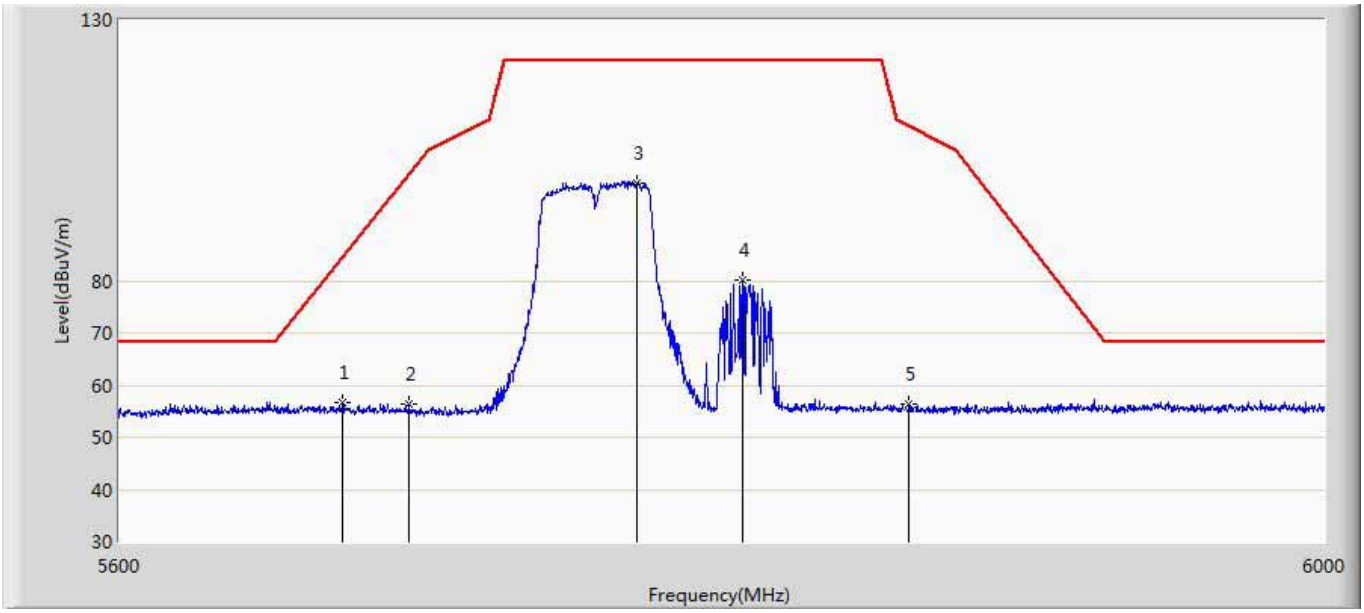
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5665.200	63.412	21.189	-16.036	79.448	42.222	PK
2		5710.400	63.896	21.671	-44.216	108.112	42.225	PK
3	*	5783.400	119.093	76.793	-3.107	122.200	42.300	PK
4		5862.400	61.518	19.086	-47.210	108.728	42.433	PK
5		5919.200	60.045	17.450	-12.447	72.492	42.595	PK

Profile: 1732120R	Page No.: 61
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5755 by 802.11ac40 Ant0	



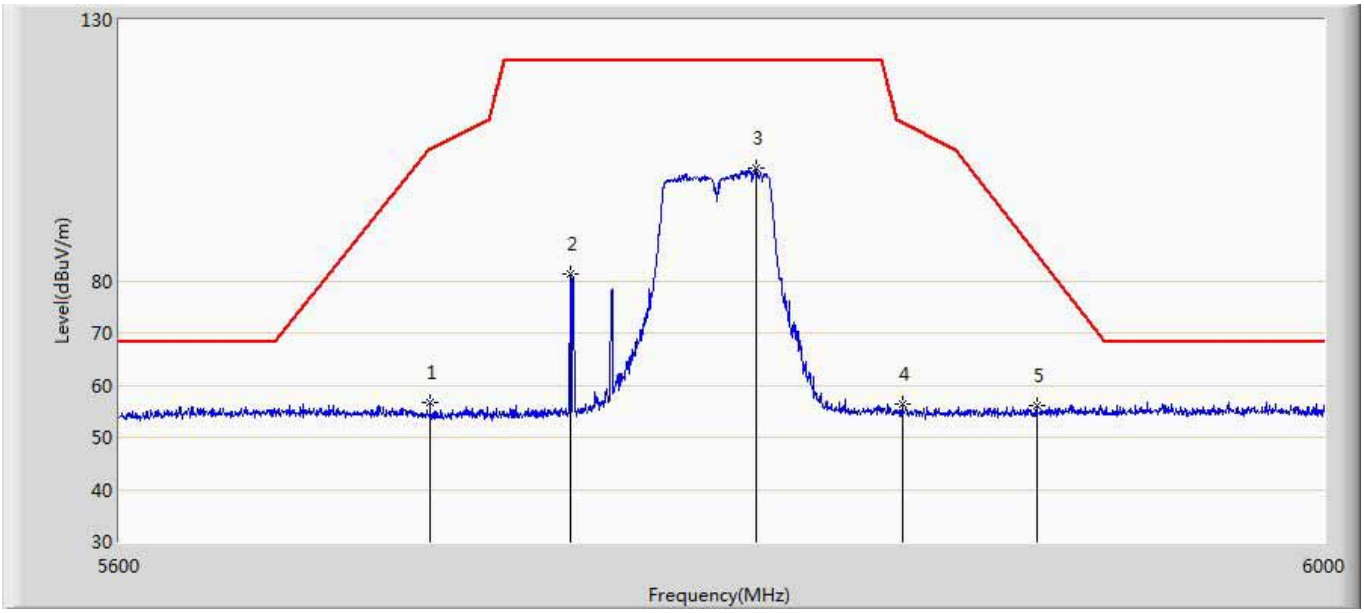
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5631.600	66.881	24.663	-1.319	68.200	42.217	PK
2		5655.200	67.269	25.045	-4.779	72.048	42.224	PK
3		5764.400	119.455	77.157	-2.745	122.200	42.298	PK
4		5828.600	81.031	38.715	-41.169	122.200	42.316	PK
5		5886.800	61.278	18.805	-35.190	96.468	42.474	PK

Profile: 1732120R	Page No.: 62
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:08
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5755 by 802.11ac40 Ant0	



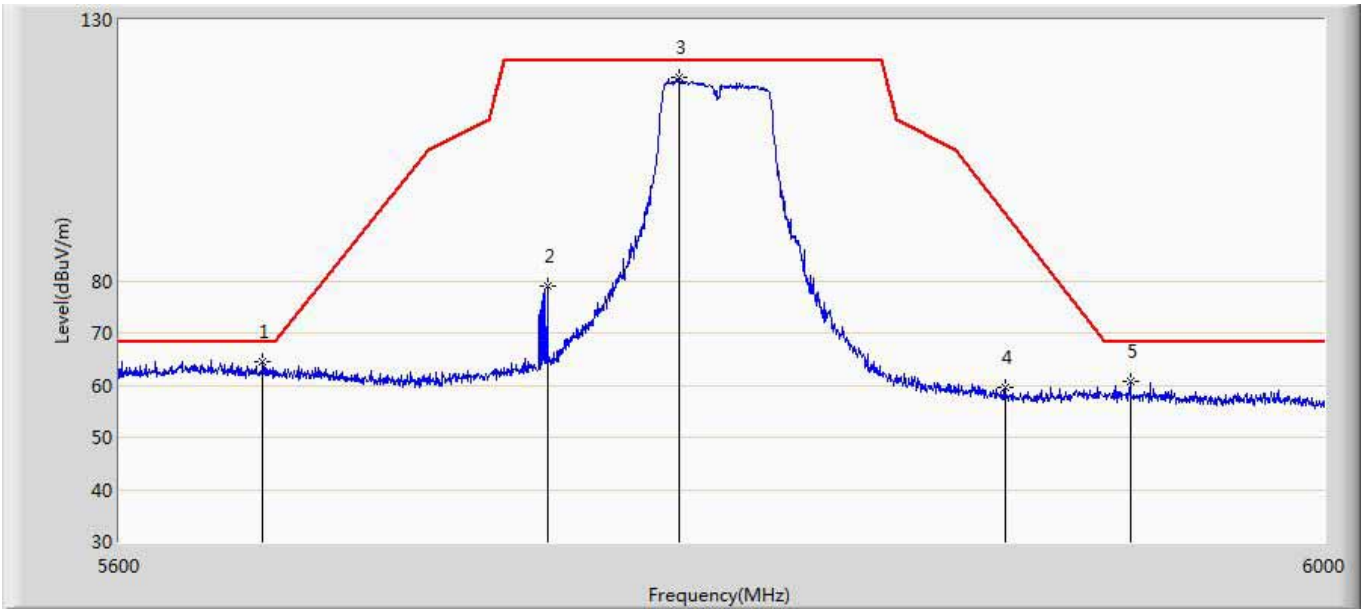
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5672.200	56.634	14.430	-27.994	84.628	42.204	PK
2		5693.800	56.255	14.029	-44.357	100.612	42.227	PK
3	*	5768.400	98.818	56.522	-23.382	122.200	42.296	PK
4		5803.800	80.181	37.871	-42.019	122.200	42.309	PK
5		5859.200	56.384	13.957	-53.240	109.624	42.427	PK

Profile: 1732120R	Page No.: 63
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:16
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5795 by 802.11ac40 Ant0	



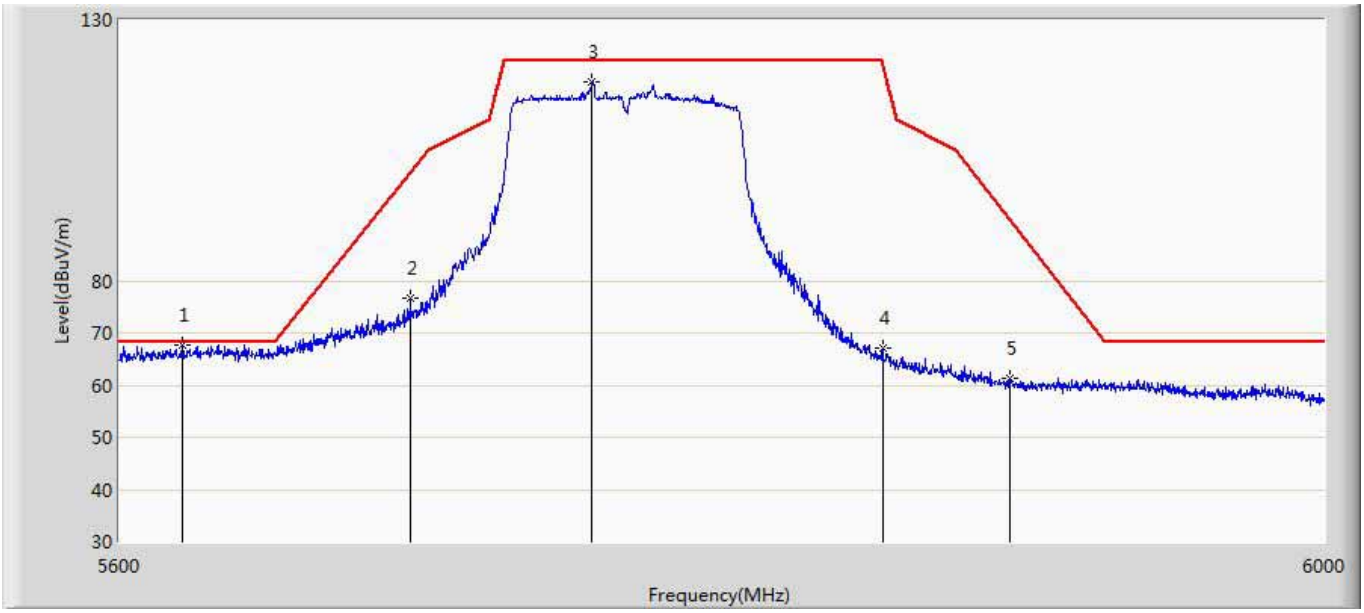
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5700.600	56.662	14.439	-48.706	105.368	42.223	PK
2		5746.600	81.385	39.171	-40.815	122.200	42.213	PK
3	*	5808.000	101.630	59.323	-20.570	122.200	42.307	PK
4		5857.000	56.395	13.972	-53.845	110.240	42.423	PK
5		5902.200	56.115	13.587	-28.957	85.072	42.528	PK

Profile: 1732120R	Page No.: 64
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:18
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 17:Transmit at 5795 by 802.11ac40 Ant0	



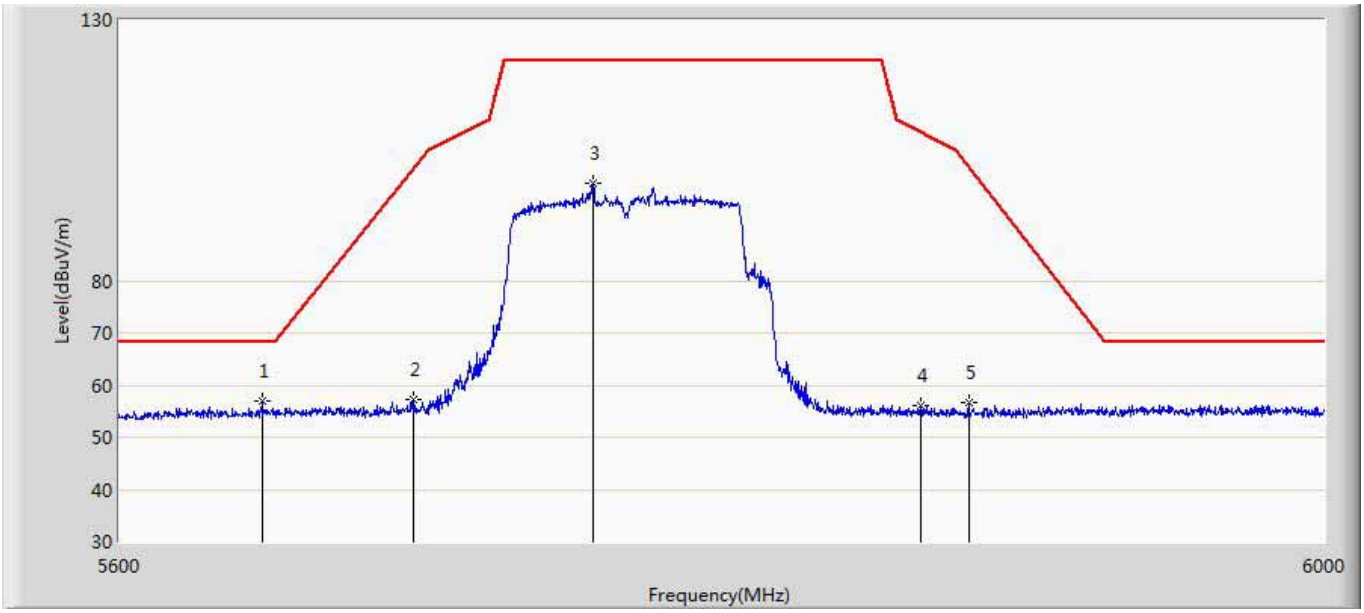
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.400	64.485	22.317	-3.715	68.200	42.168	PK
2		5739.200	78.966	36.755	-43.234	122.200	42.211	PK
3	*	5782.600	118.886	76.587	-3.314	122.200	42.299	PK
4		5891.400	59.658	17.195	-33.406	93.064	42.463	PK
5		5933.800	60.693	18.155	-7.507	68.200	42.538	PK

Profile: 1732120R	Page No.: 65
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5775 by 802.11ac80 Ant0	



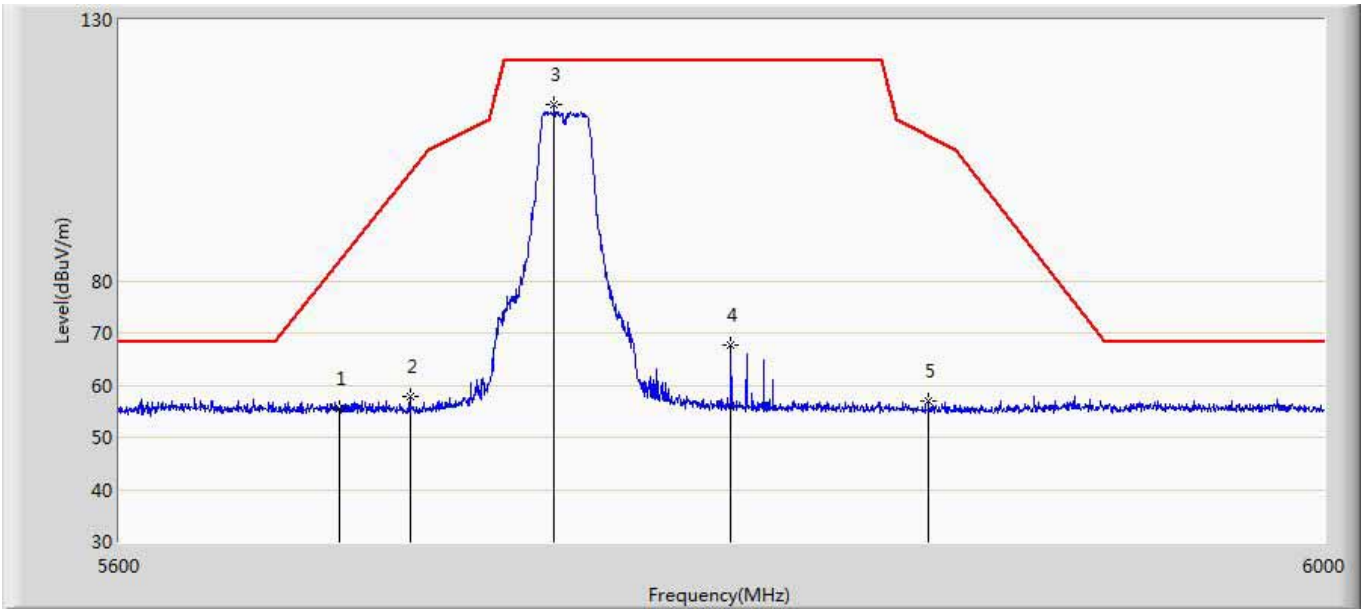
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5620.400	67.773	25.520	-0.427	68.200	42.253	PK
2		5694.200	76.773	34.547	-24.135	100.908	42.226	PK
3		5753.600	118.093	75.834	-4.107	122.200	42.259	PK
4		5850.200	67.117	24.705	-54.627	121.744	42.412	PK
5		5893.200	61.223	18.765	-30.509	91.732	42.458	PK

Profile: 1732120R	Page No.: 66
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 18:Transmit at 5775 by 802.11ac80 Ant0	



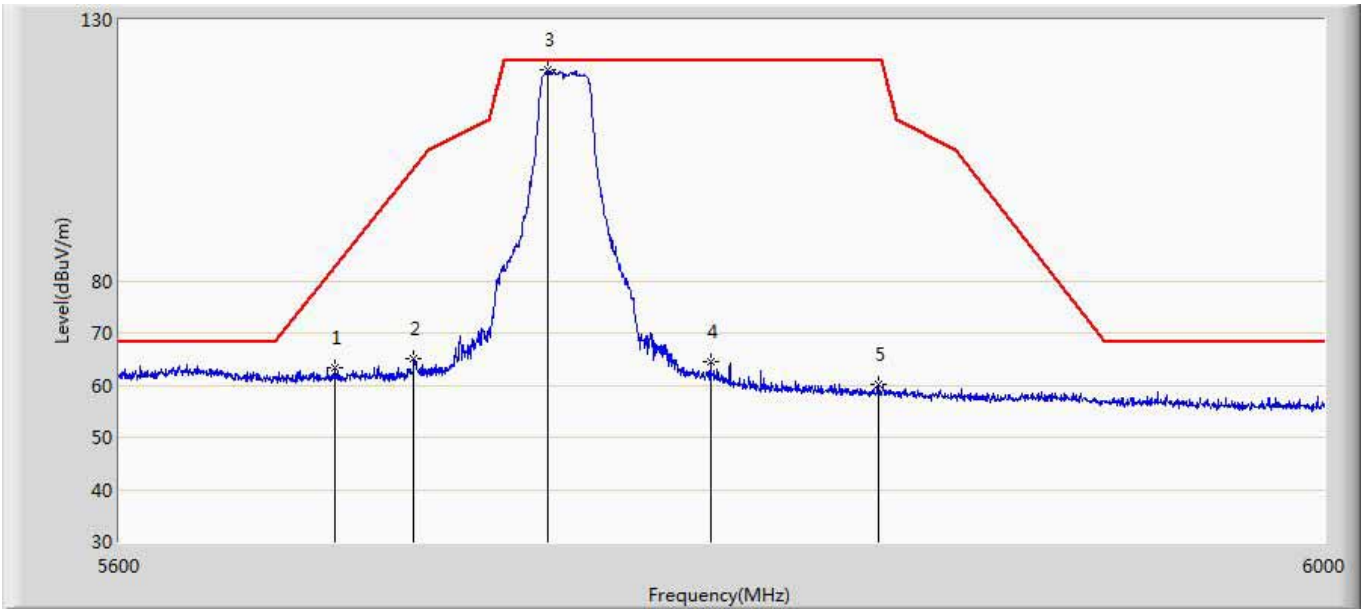
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5646.000	57.003	14.838	-11.197	68.200	42.165	PK
2		5695.400	57.314	15.088	-44.482	101.796	42.226	PK
3		5754.000	98.793	56.531	-23.407	122.200	42.262	PK
4		5863.000	56.022	13.587	-52.538	108.560	42.434	PK
5		5879.200	56.807	14.316	-45.285	102.092	42.490	PK

Engineer: Rony	
Site: AC5	Time: 2017/05/16 - 05:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 36:Transmit at 5745 by a Band 4 Ant1	



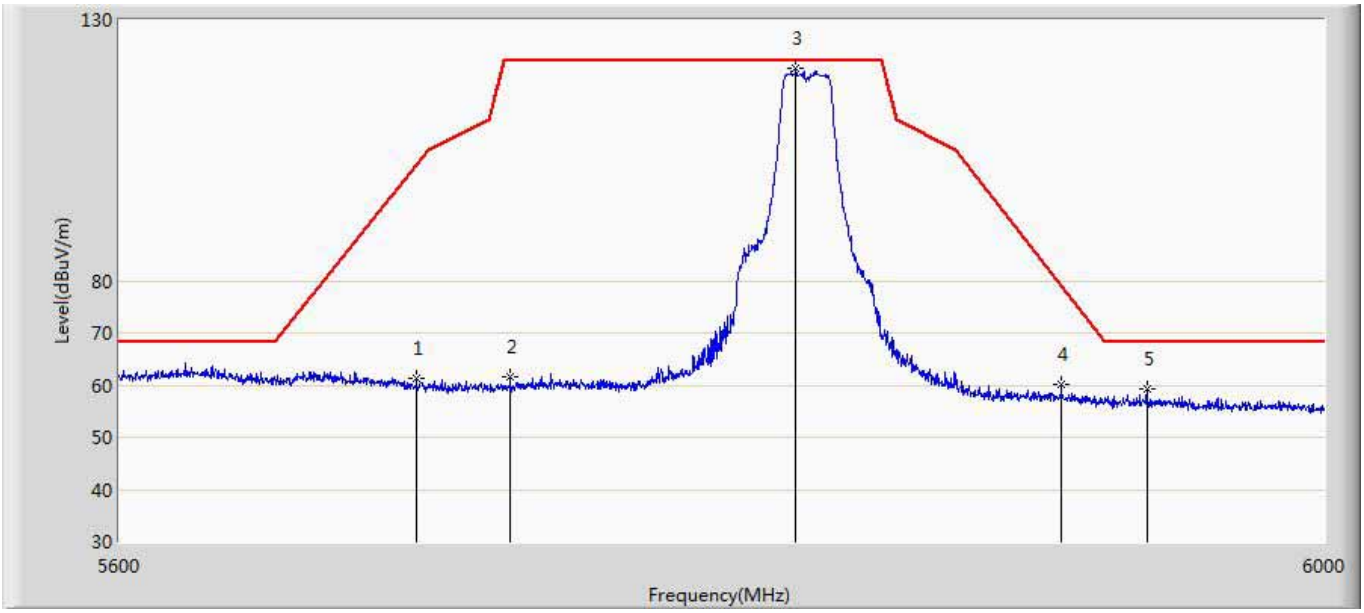
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5671.000	55.627	13.420	-28.113	83.740	42.206	PK
2		5694.000	57.831	15.605	-42.929	100.760	42.226	PK
3	*	5741.400	113.666	71.467	-8.534	122.200	42.199	PK
4		5799.800	67.793	25.481	-54.407	122.200	42.312	PK
5		5865.600	57.068	14.624	-50.764	107.832	42.444	PK

Profile: 1732120R	Page No.: 154
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:36
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 36:Transmit at 5745 by a Band 4 Ant1	



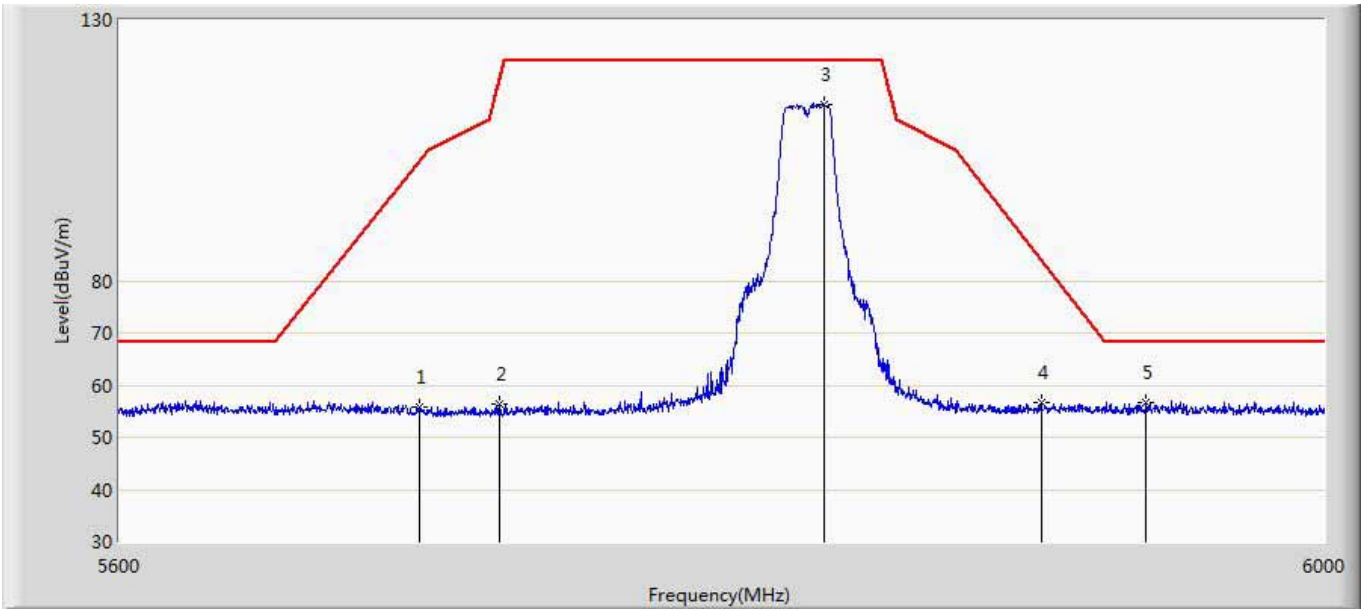
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5669.600	63.209	20.998	-19.495	82.704	42.210	PK
2		5695.400	64.974	22.748	-36.822	101.796	42.226	PK
3	*	5739.000	120.440	78.228	-1.760	122.200	42.212	PK
4		5792.800	64.463	22.149	-57.737	122.200	42.314	PK
5		5848.800	60.005	17.595	-62.195	122.200	42.410	PK

Profile: 1732120R	Page No.: 155
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:40
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 36:Transmit at 5825 by a Band 4 Ant1	



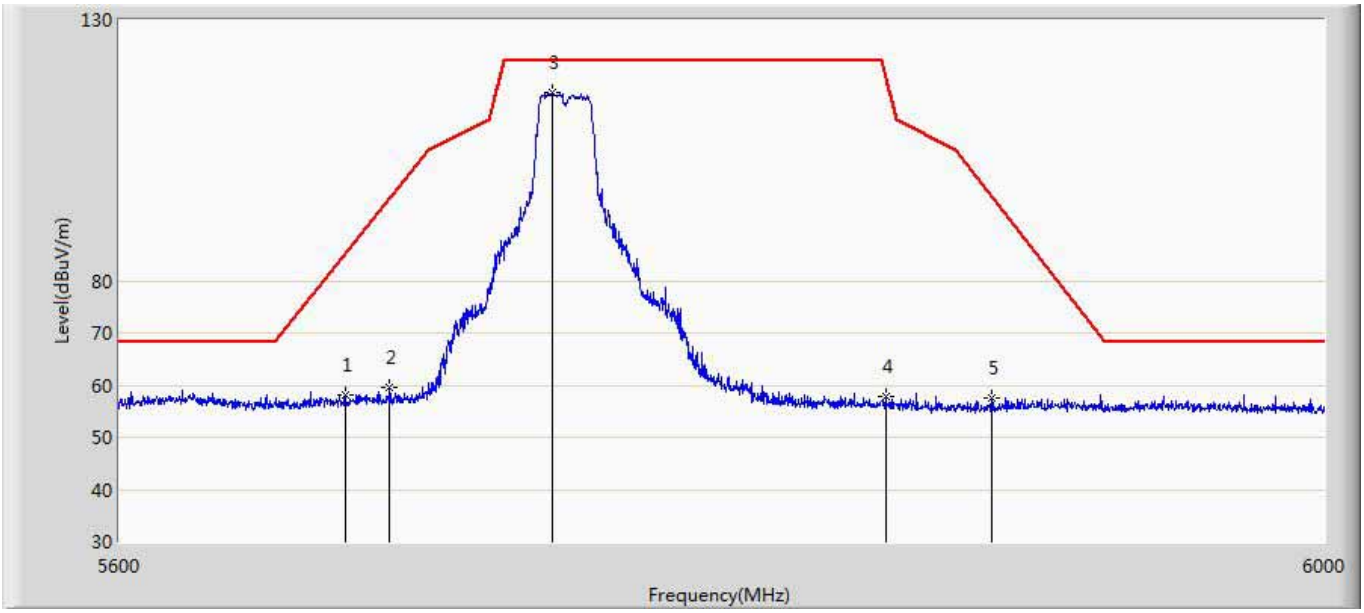
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.200	61.172	18.947	-41.216	102.388	42.225	PK
2		5726.800	61.708	19.428	-60.492	122.200	42.279	PK
3	*	5821.400	120.663	78.353	-1.537	122.200	42.310	PK
4		5910.400	60.078	17.450	-18.926	79.004	42.628	PK
5		5939.400	59.216	16.596	-8.984	68.200	42.620	PK

Profile: 1732120R	Page No.: 156
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:43
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 36:Transmit at 5825 by a Band 4 Ant1	



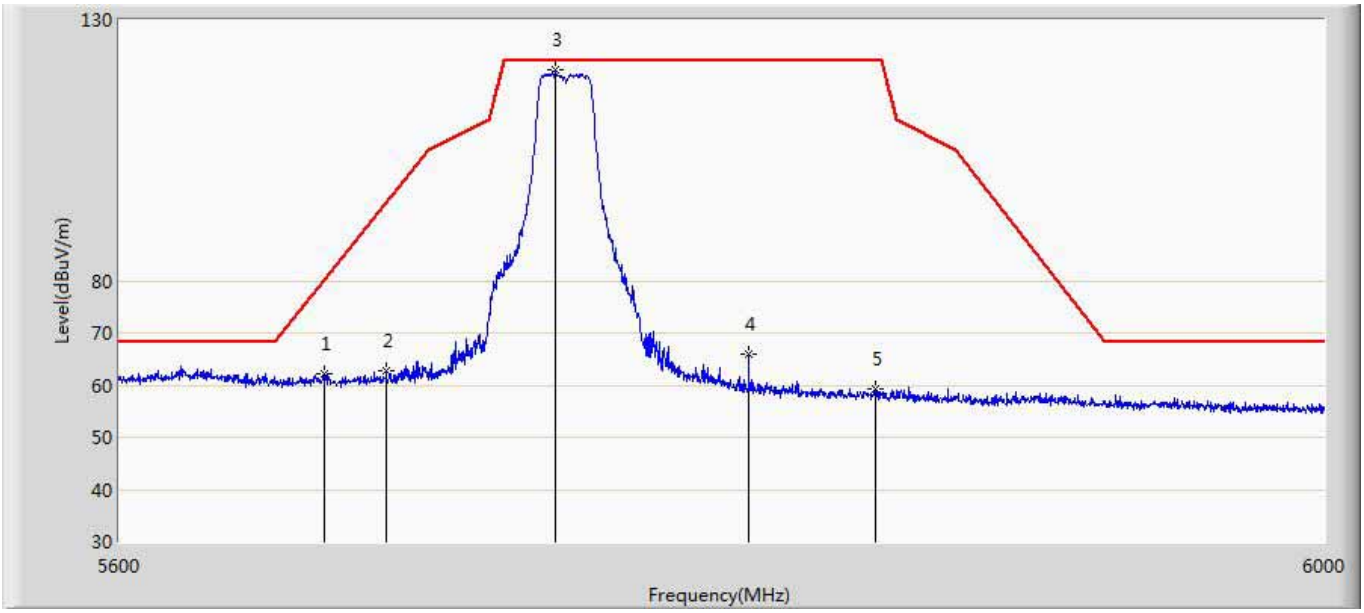
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5697.200	55.781	13.556	-47.347	103.128	42.225	PK
2		5723.200	56.242	13.969	-61.854	118.096	42.273	PK
3	*	5830.600	113.734	71.407	-8.466	122.200	42.327	PK
4		5903.600	56.581	14.036	-27.455	84.036	42.545	PK
5		5939.200	56.556	13.939	-11.644	68.200	42.617	PK

Profile: 1732120R	Page No.: 157
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:45
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 37:Transmit at 5745 by n20 Band 4 Ant1	



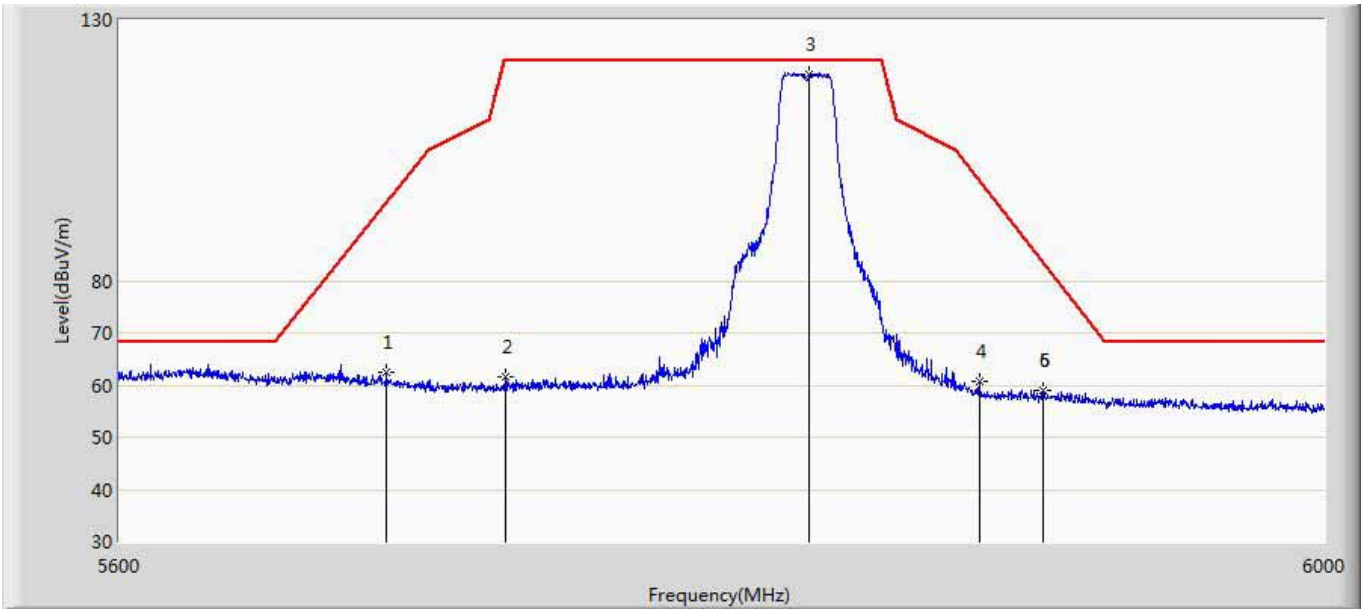
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5673.000	58.117	15.916	-27.103	85.220	42.201	PK
2		5687.400	59.421	17.202	-36.455	95.876	42.219	PK
3	*	5740.600	115.948	73.745	-6.252	122.200	42.204	PK
4		5851.200	57.811	15.397	-61.653	119.464	42.414	PK
5		5887.200	57.665	15.193	-38.507	96.172	42.472	PK

Profile: 1732120R	Page No.: 158
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:53
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 37:Transmit at 5745 by n20 Band 4 Ant1	



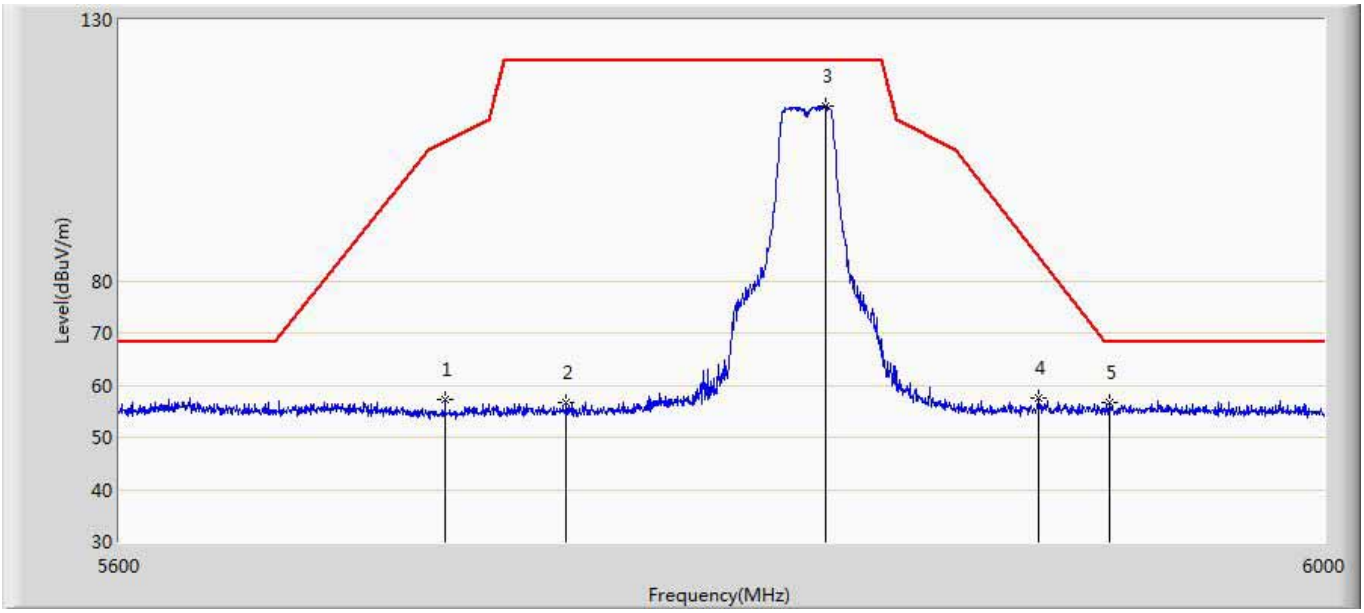
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5666.000	62.311	20.091	-17.729	80.040	42.220	PK
2		5686.400	62.663	20.446	-32.473	95.136	42.217	PK
3	*	5741.800	120.507	78.310	-1.693	122.200	42.196	PK
4		5805.600	65.952	23.644	-56.248	122.200	42.309	PK
5		5847.800	59.231	16.823	-62.969	122.200	42.408	PK

Profile: 1732120R	Page No.: 159
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:55
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 37:Transmit at 5825 by n20 Band 4 Ant1	



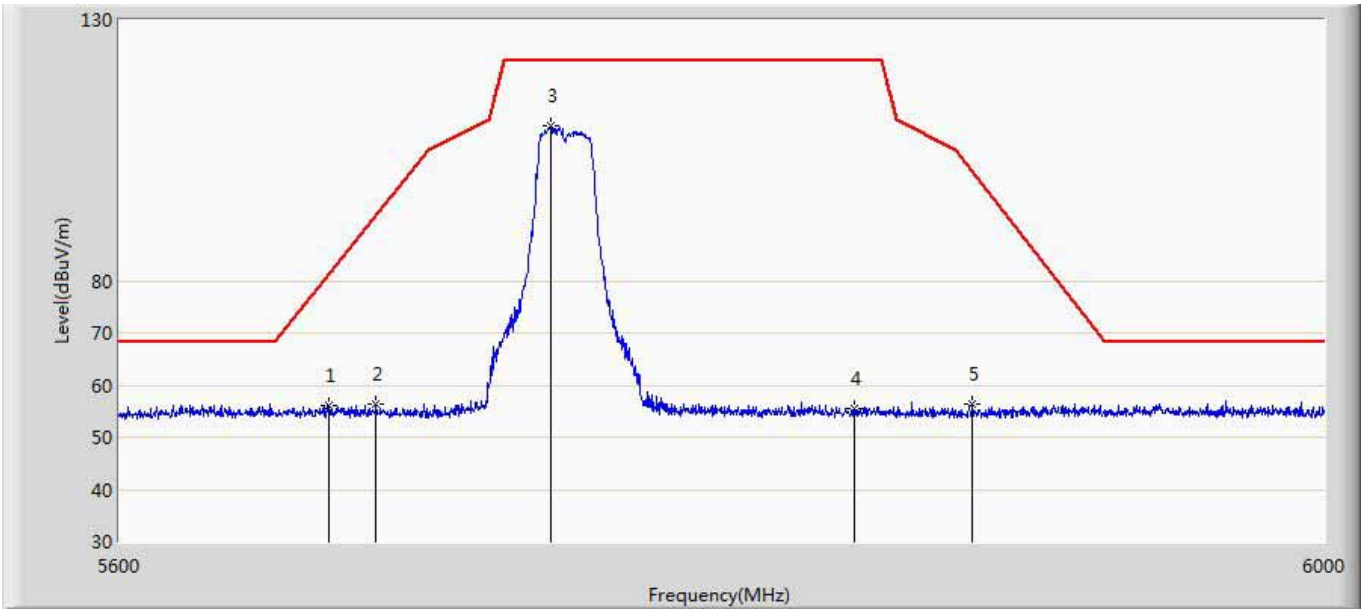
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5686.600	62.408	20.191	-32.876	95.284	42.217	PK
2		5725.400	61.577	19.295	-60.623	122.200	42.282	PK
3	*	5825.800	119.672	77.360	-2.528	122.200	42.312	PK
4		5882.800	60.855	18.373	-38.573	99.428	42.482	PK
5		5904.400	59.011	16.456	-24.433	83.444	42.555	PK
6		5904.400	59.011	16.456	-24.433	83.444	42.555	PK

Profile: 1732120R	Page No.: 160
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:58
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 37:Transmit at 5825 by n20 Band 4 Ant1	



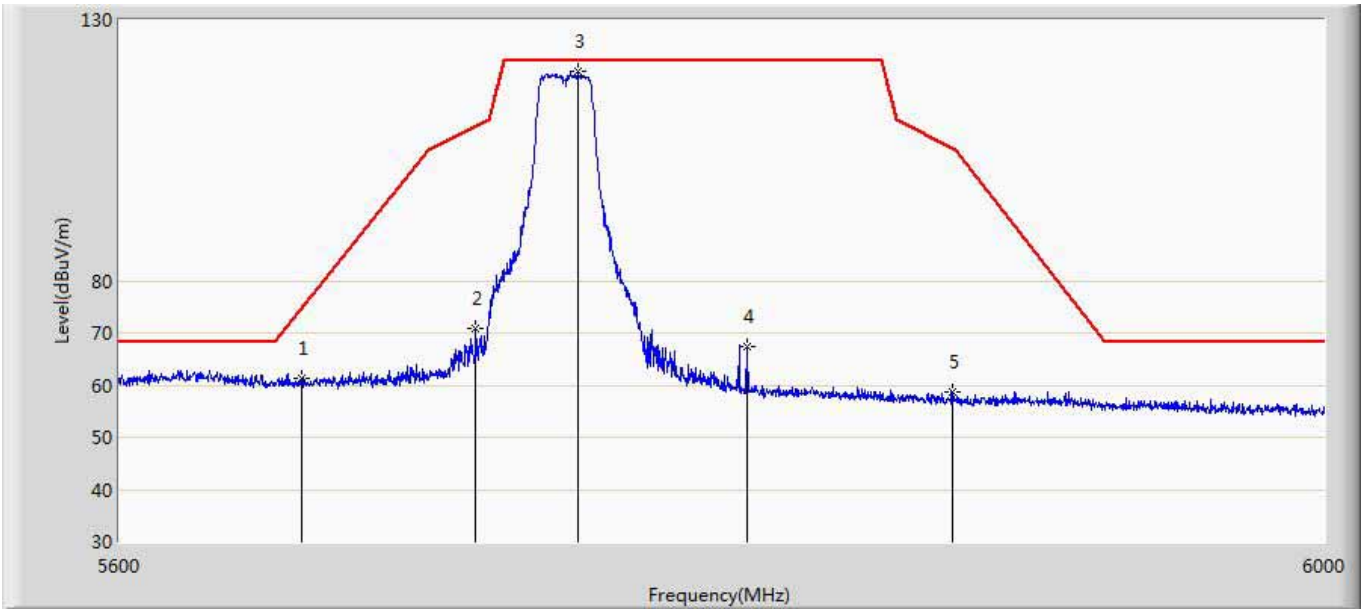
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5705.600	57.197	14.976	-49.571	106.768	42.221	PK
2		5745.200	56.679	14.475	-65.521	122.200	42.204	PK
3	*	5831.200	113.444	71.114	-8.756	122.200	42.331	PK
4		5903.000	57.496	14.958	-26.984	84.480	42.538	PK
5		5926.600	56.593	14.075	-11.607	68.200	42.517	PK

Profile: 1732120R	Page No.: 161
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 05:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 38:Transmit at 5745 by ac20 Band 4 Ant1	



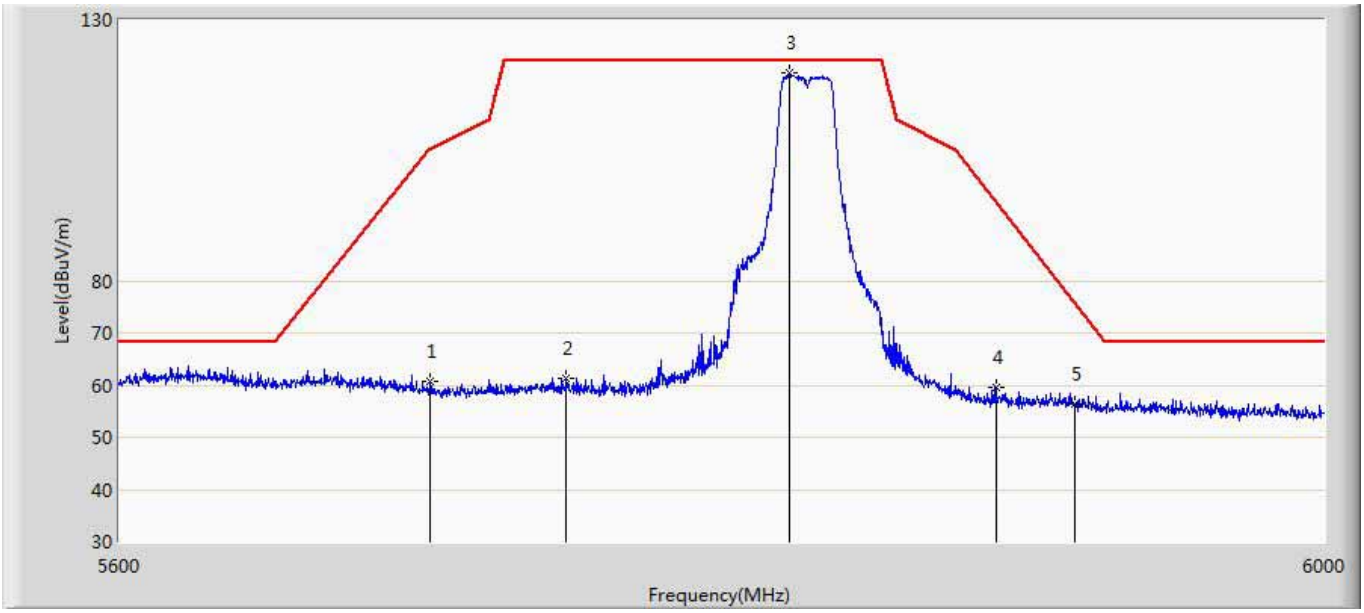
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5667.800	56.065	13.850	-25.307	81.372	42.216	PK
2		5683.000	56.354	14.143	-36.266	92.620	42.210	PK
3	*	5740.000	109.675	67.468	-12.525	122.200	42.207	PK
4		5840.600	55.652	13.272	-66.548	122.200	42.381	PK
5		5880.400	56.276	13.788	-44.928	101.204	42.488	PK

Profile: 1732120R	Page No.: 162
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 38:Transmit at 5745 by ac20 Band 4 Ant1	



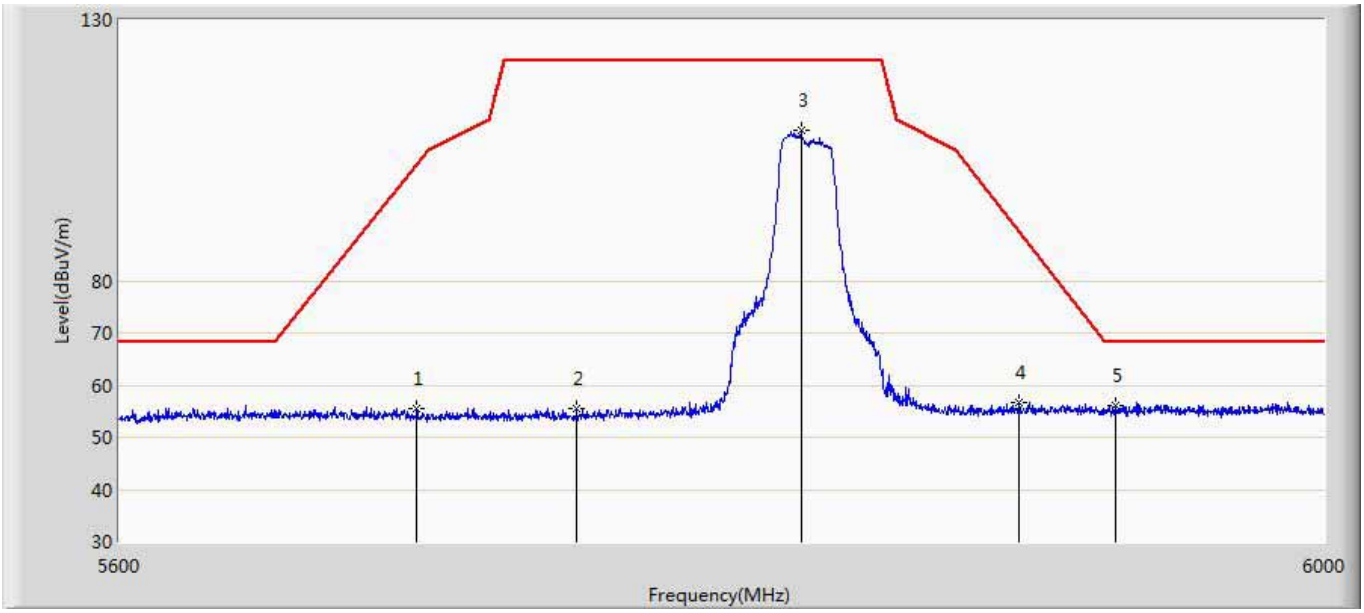
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5658.800	61.331	19.091	-13.381	74.712	42.240	PK
2		5715.600	70.967	28.722	-38.601	109.568	42.245	PK
3	*	5749.200	120.195	77.965	-2.005	122.200	42.231	PK
4		5805.000	67.318	25.009	-54.882	122.200	42.309	PK
5		5873.800	58.791	16.318	-46.745	105.536	42.473	PK

Profile: 1732120R	Page No.: 163
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:02
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 38:Transmit at 5825 by ac20 Band 4 Ant1	



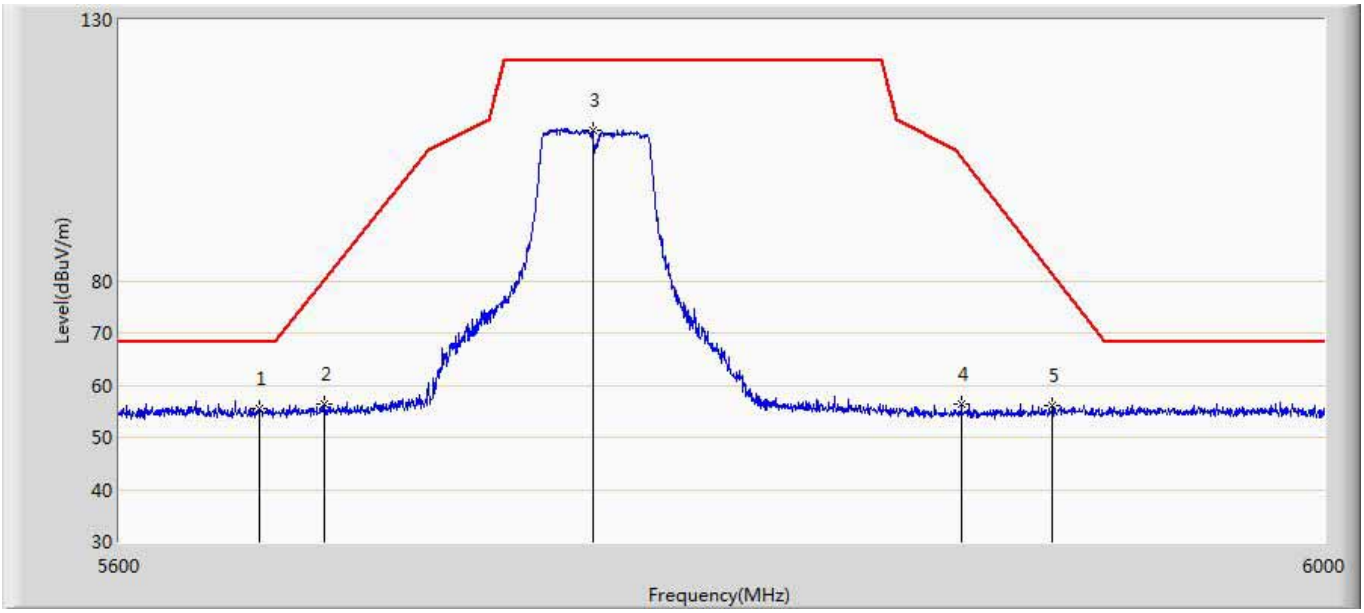
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5700.600	60.627	18.404	-44.741	105.368	42.223	PK
2		5745.400	61.236	19.030	-60.964	122.200	42.205	PK
3	*	5819.000	119.954	77.645	-2.246	122.200	42.308	PK
4		5888.400	59.676	17.207	-35.608	95.284	42.470	PK
5		5914.800	56.291	13.650	-19.457	75.748	42.642	PK

Profile: 1732120R	Page No.: 164
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:03
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 38:Transmit at 5825 by ac20 Band 4 Ant1	



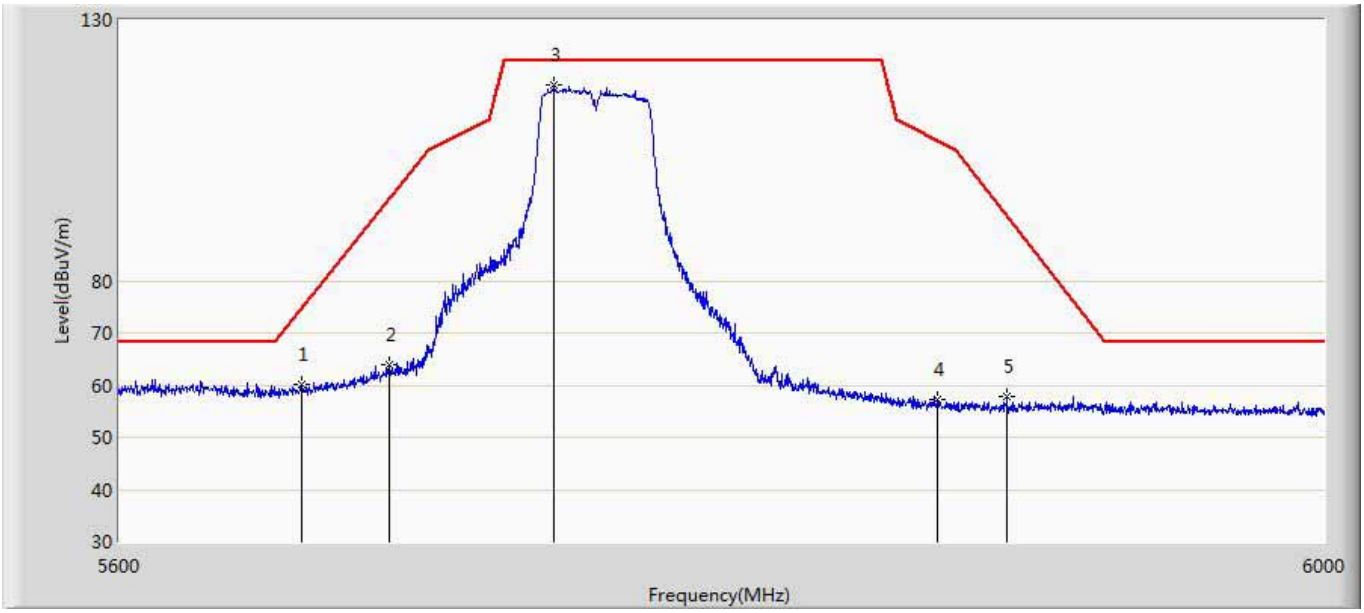
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.200	55.530	13.305	-46.858	102.388	42.225	PK
2		5748.800	55.411	13.183	-66.789	122.200	42.228	PK
3		5823.000	108.772	66.461	-13.428	122.200	42.311	PK
4		5896.000	56.556	14.104	-33.104	89.660	42.452	PK
5	*	5929.000	56.146	13.654	-12.054	68.200	42.493	PK

Profile: 1732120R	Page No.: 165
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:05
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 39:Transmit at 5755 by n40 Band 4 Ant1	



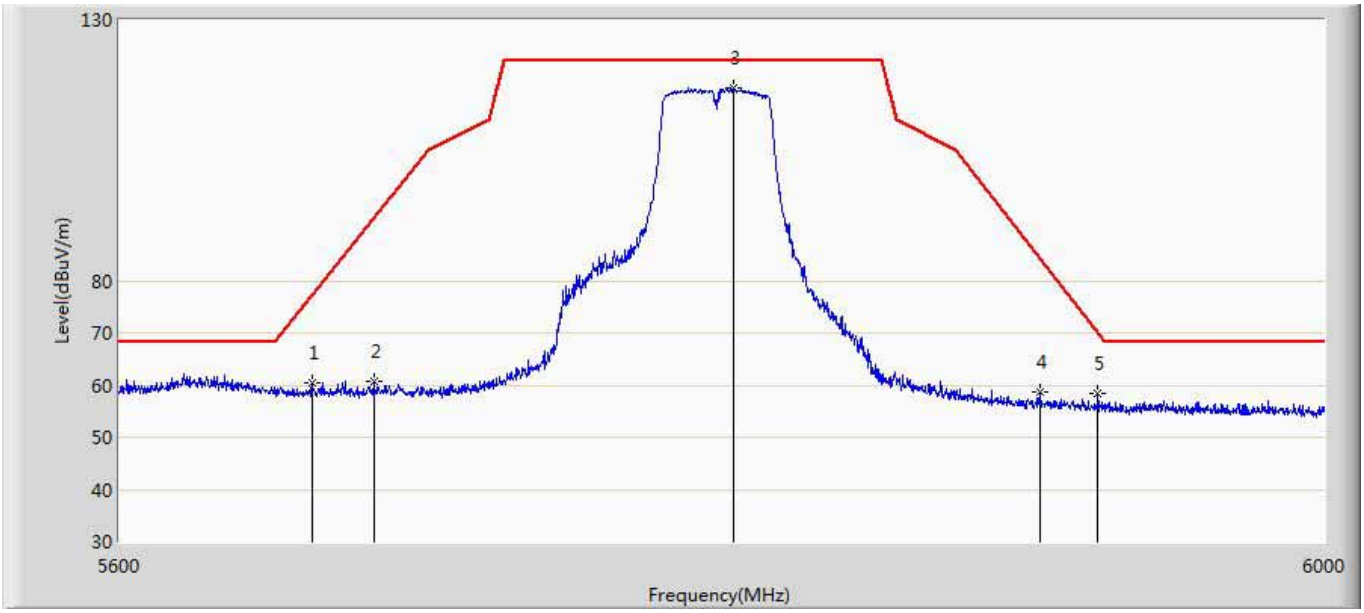
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5645.400	55.385	13.224	-12.815	68.200	42.161	PK
2		5666.400	56.340	14.121	-23.996	80.336	42.219	PK
3		5754.000	108.818	66.556	-13.382	122.200	42.262	PK
4		5876.800	56.347	13.864	-47.521	103.868	42.483	PK
5		5907.600	56.026	13.432	-25.050	81.076	42.594	PK

Profile: 1732120R	Page No.: 166
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 39:Transmit at 5755 by n40 Band 4 Ant1	



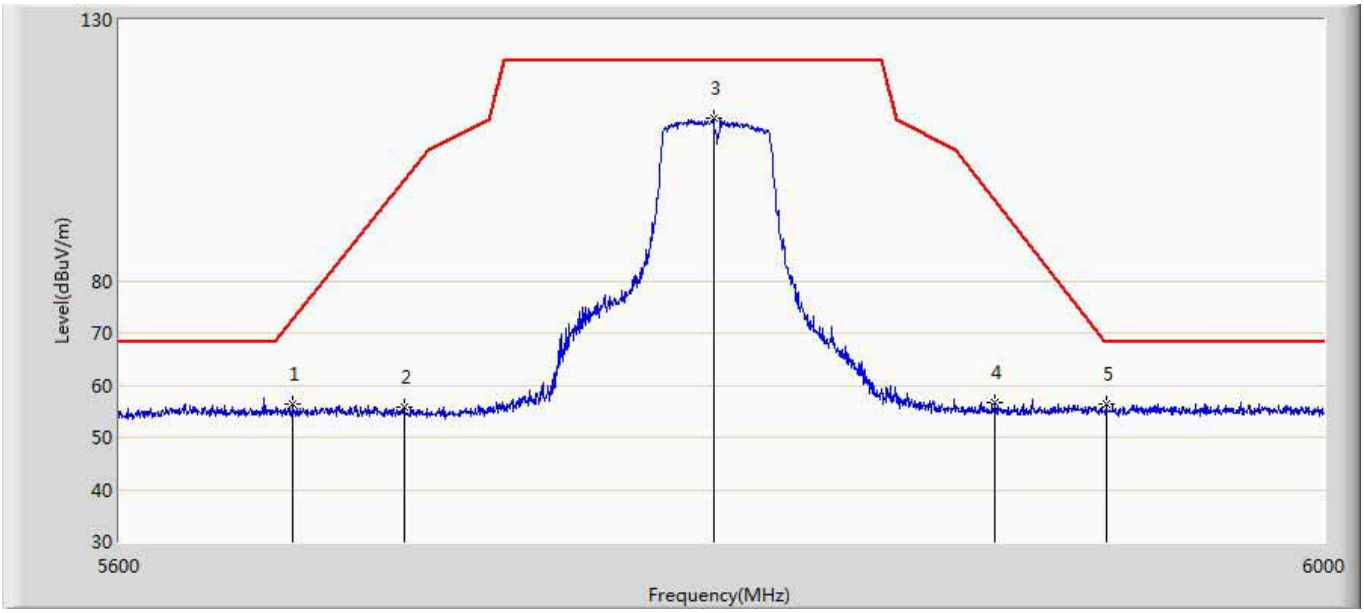
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5658.800	60.197	17.957	-14.515	74.712	42.240	PK
2		5687.200	64.009	21.791	-31.719	95.728	42.218	PK
3	*	5741.400	117.546	75.347	-4.654	122.200	42.199	PK
4		5868.800	57.305	14.850	-49.631	106.936	42.455	PK
5		5892.000	57.872	15.411	-34.748	92.620	42.462	PK

Profile: 1732120R	Page No.: 167
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:08
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 39:Transmit at 5795 by n40 Band 4 Ant1	



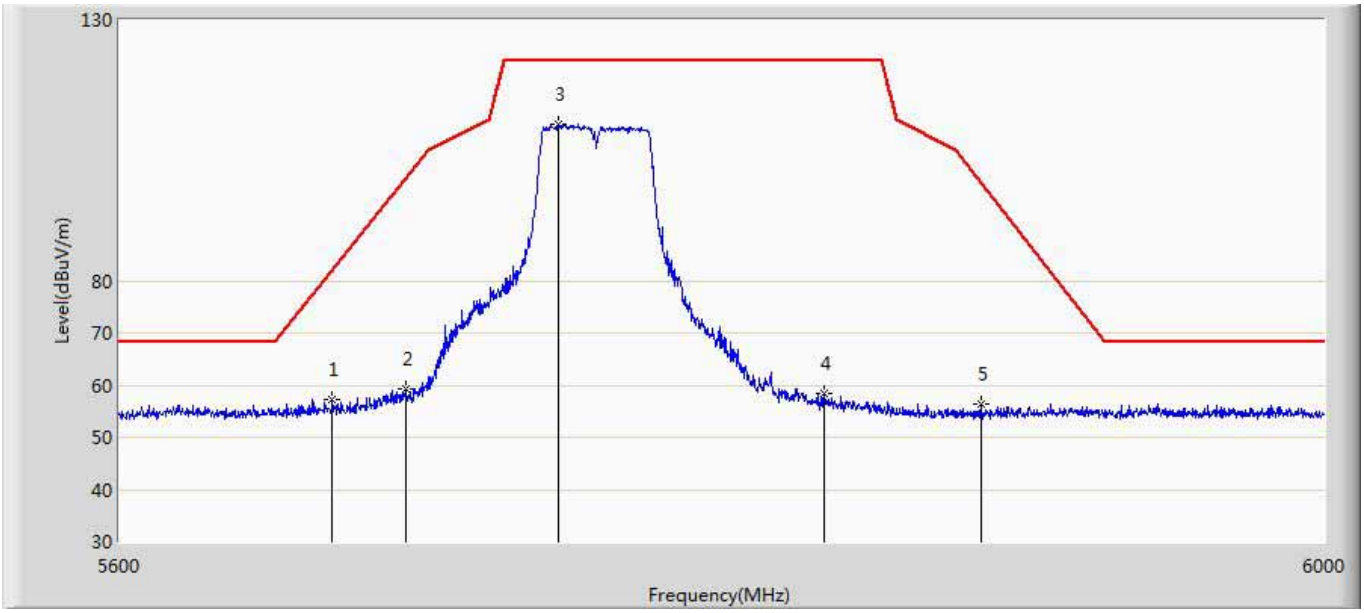
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5662.200	60.475	18.244	-16.753	77.228	42.231	PK
2		5682.200	60.750	18.541	-31.278	92.028	42.209	PK
3	*	5800.800	116.887	74.575	-5.313	122.200	42.311	PK
4		5903.200	58.782	16.242	-25.550	84.332	42.540	PK
5		5922.800	58.308	15.751	-11.520	69.828	42.558	PK

Profile: 1732120R	Page No.: 168
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:11
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 39:Transmit at 5795 by n40 Band 4 Ant1	



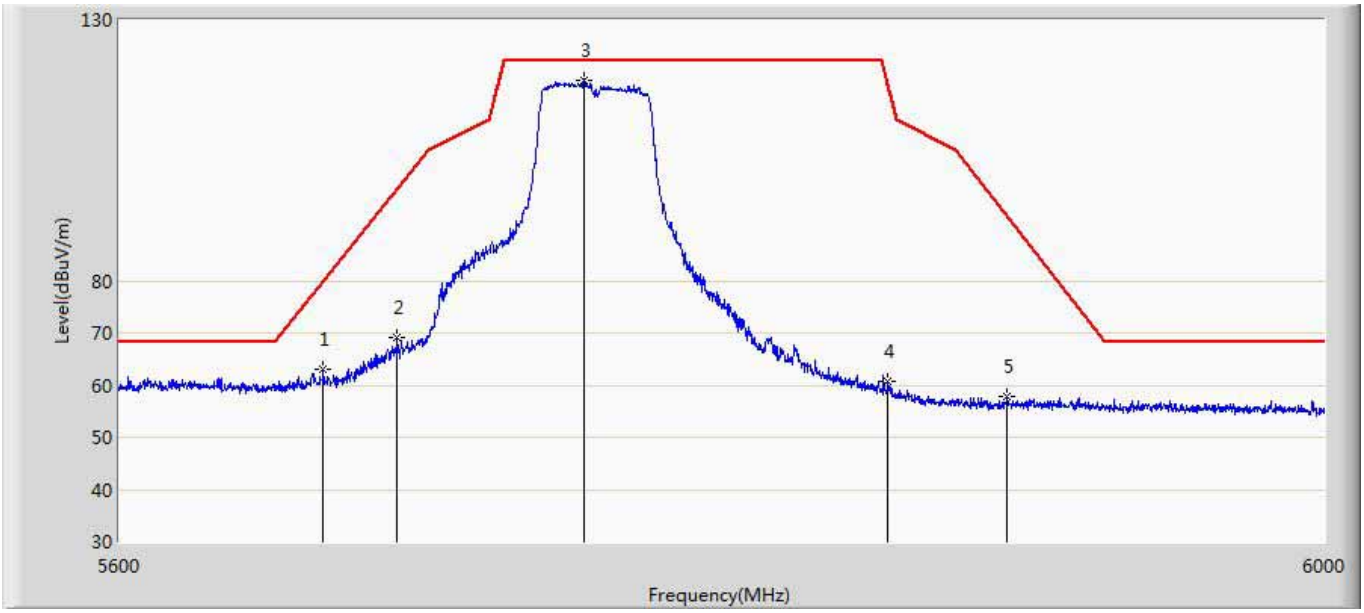
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5656.000	56.253	14.024	-16.387	72.640	42.229	PK
2		5692.200	55.833	13.606	-43.595	99.428	42.227	PK
3	*	5793.800	111.262	68.946	-10.938	122.200	42.316	PK
4		5888.200	56.601	14.131	-38.831	95.432	42.469	PK
5		5925.600	56.410	13.882	-11.790	68.200	42.528	PK

Profile: 1732120R	Page No.: 169
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:14
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 40:Transmit at 5755 by ac40 Band 4 Ant1	



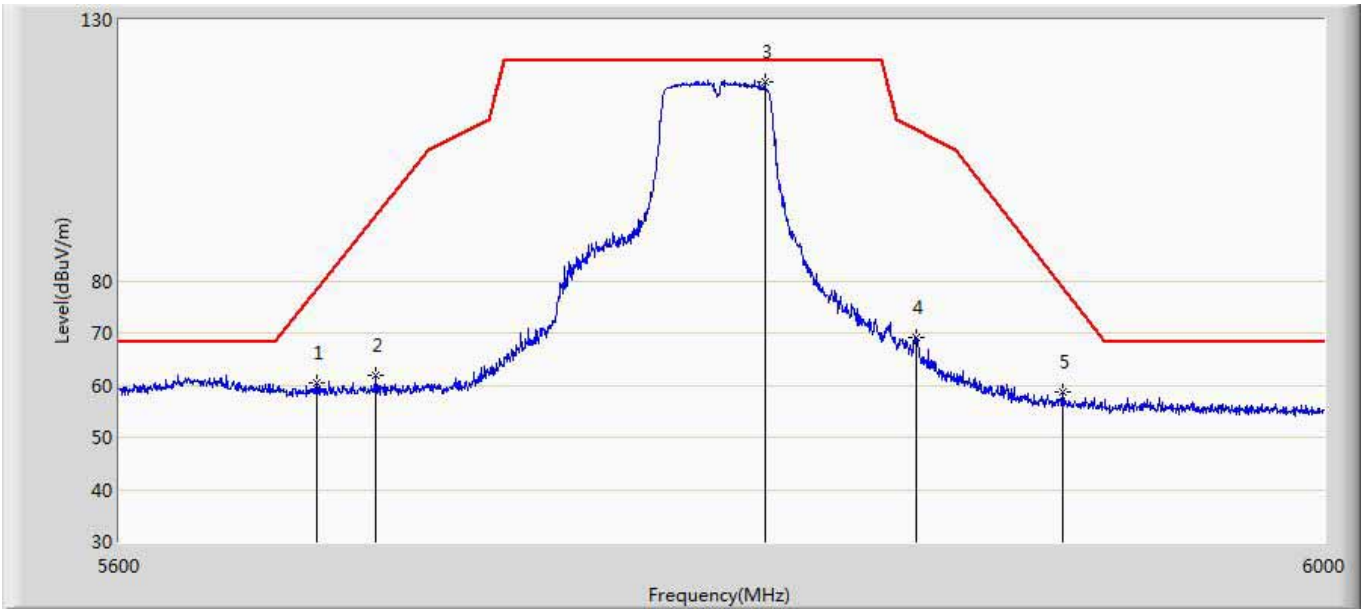
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5668.800	57.273	15.060	-24.839	82.112	42.213	PK
2		5692.600	59.219	16.992	-40.505	99.724	42.227	PK
3	*	5742.800	109.973	67.782	-12.227	122.200	42.191	PK
4		5830.600	58.532	16.205	-63.668	122.200	42.327	PK
5		5883.200	56.295	13.814	-42.837	99.132	42.482	PK

Profile: 1732120R	Page No.: 170
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:16
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 40:Transmit at 5755 by ac40 Band 4 Ant1	



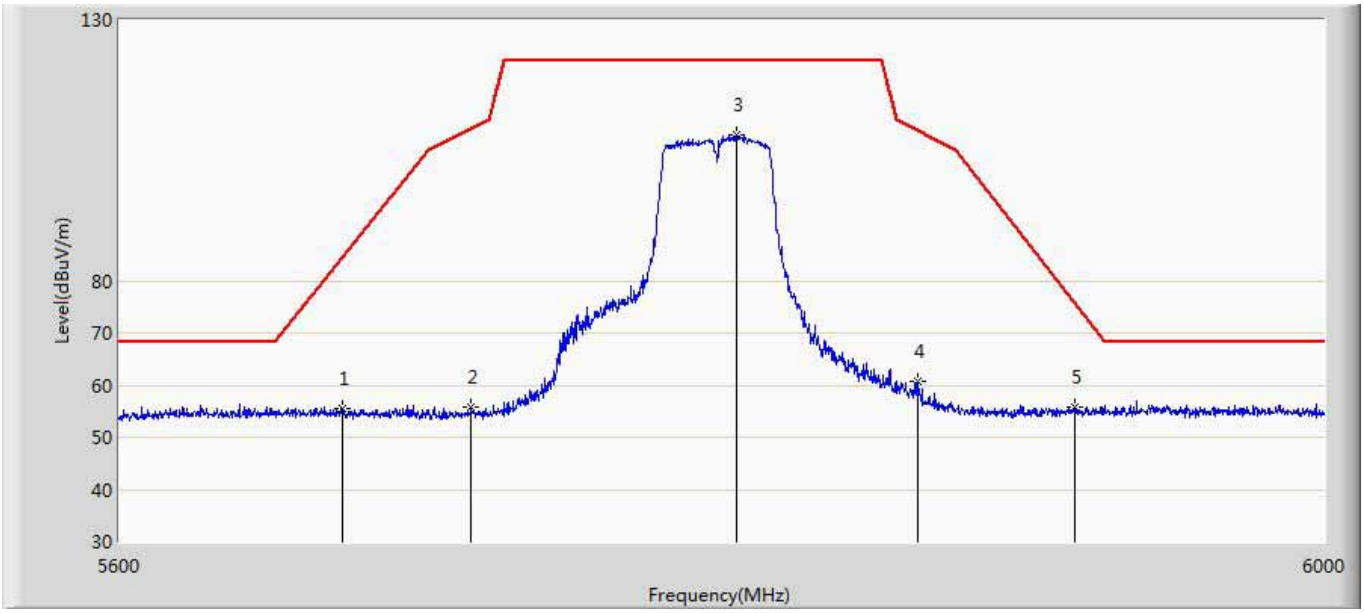
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5665.800	63.133	20.912	-16.759	79.892	42.221	PK
2		5689.800	69.273	27.050	-28.379	97.652	42.223	PK
3	*	5751.000	118.503	76.261	-3.697	122.200	42.242	PK
4		5852.000	60.608	18.193	-57.032	117.640	42.415	PK
5		5892.000	57.765	15.304	-34.855	92.620	42.462	PK

Profile: 1732120R	Page No.: 171
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:18
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 40:Transmit at 5795 by ac40 Band 4 Ant1	



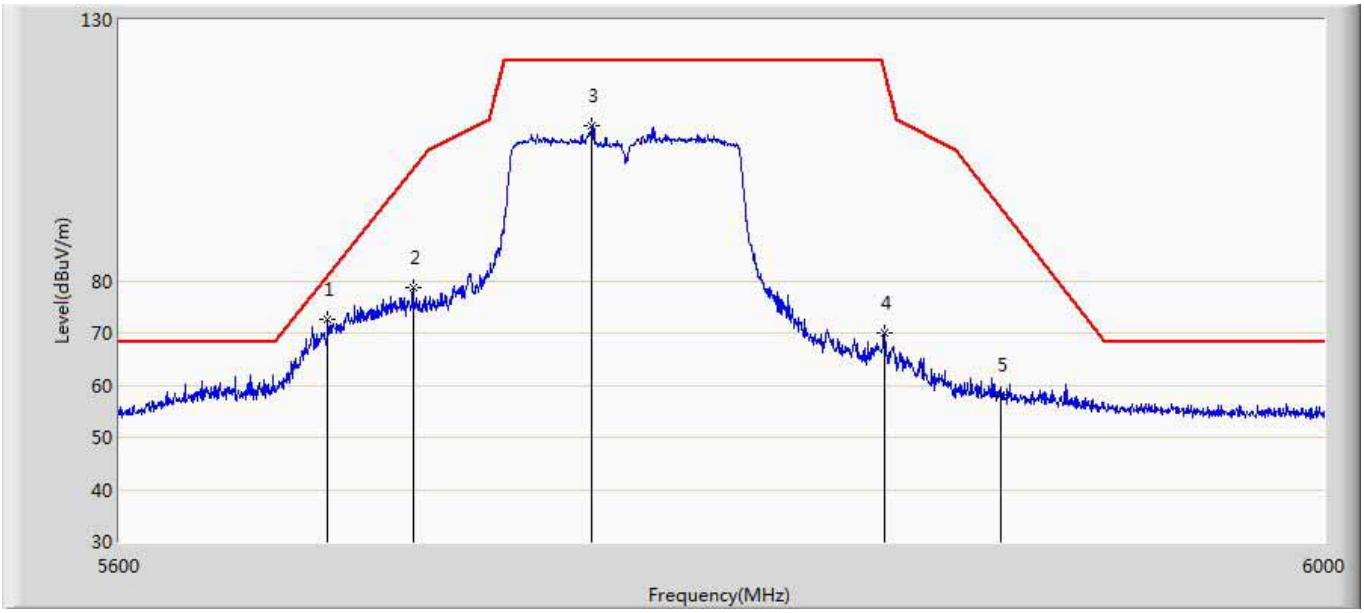
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5663.800	60.302	18.076	-18.110	78.412	42.226	PK
2		5682.800	61.839	19.629	-30.633	92.472	42.210	PK
3	*	5811.000	118.101	75.796	-4.099	122.200	42.305	PK
4		5861.600	69.018	26.588	-39.934	108.952	42.430	PK
5		5911.000	58.621	15.985	-19.939	78.560	42.635	PK

Profile: 1732120R	Page No.: 172
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:20
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 40:Transmit at 5795 by ac40 Band 4 Ant1	



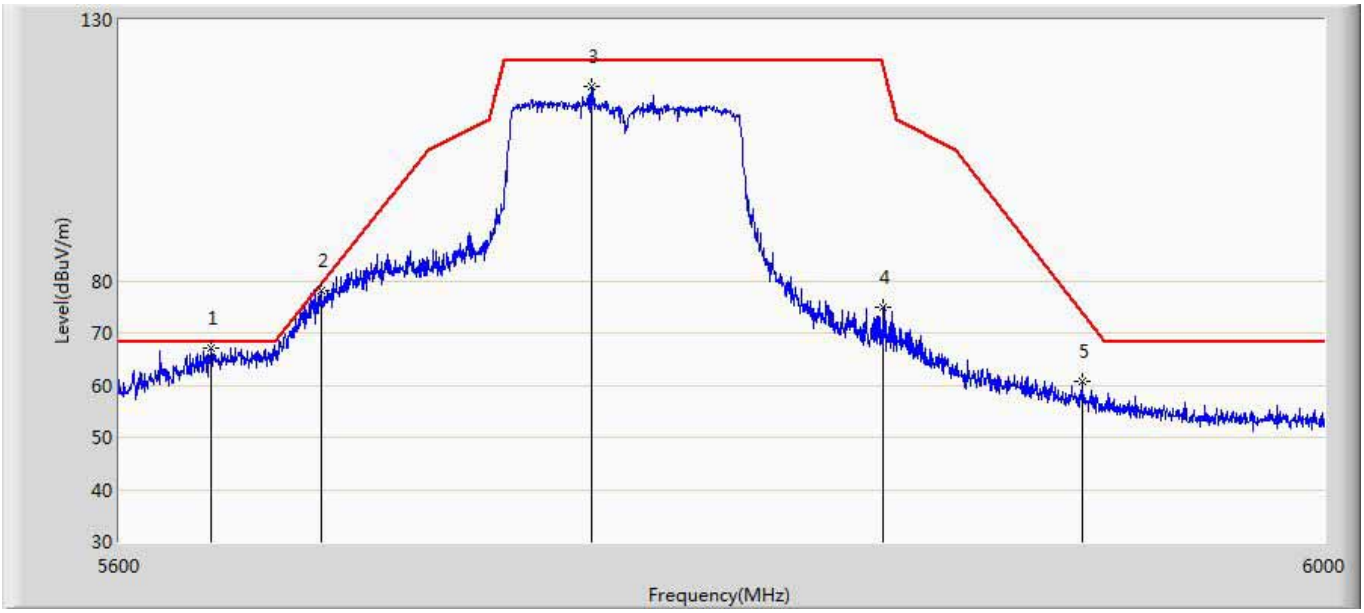
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5672.200	55.637	13.433	-28.991	84.628	42.204	PK
2		5714.200	55.812	13.572	-53.364	109.176	42.240	PK
3	*	5801.400	107.953	65.642	-14.247	122.200	42.311	PK
4		5862.000	60.627	18.196	-48.213	108.840	42.431	PK
5		5914.800	55.746	13.105	-20.002	75.748	42.642	PK

Profile: 1732120R	Page No.: 173
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:21
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 41:Transmit at 5775 by ac80 Band 4 Ant1	



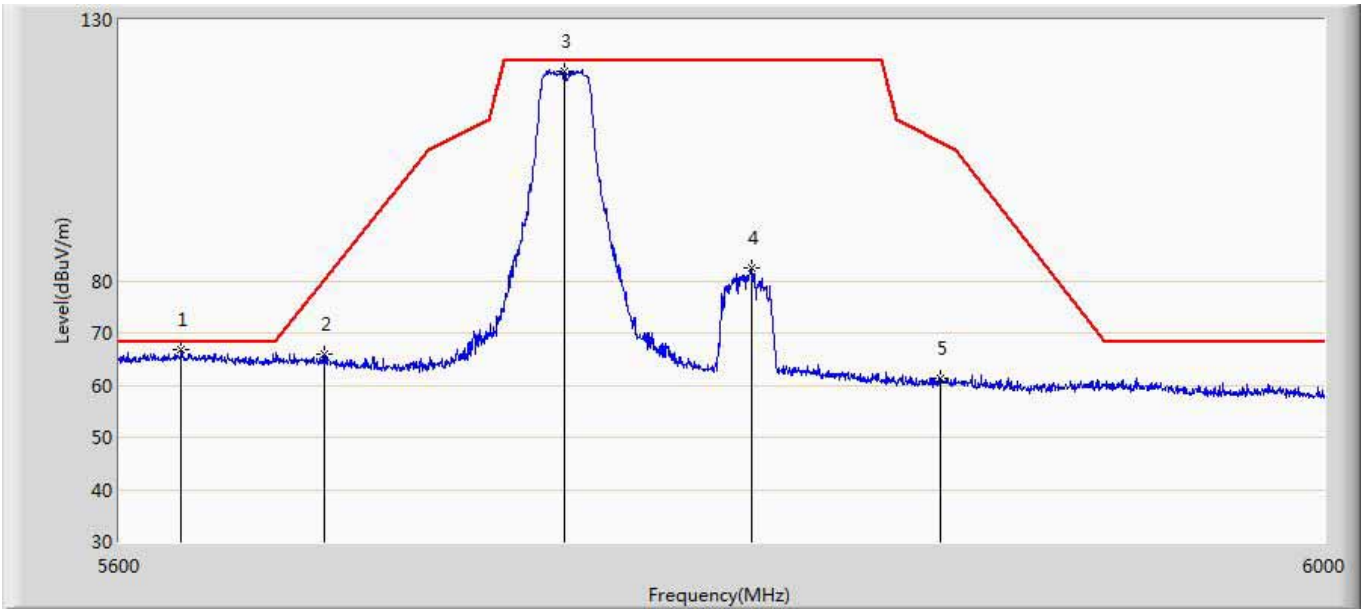
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5667.200	72.582	30.365	-8.346	80.928	42.217	PK
2		5695.000	78.721	36.495	-22.779	101.500	42.226	PK
3		5753.600	109.818	67.559	-12.382	122.200	42.259	PK
4		5850.800	69.994	27.581	-50.382	120.376	42.413	PK
5		5890.000	58.026	15.560	-36.074	94.100	42.466	PK

Profile: 1732120R	Page No.: 174
Engineer: Rony	
Site: AC5	Time: 2017/05/17 - 06:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 41:Transmit at 5775 by ac80 Band 4 Ant1	



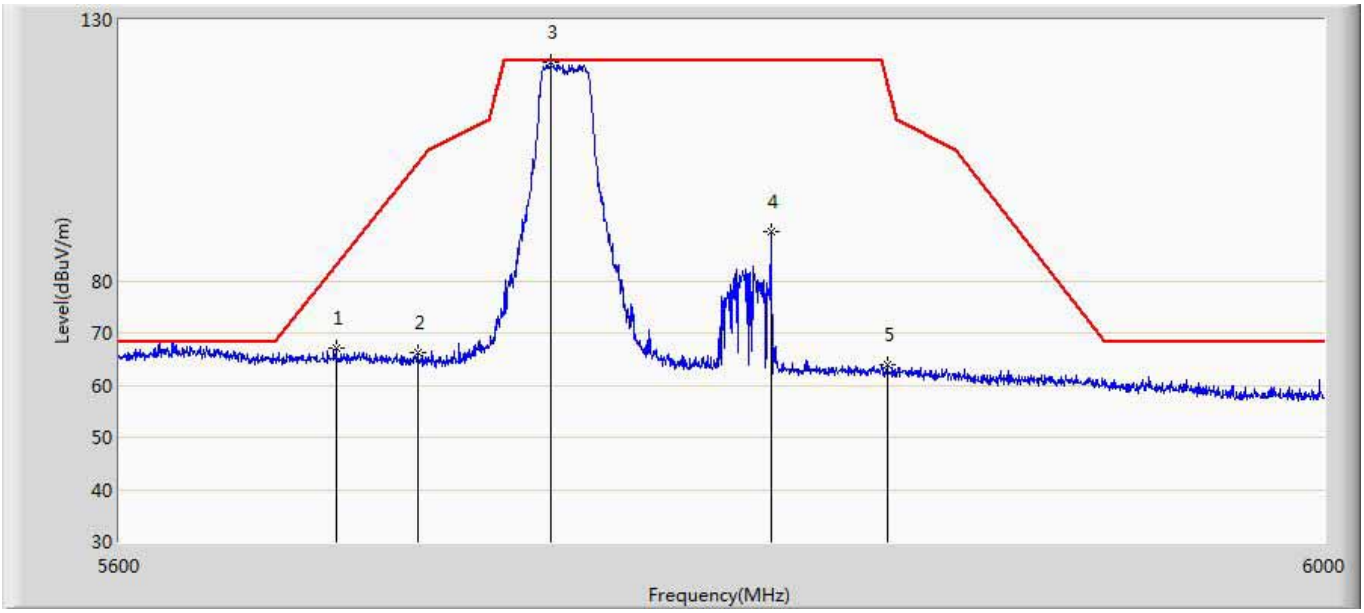
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5629.400	67.182	24.945	-1.018	68.200	42.237	PK
2		5665.200	78.067	35.844	-1.381	79.448	42.222	PK
3		5753.800	117.122	74.861	-5.078	122.200	42.260	PK
4		5850.600	75.065	32.652	-45.767	120.832	42.413	PK
5		5917.400	60.834	18.220	-12.990	73.824	42.614	PK

Profile: 1732120R	Page No.: 67
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:28
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 19:Transmit at 5745 by 802.11a Ant0+1	



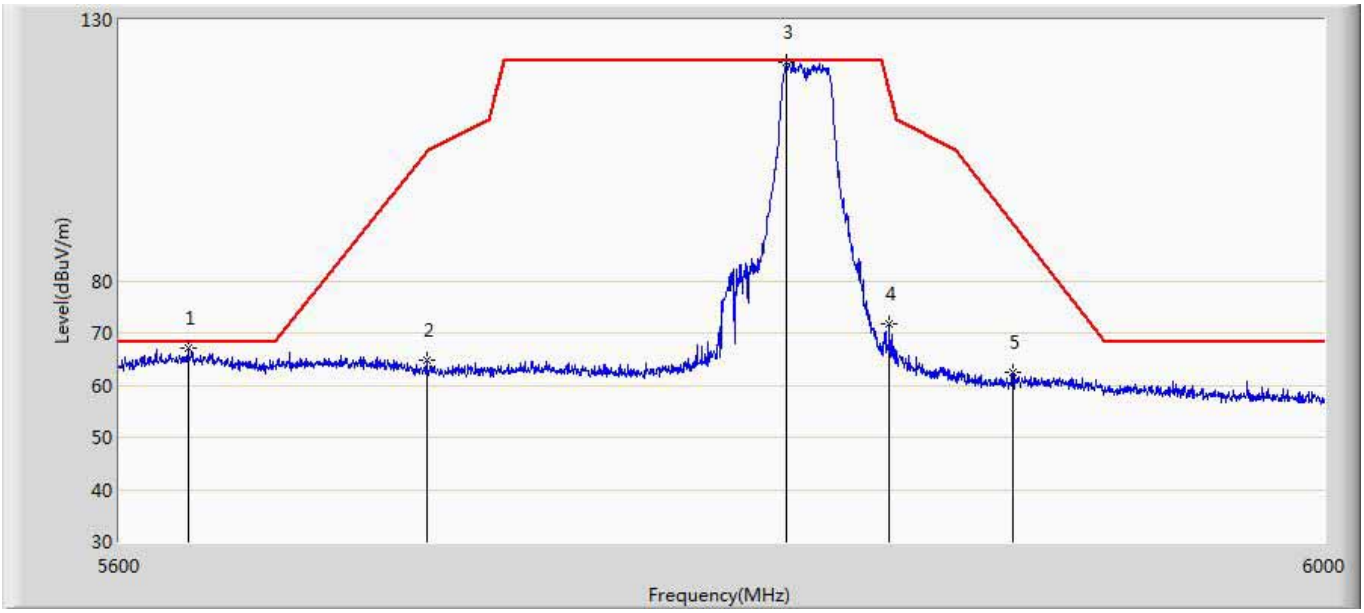
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5620.000	66.827	24.577	-1.373	68.200	42.249	PK
2		5666.000	65.871	23.651	-14.169	80.040	42.220	PK
3		5744.800	120.074	77.872	-2.126	122.200	42.202	PK
4		5806.400	82.515	40.207	-39.685	122.200	42.308	PK
5		5869.600	61.426	18.968	-45.286	106.712	42.458	PK

Profile: 1732120R	Page No.: 68
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:35
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 19:Transmit at 5745 by 802.11a Ant0+1	



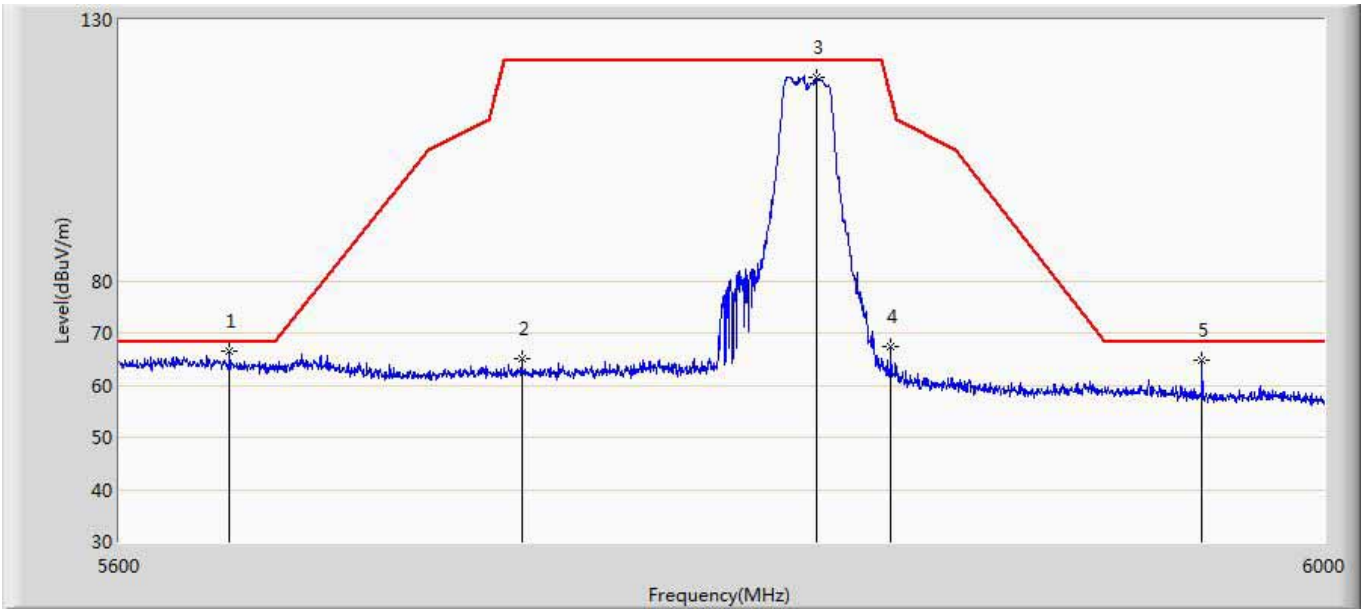
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5670.000	67.201	24.991	-15.799	83.000	42.210	PK
2		5696.600	66.362	24.137	-36.322	102.684	42.225	PK
3	*	5740.200	121.978	79.773	-0.222	122.200	42.205	PK
4		5813.000	89.451	47.145	-32.749	122.200	42.306	PK
5		5851.800	63.781	21.366	-54.315	118.096	42.415	PK

Profile: 1732120R	Page No.: 69
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:38
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 19:Transmit at 5825 by 802.11a Ant0+1	



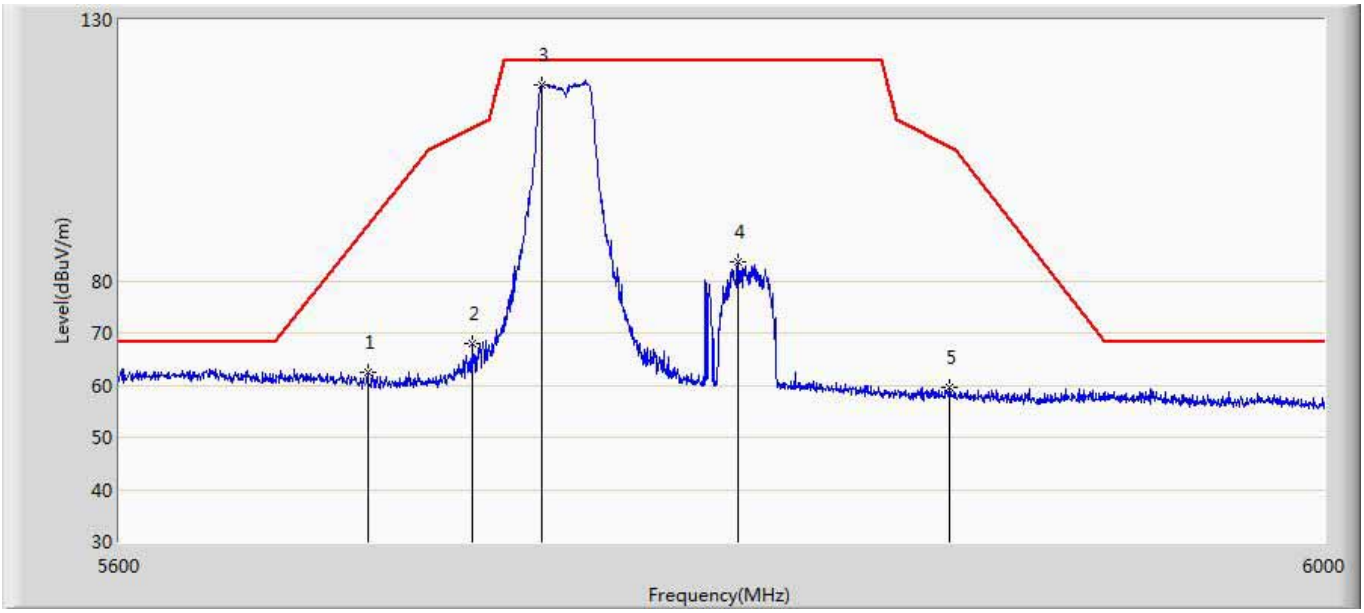
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5622.200	67.198	24.928	-1.002	68.200	42.269	PK
2		5699.600	64.693	22.469	-40.211	104.904	42.224	PK
3	*	5818.200	121.818	79.510	-0.382	122.200	42.308	PK
4		5852.400	71.681	29.265	-45.047	116.728	42.415	PK
5		5894.000	62.482	20.025	-28.658	91.140	42.456	PK

Profile: 1732120R	Page No.: 70
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:40
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 19:Transmit at 5825 by 802.11a Ant0+1	



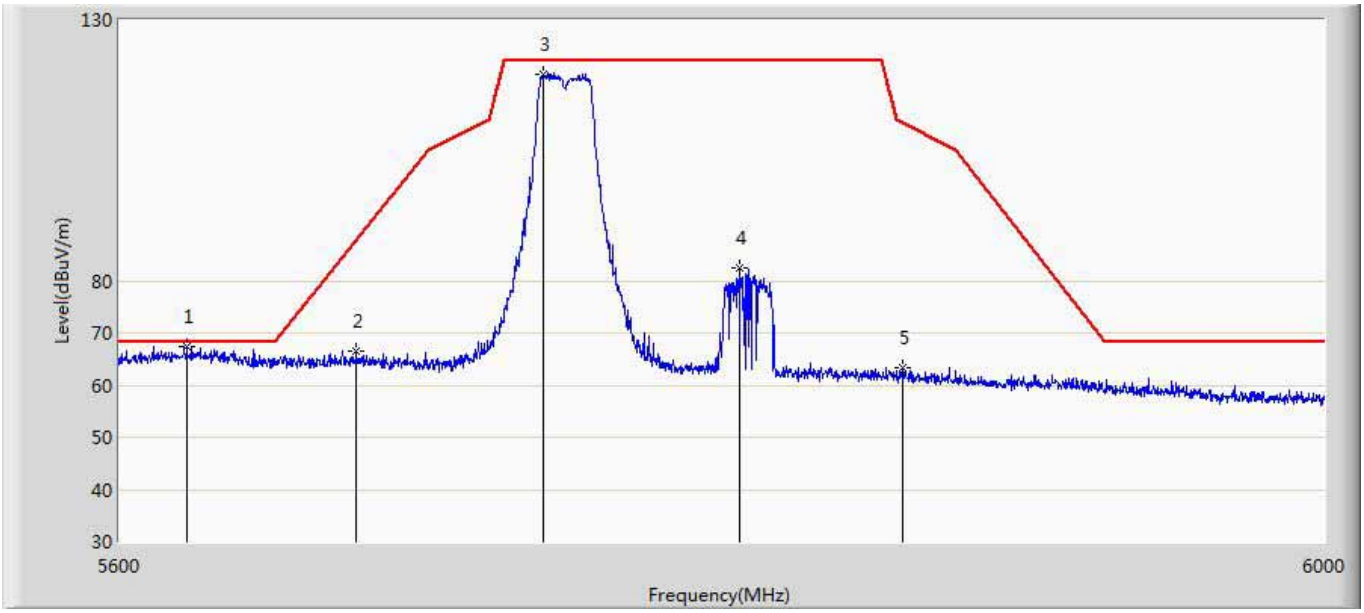
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5635.600	66.546	24.364	-1.654	68.200	42.182	PK
2		5730.600	65.077	22.818	-57.123	122.200	42.258	PK
3		5828.400	119.069	76.754	-3.131	122.200	42.316	PK
4		5853.000	67.463	25.046	-47.897	115.360	42.416	PK
5		5958.200	64.729	22.156	-3.471	68.200	42.573	PK

Profile: 1732120R	Page No.: 71
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 20:Transmit at 5745 by 802.11n20 Ant0+1	



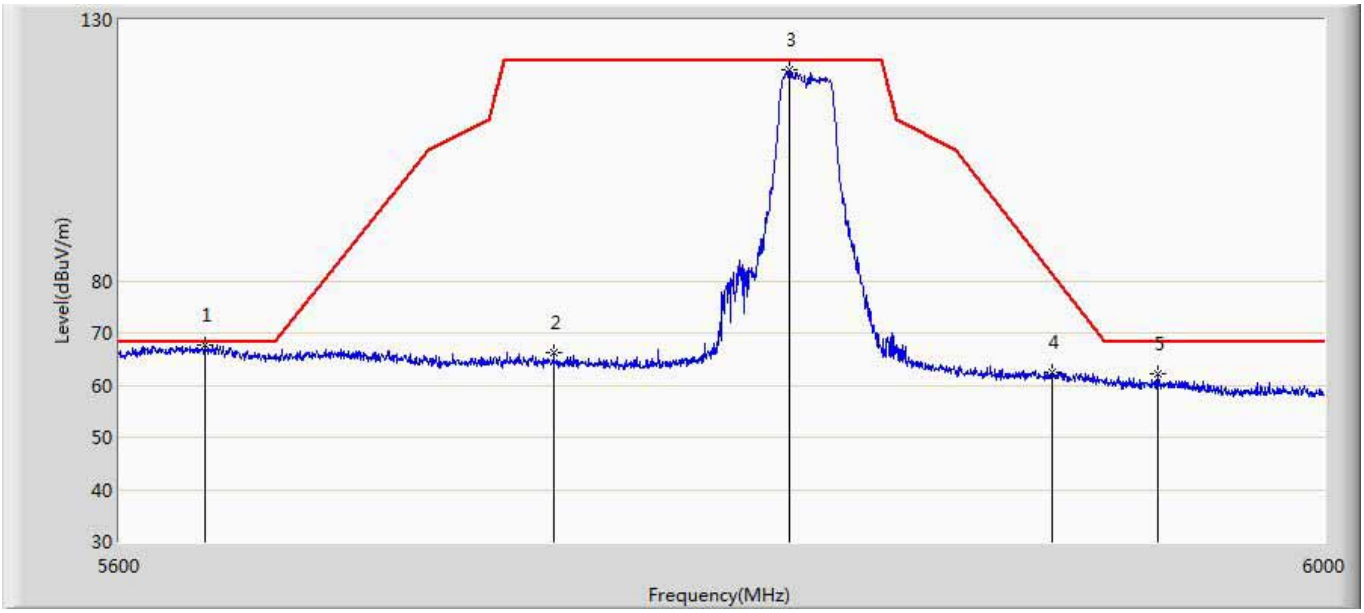
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5680.400	62.339	20.133	-28.357	90.696	42.206	PK
2		5714.600	67.863	25.622	-41.425	109.288	42.242	PK
3	*	5737.200	117.482	75.260	-4.718	122.200	42.222	PK
4		5802.200	83.747	41.436	-38.453	122.200	42.311	PK
5		5872.800	59.591	17.122	-46.225	105.816	42.469	PK

Profile: 1732120R	Page No.: 72
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:43
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 20:Transmit at 5745 by 802.11n20 Ant0+1	



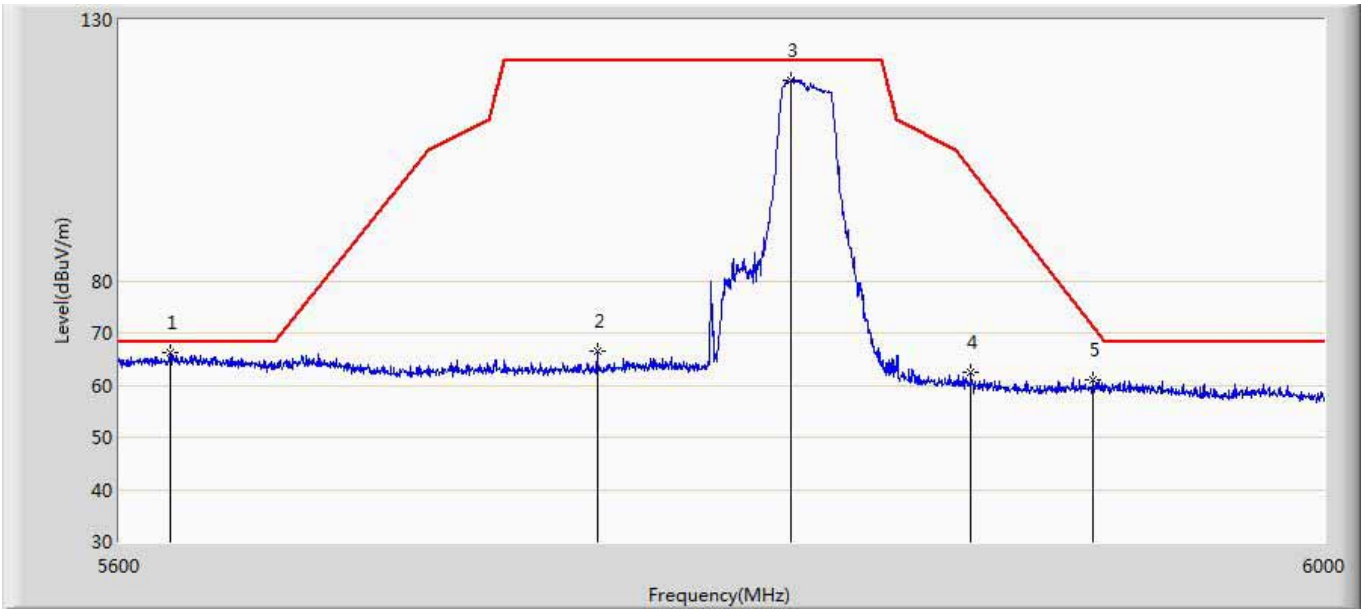
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5621.800	67.525	25.259	-0.675	68.200	42.266	PK
2		5676.600	66.527	24.328	-21.357	87.884	42.199	PK
3		5737.800	119.689	77.470	-2.511	122.200	42.219	PK
4		5802.800	82.335	40.025	-39.865	122.200	42.310	PK
5		5856.800	63.437	21.014	-46.859	110.296	42.423	PK

Profile: 1732120R	Page No.: 73
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:46
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 20:Transmit at 5825 by 802.11n20 Ant0+1	



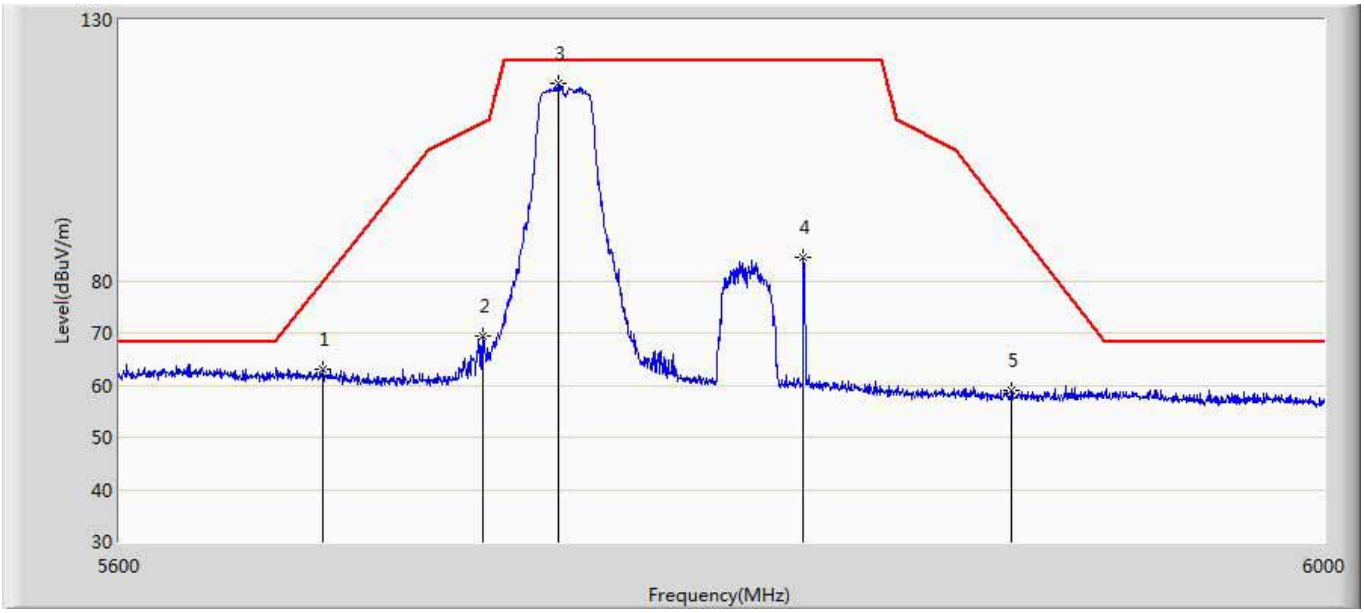
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5627.800	67.793	25.541	-0.407	68.200	42.252	PK
2		5741.200	66.309	24.109	-55.891	122.200	42.199	PK
3		5819.200	120.572	78.263	-1.628	122.200	42.309	PK
4		5907.400	62.547	19.956	-18.677	81.224	42.591	PK
5		5943.400	62.217	19.538	-5.983	68.200	42.679	PK

Profile: 1732120R	Page No.: 74
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:48
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 20:Transmit at 5825 by 802.11n20 Ant0+1	



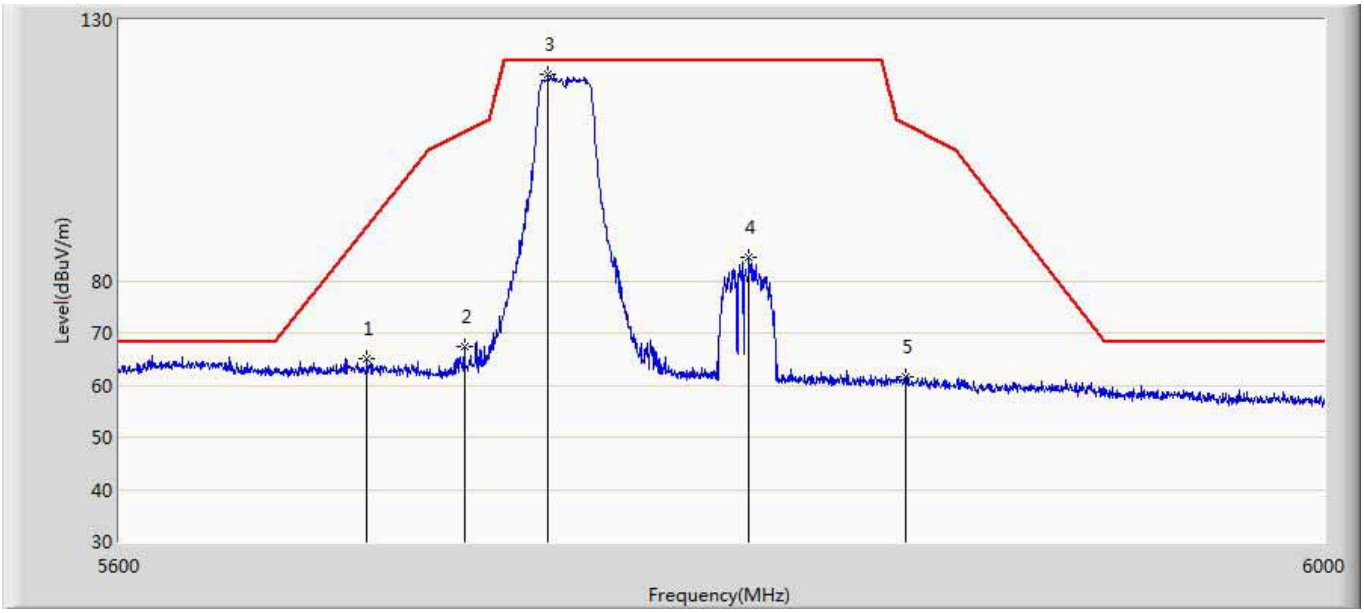
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5616.400	66.332	24.115	-1.868	68.200	42.216	PK
2		5755.400	66.579	24.308	-55.621	122.200	42.271	PK
3		5819.600	118.519	76.210	-3.681	122.200	42.309	PK
4		5879.800	62.538	20.049	-39.110	101.648	42.489	PK
5		5921.200	60.924	18.350	-10.088	71.012	42.575	PK

Profile: 1732120R	Page No.: 75
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:51
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 21:Transmit at 5745 by 802.11ac20 Ant0+1	



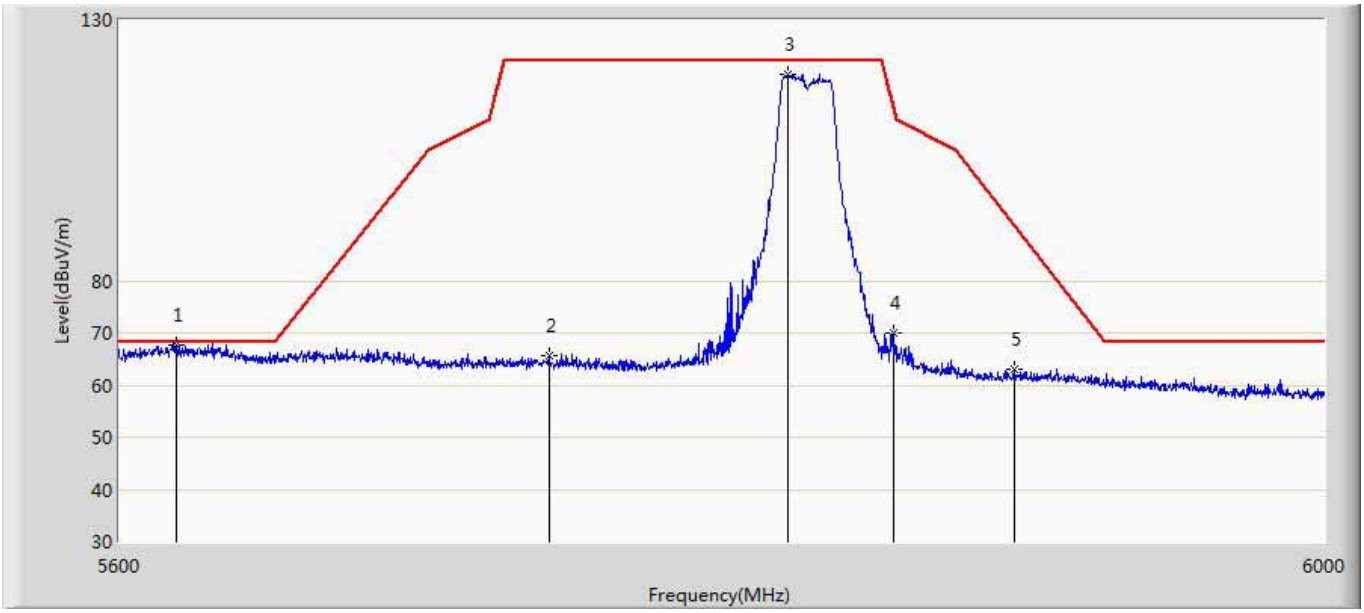
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5665.800	62.928	20.707	-16.964	79.892	42.221	PK
2		5718.000	69.565	27.311	-40.675	110.240	42.254	PK
3	*	5742.600	117.746	75.554	-4.454	122.200	42.192	PK
4		5823.800	84.402	42.091	-37.798	122.200	42.311	PK
5		5893.600	58.943	16.485	-32.493	91.436	42.458	PK

Profile: 1732120R	Page No.: 76
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:53
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 21:Transmit at 5745 by 802.11ac20 Ant0+1	



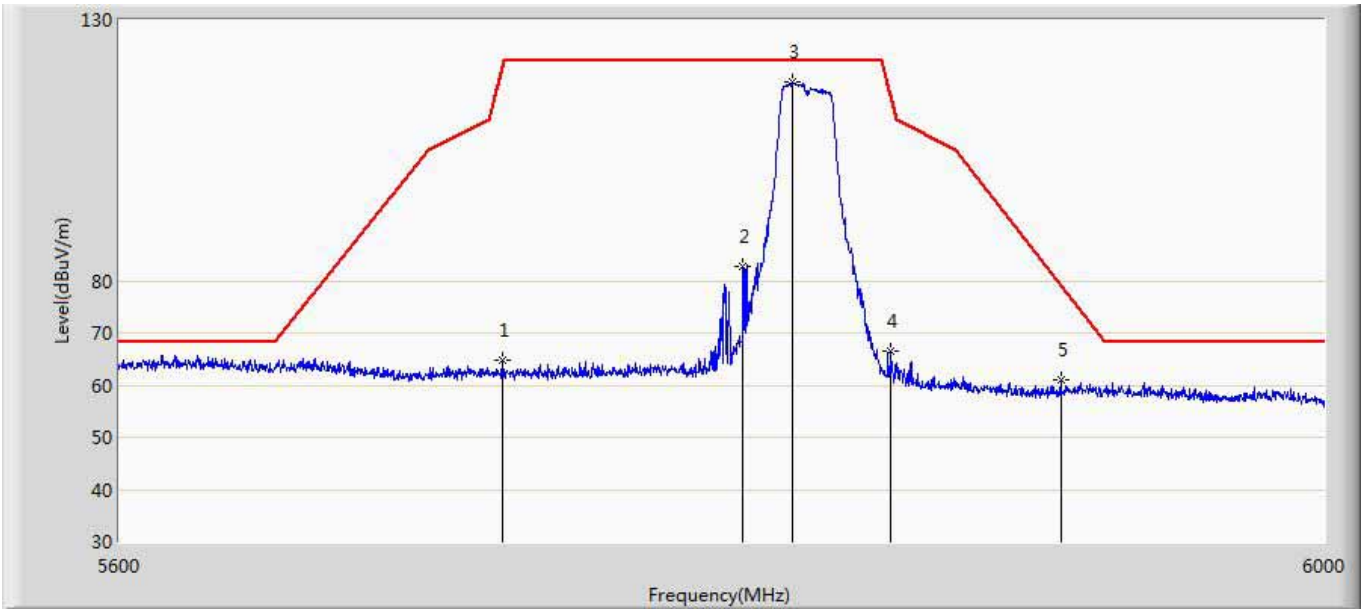
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5680.000	65.142	22.937	-25.258	90.400	42.205	PK
2		5711.800	67.524	25.293	-40.980	108.504	42.231	PK
3	*	5739.400	119.652	77.442	-2.548	122.200	42.210	PK
4		5805.600	84.386	42.078	-37.814	122.200	42.309	PK
5		5857.800	61.615	19.191	-48.401	110.016	42.424	PK

Profile: 1732120R	Page No.: 77
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:56
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 21:Transmit at 5825 by 802.11ac20 Ant0+1	



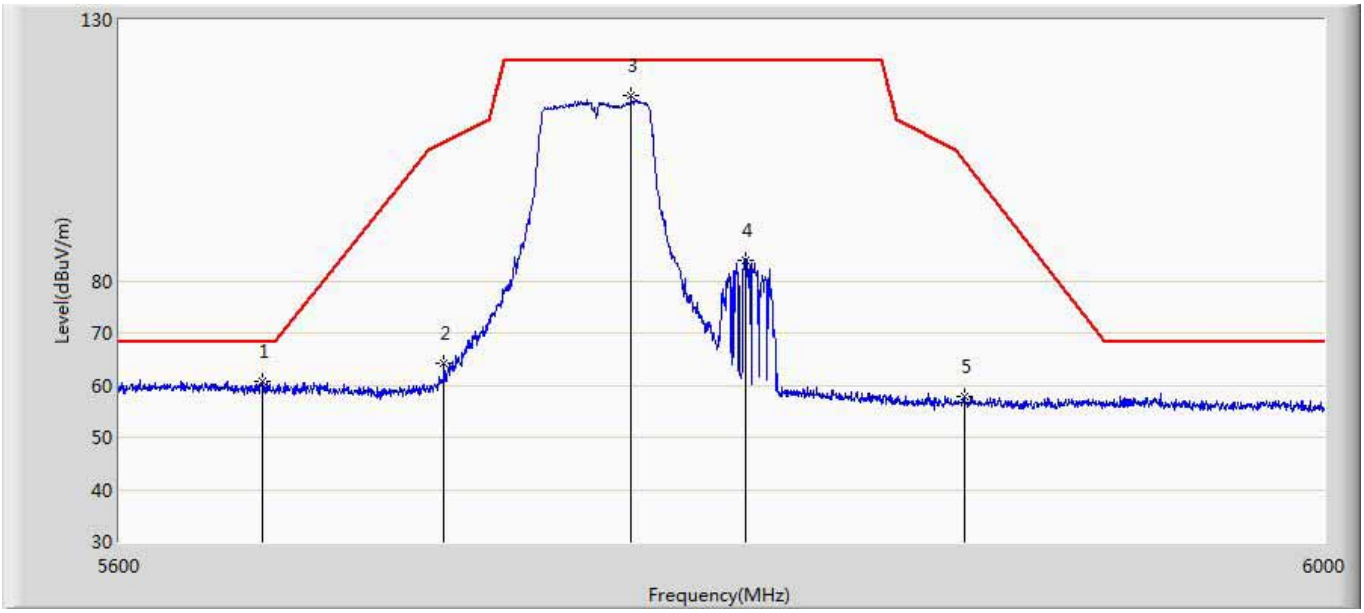
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5618.200	67.775	25.542	-0.425	68.200	42.233	PK
2		5739.600	65.564	23.355	-56.636	122.200	42.209	PK
3		5818.800	119.612	77.303	-2.588	122.200	42.309	PK
4		5853.800	69.938	27.520	-43.598	113.536	42.418	PK
5		5894.400	62.926	20.470	-27.918	90.844	42.456	PK

Profile: 1732120R	Page No.: 78
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 21:Transmit at 5825 by 802.11ac20 Ant0+1	



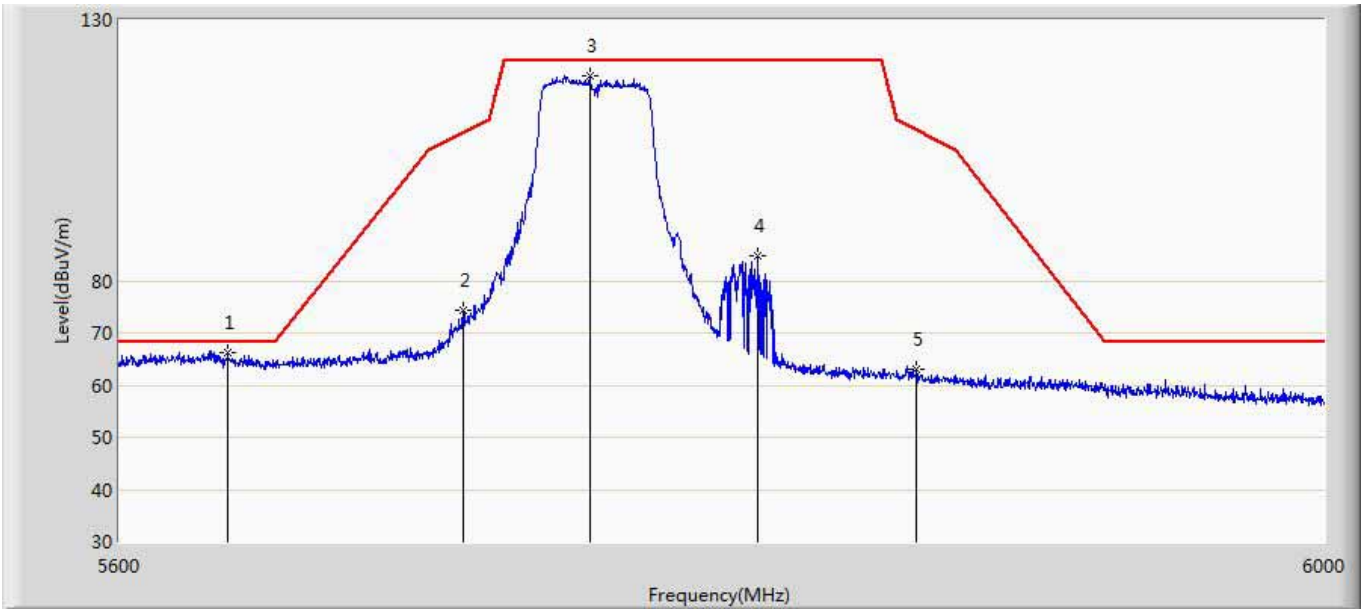
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5724.400	64.695	22.417	-56.137	120.832	42.278	PK
2		5803.800	82.865	40.555	-39.335	122.200	42.309	PK
3	*	5820.400	118.052	75.743	-4.148	122.200	42.309	PK
4		5853.200	66.662	24.245	-48.242	114.904	42.417	PK
5		5910.200	60.972	18.346	-18.180	79.152	42.626	PK

Profile: 1732120R	Page No.: 79
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 02:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 22:Transmit at 5755 by 802.11ac40 Ant0+1	



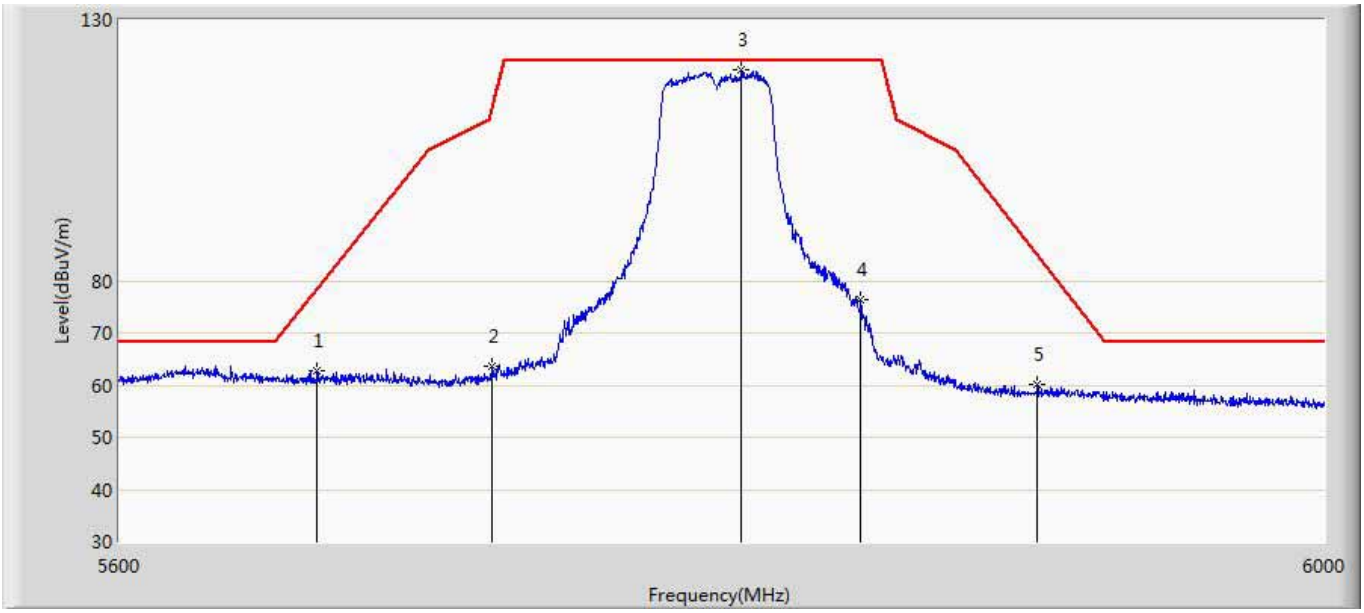
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.400	60.791	18.623	-7.409	68.200	42.168	PK
2		5705.200	64.198	21.976	-42.458	106.656	42.222	PK
3	*	5766.600	115.394	73.097	-6.806	122.200	42.296	PK
4		5804.800	83.957	41.648	-38.243	122.200	42.309	PK
5		5877.600	57.968	15.482	-45.308	103.276	42.486	PK

Profile: 1732120R	Page No.: 80
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 22:Transmit at 5755 by 802.11ac40 Ant0+1	



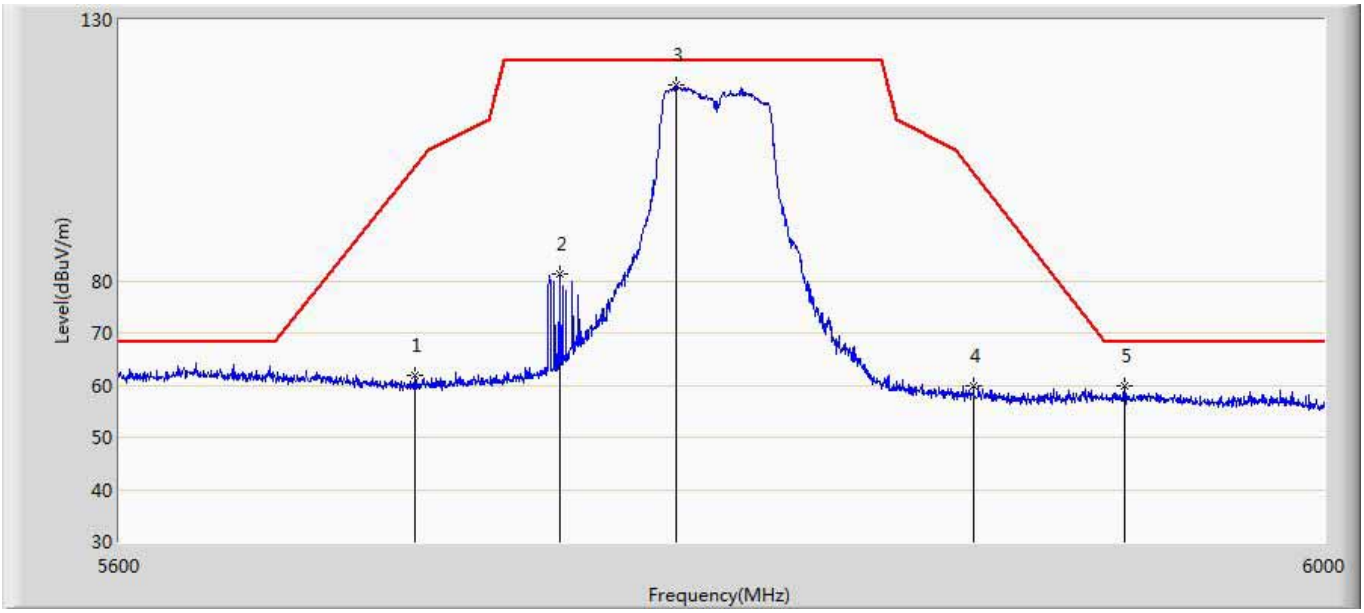
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5635.000	66.192	24.005	-2.008	68.200	42.187	PK
2		5711.400	74.471	32.242	-33.921	108.392	42.229	PK
3		5753.000	119.406	77.151	-2.794	122.200	42.255	PK
4		5808.400	84.717	42.410	-37.483	122.200	42.306	PK
5		5861.600	63.117	20.687	-45.835	108.952	42.430	PK

Profile: 1732120R	Page No.: 81
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:07
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 22:Transmit at 5795 by 802.11ac40 Ant0+1	



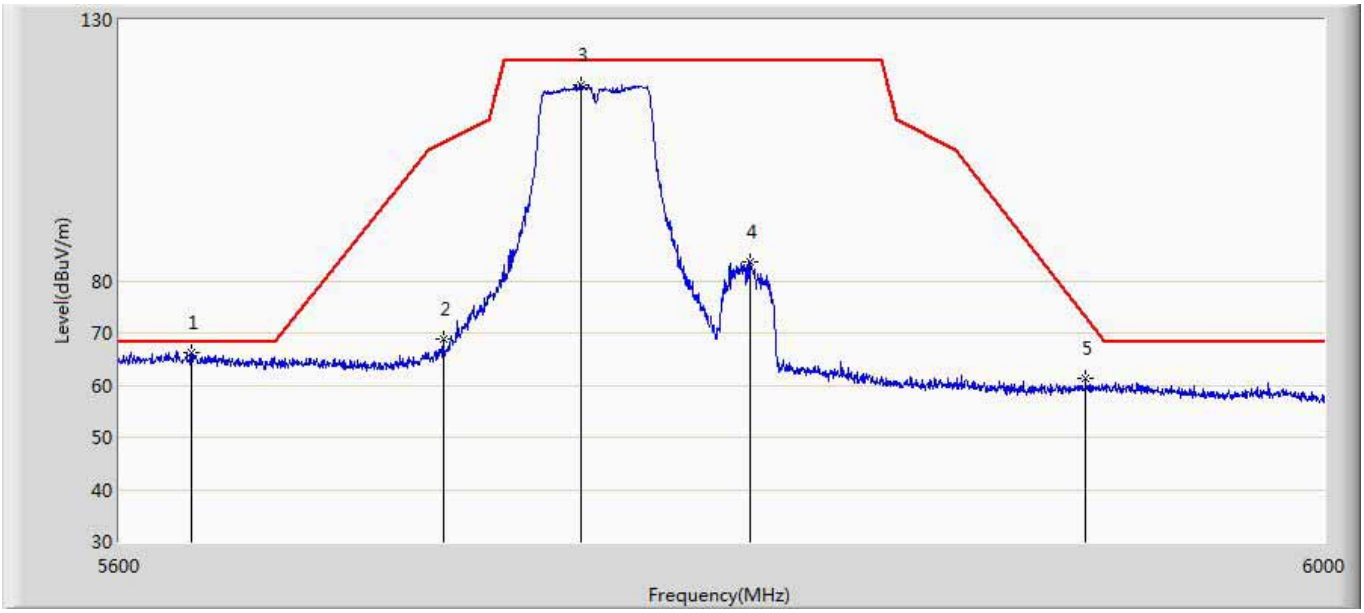
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5663.800	62.755	20.529	-15.657	78.412	42.226	PK
2		5721.000	63.574	21.309	-49.506	113.080	42.265	PK
3	*	5803.200	120.460	78.150	-1.740	122.200	42.310	PK
4		5842.800	76.289	33.897	-45.911	122.200	42.392	PK
5		5902.200	60.244	17.716	-24.828	85.072	42.528	PK

Profile: 1732120R	Page No.: 82
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:10
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 22:Transmit at 5795 by 802.11ac40 Ant0+1	



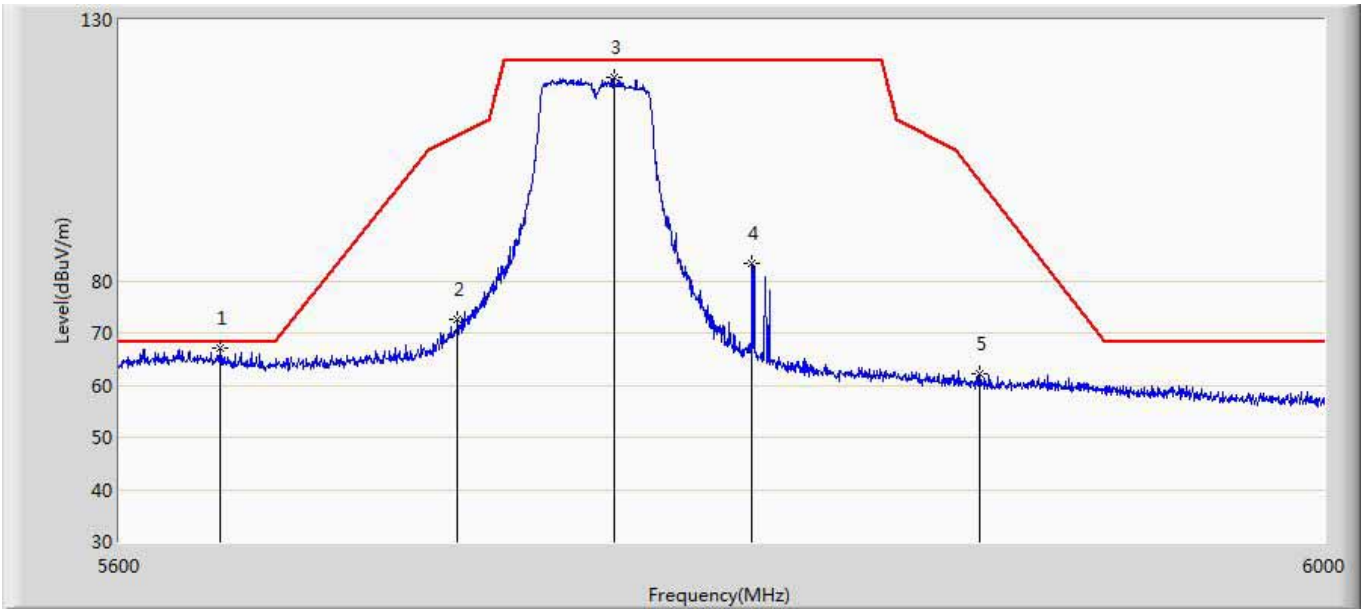
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.800	61.789	19.564	-40.303	102.092	42.225	PK
2		5743.000	81.312	39.122	-40.888	122.200	42.190	PK
3	*	5781.400	117.527	75.230	-4.673	122.200	42.297	PK
4		5880.800	59.980	17.493	-40.928	100.908	42.486	PK
5		5931.800	59.855	17.347	-8.345	68.200	42.509	PK

Profile: 1732120R	Page No.: 83
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 23:Transmit at 5755 by 802.11n40 Ant0+1	



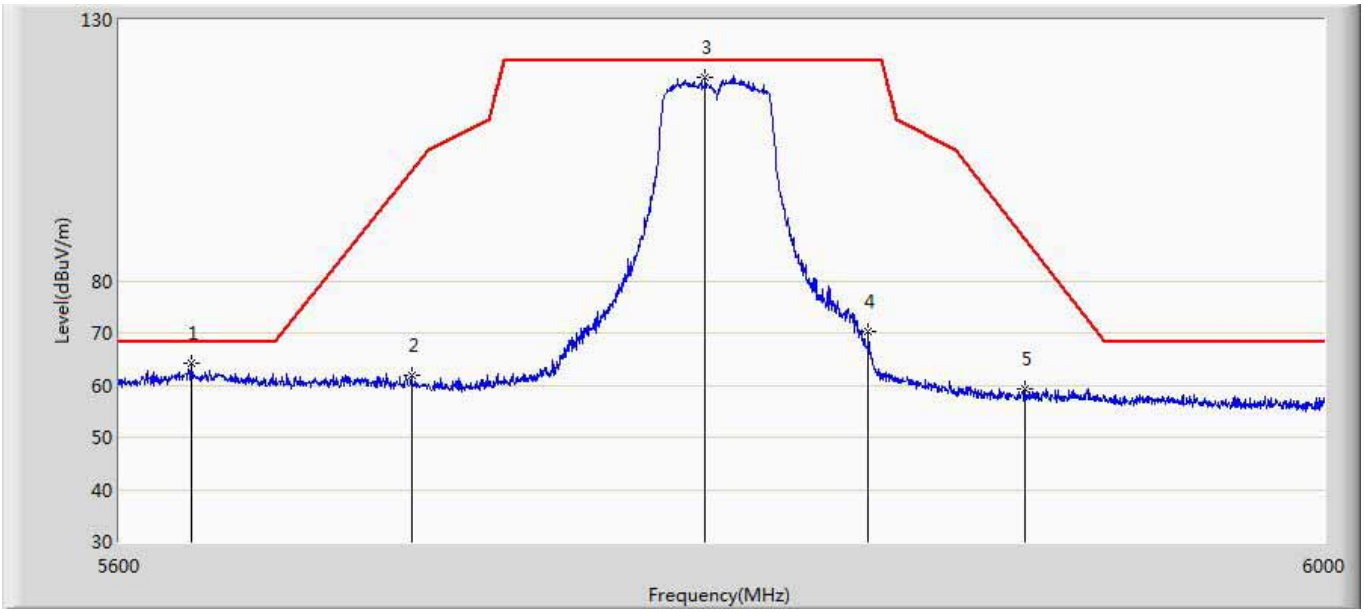
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5623.200	66.266	23.987	-1.934	68.200	42.279	PK
2		5705.000	68.909	26.687	-37.691	106.600	42.221	PK
3		5750.000	117.583	75.347	-4.617	122.200	42.236	PK
4		5806.200	83.604	41.296	-38.596	122.200	42.309	PK
5		5918.600	61.244	18.643	-11.692	72.936	42.601	PK

Profile: 1732120R	Page No.: 84
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:17
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 23:Transmit at 5755 by 802.11n40 Ant0+1	



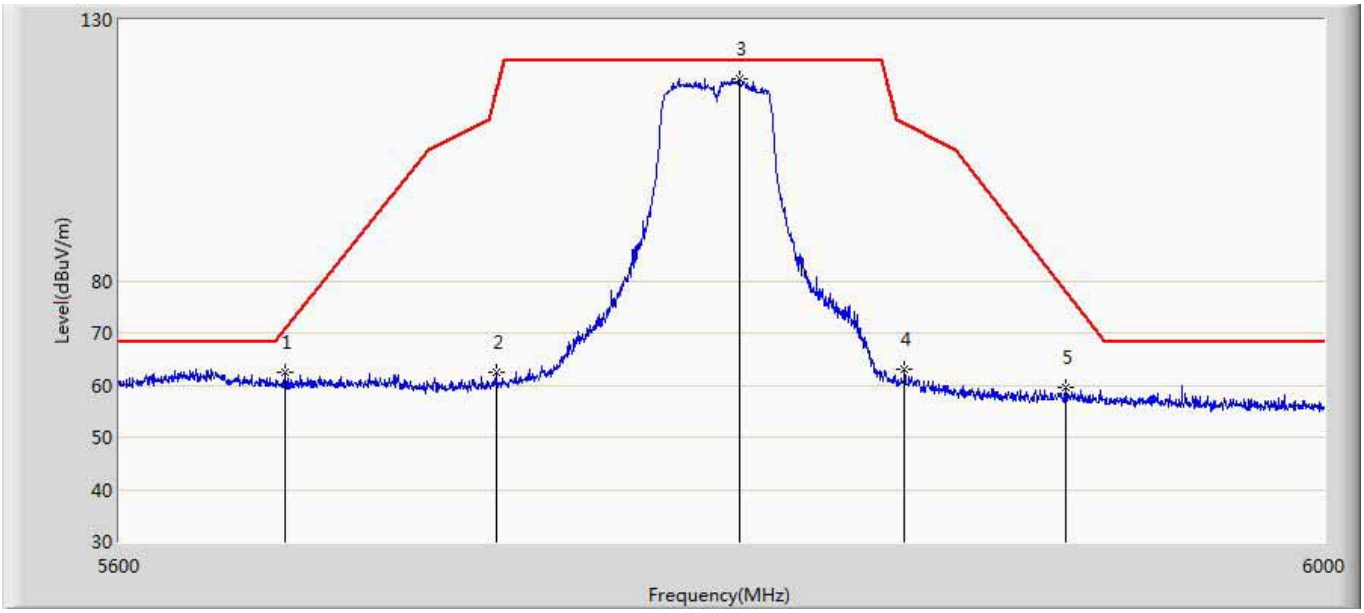
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5632.400	67.064	24.854	-1.136	68.200	42.210	PK
2		5709.600	72.572	30.350	-35.316	107.888	42.222	PK
3		5761.000	118.941	76.641	-3.259	122.200	42.300	PK
4		5806.600	83.395	41.087	-38.805	122.200	42.308	PK
5		5882.800	62.057	19.575	-37.371	99.428	42.482	PK

Profile: 1732120R	Page No.: 85
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 23:Transmit at 5795 by 802.11n40 Ant0+1	



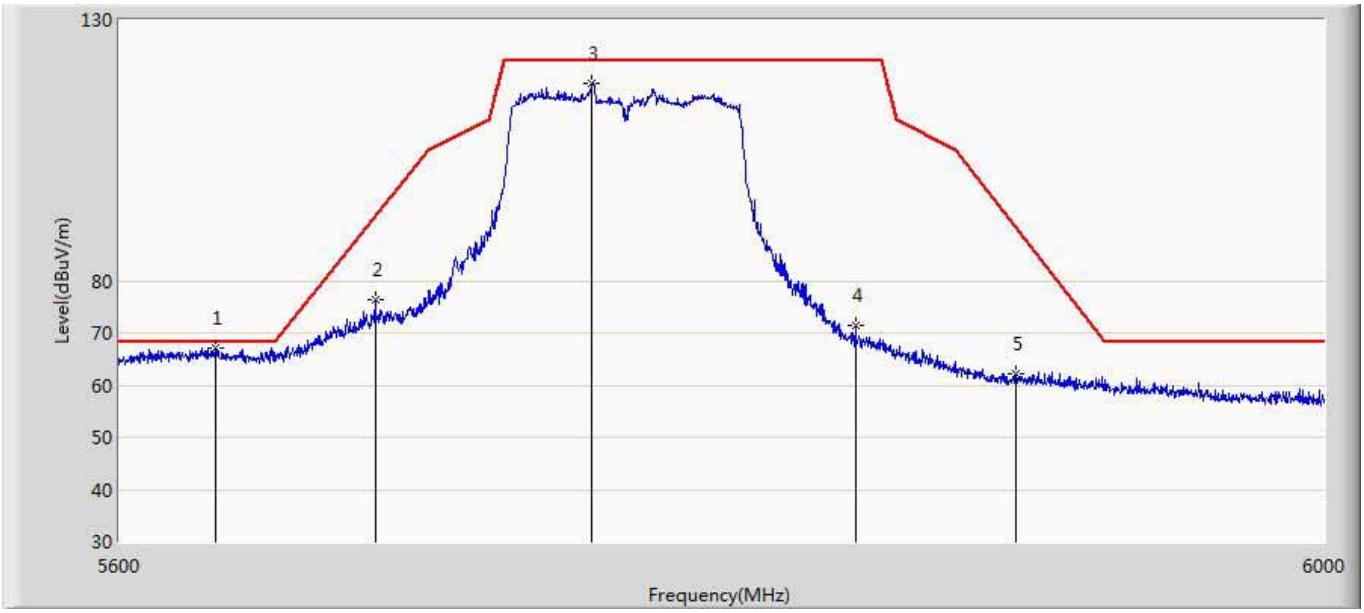
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5623.200	64.101	21.822	-4.099	68.200	42.279	PK
2		5694.600	61.894	19.668	-39.310	101.204	42.226	PK
3	*	5791.200	118.996	76.684	-3.204	122.200	42.312	PK
4		5845.600	70.338	27.933	-51.862	122.200	42.405	PK
5		5898.000	59.406	16.930	-28.774	88.180	42.477	PK

Profile: 1732120R	Page No.: 86
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 23:Transmit at 5795 by 802.11n40 Ant0+1	



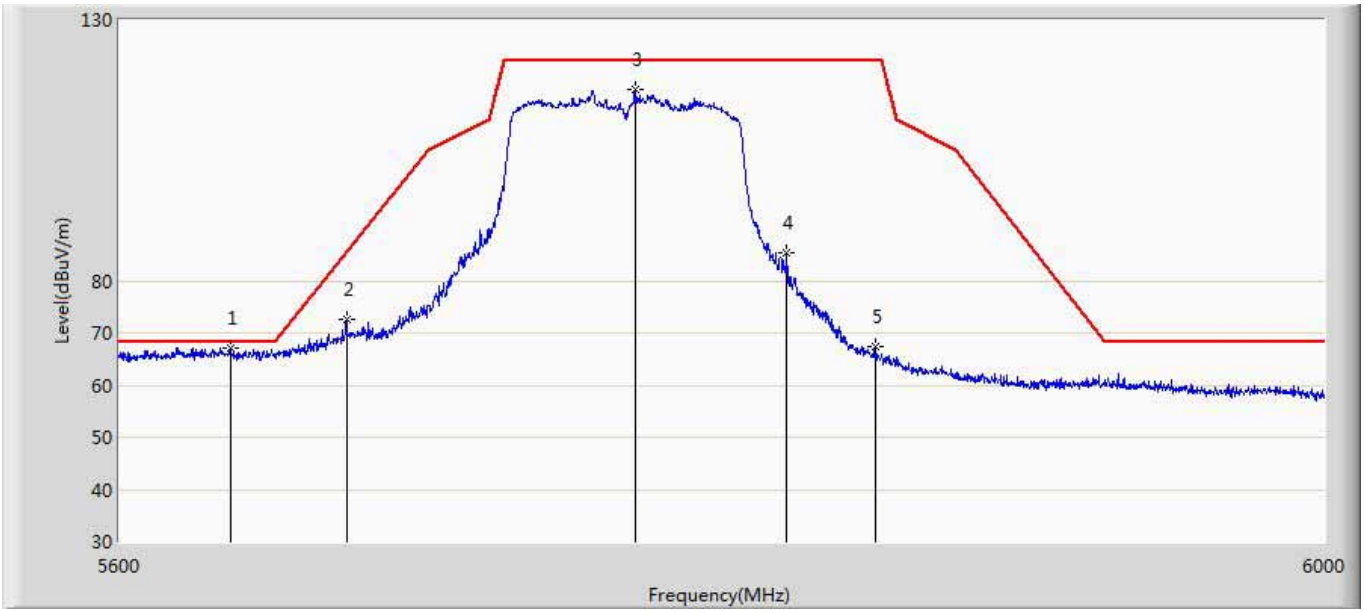
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5653.600	62.578	20.364	-8.286	70.864	42.214	PK
2		5722.200	62.367	20.097	-53.449	115.816	42.270	PK
3	*	5802.400	118.722	76.411	-3.478	122.200	42.310	PK
4		5857.600	62.947	20.523	-47.125	110.072	42.424	PK
5		5911.800	59.440	16.795	-18.528	77.968	42.645	PK

Profile: 1732120R	Page No.: 87
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:25
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AP	Power: AC 120V/60Hz
Note: Mode 24:Transmit at 5775 by 802.11ac80 Ant0+1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5631.200	67.150	24.929	-1.050	68.200	42.221	PK
2		5682.800	76.400	34.190	-16.072	92.472	42.210	PK
3		5753.600	117.882	75.623	-4.318	122.200	42.259	PK
4		5841.200	71.387	29.003	-50.813	122.200	42.384	PK
5		5895.200	62.218	19.764	-28.034	90.252	42.454	PK

Profile: 1732120R	Page No.: 88
Engineer: Rony	
Site: AC5	Time: 2017/05/18 - 03:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AP	Power: AC 120V/60Hz
Note: Mode 24:Transmit at 5775 by 802.11ac80 Ant0+1	



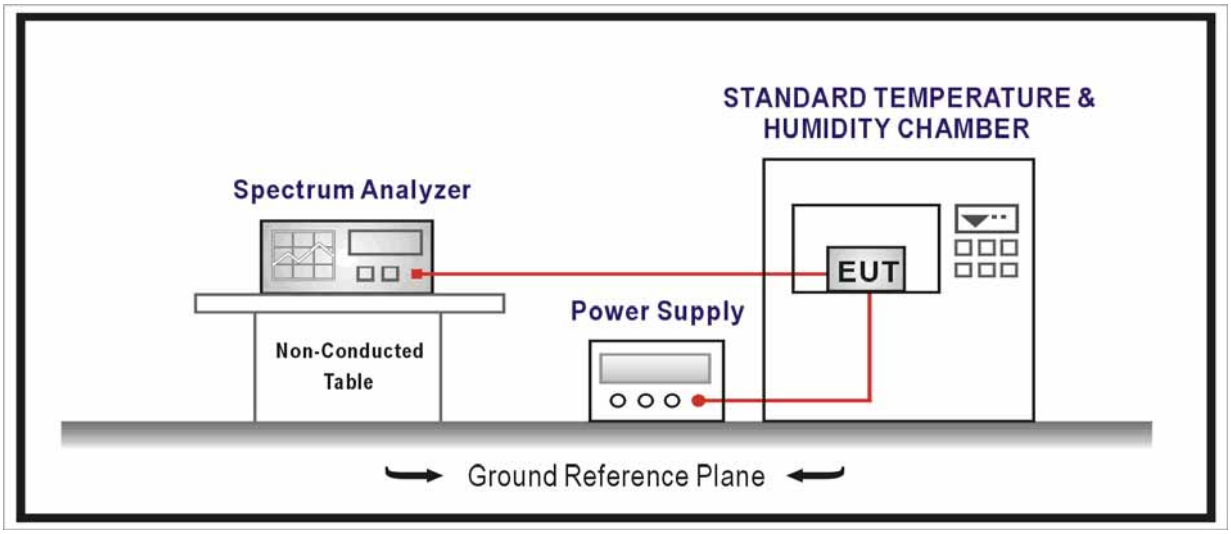
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5635.800	67.007	24.827	-1.193	68.200	42.180	PK
2		5673.400	72.469	30.269	-13.047	85.516	42.201	PK
3		5768.200	116.615	74.319	-5.585	122.200	42.296	PK
4		5818.200	85.475	43.167	-36.725	122.200	42.308	PK
5		5848.000	67.490	25.081	-54.710	122.200	42.409	PK

10. Frequency Stability

10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.09
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.09
AC Power Supply	IDRC	CF-500TP	979422	2016.09.16	2017.09.16
DC Power Supply	IDRC	CD-035-020PR	977272	2016.09.16	2017.09.16
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2017.01.04	2018.01.03
Temperature/Humidity Meter	zhichen	ZC1-2	TR7-TH	2017.04.10	2018.04.10
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

10.2. Test Setup



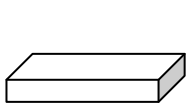
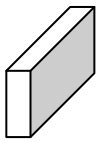
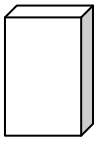
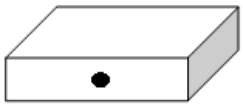
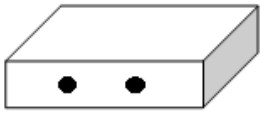
10.3. Limit

Frequency Stability Limit	
UNII Devices	
☒	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11n-2009	
☒	The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25ppm maximum for the 2.4 GHz band.

10.4. Test Procedure

Frequency Stability Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

10.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Frequency Stability</td></tr>
<tr><td rowspan="5">Device Category</td><td>☒</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☒</td><td colspan="3">Fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</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>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

10.6. Test Result

Product Name	:	AP	Power	:	AC 120V/60Hz
Model No.	:	WA748	Test Site	:	TR7
Test Mode	:	Carrier Wave	Test Date	:	2017.05.14

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
-30	5180.000	119	0.0229
-20	5180.000	-109	-0.0210
-10	5180.000	-149	-0.0287
0	5180.000	114	0.0220
10	5180.000	-93	-0.0179
20	5180.000	-87	-0.0167
30	5180.000	106	0.0204
40	5180.000	99	0.0191
50	5180.000	-122	-0.0235
-30	5785.000	116	0.0200
-20	5785.000	154	0.0266
-10	5785.000	119	0.0205
0	5785.000	124	0.0214
10	5785.000	-84	-0.0145
20	5785.000	-96	-0.0165
30	5785.000	251	0.0433
40	5785.000	178	0.0307
50	5785.000	160	0.0276

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
93.5	5180.000	119	0.0229
110	5180.000	100	0.0193
126.5	5180.000	110	0.0212
93.5	5785.000	113	0.0195
110	5785.000	117	0.0202
126.5	5785.000	-152	-0.0262

11. Antenna Requirement

11.1. Limit

Antenna Requirement Limit
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

11.2. Antenna Connector Construction

Antenna Connector Construction	
☒	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☐	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document “Internal Photograph” to show the antenna connector.	

The End