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CNAS L5313



DEKRA

# Test Report

## FCC Part15 Subpart E

Product Name : Xiaomi Router 3 Pro

Model No. : R3P

FCC ID : 2AIMRMIWIFIR3P

Applicant : Beijing Xiaomi Electronics Co.,Ltd

Address : Room 707,7F, Building 5, No 58, JinghaiWulu Road,  
Beijing, China

Date of Receipt : Apr. 26 , 2017

Test Date : Apr. 26 , 2017~ Aug. 16, 2017

Issued Date : Aug. 16, 2017

Report No. : 1742141R-RF-US-P09V02

Report Version : V1.1

The test results relate only to the samples tested.

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

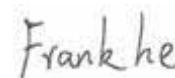
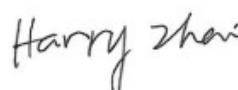
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## Test Report Certification

Issued Date : Aug. 16, 2017  
Report No. : 1742141R-RF-US-P09V02



Product Name : Xiaomi Router 3 Pro  
Applicant : Beijing Xiaomi Electronics Co.,Ltd  
Address : Room 707,7F, Building 5, No 58, JinghaiWulu Road, Beijing, China  
Manufacturer : Nanning Fugui Precision Industrial Co,Ltd.Shajing Branch  
Address : No. 51 Tongle Road, Foxconn Industial Park .District Jiangnan .NanNing City,GuangXi China  
Model No. : R3P  
FCC ID : 2AIMRMIWIFIR3P  
EUT Voltage : DC12V, 1.5A  
Test Voltage : AC 110V/60Hz  
Brand Name : MI  
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  
Test Result : Complied  
Performed Location : DEKRA Testing and Certification (Suzhou) Co., Ltd.  
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(Engineering Manager: Harry Zhao )

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## History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1742141R-RF-US-P09V02	V1.0	Initial Issued Report	July. 07, 2017
1742141R-RF-US-P09V02	V1.1	On page 355,Add 2.4G and 5G Simultaneously Transmit.	Aug. 16, 2017

## 1. General Information

### 1.1. EUT Description

Product Name	Xiaomi Router 3 Pro					
Brand Name	MI					
Model No.	R3P					
EUT Voltage	DC12V, 1.5A					
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 450Mbps					
	802.11ac: up to 1.3Gbps					
Channel Control	Auto					
Transmit modes	<input checked="" type="checkbox"/>	802.11a	<input checked="" type="checkbox"/>	802.11n(20MHz)	<input checked="" type="checkbox"/>	802.11n(40MHz)
	<input checked="" type="checkbox"/>	802.11ac(20MHz)	<input checked="" type="checkbox"/>	802.11ac(40MHz)	<input checked="" type="checkbox"/>	802.11ac(80MHz)
Support Bands	<input checked="" type="checkbox"/>	5150MHz~5250MHz	<input type="checkbox"/>	Outdoor AP		
			<input checked="" type="checkbox"/>	Indoor AP		
			<input type="checkbox"/>	Fixed point-to-point AP		
			<input type="checkbox"/>	Fixed point-to-Multi point AP		
			<input type="checkbox"/>	Mobile and Portable Client		
	<input type="checkbox"/> 5250MHz~5350MHz					
	<input type="checkbox"/>	5470MHz~5725MHz	<input type="checkbox"/>	With TDWR Channels		
			<input type="checkbox"/>	Without TDWR Channels		
	<input checked="" type="checkbox"/>	5725MHz~5850MHz				

## 1.2. Antenna information

Model No.	N/A							
Antenna manufacturer	Dongguan renfeng electronic technology co., LTD							
Frequency Range	2400-2483.5MHz,5150-5350MHz,5725-5850MHz							
Antenna Delivery	<input checked="" type="checkbox"/>	1*TX+1*RX	<input type="checkbox"/>	2*TX+2*RX	<input type="checkbox"/>	3*TX+3*RX	<input checked="" type="checkbox"/>	4*TX+4*RX
Antenna technology	<input checked="" type="checkbox"/>	SISO						
	<input checked="" type="checkbox"/>	MIMO	<input type="checkbox"/>	Basic				
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	CDD				
Antenna Type	<input checked="" type="checkbox"/>	External	<input checked="" type="checkbox"/>	Beam-forming				
	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Dipole				
	<input type="checkbox"/>		<input type="checkbox"/>	PIFA				
	<input type="checkbox"/>		<input type="checkbox"/>	PCB				
	<input type="checkbox"/>		<input type="checkbox"/>	Ceramic Chip Antenna				
	<input type="checkbox"/>		<input type="checkbox"/>	Metal plate type F antenna				
Antenna Gain 0	1.77dBi							
Antenna Gain 1	1.77dBi							
Antenna Gain 2	1.76dBi							
Antenna Gain 3	1.77dBi							
Beamforming Antenna Gain	7.77dBi							

**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 Modes List
Mode 1: Transmit by 802.11a with SISO
Mode 2: Transmit by 802.11n(20MHz) with SISO
Mode 3: Transmit by 802.11n(40MHz) with SISO
Mode 4: Transmit by 802.11ac(20MHz) with SISO
Mode 5: Transmit by 802.11ac(40MHz) with SISO
Mode 6: Transmit by 802.11ac(80MHz) with SISO
Mode 7: Transmit by 802.11a with CDD
Mode 8: Transmit by 802.11n(20MHz) with CDD
Mode 9: Transmit by 802.11n(40MHz) with CDD
Mode 10: Transmit by 802.11ac(20MHz) with CDD
Mode 11: Transmit by 802.11ac(40MHz) with CDD
Mode 12: Transmit by 802.11ac(80MHz) with CDD
Mode 13: Transmit by 802.11n(20MHz) with Beamforming
Mode 14: Transmit by 802.11n(40MHz) with Beamforming
Mode 15: Transmit by 802.11ac(20MHz) with Beamforming
Mode 16: Transmit by 802.11ac(40MHz) with Beamforming
Mode 17: Transmit by 802.11ac(80MHz) with Beamforming

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.

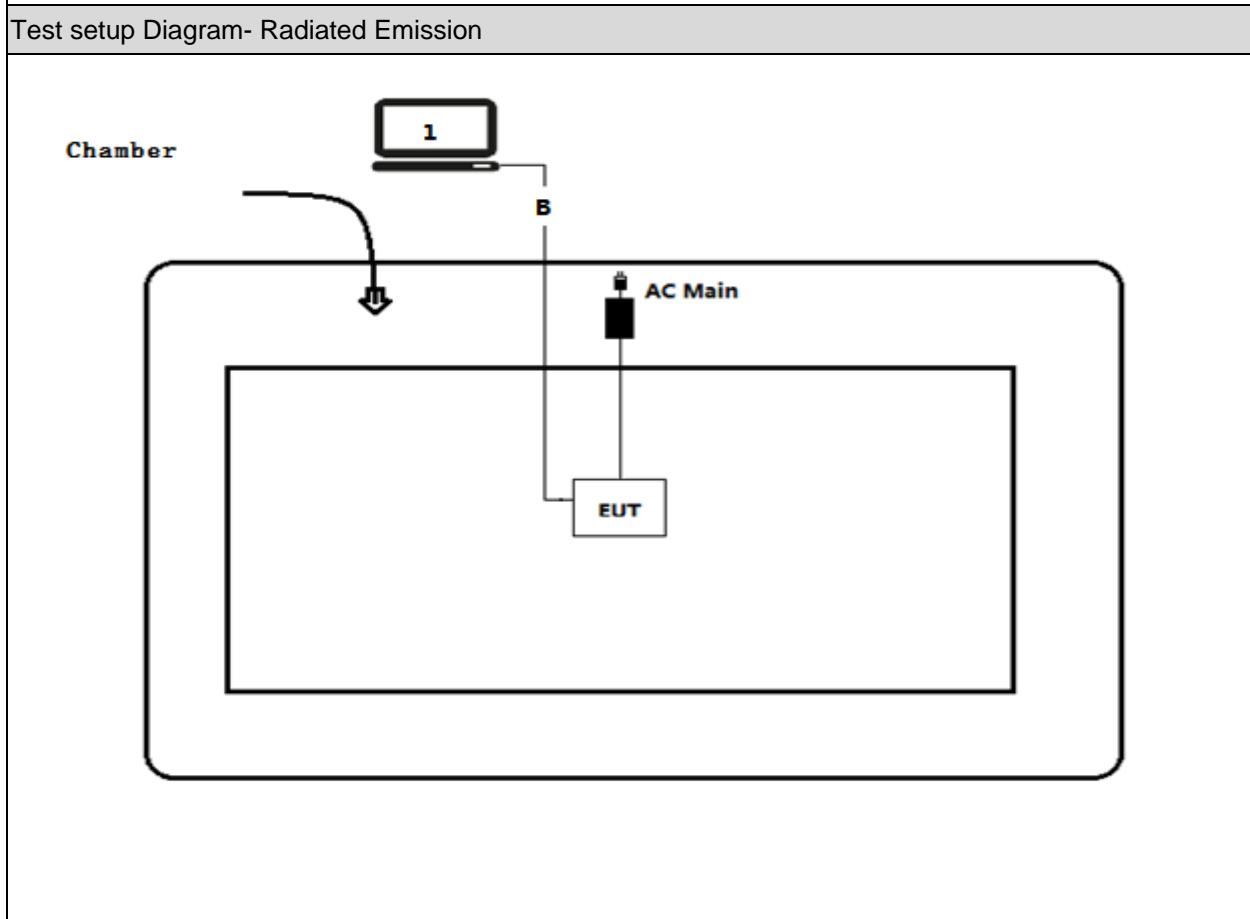
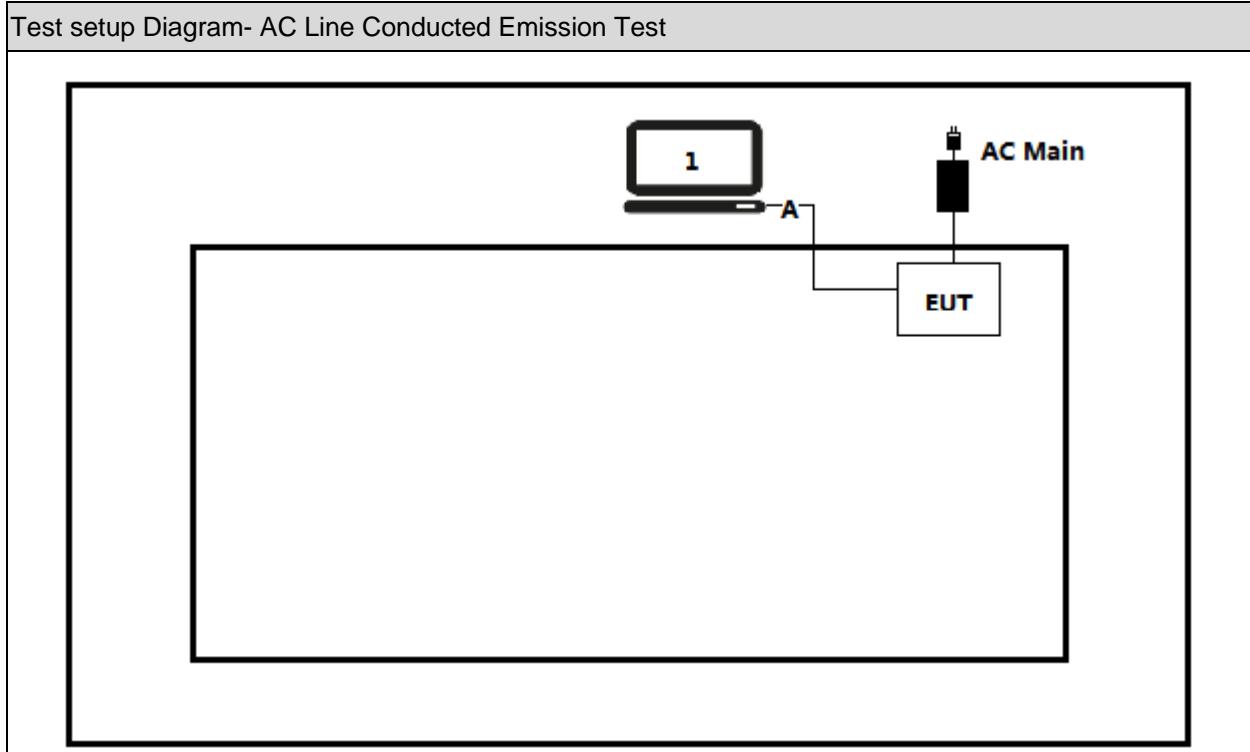
Note 2: For portable device, radiated tests was verified over X, Y, Z axis, and shown the worst case on this report.

### 1.5. Tested System Details

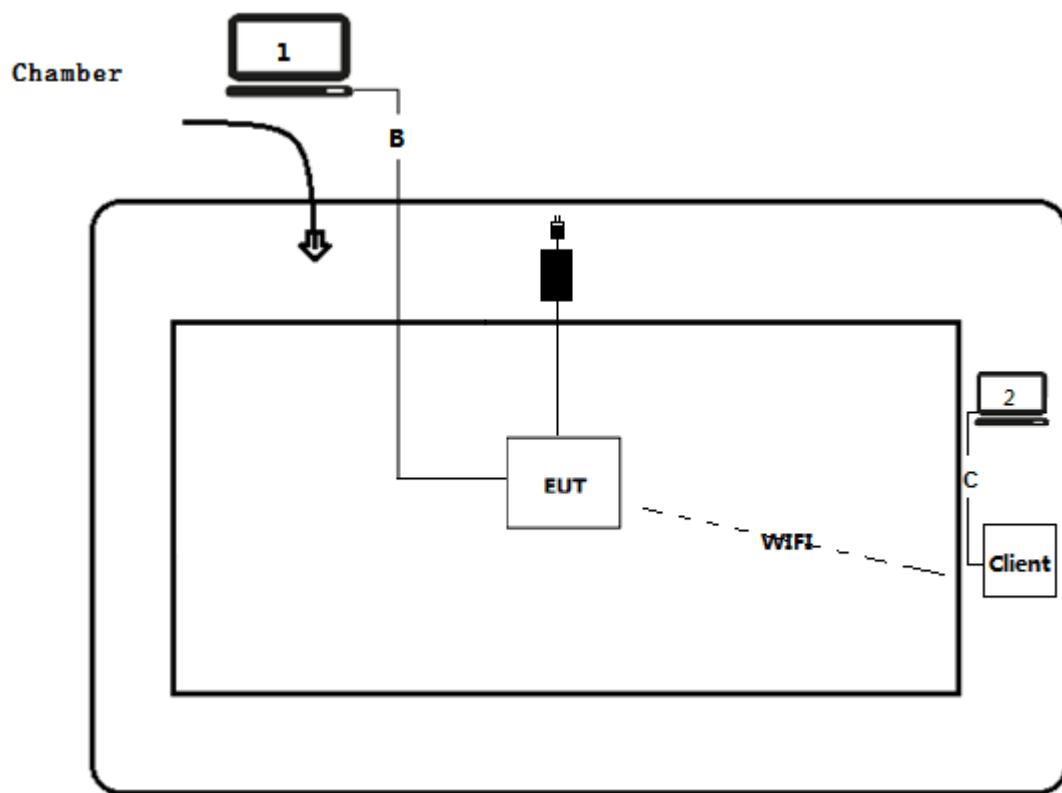
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

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- 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 (MTool), 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 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	---	---	6	6.5	7.2	13.5	15.0	
1	1	---	---	9	13.0	14.4	27.0	30.0	
2	1	---	---	12	19.5	21.7	40.5	45.0	
3	1	---	---	18	26.0	28.9	54.0	60.0	
4	1	---	---	24	39.0	43.3	81.0	90.0	
5	1	---	---	36	52.0	57.8	108.0	120.0	
6	1	---	---	48	58.5	65.0	121.5	135.0	
7	1	---	---	54	65.0	72.2	135.0	150.0	
8	2	---	---	---	13.0	14.4	27.0	30.0	
9	2	---	---	---	26.0	28.9	54.0	60.0	
10	2	---	---	---	39.0	43.3	81.0	90.0	
11	2	---	---	---	52.0	57.8	108.0	120.0	
12	2	---	---	---	78.0	86.7	162.0	180.0	
13	2	---	---	---	104.0	115.6	216.0	240.0	
14	2	---	---	---	117.0	130.0	243.0	270.0	
15	2	---	---	---	130.0	144.0	270.0	300.0	
16	3	---	---	---	19.5	21.6	40.5	45	
17	3	---	---	---	39	43.2	108	90	
18	3	---	---	---	58.5	65.1	162	135	
19	3	---	---	---	78	86.7	216	180	
20	3	---	---	---	117	129.9	324	270	
21	3	---	---	---	156	173.4	432	360	
22	3	---	---	---	175.5	195	486	405	
23	3	---	---	---	195	216.6	540	450	
24	4	---	---	---	26	28.8	54	60	
25	4	---	---	---	52	57.6	108	120	
26	4	---	---	---	78	86.8	162	180	
27	4	---	---	---	104	115.6	216	240	
28	4	---	---	---	156	173.2	324	360	
29	4	---	---	---	208	231.2	432	480	
30	4	---	---	---	234	260	486	540	
31	4	---	---	---	260	288.8	540	600	

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

Note 2 : The EUT has two spatial Streams

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)					
				20MHz		40MHz		80MHz	
				Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5
	1	QPSK	1/2	13	14.4	27	30	58.5	65
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5
	3	16-QAM	1/2	26	28.9	54	60	117	130
	4	16-QAM	3/4	39	43.3	81	90	175.5	195
	5	64-QAM	2/3	52	57.8	108	120	234	260
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5
	7	64-QAM	5/6	65	72.2	135	150	292.5	325
	8	256-QAM	3/4	78	86.7	162	180	351	390
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3
2	10	BPSK	1/2	13	14.4	27	30	58.6	65
	11	QPSK	1/2	26	28.8	54	60	117	130
	12	QPSK	3/4	39	43.4	81	90	175.6	195
	13	16-QAM	1/2	52	57.8	108	120	234	260
	14	16-QAM	3/4	78	86.6	162	180	351	390
	15	64-QAM	2/3	104	115.6	216	240	468	520
	16	64-QAM	3/4	117	130	243	270	526.6	585
	17	64-QAM	5/6	130	144.4	270	300	585	650
	18	256-QAM	3/4	156	173.4	324	360	702	780
	19	256-QAM	5/6	N/A	N/A	360	400	780	866.6
3	20	BPSK	1/2	19.5	21.6	40.5	45	87.9	97.5
	21	QPSK	1/2	39	43.2	81	90	175.5	195
	22	QPSK	3/4	58.5	65.1	121.5	135	263.4	292.5
	23	16-QAM	1/2	78	86.7	162	180	351	390
	24	16-QAM	3/4	117	129.9	243	270	526.5	585

	<b>25</b>	<b>64-QAM</b>	<b>2/3</b>	<b>156</b>	<b>173.4</b>	<b>324</b>	<b>360</b>	<b>702</b>	<b>780</b>
	<b>26</b>	<b>64-QAM</b>	<b>3/4</b>	<b>175.5</b>	<b>195</b>	<b>364.5</b>	<b>405</b>	<b>789.9</b>	<b>877.5</b>
	<b>27</b>	<b>64-QAM</b>	<b>5/6</b>	<b>195</b>	<b>216.6</b>	<b>405</b>	<b>450</b>	<b>877.5</b>	<b>975</b>
	<b>28</b>	<b>256-QAM</b>	<b>3/4</b>	<b>234</b>	<b>260.1</b>	<b>486</b>	<b>540</b>	<b>1053</b>	<b>1170</b>
	<b>29</b>	<b>256-QAM</b>	<b>5/6</b>	<b>N/A</b>	<b>N/A</b>	<b>540</b>	<b>600</b>	<b>1170</b>	<b>1299.9</b>
<b>4</b>	<b>30</b>	<b>BPSK</b>	<b>1/2</b>	<b>26</b>	<b>28.8</b>	<b>54</b>	<b>60</b>	<b>117.2</b>	<b>130</b>
	<b>31</b>	<b>QPSK</b>	<b>1/2</b>	<b>52</b>	<b>57.6</b>	<b>108</b>	<b>120</b>	<b>234</b>	<b>260</b>
	<b>32</b>	<b>QPSK</b>	<b>3/4</b>	<b>78</b>	<b>86.8</b>	<b>162</b>	<b>180</b>	<b>351.2</b>	<b>390</b>
	<b>33</b>	<b>16-QAM</b>	<b>1/2</b>	<b>104</b>	<b>115.6</b>	<b>216</b>	<b>240</b>	<b>468</b>	<b>520</b>
	<b>34</b>	<b>16-QAM</b>	<b>3/4</b>	<b>156</b>	<b>173.2</b>	<b>324</b>	<b>360</b>	<b>702</b>	<b>780</b>
	<b>35</b>	<b>64-QAM</b>	<b>2/3</b>	<b>208</b>	<b>231.2</b>	<b>432</b>	<b>480</b>	<b>936</b>	<b>1040</b>
	<b>36</b>	<b>64-QAM</b>	<b>3/4</b>	<b>234</b>	<b>260</b>	<b>486</b>	<b>540</b>	<b>1053.2</b>	<b>1170</b>
	<b>37</b>	<b>64-QAM</b>	<b>5/6</b>	<b>260</b>	<b>288.8</b>	<b>540</b>	<b>600</b>	<b>1170</b>	<b>1300</b>
	<b>38</b>	<b>256-QAM</b>	<b>3/4</b>	<b>312</b>	<b>346.8</b>	<b>648</b>	<b>720</b>	<b>1404</b>	<b>1560</b>
	<b>39</b>	<b>256-QAM</b>	<b>5/6</b>	<b>N/A</b>	<b>N/A</b>	<b>720</b>	<b>800</b>	<b>1560</b>	<b>1733.2</b>

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

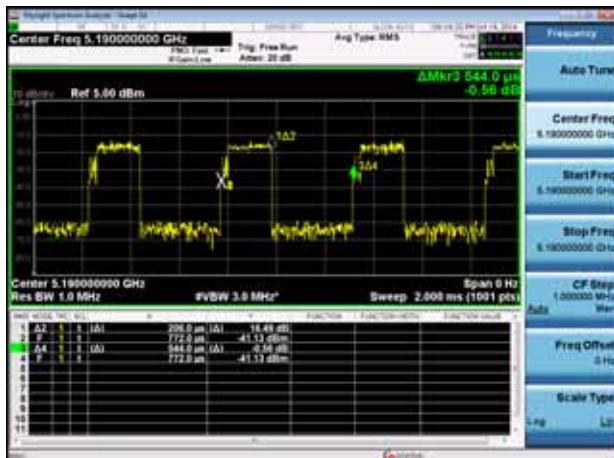
## 2.4. Duty Cycle

### SISO&CDD:

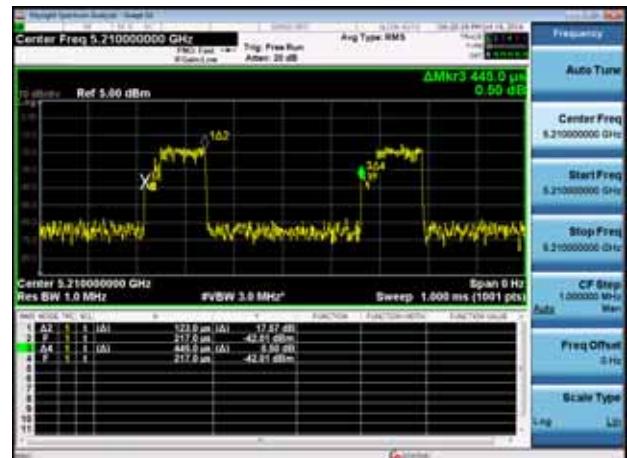
Test Mode	Tx On (ms)	Tx Off (ms)	VBW (kHz)	Tx On + Tx Off (ms)	Duty Cycle
802.11a	1.385	0.345	0.75	1.730	80.06%
802.11n(20MHz)	0.364	0.326	3	0.690	52.75%
802.11n(40MHz)	0.200	0.344	5.1	0.544	36.76%
802.11ac(20MHz)	0.370	0.334	3	0.704	52.56%
802.11ac(40MHz)	0.206	0.338	5.1	0.544	37.87%
802.11ac(80MHz)	0.123	0.322	8.2	0.445	27.64%



802.11ac(40MHz)



802.11ac(80MHz)

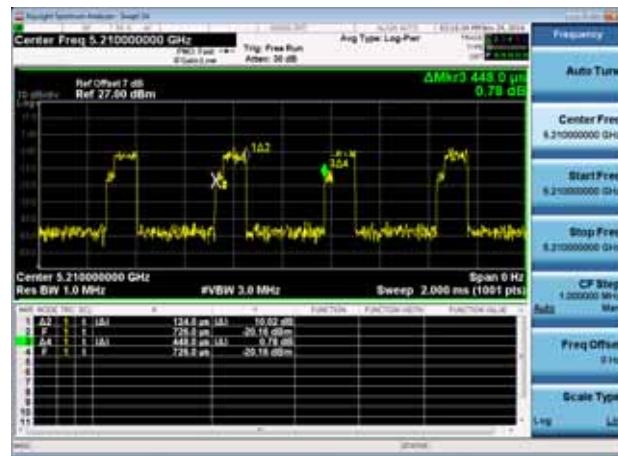


### Beam-forming:

Test Mode	Tx On (ms)	Tx Off (ms)	VBW (kHz)	Tx On + Tx Off (ms)	Duty Cycle
802.11n(20MHz)	0.360	0.346	3	0.706	50.99%
802.11n(40MHz)	0.202	0.342	5.1	0.544	37.13%
802.11ac(20MHz)	0.362	0.340	3	0.702	51.57%
802.11ac(40MHz)	0.208	0.332	5.1	0.540	38.52%
802.11ac(80MHz)	0.124	0.324	8.2	0.448	27.68%



## 802.11ac(80MHz)



## 2.5. Test Environment

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

## 2.6. 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

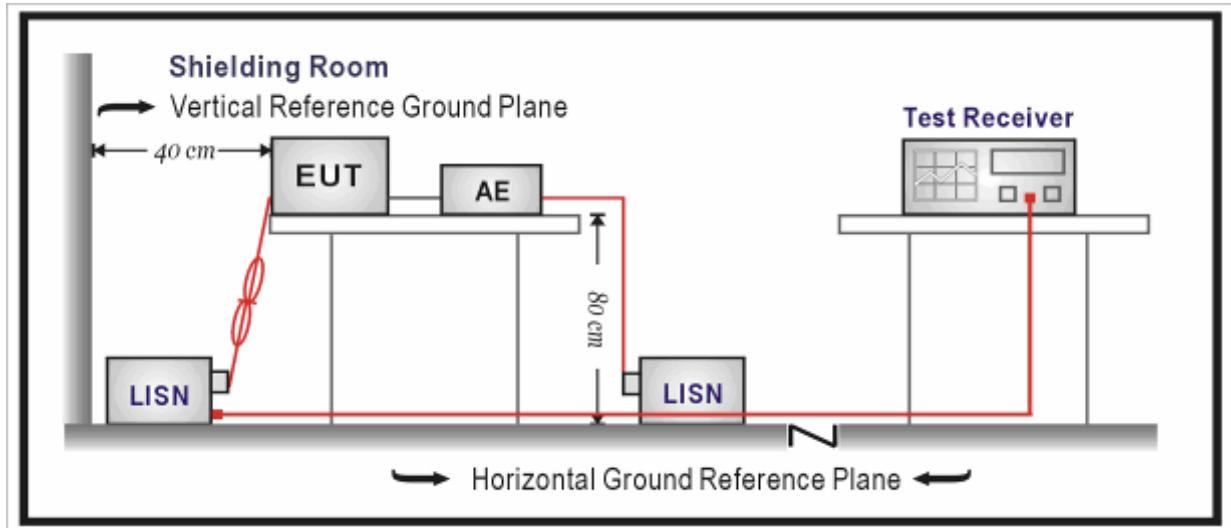
### 3. Conducted Emission

#### 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 (dB µ V)	AV (dB µ V)
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

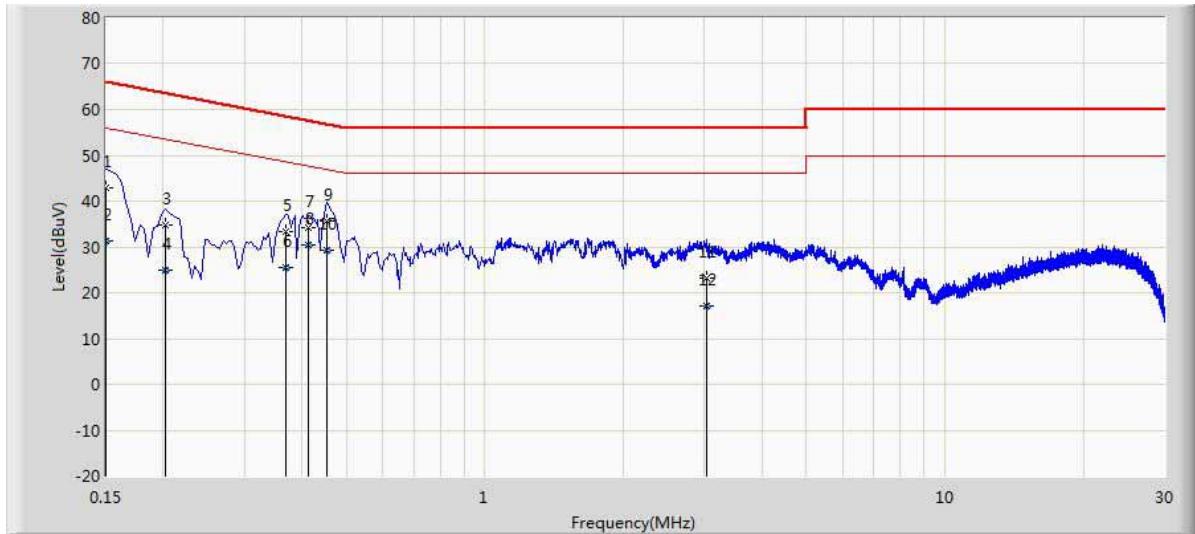
Test Method			
	References Rule	Chapter	Item
<input checked="" type="checkbox"/>	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices
<input checked="" type="checkbox"/>	ANSI C63.4-2014	7	AC power-line conducted emission measurements

### 3.5. Test Result

Product Name	:	Xiaomi Router 3 Pro	Polarity	:	Line
Test Item	:	AC Power Line Conducted Emission	Power	:	AC 120V/60Hz
Test Site	:	TR1	Test Mode	:	Mode 1
Test Date	:	2017.05.10			

No	Frequen cy (MHz)	Measur e Level (dB $\mu$ V)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V)	Probe (dB)	Cable (dB)	Type
1	0.150	43.025	33.394	-22.975	66.000	9.610	0.021	QP
2	0.150	31.393	21.763	-24.607	56.000	9.610	0.021	AV
3	0.202	34.718	25.086	-28.810	63.528	9.601	0.031	QP
4	0.202	24.927	15.295	-28.601	53.528	9.601	0.031	AV
5	0.370	33.283	23.646	-25.218	58.501	9.600	0.037	QP
6	0.370	25.502	15.864	-22.999	48.501	9.600	0.037	AV
7	0.414	34.331	24.691	-23.237	57.568	9.600	0.039	QP
8	0.414	30.550	20.911	-17.018	47.568	9.600	0.039	AV
9	0.454	35.705	26.061	-21.097	56.802	9.600	0.044	QP
10	0.454	29.187	19.544	-17.614	46.802	9.600	0.044	AV
11	3.042	23.075	13.338	-32.925	56.000	9.627	0.110	QP
12	3.042	17.115	7.377	-28.885	46.000	9.627	0.110	AV

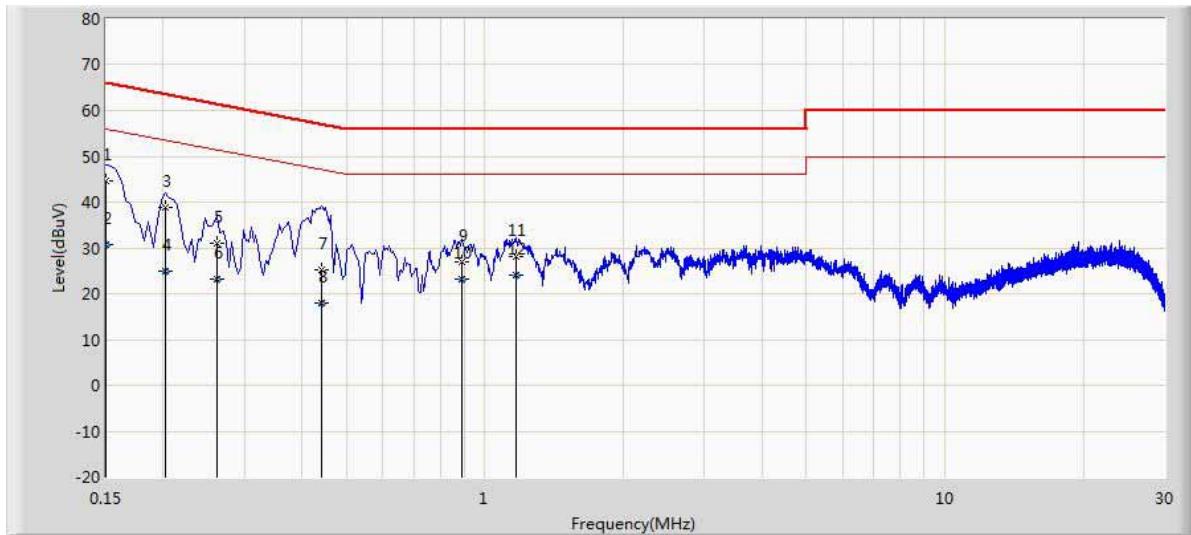
#### Polarity: Line



Product Name	:	Xiaomi Router 3 Pro	Polarity	:	Neutral
Test Item	:	AC Power Line Conducted Emission	Power	:	AC 120V/60Hz
Test Site	:	TR1	Test Mode	:	Mode 1
Test Date	:	2017.05.10			

No	Frequency (MHz)	Measure Level (dB $\mu$ V)	Reading Level (dB $\mu$ V)	Over Limit (dB)	Limit (dB $\mu$ V)	Probe (dB)	Cable (dB)	Type
1	0.150	44.668	35.053	-21.332	66.000	9.594	0.021	QP
2	0.150	30.849	21.234	-25.151	56.000	9.594	0.021	AV
3	0.202	38.696	29.067	-24.832	63.528	9.598	0.031	QP
4	0.202	24.997	15.368	-28.531	53.528	9.598	0.031	AV
5	0.262	30.968	21.338	-30.400	61.368	9.598	0.032	QP
6	0.262	23.110	13.480	-28.258	51.368	9.598	0.032	AV
7	0.442	25.315	15.680	-31.710	57.024	9.592	0.043	QP
8	0.442	18.029	8.395	-28.995	47.024	9.592	0.043	AV
9	0.890	26.896	17.248	-29.104	56.000	9.590	0.058	QP
10	0.890	23.152	13.504	-22.848	46.000	9.590	0.058	AV
11	1.170	27.996	18.336	-28.004	56.000	9.594	0.066	QP
12	1.170	24.106	14.445	-21.894	46.000	9.594	0.066	AV

### Polarity: Neutral



## 4. Radiated Emission

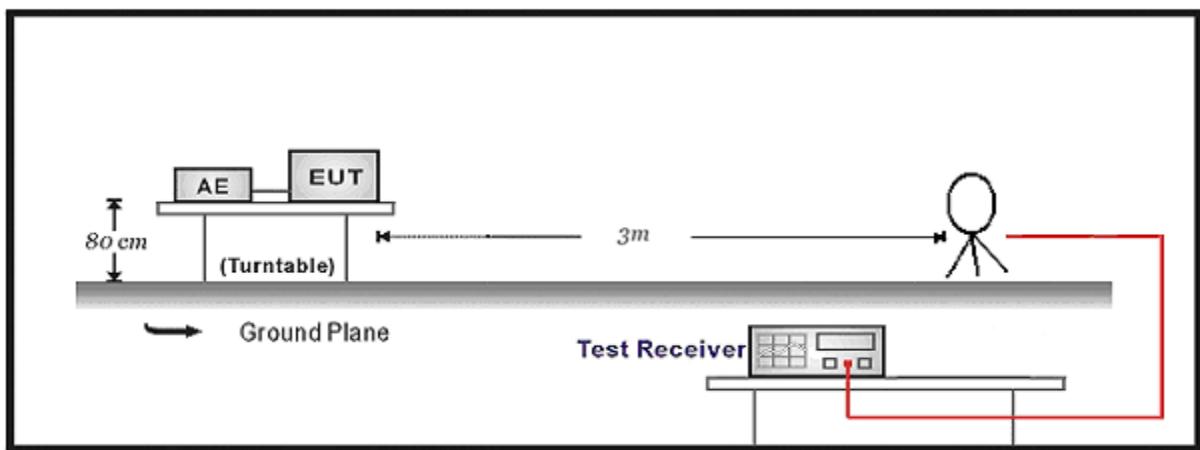
### 4.1. Test Equipment

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

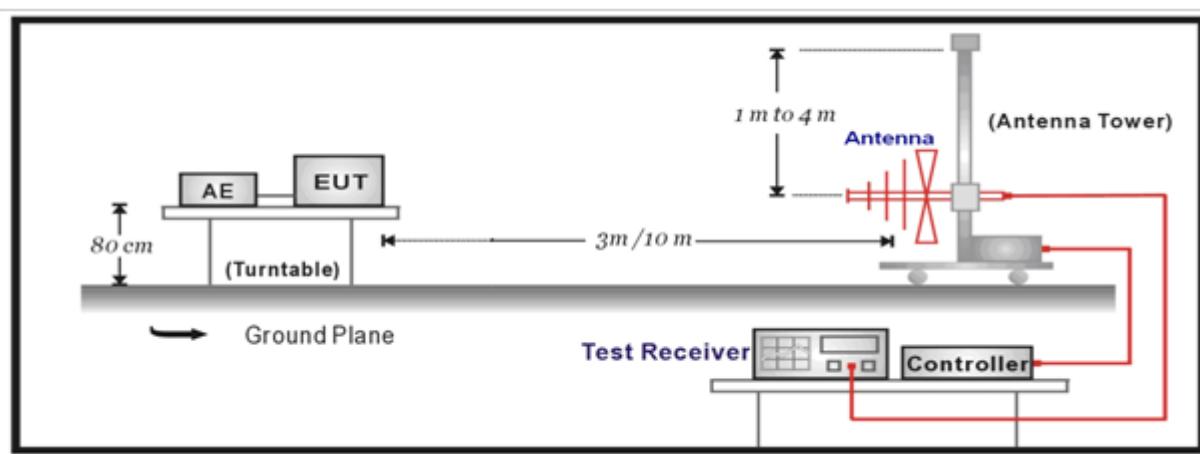
Radiated Emission / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Preamplifier	Miteq	NSP1800-25	1364185	2017.05.06	2018.05.05
Preamplifier	Quietek	AP-040G	CHM-0906001	2017.05.06	2018.05.05
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.22	2018.01.21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.11.25	2017.11.24
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.03.02	2018.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2017.03.02	2018.03.01
EMI Receiver	Agilent	N9038A	MY51210196	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

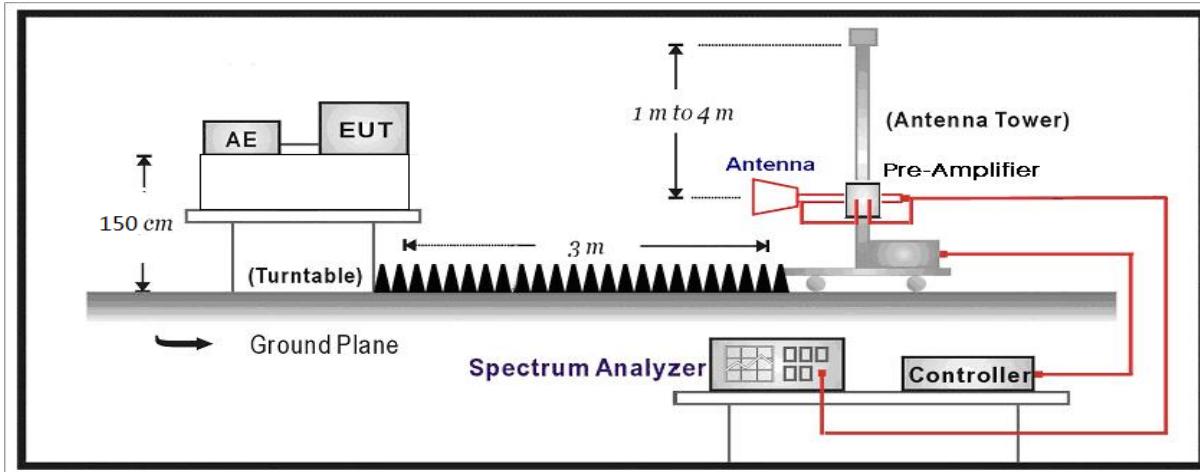
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



#### 4.3. Limit

<b>FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)</b>		
Frequency (MHz)	Distance (m)	Level (dB $\mu$ V/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

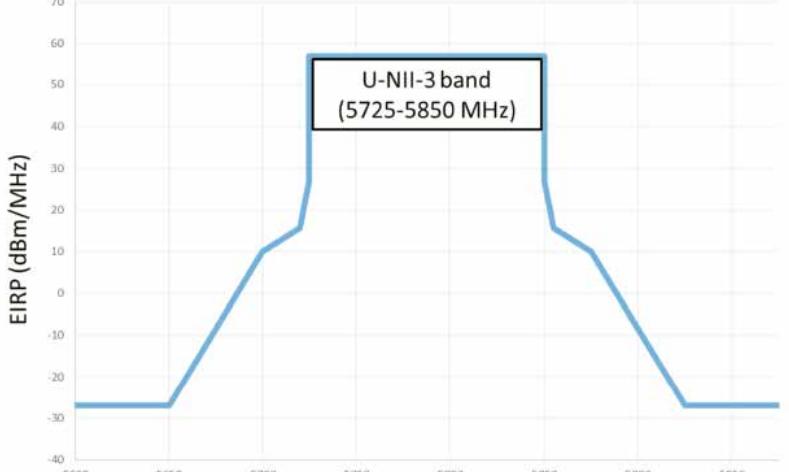
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

<b>FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)</b>			
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			

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

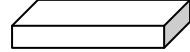
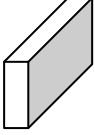
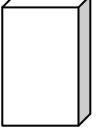
  

<b>FCC 16-24-A1</b>	
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5825	

#### 4.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
<input type="checkbox"/>	ANSI C63.10	12.7.3	Emissions in non-restricted frequency bands
<input checked="" type="checkbox"/>	ANSI C63.10	12.7.2	Emissions in restricted frequency bands
	<input checked="" type="checkbox"/> ANSI C63.10	12.7.5	Radiated emission measurements
	<input checked="" type="checkbox"/> ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	<input type="checkbox"/> ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	<input checked="" type="checkbox"/> ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
<input type="checkbox"/>	FCC KDB 789033	G.2	Unwanted Emissions that fall Outside of the Restricted Bands
<input type="checkbox"/>	FCC KDB 789033	G.1	Unwanted Emissions in the Restricted Bands
	<input type="checkbox"/> FCC KDB 789033	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	<input type="checkbox"/> FCC KDB 789033	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	<input type="checkbox"/> FCC KDB 789033	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	<input type="checkbox"/> FCC KDB 789033	G.6.c	Method AD (Average detection)—primary method
	<input type="checkbox"/> FCC KDB 789033	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

#### 4.5. EUT test Axis definition

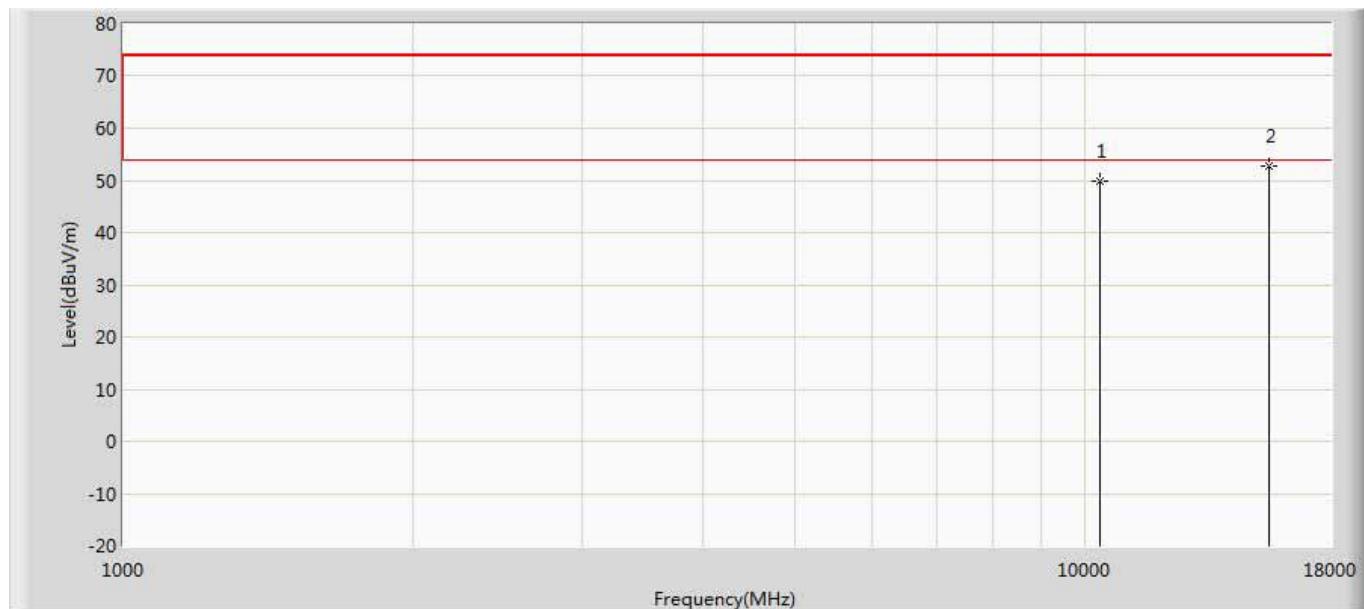
Item	Radiated Emission				
Device Category	<input type="checkbox"/>	Outdoor AP			
	<input checked="" type="checkbox"/>	Indoor AP			
	<input type="checkbox"/>	Fixed point-to-point AP			
	<input type="checkbox"/>	Fixed point-to-multipoint AP			
	<input type="checkbox"/>	Client			
Test mode	Mode 1-17				
Test method	<input checked="" type="checkbox"/>	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis <input checked="" type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	
	<input type="checkbox"/>	Conducted			
	<input checked="" type="checkbox"/>	Chain 1	Chain 2	Chain 3	Chain 4
					

## 4.6. Test Result

### SISO

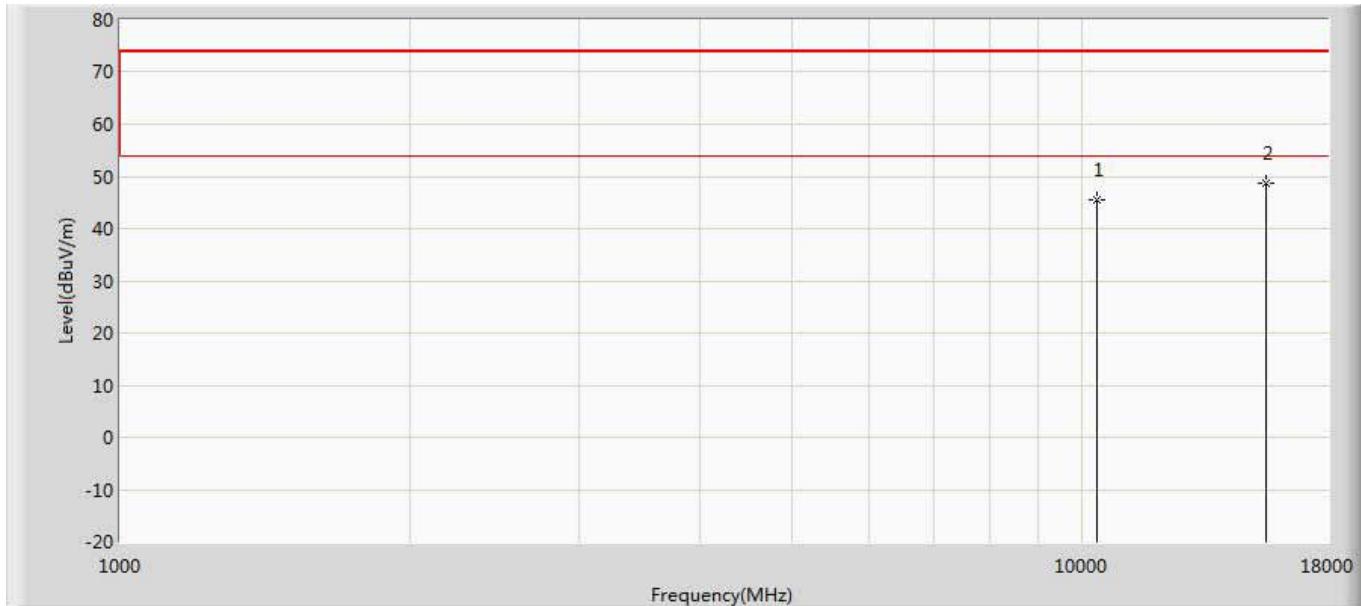
#### Ant #0

Site: AC5	Time: 2017/06/05 - 11:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180MHz by 802.11aANT0	



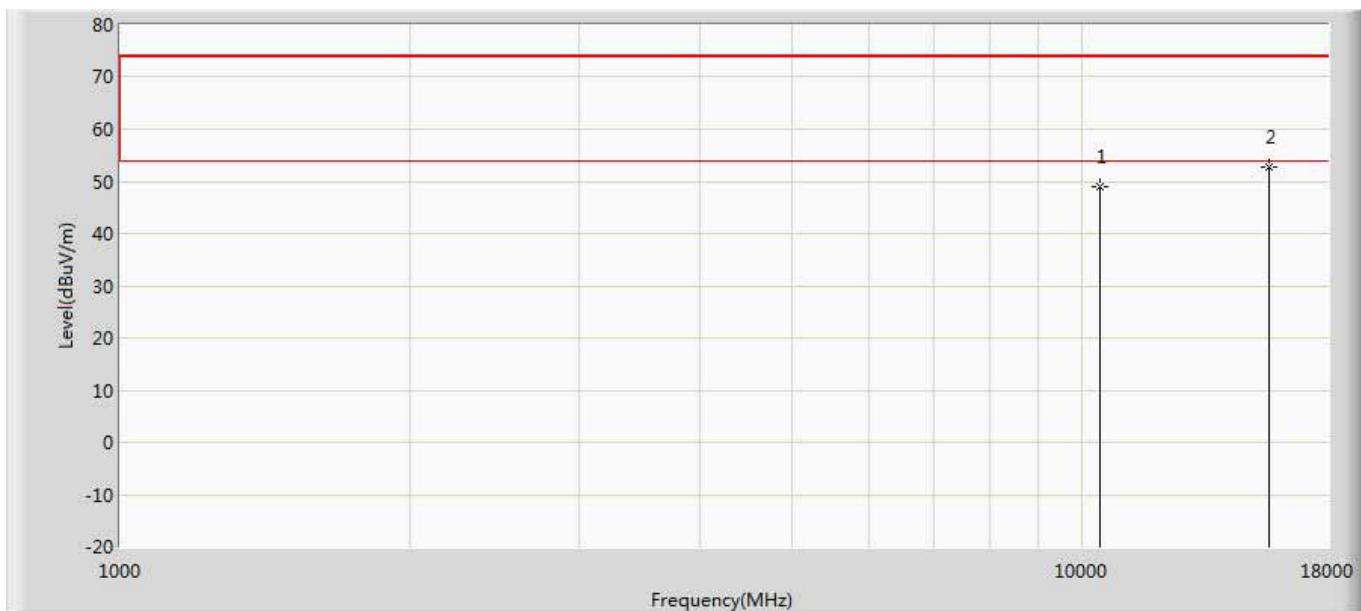
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.868	36.521	-24.132	74.000	13.347	PK
2	*	15540.000	52.691	34.213	-21.309	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180MHz by 802.11aANT0	



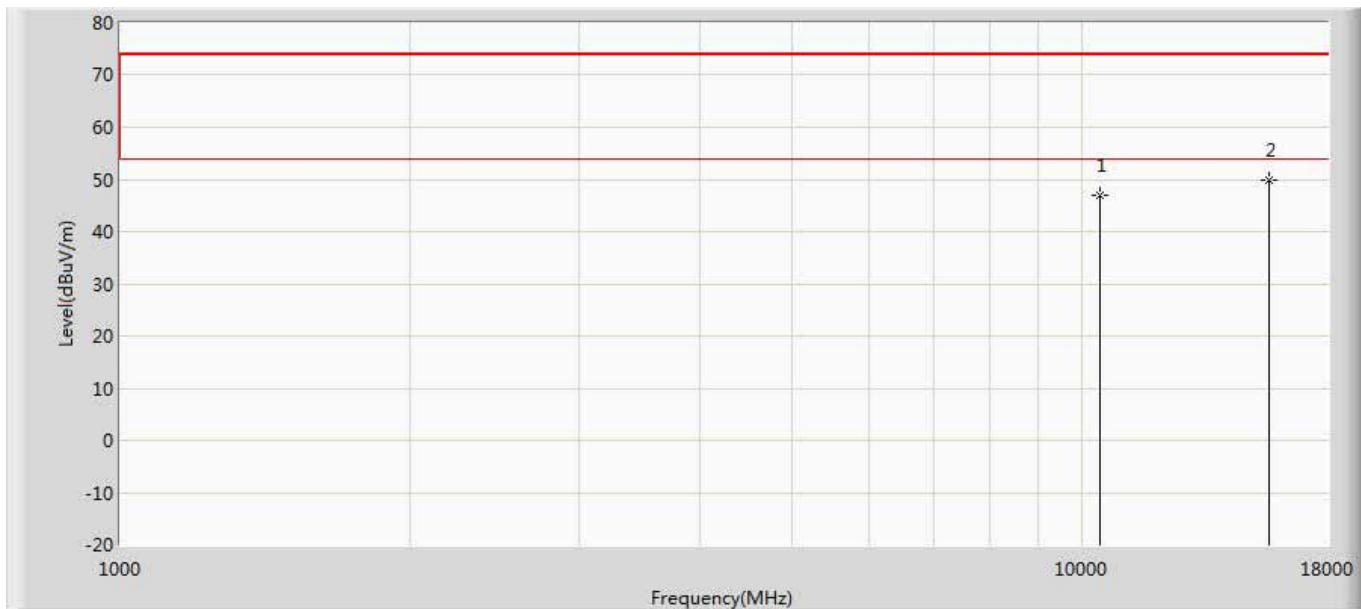
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.505	32.158	-28.495	74.000	13.347	PK
2	*	15540.000	48.603	30.125	-25.397	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220MHz by 802.11aANT0	



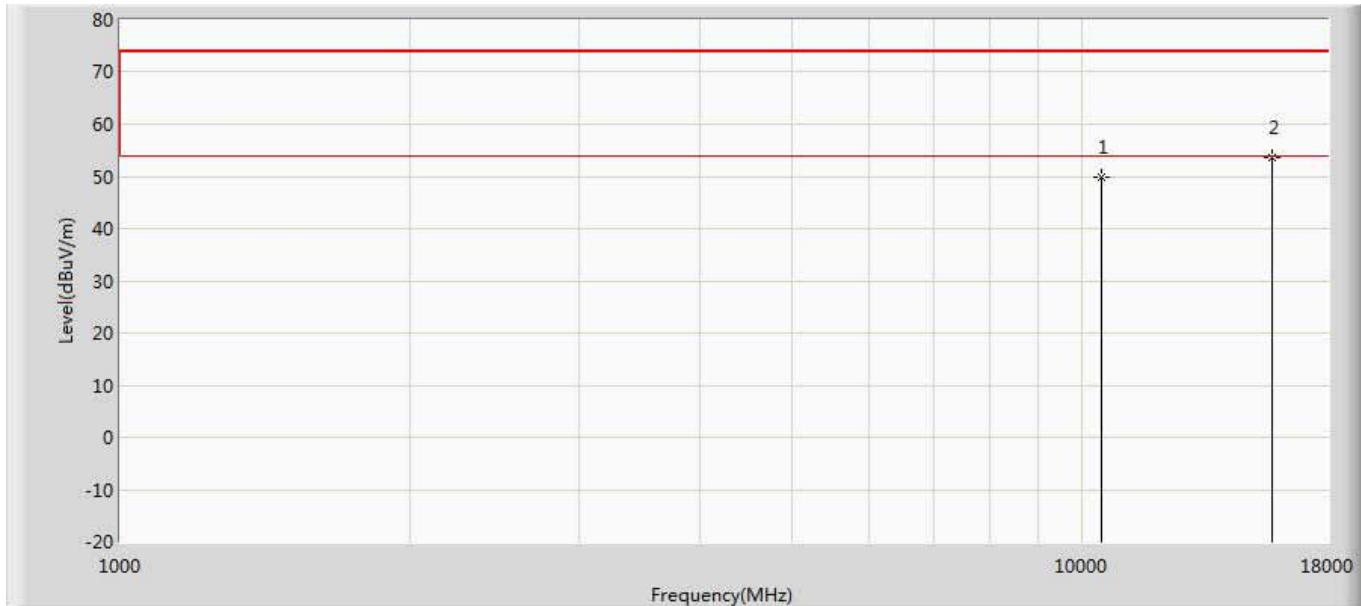
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	49.022	35.241	-24.978	74.000	13.781	PK
2	*	15660.000	52.701	34.123	-21.299	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220MHz by 802.11aANT0	



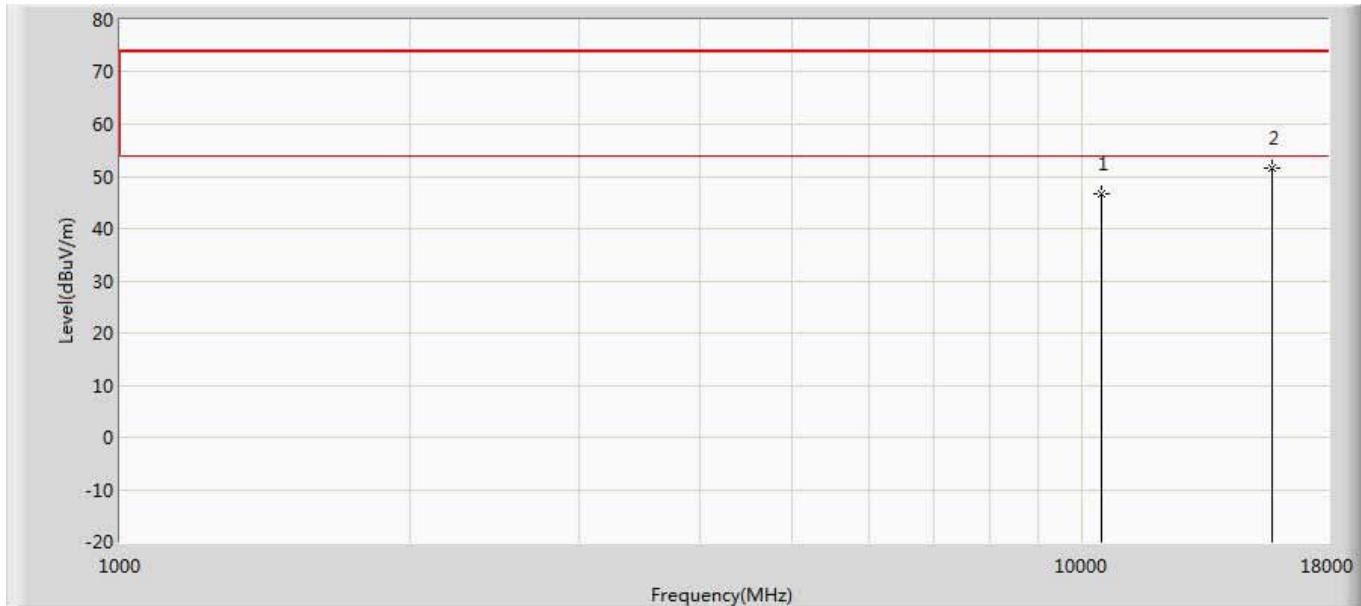
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	46.901	33.120	-27.099	74.000	13.781	PK
2	*	15660.000	49.832	31.254	-24.168	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240MHz by 802.11aANT0	



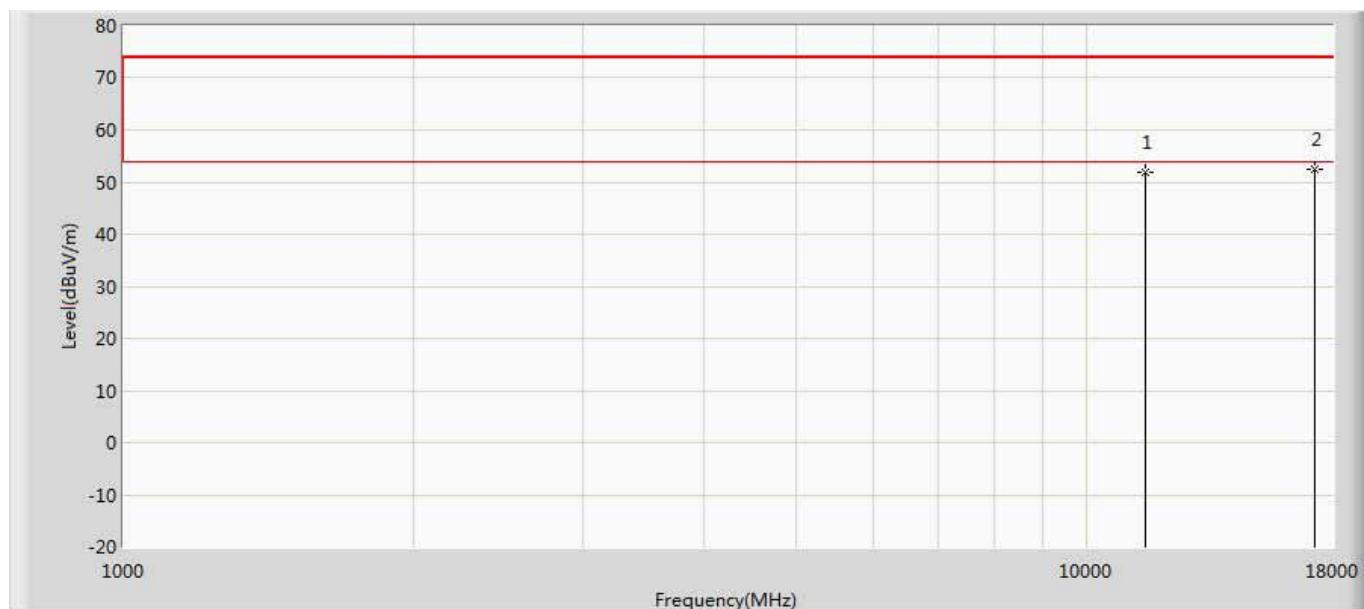
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	49.807	36.254	-24.193	74.000	13.552	PK
2	*	15720.000	53.532	33.258	-20.468	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240MHz by 802.11aANT0	



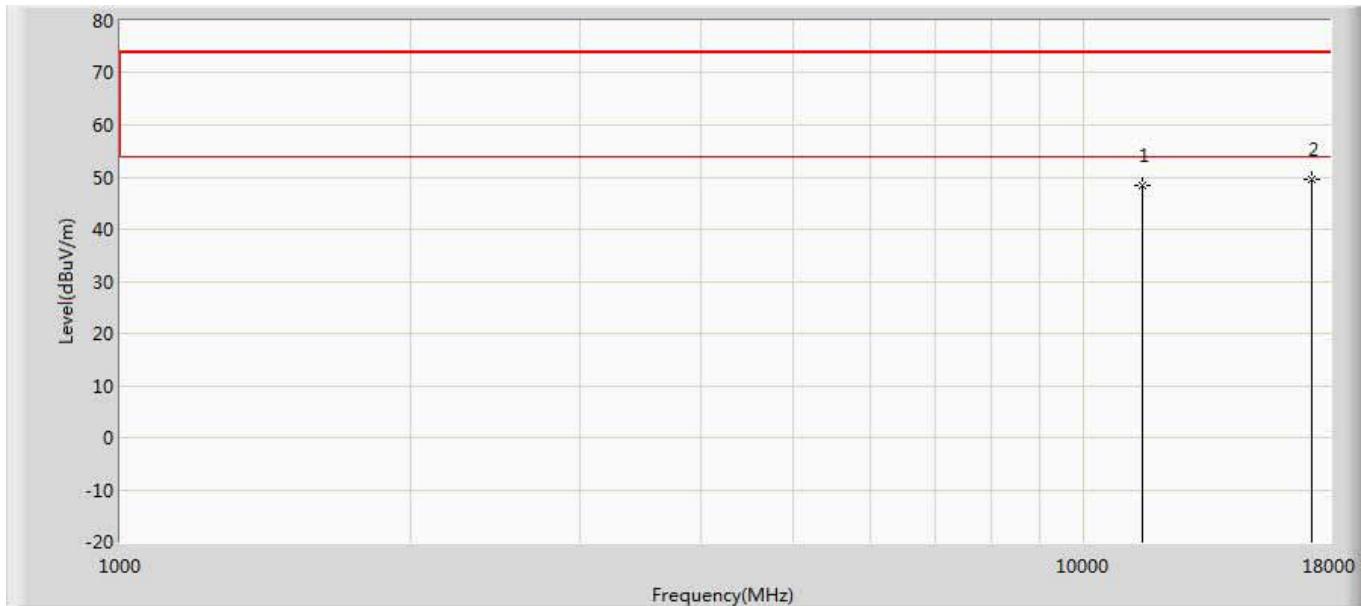
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	46.811	33.258	-27.189	74.000	13.552	PK
2	*	15720.000	51.528	31.254	-22.472	74.000	20.274	PK

Site:AC5	Time: 2017/06/05 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT0	



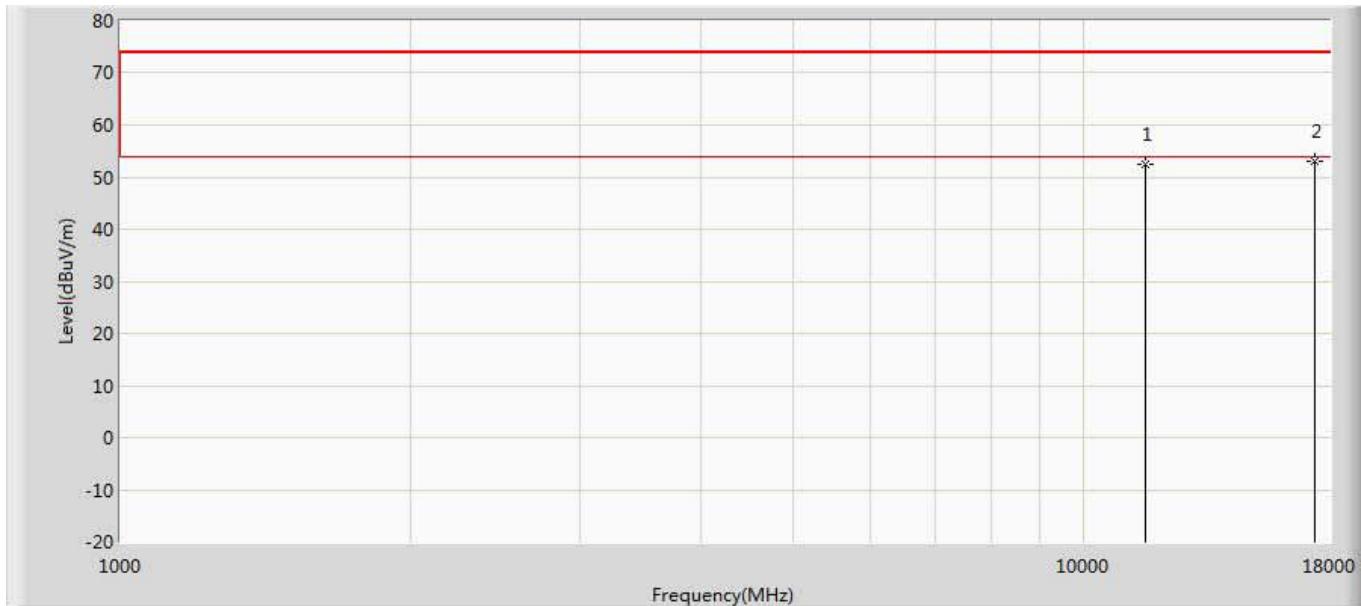
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.936	36.852	-22.064	74.000	15.084	PK
2	*	17235.000	52.595	33.116	-21.405	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 14:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT0	



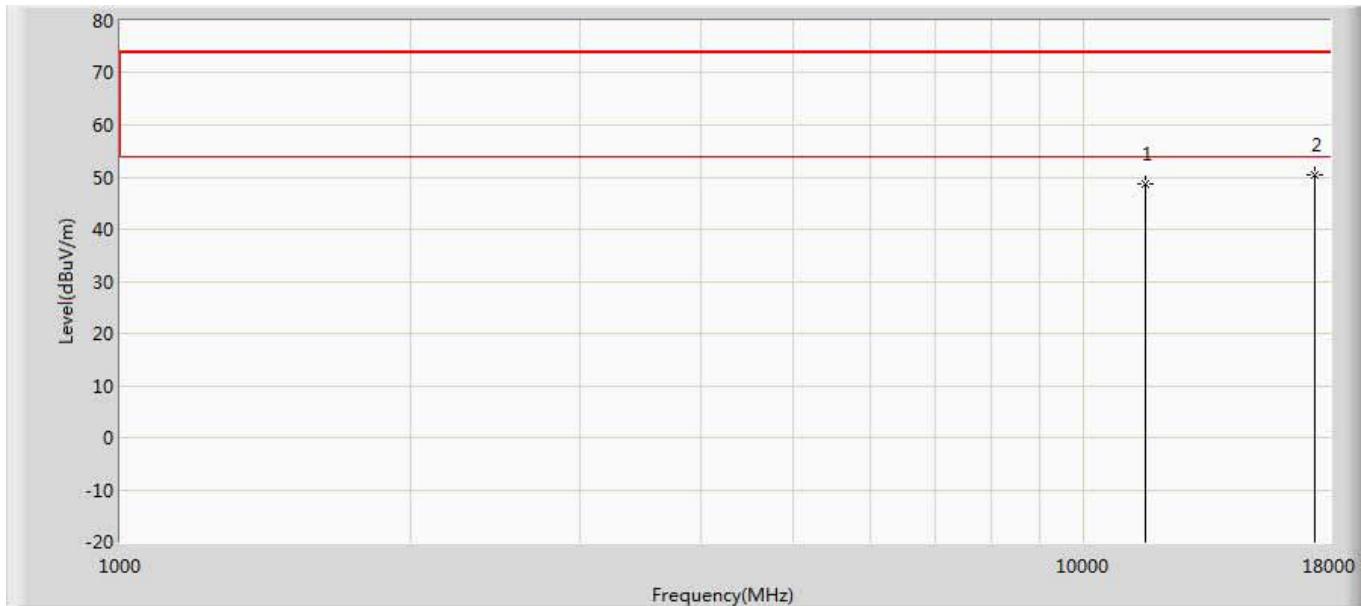
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	48.496	33.412	-25.504	74.000	15.084	PK
2	*	17235.000	49.493	30.014	-24.507	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 14:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT0	



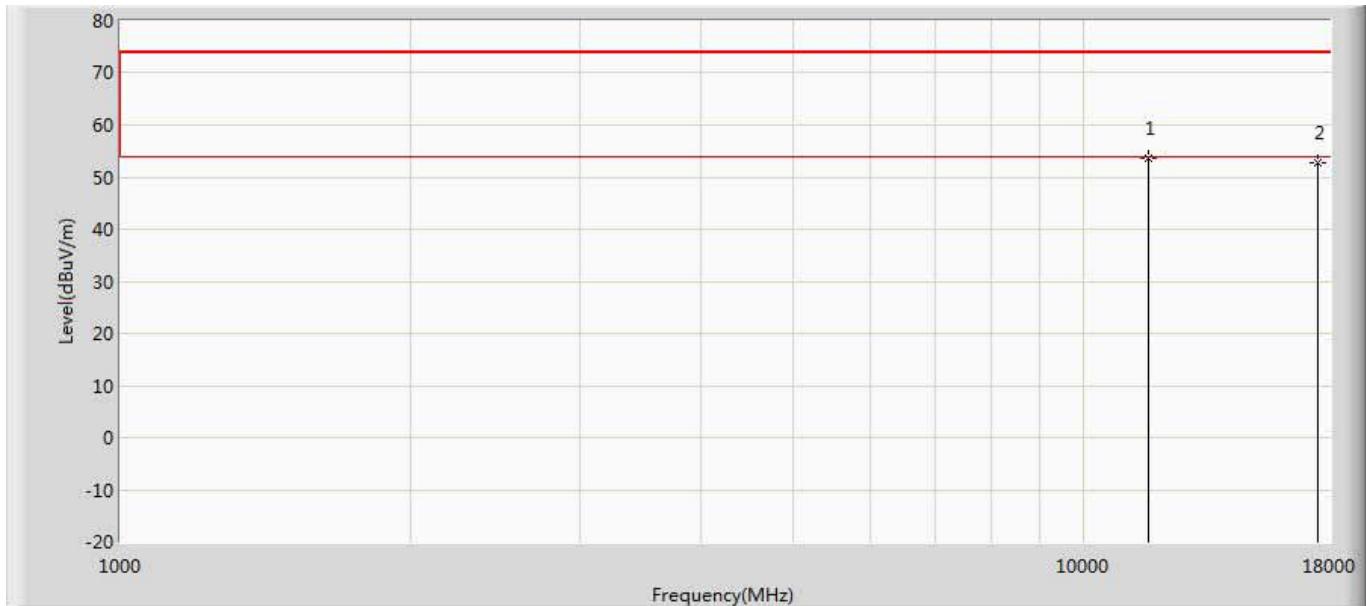
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.434	36.258	-21.566	74.000	16.177	PK
2	*	17355.000	53.165	32.581	-20.835	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 14:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT0	



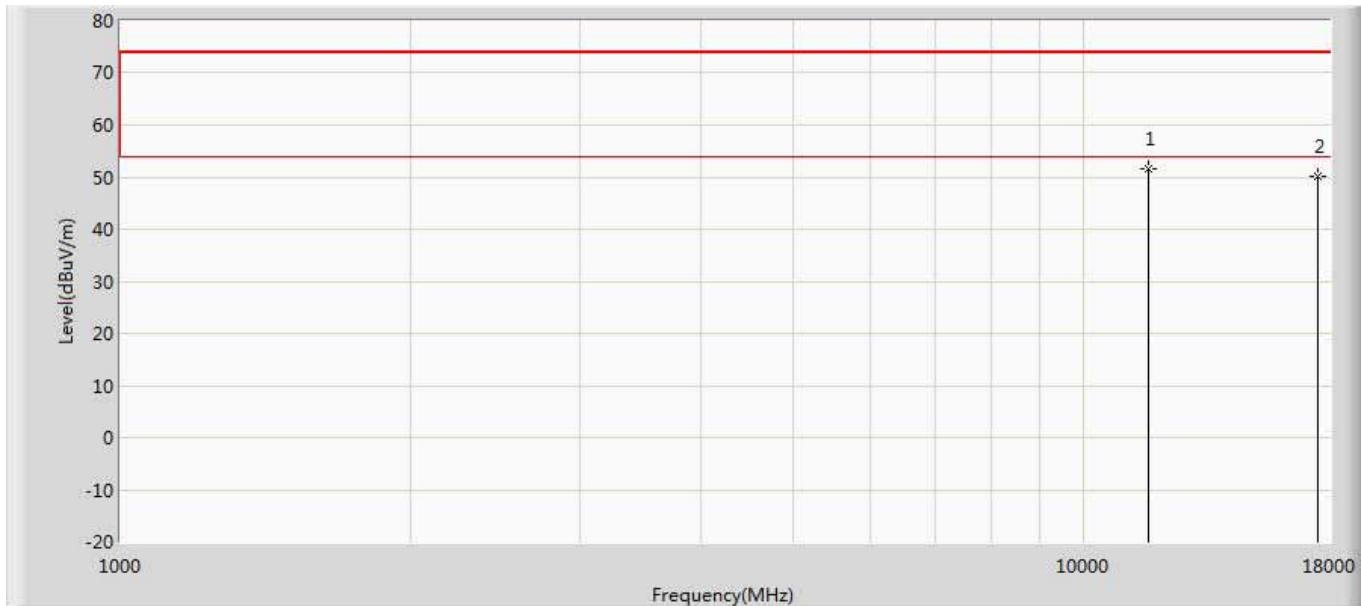
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.717	32.541	-25.283	74.000	16.177	PK
2	*	17355.000	50.460	29.876	-23.540	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 15:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT0	



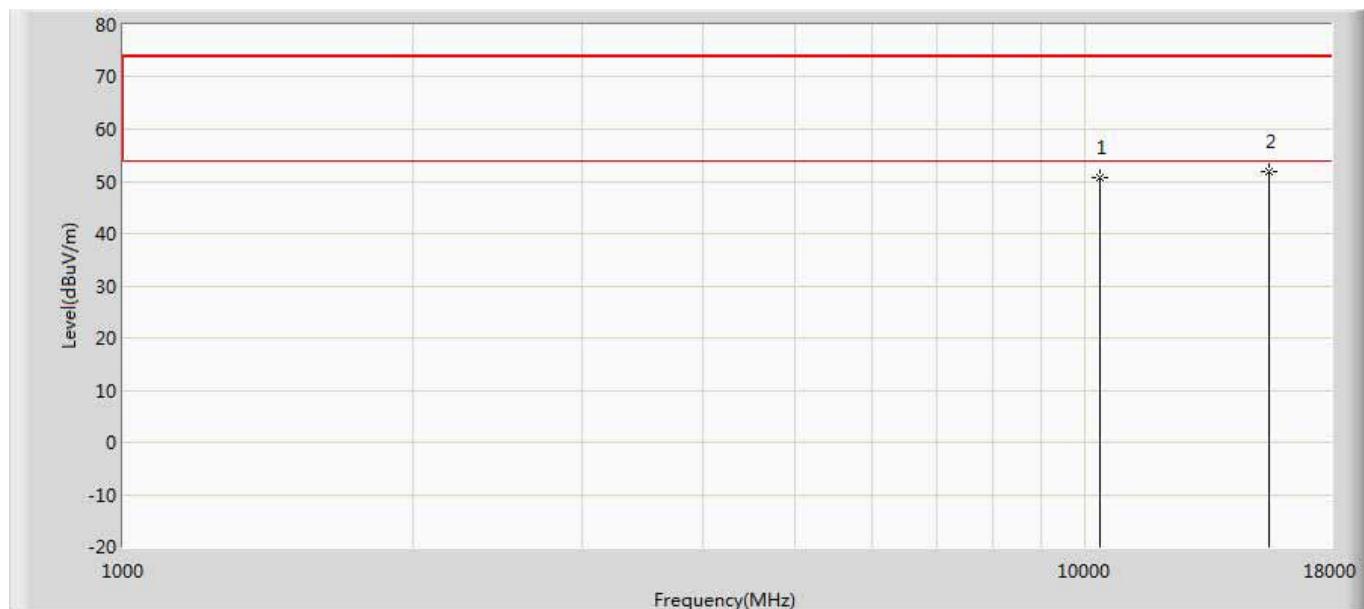
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.511	37.021	-20.489	74.000	16.490	PK
2		17475.000	52.707	32.500	-21.293	74.000	20.208	PK

Site:AC5	Time: 2017/06/05 - 15:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT0	



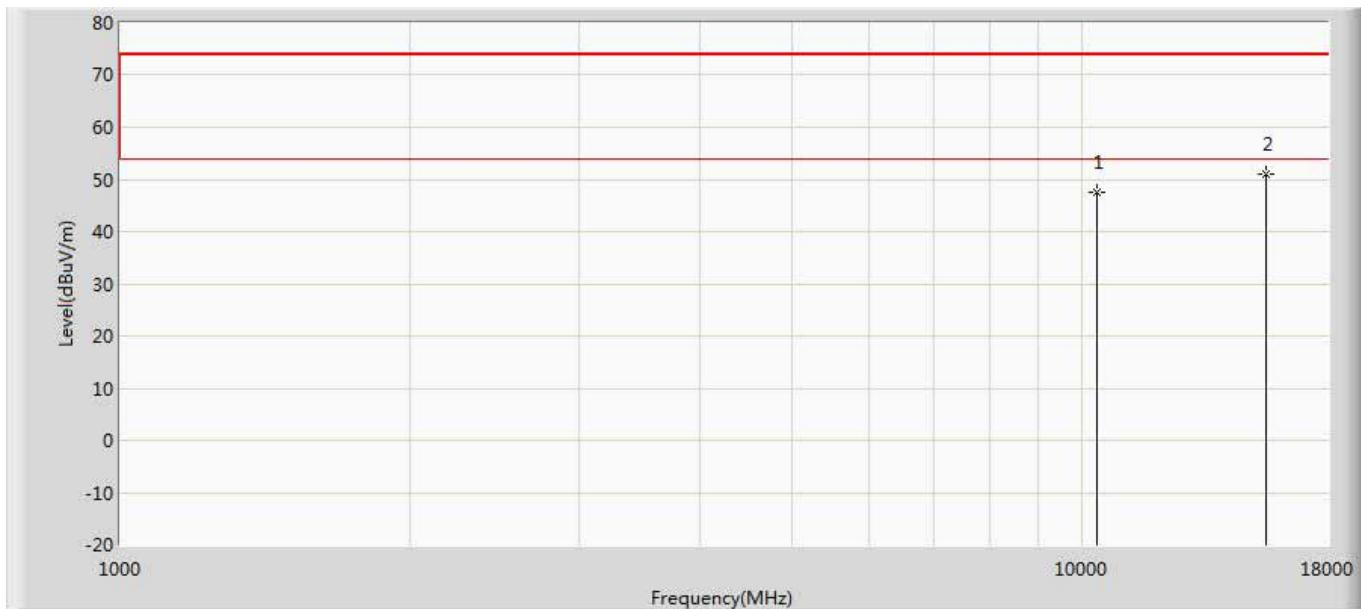
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	51.704	35.214	-22.296	74.000	16.490	PK
2		17475.000	50.058	29.851	-23.942	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 11:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180MHz by 802.11n20 ANT0	



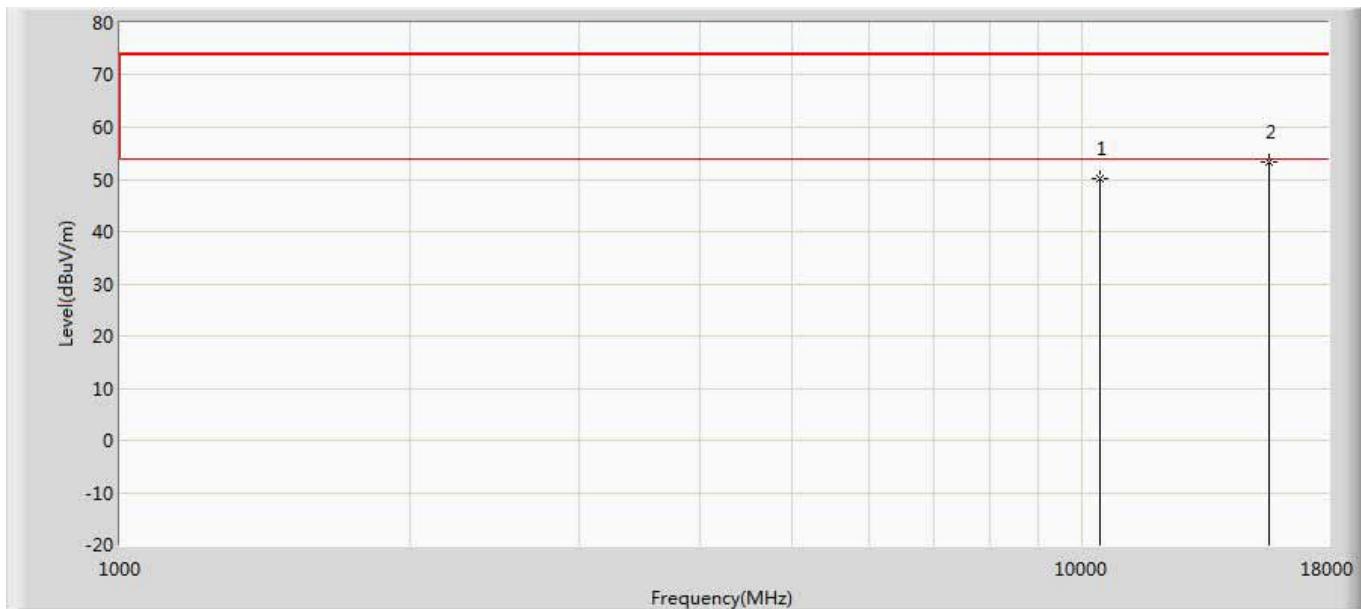
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.601	37.254	-23.399	74.000	13.347	PK
2	*	15540.000	51.843	33.365	-22.157	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180MHz by 802.11n20 ANT0	



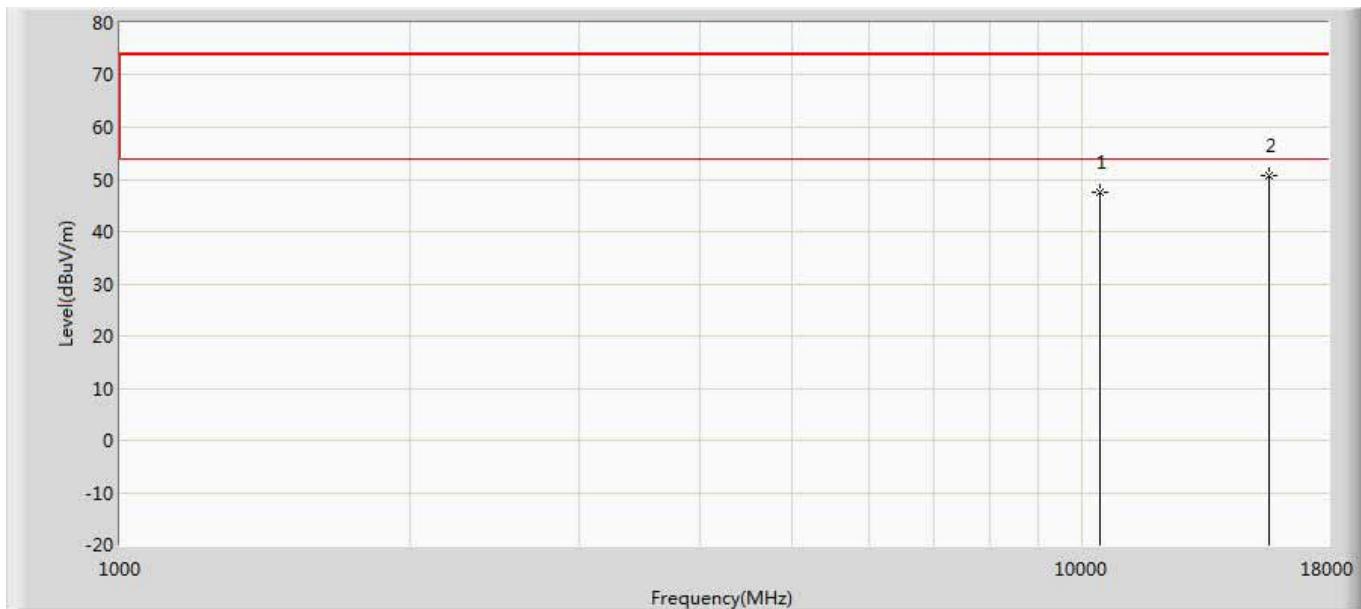
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	47.560	34.213	-26.440	74.000	13.347	PK
2	*	15540.000	51.065	32.587	-22.935	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220MHz by 802.11n20 ANT0	



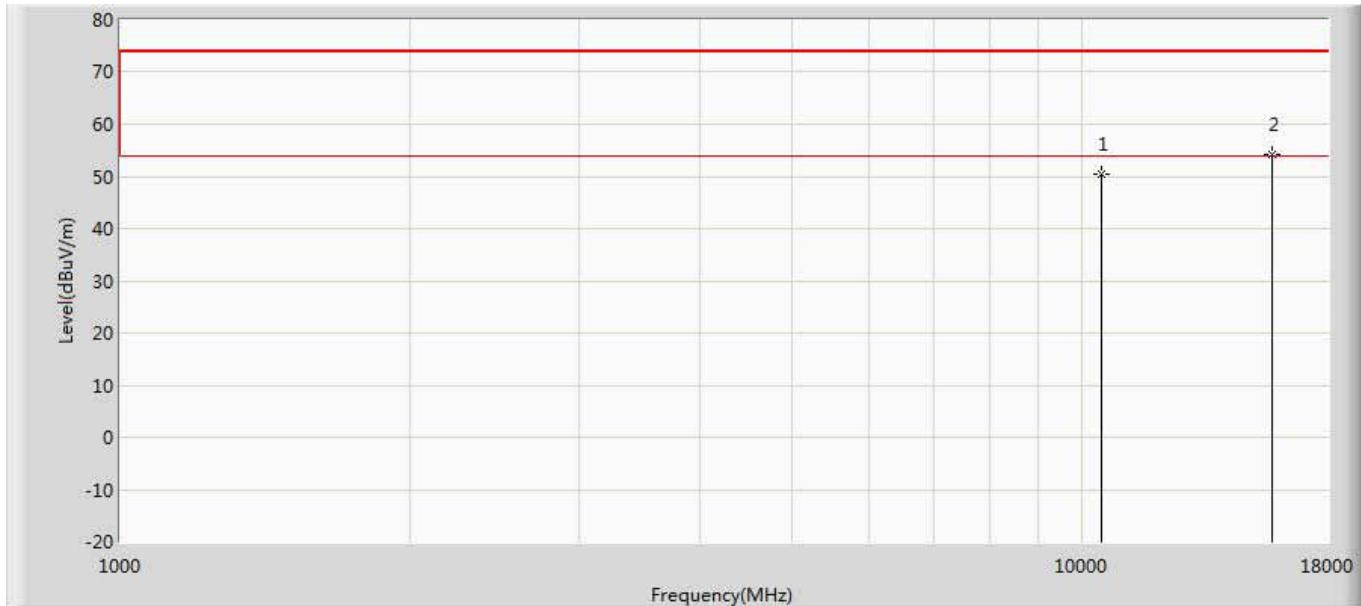
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.232	36.451	-23.768	74.000	13.781	PK
2	*	15660.000	53.430	34.852	-20.570	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220MHz by 802.11n20 ANT0	



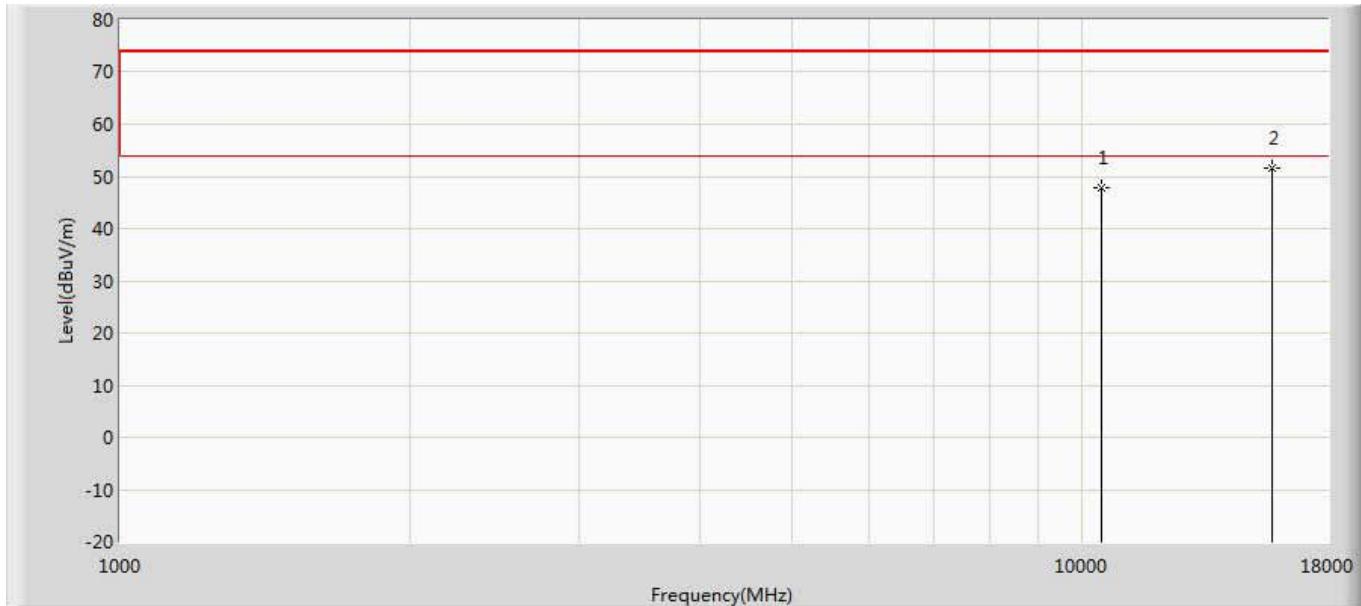
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	47.435	33.654	-26.565	74.000	13.781	PK
2	*	15660.000	50.727	32.149	-23.273	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240MHz by 802.11n20 ANT0	



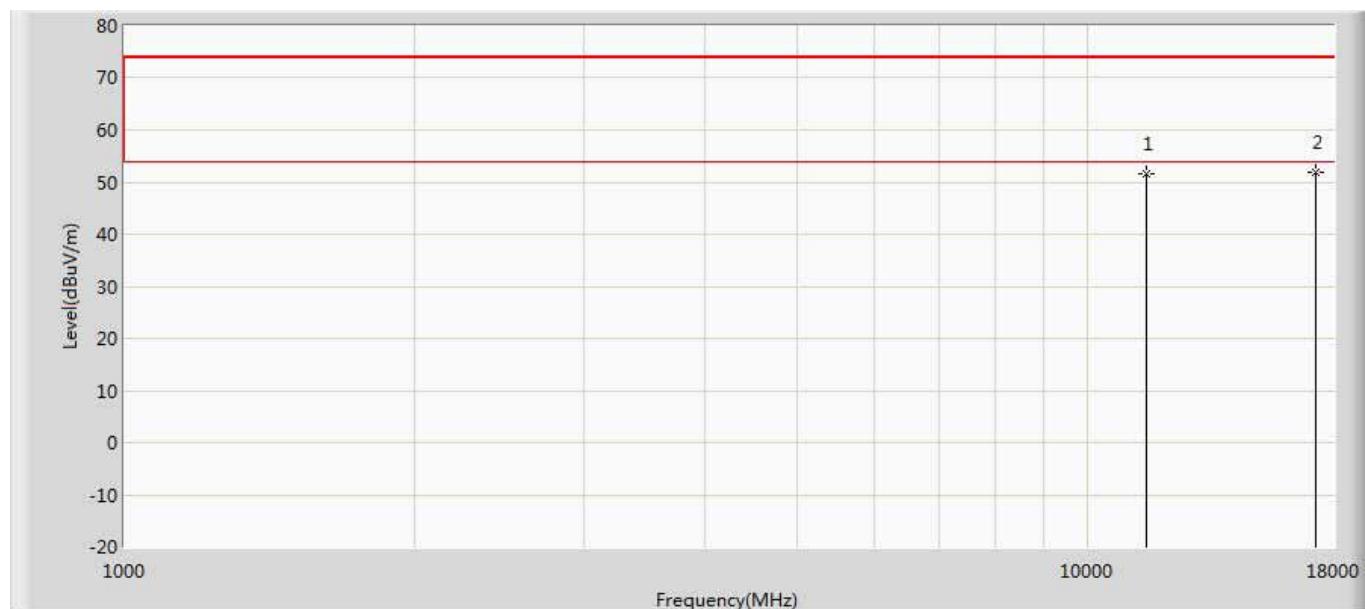
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.294	36.741	-23.706	74.000	13.552	PK
2	*	15720.000	54.128	33.854	-19.872	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240MHz by 802.11n20 ANT0	



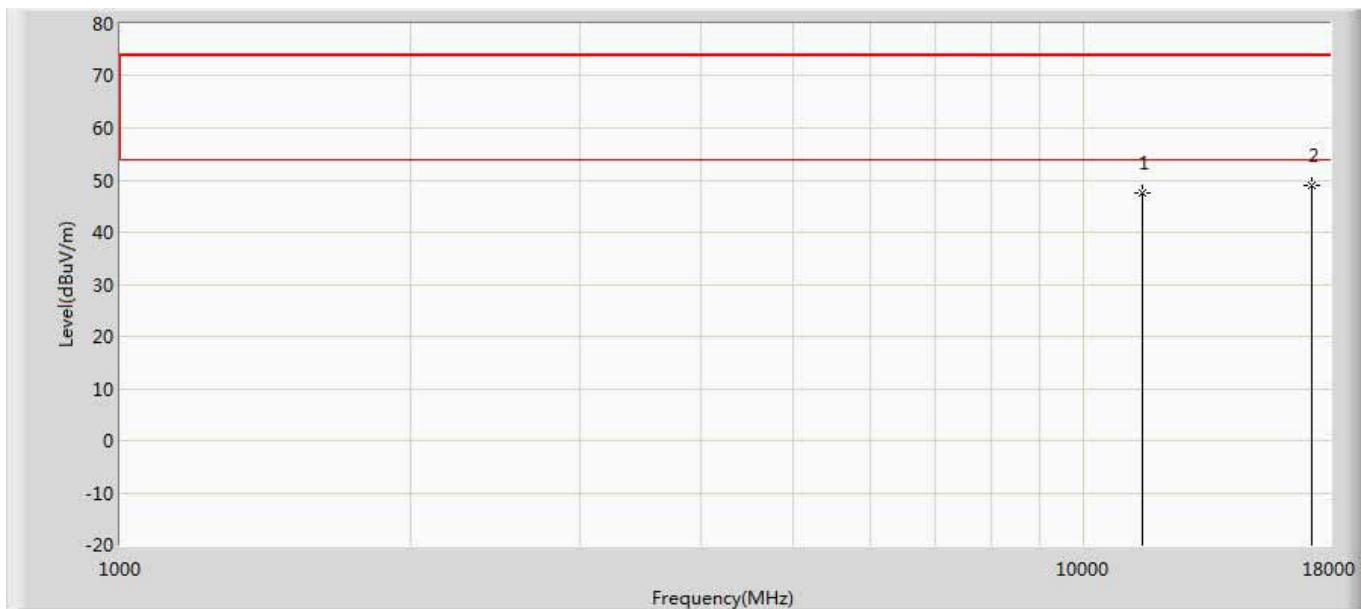
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	47.804	34.251	-26.196	74.000	13.552	PK
2	*	15720.000	51.475	31.201	-22.525	74.000	20.274	PK

Site:AC5	Time: 2017/06/05 - 15:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745MHz by 802.11n20 ANT0	



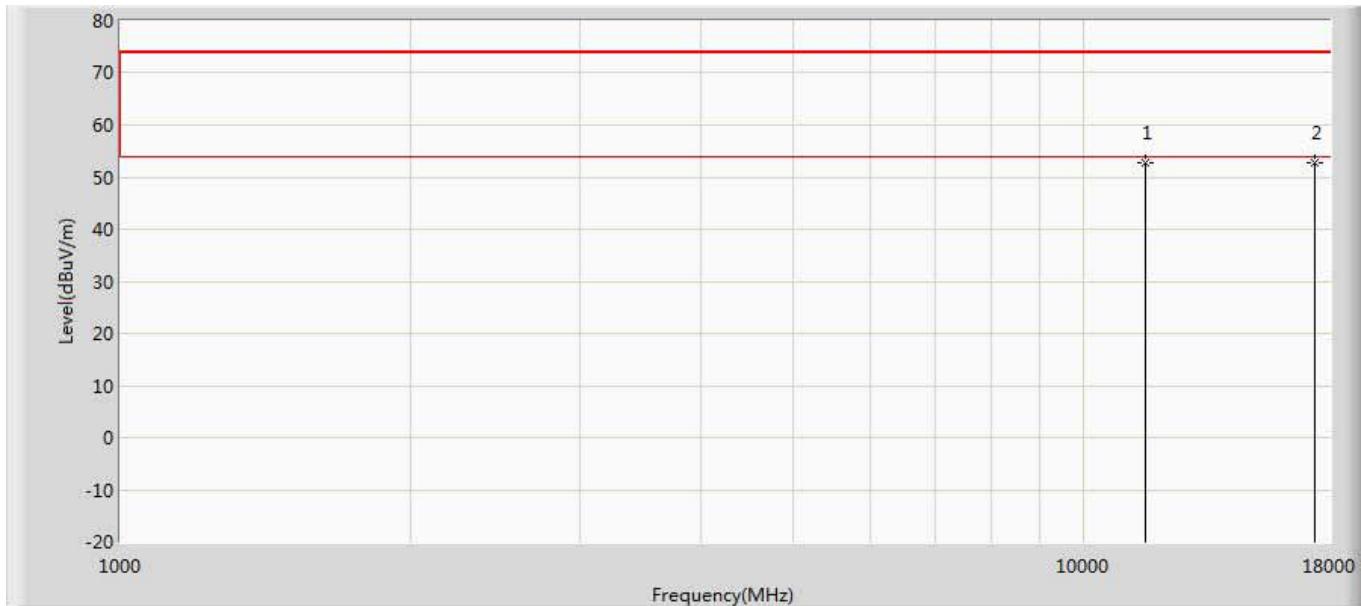
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.605	36.521	-22.395	74.000	15.084	PK
2	*	17235.000	51.992	32.513	-22.008	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 15:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745MHz by 802.11n20 ANT0	



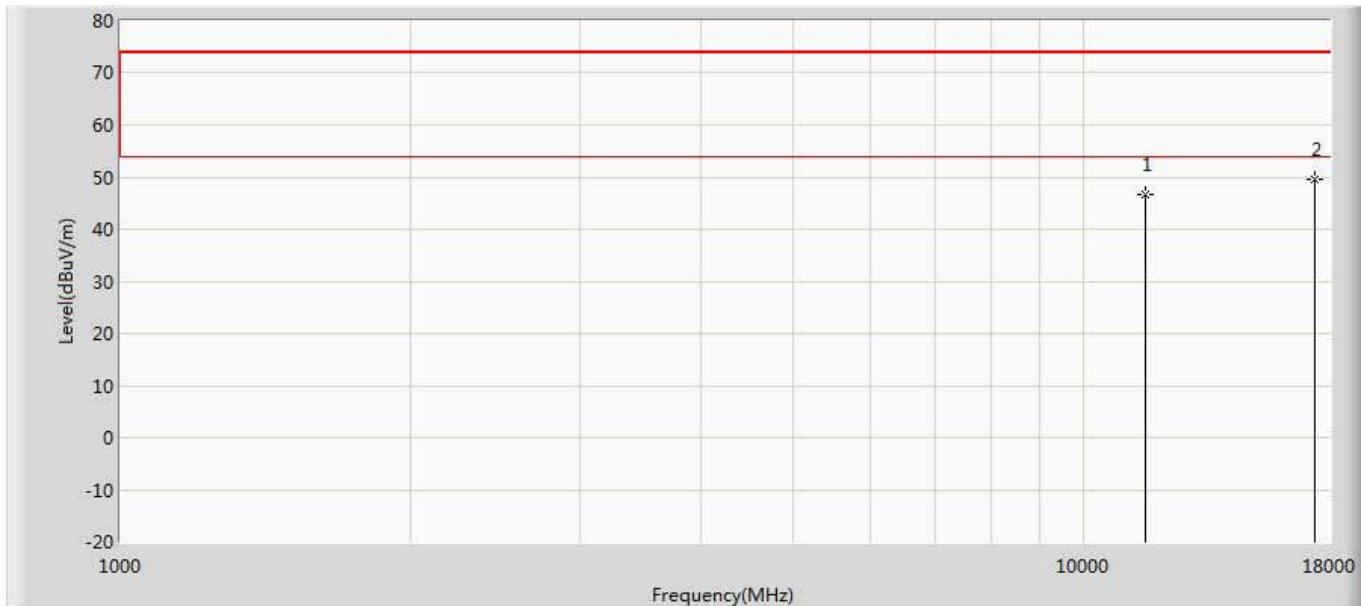
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	47.513	32.429	-26.487	74.000	15.084	PK
2	*	17235.000	49.020	29.541	-24.980	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785MHz by 802.11n20 ANT0	



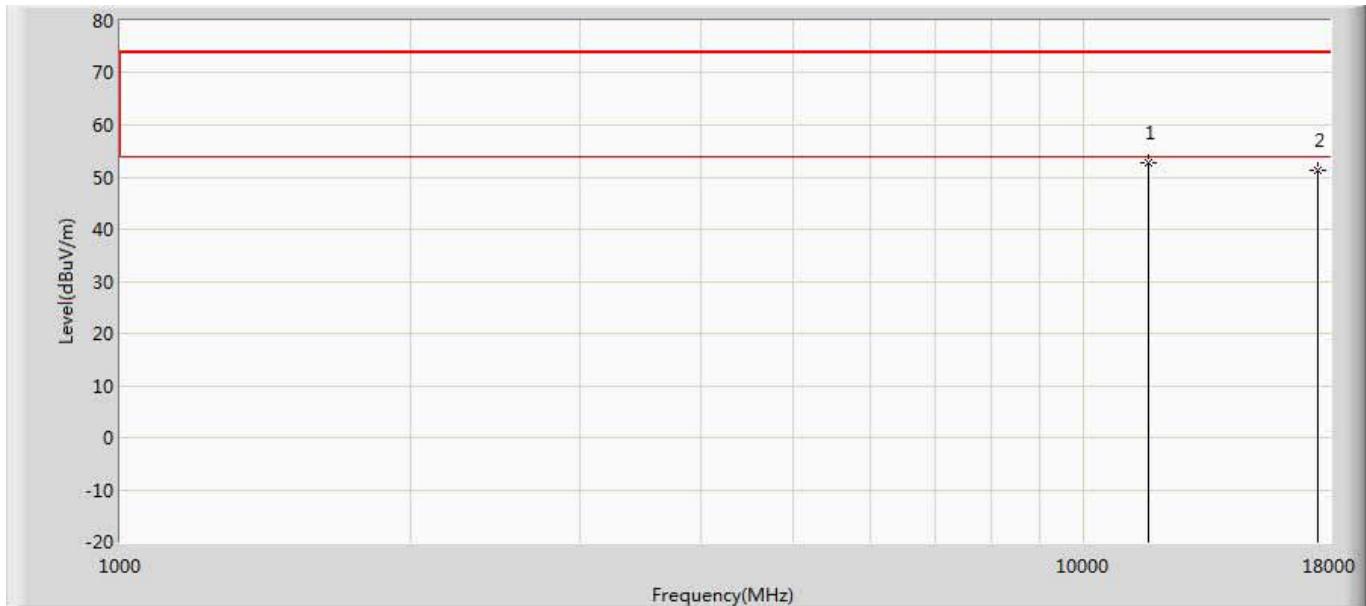
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.762	36.586	-21.238	74.000	16.177	PK
2	*	17355.000	52.848	32.264	-21.152	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785MHz by 802.11n20 ANT0	



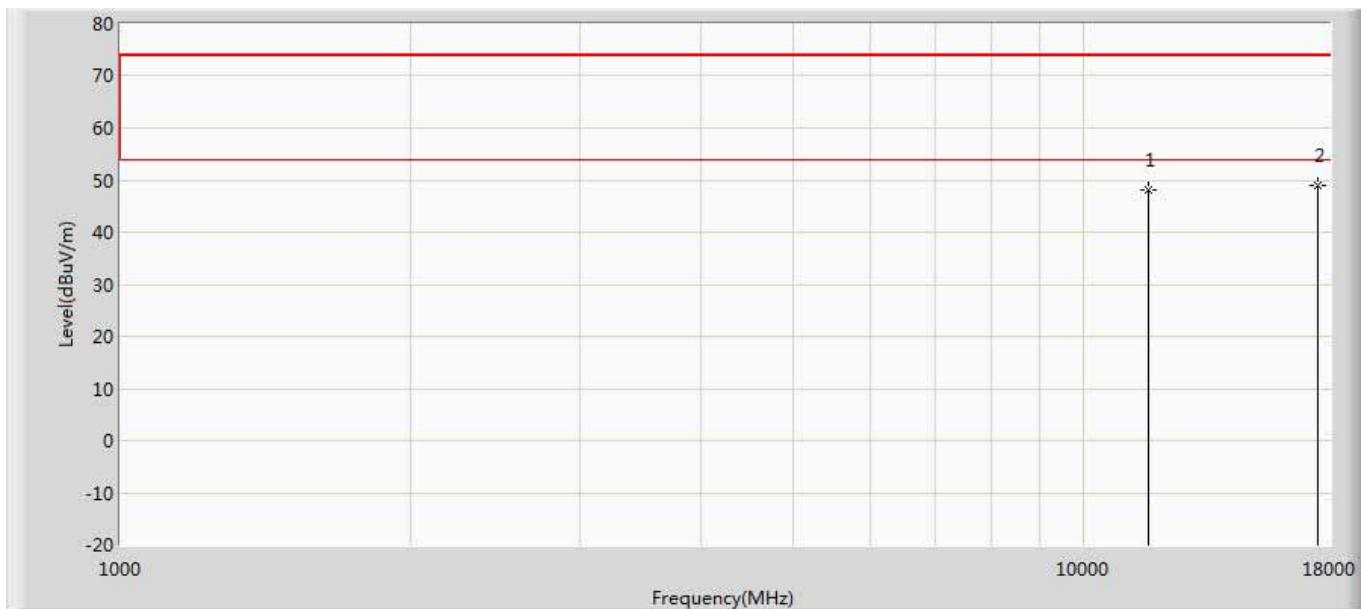
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	46.760	30.584	-27.240	74.000	16.177	PK
2	*	17355.000	49.705	29.121	-24.295	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 15:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825MHz by 802.11n20 ANT0	



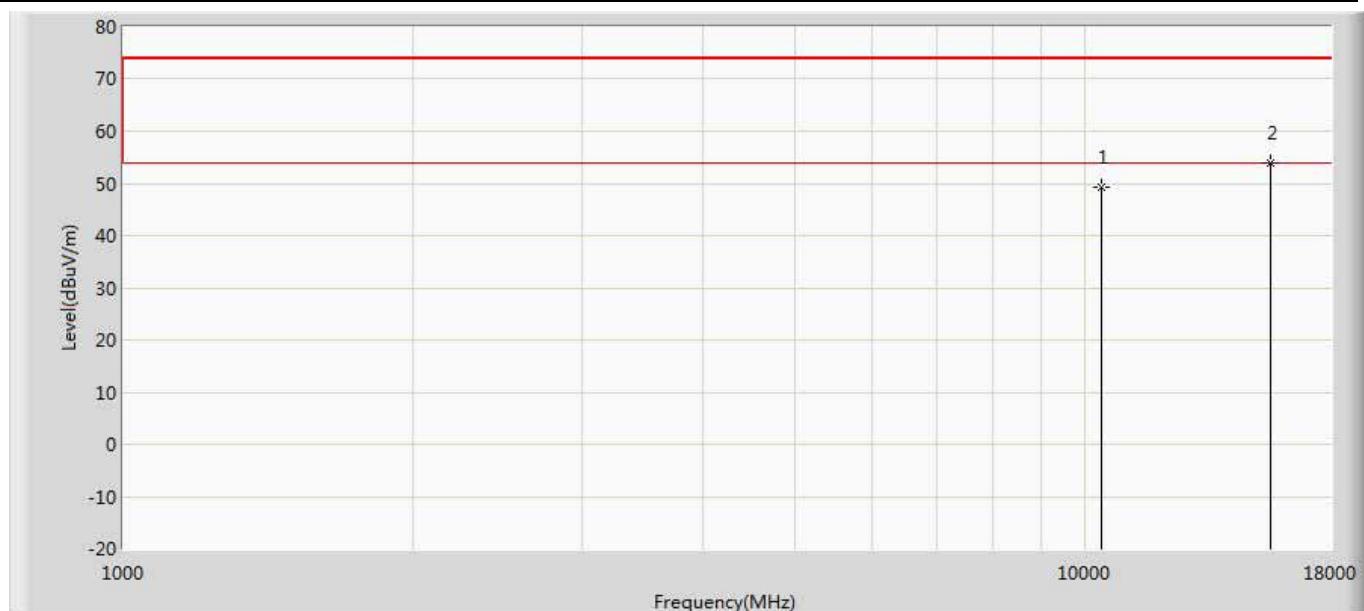
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	52.735	36.245	-21.265	74.000	16.490	PK
2		17475.000	51.408	31.201	-22.592	74.000	20.208	PK

Site:AC5	Time: 2017/06/05 - 15:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825MHz by 802.11n20 ANT0	



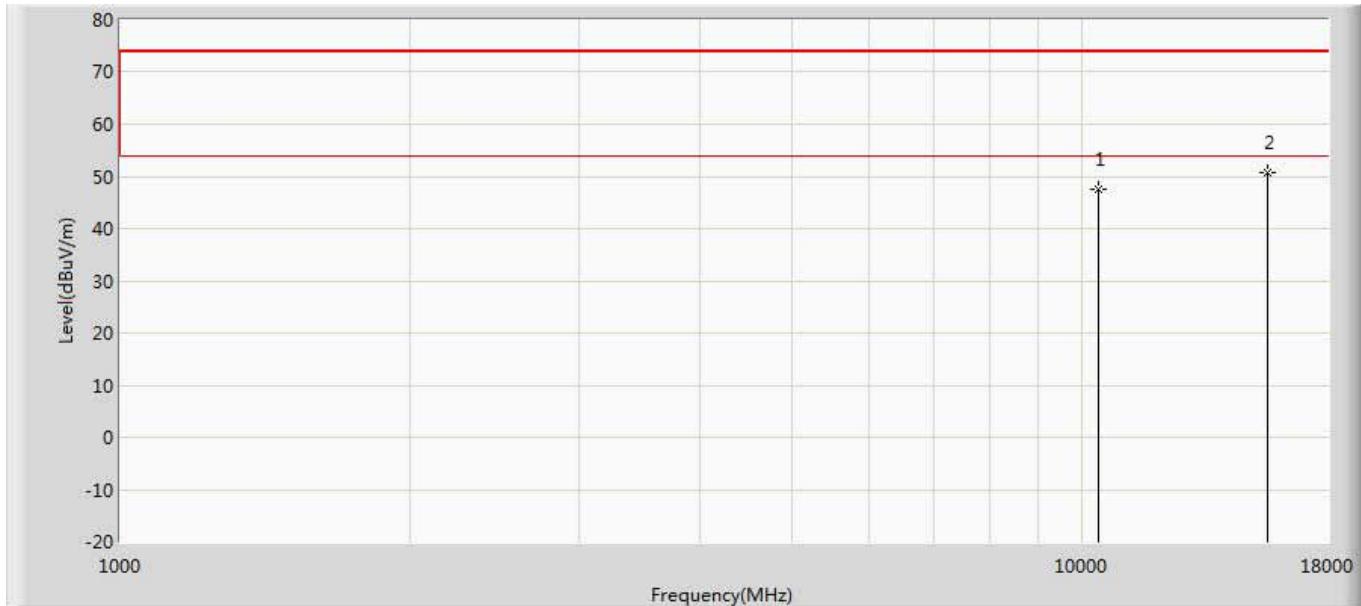
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	48.059	31.569	-25.941	74.000	16.490	PK
2	*	17475.000	48.948	28.741	-25.052	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 11:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190MHz by 802.11n40 ANTO	



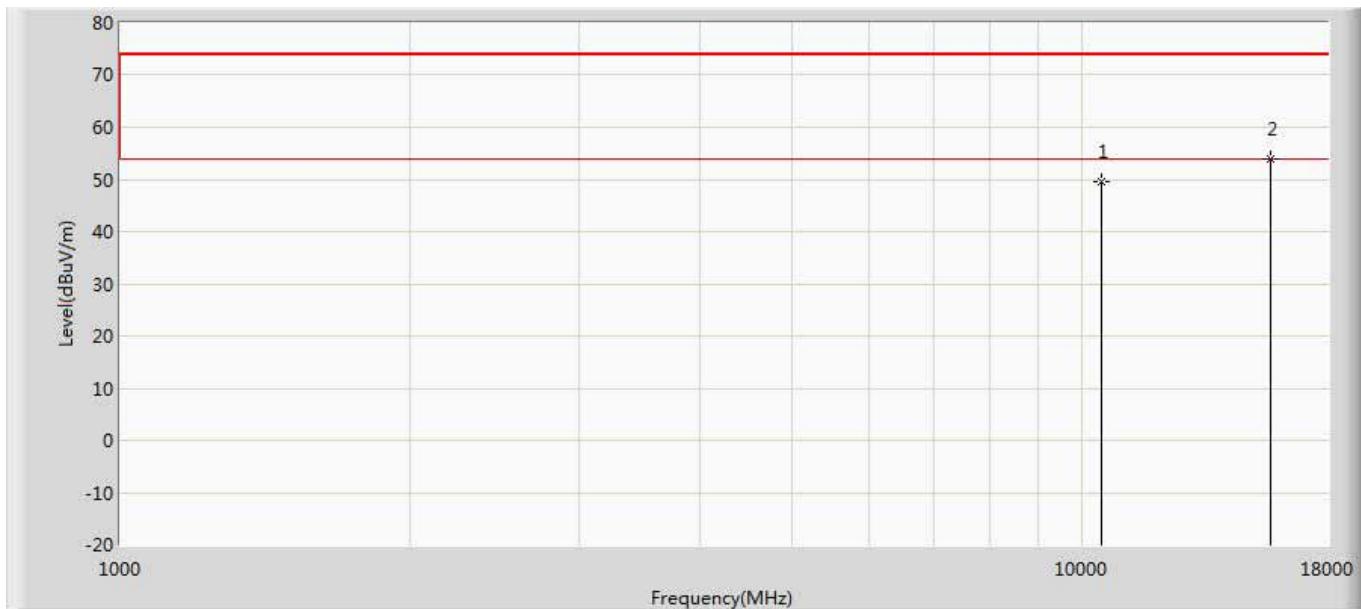
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	49.403	36.251	-24.597	74.000	13.152	PK
2	*	15570.000	53.799	34.258	-20.201	74.000	19.541	PK

Site: AC5	Time: 2017/06/05 - 11:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190MHz by 802.11n40 ANT0	



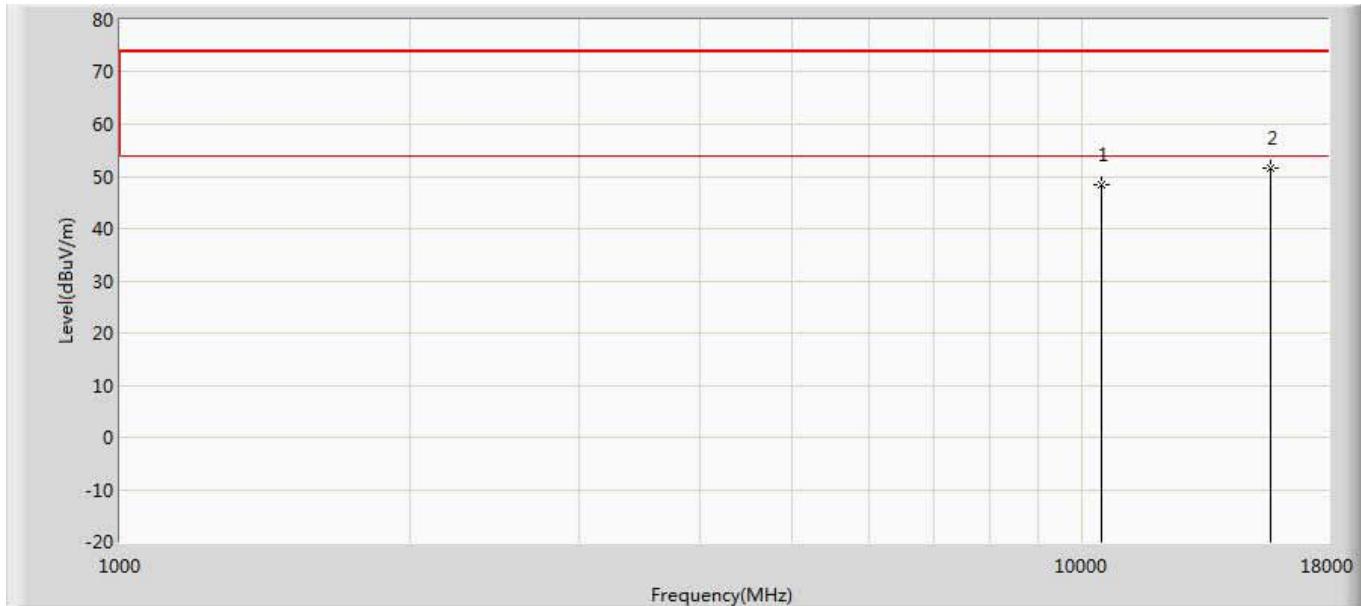
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	47.516	34.364	-26.484	74.000	13.152	PK
2	*	15570.000	50.795	31.254	-23.205	74.000	19.541	PK

Site: AC5	Time: 2017/06/05 - 11:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230MHz by 802.11n40 ANT0	



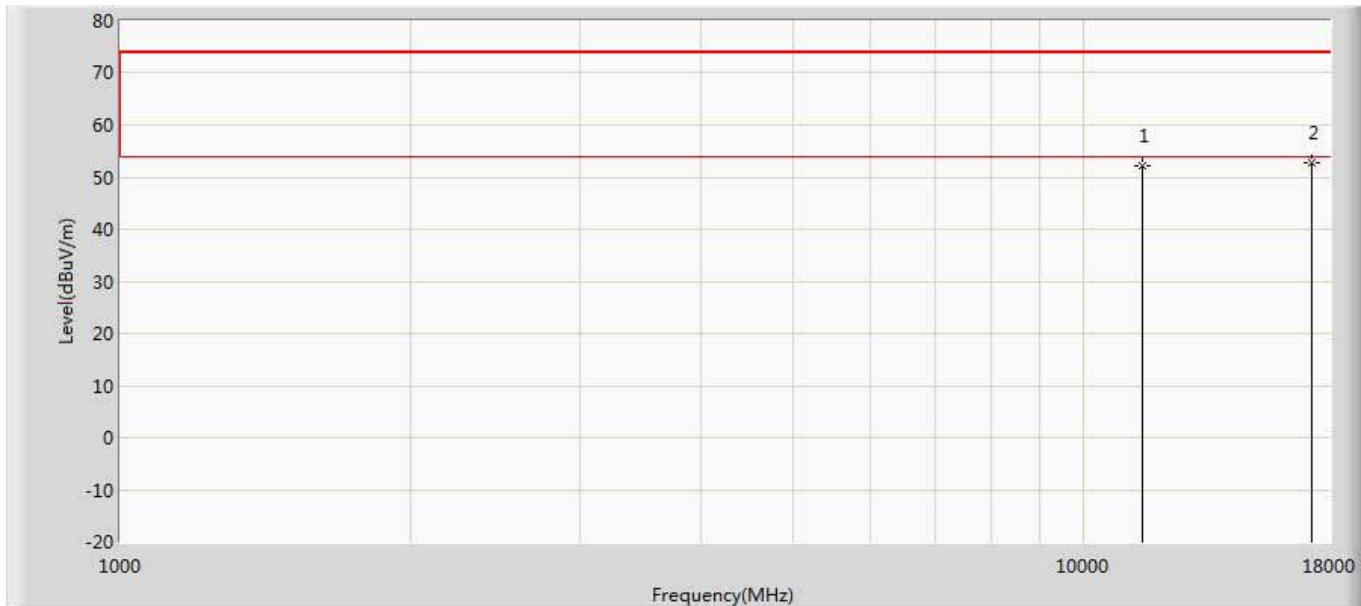
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	49.699	36.254	-24.301	74.000	13.445	PK
2	*	15690.000	53.883	33.574	-20.117	74.000	20.309	PK

Site: AC5	Time: 2017/06/05 - 11:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230MHz by 802.11n40 ANT0	



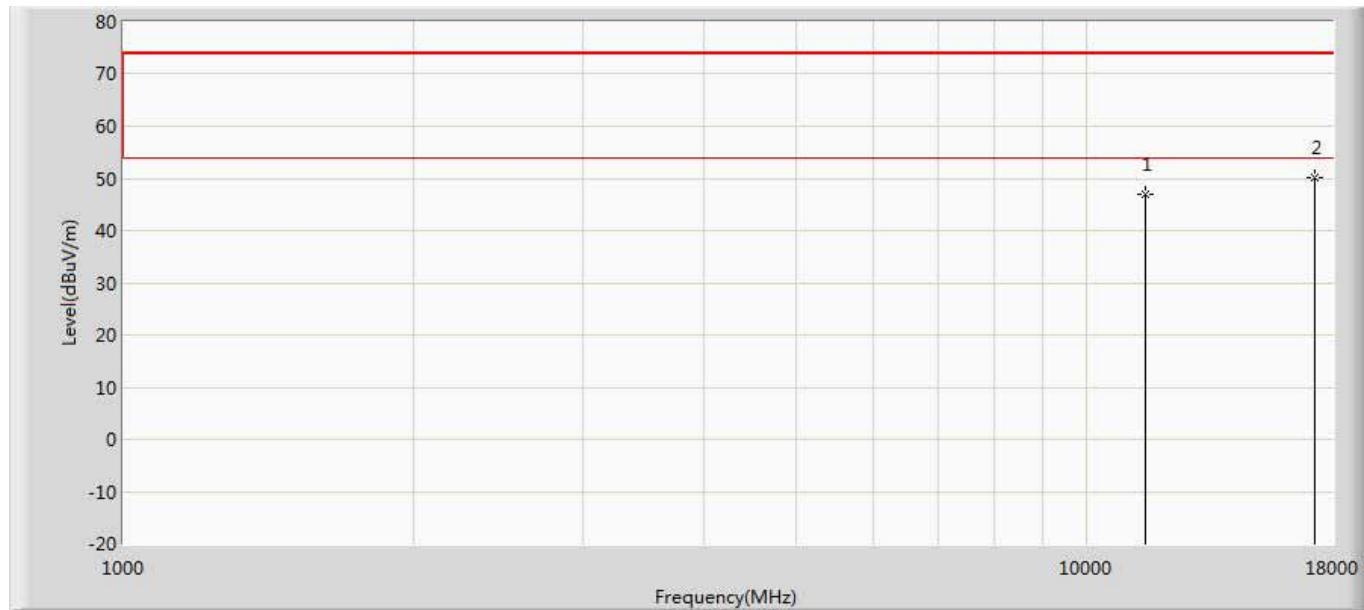
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	48.296	34.851	-25.704	74.000	13.445	PK
2	*	15690.000	51.566	31.257	-22.434	74.000	20.309	PK

Site:AC5	Time: 2017/06/05 - 16:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755MHz by 802.11n40 ANT0	



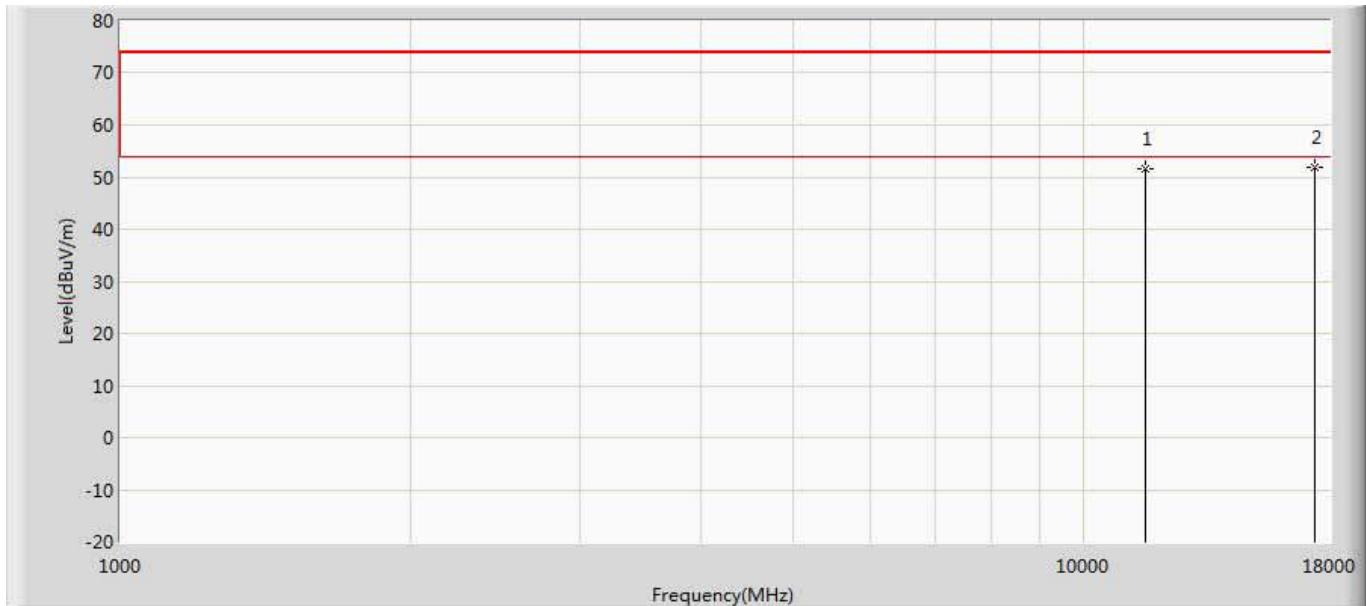
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	52.052	36.365	-21.948	74.000	15.687	PK
2	*	17265.000	52.800	32.152	-21.200	74.000	20.647	PK

Site:AC5	Time: 2017/06/05 - 16:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755MHz by 802.11n40 ANT0	



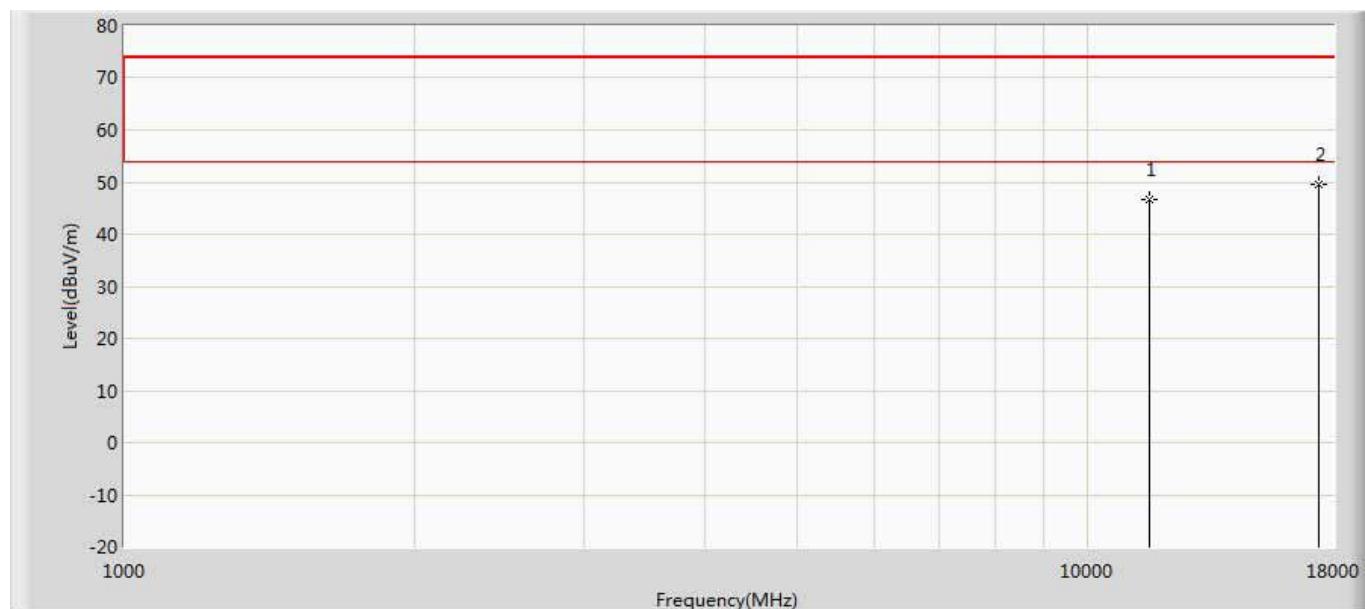
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	46.941	31.254	-27.059	74.000	15.687	PK
2	*	17265.000	50.189	29.541	-23.811	74.000	20.647	PK

Site:AC5	Time: 2017/06/05 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795MHz by 802.11n40 ANT0	



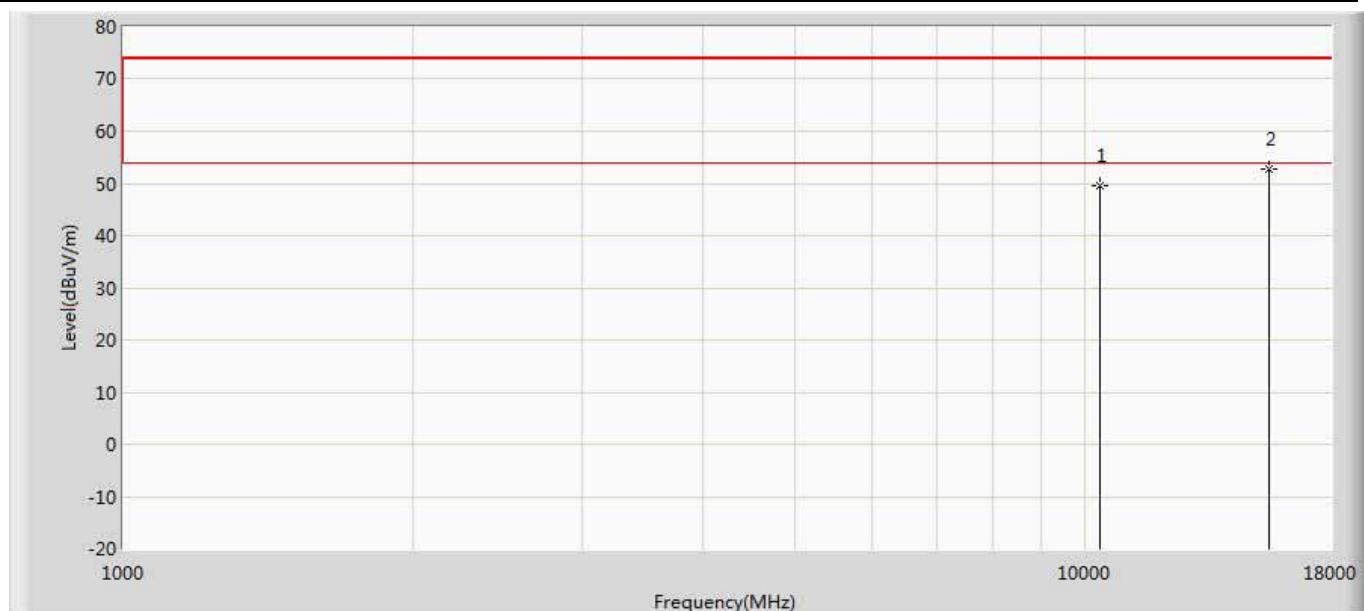
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	51.675	35.289	-22.325	74.000	16.385	PK
2	*	17385.000	51.879	31.287	-22.121	74.000	20.592	PK

Site:AC5	Time: 2017/06/05 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795MHz by 802.11n40 ANT0	



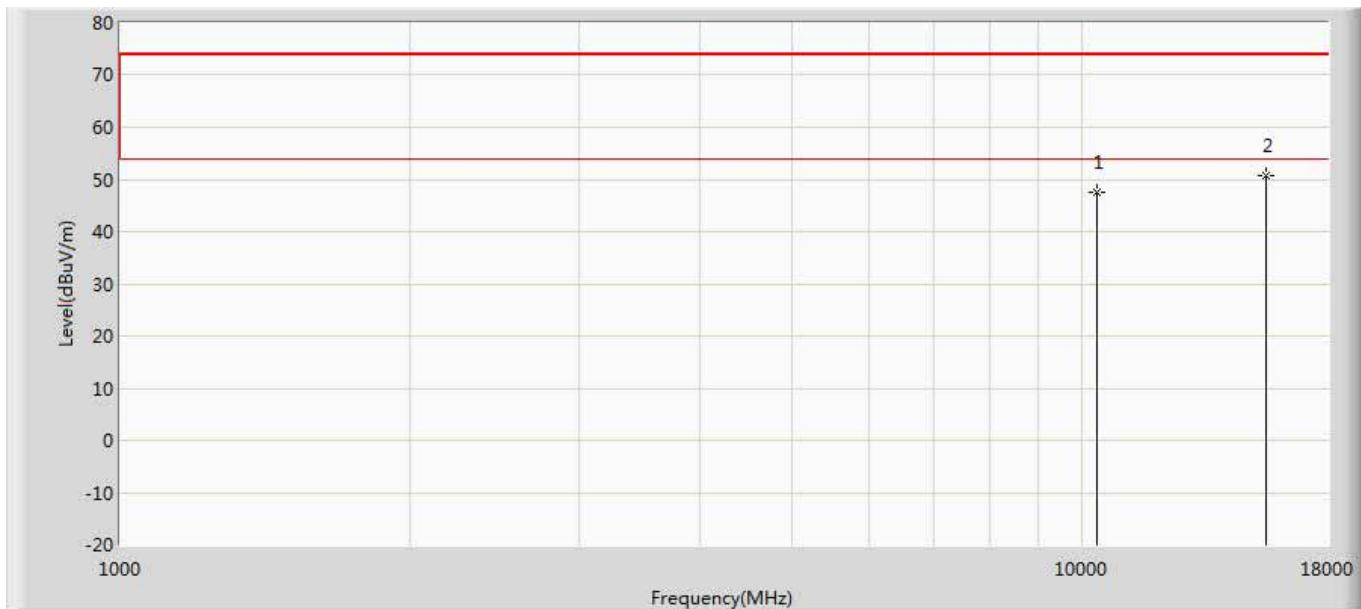
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	46.640	30.254	-27.360	74.000	16.385	PK
2	*	17385.000	49.702	29.110	-24.298	74.000	20.592	PK

Site: AC5	Time: 2017/06/05 - 11:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180MHz by 802.11ac20 ANT0	



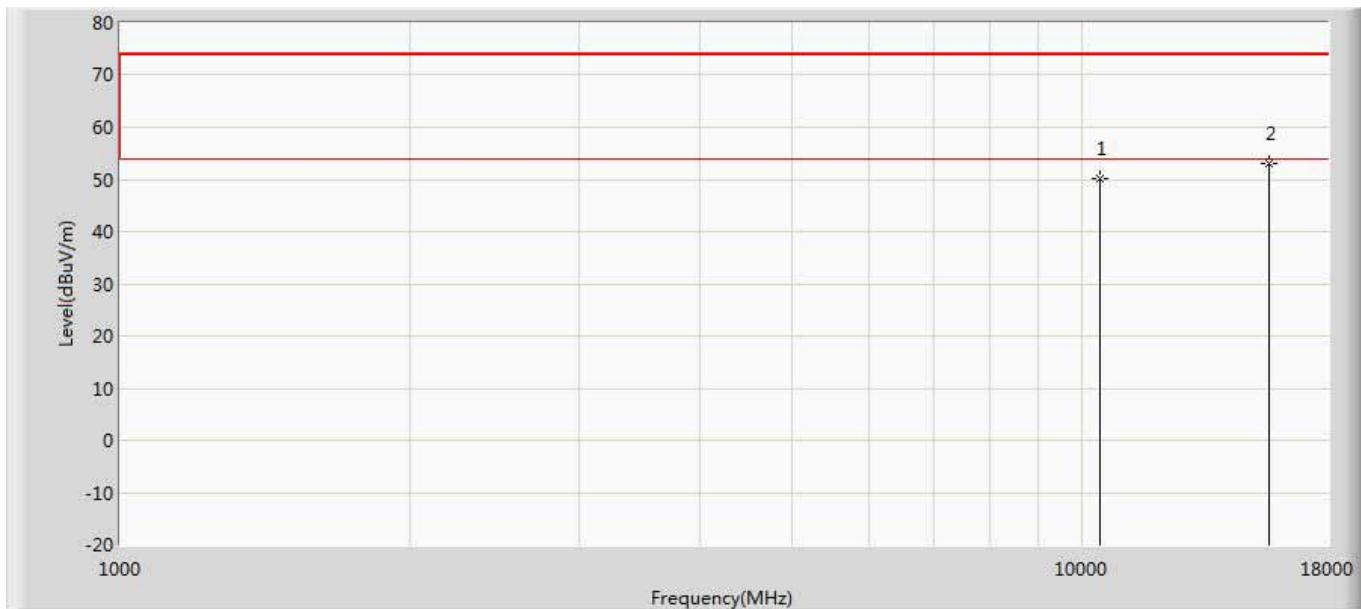
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.561	36.214	-24.439	74.000	13.347	PK
2	*	15540.000	52.690	34.212	-21.310	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180MHz by 802.11ac20 ANT0	



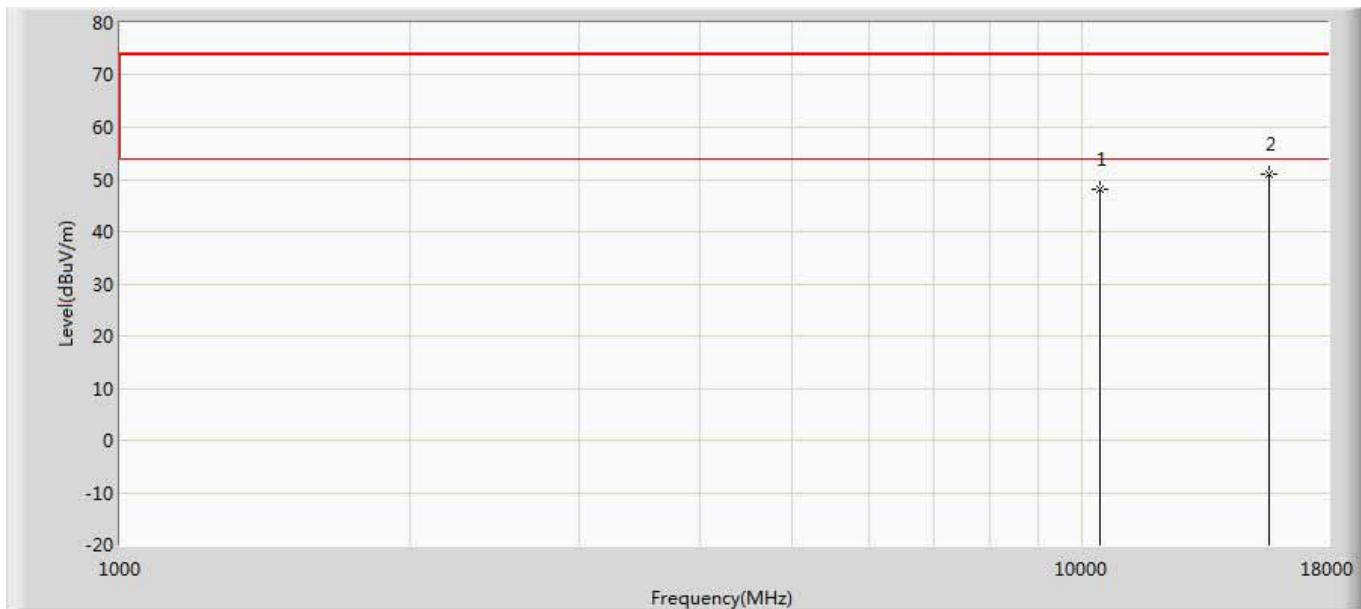
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	47.598	34.251	-26.402	74.000	13.347	PK
2	*	15540.000	50.667	32.189	-23.333	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 11:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220MHz by 802.11ac20 ANT0	



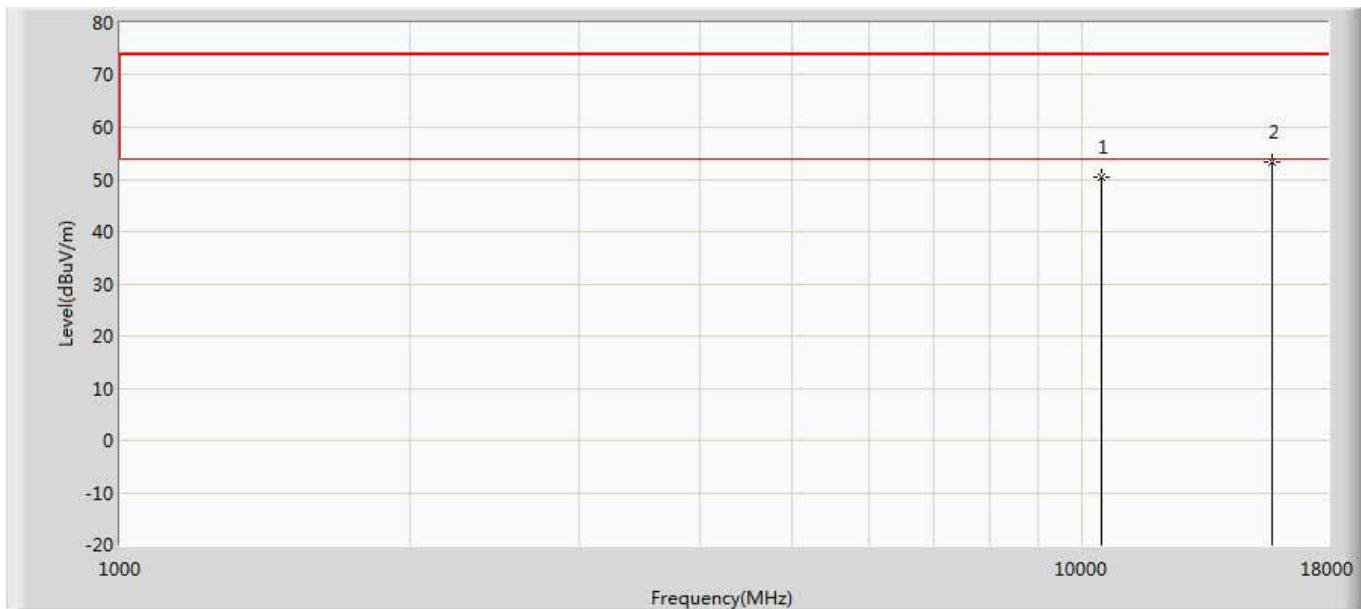
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.039	36.258	-23.961	74.000	13.781	PK
2	*	15660.000	53.165	34.587	-20.835	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220MHz by 802.11ac20 ANT0	



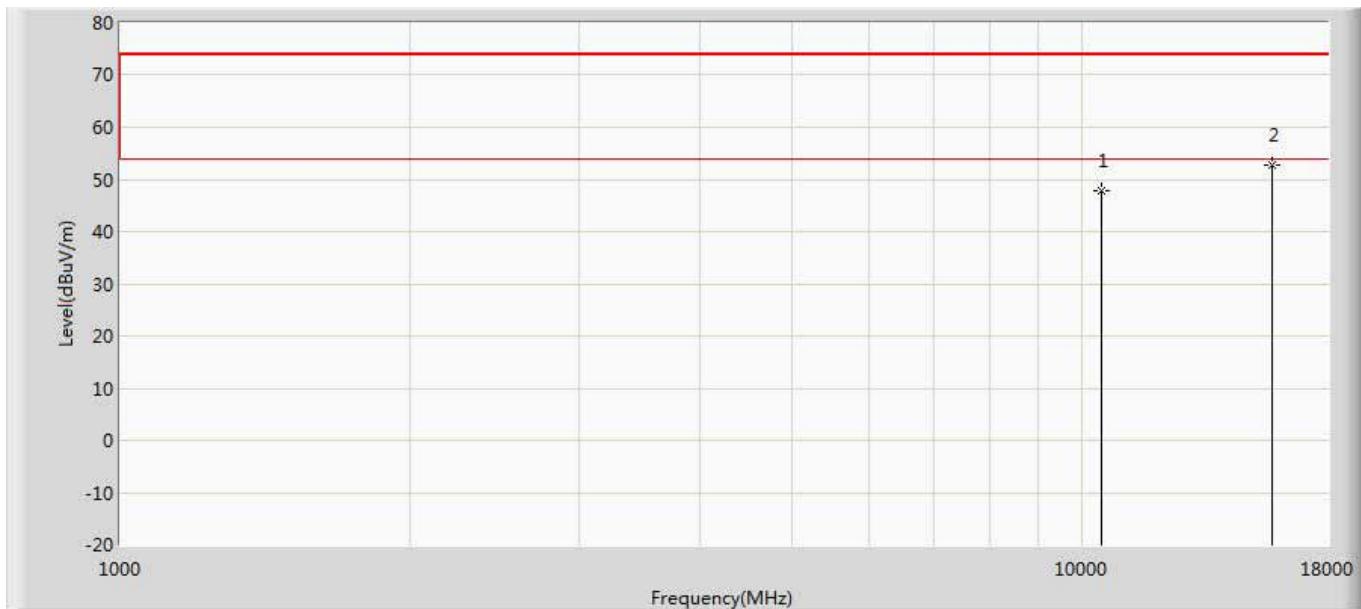
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	48.065	34.284	-25.935	74.000	13.781	PK
2	*	15660.000	50.899	32.321	-23.101	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 11:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240MHz by 802.11ac20 ANT0	



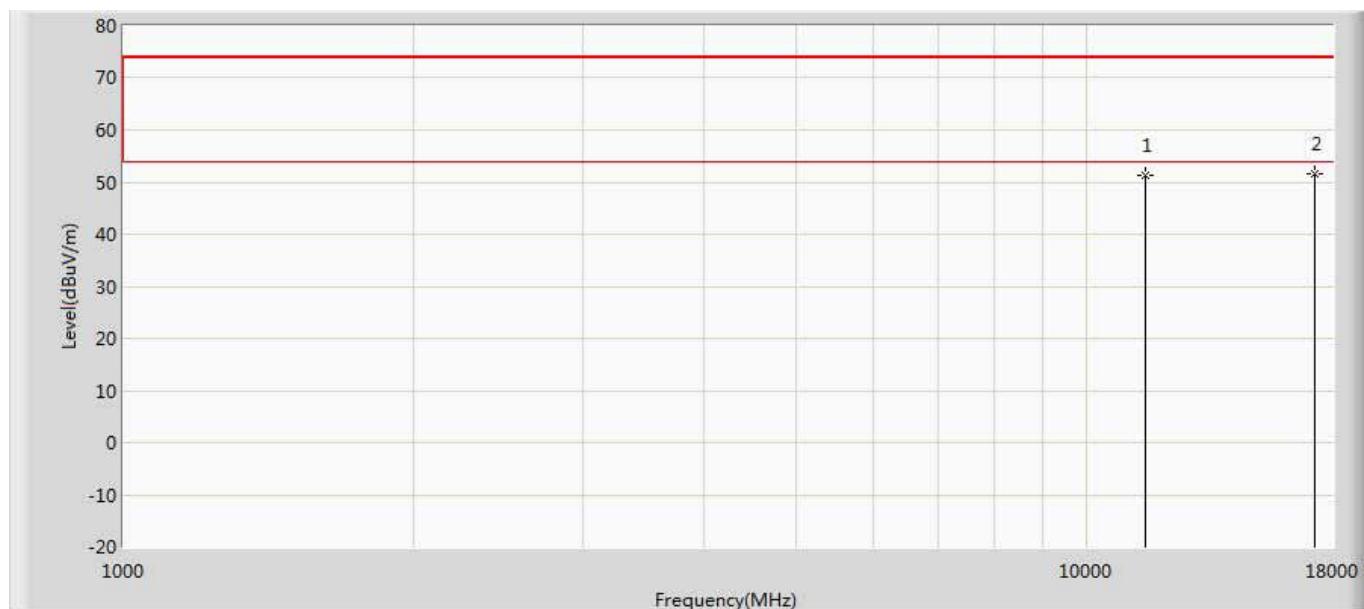
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.407	36.854	-23.593	74.000	13.552	PK
2	*	15720.000	53.238	32.964	-20.762	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240MHz by 802.11ac20 ANT0	



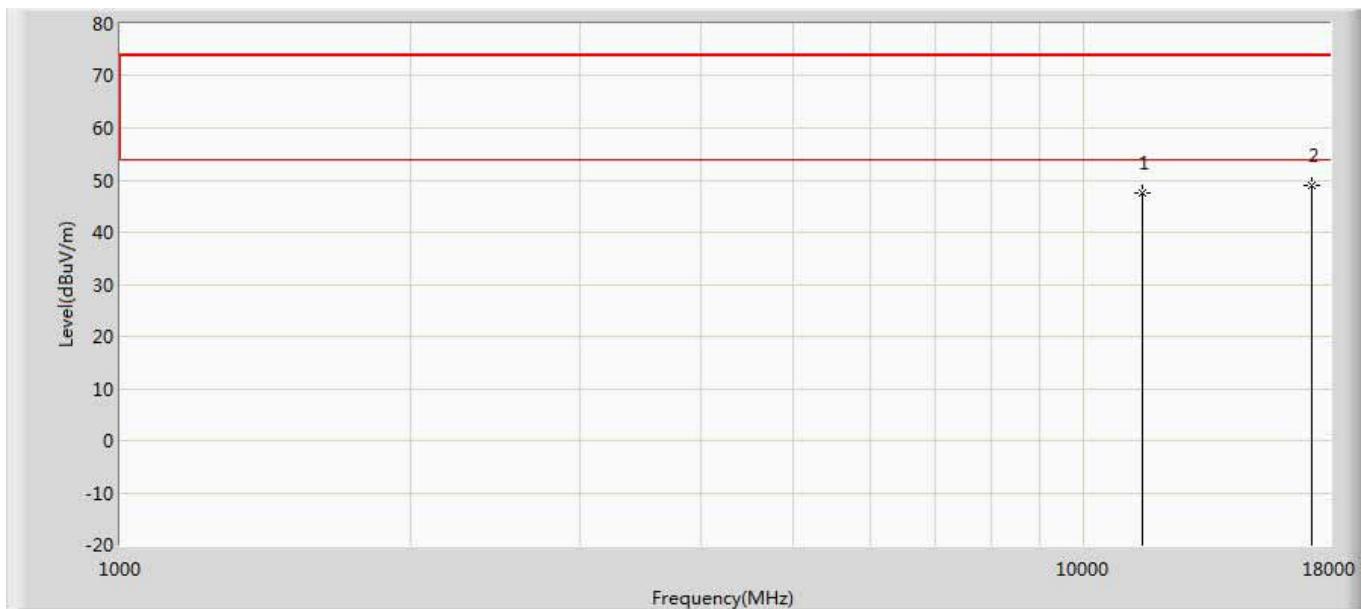
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	47.804	34.251	-26.196	74.000	13.552	PK
2	*	15720.000	52.801	32.527	-21.199	74.000	20.274	PK

Site:AC5	Time: 2017/06/05 - 15:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745MHz by 802.11ac20 ANT0	



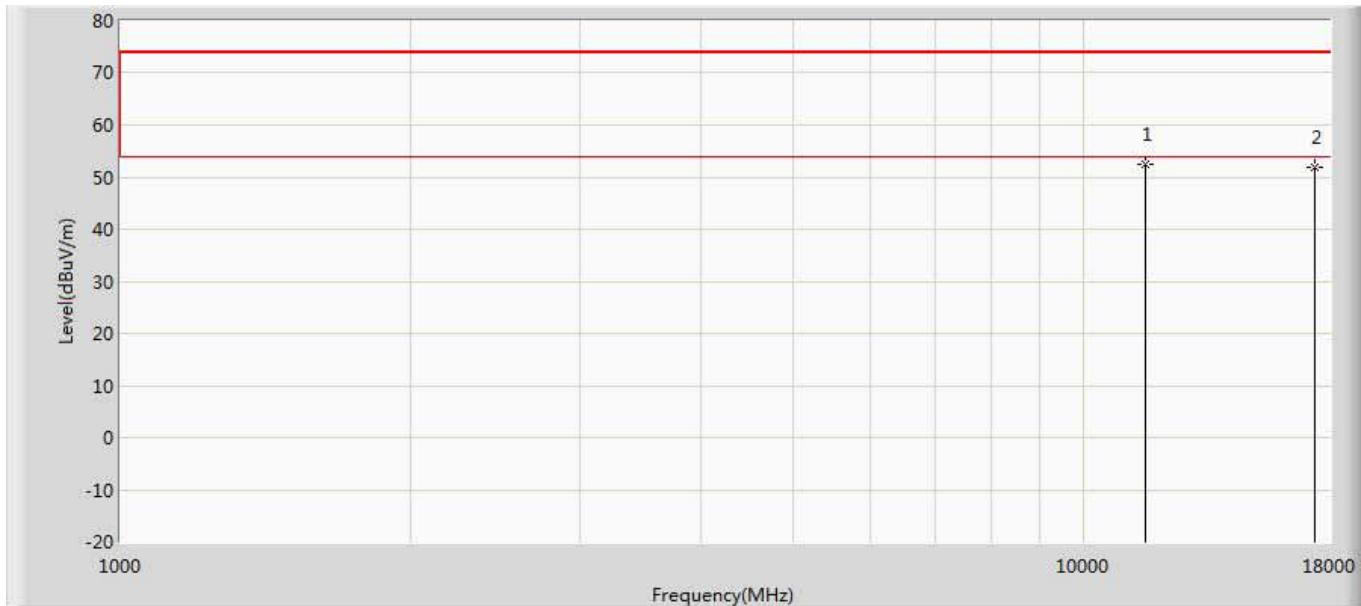
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.448	36.364	-22.552	74.000	15.084	PK
2	*	17235.000	51.624	32.145	-22.376	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745MHz by 802.11ac20 ANT0	



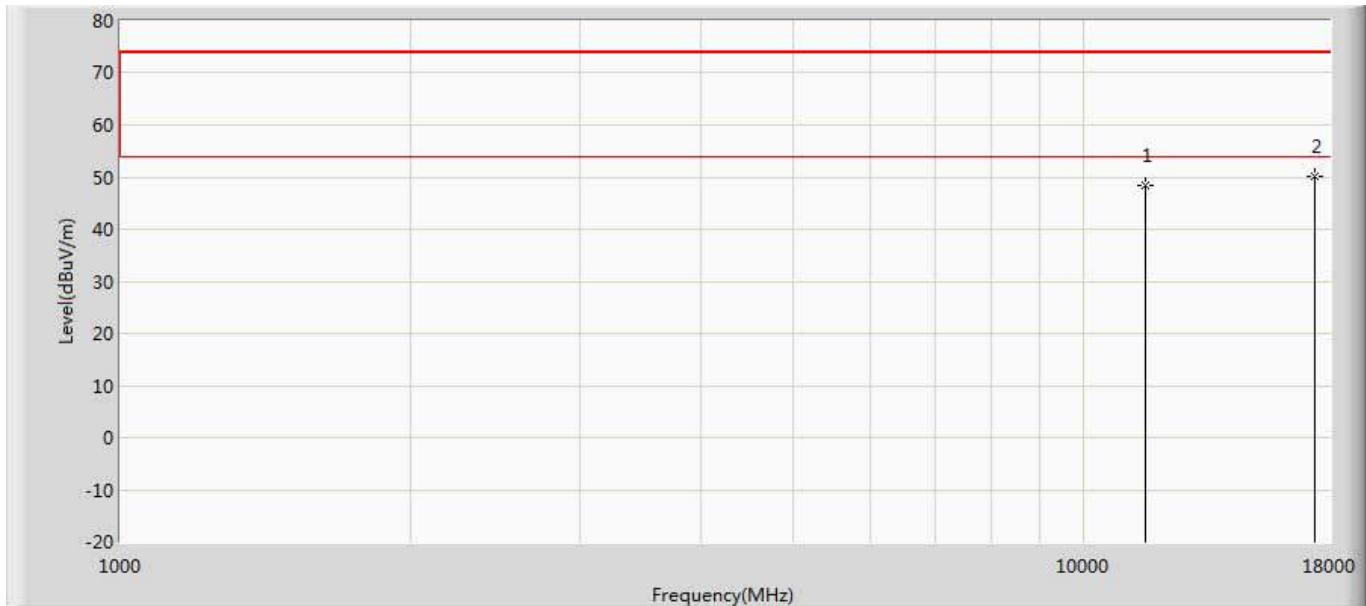
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	47.625	32.541	-26.375	74.000	15.084	PK
2	*	17235.000	49.020	29.541	-24.980	74.000	19.479	PK

Site:AC5	Time: 2017/06/05 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785MHz by 802.11ac20 ANT0	



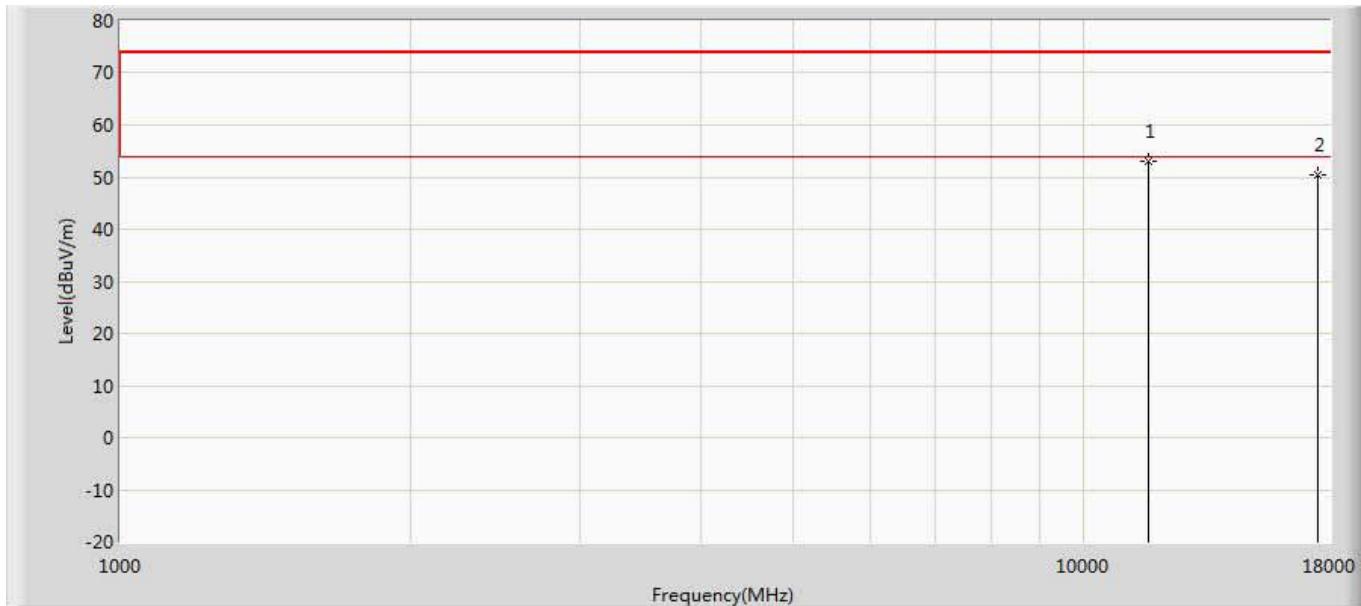
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11570.000	52.435	36.259	-21.565	74.000	16.177	PK
2		17355.000	51.904	31.320	-22.096	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 15:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785MHz by 802.11ac20 ANT0	



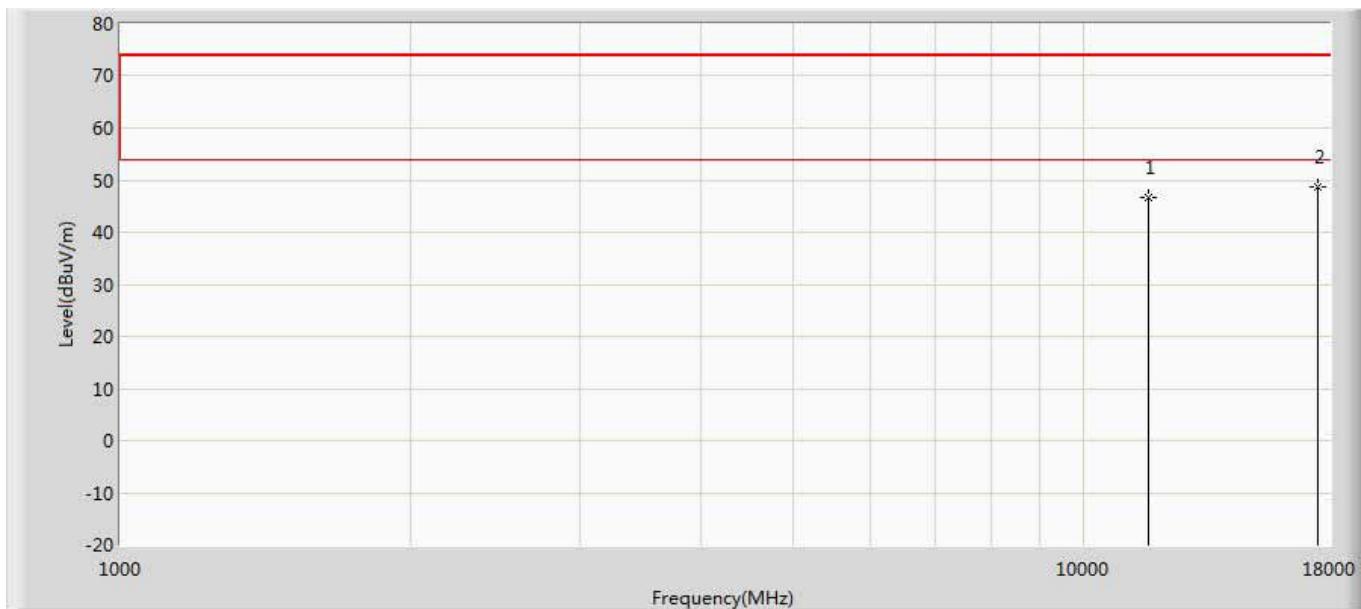
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.332	32.156	-25.668	74.000	16.177	PK
2	*	17355.000	50.238	29.654	-23.762	74.000	20.584	PK

Site:AC5	Time: 2017/06/05 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825MHz by 802.11ac20 ANT0	



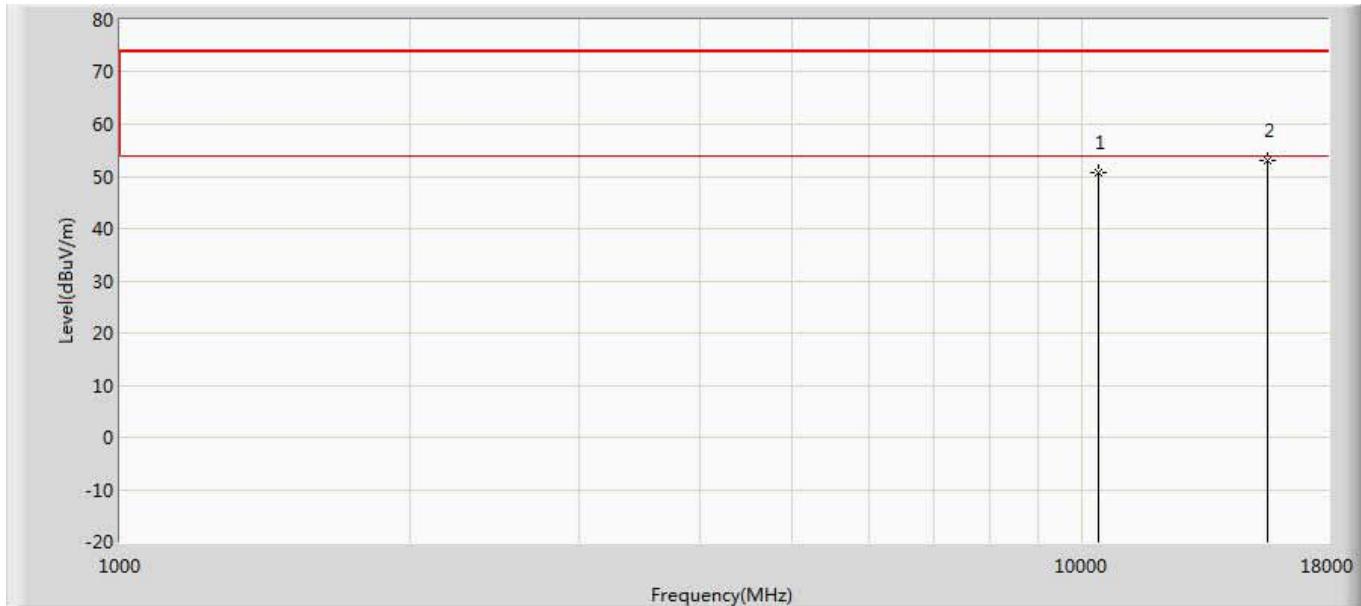
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.074	36.584	-20.926	74.000	16.490	PK
2		17475.000	50.322	30.115	-23.678	74.000	20.208	PK

Site:AC5	Time: 2017/06/05 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825MHz by 802.11ac20 ANT0	



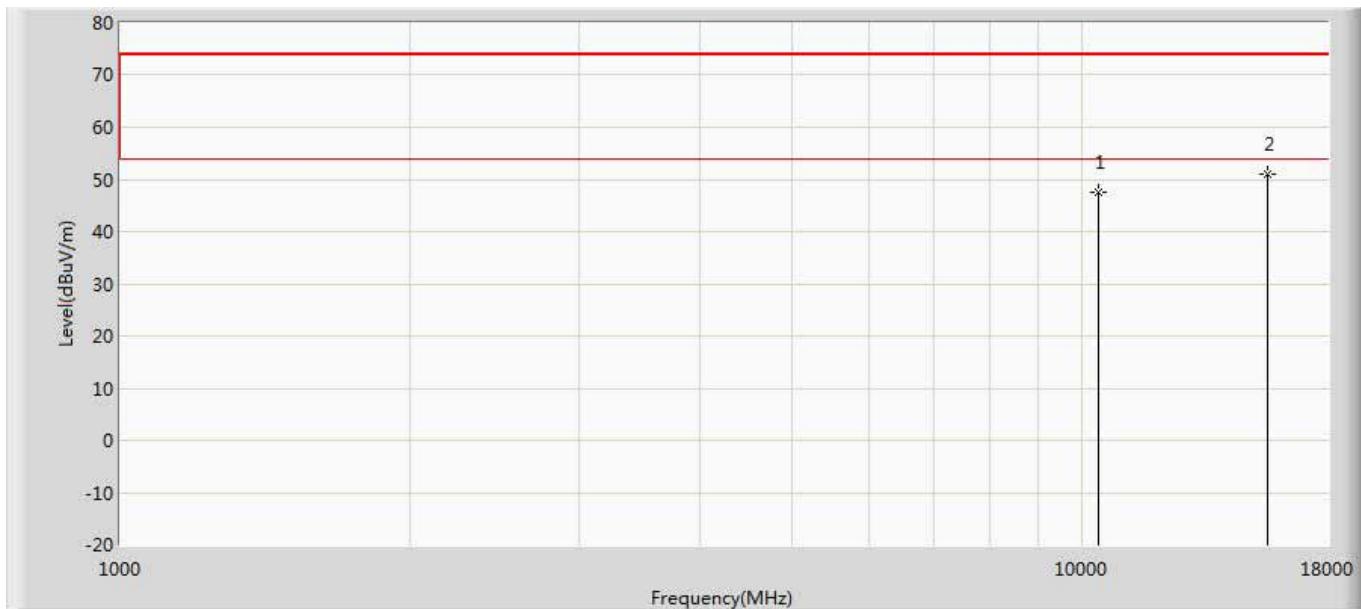
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.704	30.214	-27.296	74.000	16.490	PK
2	*	17475.000	48.748	28.541	-25.252	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 12:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190MHz by 802.11ac40 ANT0	



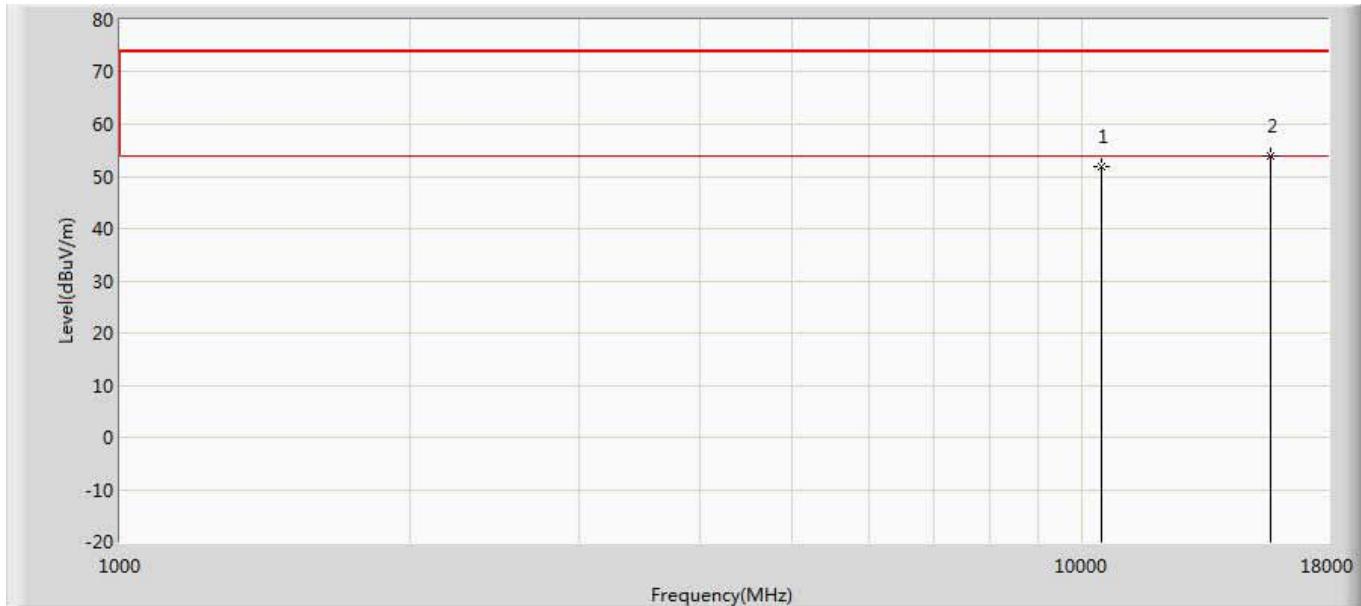
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.810	37.658	-23.190	74.000	13.152	PK
2	*	15570.000	53.064	33.523	-20.936	74.000	19.541	PK

Site: AC5	Time: 2017/06/05 - 13:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190MHz by 802.11ac40 ANT0	



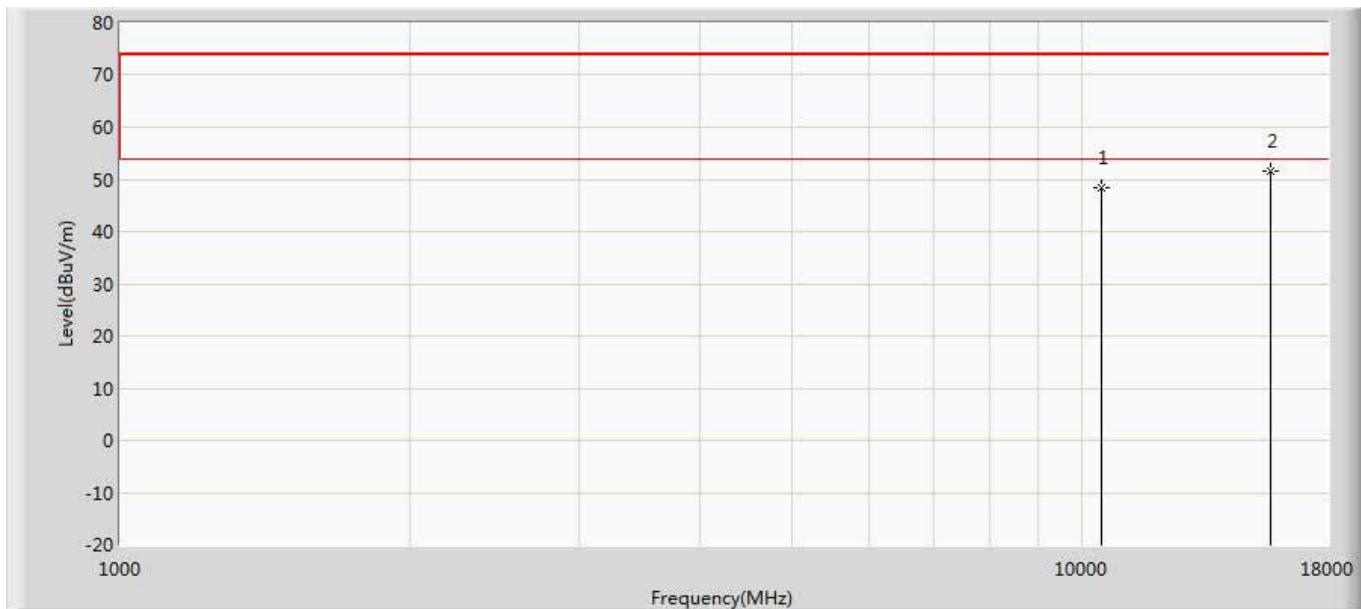
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	47.410	34.258	-26.590	74.000	13.152	PK
2	*	15570.000	51.065	31.524	-22.935	74.000	19.541	PK

Site: AC5	Time: 2017/06/05 - 13:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230MHz by 802.11ac40 ANT0	



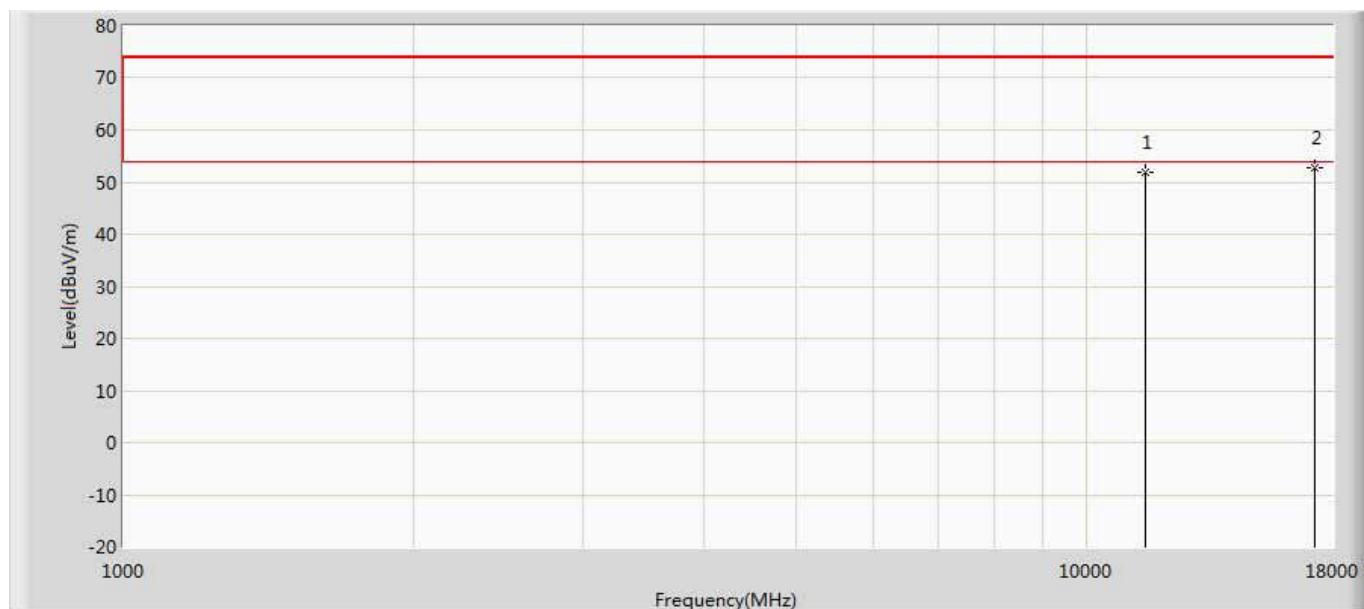
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	52.016	38.571	-21.984	74.000	13.445	PK
2	*	15690.000	53.983	33.674	-20.017	74.000	20.309	PK

Site: AC5	Time: 2017/06/05 - 13:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230MHz by 802.11ac40 ANT0	



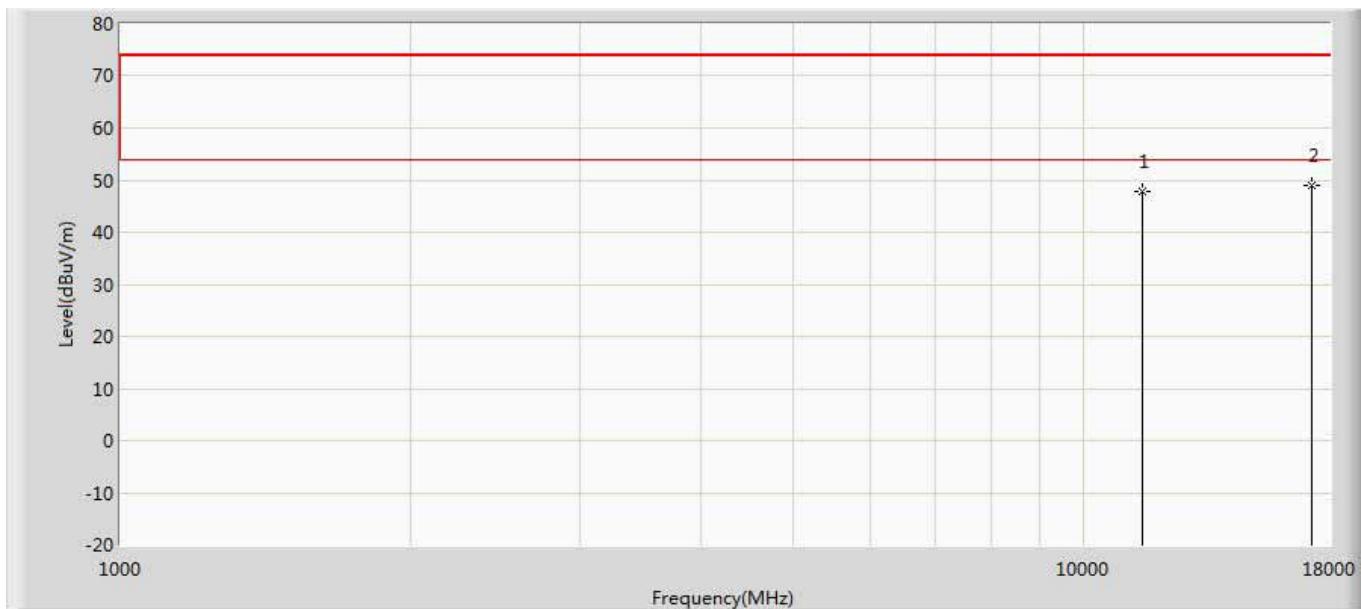
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	48.286	34.841	-25.714	74.000	13.445	PK
2	*	15690.000	51.526	31.217	-22.474	74.000	20.309	PK

Site:AC5	Time: 2017/06/05 - 16:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755MHz by 802.11ac40 ANT0	



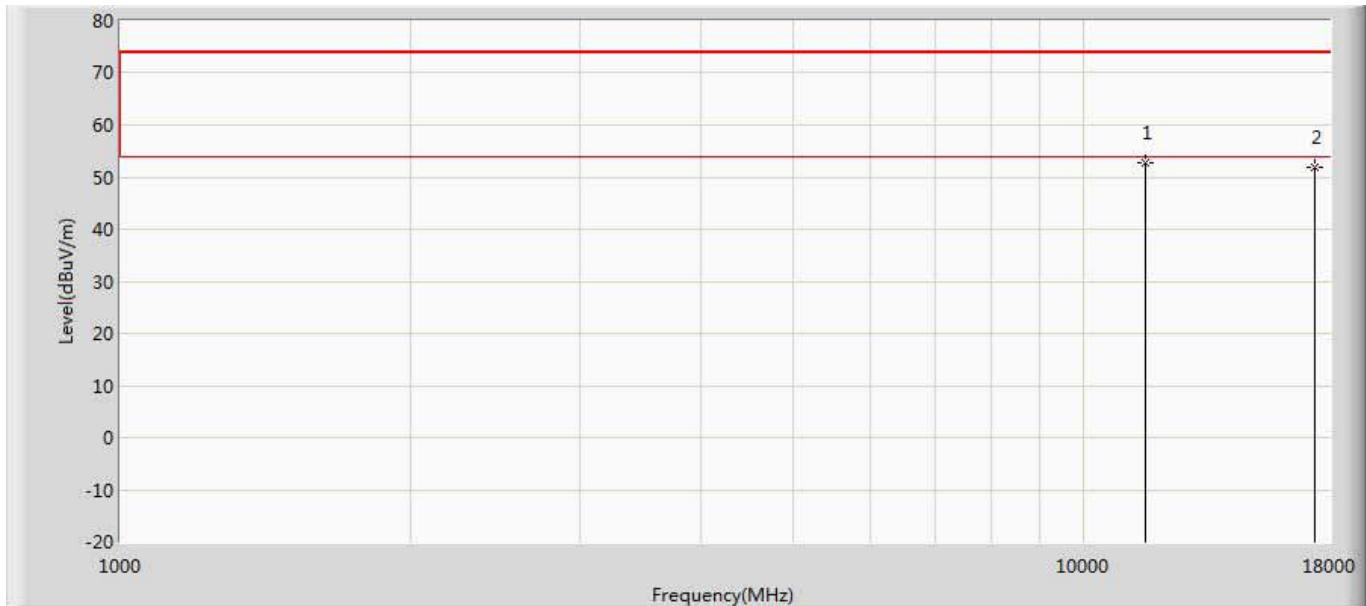
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	51.901	36.214	-22.099	74.000	15.687	PK
2	*	17265.000	52.764	32.116	-21.236	74.000	20.647	PK

Site:AC5	Time: 2017/06/05 - 16:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755MHz by 802.11ac40 ANT0	



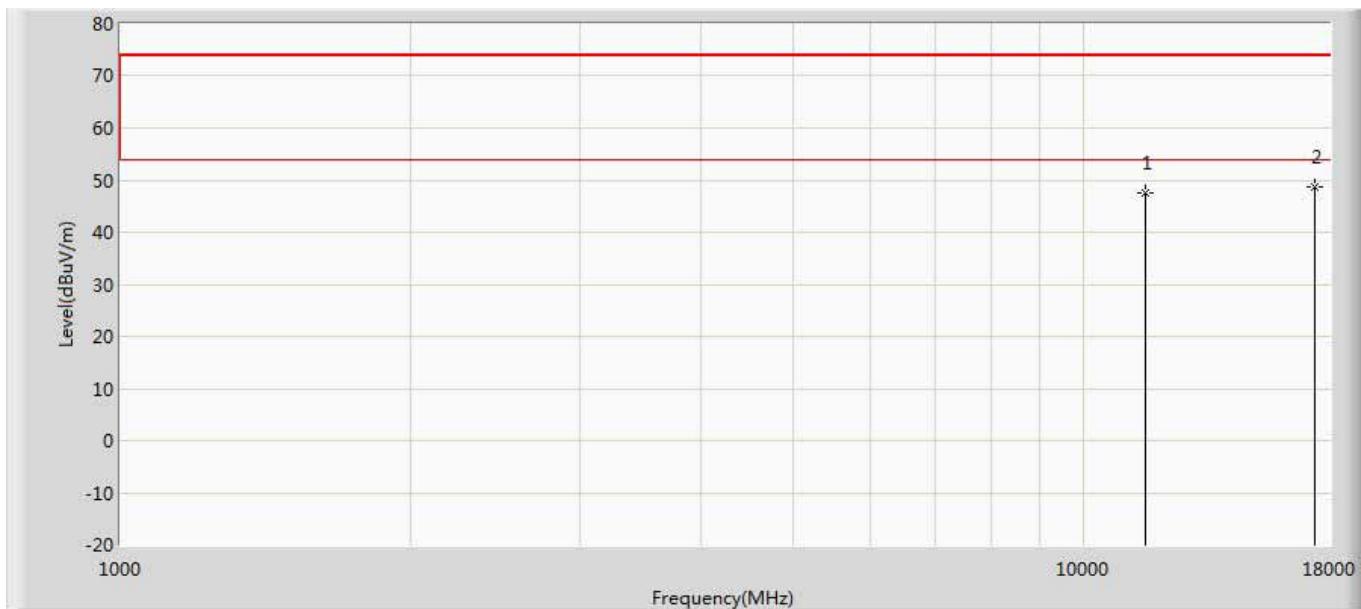
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.832	32.145	-26.168	74.000	15.687	PK
2	*	17265.000	49.099	28.451	-24.901	74.000	20.647	PK

Site:AC5	Time: 2017/06/05 - 16:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT0	



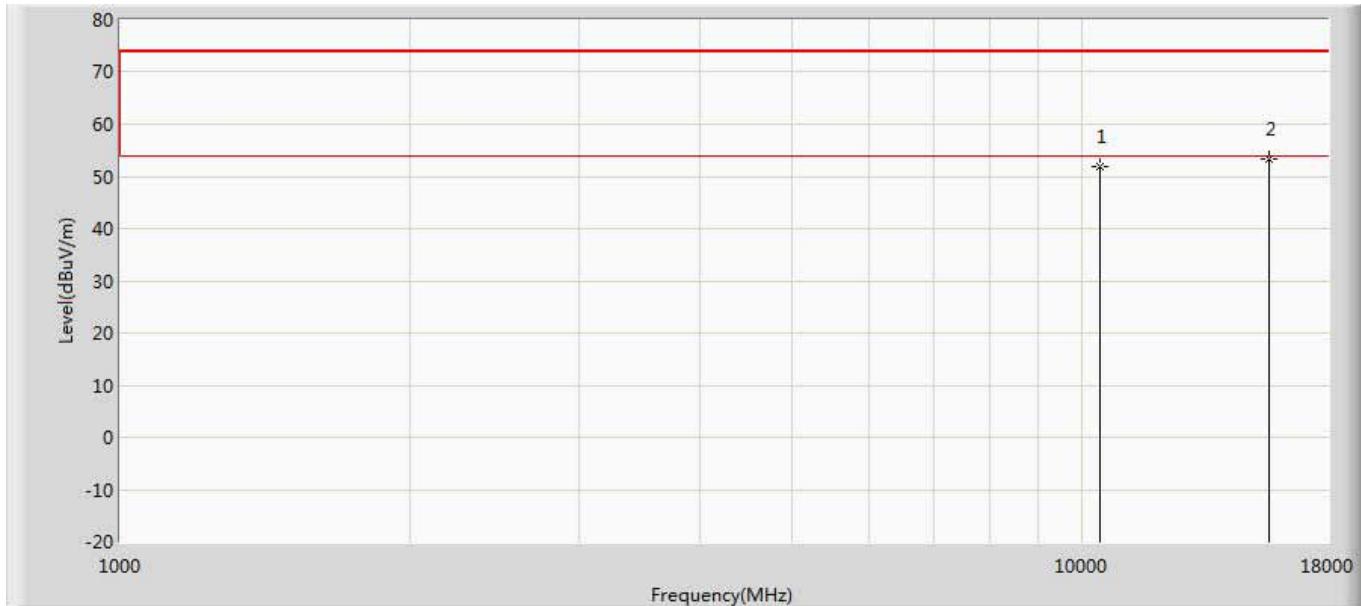
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	52.633	36.247	-21.367	74.000	16.385	PK
2		17385.000	51.833	31.241	-22.167	74.000	20.592	PK

Site:AC5	Time: 2017/06/05 - 16:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT0	



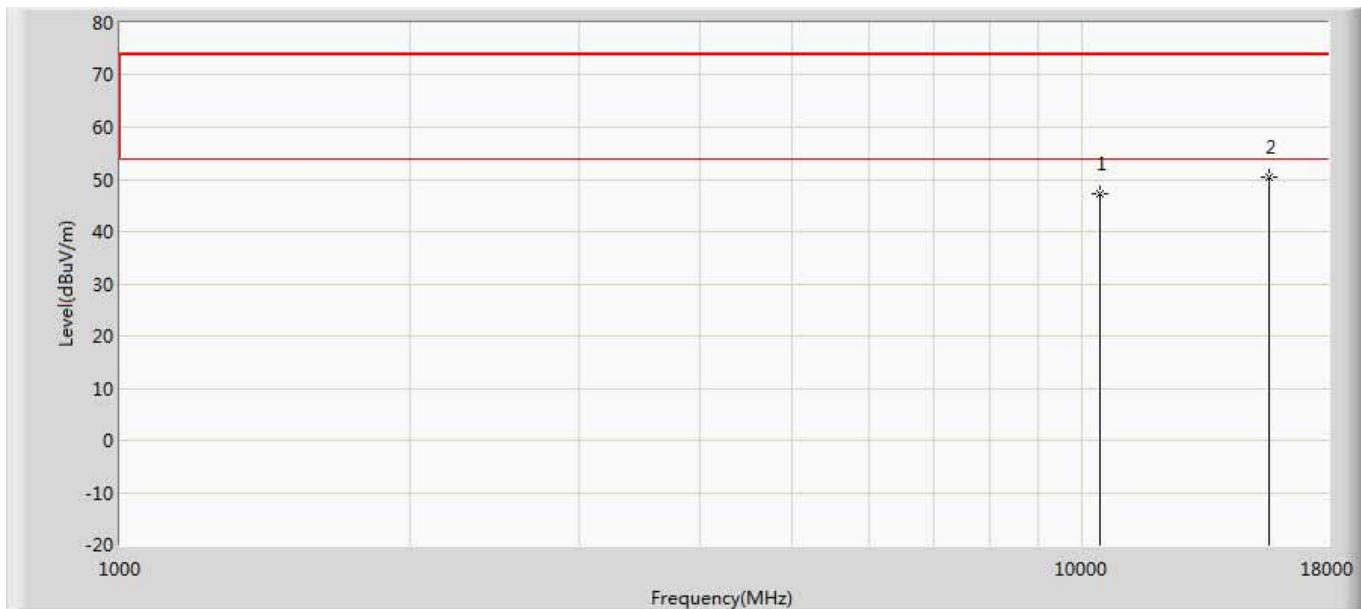
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	47.640	31.254	-26.360	74.000	16.385	PK
2	*	17385.000	48.756	28.164	-25.244	74.000	20.592	PK

Site: AC5	Time: 2017/06/05 - 13:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT0	



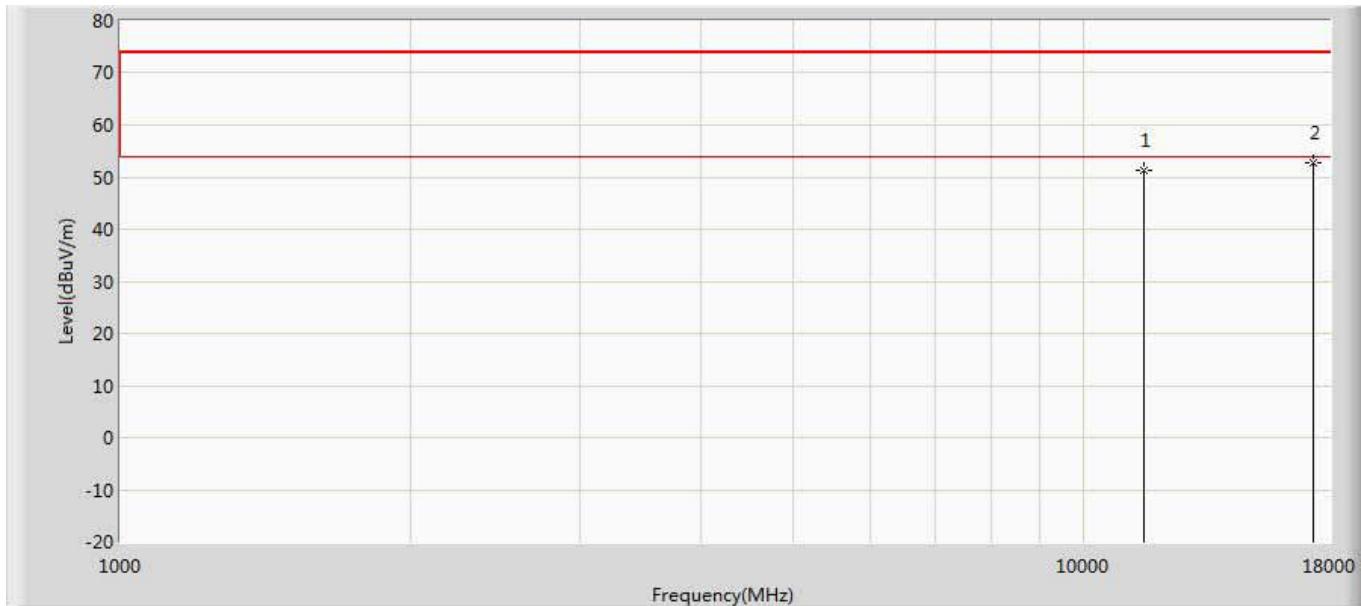
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	51.761	38.695	-22.239	74.000	13.065	PK
2	*	15630.000	53.321	33.741	-20.679	74.000	19.581	PK

Site: AC5	Time: 2017/06/05 - 13:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT0	



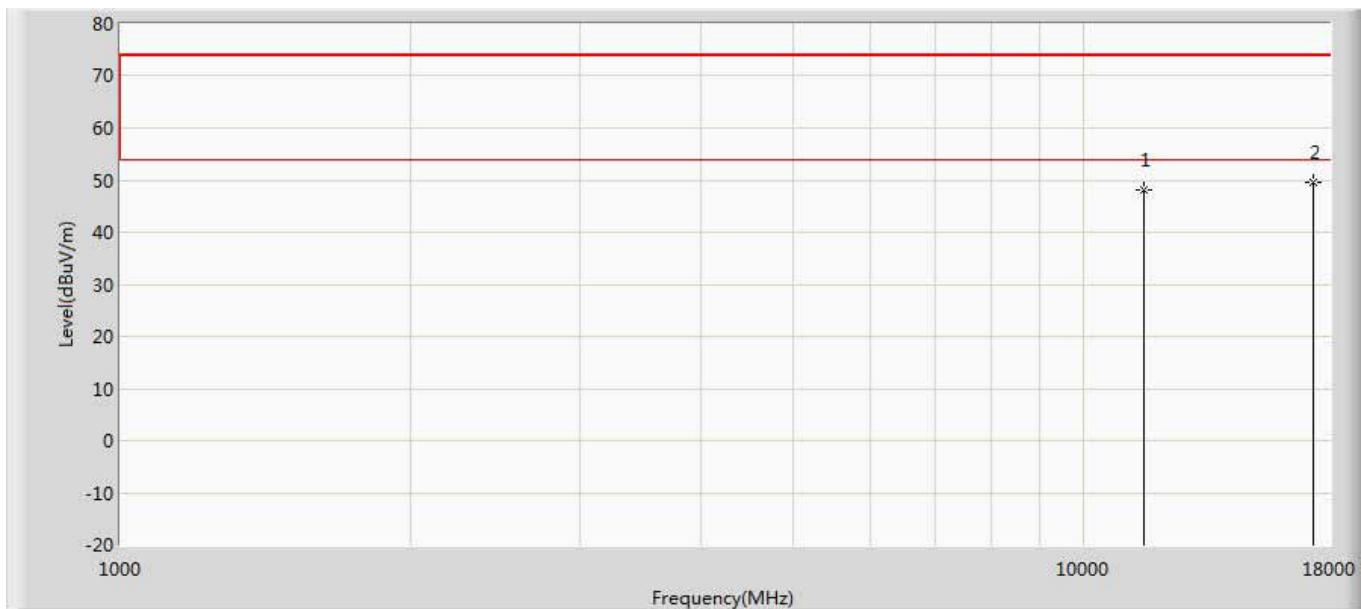
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	47.282	34.216	-26.718	74.000	13.065	PK
2	*	15630.000	50.421	30.841	-23.579	74.000	19.581	PK

Site:AC5	Time: 2017/06/05 - 16:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775MHz 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		11550.000	51.284	35.214	-22.716	74.000	16.070	PK
2	*	17325.000	52.655	31.548	-21.345	74.000	21.107	PK

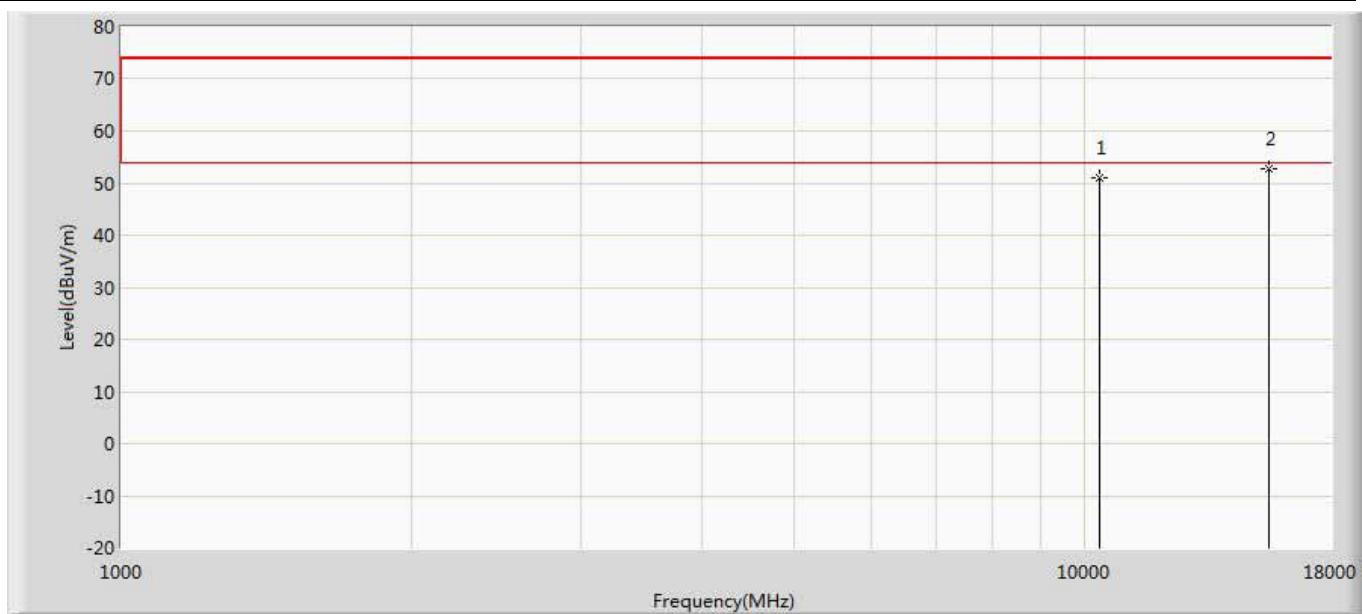
Site:AC5	Time: 2017/06/05 - 16:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775MHz by 802.11ac80 ANT0	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	48.226	32.156	-25.774	74.000	16.070	PK
2	*	17325.000	49.559	28.452	-24.441	74.000	21.107	PK

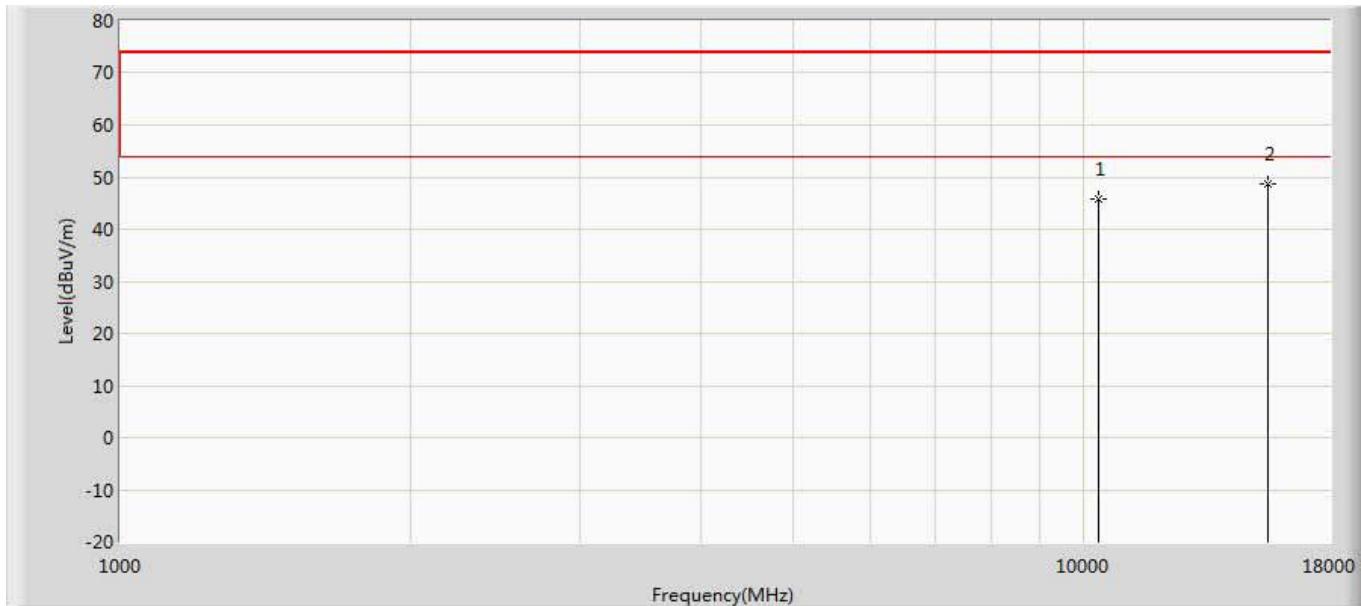
**Ant #1**

Site: AC5	Time: 2017/06/05 - 16:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180Mhz by 802.11aANT1	



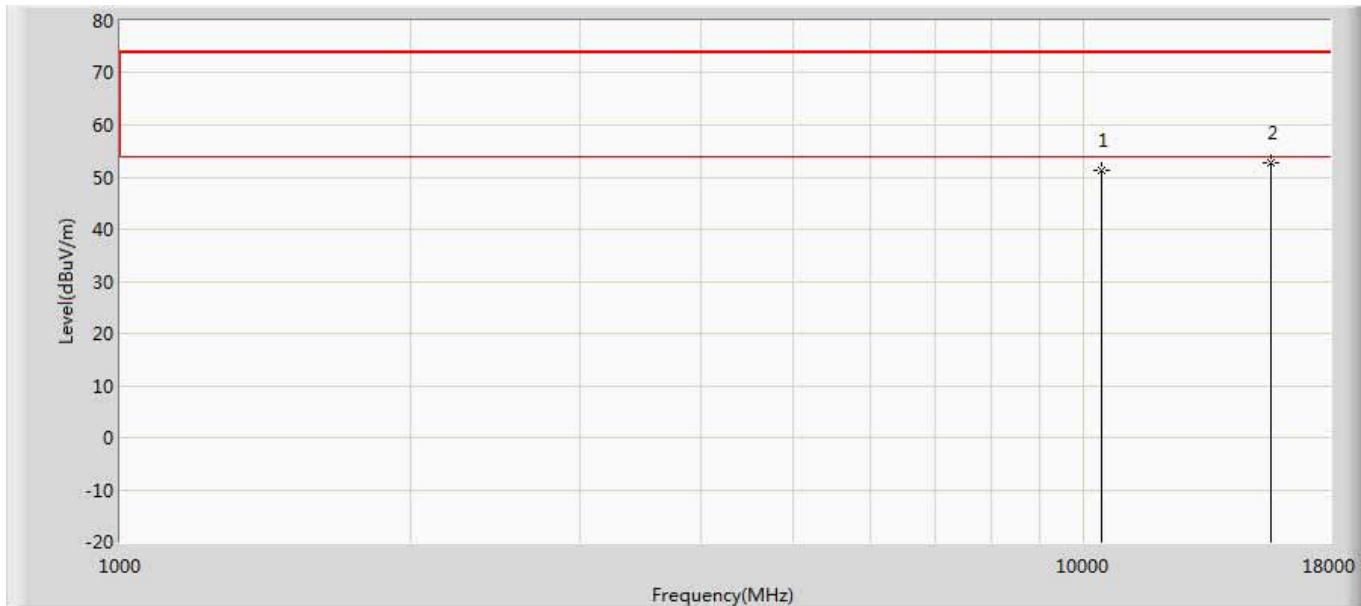
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.870	37.523	-23.130	74.000	13.347	PK
2	*	15540.000	52.736	34.258	-21.264	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180Mhz by 802.11aANT1	



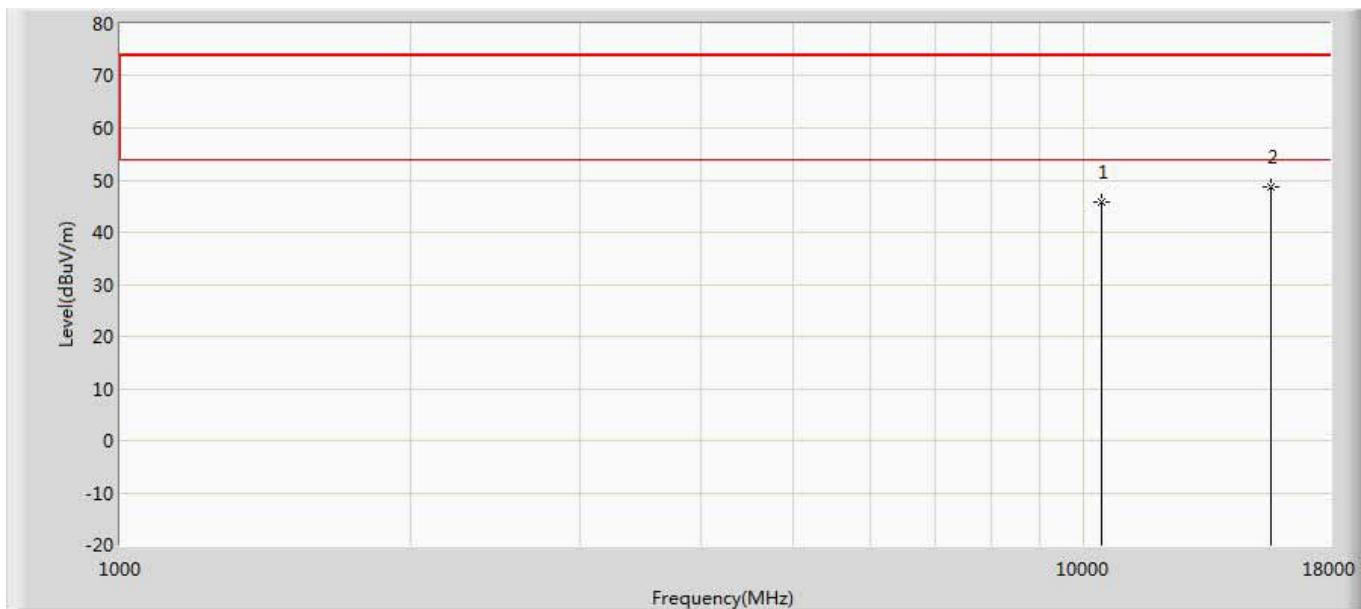
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.868	32.521	-28.132	74.000	13.347	PK
2	*	15540.000	48.619	30.141	-25.381	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220Mhz by 802.11aANT1	



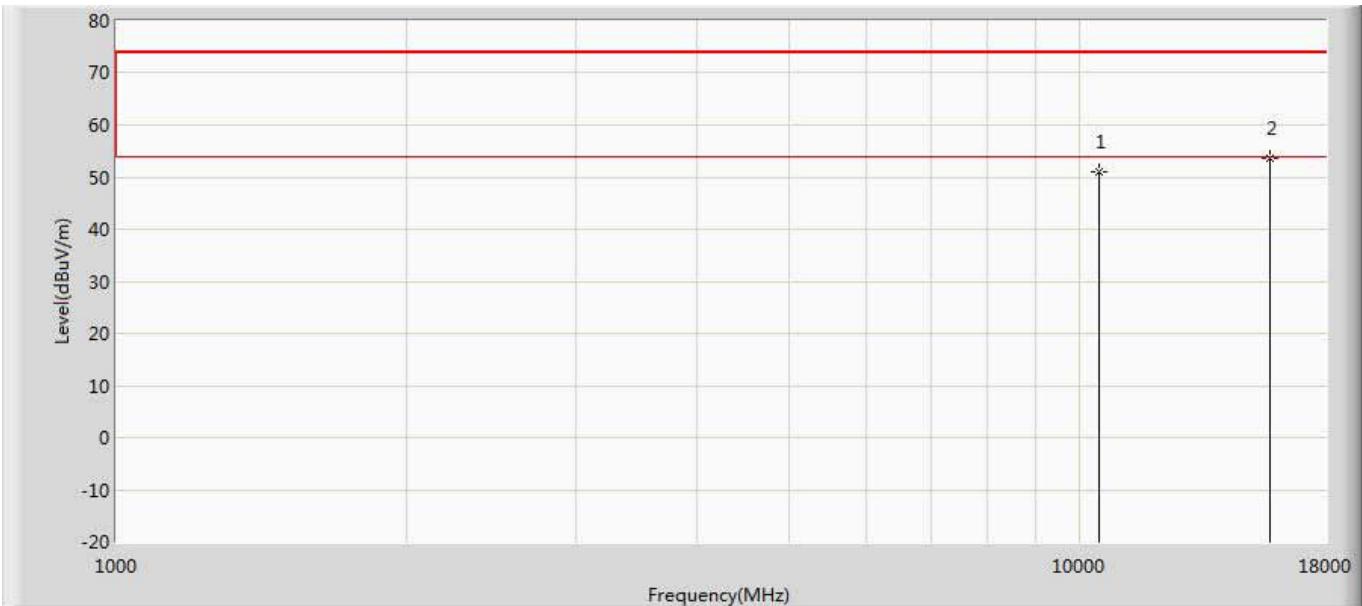
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.370	37.589	-22.630	74.000	13.781	PK
2	*	15660.000	52.836	34.258	-21.164	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 16:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220Mhz by 802.11aANT1	



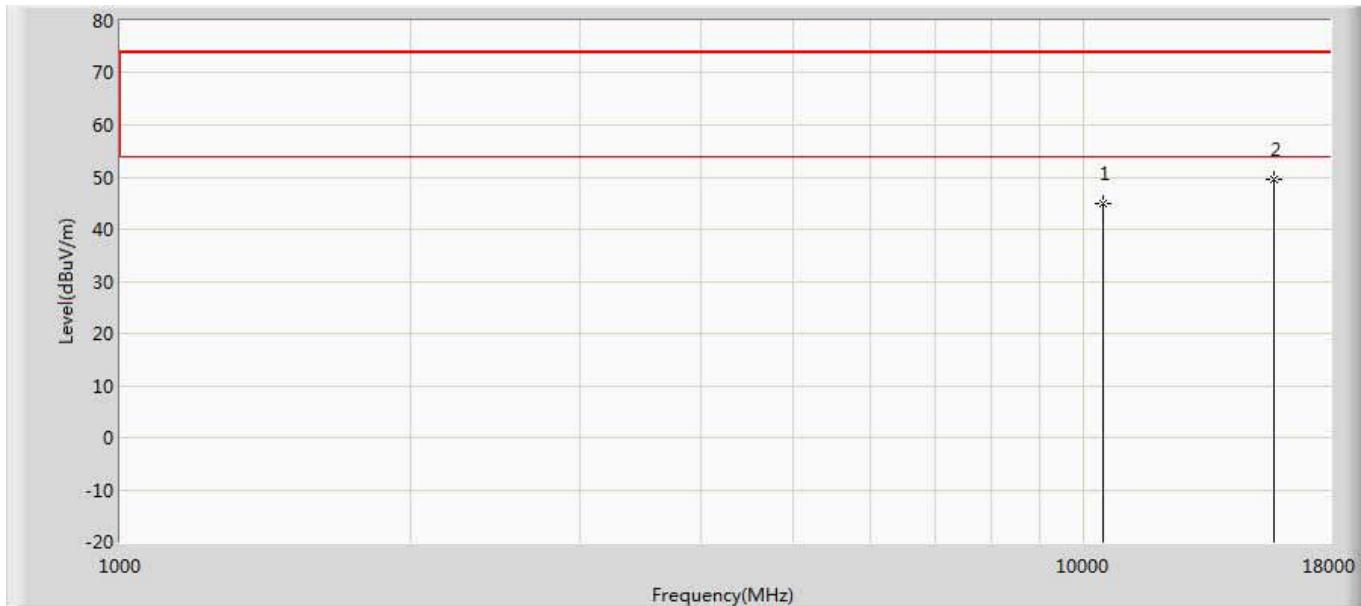
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.906	32.125	-28.094	74.000	13.781	PK
2	*	15660.000	48.699	30.121	-25.301	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 16:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240Mhz by 802.11aANT1	



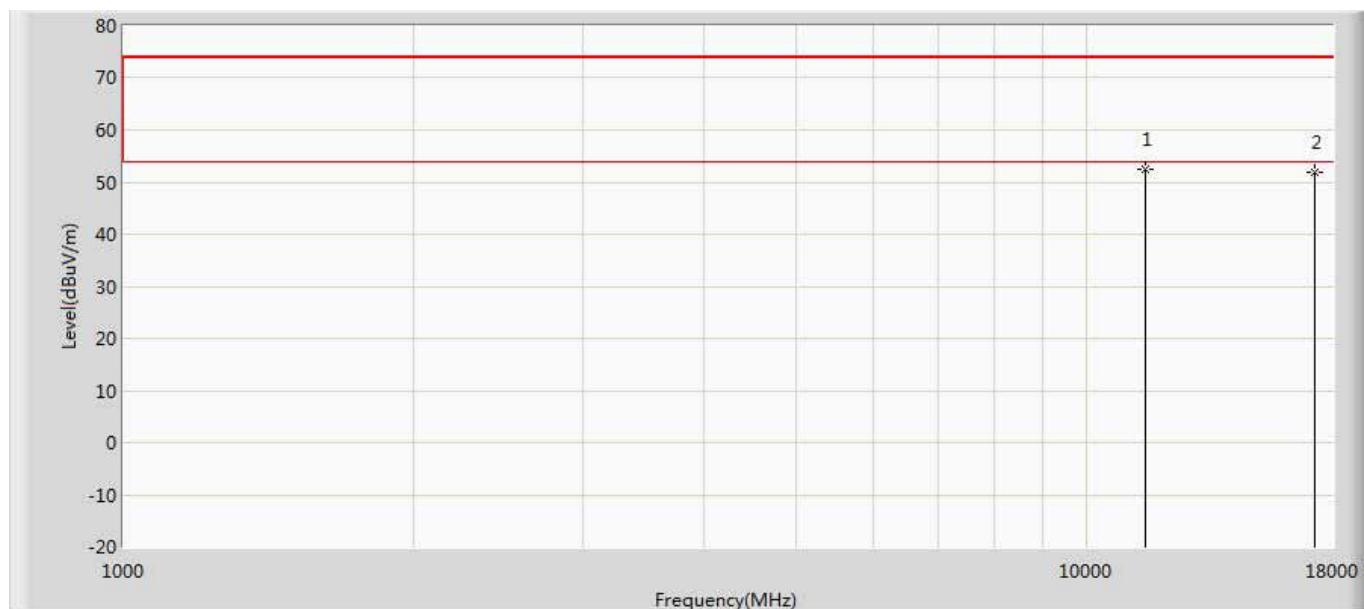
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.074	37.521	-22.926	74.000	13.552	PK
2	*	15720.000	53.532	33.258	-20.468	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 16:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240Mhz by 802.11aANT1	



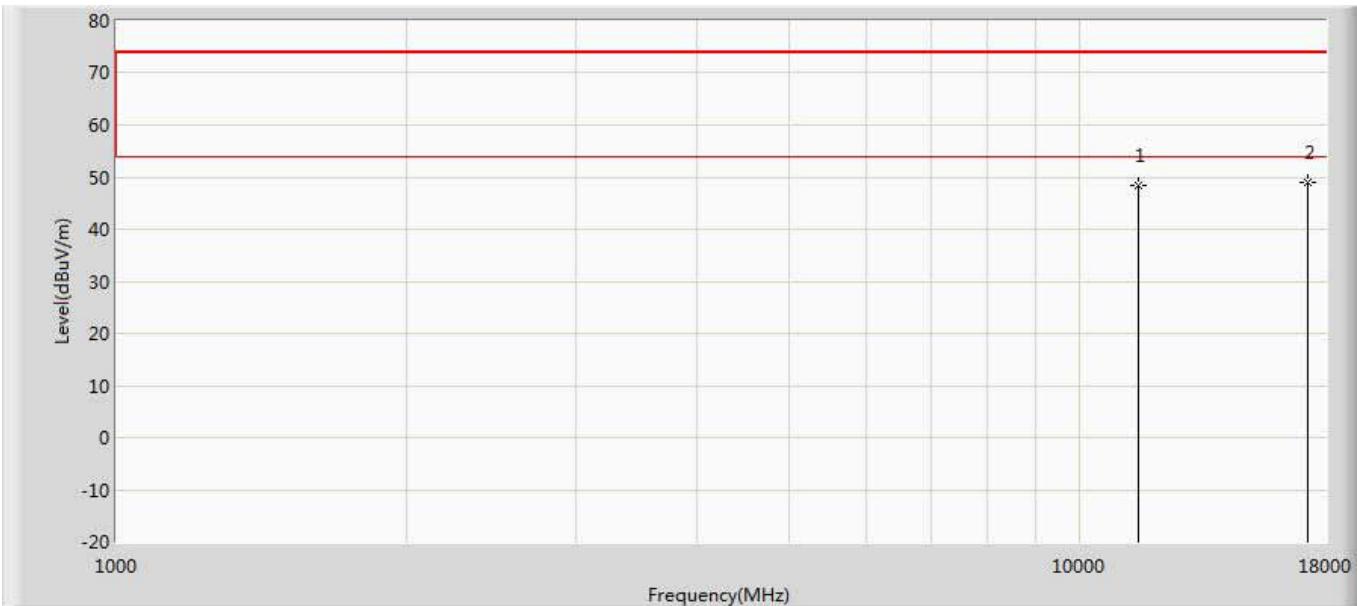
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.822	31.269	-29.178	74.000	13.552	PK
2	*	15720.000	49.686	29.412	-24.314	74.000	20.274	PK

Site:AC5	Time: 2017/06/06 - 13:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT1	



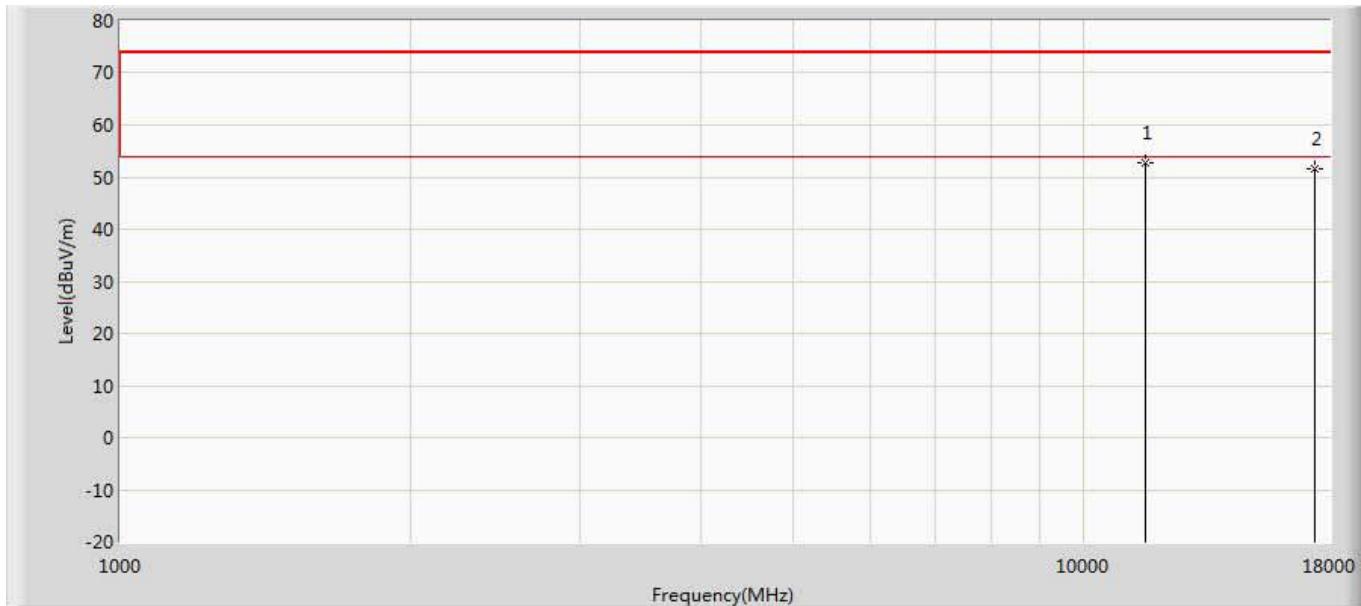
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11490.000	52.438	37.354	-21.562	74.000	15.084	PK
2		17235.000	52.020	32.541	-21.980	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 13:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT1	



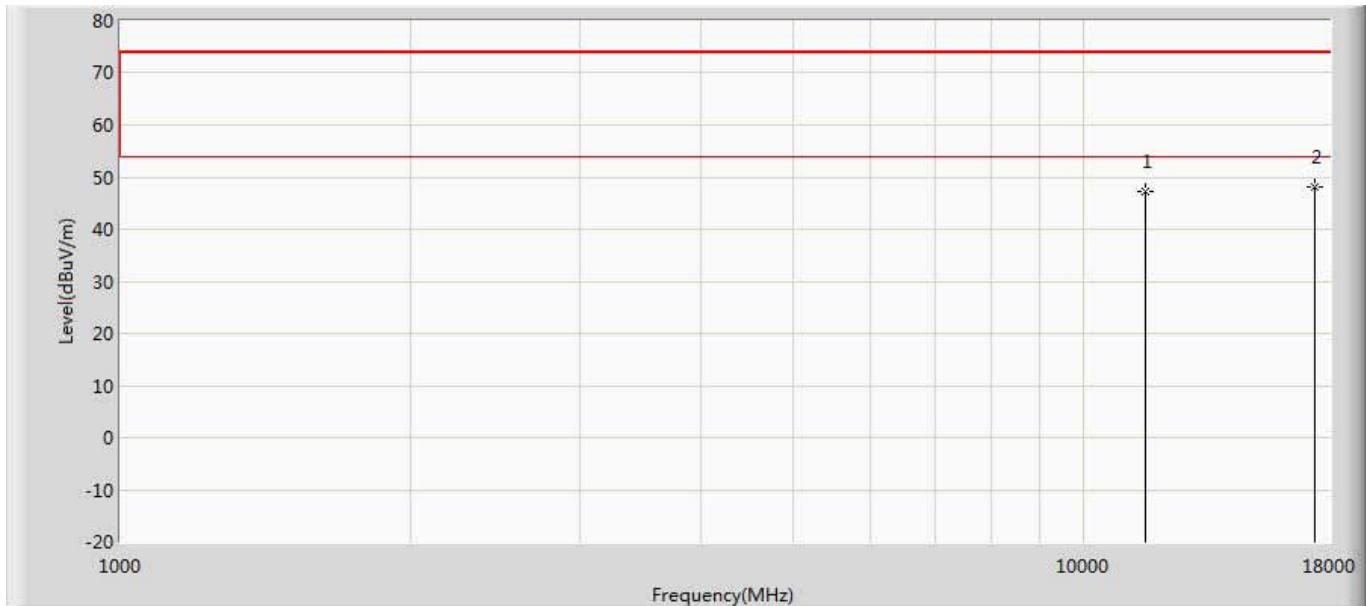
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	48.340	33.256	-25.660	74.000	15.084	PK
2	*	17235.000	48.942	29.463	-25.058	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 13:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT1	



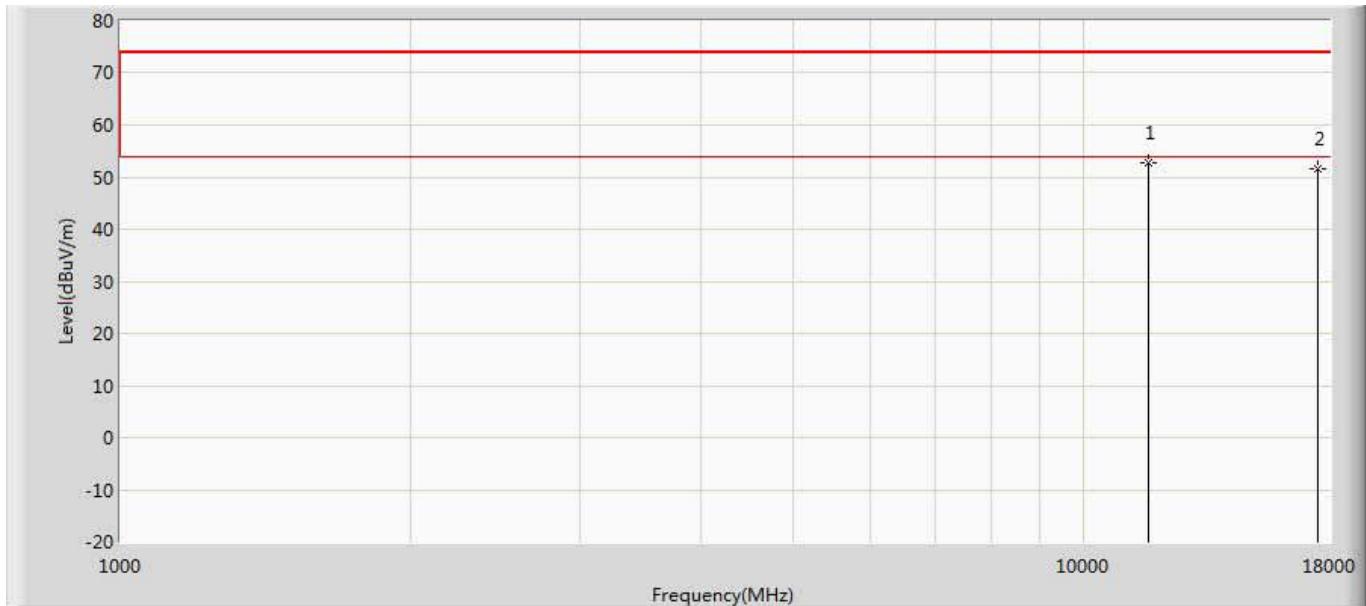
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11570.000	52.717	36.541	-21.283	74.000	16.177	PK
2		17355.000	51.609	31.025	-22.391	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 13:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT1	



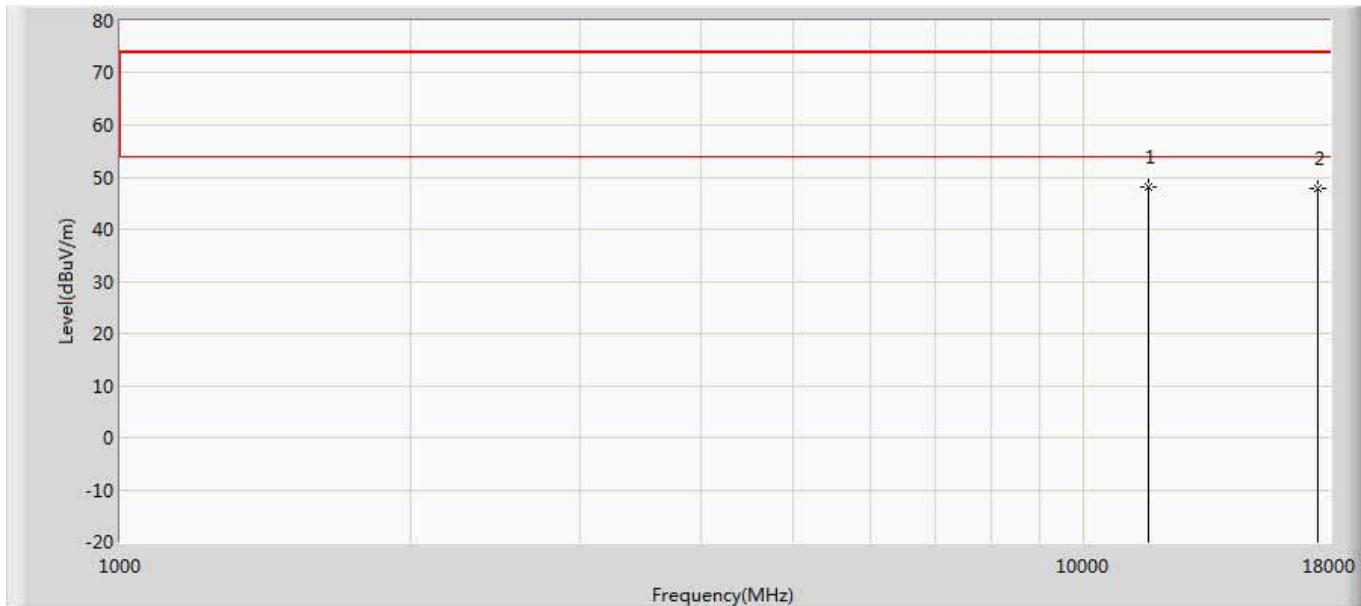
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	47.197	31.021	-26.803	74.000	16.177	PK
2	*	17355.000	48.148	27.564	-25.852	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 13:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT1	



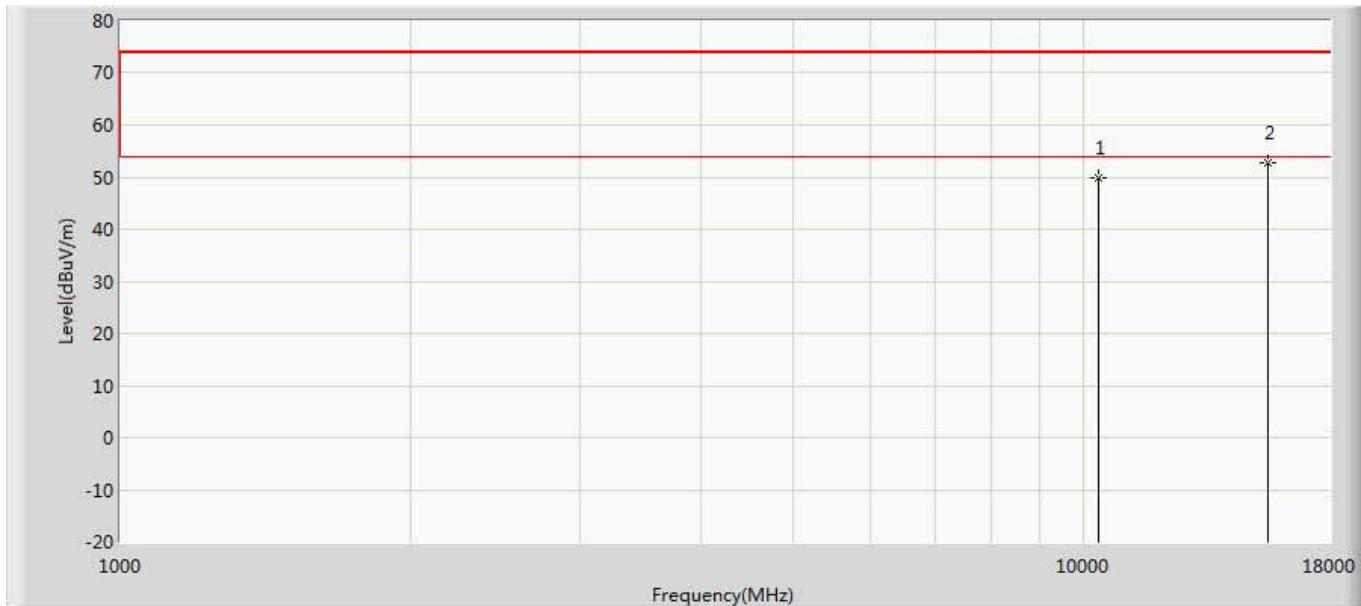
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	52.814	36.324	-21.186	74.000	16.490	PK
2		17475.000	51.633	31.426	-22.367	74.000	20.208	PK

Site:AC5	Time: 2017/06/06 - 13:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT1	



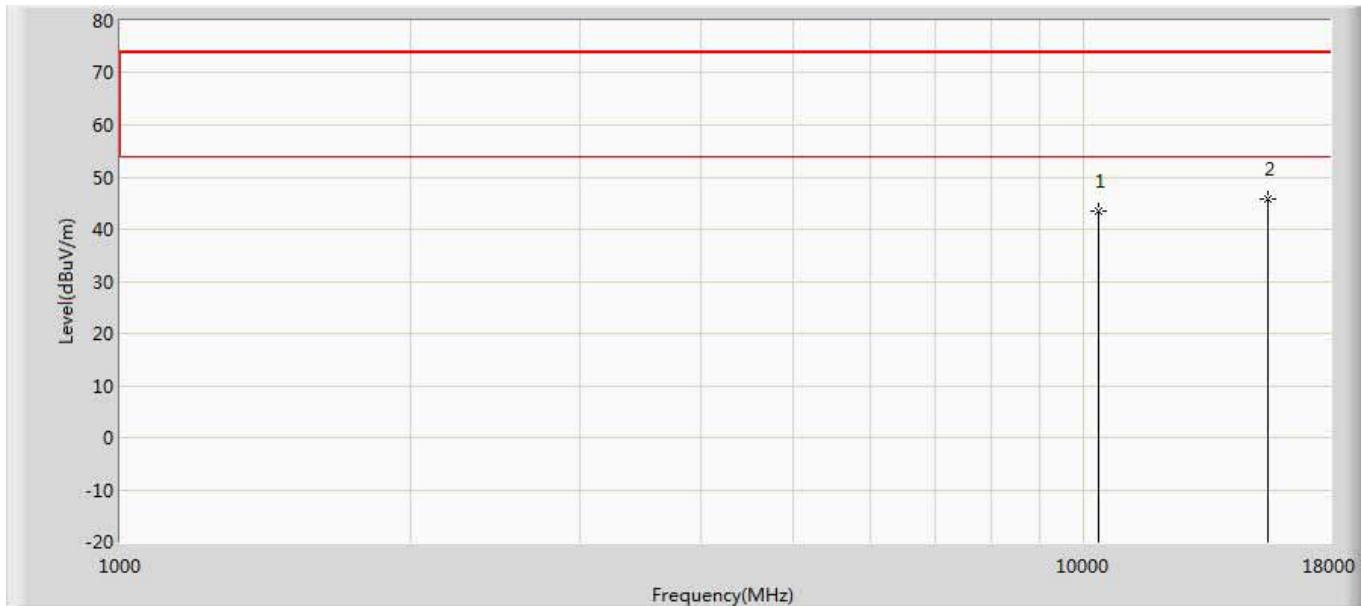
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	48.036	31.546	-25.964	74.000	16.490	PK
2		17475.000	47.793	27.586	-26.207	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 16:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180Mhz by 802.11n20 ANT1	



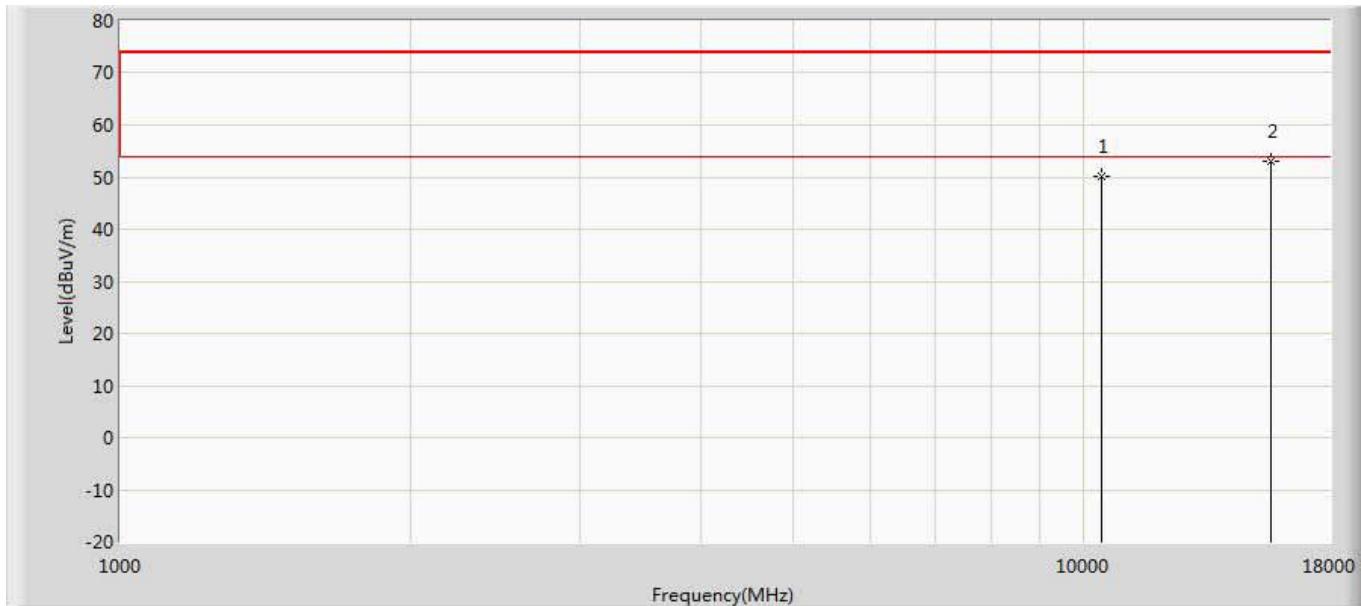
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.888	36.541	-24.112	74.000	13.347	PK
2	*	15540.000	52.643	34.165	-21.357	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180Mhz by 802.11n20 ANT1	



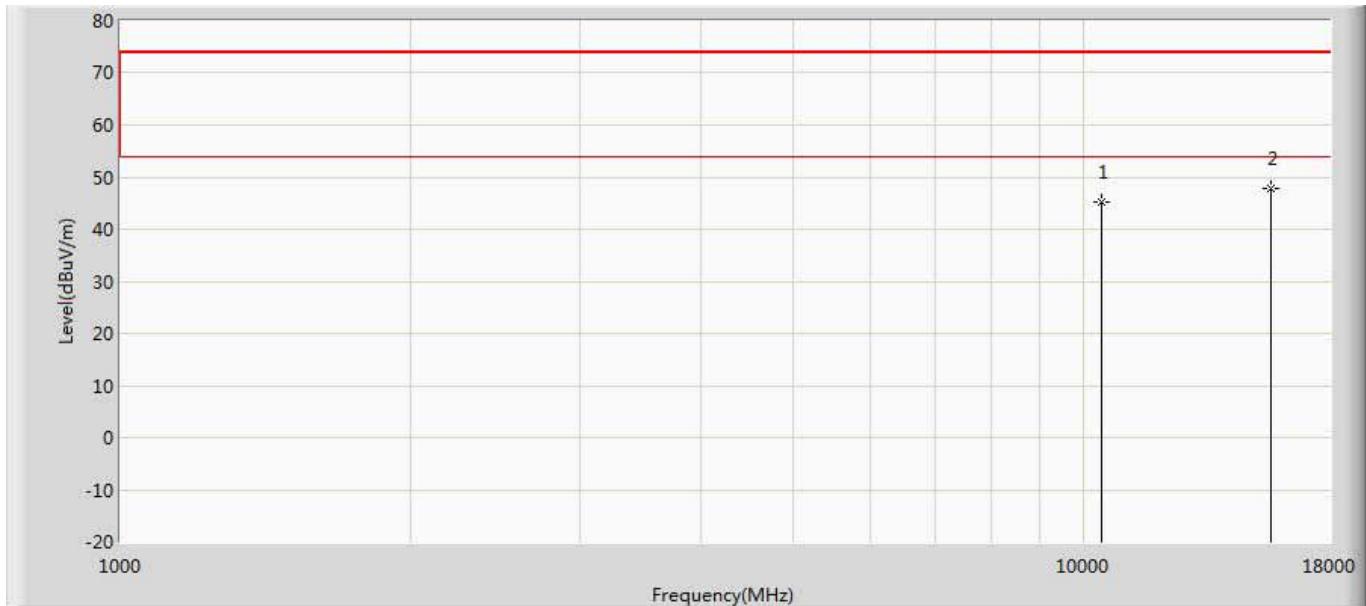
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	43.603	30.256	-30.397	74.000	13.347	PK
2	*	15540.000	45.934	27.456	-28.066	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220Mhz by 802.11n20 ANT1	



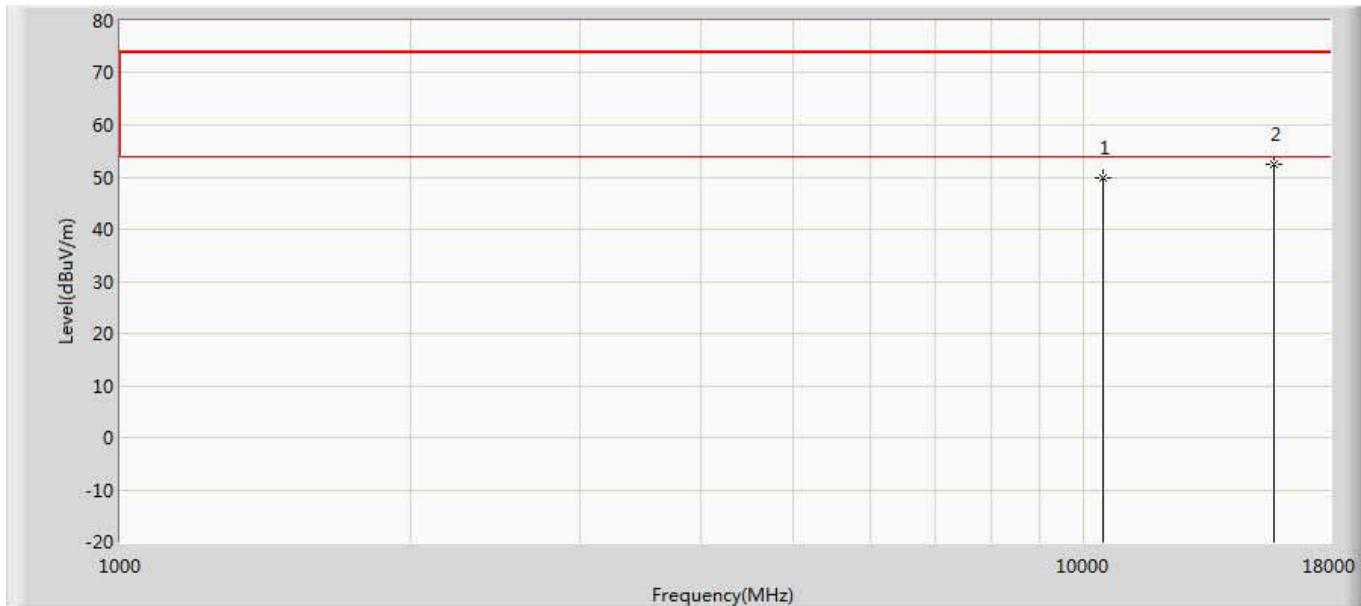
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.028	36.247	-23.972	74.000	13.781	PK
2	*	15660.000	53.101	34.523	-20.899	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 16:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220Mhz by 802.11n20 ANT1	



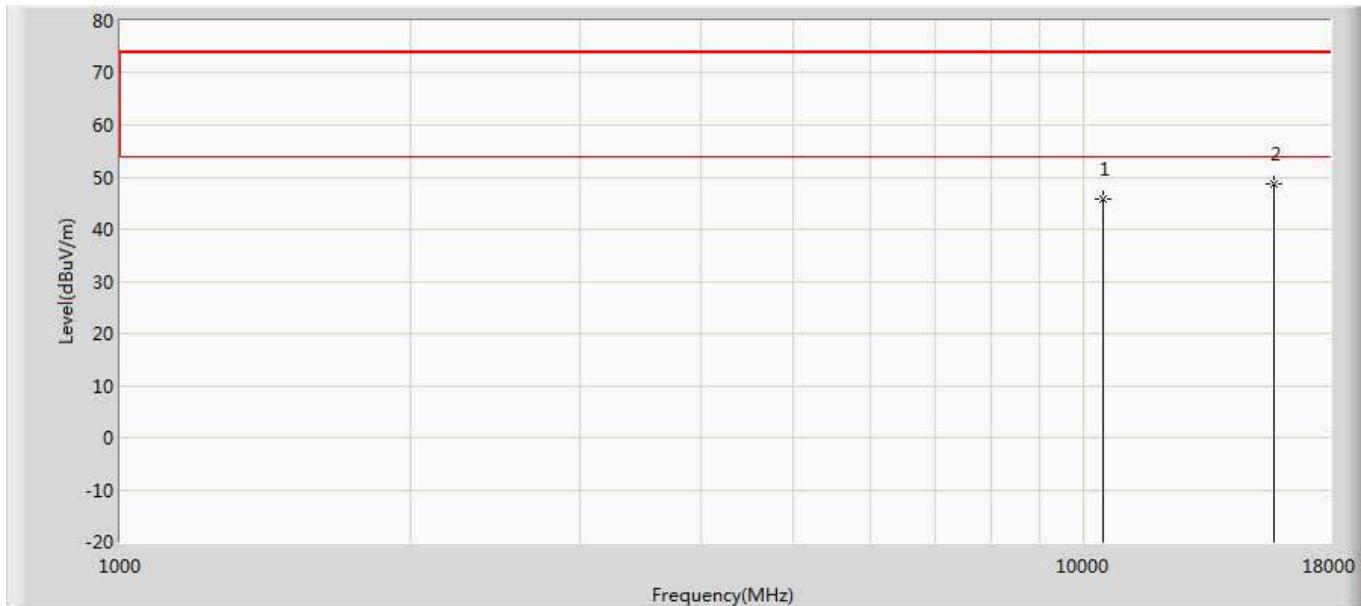
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.344	31.563	-28.656	74.000	13.781	PK
2	*	15660.000	47.902	29.324	-26.098	74.000	18.578	PK

Site: AC5	Time: 2017/06/05 - 16:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240Mhz by 802.11n20 ANT1	



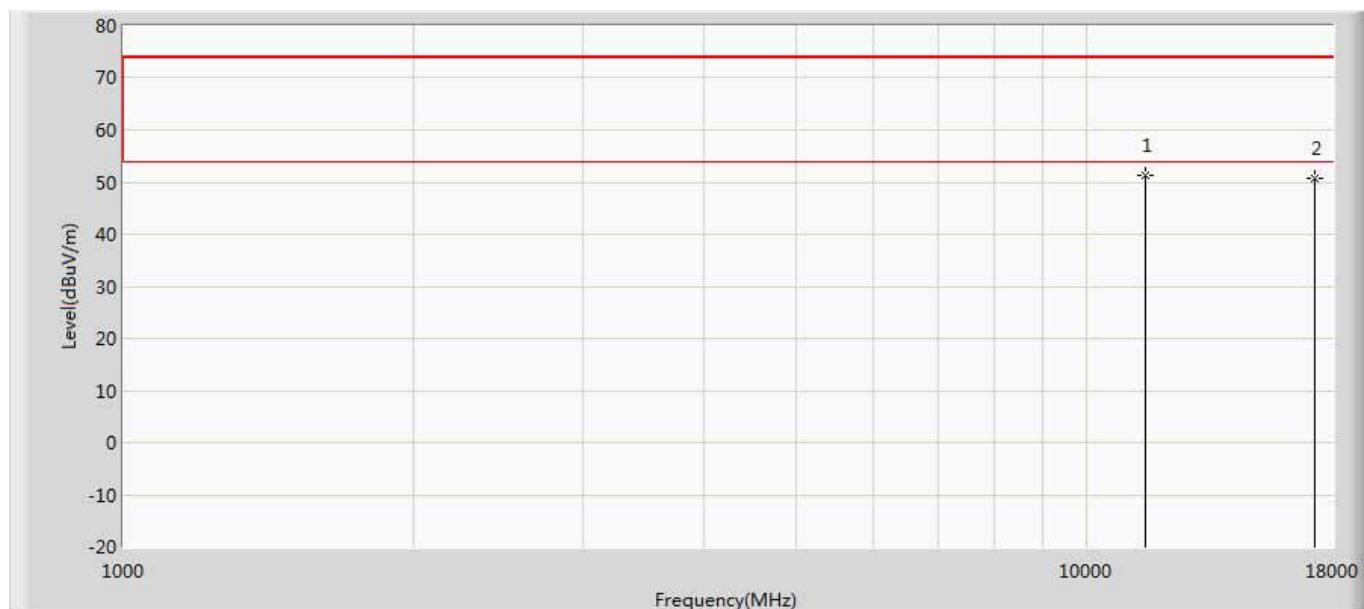
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	49.807	36.254	-24.193	74.000	13.552	PK
2	*	15720.000	52.390	32.116	-21.610	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 16:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240Mhz by 802.11n20 ANT1	



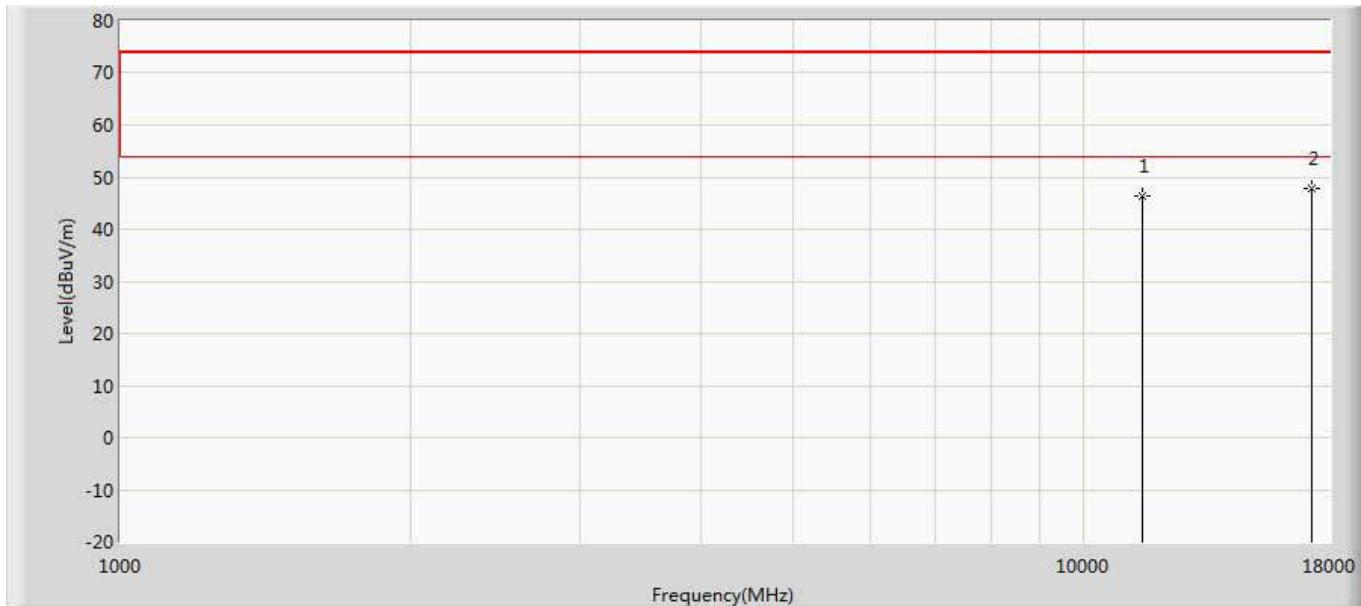
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.709	32.156	-28.291	74.000	13.552	PK
2	*	15720.000	48.690	28.416	-25.310	74.000	20.274	PK

Site: AC5	Time: 2017/06/06 - 13:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745Mhz by 802.11n20 ANT1	



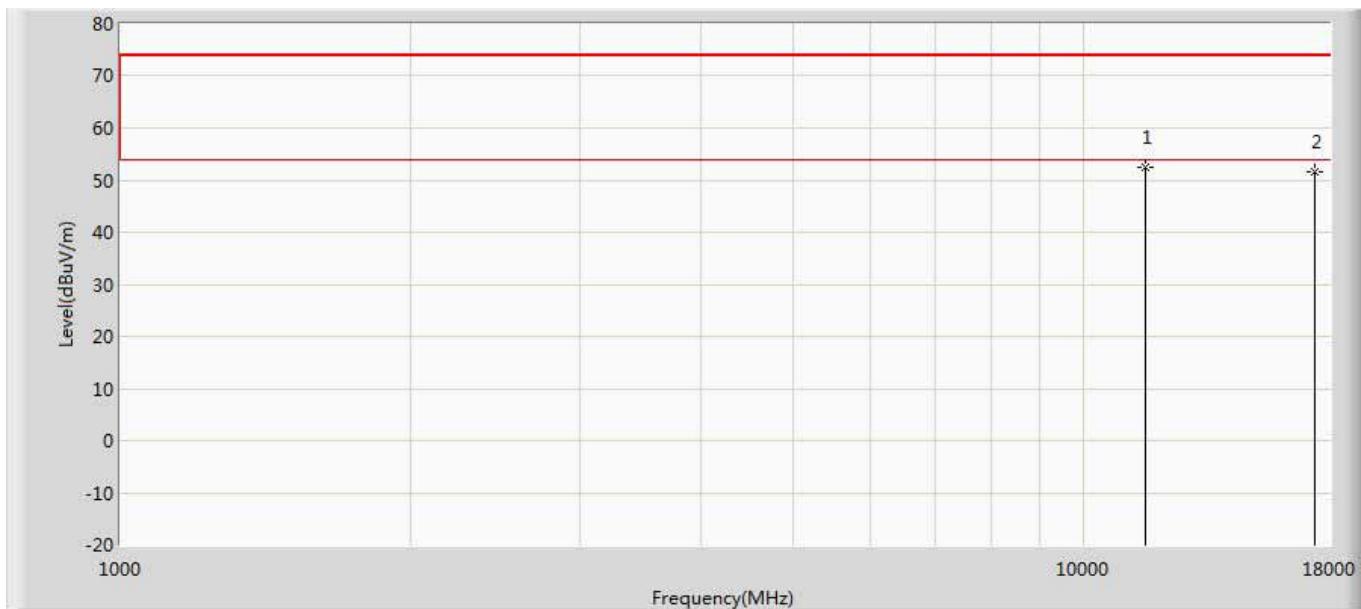
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11490.000	51.325	36.241	-22.675	74.000	15.084	PK
2		17235.000	50.830	31.351	-23.170	74.000	19.479	PK

Site: AC5	Time: 2017/06/06 - 13:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745Mhz by 802.11n20 ANT1	



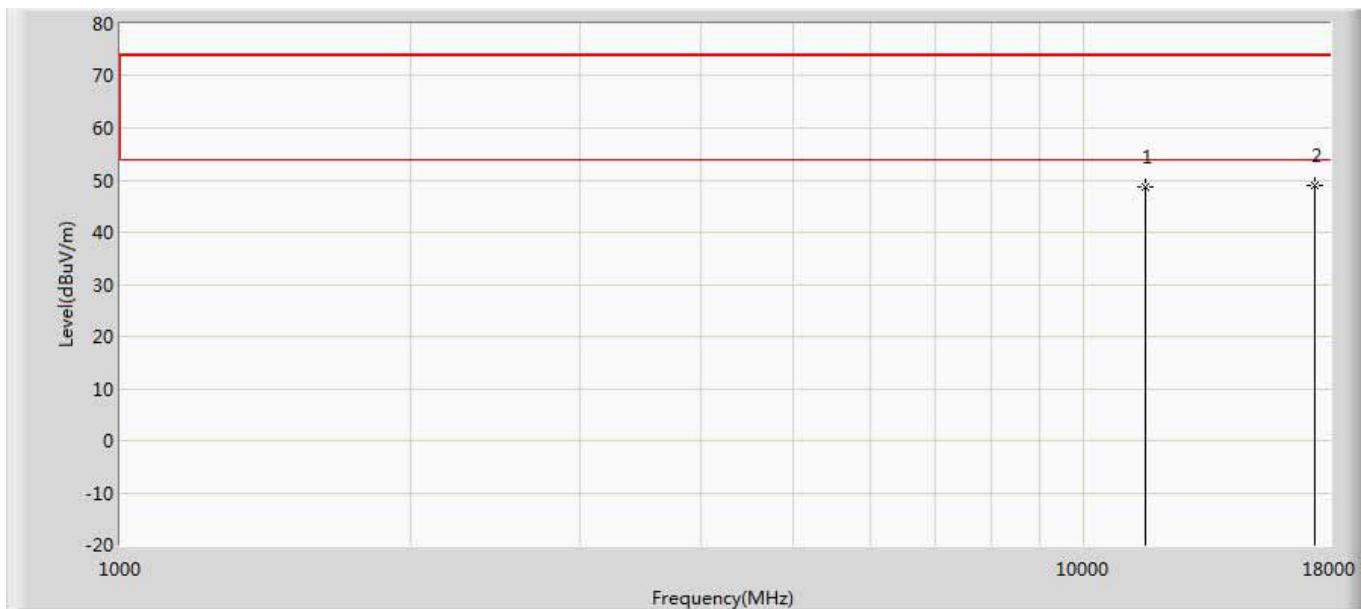
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	46.338	31.254	-27.662	74.000	15.084	PK
2	*	17235.000	47.750	28.271	-26.250	74.000	19.479	PK

Site: AC5	Time: 2017/06/06 - 13:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785Mhz by 802.11n20 ANT1	



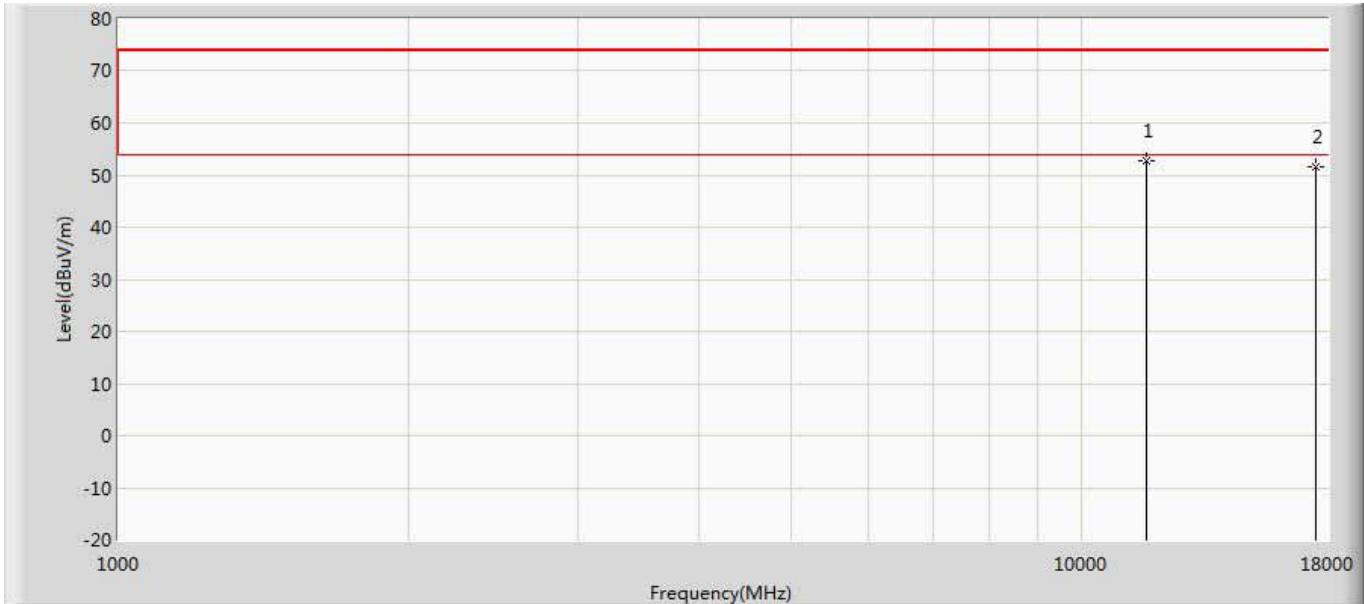
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11570.000	52.417	36.241	-21.583	74.000	16.177	PK
2		17355.000	51.609	31.025	-22.391	74.000	20.584	PK

Site: AC5	Time: 2017/06/06 - 13:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785Mhz by 802.11n20 ANT1	



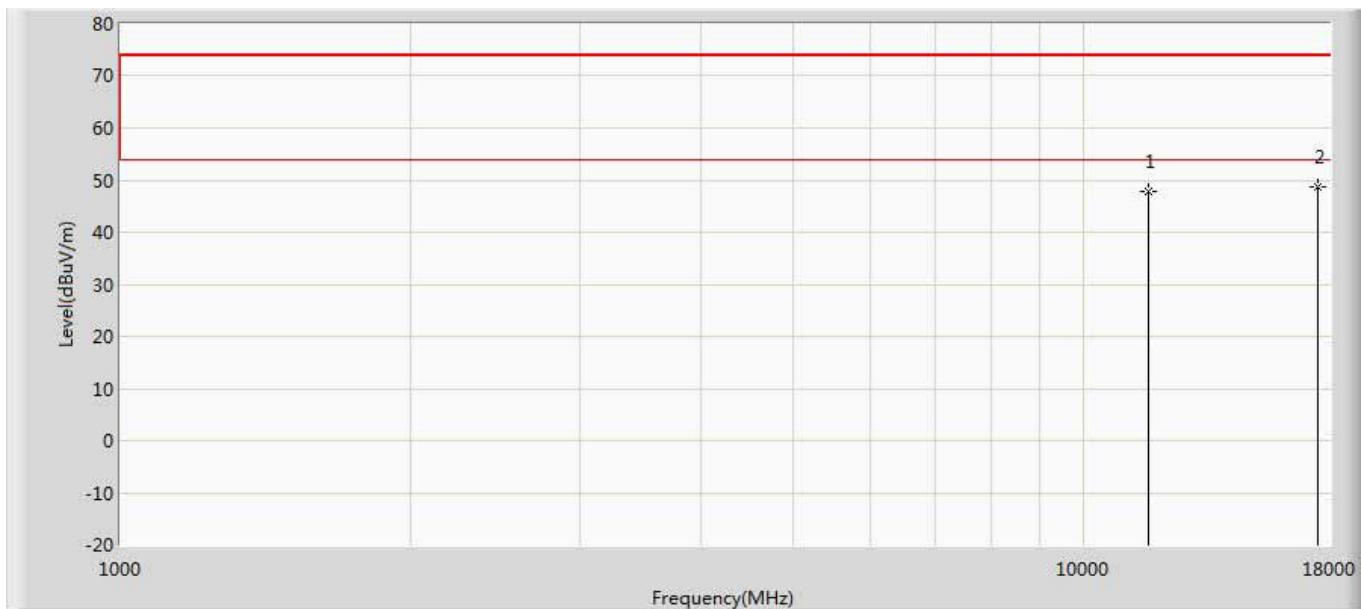
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.750	32.574	-25.250	74.000	16.177	PK
2	*	17355.000	48.946	28.362	-25.054	74.000	20.584	PK

Site: AC5	Time: 2017/06/06 - 13:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825Mhz by 802.11n20 ANT1	



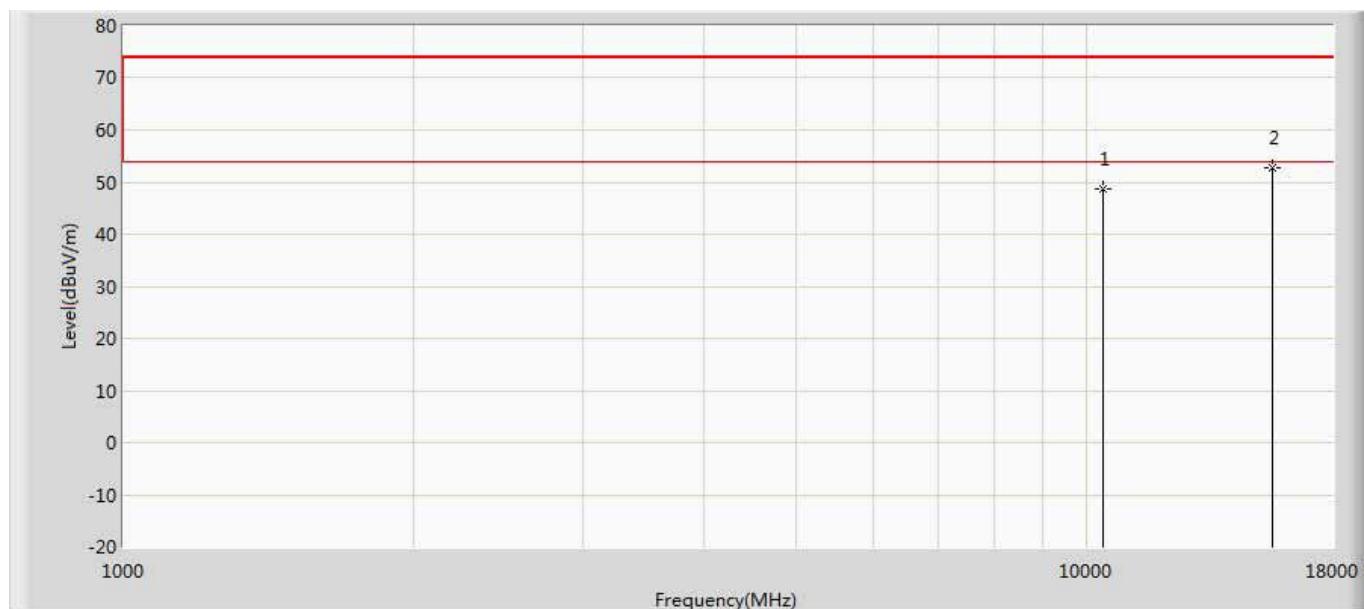
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	52.703	36.213	-21.297	74.000	16.490	PK
2		17475.000	51.727	31.520	-22.273	74.000	20.208	PK

Site: AC5	Time: 2017/06/06 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825Mhz by 802.11n20 ANT1	



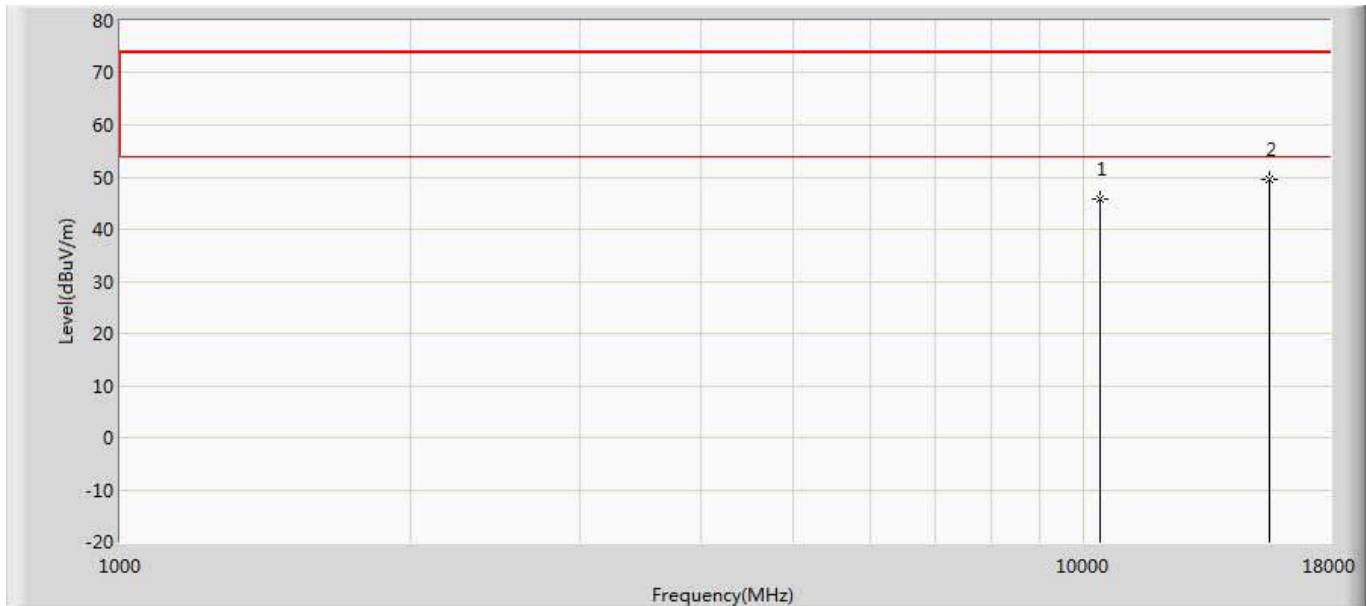
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	47.744	31.254	-26.256	74.000	16.490	PK
2	*	17475.000	48.646	28.439	-25.354	74.000	20.208	PK

Site: AC5	Time: 2017/06/06 - 09:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190Mhz by 802.11n40 ANT1	



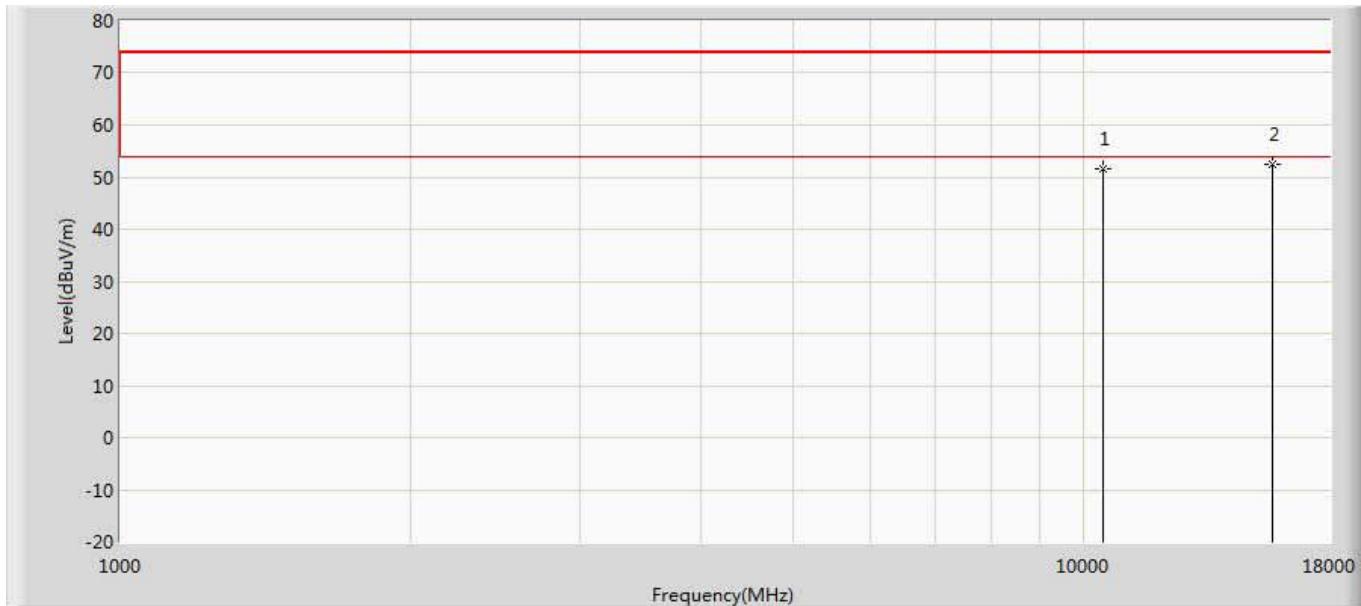
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	48.773	35.621	-25.227	74.000	13.152	PK
2	*	15570.000	52.756	33.215	-21.244	74.000	19.541	PK

Site: AC5	Time: 2017/06/06 - 09:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190Mhz by 802.11n40 ANT1	



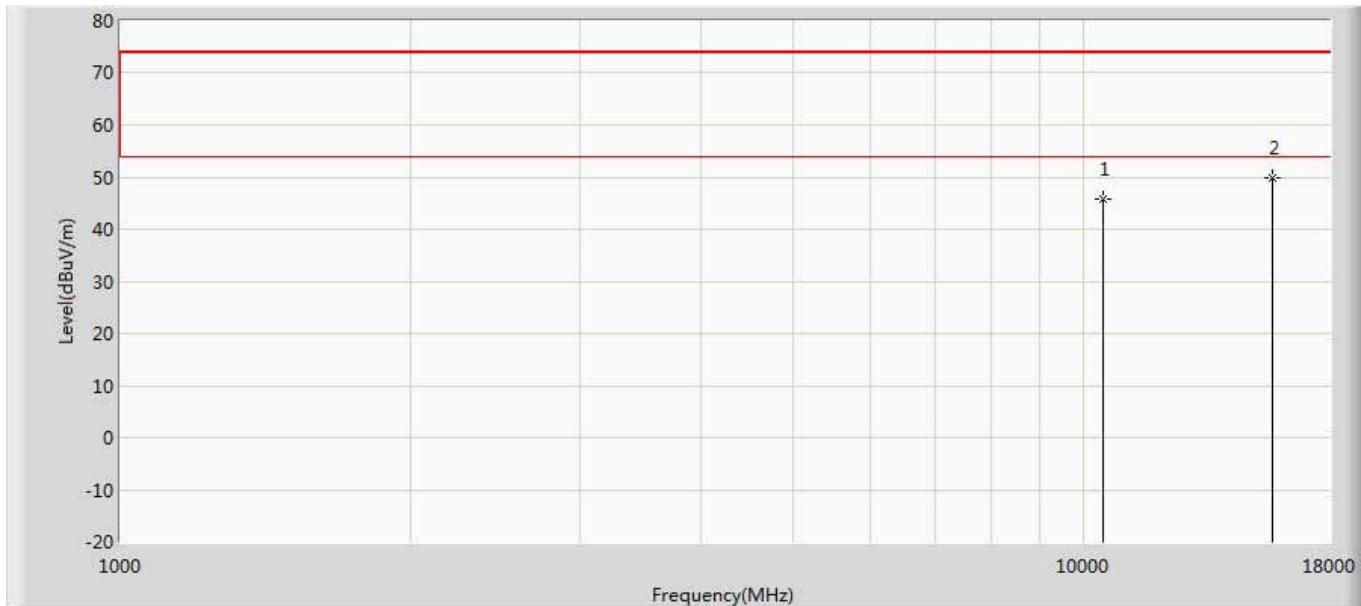
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.701	32.549	-28.299	74.000	13.152	PK
2	*	15570.000	49.697	30.156	-24.303	74.000	19.541	PK

Site: AC5	Time: 2017/06/06 - 09:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230Mhz by 802.11n40 ANT1	



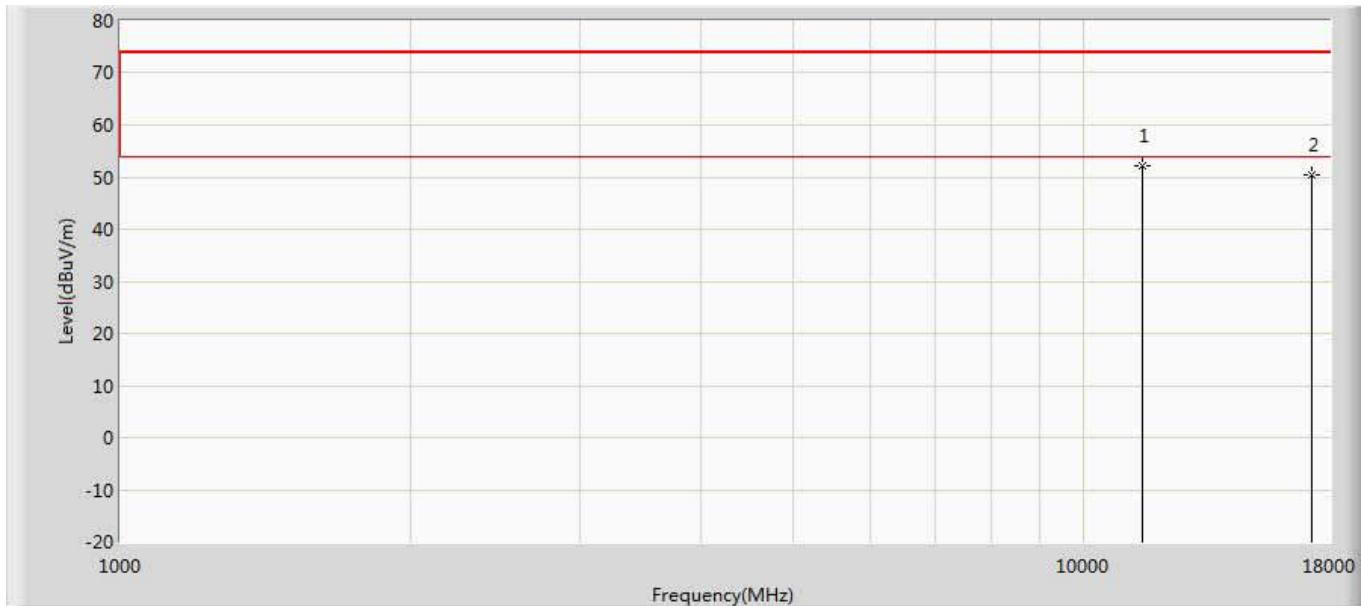
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	51.471	38.026	-22.529	74.000	13.445	PK
2	*	15690.000	52.333	32.024	-21.667	74.000	20.309	PK

Site: AC5	Time: 2017/06/06 - 09:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230Mhz by 802.11n40 ANT1	



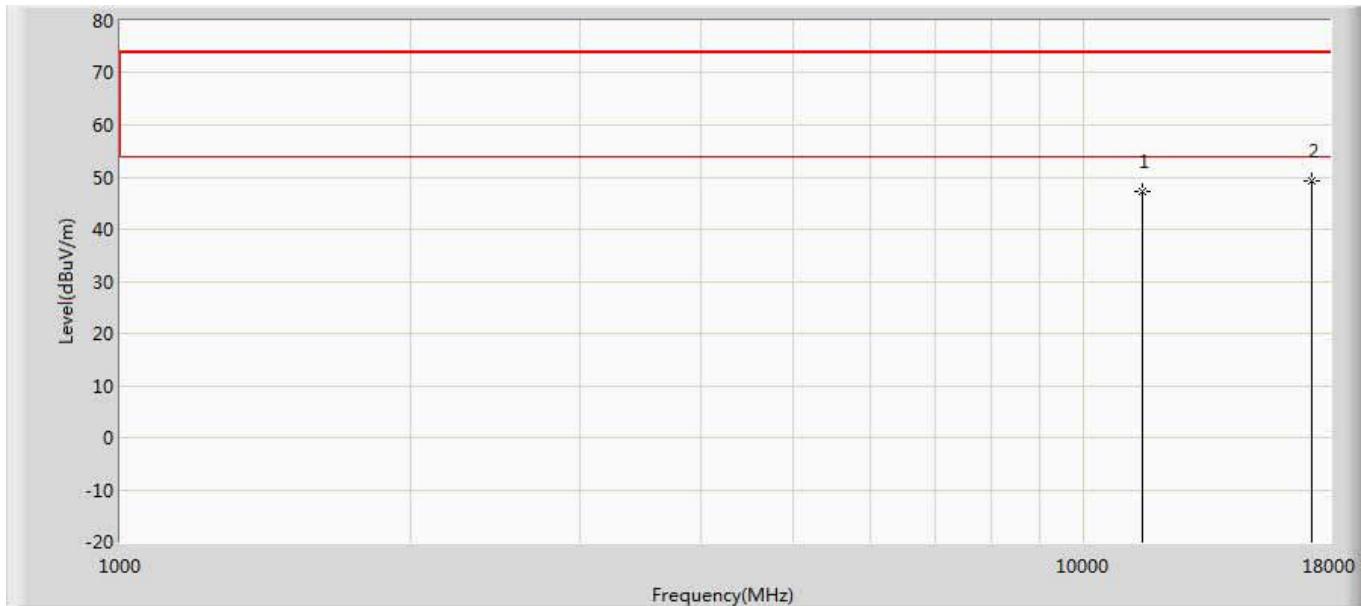
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	45.809	32.364	-28.191	74.000	13.445	PK
2	*	15690.000	49.857	29.548	-24.143	74.000	20.309	PK

Site: AC5	Time: 2017/06/07 - 13:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755Mhz by 802.11n40 ANT1	



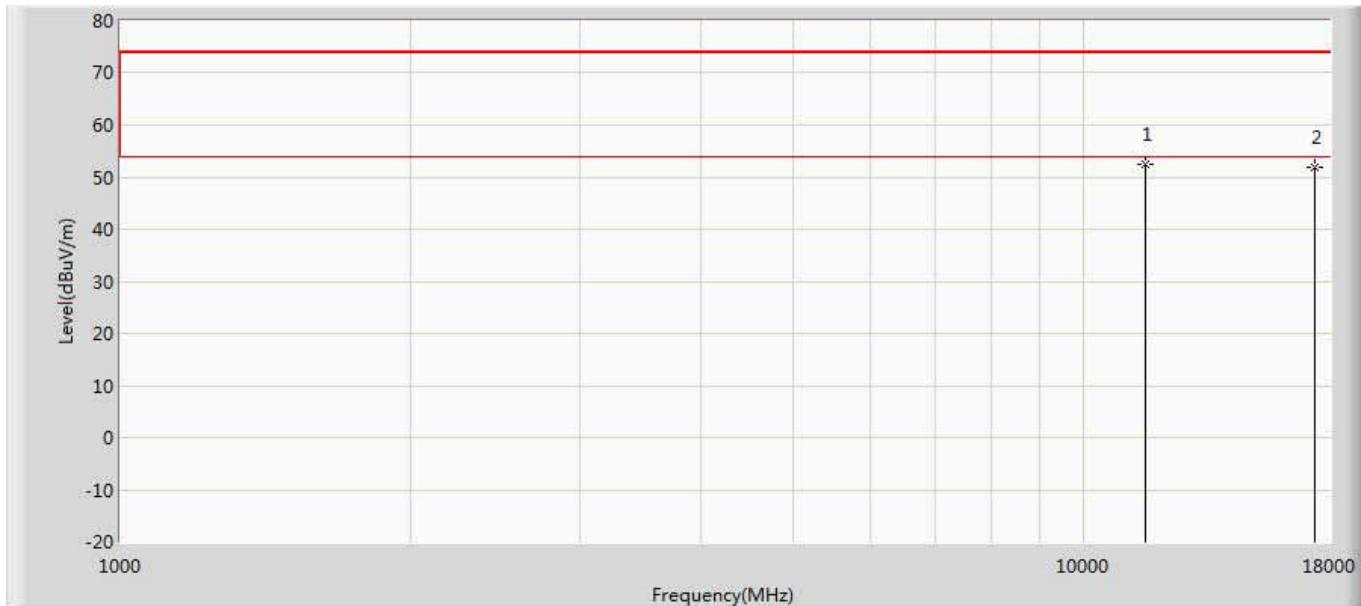
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	52.110	36.423	-21.890	74.000	15.687	PK
2		17265.000	50.388	29.740	-23.612	74.000	20.647	PK

Site: AC5	Time: 2017/06/07 - 13:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755Mhz by 802.11n40 ANT1	



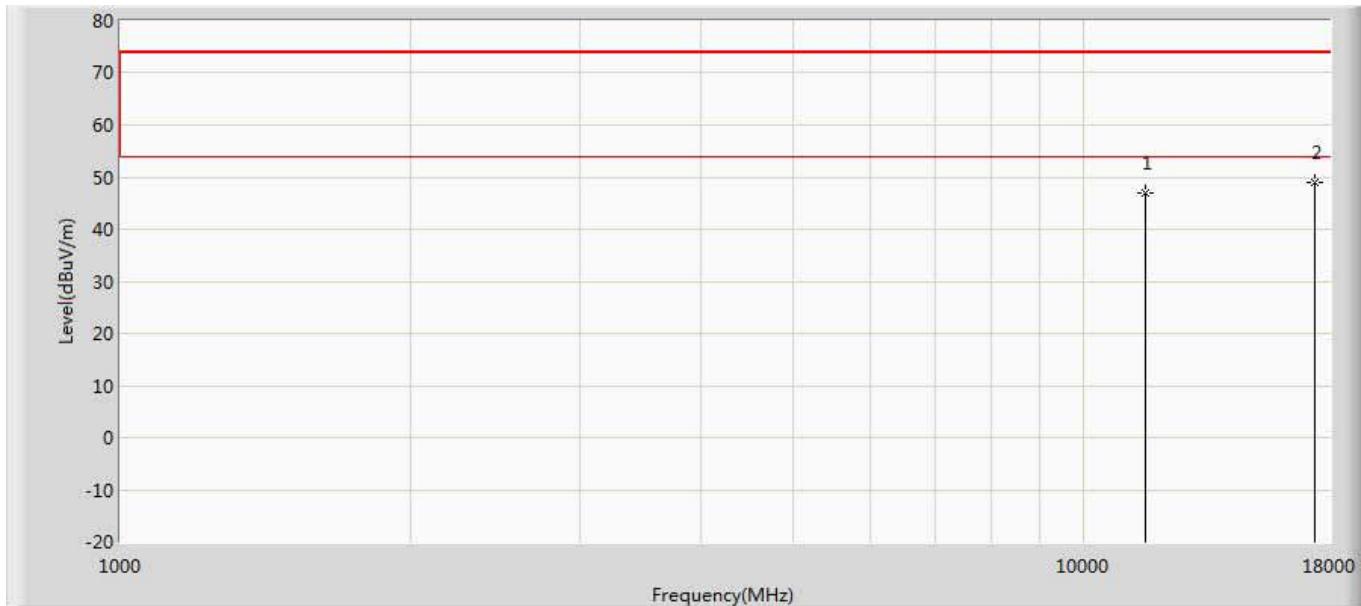
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.250	31.563	-26.750	74.000	15.687	PK
2	*	17265.000	49.408	28.760	-24.592	74.000	20.647	PK

Site: AC5	Time: 2017/06/07 - 13:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795Mhz by 802.11n40 ANT1	



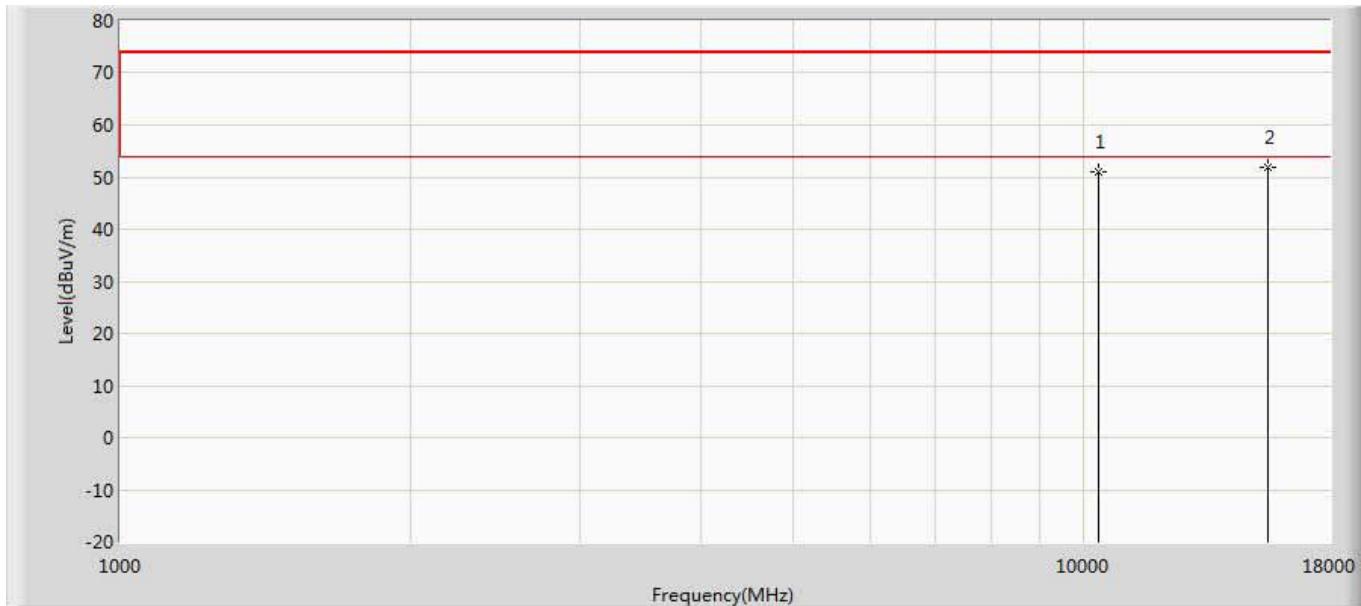
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	52.569	36.183	-21.431	74.000	16.385	PK
2		17385.000	51.855	31.263	-22.145	74.000	20.592	PK

Site: AC5	Time: 2017/06/07 - 13:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795Mhz by 802.11n40 ANT1	



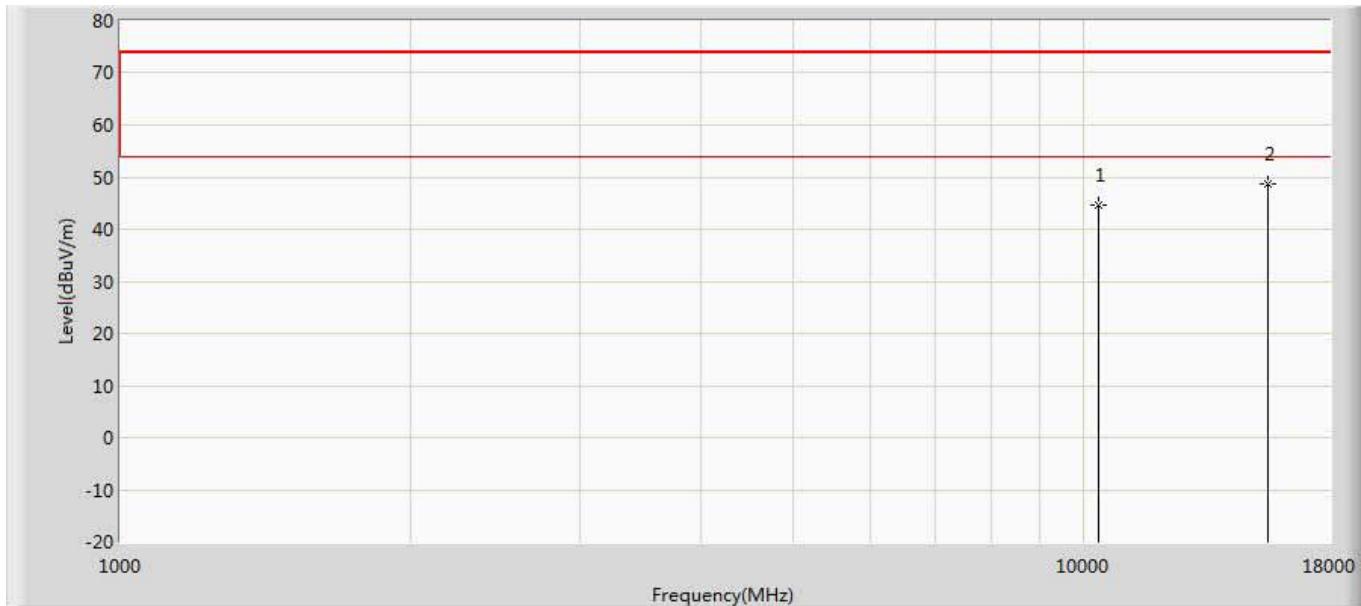
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	46.973	30.587	-27.027	74.000	16.385	PK
2	*	17385.000	49.055	28.463	-24.945	74.000	20.592	PK

Site: AC5	Time: 2017/06/05 - 16:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180Mhz by 802.11ac20 ANT1	



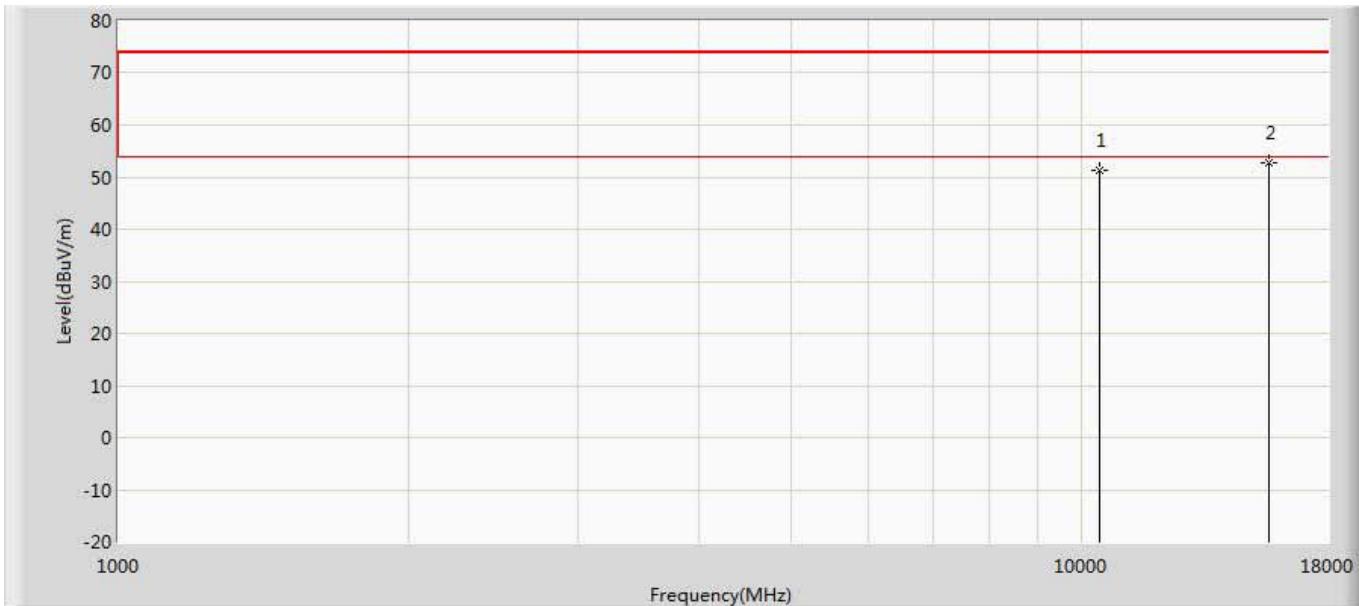
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.873	37.526	-23.127	74.000	13.347	PK
2	*	15540.000	52.026	33.548	-21.974	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180Mhz by 802.11ac20 ANT1	



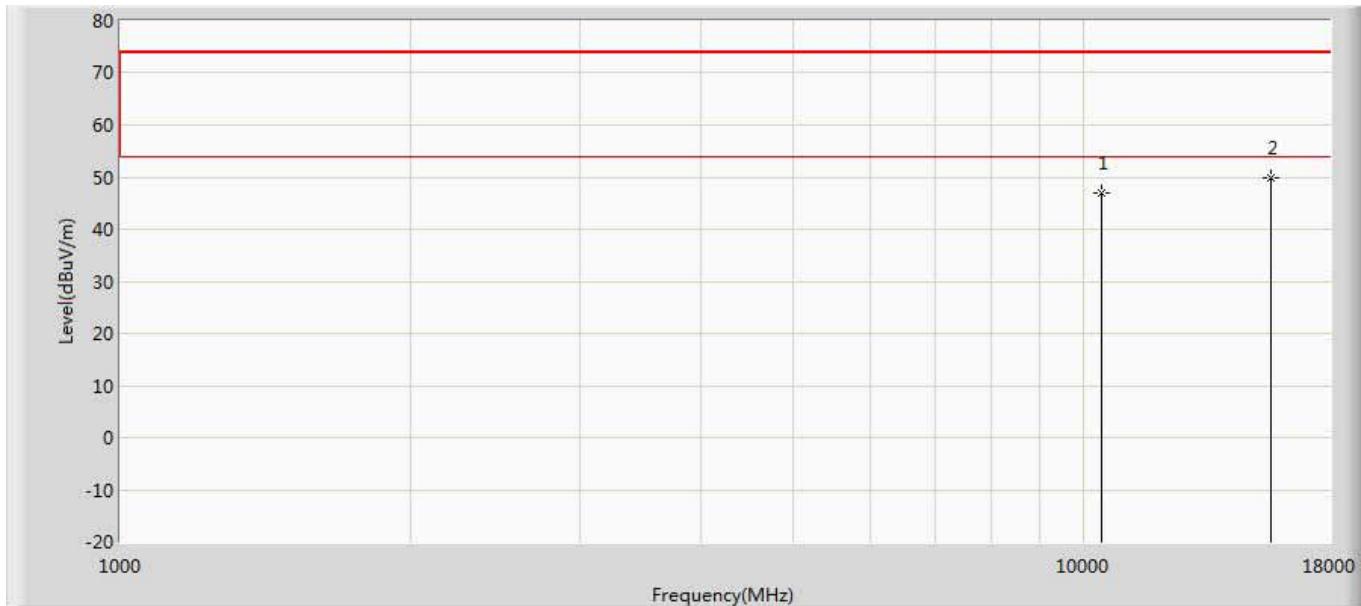
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	44.601	31.254	-29.399	74.000	13.347	PK
2	*	15540.000	48.591	30.113	-25.409	74.000	18.477	PK

Site: AC5	Time: 2017/06/05 - 16:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220Mhz by 802.11ac20 ANT1	



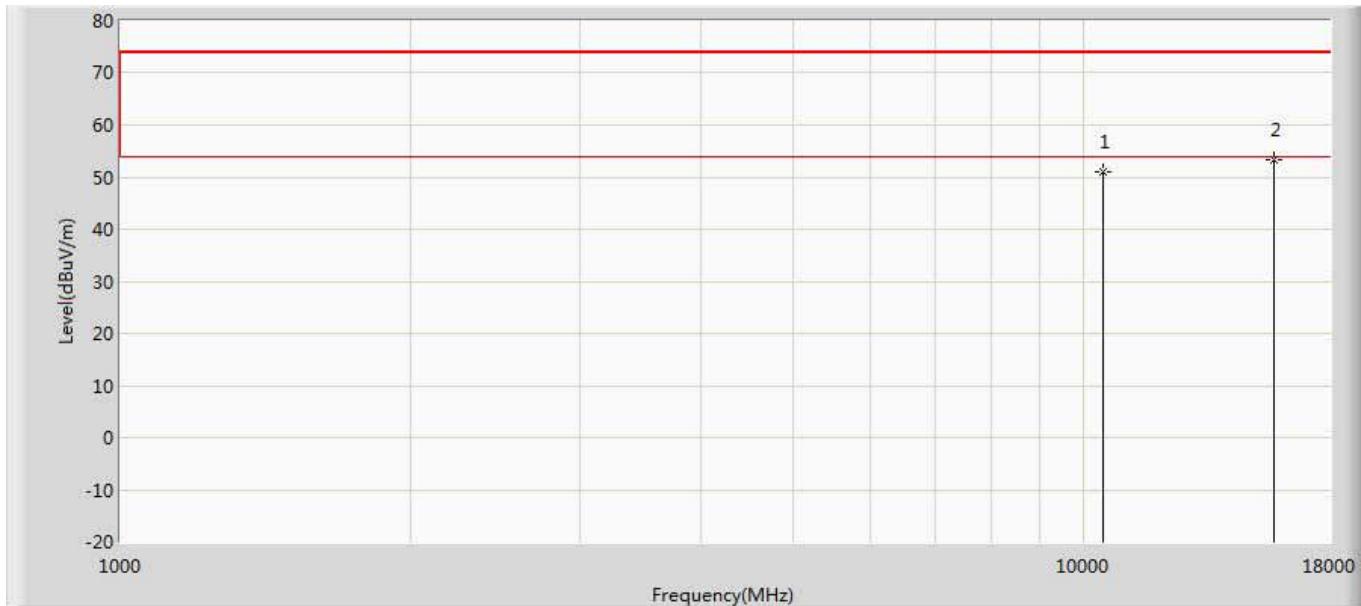
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.343	37.562	-22.657	74.000	13.781	PK
2	*	15660.000	52.788	34.210	-21.212	74.000	18.578	PK

Site: AC5	Time: 2017/06/06 - 09:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220Mhz by 802.11ac20 ANT1	



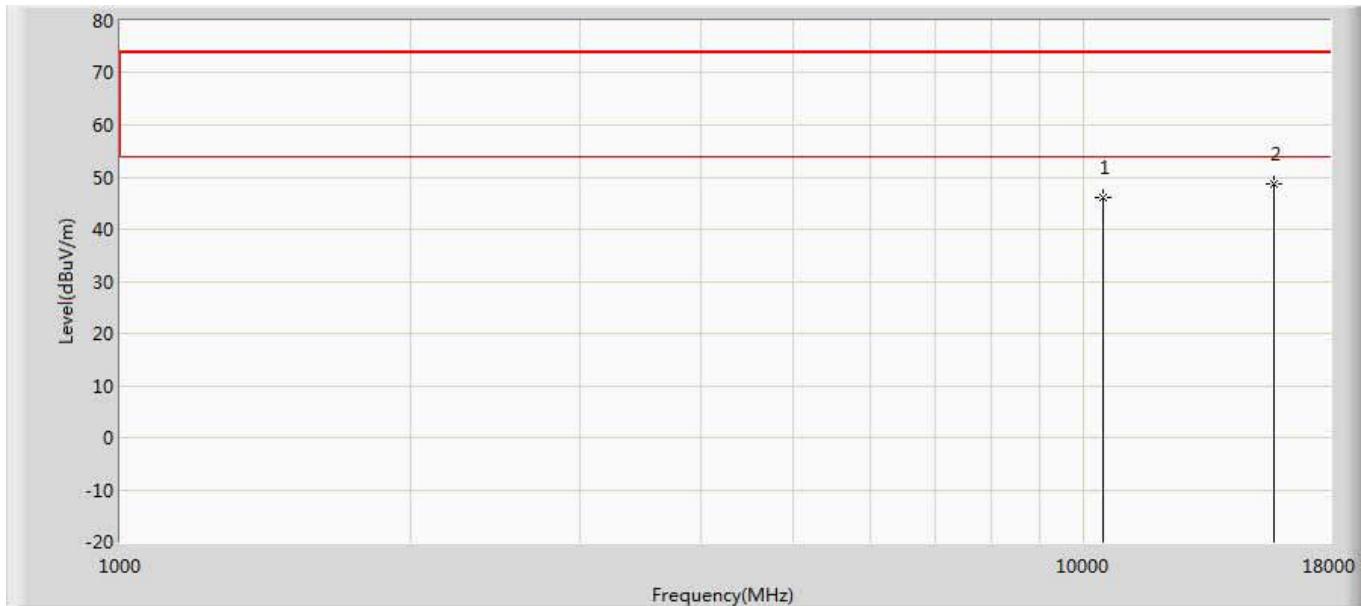
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	47.035	33.254	-26.965	74.000	13.781	PK
2	*	15660.000	49.969	31.391	-24.031	74.000	18.578	PK

Site: AC5	Time: 2017/06/06 - 09:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240Mhz by 802.11ac20 ANT1	



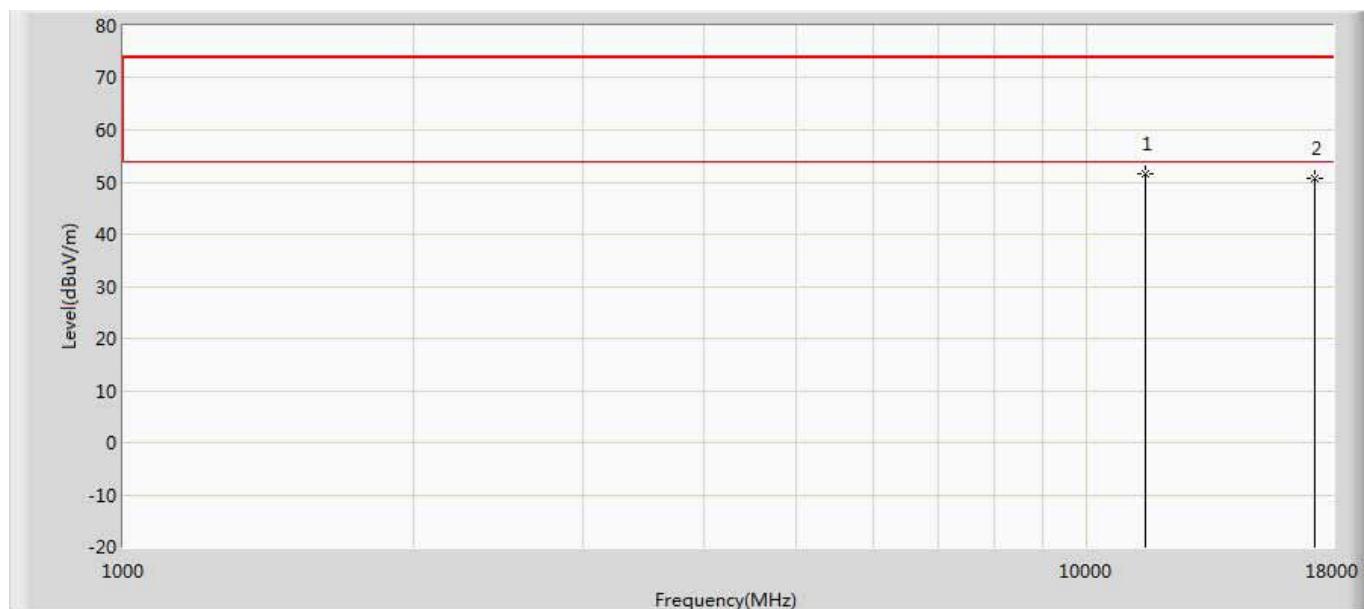
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.116	37.563	-22.884	74.000	13.552	PK
2	*	15720.000	53.375	33.101	-20.625	74.000	20.274	PK

Site: AC5	Time: 2017/06/06 - 09:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240Mhz by 802.11ac20 ANT1	



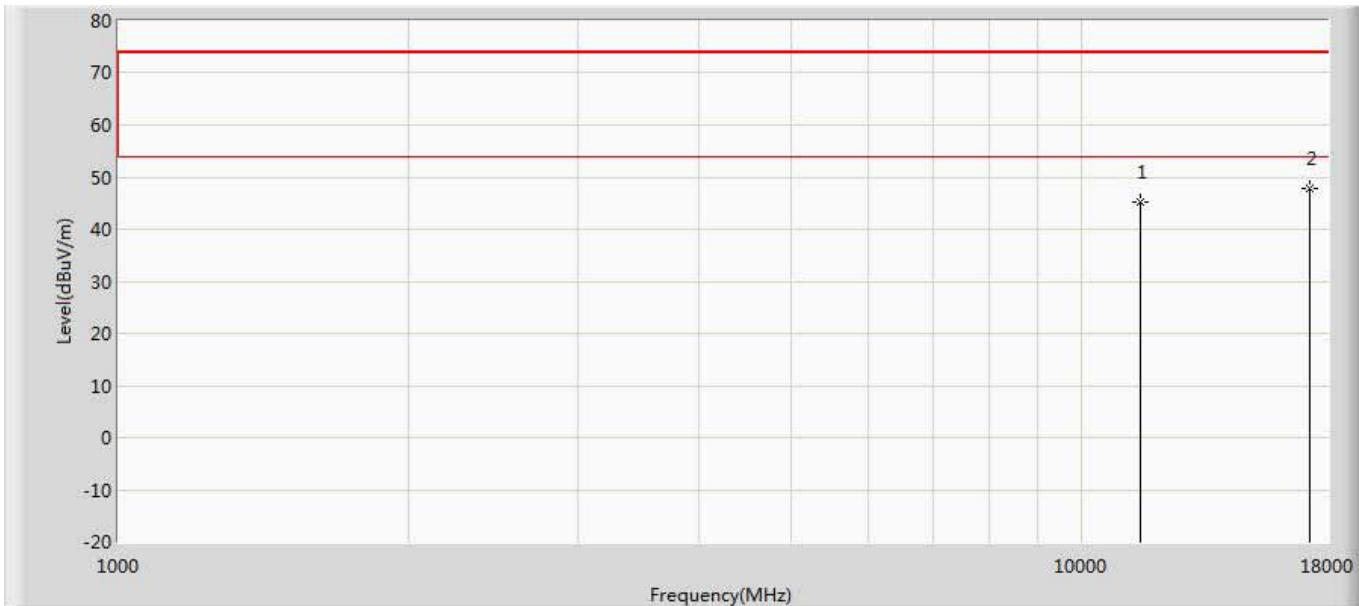
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	46.100	32.547	-27.900	74.000	13.552	PK
2	*	15720.000	48.816	28.542	-25.184	74.000	20.274	PK

Site: AC5	Time: 2017/06/06 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745Mhz by 802.11ac20 ANT1	



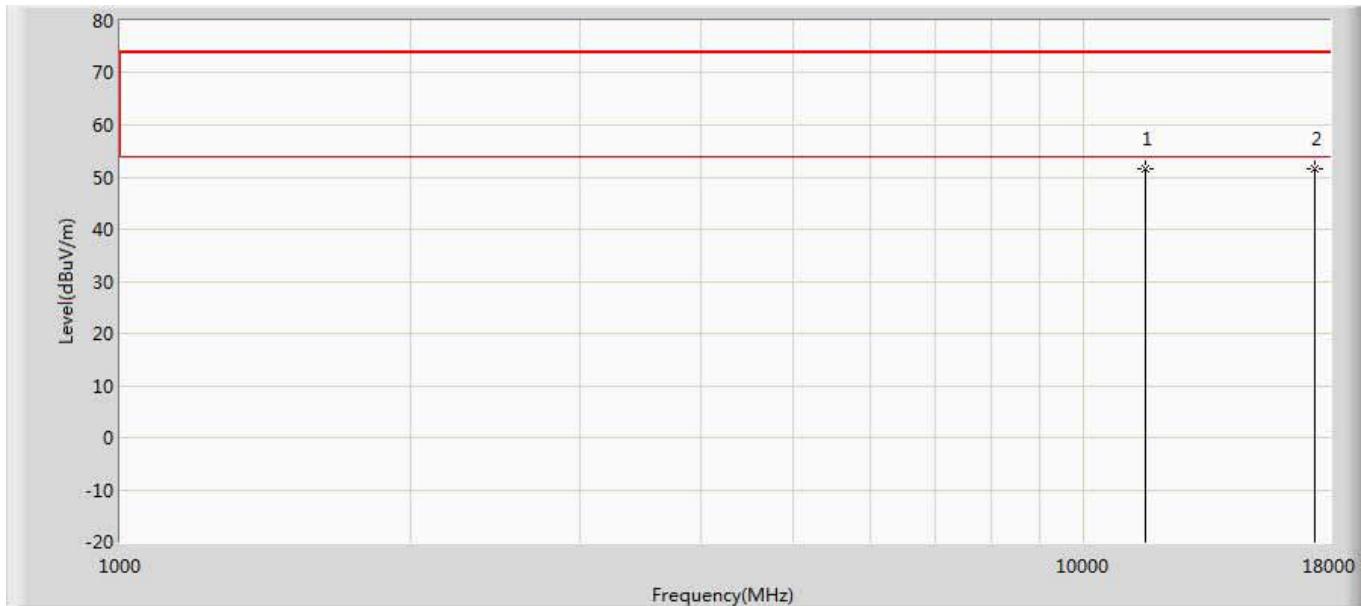
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11490.000	51.668	36.584	-22.332	74.000	15.084	PK
2		17235.000	50.693	31.214	-23.307	74.000	19.479	PK

Site: AC5	Time: 2017/06/06 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745Mhz by 802.11ac20 ANT1	



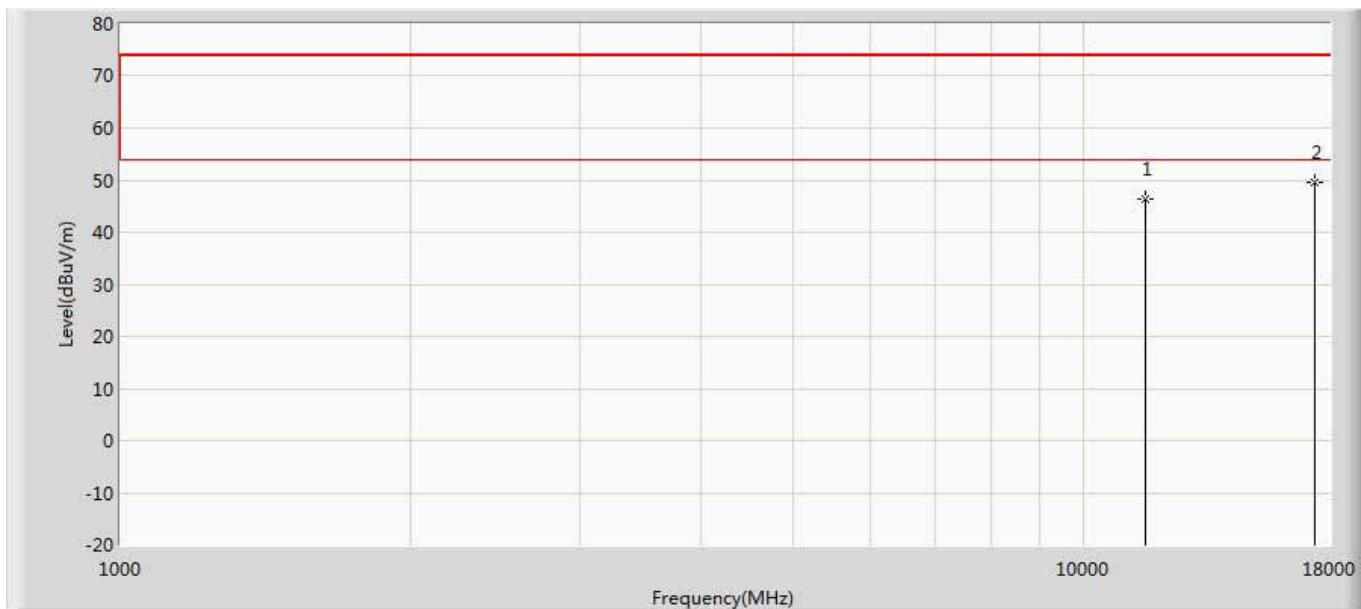
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.299	30.215	-28.701	74.000	15.084	PK
2	*	17235.000	47.843	28.364	-26.157	74.000	19.479	PK

Site: AC5	Time: 2017/06/06 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785Mhz by 802.11ac20 ANT1	



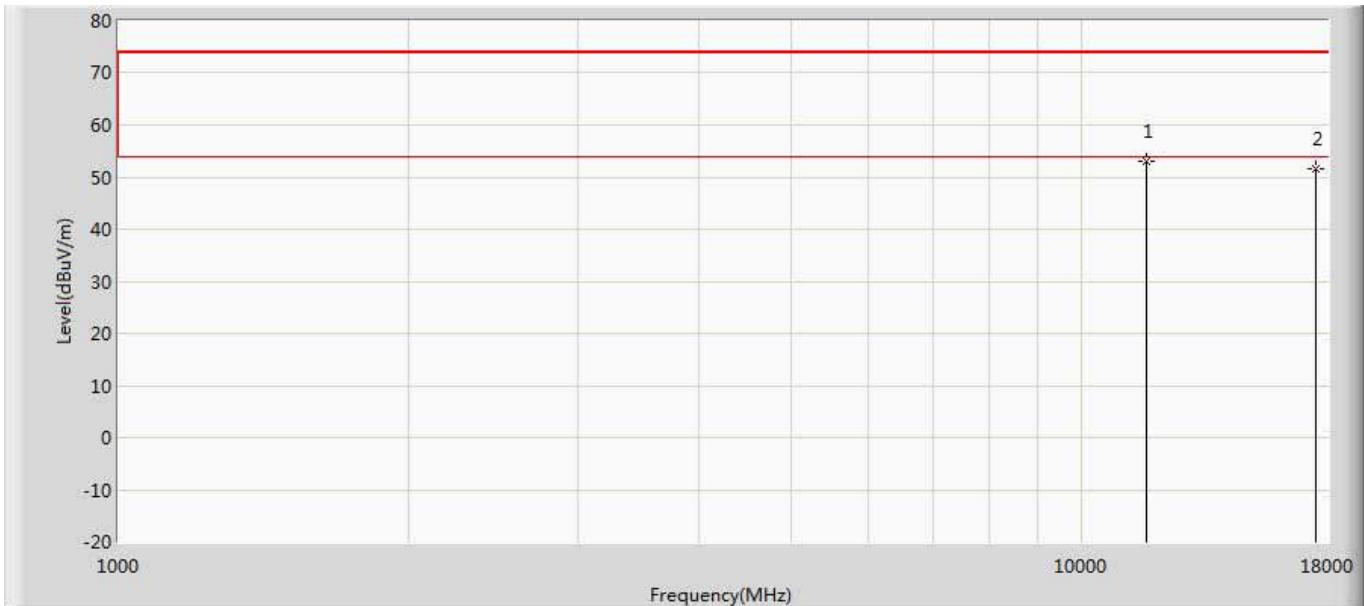
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	51.601	35.425	-22.399	74.000	16.177	PK
2	*	17355.000	51.605	31.021	-22.395	74.000	20.584	PK

Site: AC5	Time: 2017/06/06 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785Mhz by 802.11ac20 ANT1	



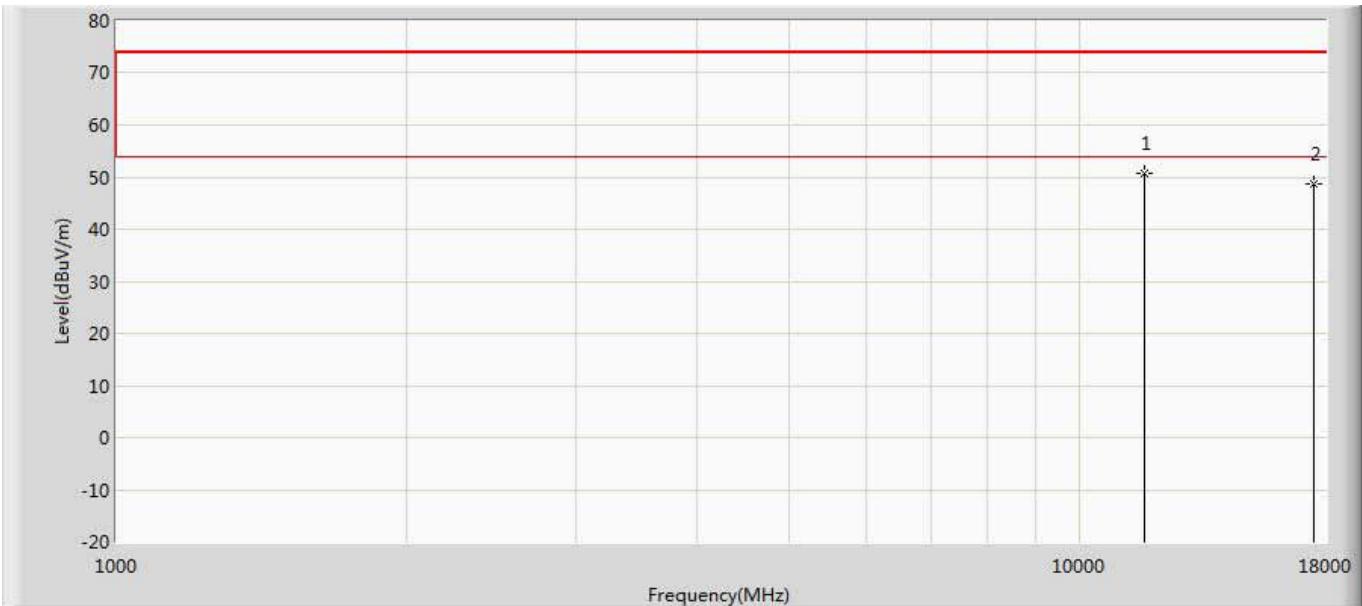
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	46.332	30.156	-27.668	74.000	16.177	PK
2	*	17355.000	49.538	28.954	-24.462	74.000	20.584	PK

Site: AC5	Time: 2017/06/07 - 13:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825Mhz by 802.11ac20 ANT1	



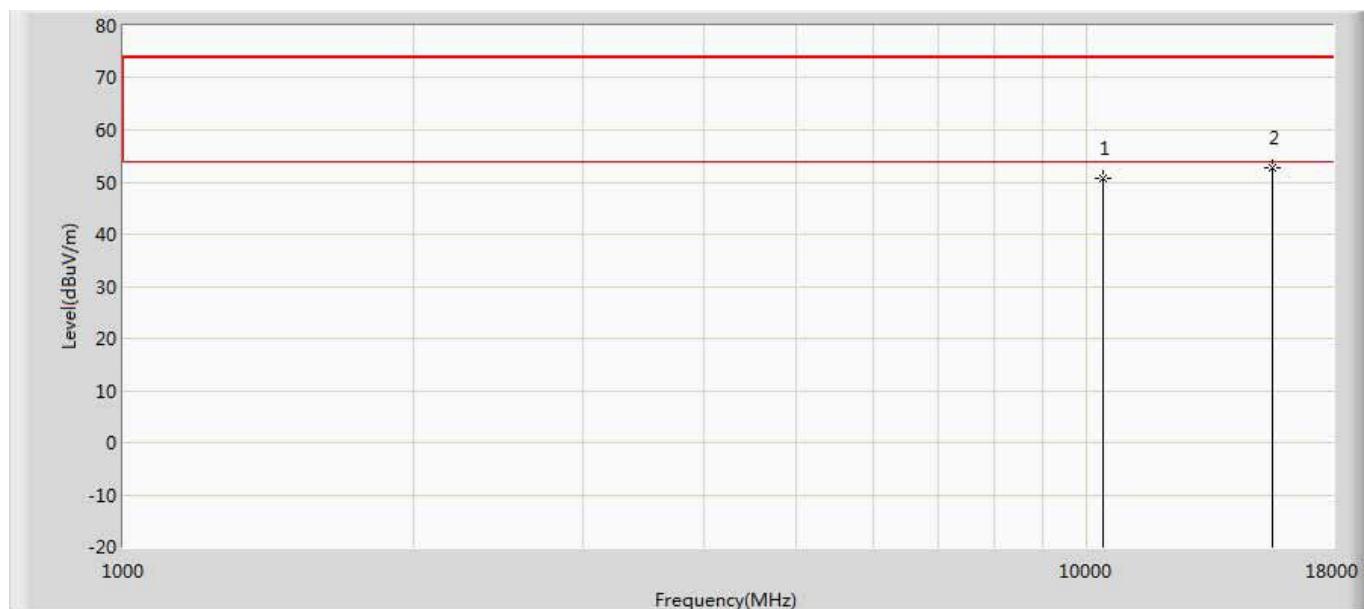
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.079	36.589	-20.921	74.000	16.490	PK
2		17475.000	51.457	31.250	-22.543	74.000	20.208	PK

Site: AC5	Time: 2017/06/07 - 13:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825Mhz by 802.11ac20 ANT1	



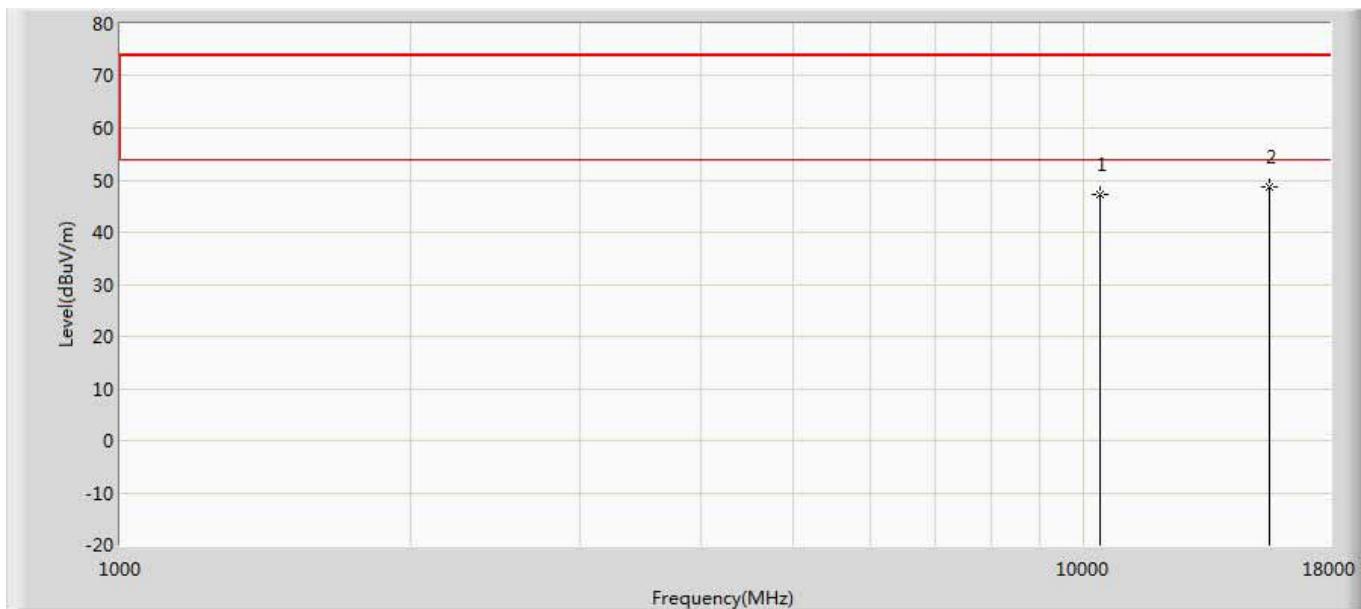
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	50.820	34.330	-23.180	74.000	16.490	PK
2		17475.000	48.670	28.463	-25.330	74.000	20.208	PK

Site: AC5	Time: 2017/06/06 - 09:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190Mhz by 802.11ac40 ANT1	



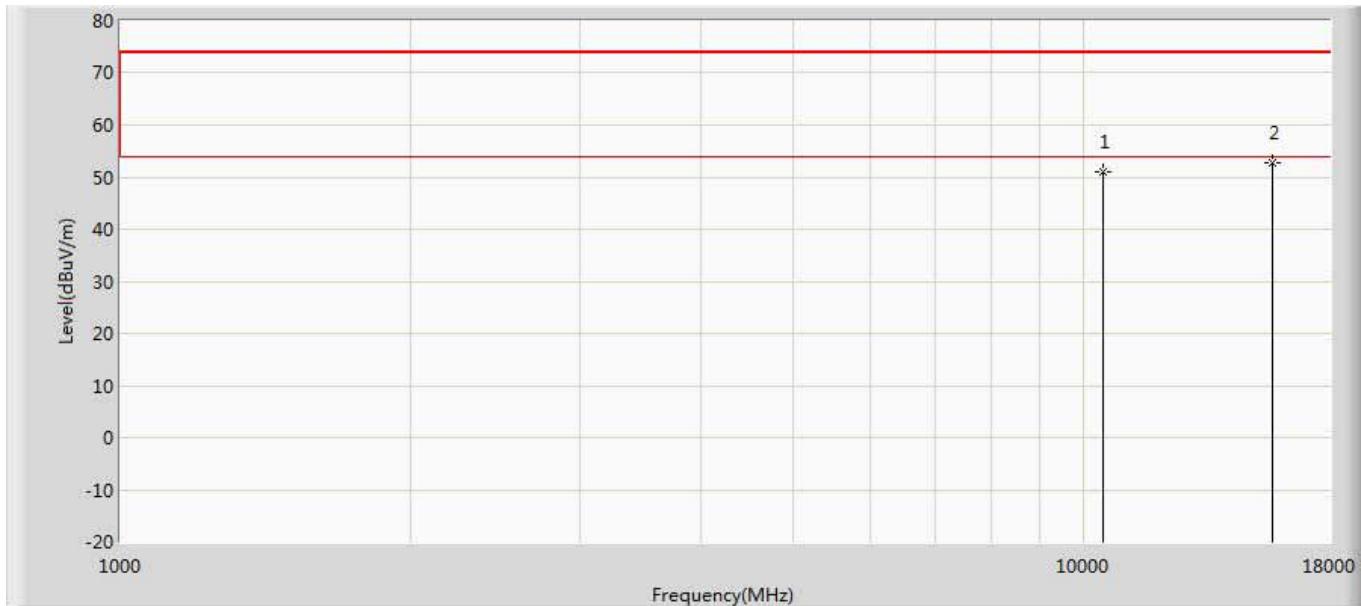
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.681	37.529	-23.319	74.000	13.152	PK
2	*	15570.000	52.866	33.325	-21.134	74.000	19.541	PK

Site: AC5	Time: 2017/06/06 - 09:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190Mhz by 802.11ac40 ANT1	



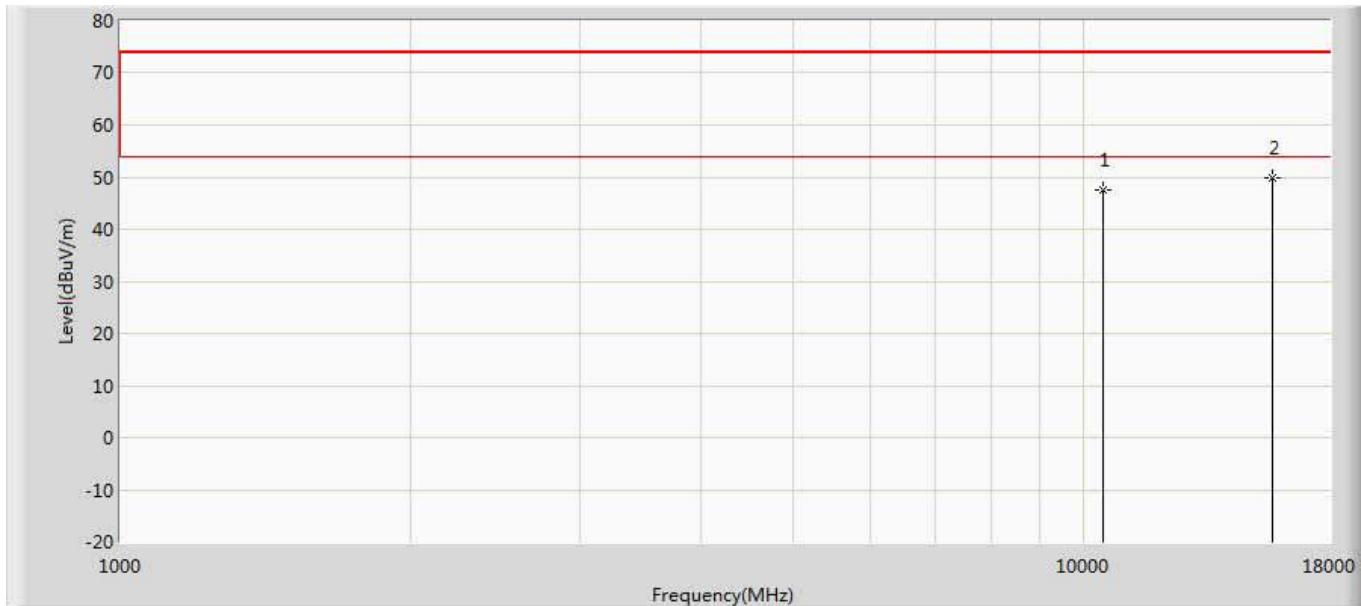
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	47.277	34.125	-26.723	74.000	13.152	PK
2	*	15570.000	48.828	29.287	-25.172	74.000	19.541	PK

Site: AC5	Time: 2017/06/06 - 09:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230Mhz by 802.11ac40 ANT1	



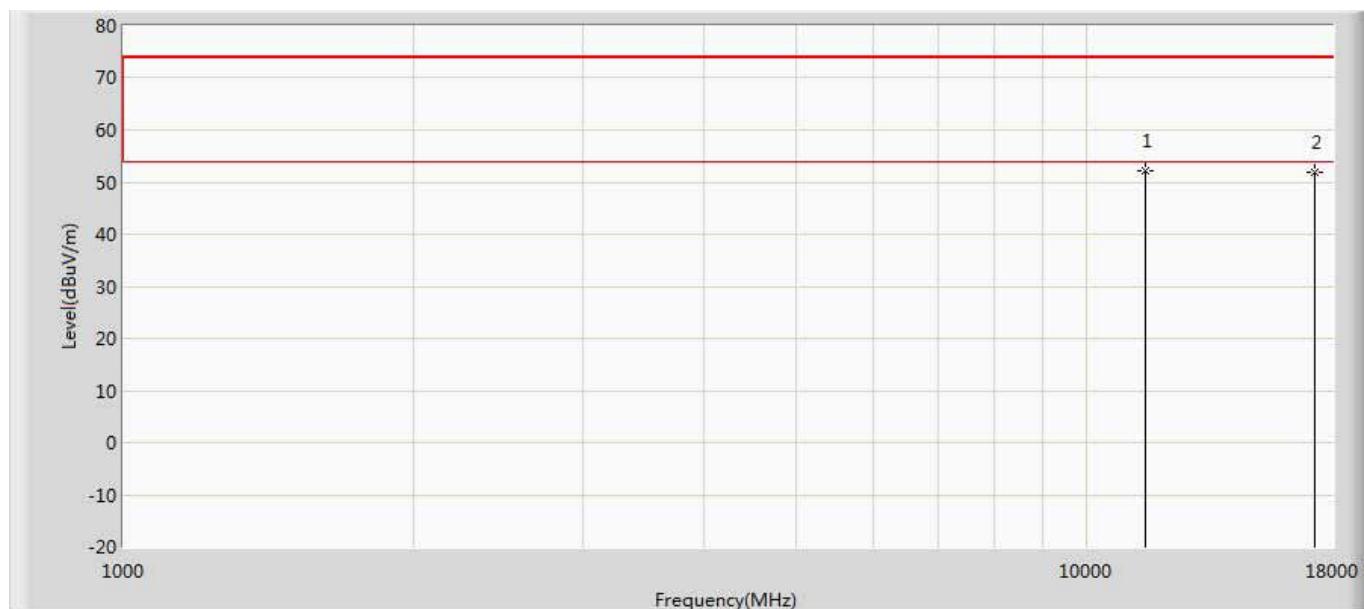
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	51.014	37.569	-22.986	74.000	13.445	PK
2	*	15690.000	52.830	32.521	-21.170	74.000	20.309	PK

Site: AC5	Time: 2017/06/06 - 09:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230Mhz by 802.11ac40 ANT1	



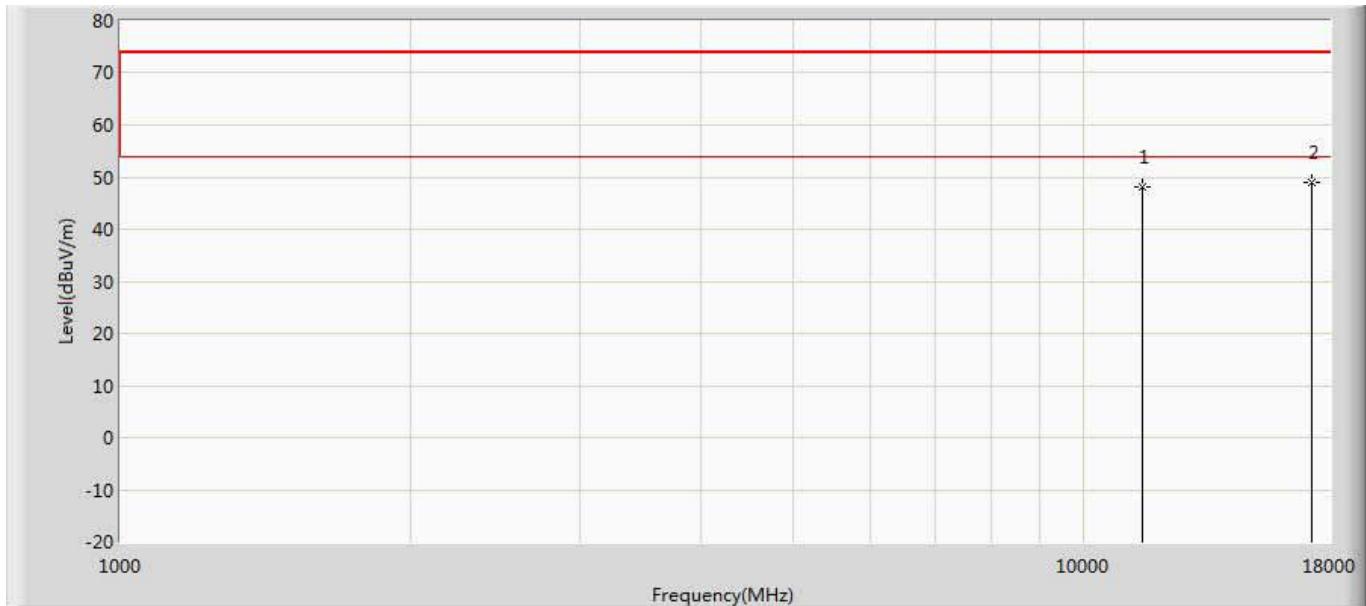
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	47.560	34.115	-26.440	74.000	13.445	PK
2	*	15690.000	49.863	29.554	-24.137	74.000	20.309	PK

Site: AC5	Time: 2017/06/07 - 13:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755Mhz by 802.11ac40 ANT1	



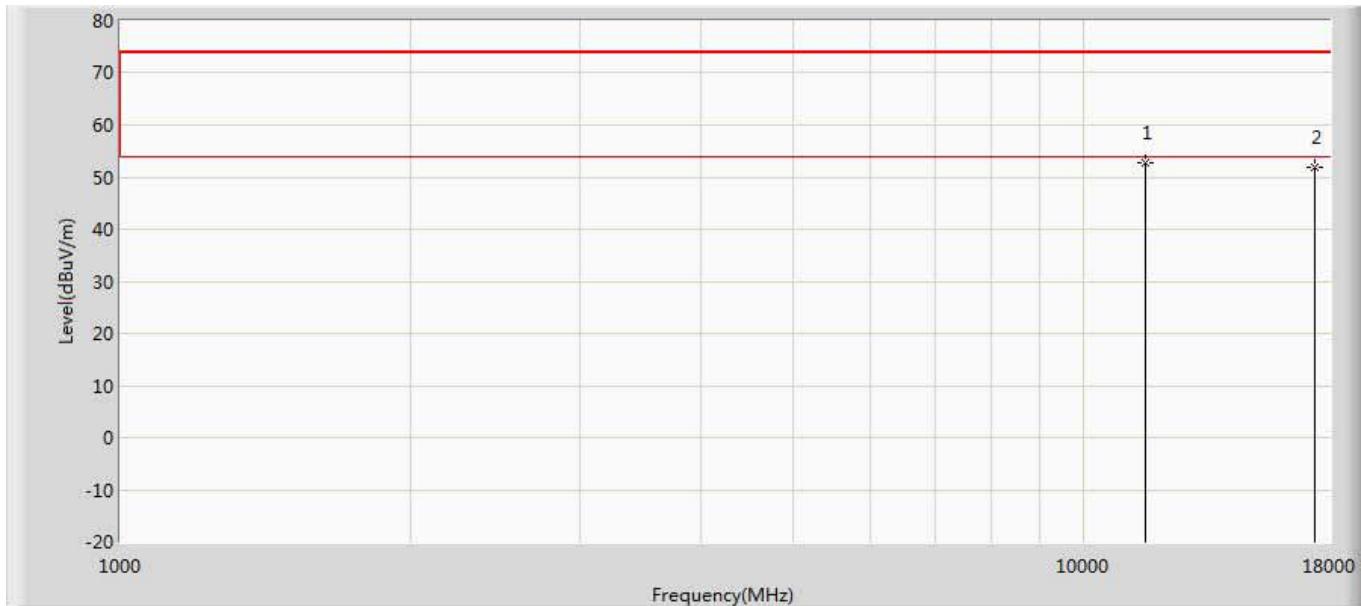
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	52.036	36.349	-21.964	74.000	15.687	PK
2		17265.000	51.884	31.236	-22.116	74.000	20.647	PK

Site: AC5	Time: 2017/06/07 - 13:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755Mhz by 802.11ac40 ANT1	



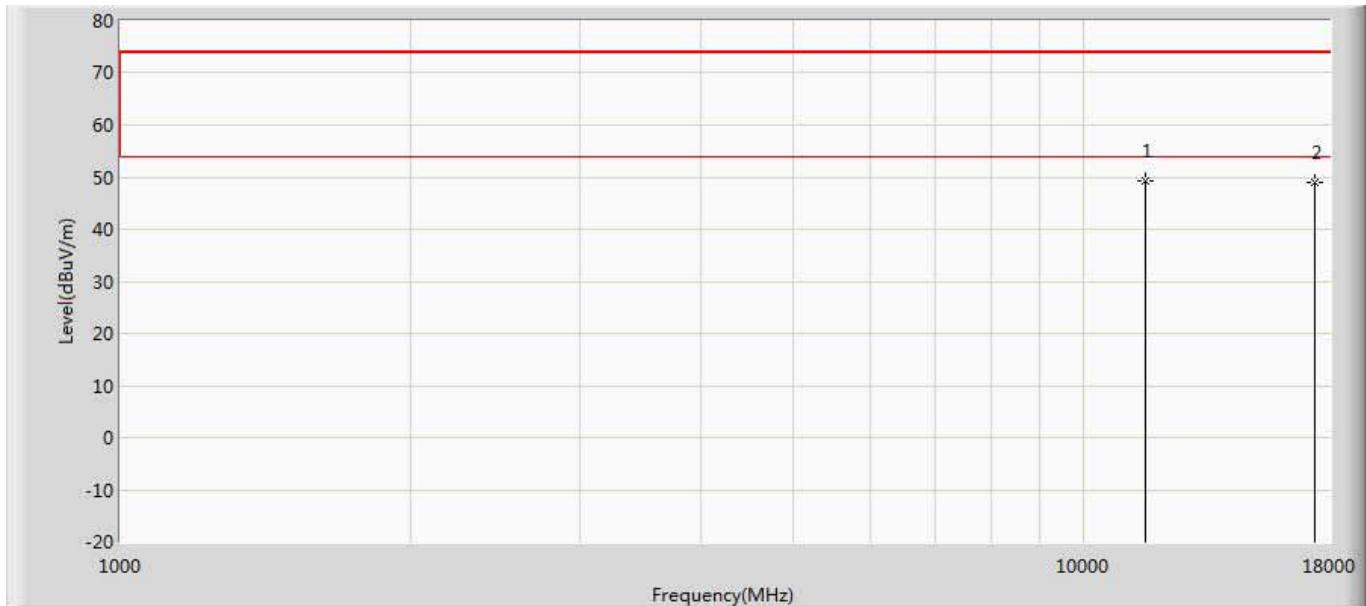
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	48.110	32.423	-25.890	74.000	15.687	PK
2	*	17265.000	49.111	28.463	-24.889	74.000	20.647	PK

Site: AC5	Time: 2017/06/07 - 13:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795Mhz by 802.11ac40 ANT1	



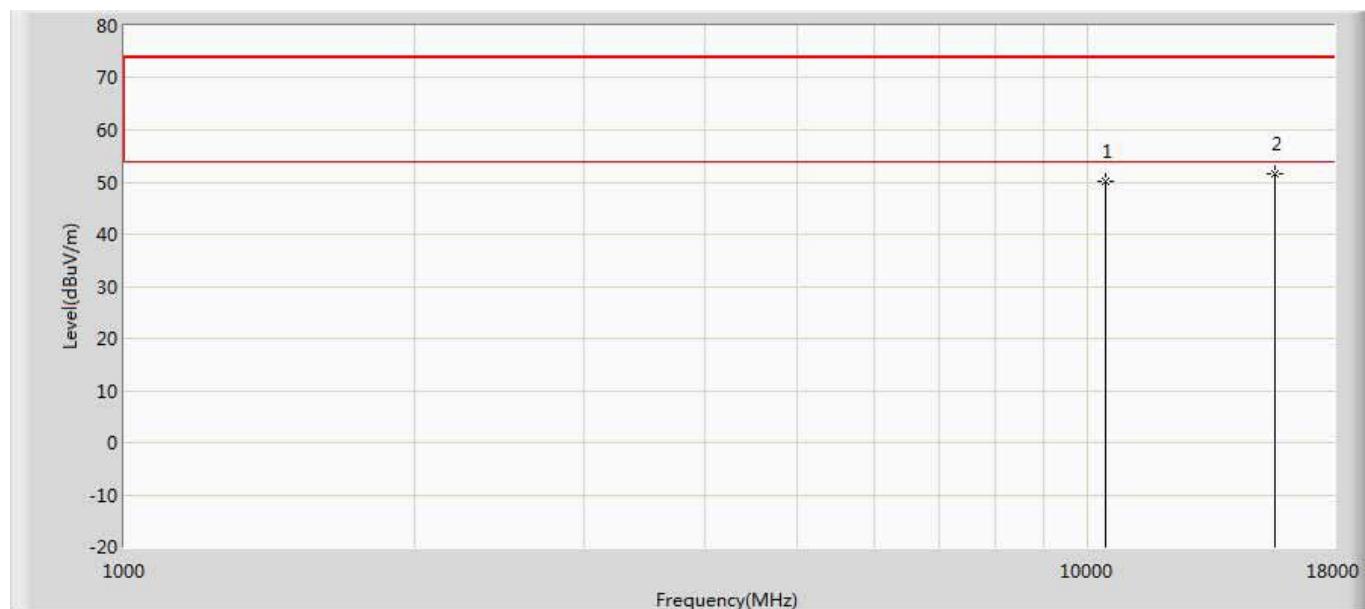
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	52.807	36.421	-21.193	74.000	16.385	PK
2		17385.000	51.946	31.354	-22.054	74.000	20.592	PK

Site: AC5	Time: 2017/06/07 - 13:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795Mhz by 802.11ac40 ANT1	



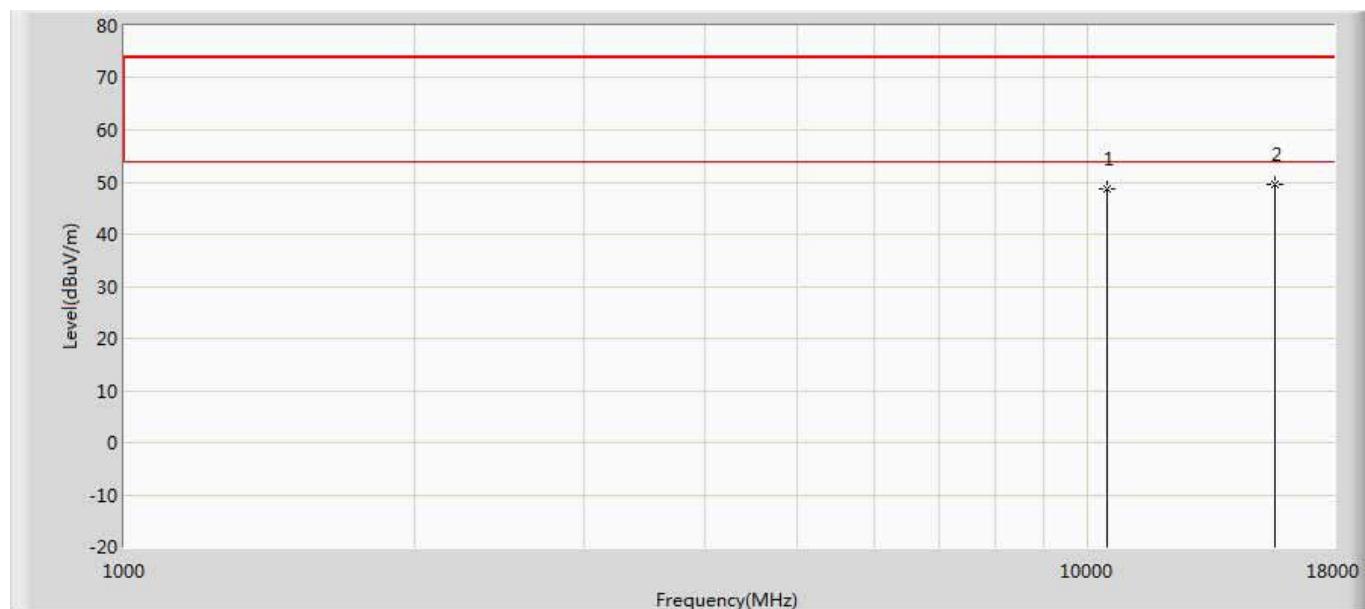
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	49.279	32.893	-24.721	74.000	16.385	PK
2		17385.000	48.928	28.336	-25.072	74.000	20.592	PK

Site: AC5	Time: 2017/06/06 - 09:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210Mhz by 802.11ac80 ANT1	



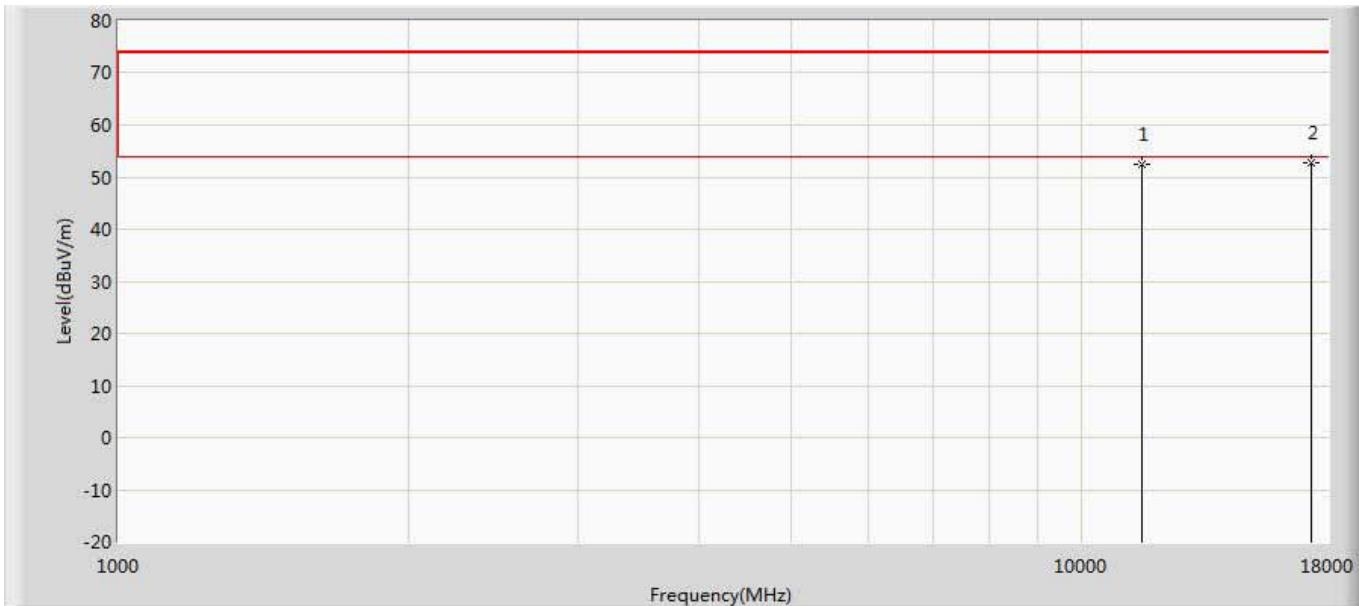
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	50.095	37.029	-23.905	74.000	13.065	PK
2	*	15630.000	51.696	32.116	-22.304	74.000	19.581	PK

Site: AC5	Time: 2017/06/06 - 09:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210Mhz by 802.11ac80 ANT1	



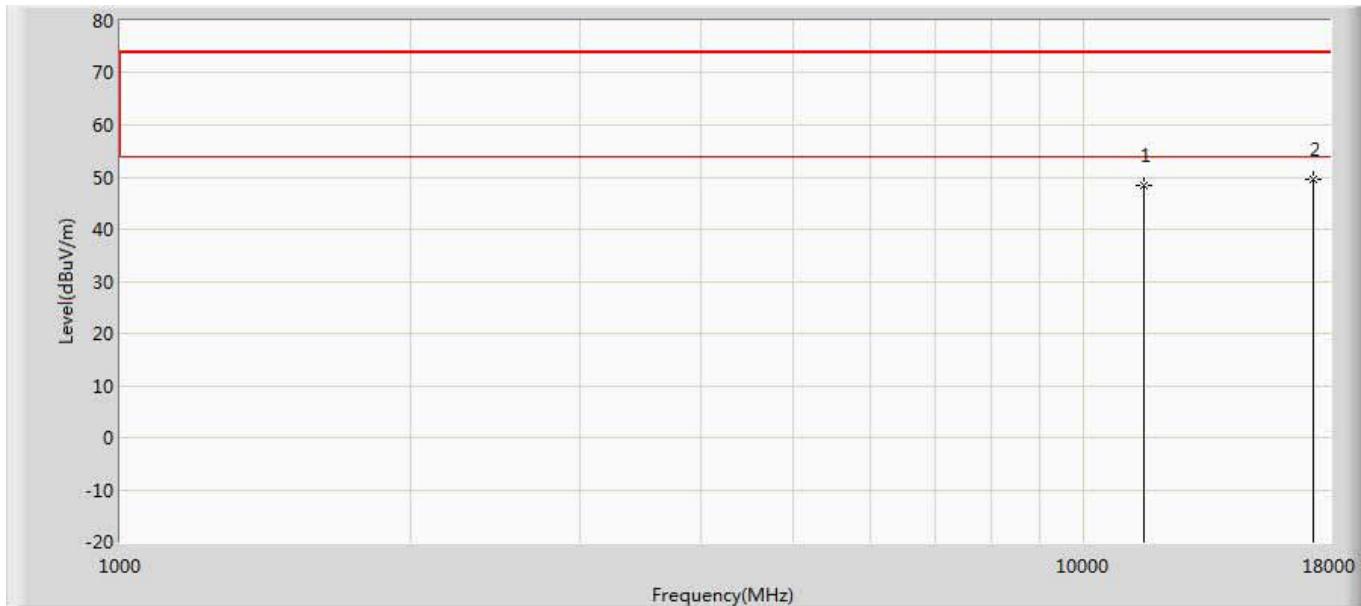
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	48.659	35.214	-25.341	74.000	13.445	PK
2	*	15630.000	49.621	30.041	-24.379	74.000	19.581	PK

Site: AC5	Time: 2017/06/07 - 13:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775Mhz by 802.11ac80 ANT1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	52.394	36.324	-21.606	74.000	16.070	PK
2	*	17325.000	52.670	31.563	-21.330	74.000	21.107	PK

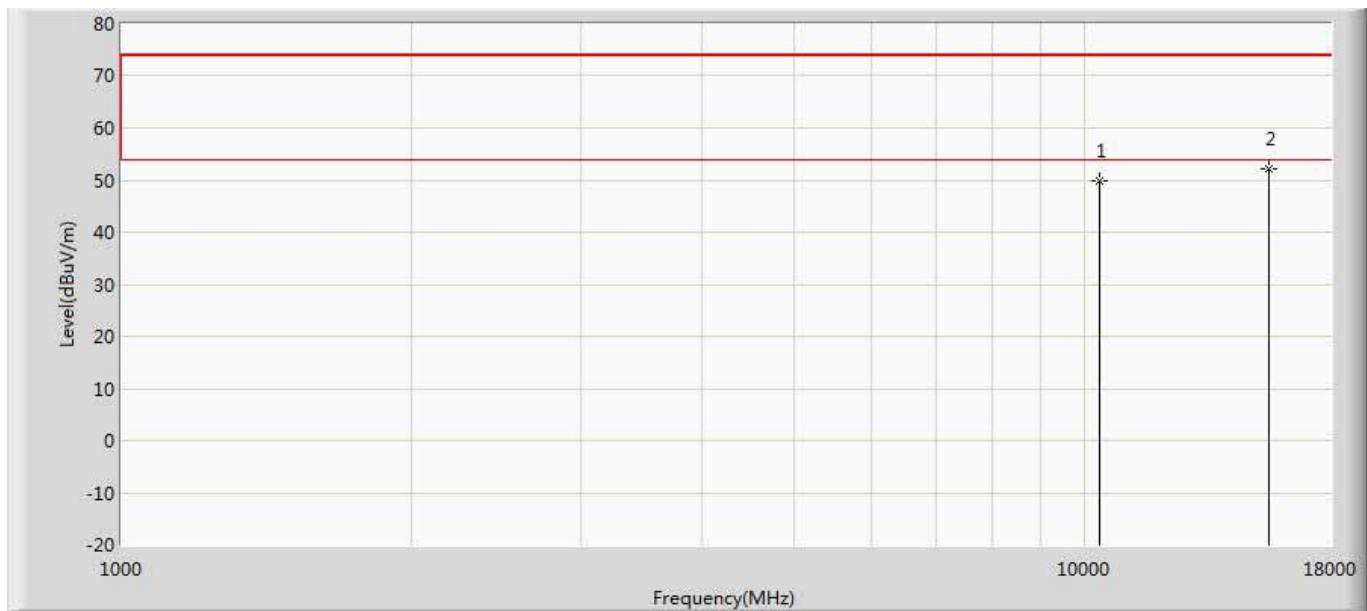
Site: AC5	Time: 2017/06/07 - 13:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775Mhz by 802.11ac80 ANT1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	48.539	32.469	-25.461	74.000	16.070	PK
2	*	17325.000	49.600	28.493	-24.400	74.000	21.107	PK

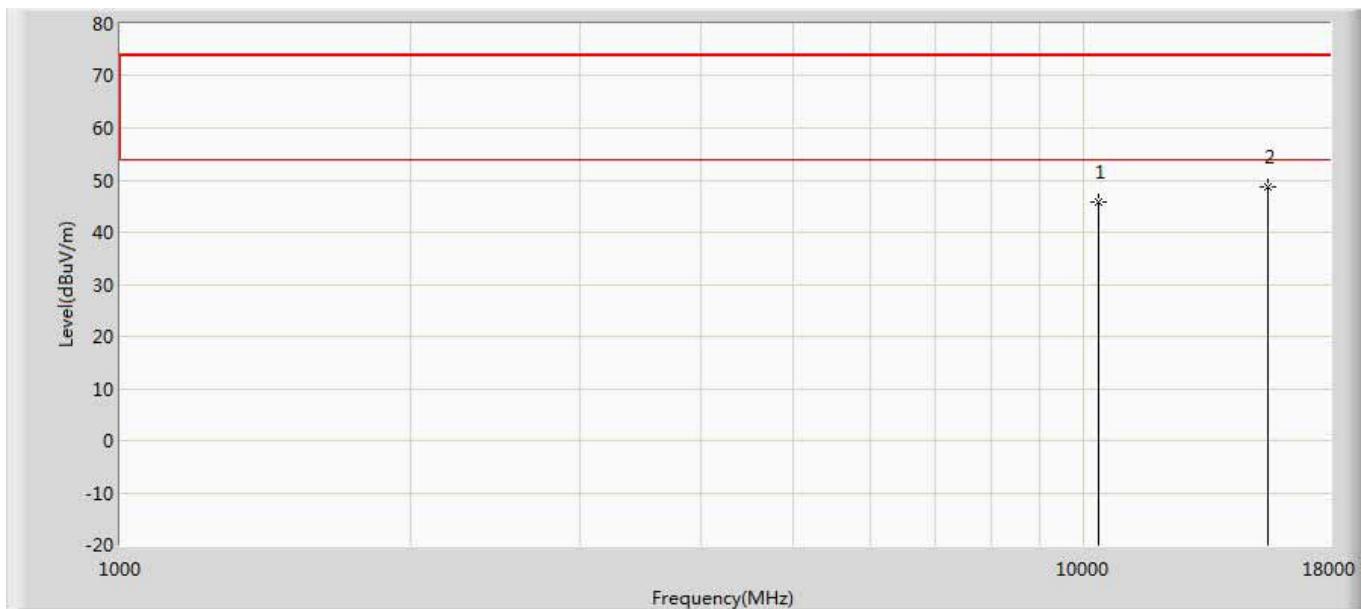
**Ant#2**

Site:AC5	Time: 2017/06/07 - 13:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180MHz by 802.11aANT2	



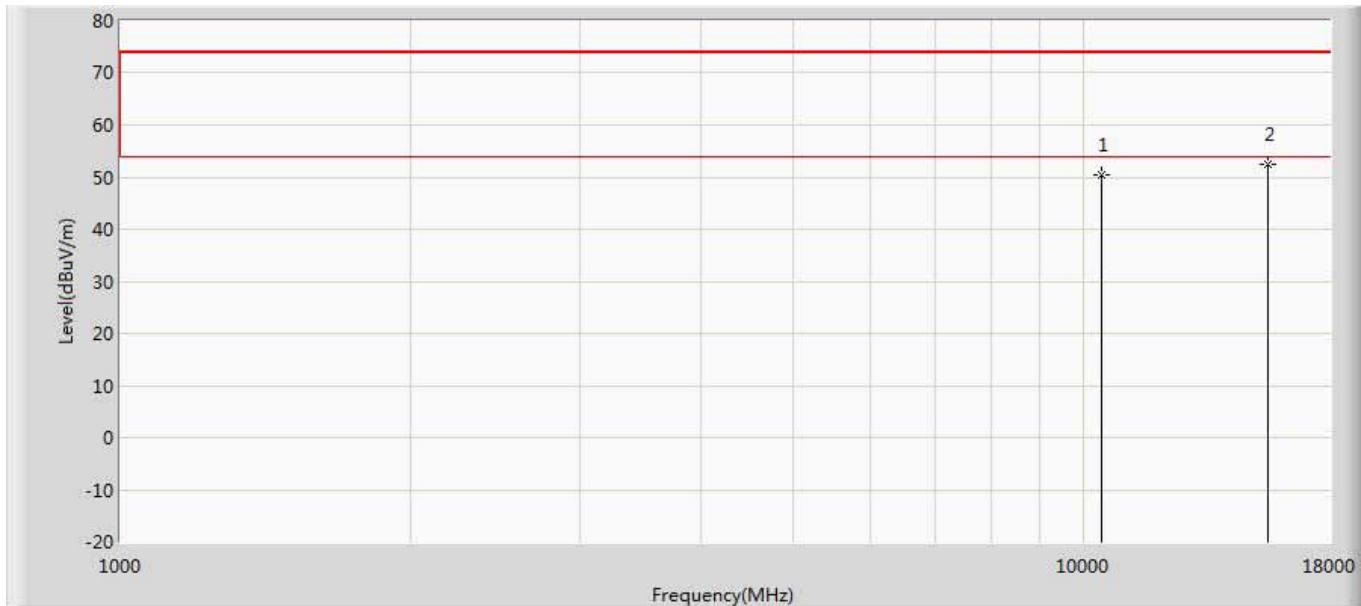
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.910	36.563	-24.090	74.000	13.347	PK
2	*	15540.000	52.039	33.561	-21.961	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 13:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5180MHz by 802.11aANT2	



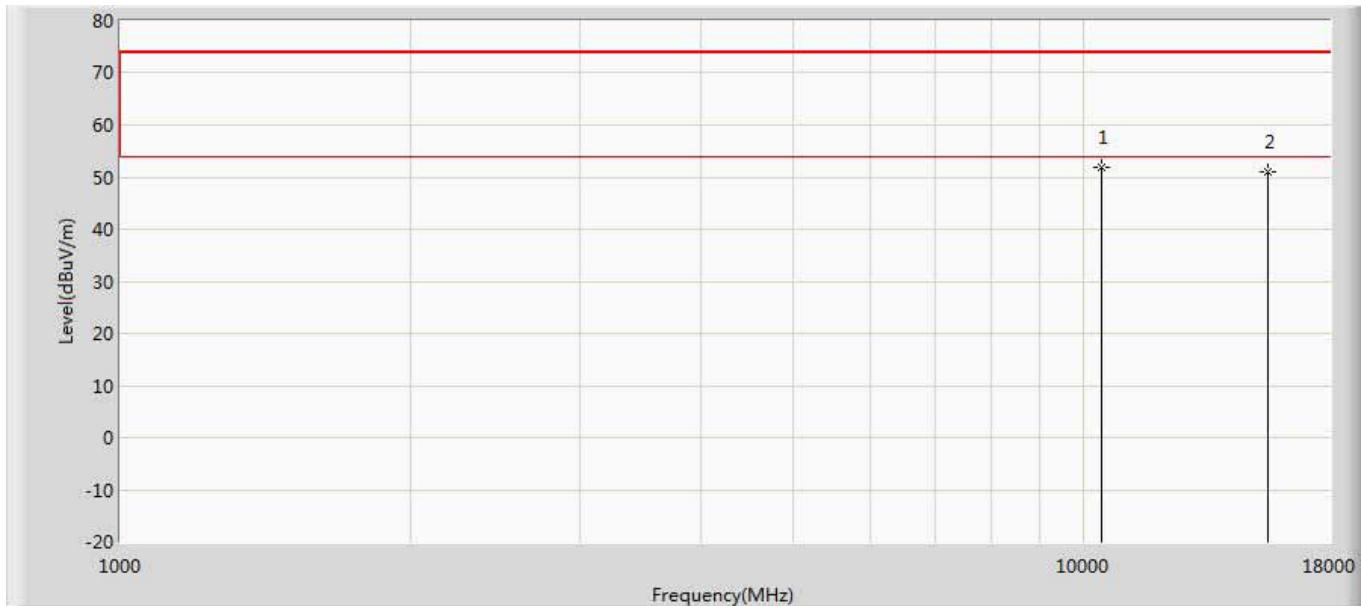
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.895	32.548	-28.105	74.000	13.347	PK
2	*	15540.000	48.734	30.256	-25.266	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 13:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220MHz by 802.11aANT2	



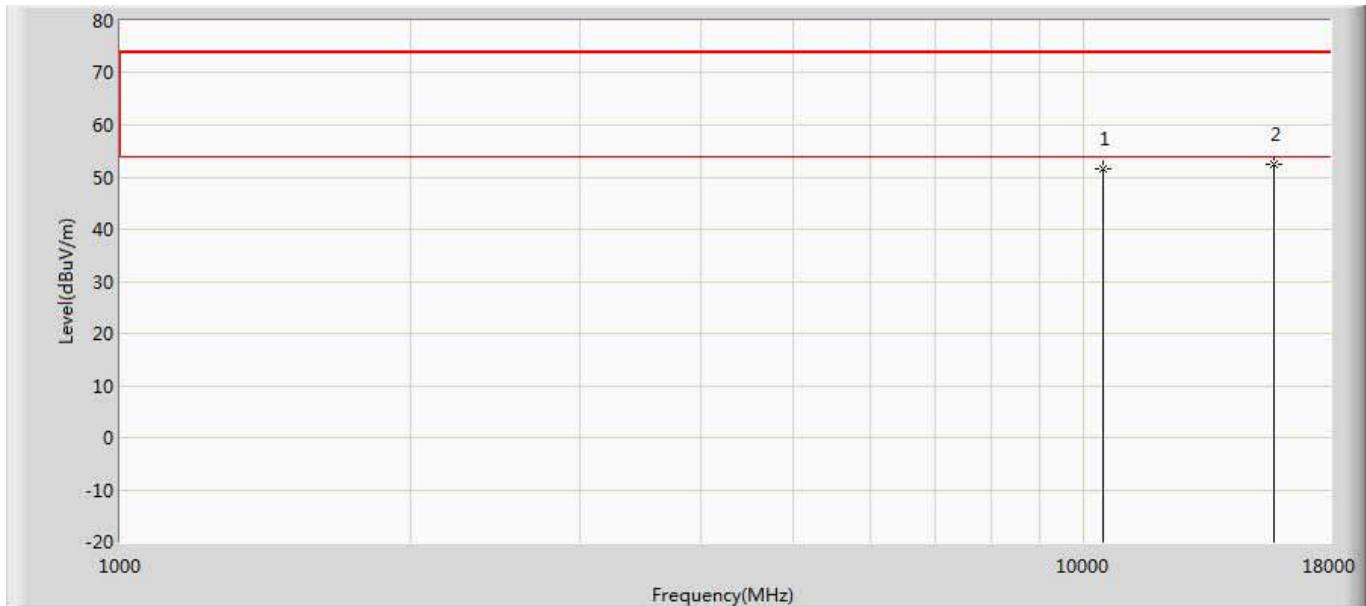
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.370	36.589	-23.630	74.000	13.781	PK
2	*	15540.000	52.601	34.123	-21.399	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 13:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5220MHz by 802.11aANT2	



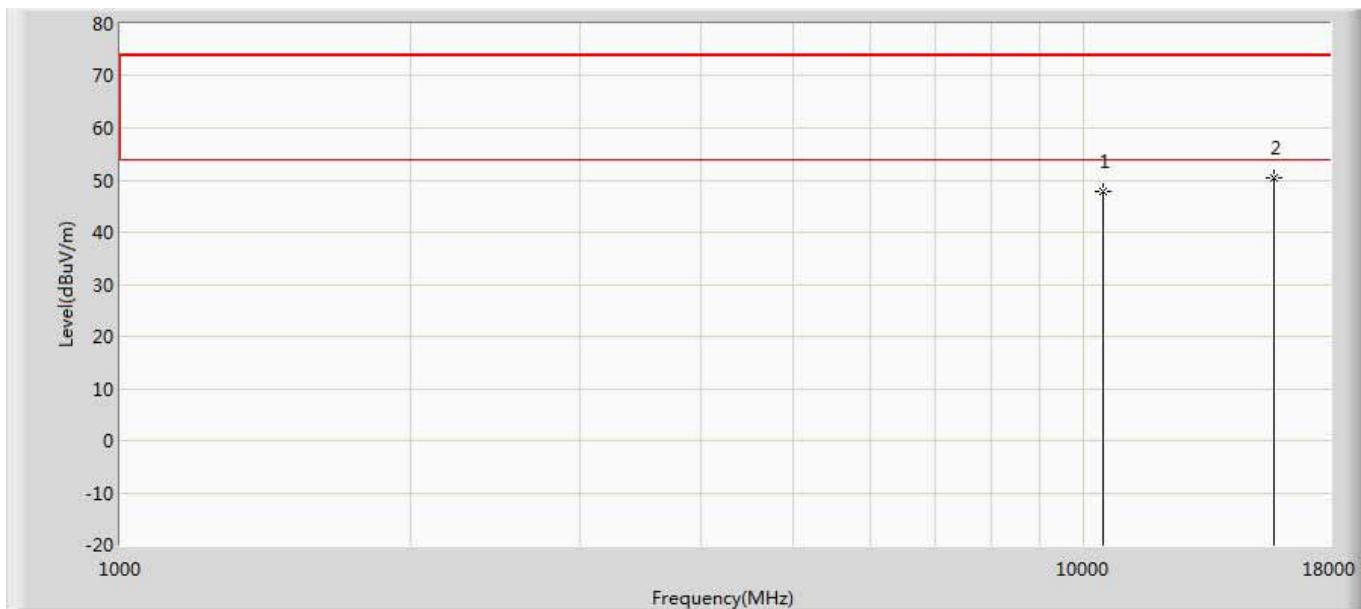
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10440.000	51.802	38.021	-22.198	74.000	13.781	PK
2		15540.000	51.001	32.523	-22.999	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 14:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240MHz by 802.11aANT2	



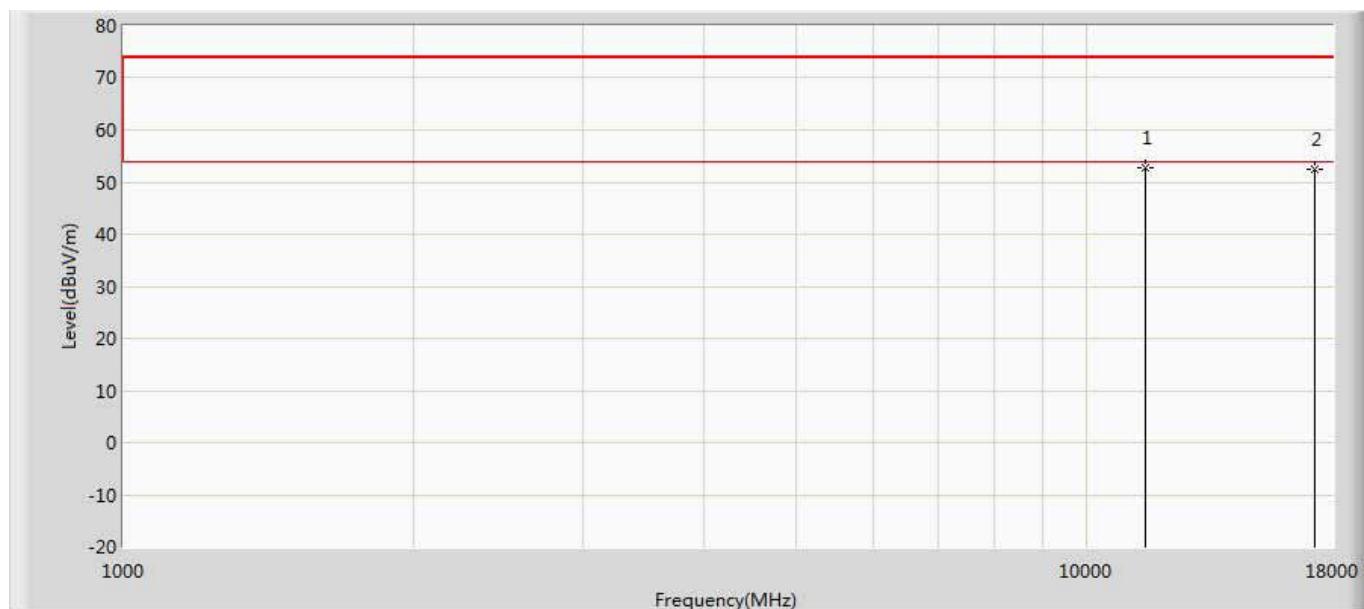
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.564	38.011	-22.436	74.000	13.552	PK
2	*	15720.000	52.330	32.056	-21.670	74.000	20.274	PK

Site:AC5	Time: 2017/06/07 - 14:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5240MHz by 802.11aANT2	



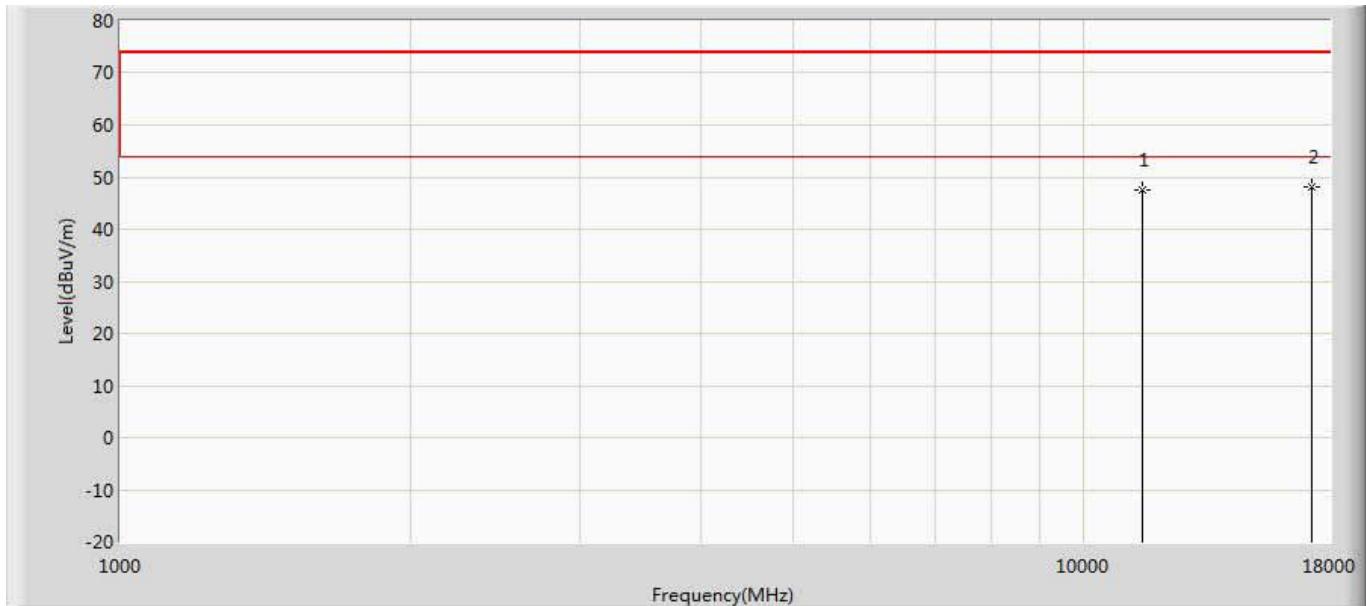
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	47.763	34.210	-26.237	74.000	13.552	PK
2	*	15720.000	50.530	30.256	-23.470	74.000	20.274	PK

Site:AC5	Time: 2017/06/07 - 15:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT2	



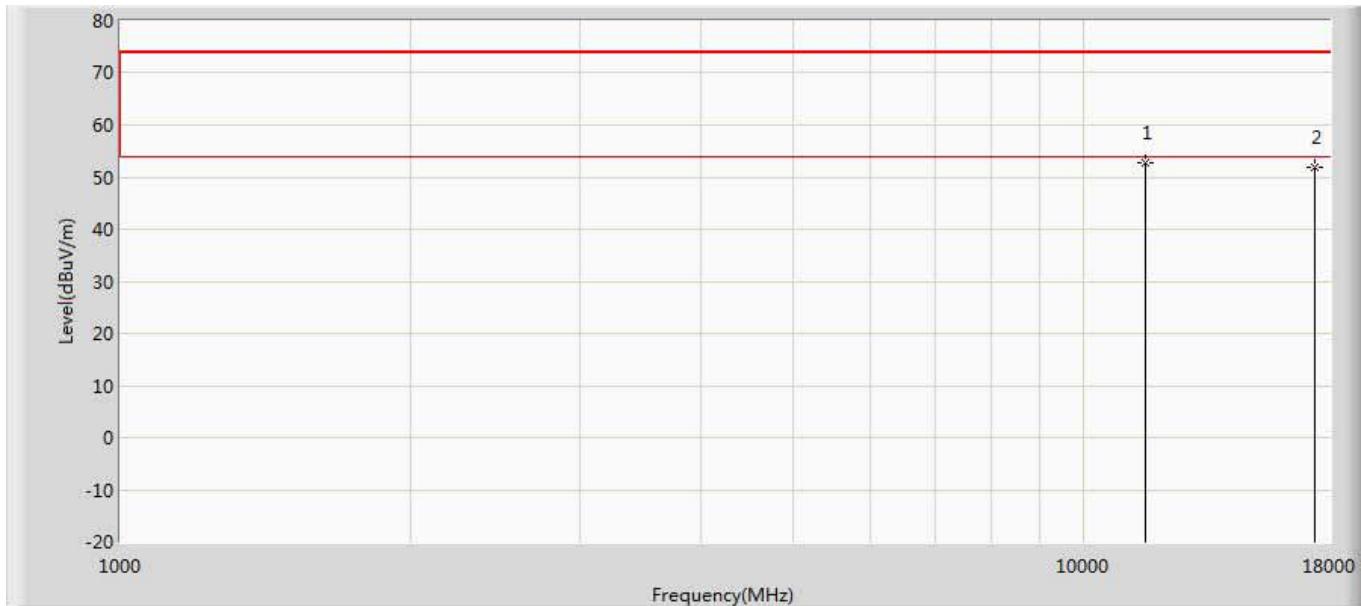
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11490.000	52.673	37.589	-21.327	74.000	15.084	PK
2		17235.000	52.491	33.012	-21.509	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11aANT2	



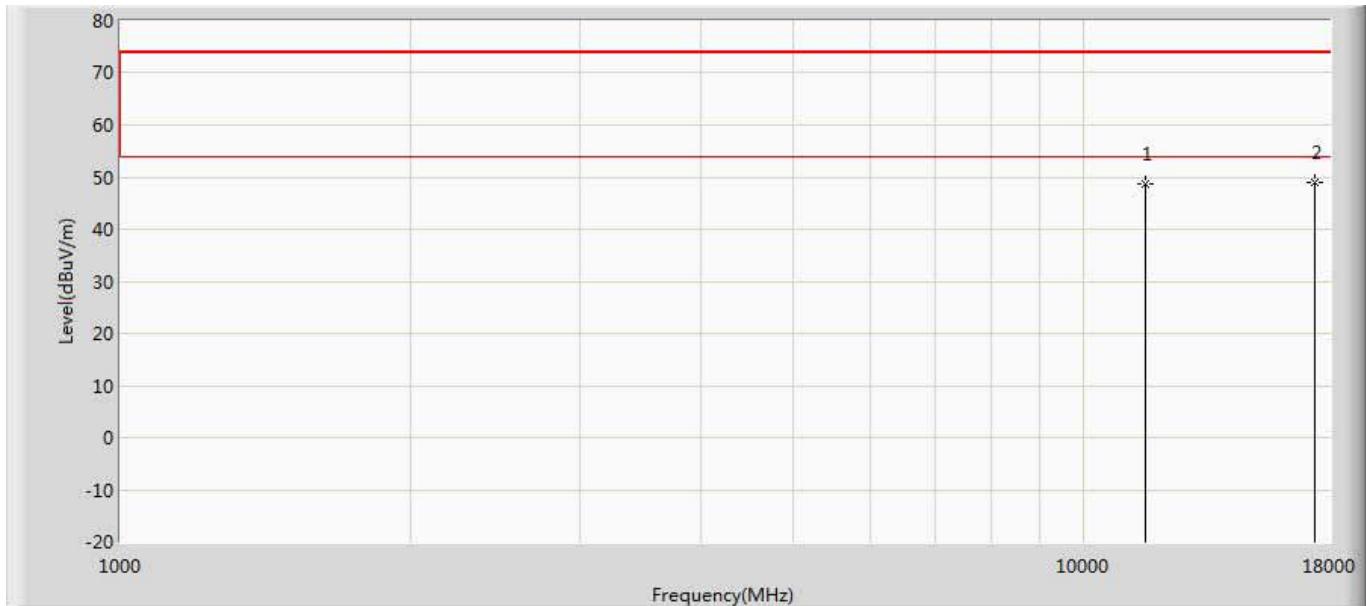
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	47.668	32.584	-26.332	74.000	15.084	PK
2	*	17235.000	48.073	28.594	-25.927	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT2	



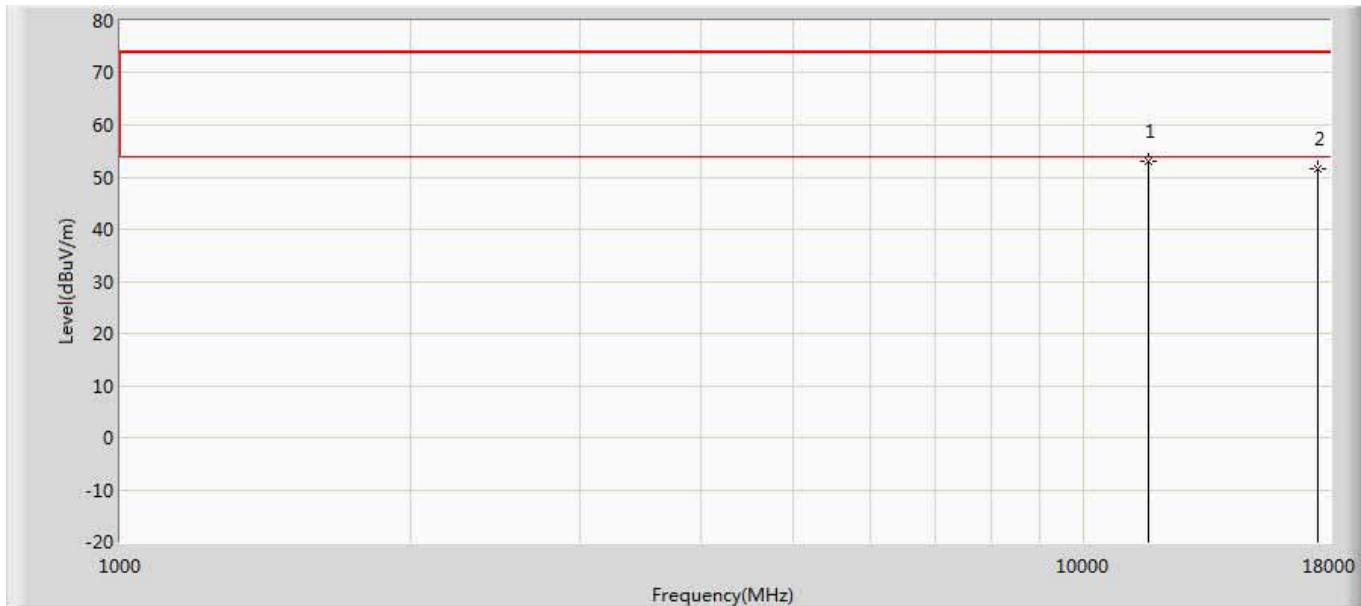
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11570.000	52.700	36.524	-21.300	74.000	16.177	PK
2		17355.000	51.840	31.256	-22.160	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5785MHz by 802.11aANT2	



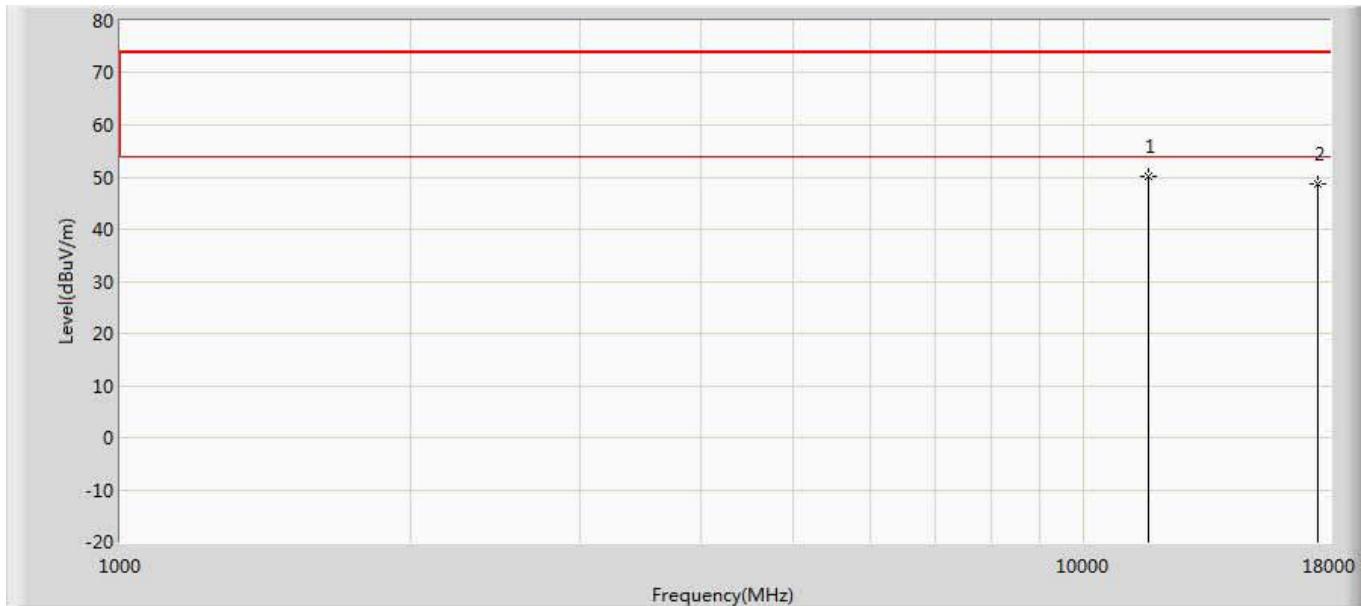
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.739	32.563	-25.261	74.000	16.177	PK
2	*	17355.000	49.041	28.457	-24.959	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT2	



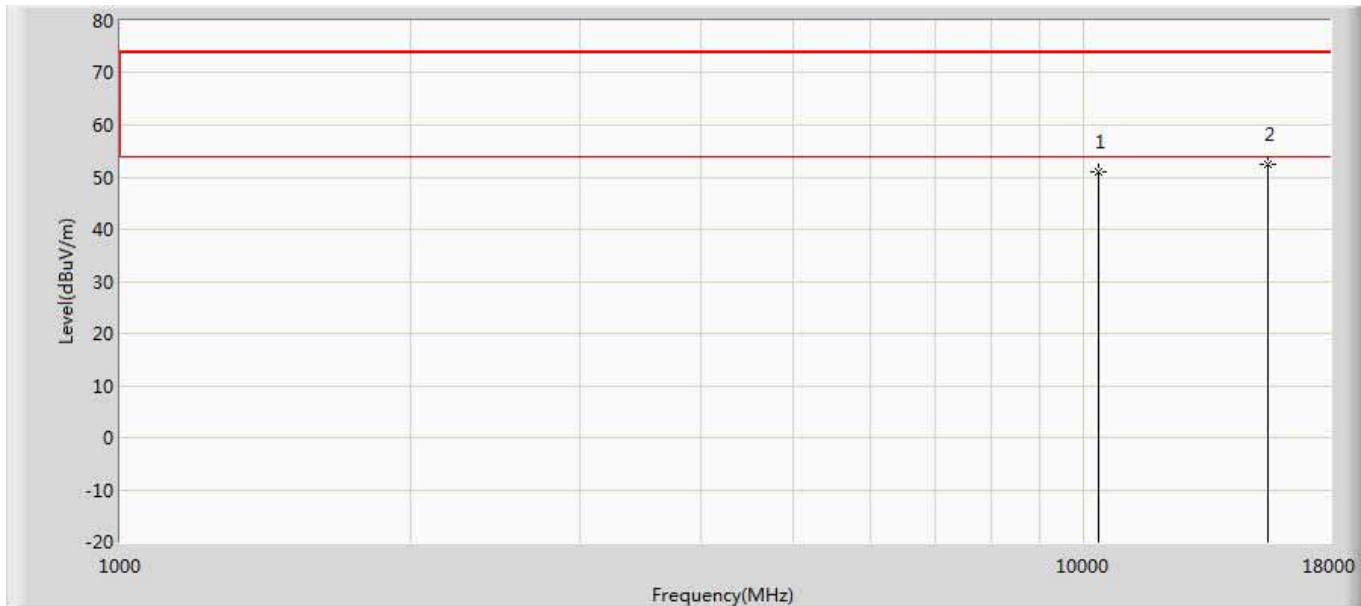
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.188	36.698	-20.812	74.000	16.490	PK
2		17475.000	51.461	31.254	-22.539	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 15:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5825MHz by 802.11aANT2	



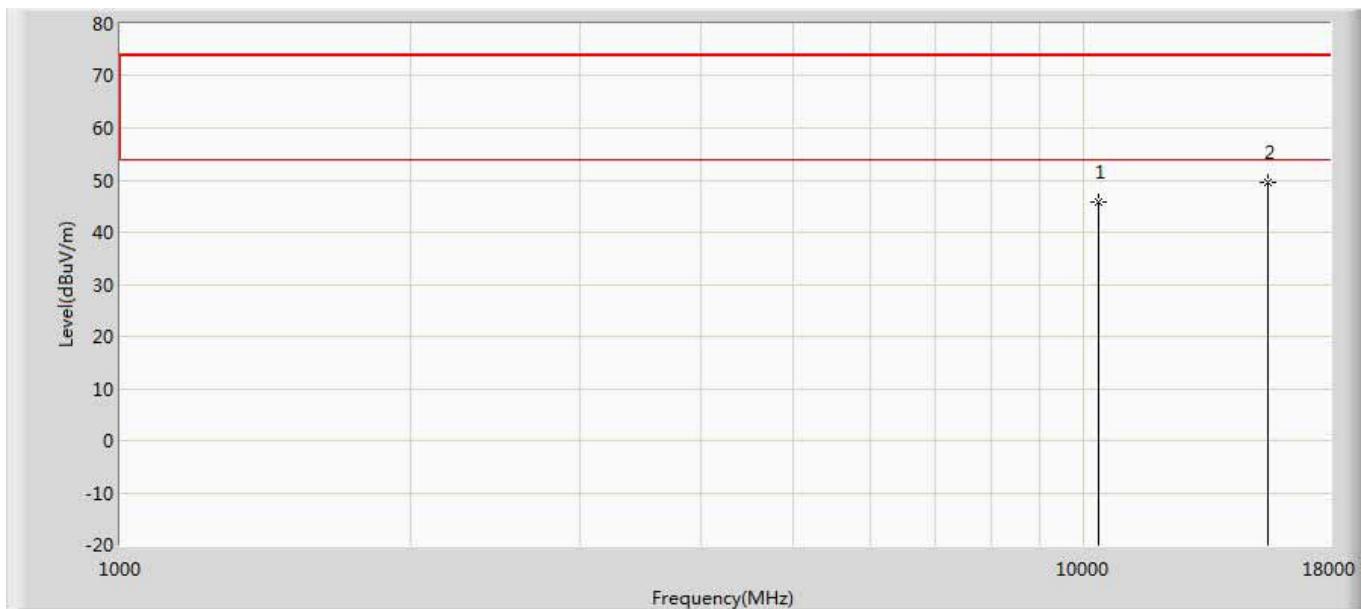
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	50.121	33.631	-23.879	74.000	16.490	PK
2		17475.000	48.776	28.569	-25.224	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 14:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180MHz by 802.11n20 ANT2	



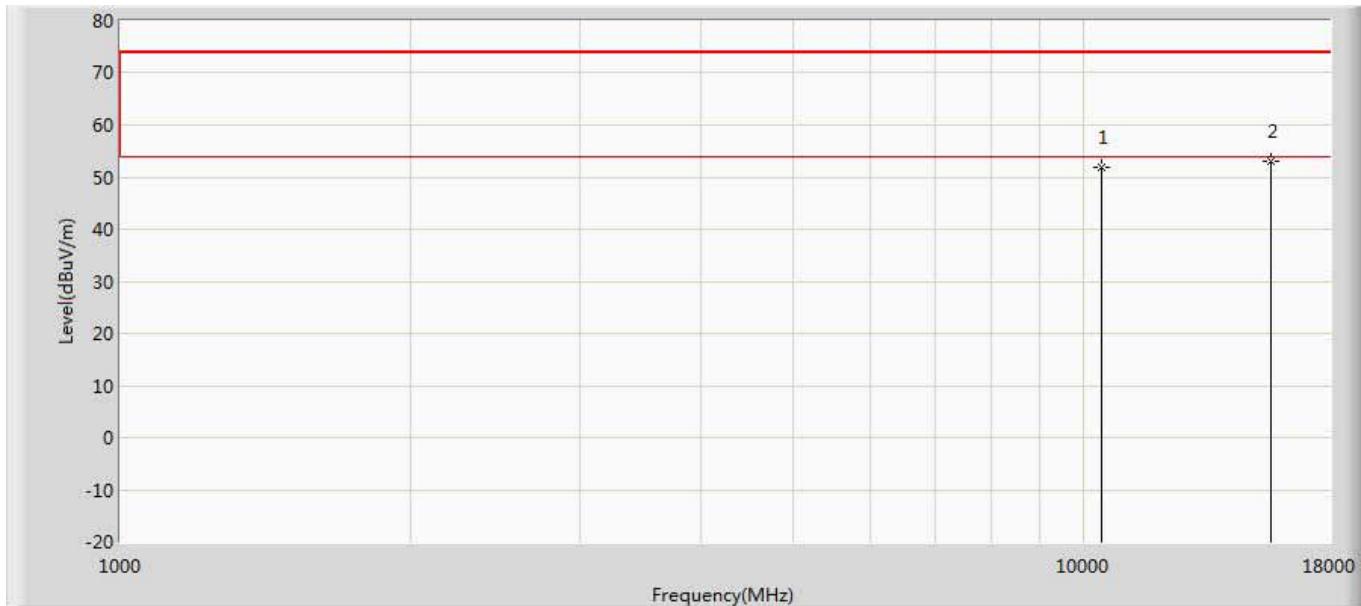
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.910	37.563	-23.090	74.000	13.347	PK
2	*	15540.000	52.330	33.852	-21.670	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 14:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5180MHz by 802.11n20 ANT2	



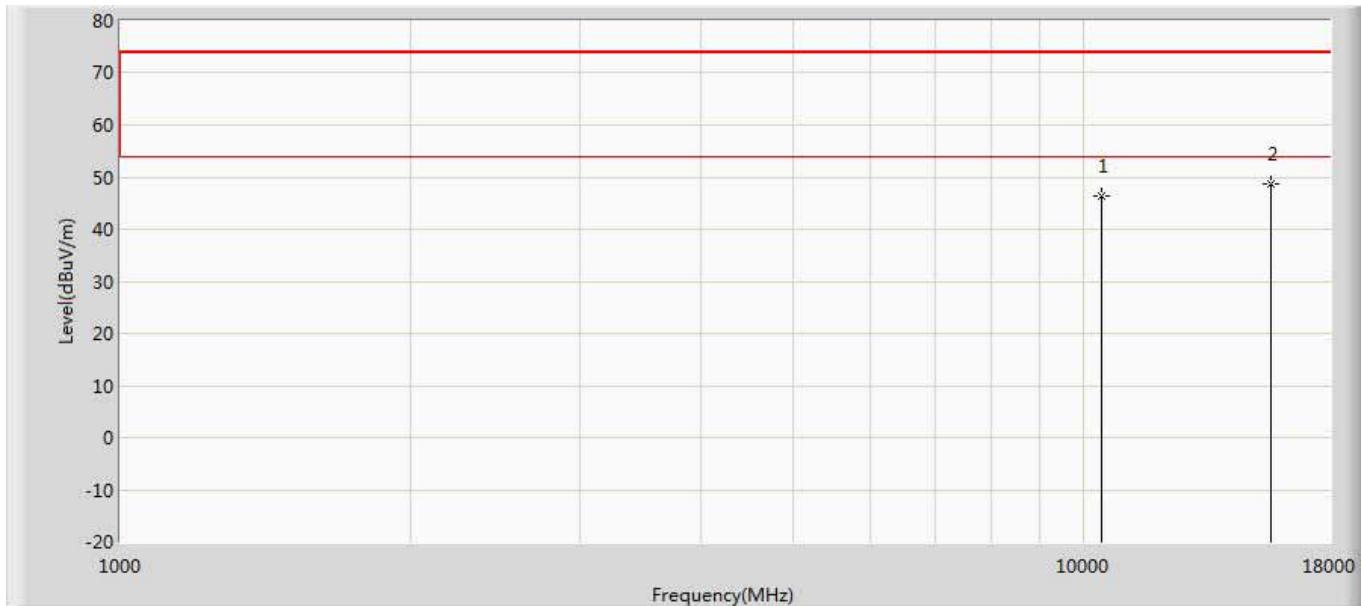
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.868	32.521	-28.132	74.000	13.347	PK
2	*	15540.000	49.503	31.025	-24.497	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 14:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220MHz by 802.11n20 ANT2	



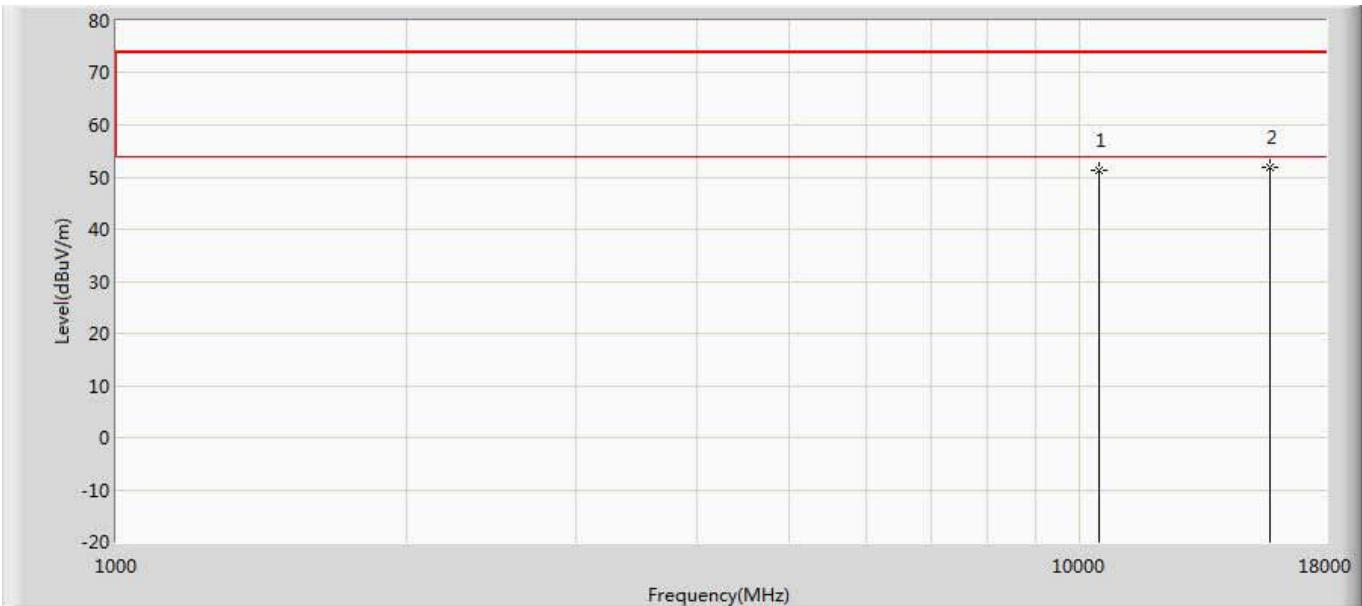
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.802	38.021	-22.198	74.000	13.781	PK
2	*	15660.000	53.119	34.541	-20.881	74.000	18.578	PK

Site:AC5	Time: 2017/06/07 - 14:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5220MHz by 802.11n20 ANT2	



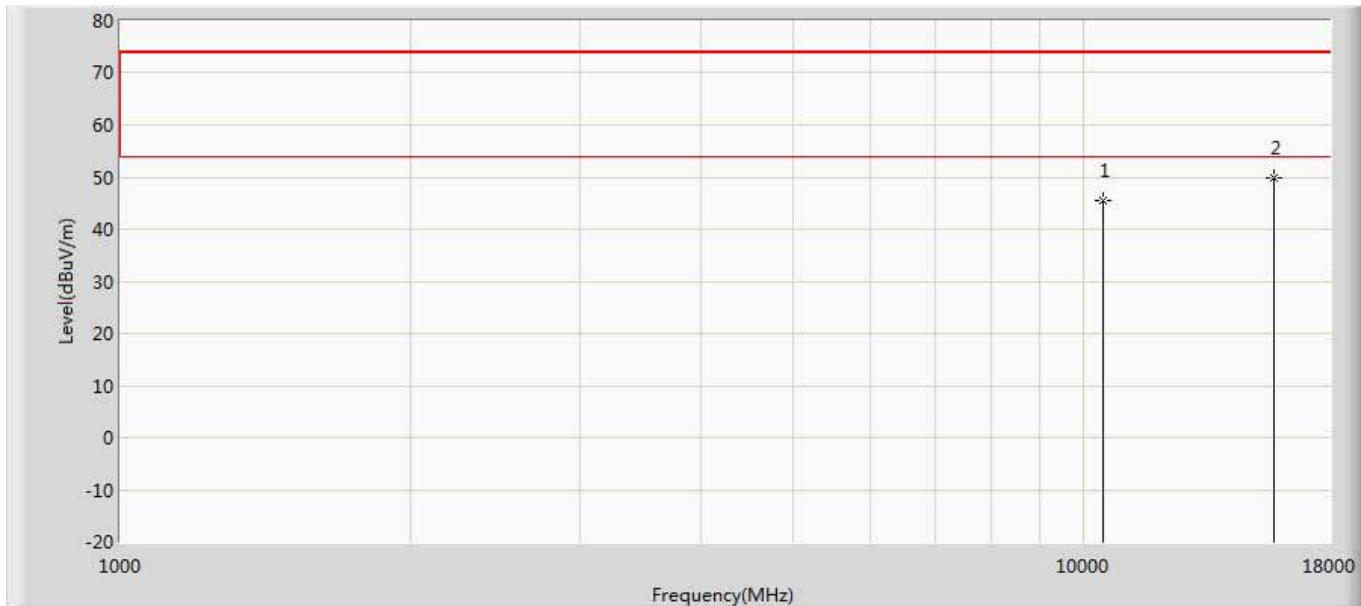
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	46.302	32.521	-27.698	74.000	13.781	PK
2	*	15660.000	48.592	30.014	-25.408	74.000	18.578	PK

Site:AC5	Time: 2017/06/07 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240MHz by 802.11n20 ANT2	



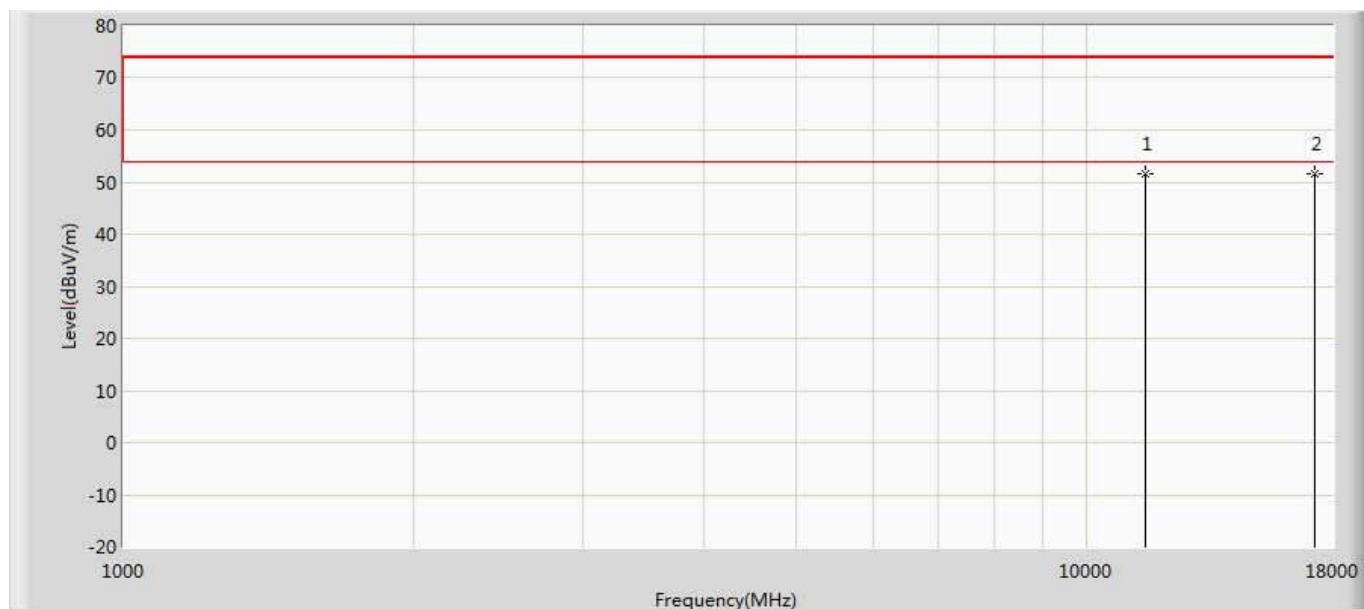
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.405	37.852	-22.595	74.000	13.552	PK
2	*	15720.000	51.826	31.552	-22.174	74.000	20.274	PK

Site:AC5	Time: 2017/06/07 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5240MHz by 802.11n20 ANT2	



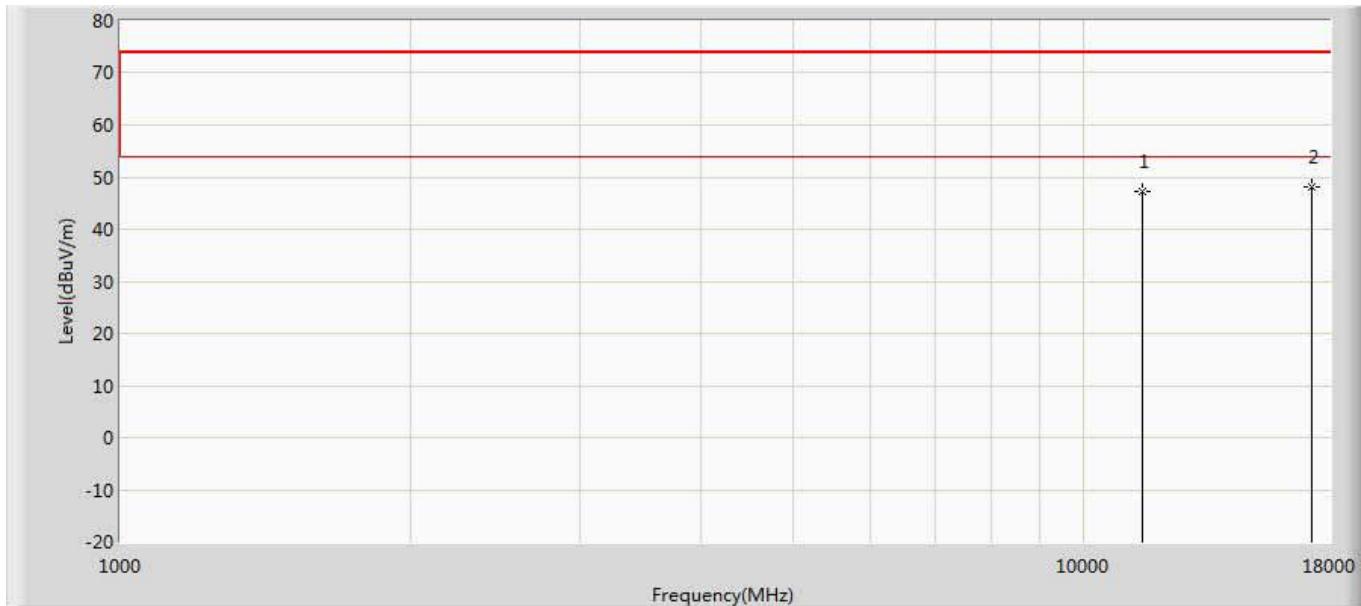
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.565	32.012	-28.435	74.000	13.552	PK
2	*	15720.000	49.932	29.658	-24.068	74.000	20.274	PK

Site:AC5	Time: 2017/06/07 - 15:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745MHz by 802.11n20 ANT2	



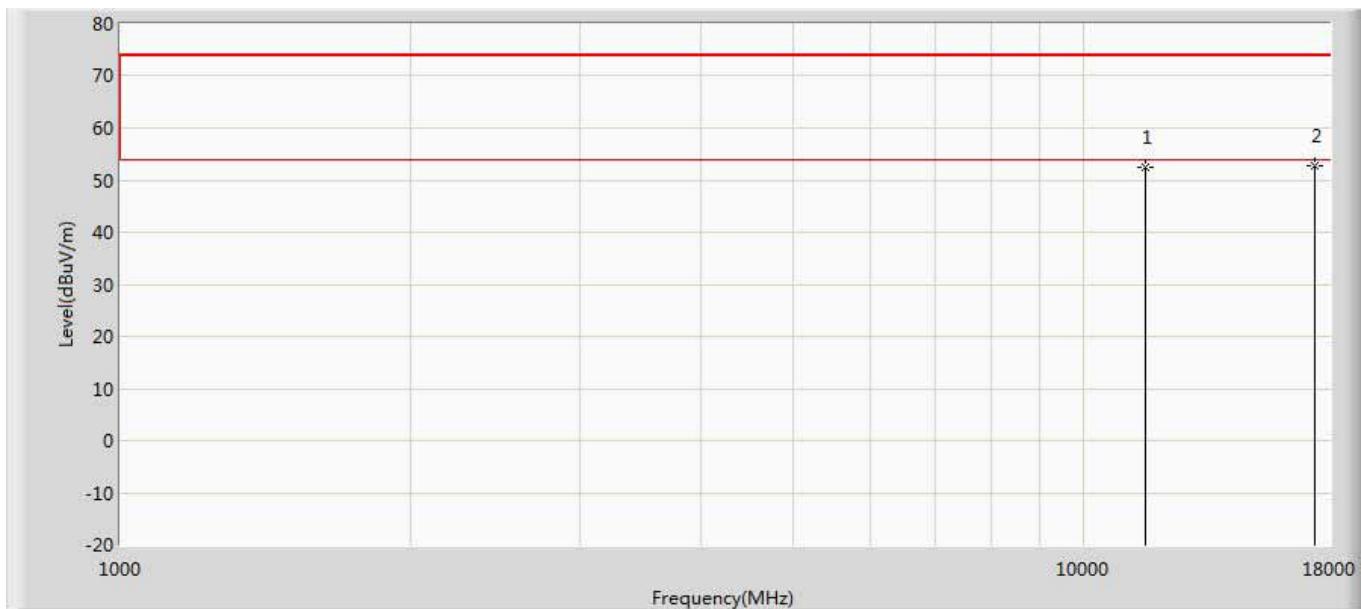
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11490.000	51.736	36.652	-22.264	74.000	15.084	PK
2		17235.000	51.504	32.025	-22.496	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5745MHz by 802.11n20 ANT2	



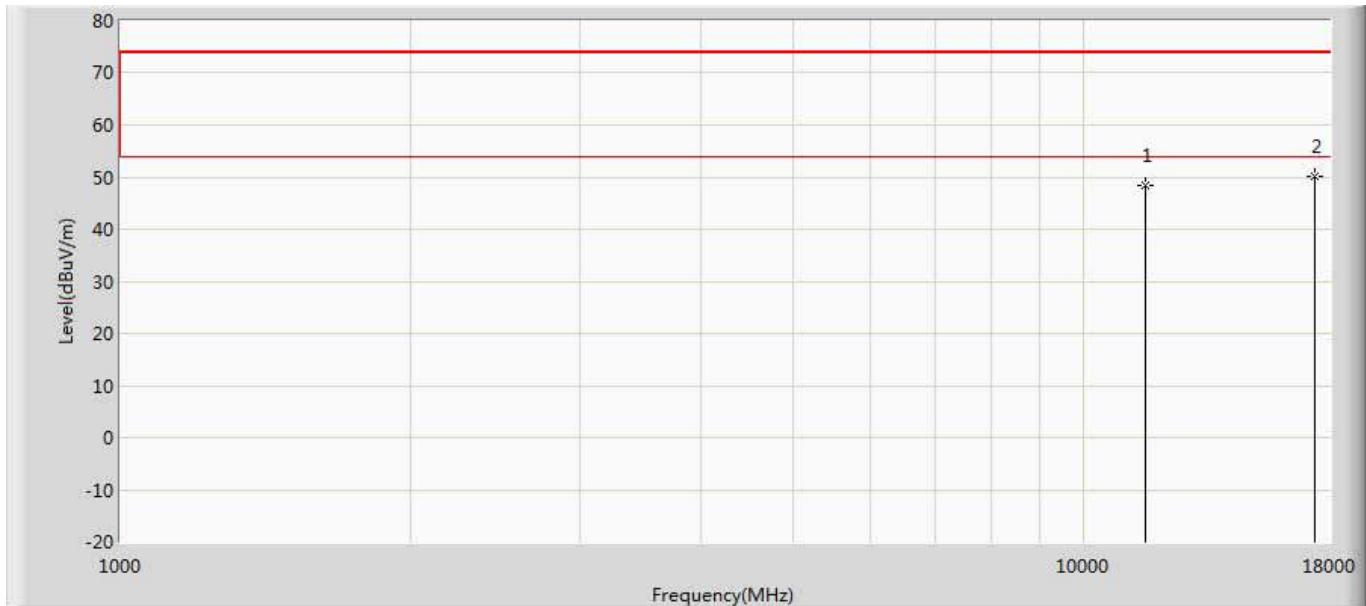
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	47.338	32.254	-26.662	74.000	15.084	PK
2	*	17235.000	48.041	28.562	-25.959	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785MHz by 802.11n20 ANT2	



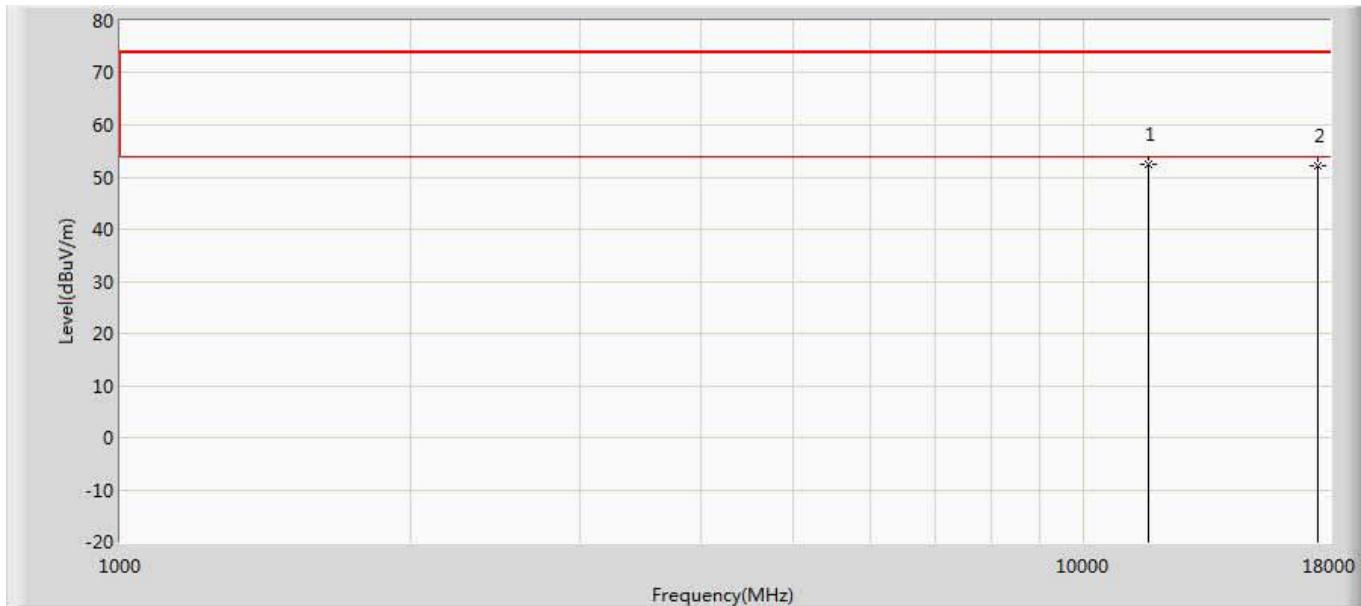
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.503	36.327	-21.497	74.000	16.177	PK
2	*	17355.000	52.808	32.224	-21.192	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5785MHz by 802.11n20 ANT2	



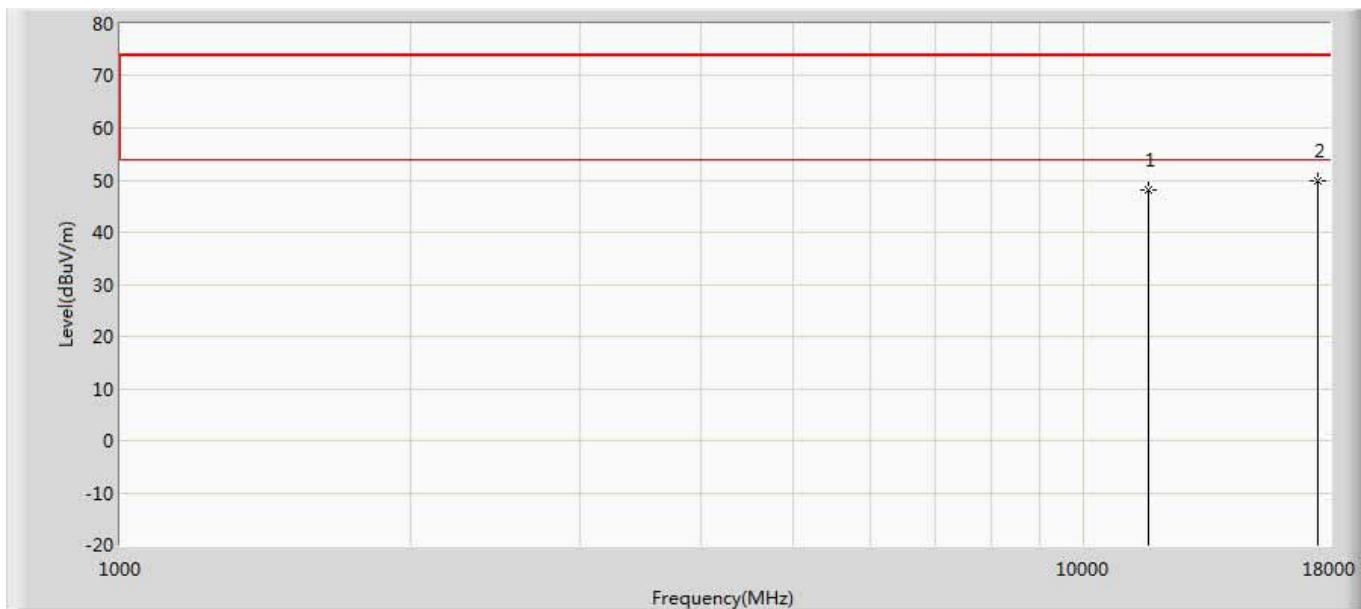
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.390	32.214	-25.610	74.000	16.177	PK
2	*	17355.000	50.173	29.589	-23.827	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825MHz by 802.11n20 ANT2	



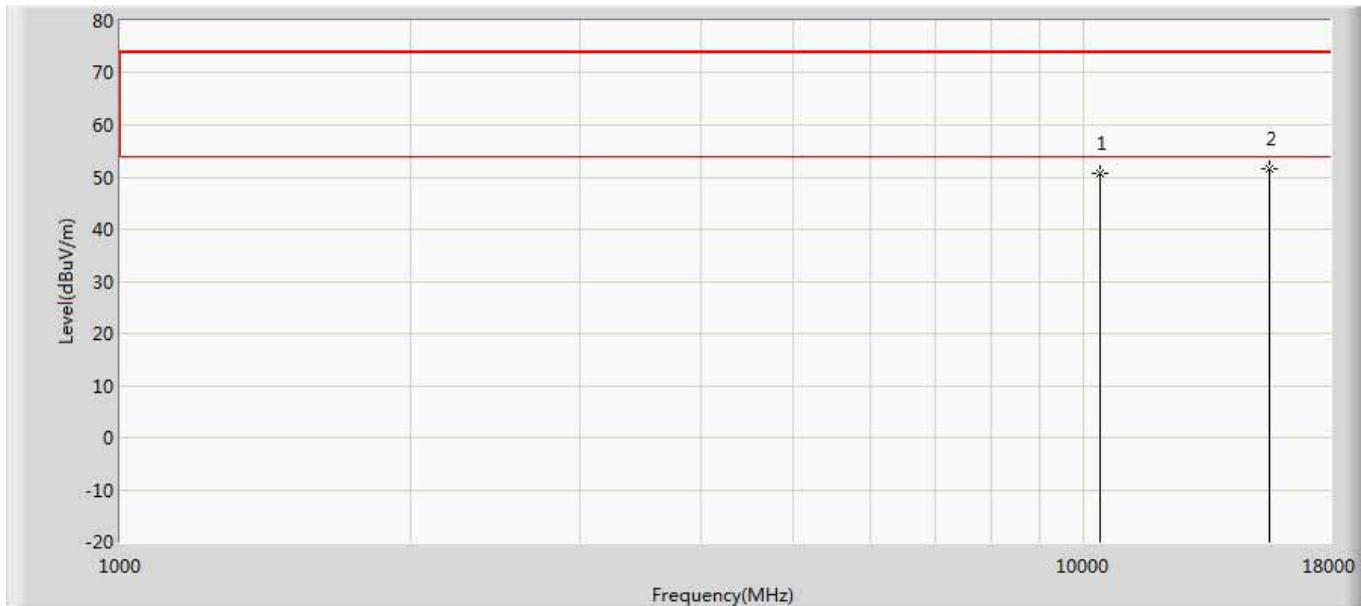
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	52.504	36.014	-21.496	74.000	16.490	PK
2		17475.000	52.259	32.052	-21.741	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 15:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at channel 5825MHz by 802.11n20 ANT2	



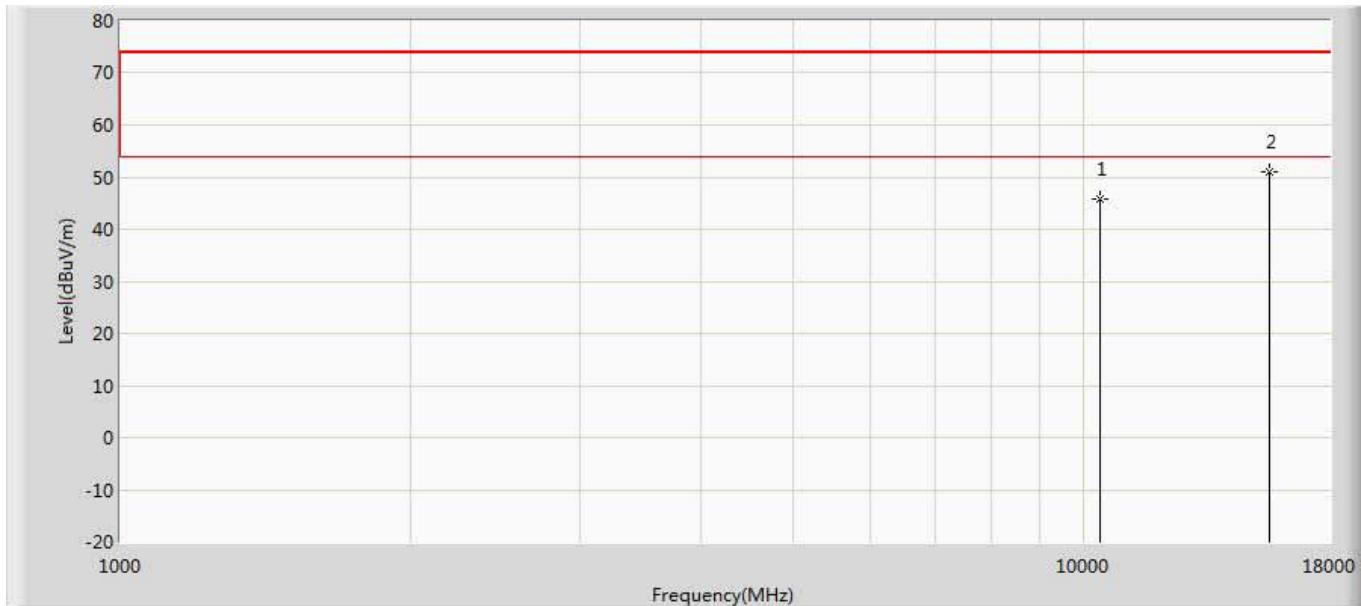
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	48.014	31.524	-25.986	74.000	16.490	PK
2	*	17475.000	49.749	29.542	-24.251	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190MHz by 802.11n40 ANT2	



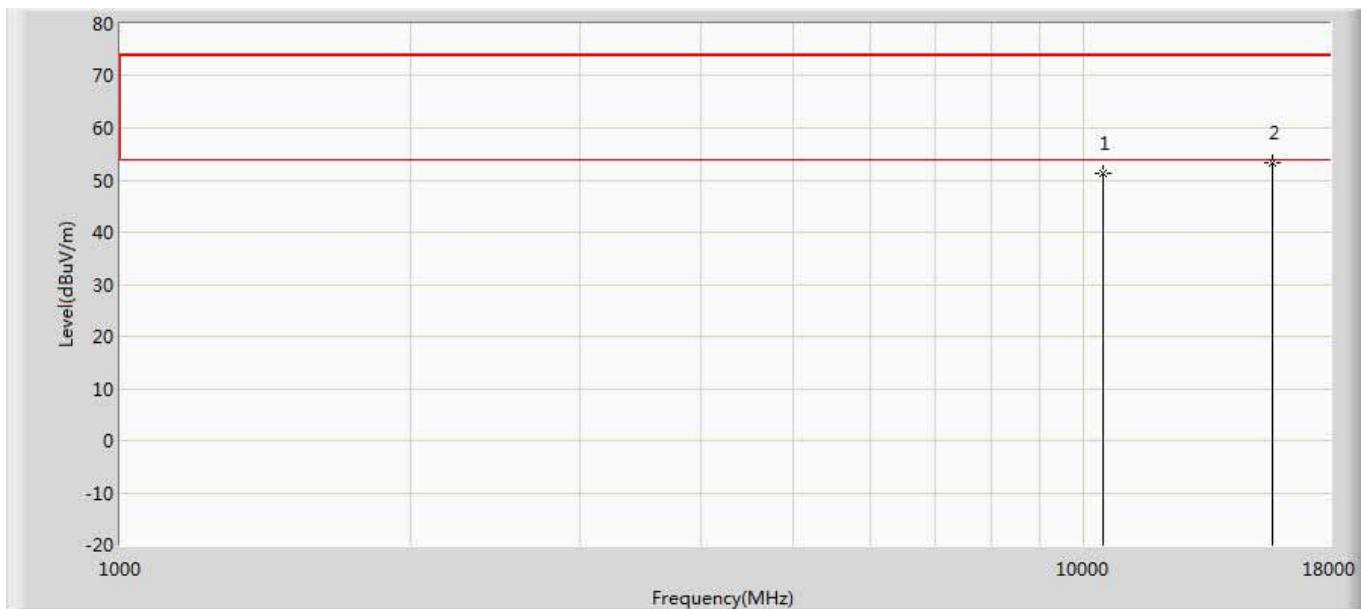
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.720	37.568	-23.280	74.000	13.152	PK
2	*	15570.000	51.593	32.052	-22.407	74.000	19.541	PK

Site:AC5	Time: 2017/06/07 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5190MHz by 802.11n40 ANT2	



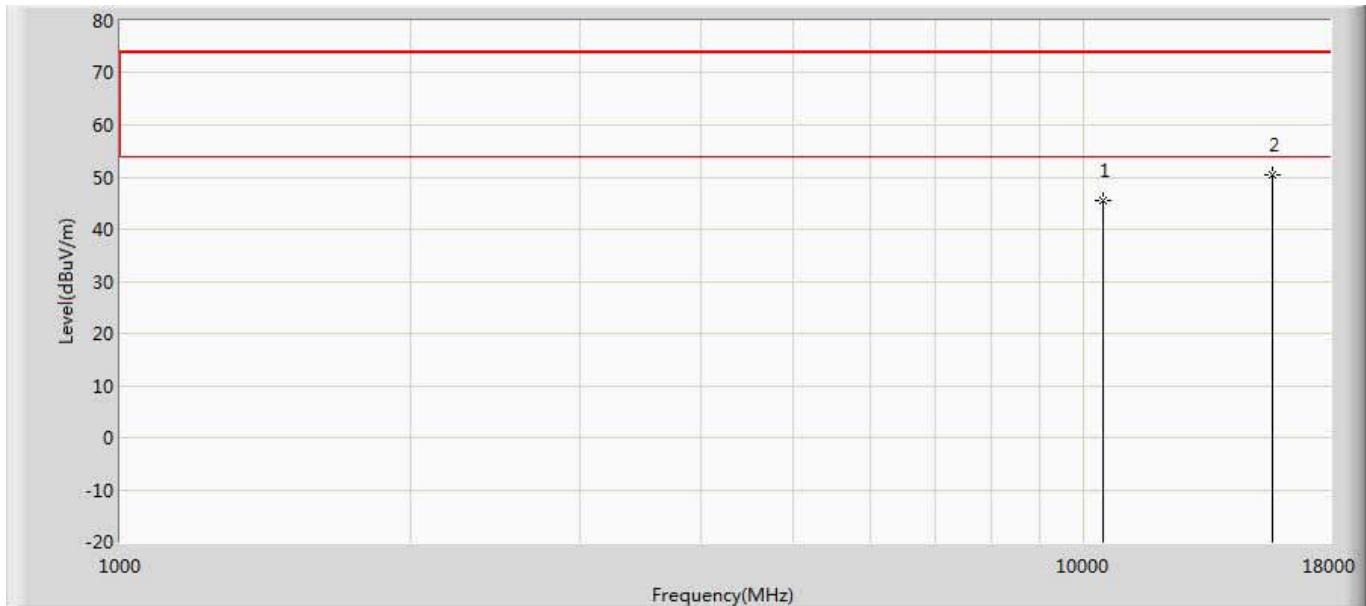
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.750	32.598	-28.250	74.000	13.152	PK
2	*	15570.000	50.882	31.341	-23.118	74.000	19.541	PK

Site:AC5	Time: 2017/06/07 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230MHz by 802.11n40 ANT2	



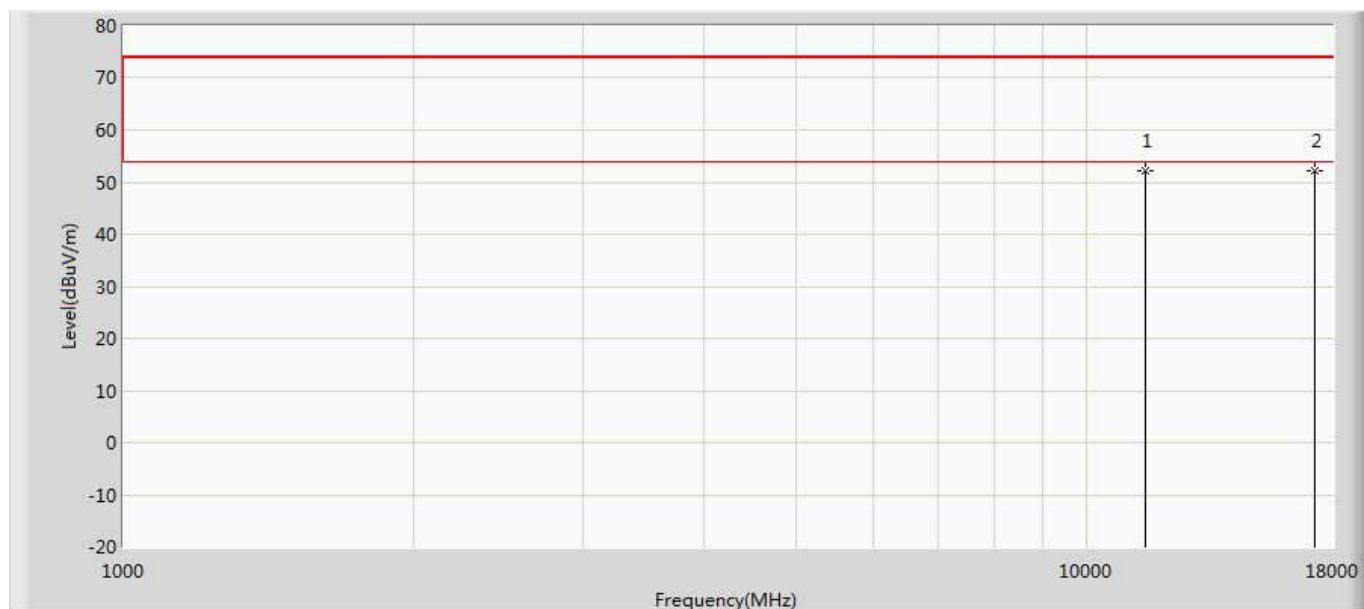
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	51.297	37.852	-22.703	74.000	13.445	PK
2	*	15690.000	53.332	33.023	-20.668	74.000	20.309	PK

Site:AC5	Time: 2017/06/07 - 14:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5230MHz by 802.11n40 ANT2	



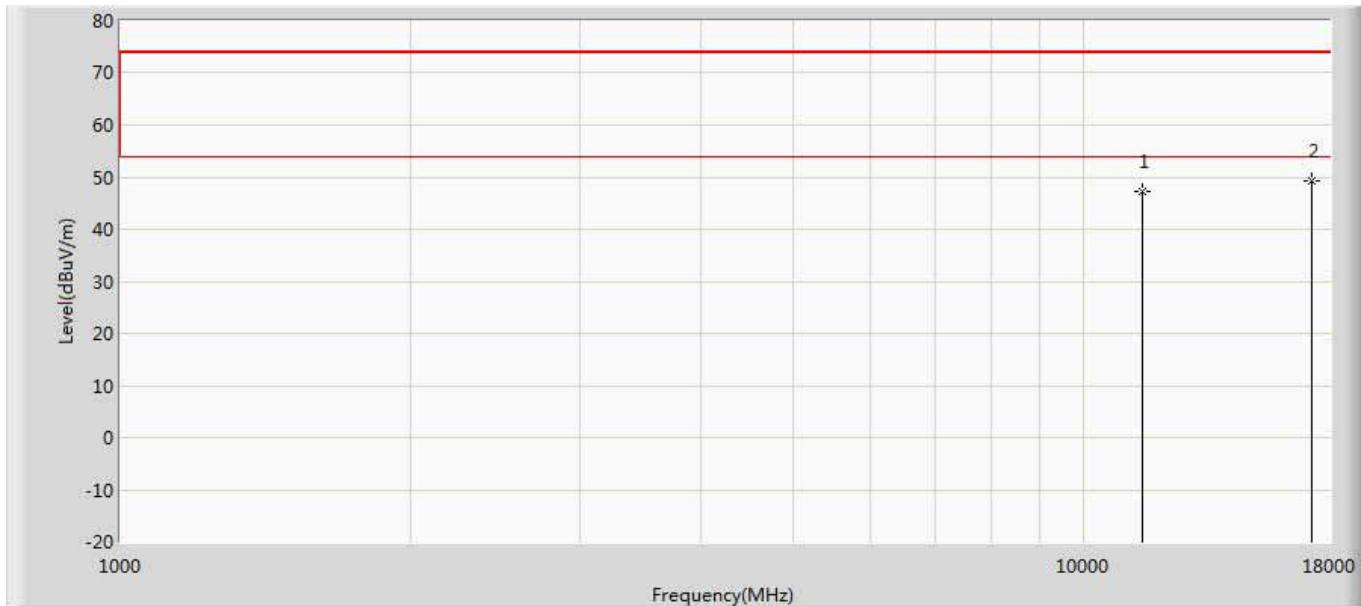
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	45.569	32.124	-28.431	74.000	13.445	PK
2	*	15690.000	50.323	30.014	-23.677	74.000	20.309	PK

Site:AC5	Time: 2017/06/07 - 15:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755MHz by 802.11n40 ANT2	



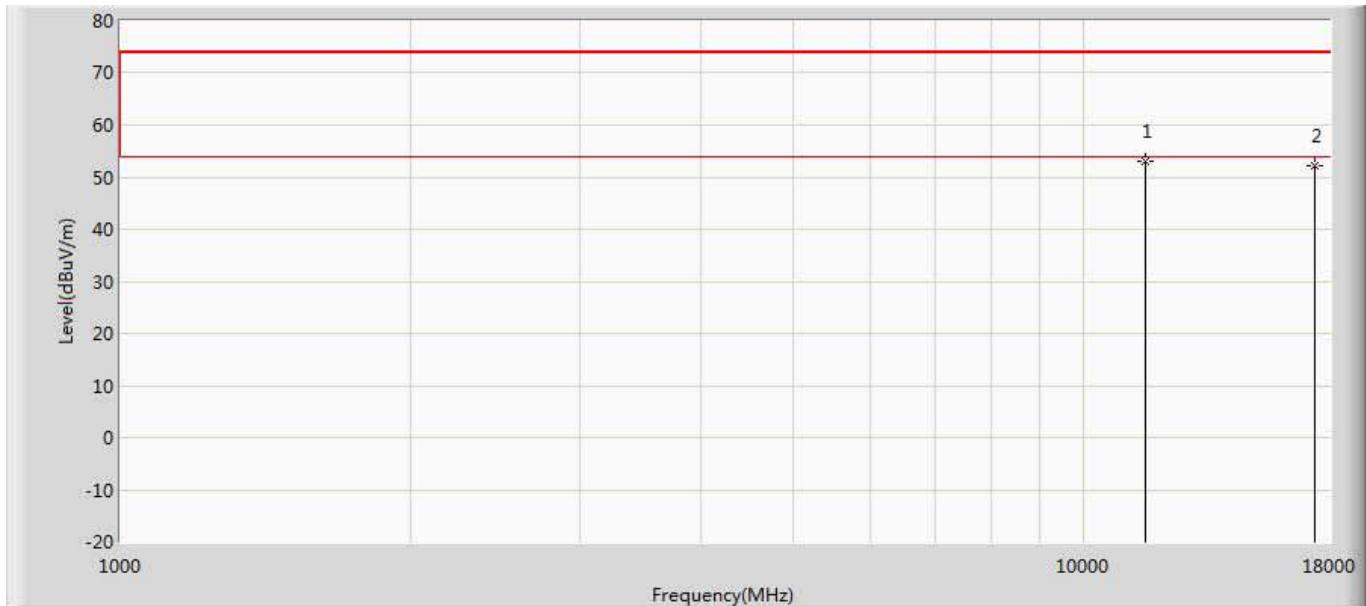
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	52.215	36.528	-21.785	74.000	15.687	PK
2		17265.000	52.172	31.524	-21.828	74.000	20.647	PK

Site:AC5	Time: 2017/06/07 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5755MHz by 802.11n40 ANT2	



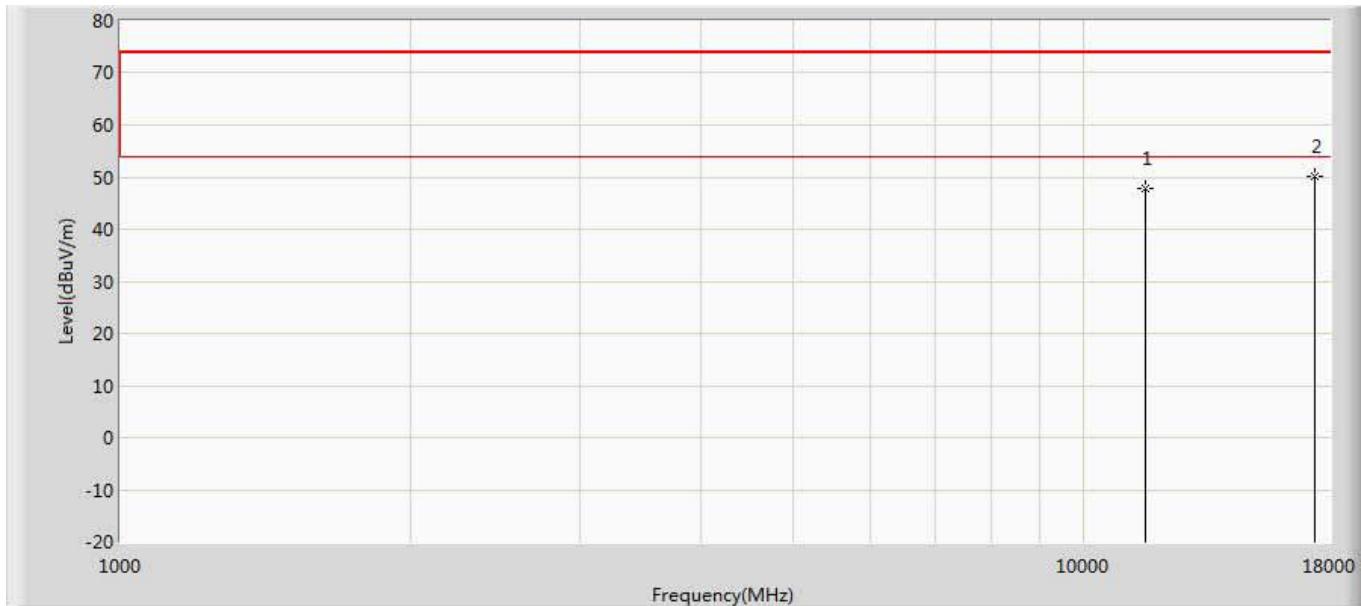
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.211	31.524	-26.789	74.000	15.687	PK
2	*	17265.000	49.217	28.569	-24.783	74.000	20.647	PK

Site:AC5	Time: 2017/06/07 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795MHz by 802.11n40 ANT2	



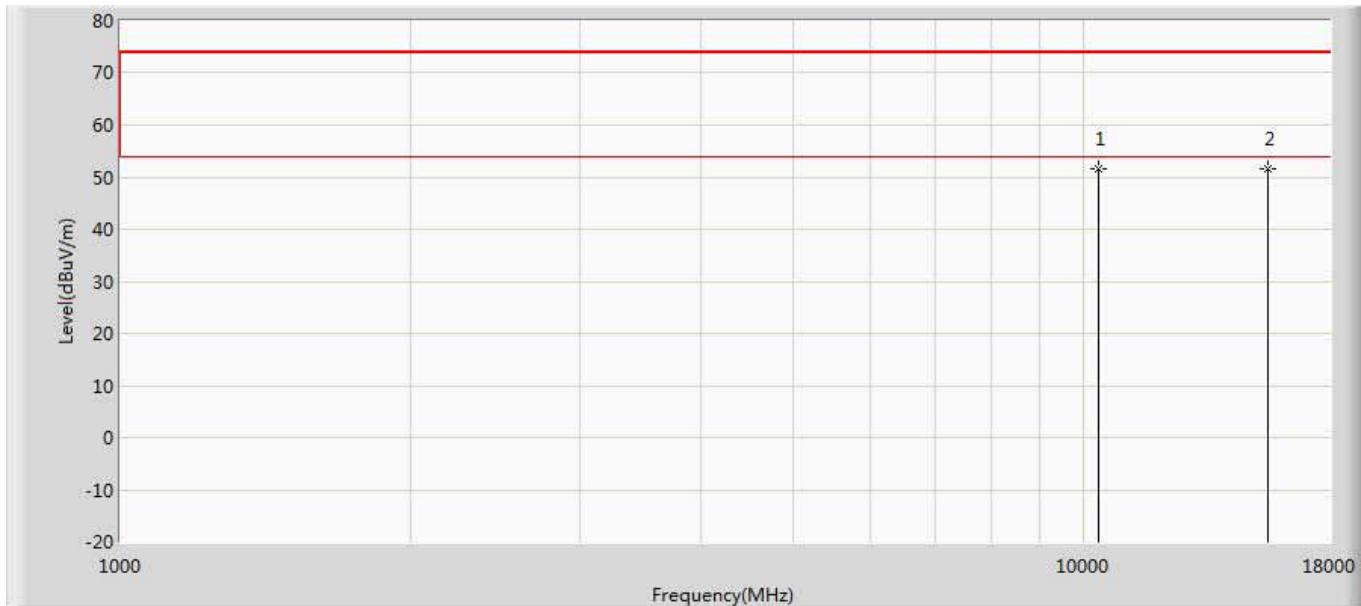
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	53.021	36.635	-20.979	74.000	16.385	PK
2		17385.000	52.032	31.440	-21.968	74.000	20.592	PK

Site:AC5	Time: 2017/06/07 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at channel 5795MHz by 802.11n40 ANT2	



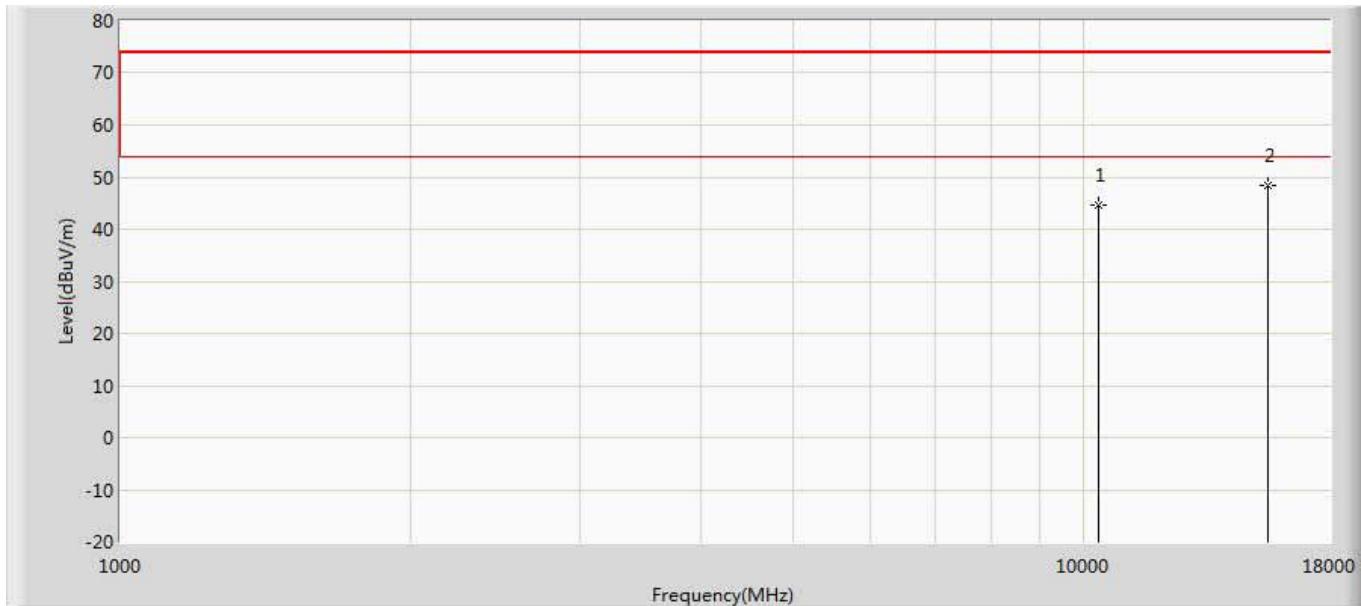
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	47.907	31.521	-26.093	74.000	16.385	PK
2	*	17385.000	50.133	29.541	-23.867	74.000	20.592	PK

Site:AC5	Time: 2017/06/07 - 14:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180MHz by 802.11ac20 ANT2	



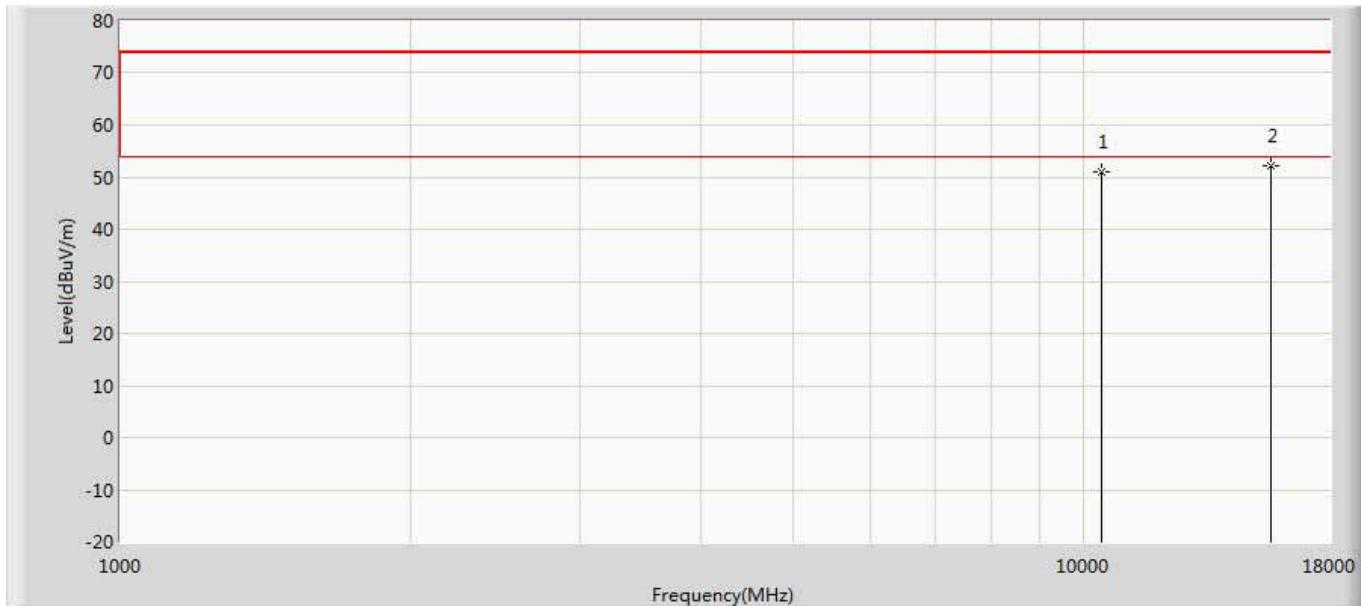
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	51.462	38.115	-22.538	74.000	13.347	PK
2	*	15540.000	51.514	33.036	-22.486	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 14:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5180MHz by 802.11ac20 ANT2	



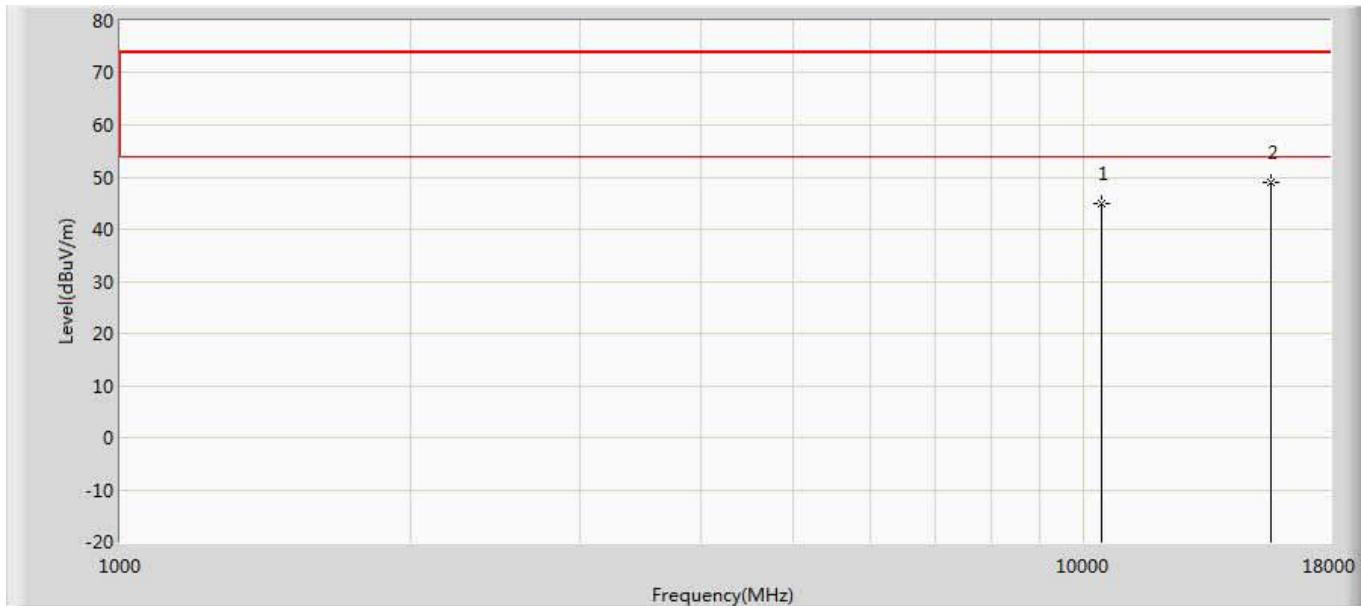
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	44.712	31.365	-29.288	74.000	13.347	PK
2	*	15540.000	48.504	30.026	-25.496	74.000	18.477	PK

Site:AC5	Time: 2017/06/07 - 14:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220MHz by 802.11ac20 ANT2	



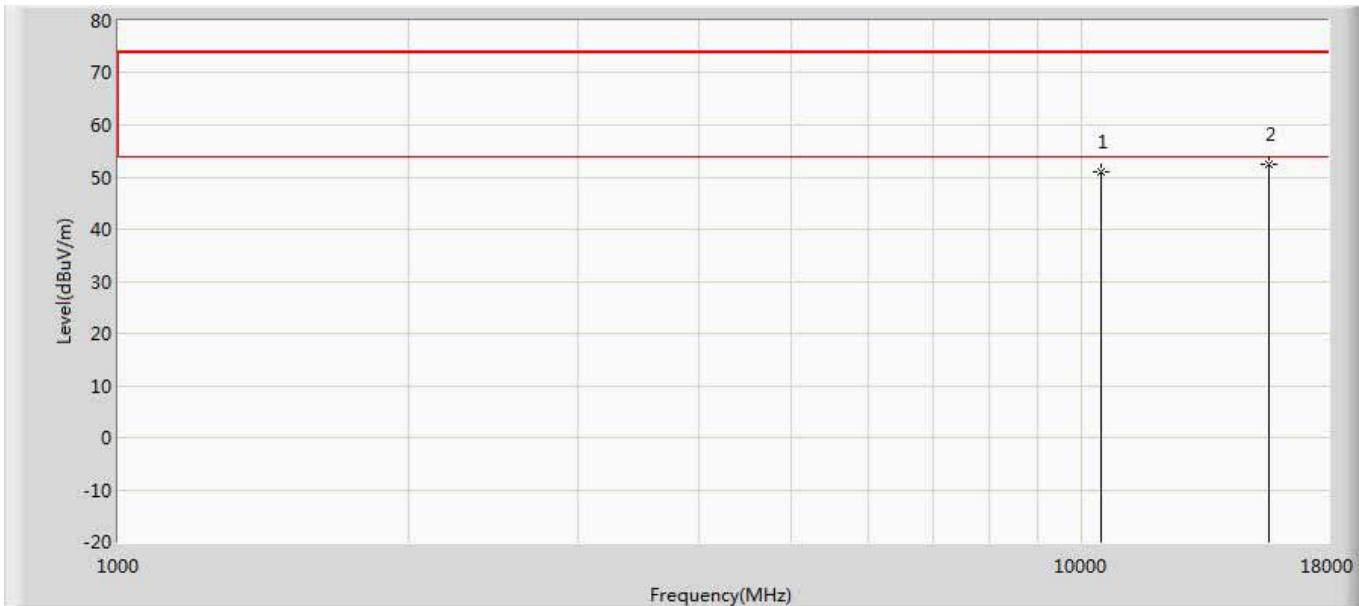
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.037	37.256	-22.963	74.000	13.781	PK
2	*	15660.000	52.263	33.685	-21.737	74.000	18.578	PK

Site:AC5	Time: 2017/06/07 - 14:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5220MHz by 802.11ac20 ANT2	



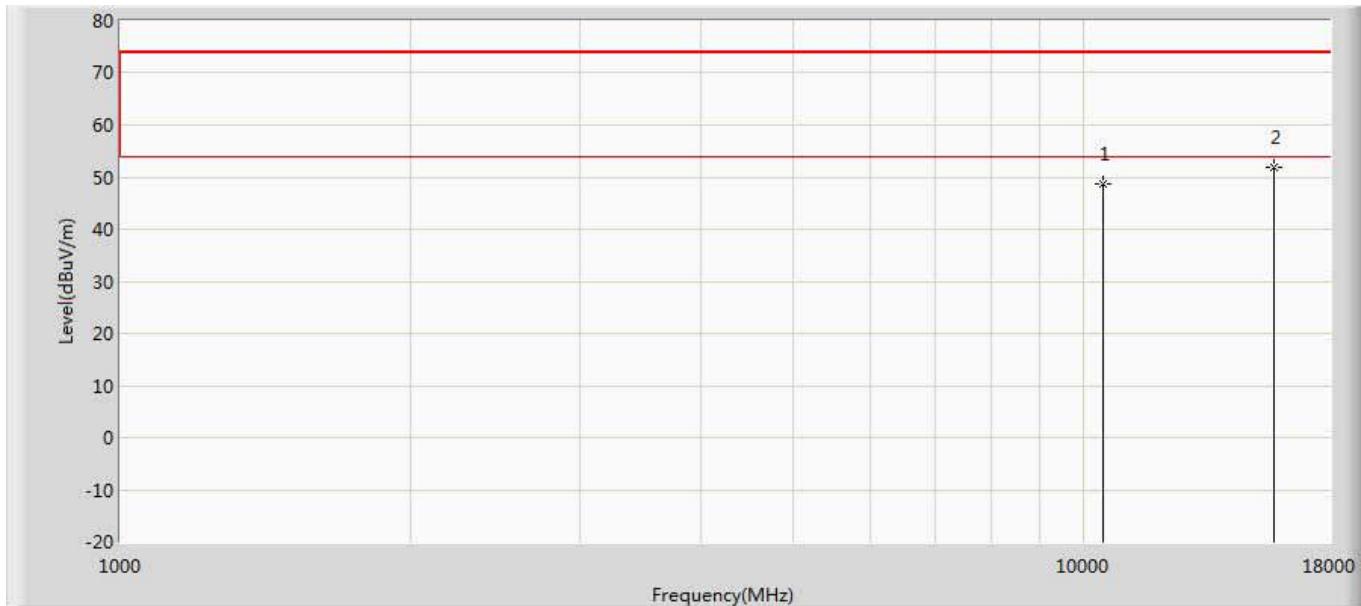
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	44.806	31.025	-29.194	74.000	13.781	PK
2	*	15660.000	49.099	30.521	-24.901	74.000	18.578	PK

Site:AC5	Time: 2017/06/07 - 14:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240MHz by 802.11ac20 ANT2	



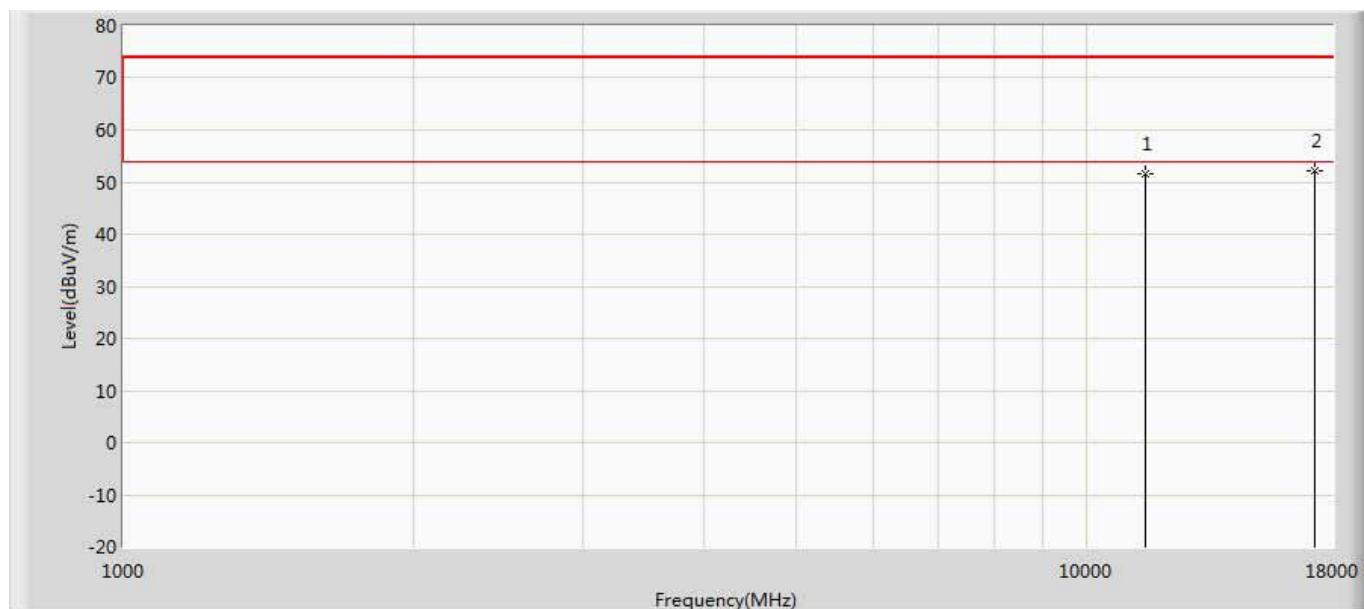
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.076	37.523	-22.924	74.000	13.552	PK
2	*	15660.000	52.423	33.845	-21.577	74.000	18.578	PK

Site:AC5	Time: 2017/06/07 - 14:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5240MHz by 802.11ac20 ANT2	



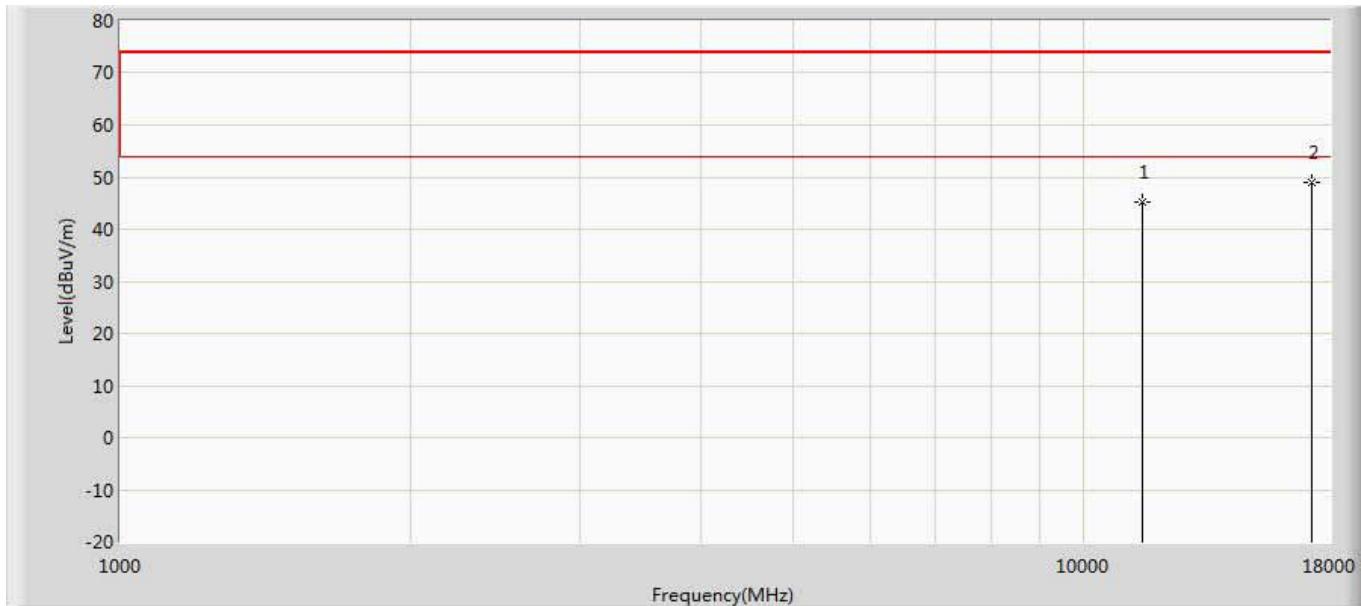
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	48.767	35.214	-25.233	74.000	13.552	PK
2	*	15720.000	51.863	31.589	-22.137	74.000	20.274	PK

Site:AC5	Time: 2017/06/07 - 15:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745MHz by 802.11ac20 ANT2	



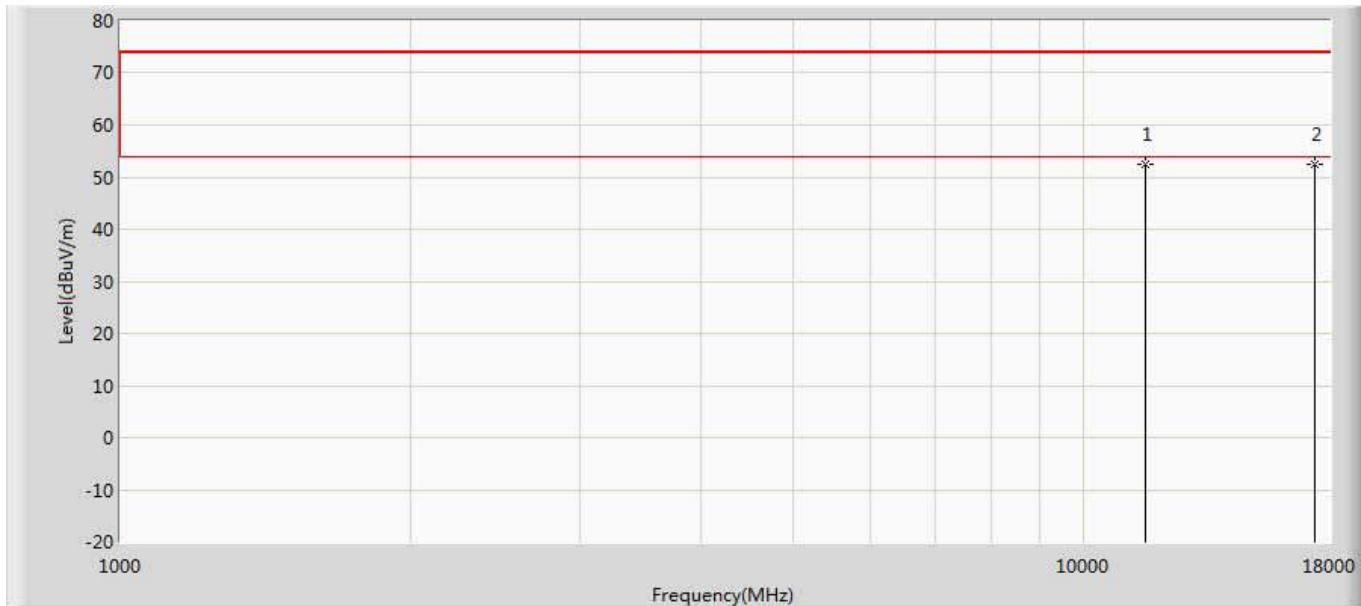
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.608	36.524	-22.392	74.000	15.084	PK
2	*	17235.000	52.111	32.632	-21.889	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5745MHz by 802.11ac20 ANT2	



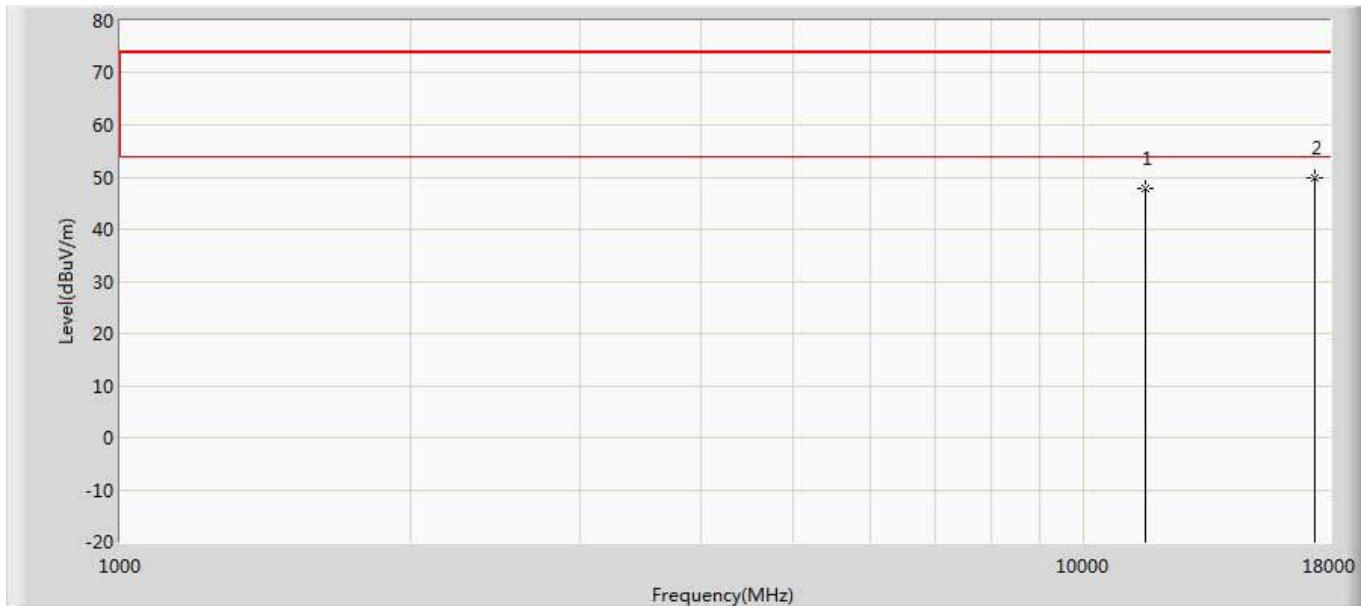
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.340	30.256	-28.660	74.000	15.084	PK
2	*	17235.000	49.020	29.541	-24.980	74.000	19.479	PK

Site:AC5	Time: 2017/06/07 - 15:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785MHz by 802.11ac20 ANT2	



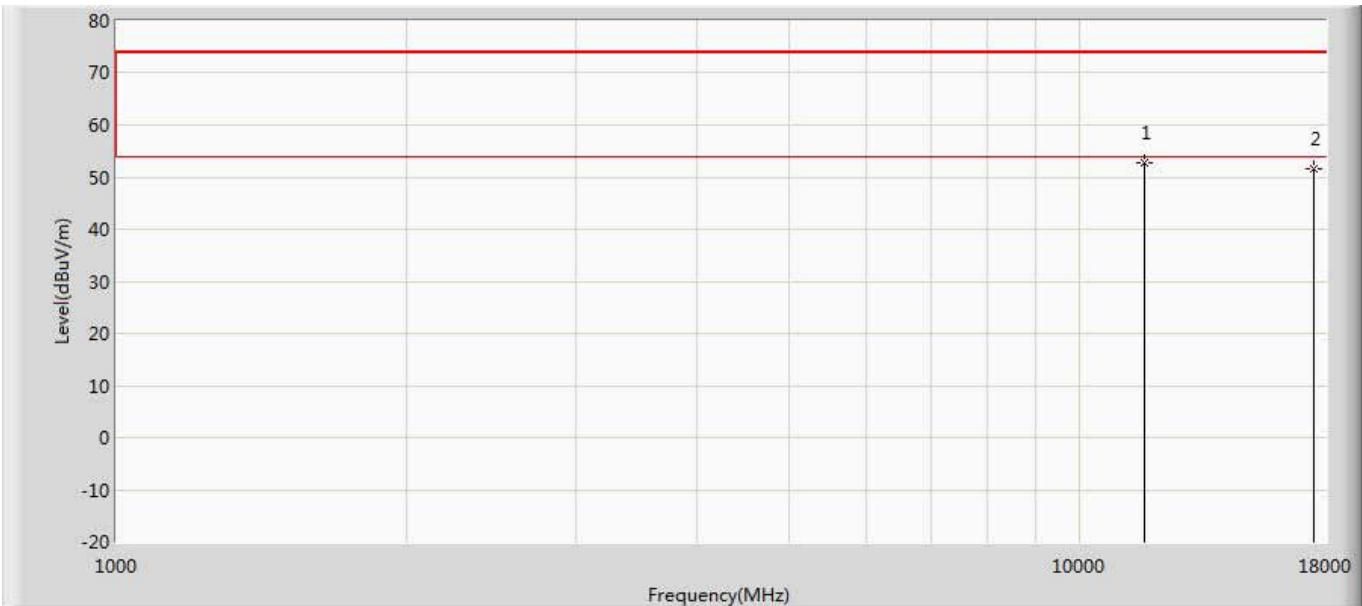
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.544	36.368	-21.456	74.000	16.177	PK
2	*	17355.000	52.598	32.014	-21.402	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5785MHz by 802.11ac20 ANT2	



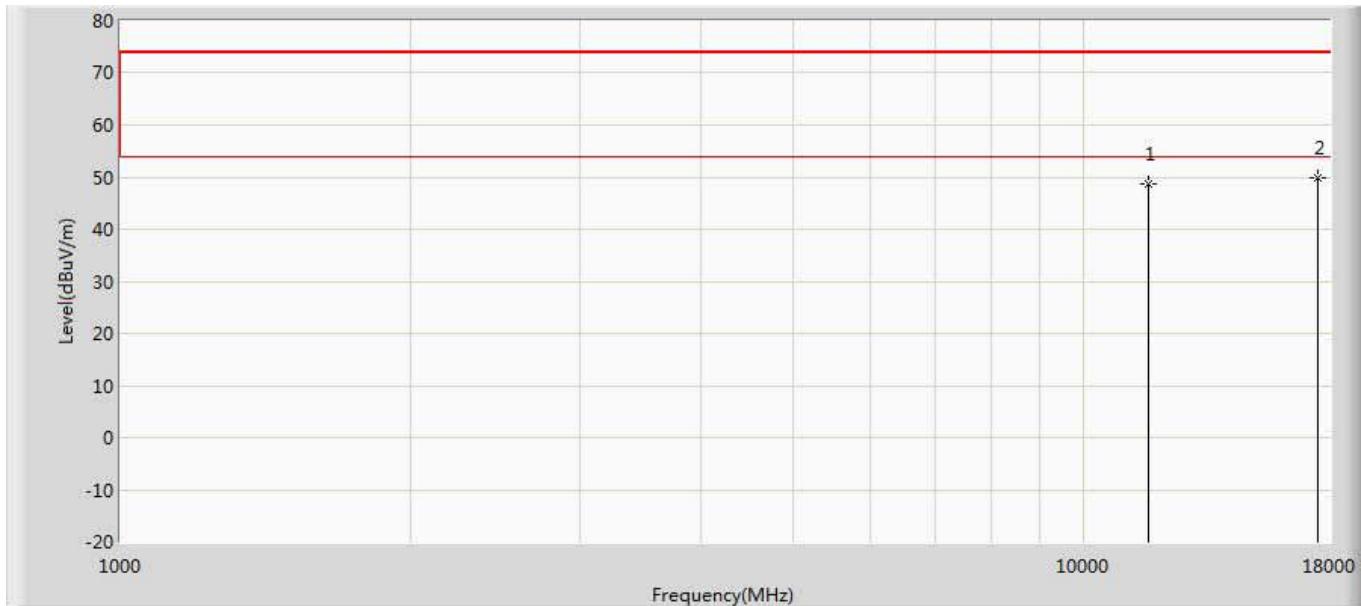
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	47.700	31.524	-26.300	74.000	16.177	PK
2	*	17355.000	49.825	29.241	-24.175	74.000	20.584	PK

Site:AC5	Time: 2017/06/07 - 15:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825MHz by 802.11ac20 ANT2	



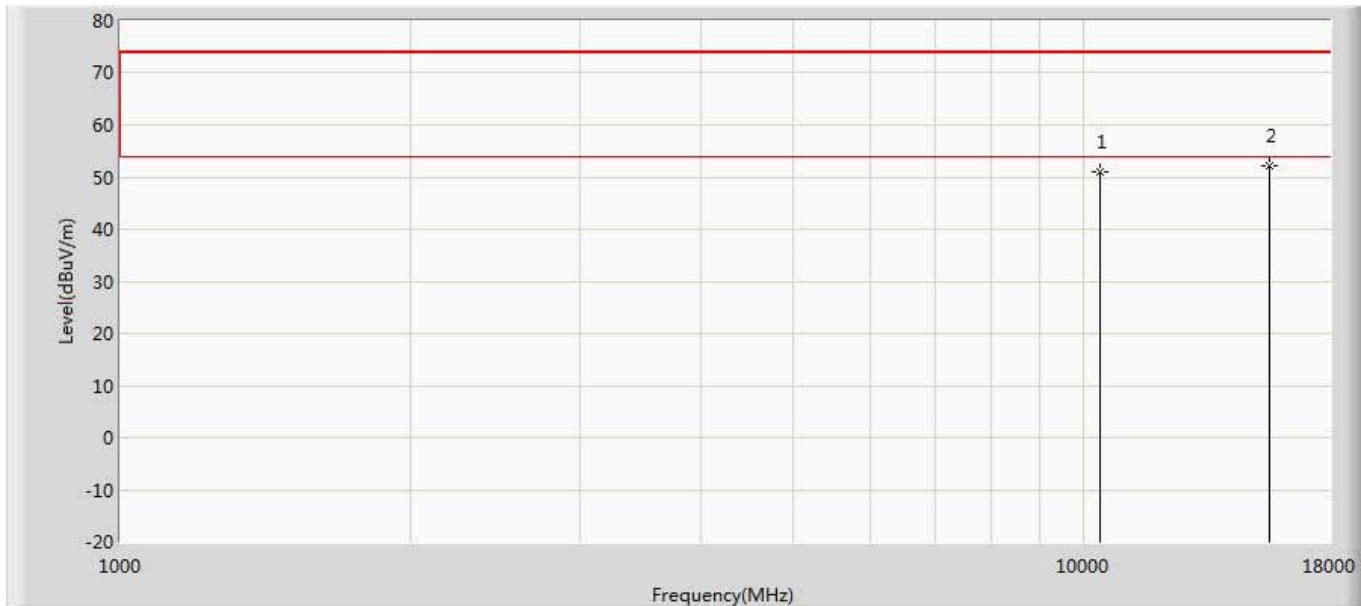
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	52.748	36.258	-21.252	74.000	16.490	PK
2		17475.000	51.731	31.524	-22.269	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 15:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at channel 5825MHz by 802.11ac20 ANT2	



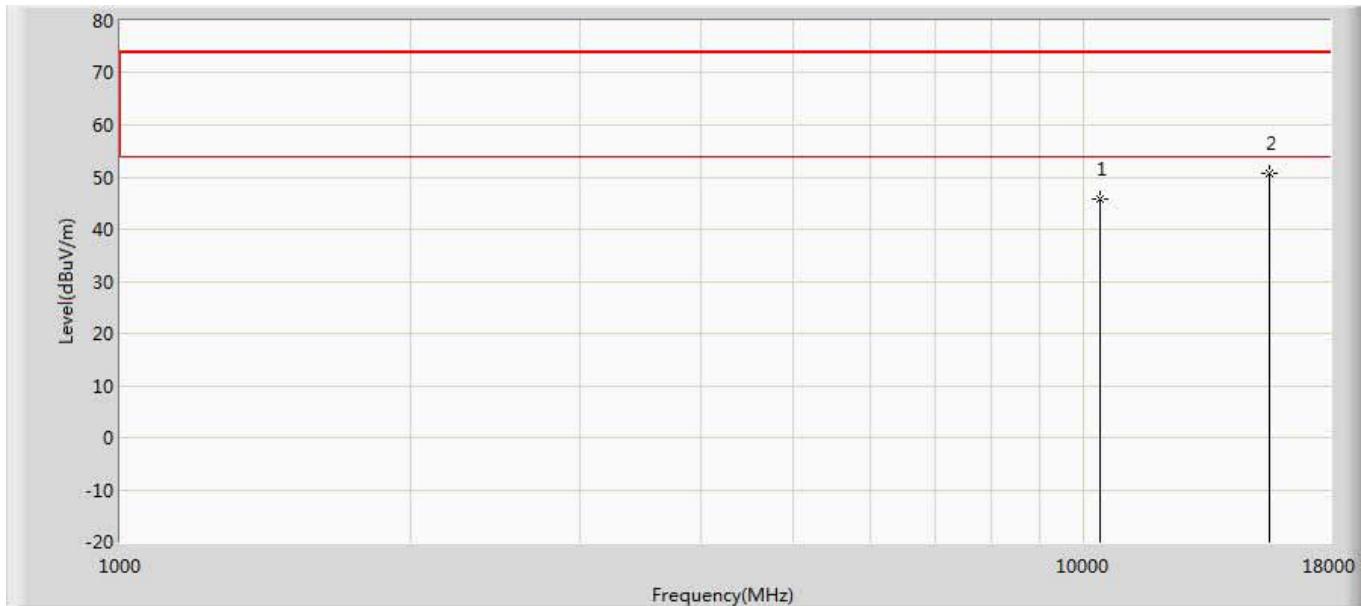
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	48.744	32.254	-25.256	74.000	16.490	PK
2	*	17475.000	49.748	29.541	-24.252	74.000	20.208	PK

Site:AC5	Time: 2017/06/07 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190MHz by 802.11ac40 ANT2	



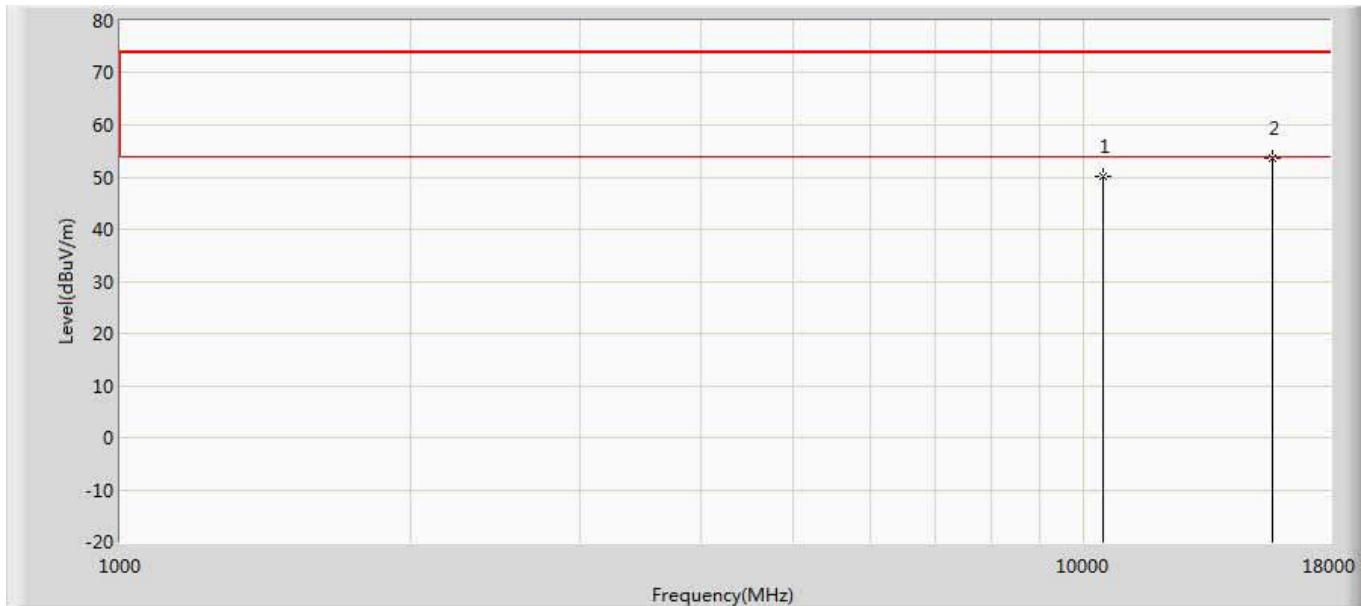
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	51.004	37.852	-22.996	74.000	13.152	PK
2	*	15570.000	52.235	32.694	-21.765	74.000	19.541	PK

Site:AC5	Time: 2017/06/07 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5190MHz by 802.11ac40 ANT2	



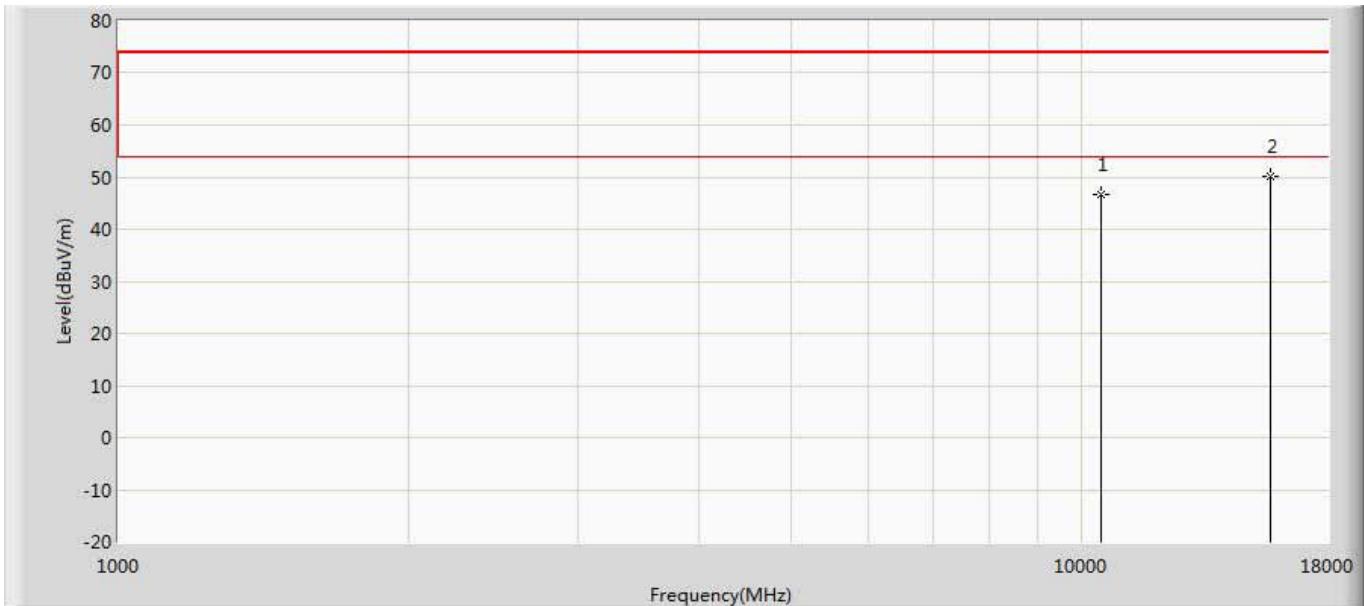
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.676	32.524	-28.324	74.000	13.152	PK
2	*	15570.000	50.593	31.052	-23.407	74.000	19.541	PK

Site:AC5	Time: 2017/06/07 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230MHz by 802.11ac40 ANT2	



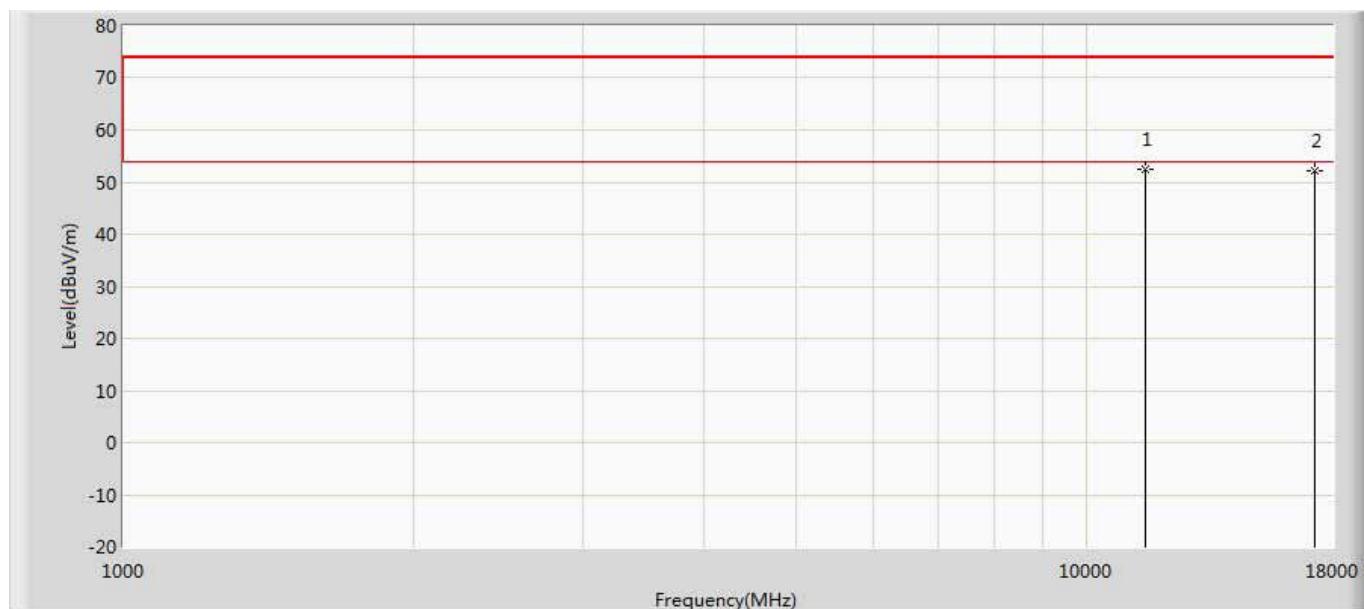
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.097	36.652	-23.903	74.000	13.445	PK
2	*	15690.000	53.519	33.210	-20.481	74.000	20.309	PK

Site:AC5	Time: 2017/06/07 - 14:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5230MHz by 802.11ac40 ANT2	



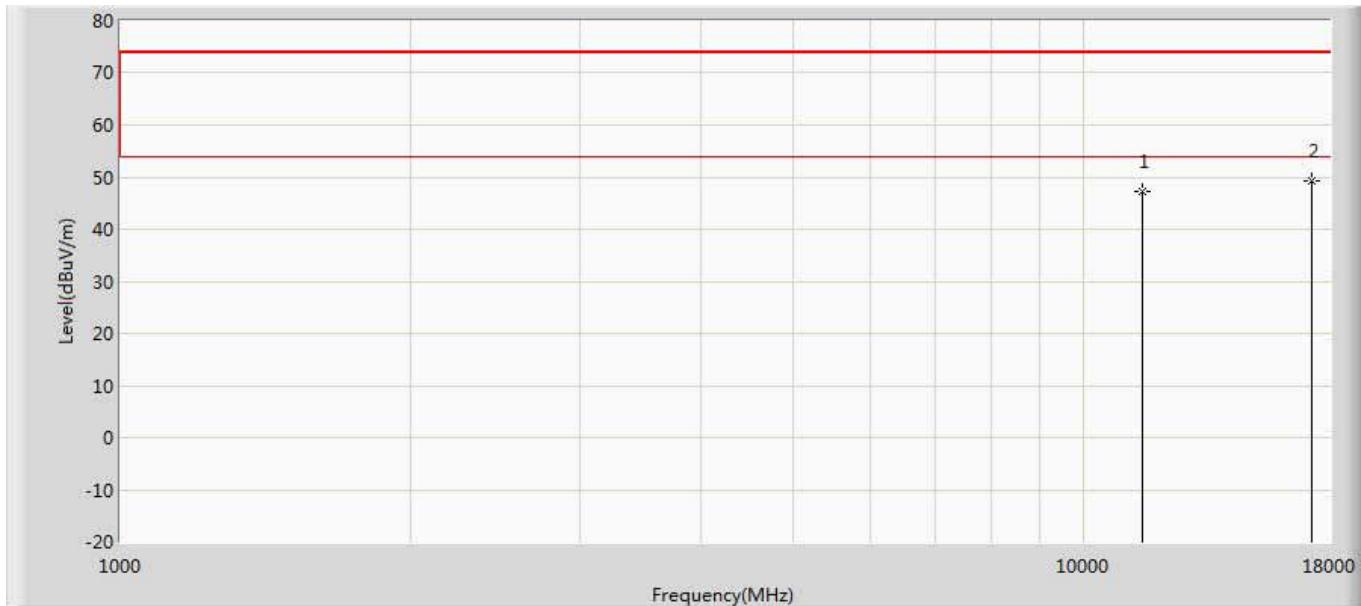
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	46.659	33.214	-27.341	74.000	13.445	PK
2	*	15690.000	50.163	29.854	-23.837	74.000	20.309	PK

Site:AC5	Time: 2017/06/07 - 15:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755MHz by 802.11ac40 ANT2	



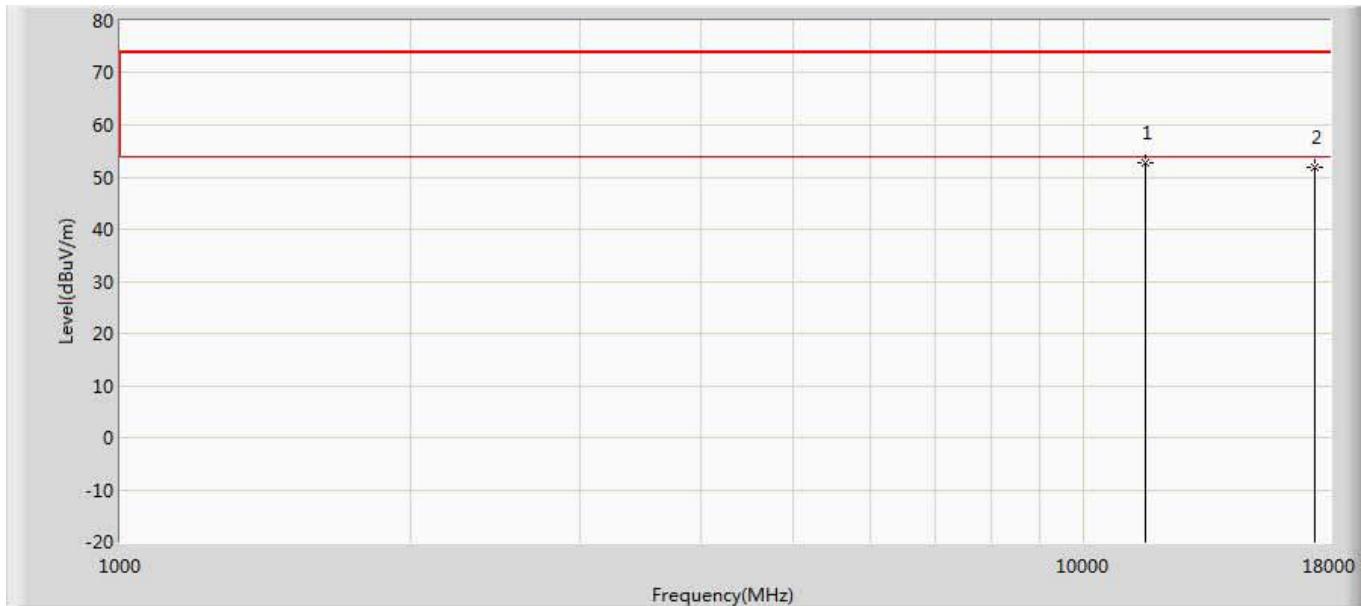
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	52.529	36.842	-21.471	74.000	15.687	PK
2		17265.000	52.172	31.524	-21.828	74.000	20.647	PK

Site:AC5	Time: 2017/06/07 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5755MHz by 802.11ac40 ANT2	



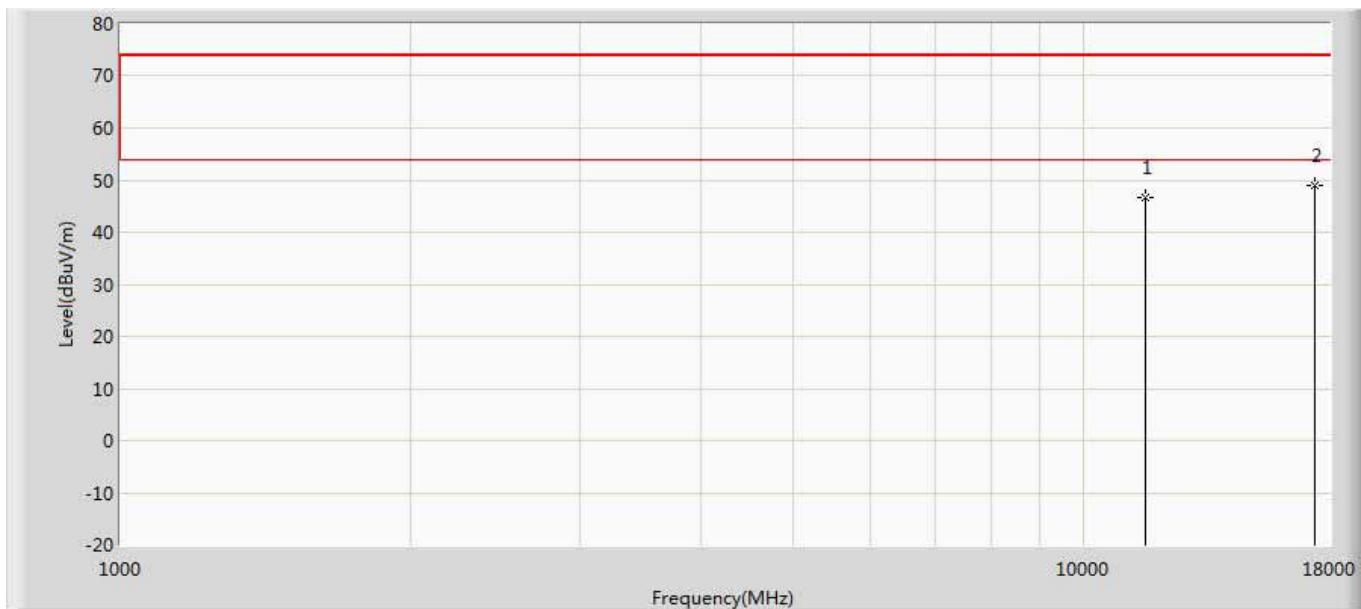
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.213	31.526	-26.787	74.000	15.687	PK
2	*	17265.000	49.269	28.621	-24.731	74.000	20.647	PK

Site:AC5	Time: 2017/06/07 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT2	



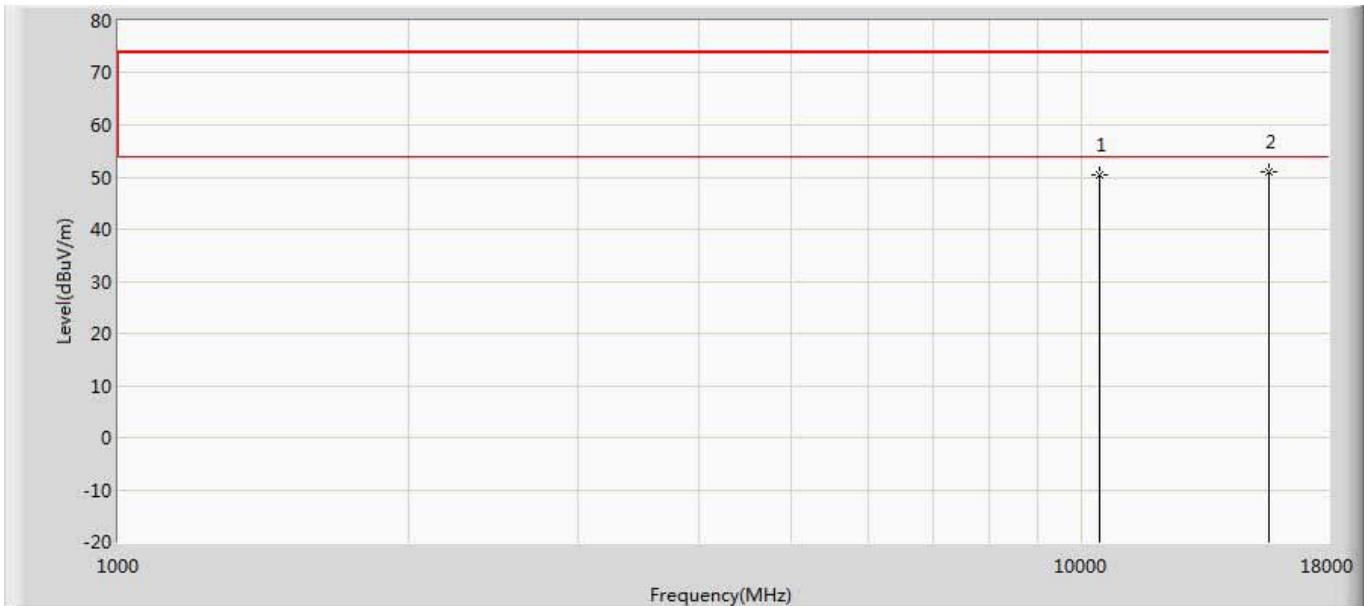
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	52.750	36.364	-21.250	74.000	16.385	PK
2		17385.000	51.833	31.241	-22.167	74.000	20.592	PK

Site:AC5	Time: 2017/06/07 - 16:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT2	



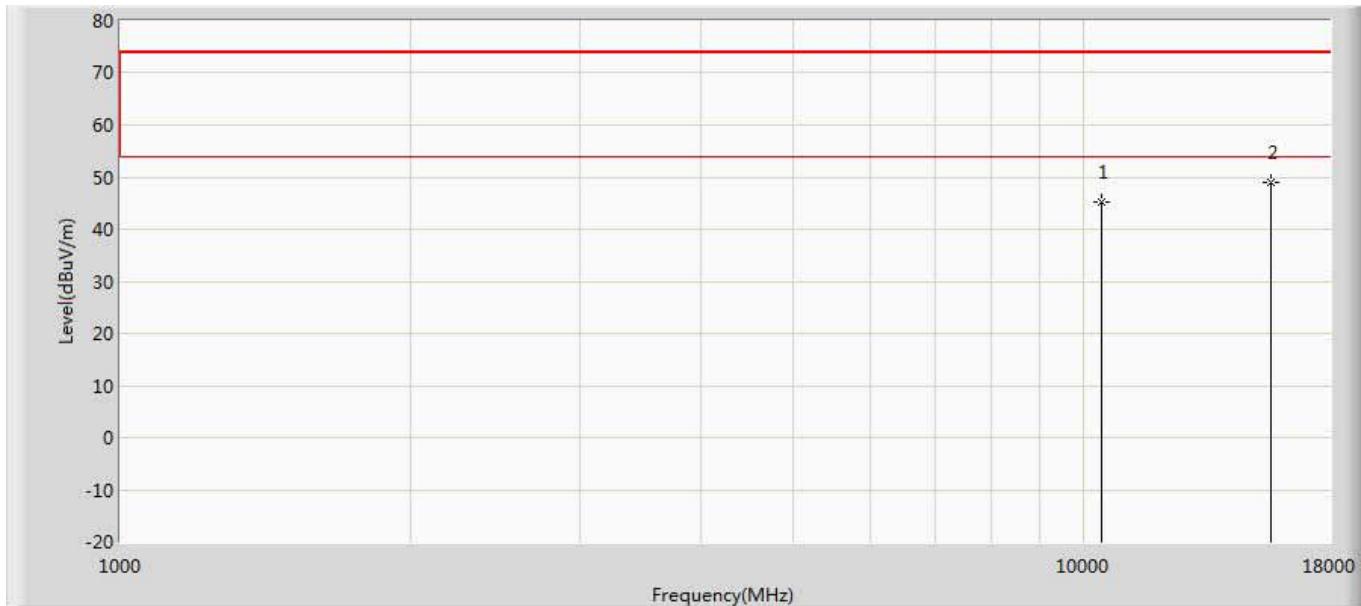
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	46.711	30.325	-27.289	74.000	16.385	PK
2	*	17385.000	49.063	28.471	-24.937	74.000	20.592	PK

Site:AC5	Time: 2017/06/07 - 14:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	50.318	37.252	-23.682	74.000	13.065	PK
2	*	15630.000	51.104	31.524	-22.896	74.000	19.581	PK

Site:AC5	Time: 2017/06/07 - 14:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	45.324	32.258	-28.676	74.000	13.065	PK
2	*	15630.000	48.992	29.412	-25.008	74.000	19.581	PK