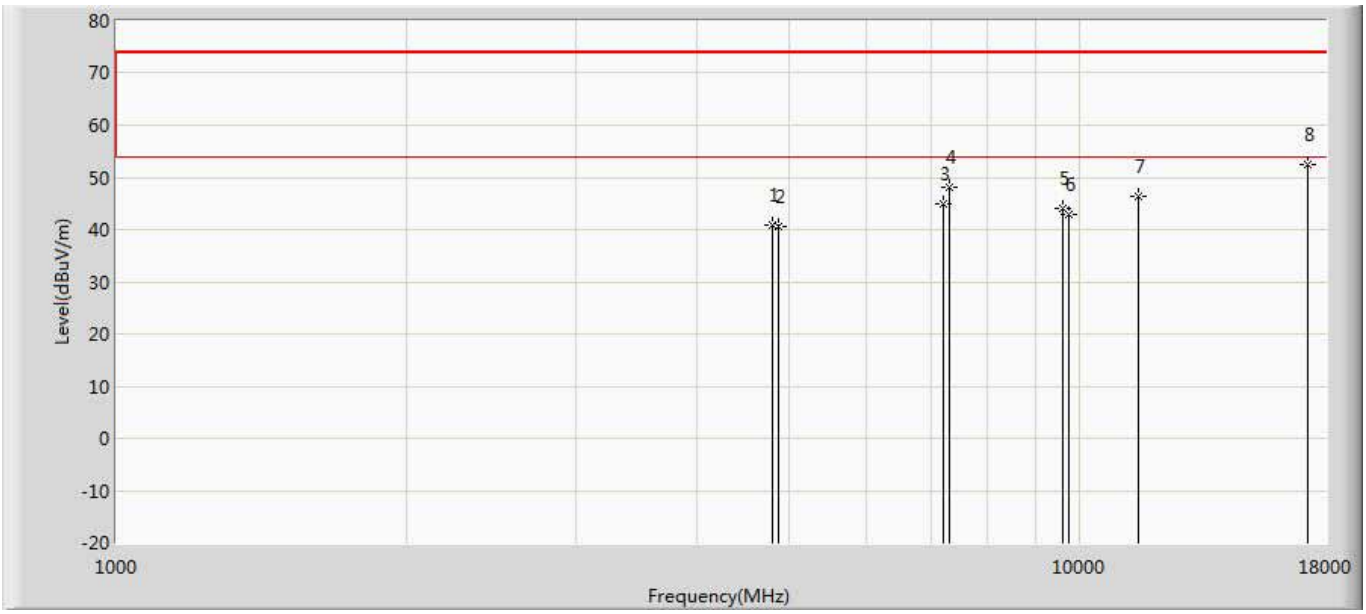
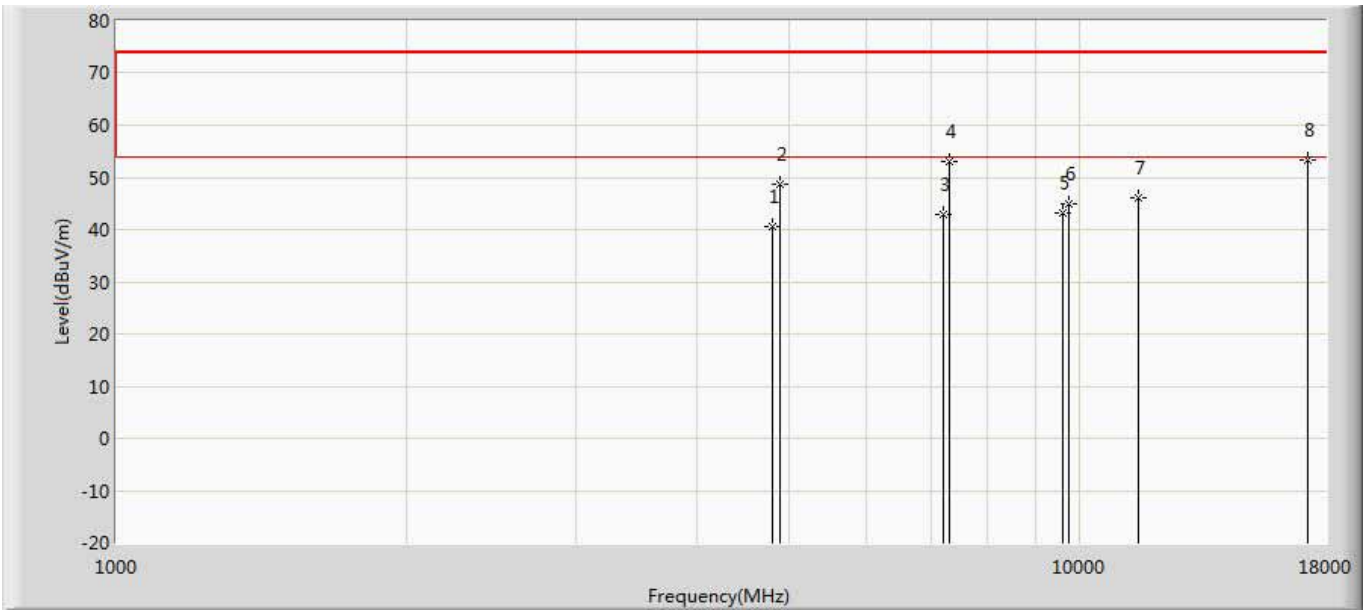
The worst case of Simultaneous transmission:

Engineer: Eric	
Site: AC5	Time: 2018/01/04 - 14:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Simultaneous transmission with WIFI(2.4G+5G)+BT	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.001	41.520	-32.999	74.000	-0.519	PK
2		4874.000	40.691	41.133	-33.309	74.000	-0.442	PK
3		7206.000	44.986	40.970	-29.014	74.000	4.016	PK
4		7315.000	48.078	44.187	-25.922	74.000	3.891	PK
5		9608.000	43.940	38.122	-30.060	74.000	5.817	PK
6		9748.000	42.862	37.861	-31.138	74.000	5.002	PK
7		11490.000	46.293	36.567	-27.707	74.000	9.726	PK
8	*	17235.000	52.597	34.178	-21.403	74.000	18.419	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/04 - 14:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Simultaneous transmission with WIFI(2.4G+5G)+BT	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.501	41.020	-33.499	74.000	-0.519	PK
2		4876.000	48.570	48.980	-25.430	74.000	-0.410	PK
3		7206.000	42.896	38.880	-31.104	74.000	4.016	PK
4		7315.000	53.001	49.110	-20.999	74.000	3.891	PK
5		9608.000	43.328	37.510	-30.672	74.000	5.817	PK
6		9748.000	45.061	40.060	-28.939	74.000	5.002	PK
7		11490.000	46.096	36.370	-27.904	74.000	9.726	PK
8	*	17235.000	53.245	34.826	-20.755	74.000	18.419	PK

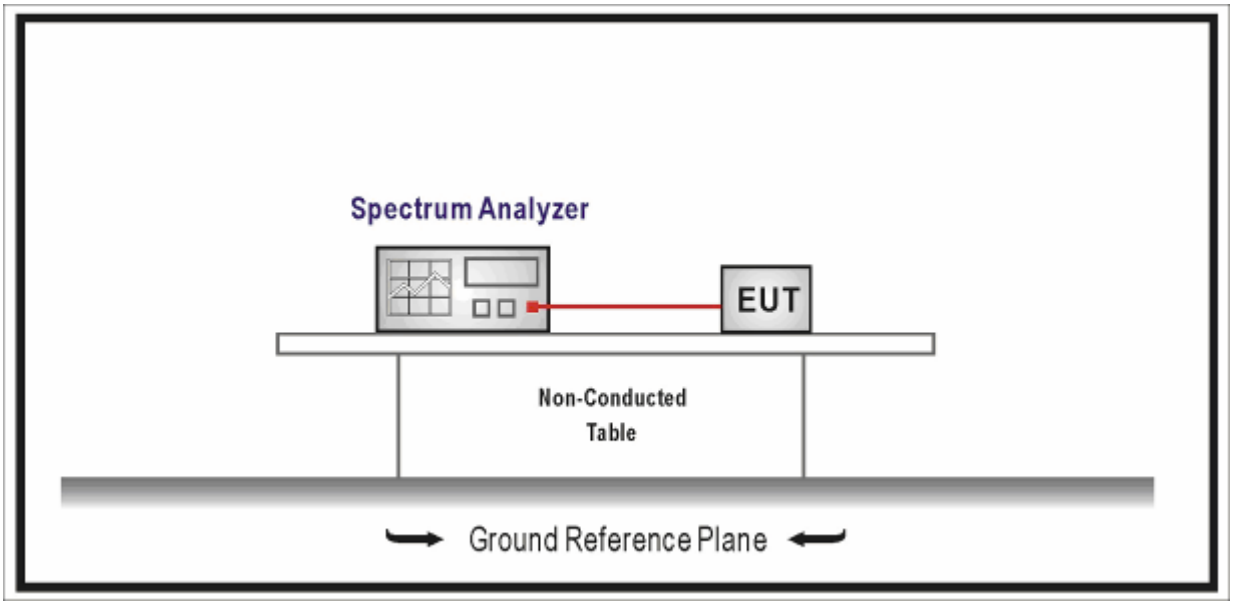
5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

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

5.2. Test Setup

Emission bandwidth and occupied bandwidth



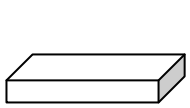
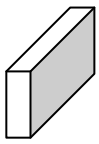
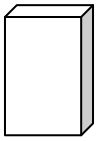
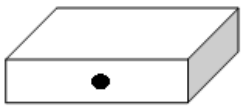
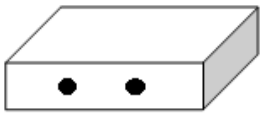
5.3. Limit

N/A

5.4. Test Procedure

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

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Occupied bandwidth</td></tr>
<tr><td rowspan="4">Device Category</td><td>☒</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use(Peer-to-peer)</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

5.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.01.30	Test Engineer	:	Eric

Mode 1: Transmit by 802.11a					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	22.75	17.045	5171.478	Pass
40	5220	30.00	17.977	N/A	Pass
48	5240	30.00	18.155	5249.078	Pass

Mode 2: Transmit by 802.11n(20MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	22.21	18.143	5170.929	Pass
40	5220	30.00	18.366	N/A	Pass
48	5240	29.95	18.501	5249.251	Pass

Mode 3: Transmit by 802.11n(40MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
38	5190	40.34	36.506	5171.747	Pass
46	5230	60.00	36.885	5248.443	Pass

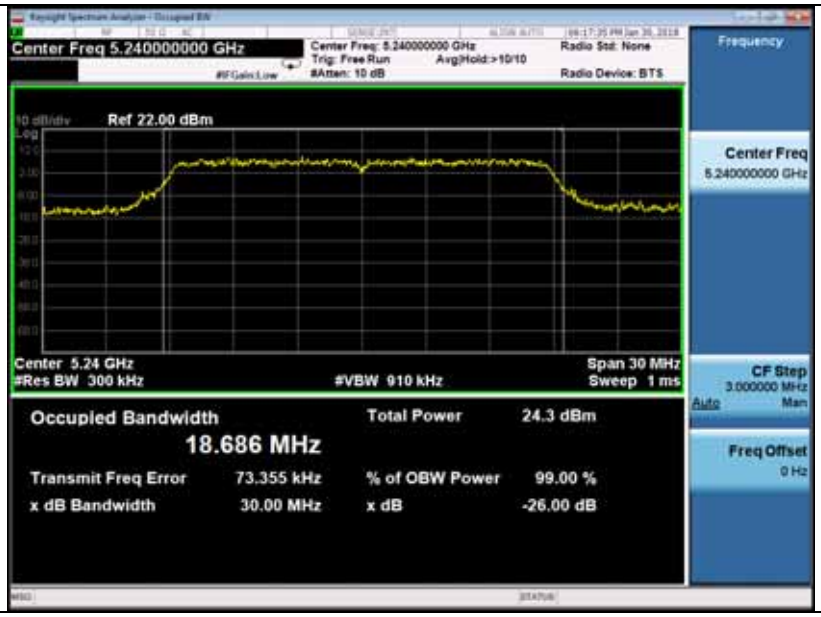
Mode 4: Transmit by 802.11ac(20MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	26.85	18.208	5170.896	Pass
40	5220	29.89	18.330	N/A	Pass
48	5240	30.00	18.686	5249.343	Pass

Mode 5: Transmit by 802.11ac(40MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
38	5190	40.20	36.458	5171.771	Pass
46	5230	59.95	36.799	5248.400	Pass

Mode 6: Transmit by 802.11ac(80MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
42	5210	81.40	75.943	5172.029/5247.972	Pass

The worst case of Occupied Bandwidth as below:

Mode 4: CH48 (5240MHz)



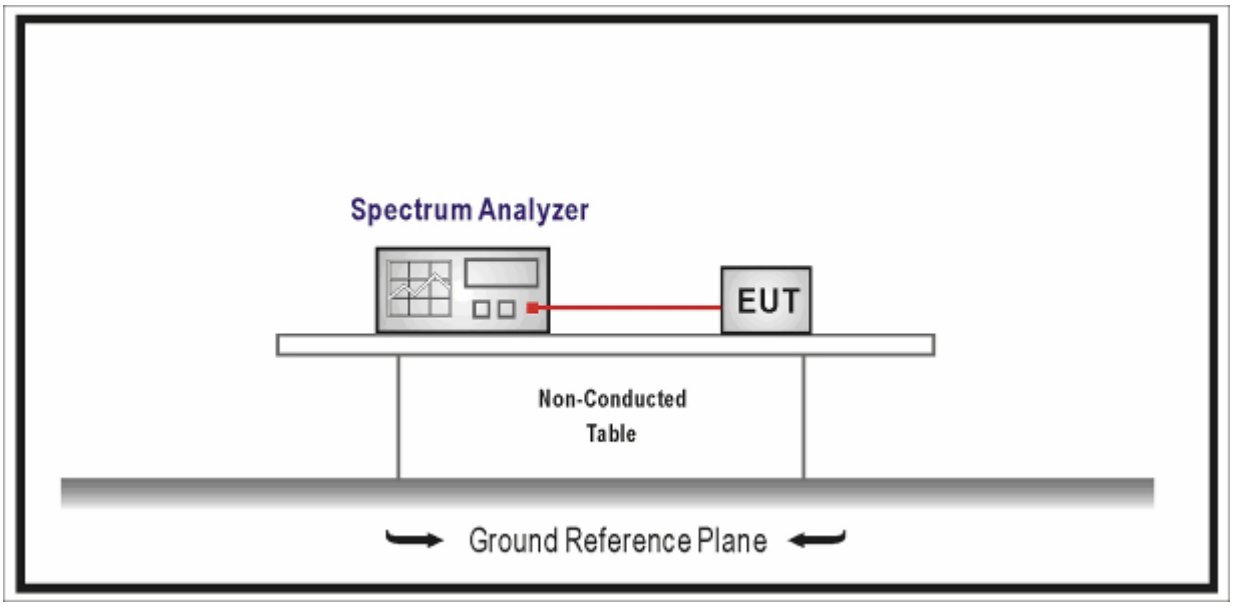
6. 6dB bandwidth

6.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.08
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup

6dB bandwidth



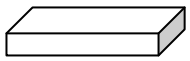
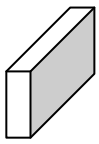
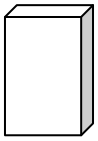
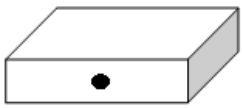
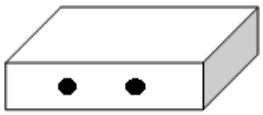
6.3. Limit

>500kHz

6.4. Test Procedure

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

6.5. EUT test Axis definition

Item	6dB bandwidth			
Device Category	☒	Indoor use		
	☐	Outdoor use		
	☐	Fix position use		
	☒	Client use(Peer-to-peer)		
Test mode	Mode 1-6			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☐	Chain 1		
				
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3
				

6.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.01.31	Test Engineer	:	Eric

Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	16.07	>500	Pass
157	5785	16.32		Pass
165	5825	16.39		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	17.58	>500	Pass
157	5785	17.61		Pass
165	5825	17.59		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
151	5755	36.39	>500	Pass
159	5795	36.37		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	17.30	>500	Pass
157	5785	17.56		Pass
165	5825	17.59		Pass

Mode 5: Transmit by 802.11ac(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
151	5755	36.31	>500	Pass
159	5795	36.34		Pass
Mode 6: Transmit by 802.11ac(80MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
155	5775	76.32	>500	Pass

The worst case of 6dB Bandwidth as below:

Mode 1: CH149 (5745MHz) Ant 1

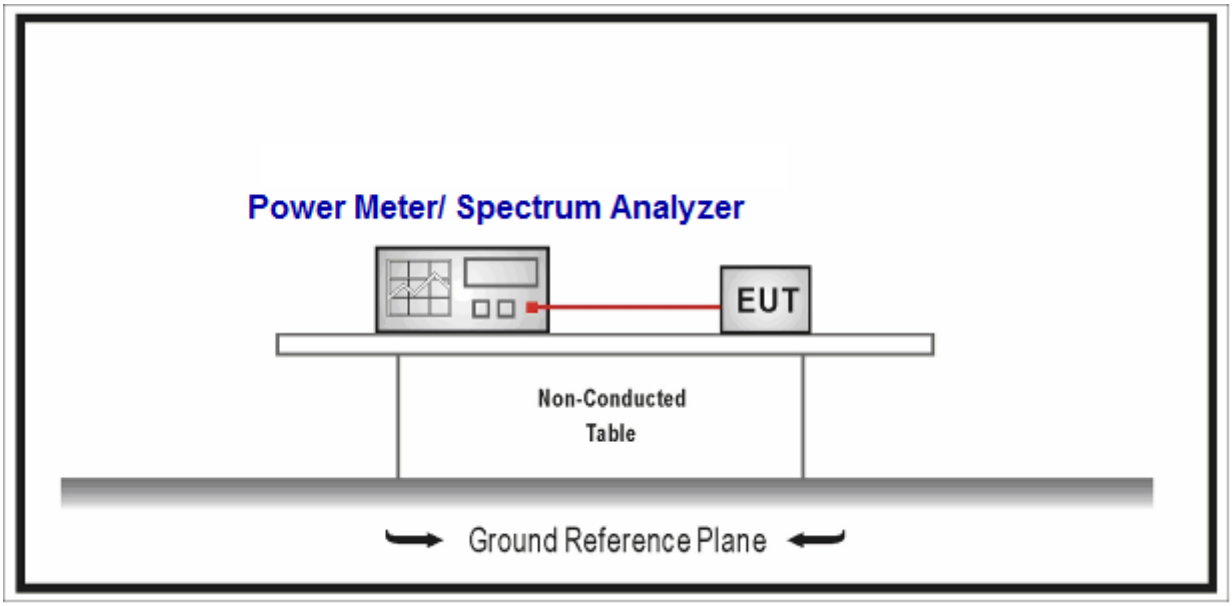
7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2018.01.04	2019.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2017.10.14	2018.10.13
Power Sensor	Anritsu	MA2411B	0846014	2017.10.14	2018.10.13
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2017.04.10	2018.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup

Power Output



7.3. Limit

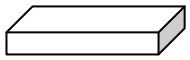
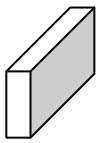
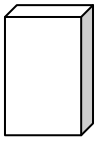
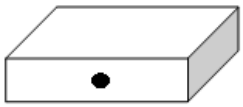
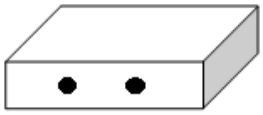
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then Pout≤30 - (G_{TX} - 6) and ≤125mW at any angle above 30 degrees
	☒	Indoor access point: the maximum conducted output power shall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

7.4. Test Procedure

Fundamental emission output power Test Method					
	References Rule			Chapter	Description
☒	ANSI C63.10			12.3	Maximum conducted output power
	☒	ANSI C63.10		12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐	ANSI C63.10	12.3.2.2	Method SA-1
		☐	ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒	ANSI C63.10	12.3.2.4	Method SA-2
		☐	ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐	ANSI C63.10	12.3.2.6	Method SA-3
		☐	ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10		12.3.3	Maximum conducted output power using a power meter
		☐	ANSI C63.10	12.3.3.1	Method PM
		☒	ANSI C63.10	12.3.3.2	Method PM-G

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

7.5. EUT test Axis definition

Item	Power Output			
Device Category	☒	Indoor use		
	☐	Outdoor use		
	☐	Fix position use		
	☒	Client use(Peer-to-peer)		
Test mode	Mode 1-6			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☐	Chain 1		
				
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3
				

7.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.01.30	Test Engineer	:	Eric

Mode 1: Transmit by 802.11a with SISO					
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	16.25	17.23	30.0	Pass
CH40	5200	18.20	19.40	30.0	Pass
CH44	5220	18.80	19.64	30.0	Pass
CH48	5240	18.83	19.63	30.0	Pass
CH149	5745	20.55	19.57	30.0	Pass
CH157	5785	20.01	19.66	30.0	Pass
CH165	5825	20.56	19.41	30.0	Pass

Mode 2: Transmit by 802.11n(20MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	16.01	17.01	30.0	Pass
CH40	5200	18.23	19.51	30.0	Pass
CH44	5220	19.13	19.72	30.0	Pass
CH48	5240	19.10	19.76	30.0	Pass
CH149	5745	20.56	20.32	30.0	Pass
CH157	5785	20.53	20.18	30.0	Pass
CH165	5825	20.41	20.25	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH38	5190	14.80	14.86	30.0	Pass
CH46	5230	17.91	18.65	30.0	Pass
CH151	5755	20.01	19.48	30.0	Pass
CH159	5795	20.11	20.41	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	16.21	17.54	30.0	Pass
CH40	5200	18.51	19.13	30.0	Pass
CH44	5220	19.13	19.91	30.0	Pass
CH48	5240	19.12	19.83	30.0	Pass
CH149	5745	20.53	19.51	30.0	Pass
CH157	5785	20.63	20.16	30.0	Pass
CH165	5825	20.64	20.05	30.0	Pass
Mode 5: Transmit by 802.11ac(40MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH38	5190	14.32	14.71	30.0	Pass
CH46	5230	18.56	19.33	30.0	Pass
CH151	5755	20.12	19.54	30.0	Pass
CH159	5795	20.02	20.31	30.0	Pass
Mode 6: Transmit by 802.11ac(80MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH42	5210	14.91	15.04	30.0	Pass
CH155	5775	17.72	14.11	30.0	Pass

Mode 1: Transmit by 802.11a with MiMO						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	15.79	15.81	18.81	30.0	Pass
CH40	5200	17.61	17.77	20.70	30.0	Pass
CH44	5220	18.55	19.84	22.25	30.0	Pass
CH48	5240	18.62	19.71	22.21	30.0	Pass
CH149	5745	20.20	19.57	22.91	30.0	Pass
CH157	5785	20.27	19.88	23.09	30.0	Pass
CH165	5825	20.21	19.80	23.02	30.0	Pass

Mode 2: Transmit by 802.11n(20MHz) with MiMO						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	15.91	15.87	18.90	30.0	Pass
CH40	5200	17.59	17.67	20.64	30.0	Pass
CH44	5220	18.76	19.66	22.24	30.0	Pass
CH48	5240	18.67	19.56	22.15	30.0	Pass
CH149	5745	20.40	19.62	23.04	30.0	Pass
CH157	5785	20.38	19.57	23.00	30.0	Pass
CH165	5825	20.23	19.91	23.08	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz) with MiMO						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	14.08	14.19	17.15	30.0	Pass
CH46	5230	17.77	18.00	20.90	30.0	Pass
CH151	5755	18.77	19.54	22.18	30.0	Pass
CH159	5795	20.04	20.23	23.15	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz) with with MiMO						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	15.81	15.92	18.88	30.0	Pass
CH40	5200	17.43	17.60	20.53	30.0	Pass
CH44	5220	18.68	19.78	22.28	30.0	Pass
CH48	5240	18.75	19.73	22.28	30.0	Pass
CH149	5745	19.81	19.57	22.70	30.0	Pass
CH157	5785	20.02	19.76	22.90	30.0	Pass
CH165	5825	19.95	20.01	22.99	30.0	Pass
Mode 5: Transmit by 802.11ac(40MHz) with MiMO						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	13.60	13.65	16.64	30.0	Pass
CH46	5230	18.45	19.20	21.85	30.0	Pass
CH151	5755	19.44	19.88	22.68	30.0	Pass
CH159	5795	19.63	20.05	22.86	30.0	Pass
Mode 6: Transmit by 802.11ac(80MHz) with MiMO						
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH42	5210	13.01	13.14	16.09	30.0	Pass
CH155	5775	15.02	14.97	18.01	30.0	Pass

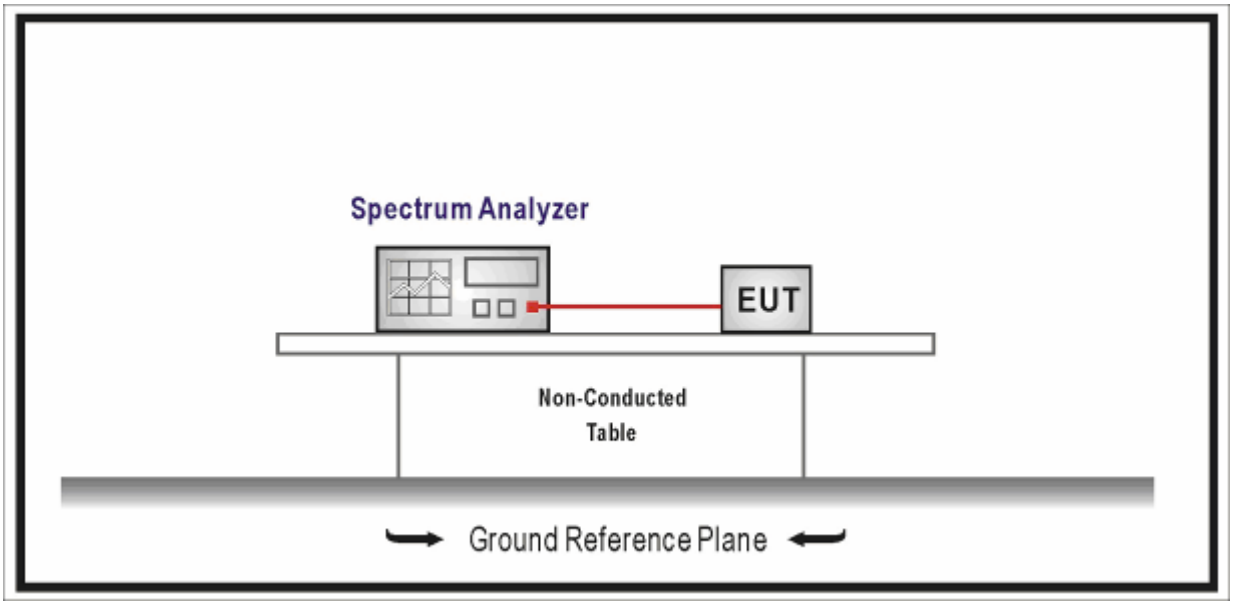
8. Peak Power Spectral Density

8.1. Test Equipment

Peak Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.08
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup

Peak Power Spectral Density



8.3. Limit

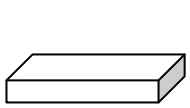
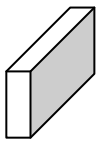
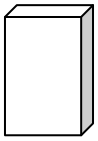
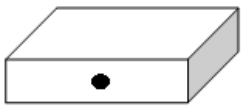
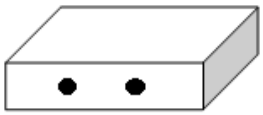
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☒	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi,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

8.4. Test Procedure

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

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

8.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="4">Device Category</td><td>☒</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use(Peer-to-peer)</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="11">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

8.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.01.10	Test Engineer	:	Eric

Mode 1: Transmit by 802.11a with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH36	5180	4.352	5.468	17	Pass
CH44	5220	6.927	7.761	17	Pass
CH48	5240	7.154	7.798	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH149	5745	4.787	4.901	30	Pass
CH157	5785	5.649	4.464	30	Pass
CH165	5825	5.581	5.422	30	Pass

Mode 2: Transmit by 802.11n(20MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH36	5180	3.535	5.075	17	Pass
CH44	5220	7.041	7.948	17	Pass
CH48	5240	7.363	8.354	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH149	5745	4.734	4.723	30	Pass
CH157	5785	4.641	4.391	30	Pass
CH165	5825	5.089	4.987	30	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH38	5190	-0.126	-0.565	17	Pass
CH46	5230	3.876	5.194	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH151	5755	2.053	1.268	30	Pass
CH159	5795	2.259	2.200	30	Pass

Mode 4: Transmit by 802.11ac(20MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH36	5180	3.649	4.361	17	Pass
CH44	5220	7.406	8.195	17	Pass
CH48	5240	7.740	8.693	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH149	5745	4.838	4.920	30	Pass
CH157	5785	4.748	4.655	30	Pass
CH165	5825	5.257	5.446	30	Pass

Mode 5: Transmit by 802.11ac(40MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH38	5190	-0.020	0.165	17	Pass
CH46	5230	3.472	5.350	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH151	5755	2.386	1.737	30	Pass
CH159	5795	2.572	2.447	30	Pass

Mode 6: Transmit by 802.11ac(80MHz) with SISO					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant1	Ant2		
CH42	5210	-4.522	-4.580	17	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant1	Ant2		
CH155	5775	-3.304	-5.663	30	Pass
Note 1: Duty factor=10*log(1/duty cycle) Note 2: Measurement Power Spectral=Reading Value + Duty factor The worst case of PSD(SISO) as below:					

Mode 4 CH48 (5240MHz) Ant 2

Mode 1: Transmit by 802.11a with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	3.922	3.979	6.961	8.5	14.5	Pass
CH44	5220	6.658	6.192	9.442	8.5	14.5	Pass
CH48	5240	6.987	6.872	9.940	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH149	5745	4.975	5.034	8.015	8.5	27.5	Pass
CH157	5785	5.023	4.757	7.902	8.5	27.5	Pass
CH165	5825	5.325	5.469	8.408	8.5	27.5	Pass

Mode 2: Transmit by 802.11n(20MHz) with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	3.402	3.496	6.460	8.5	14.5	Pass
CH44	5220	7.996	8.158	11.088	8.5	14.5	Pass
CH48	5240	7.950	8.274	11.125	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH149	5745	4.838	4.678	7.769	8.5	27.5	Pass
CH157	5785	3.703	4.482	7.120	8.5	27.5	Pass
CH165	5825	4.225	4.989	7.634	8.5	27.5	Pass

Mode 3: Transmit by 802.11n(40MHz) with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-1.128	-1.154	1.869	8.5	14.5	Pass
CH46	5230	3.076	3.634	6.374	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH151	5755	1.114	1.434	4.287	8.5	27.5	Pass
CH159	5795	1.415	1.630	4.534	8.5	27.5	Pass

Mode 4: Transmit by 802.11ac(20MHz) with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	3.718	3.763	6.751	8.5	14.5	Pass
CH44	5220	8.317	8.236	11.287	8.5	14.5	Pass
CH48	5240	7.214	8.019	10.645	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH149	5745	5.006	4.900	7.964	8.5	27.5	Pass
CH157	5785	4.914	4.674	7.806	8.5	27.5	Pass
CH165	5825	5.006	4.674	7.853	8.5	27.5	Pass

Mode 5: Transmit by 802.11ac(40MHz) with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-0.782	-0.907	2.166	8.5	14.5	Pass
CH46	5230	3.184	3.176	6.190	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH151	5755	0.855	0.992	3.934	8.5	27.5	Pass
CH159	5795	2.488	2.109	5.313	8.5	27.5	Pass

Mode 6: Transmit by 802.11ac(80MHz) with MIMO							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH42	5210	-5.237	-5.525	-2.368	8.5	14.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Power Spectral Density (dBm/500KHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH155	5775	-6.178	-6.178	-3.168	8.5	27.5	Pass

Note 1: The PSD limit should be reduced if the directional gain is higher than 6dBi, the reduced value should be (directional gain - 6dB).

Note 2: Duty factor=10*log(1/dutu cycle)

Note 3: Measurement Power Spectral Density=Reading value + Duty factor

The worst case of PSD(MIMO) as below:

Mode 4 CH44 (5220MHz) Ant 1

Mode 4 CH44 (5220MHz) Ant 2

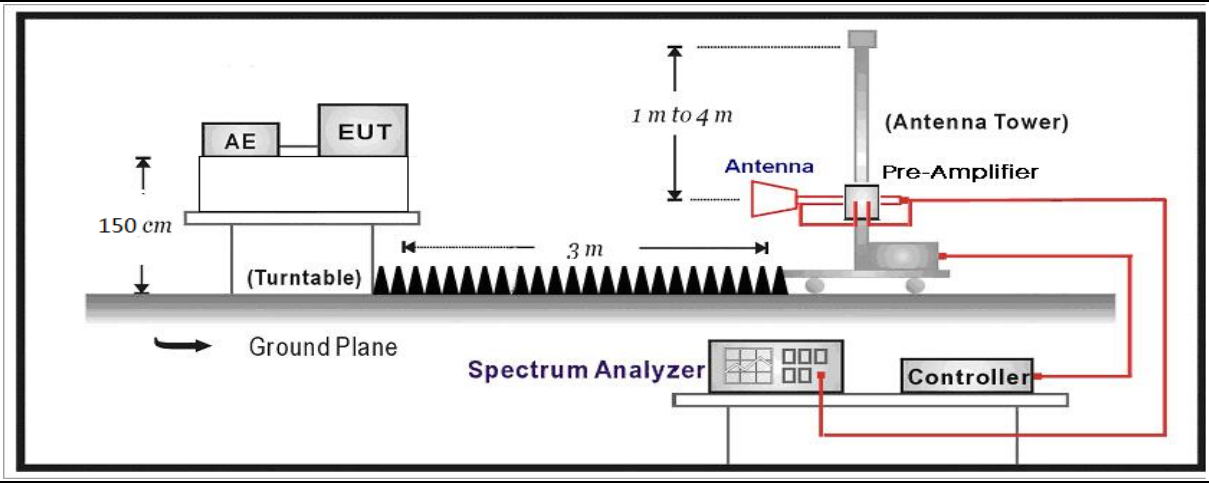
9. Radiated Emission Band Edge

9.1. Test Equipment

Radiated Emission Band Edge / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2017.07.16	2018.07.15
Pre-Amplifier	Miteq	NSP1800-25	1364185	2017.05.03	2018.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2017.07.12	2018.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2017.09.18	2018.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.02.28	2018.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.02.28	2018.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2018.01.05	2019.01.04
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

9.2. Test Setup

Above 1GHz Test Setup:



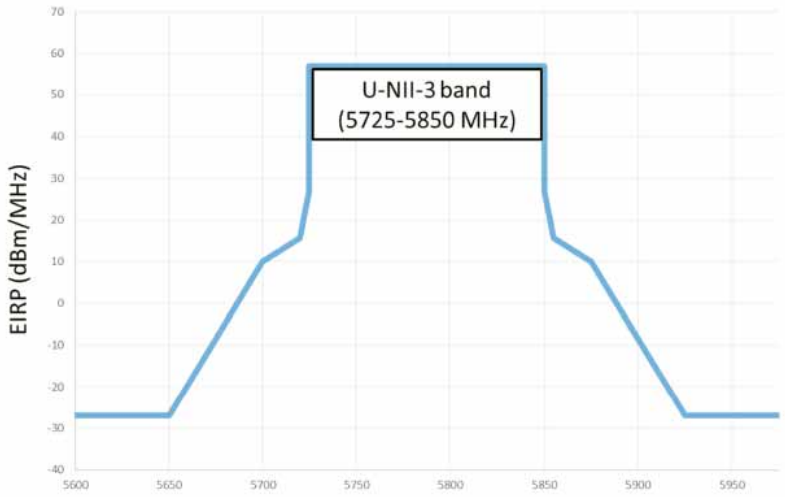
9.3. Limit

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

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

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

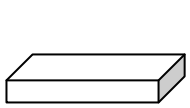
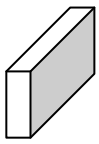
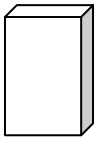
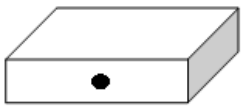
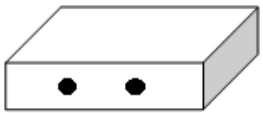
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975–12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675–12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850		

9.4. Test Procedure

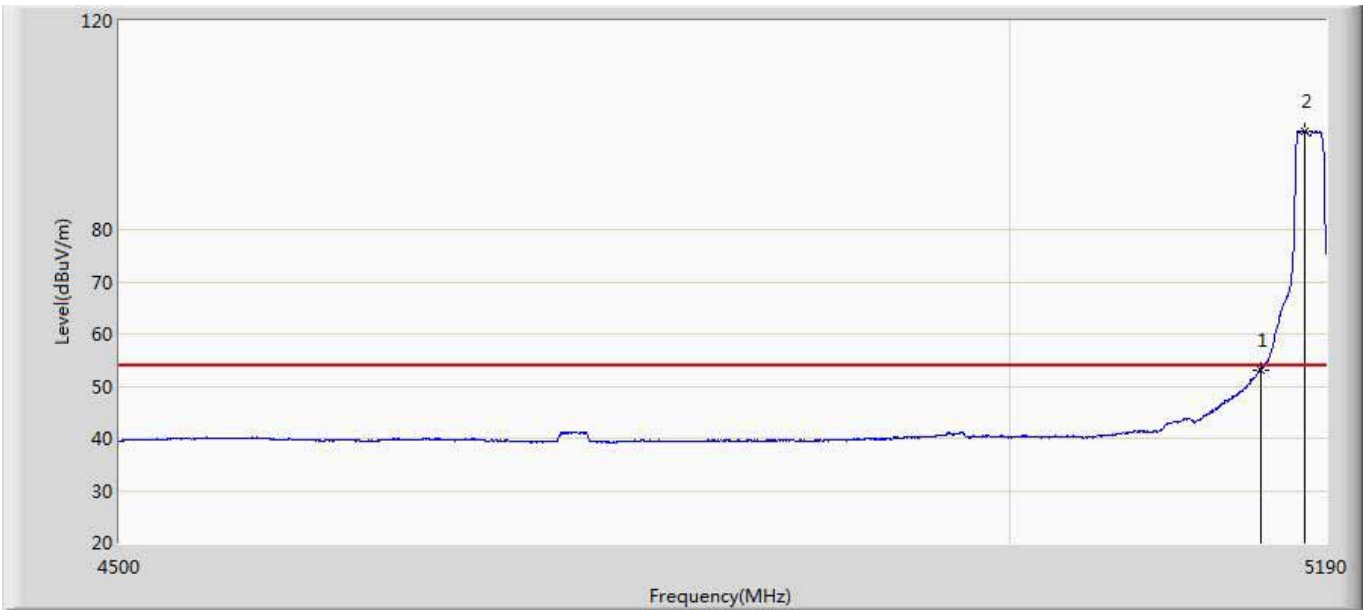
Test Method					
	References Rule			Chapter	Description
☐	ANSI C63.10			12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10			12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10		12.7.5	Radiated emission measurements
	☒	ANSI C63.10		12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10		12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
		☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
		☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	ANSI C63.10		6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒	ANSI C63.10		6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☒	ANSI C63.10		6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v01r04			G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r04			G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r04		G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r04		G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r04		G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
		☐	FCC KDB 789033 D02v01r04	G.6.c	Method AD (Average detection)—primary method
		☐	FCC KDB 789033 D02v01r04	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

9.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="4">Device Category</td><td>☒</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use(Peer-to-peer)</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="11">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

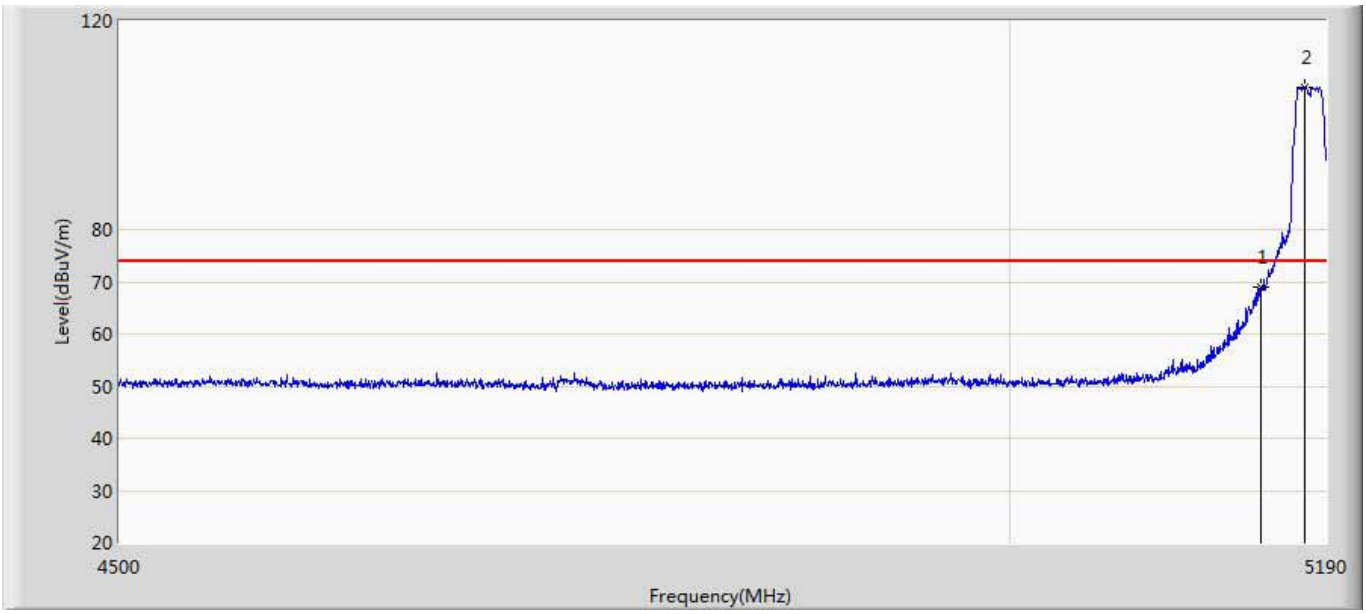
9.6. Test Result

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 15:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1	



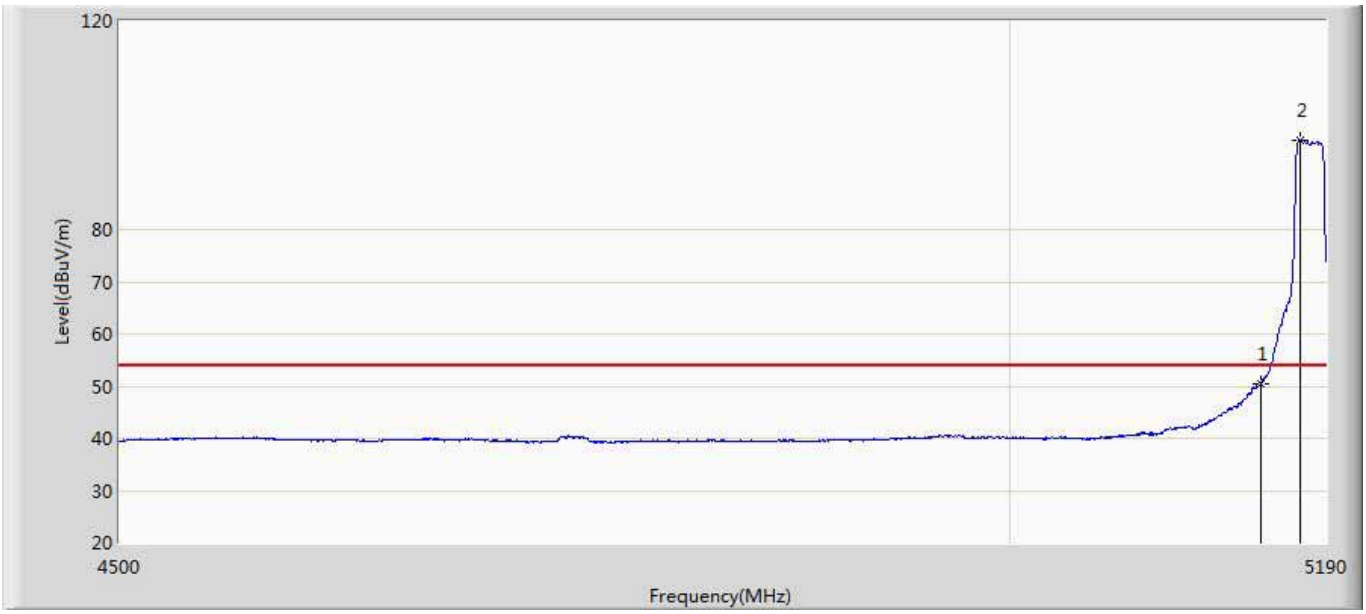
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.074	13.540	-0.926	54.000	39.534	AV
2	*	5176.890	98.860	59.267	44.860	54.000	39.594	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1	



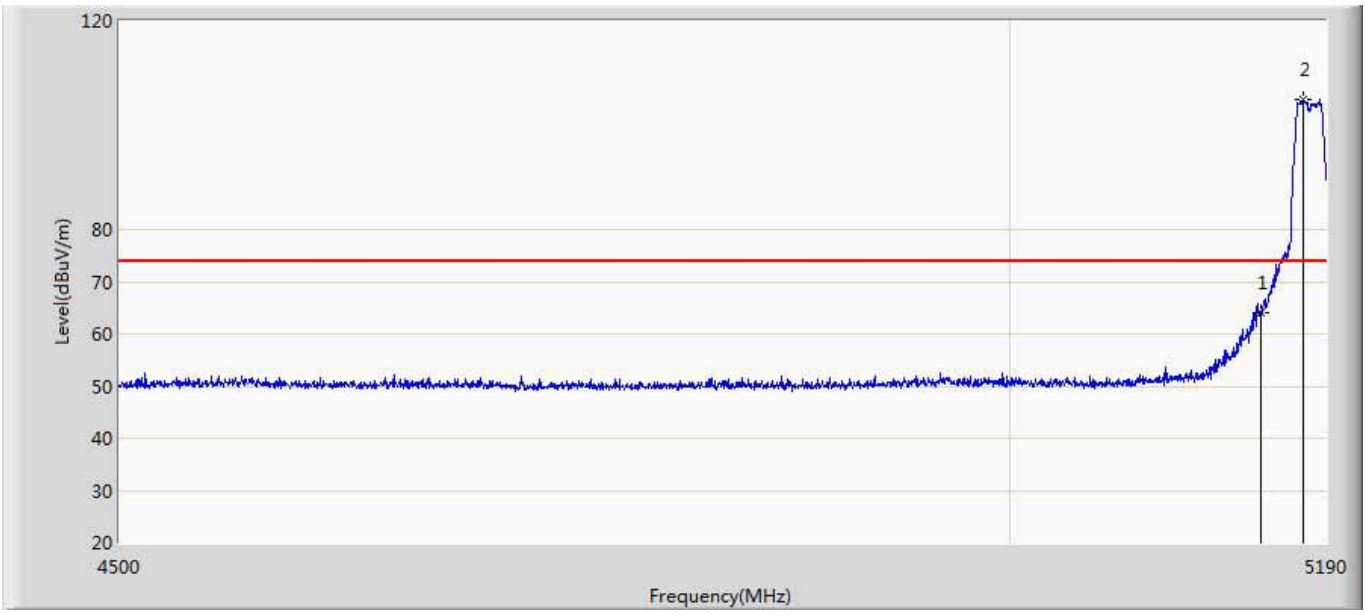
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.059	29.525	-4.941	74.000	39.534	PK
2	*	5176.890	107.138	67.545	33.138	74.000	39.594	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1	



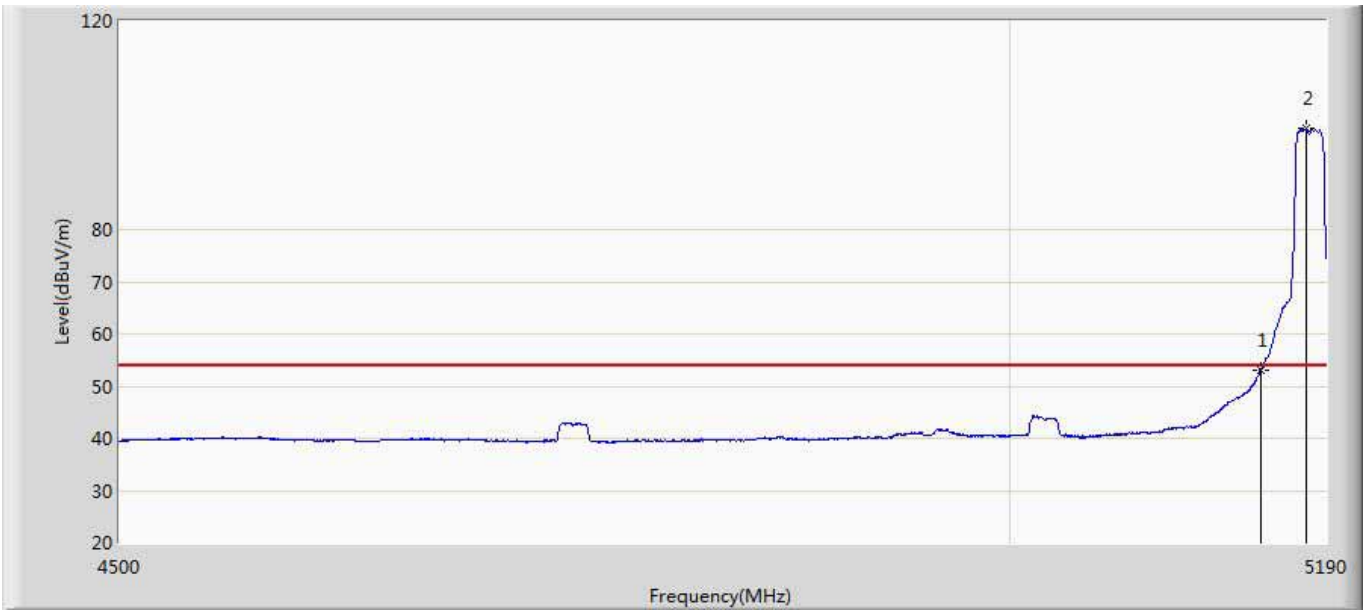
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.397	10.863	-3.603	54.000	39.534	AV
2	*	5174.130	97.181	57.566	43.181	54.000	39.615	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1	



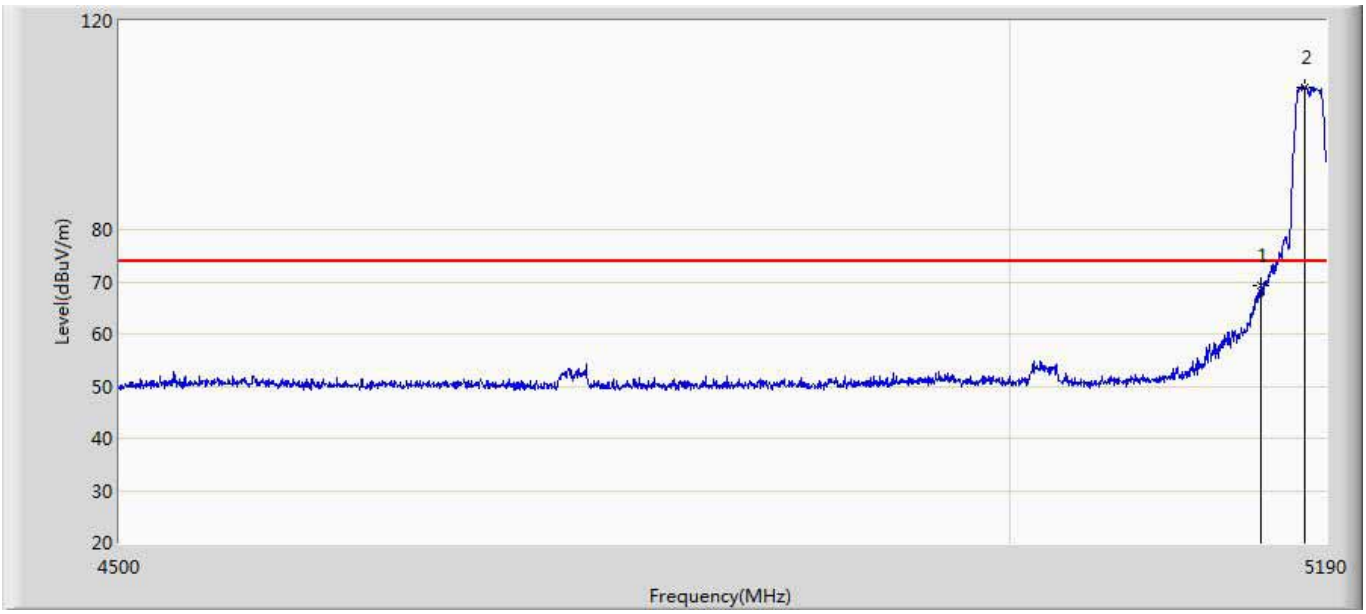
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.032	24.498	-9.968	74.000	39.534	PK
2	*	5175.855	104.862	65.261	30.862	74.000	39.602	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant2	



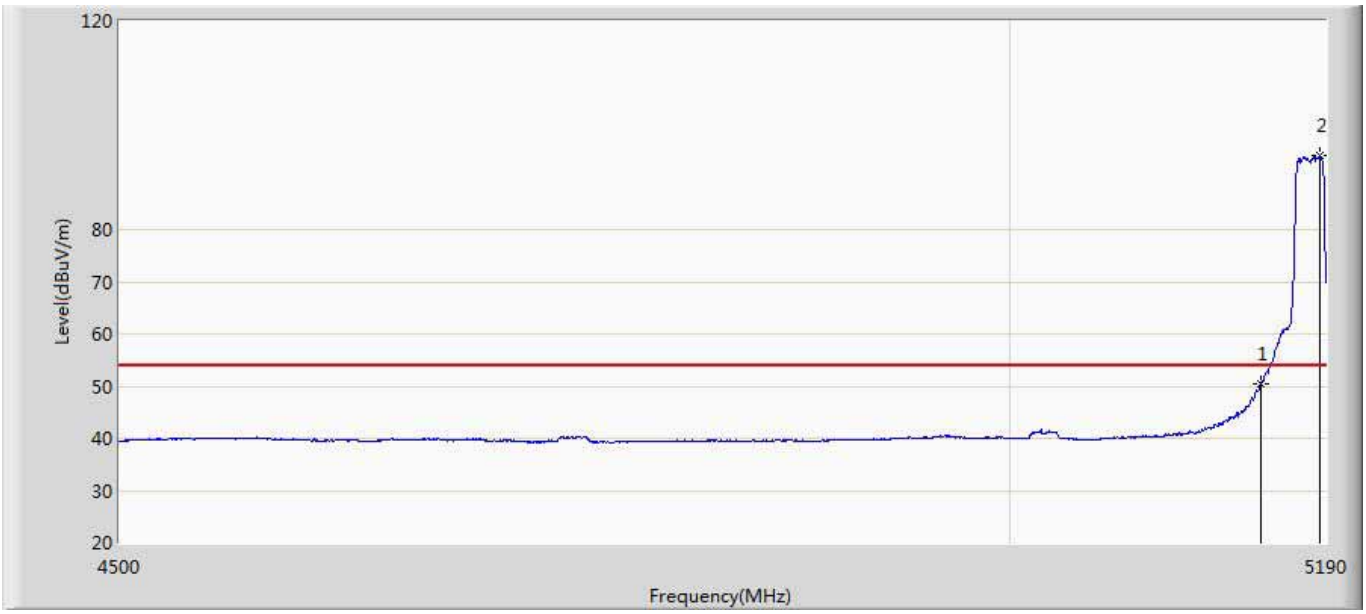
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.059	13.525	-0.941	54.000	39.534	AV
2	*	5178.270	99.369	59.786	45.369	54.000	39.582	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant2	



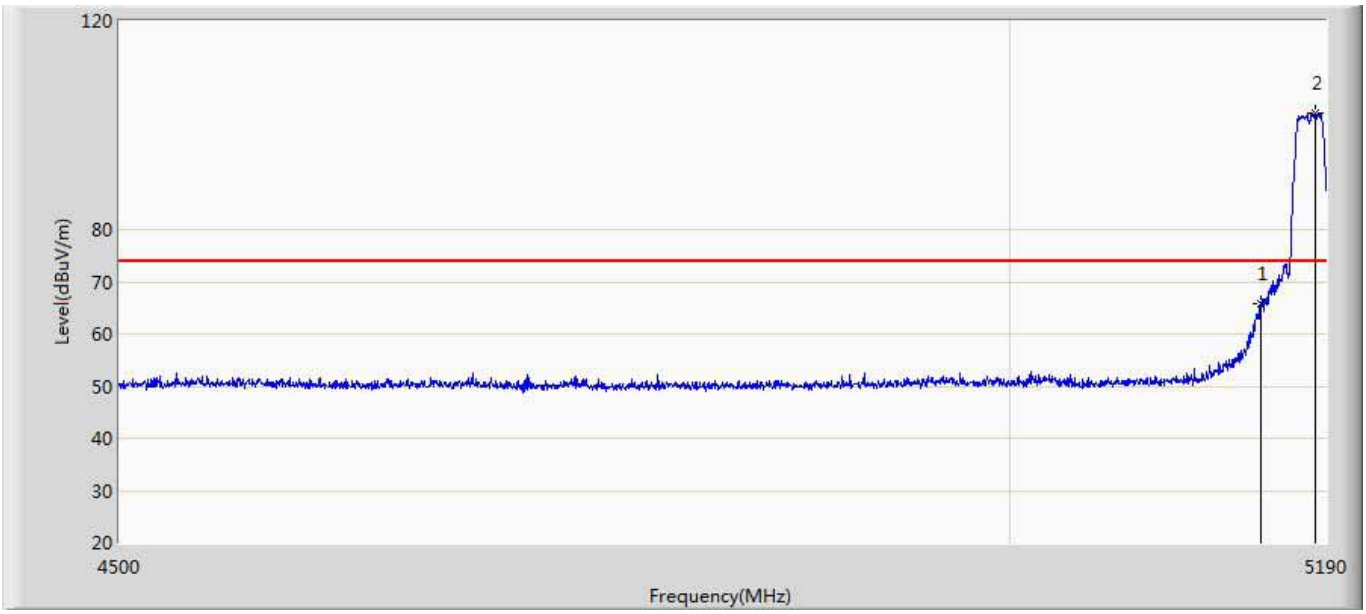
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.310	29.776	-4.690	74.000	39.534	PK
2	*	5177.235	107.342	67.751	33.342	74.000	39.591	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant2	



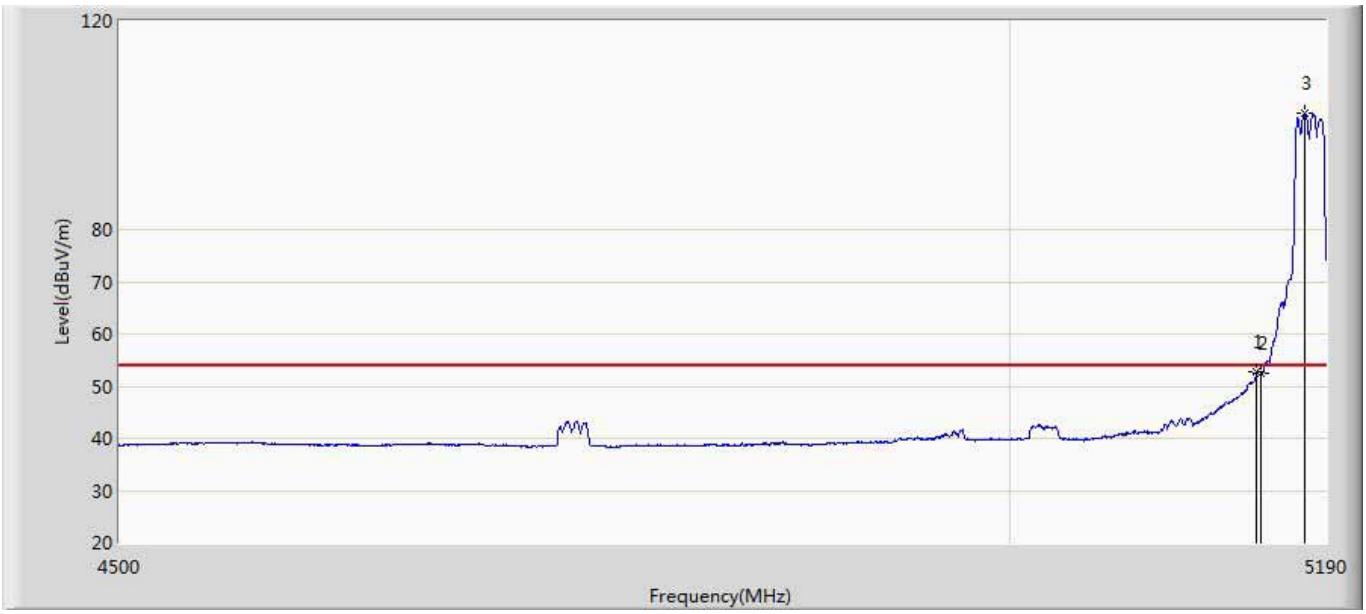
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.357	10.823	-3.643	54.000	39.534	AV
2	*	5185.860	94.101	54.512	40.101	54.000	39.589	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant2	



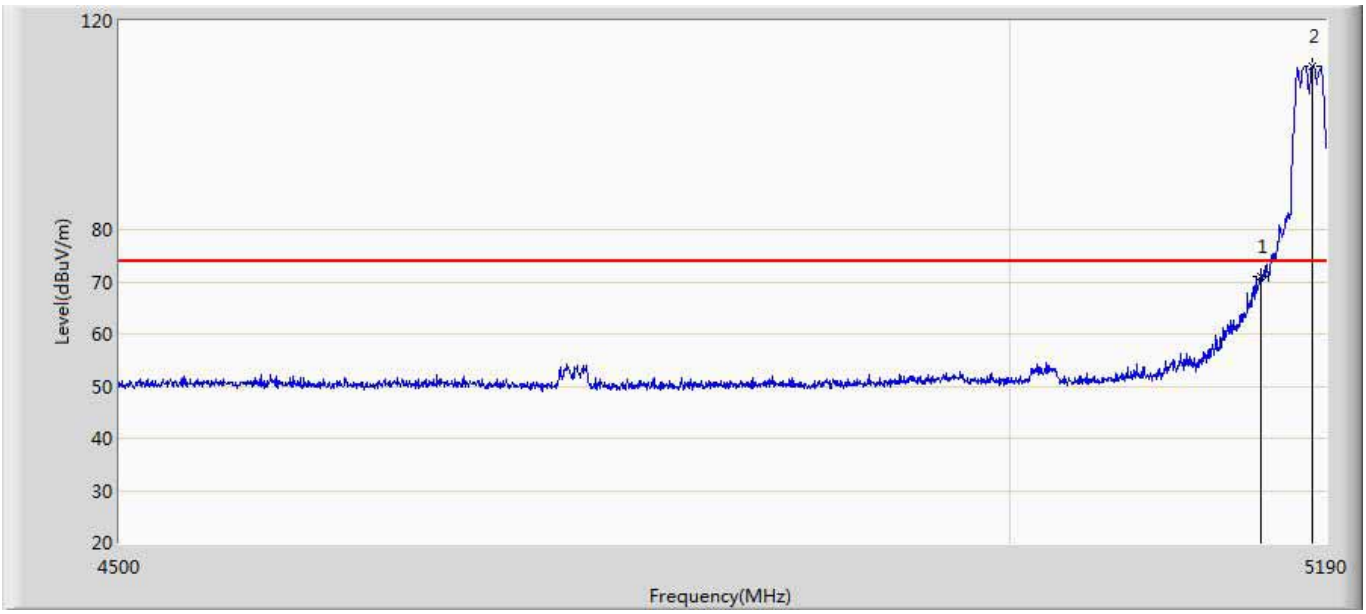
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.747	26.213	-8.253	74.000	39.534	PK
2	*	5183.100	102.260	62.696	28.260	74.000	39.564	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1+2	



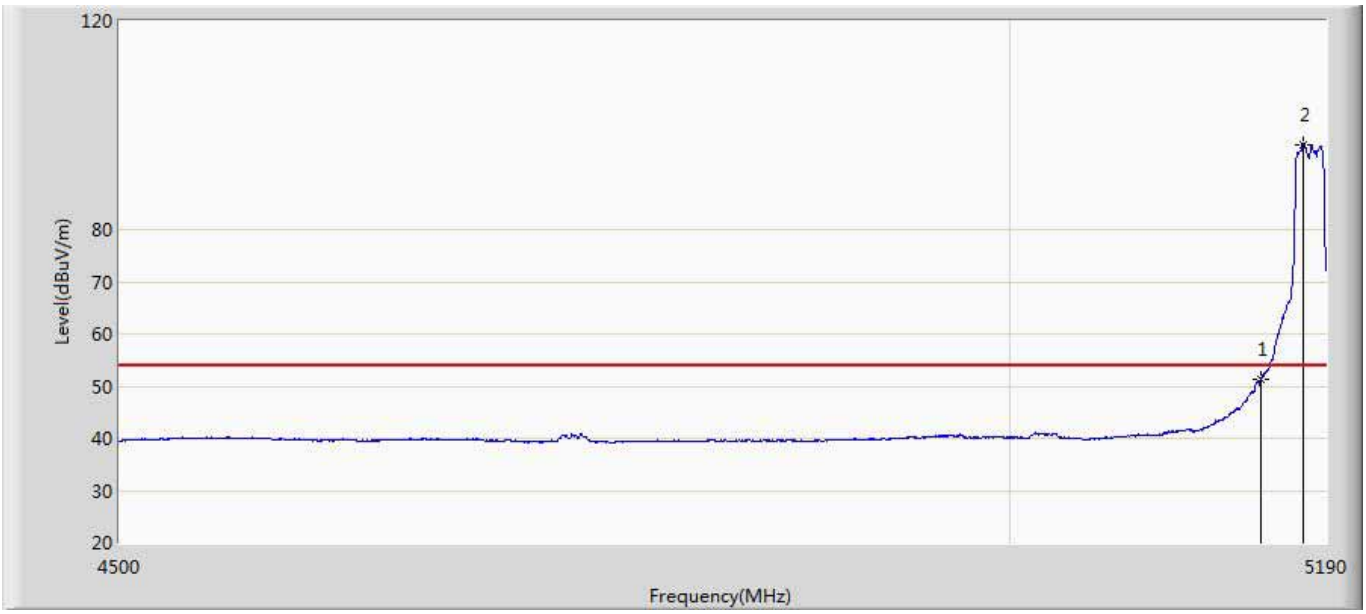
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5147.910	52.832	13.318	-1.168	54.000	39.514	AV
2		5150.000	52.334	12.800	-1.666	54.000	39.534	AV
3	*	5176.890	102.185	62.592	48.185	54.000	39.594	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1+2	



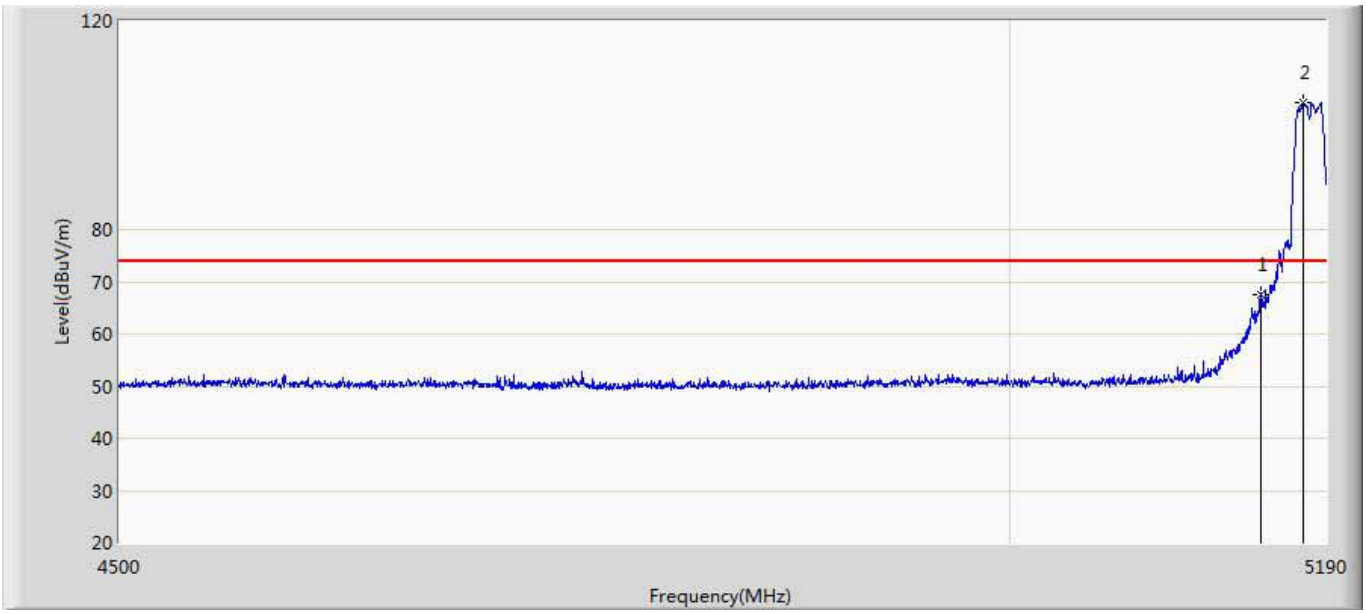
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	71.144	31.610	-2.856	74.000	39.534	PK
2	*	5182.065	111.211	71.657	37.211	74.000	39.554	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1+2	



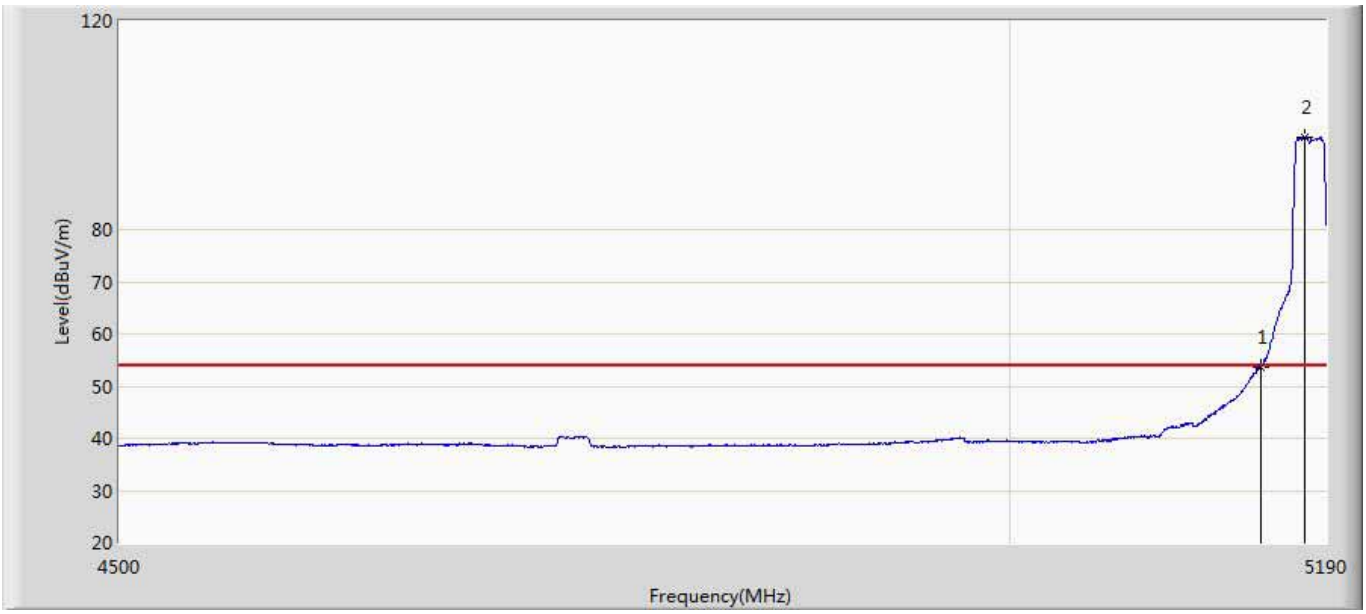
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.162	11.628	-2.838	54.000	39.534	AV
2	*	5175.855	96.356	56.755	42.356	54.000	39.602	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a Ant1+2	



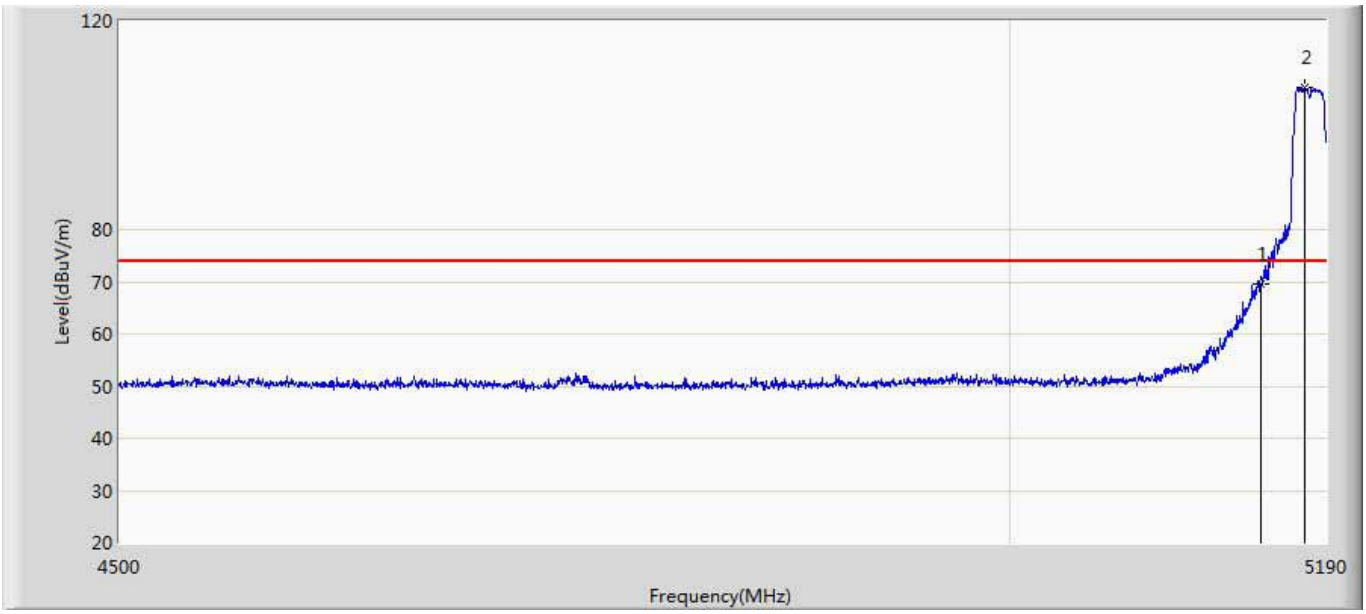
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.644	28.110	-6.356	74.000	39.534	PK
2	*	5175.855	104.461	64.860	30.461	74.000	39.602	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1	



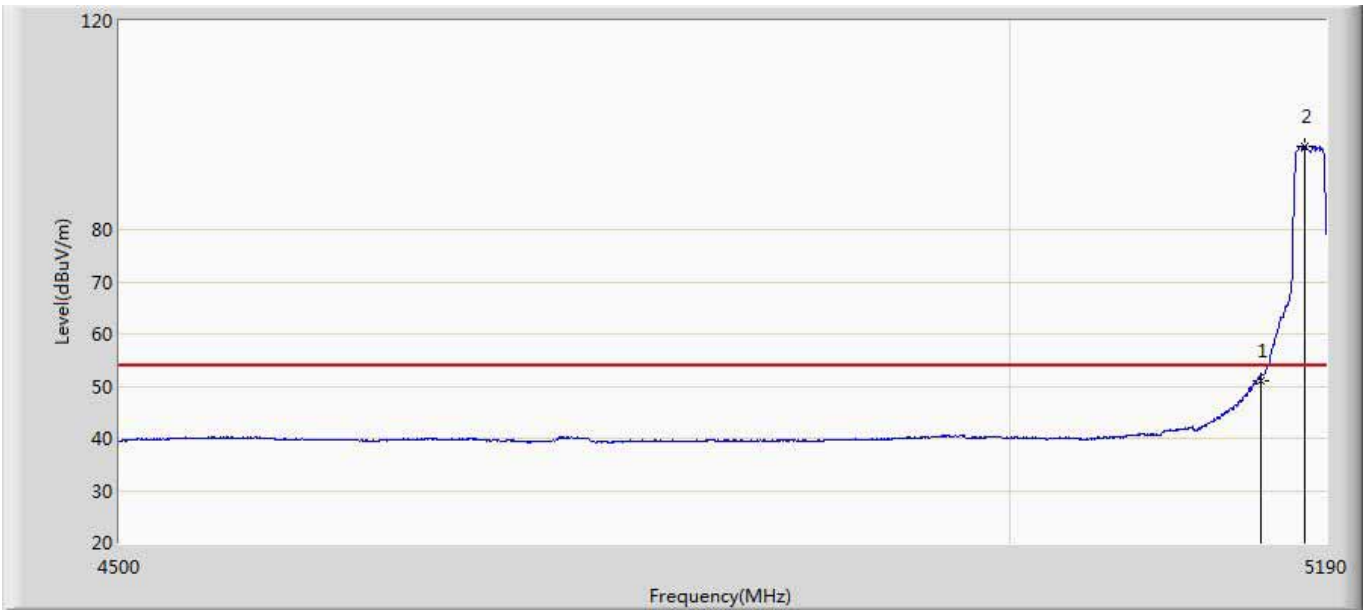
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.722	14.188	-0.278	54.000	39.534	AV
2	*	5176.890	97.737	58.144	43.737	54.000	39.594	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1	



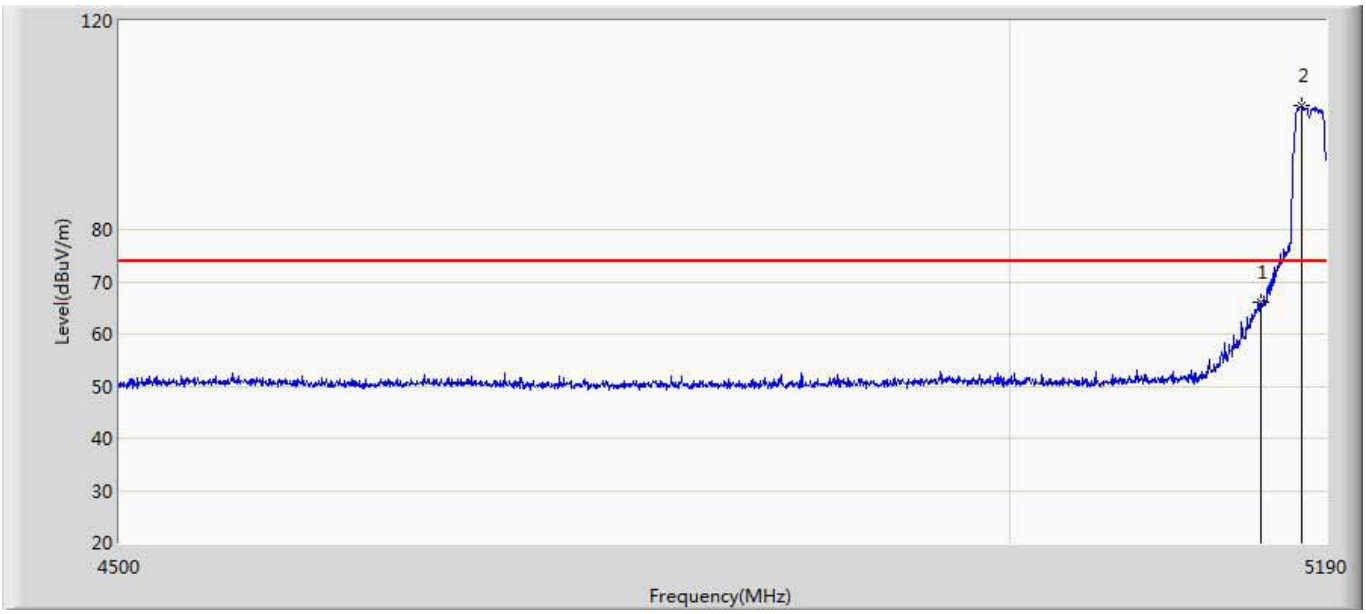
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.519	29.985	-4.481	74.000	39.534	PK
2	*	5176.890	107.192	67.599	33.192	74.000	39.594	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1	



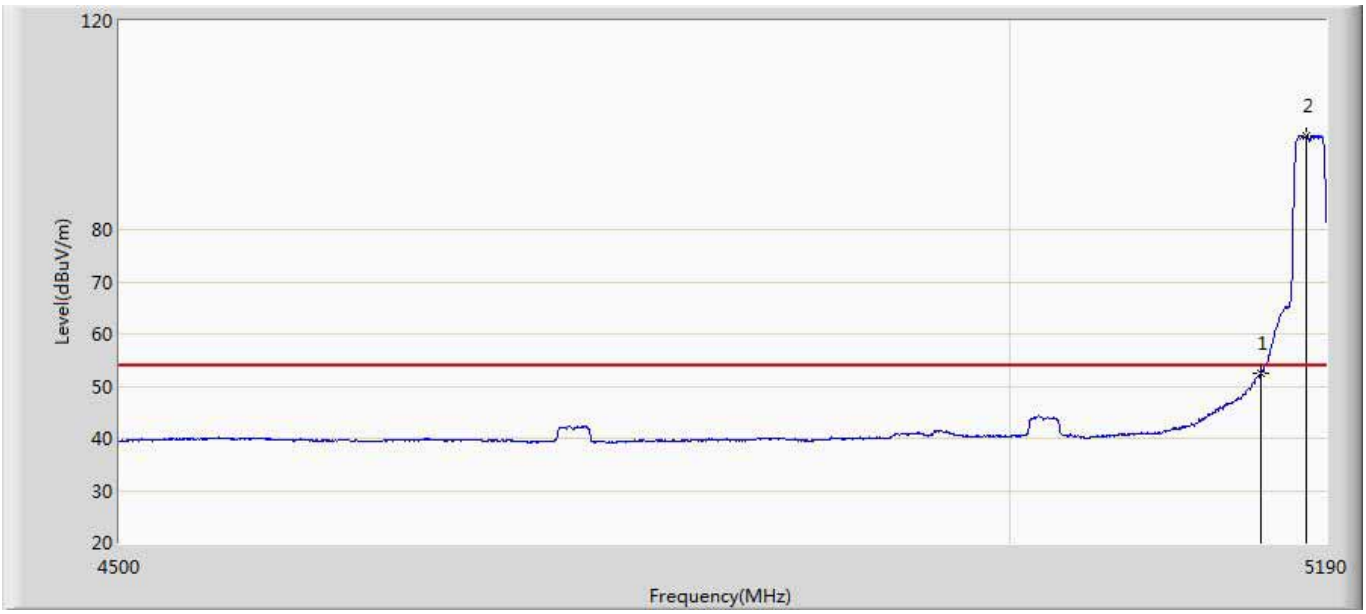
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.069	11.535	-2.931	54.000	39.534	AV
2	*	5176.890	96.067	56.474	42.067	54.000	39.594	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/21 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1	



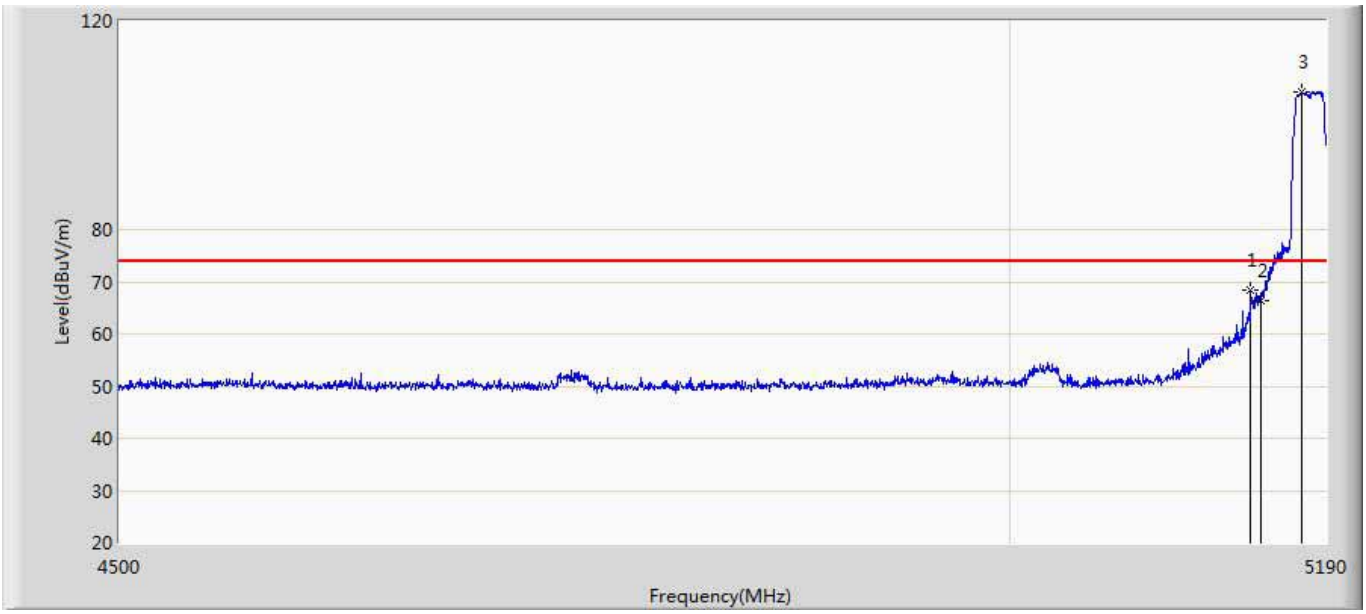
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.129	26.595	-7.871	74.000	39.534	PK
2	*	5175.165	103.754	64.147	29.754	74.000	39.607	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 20:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant2	



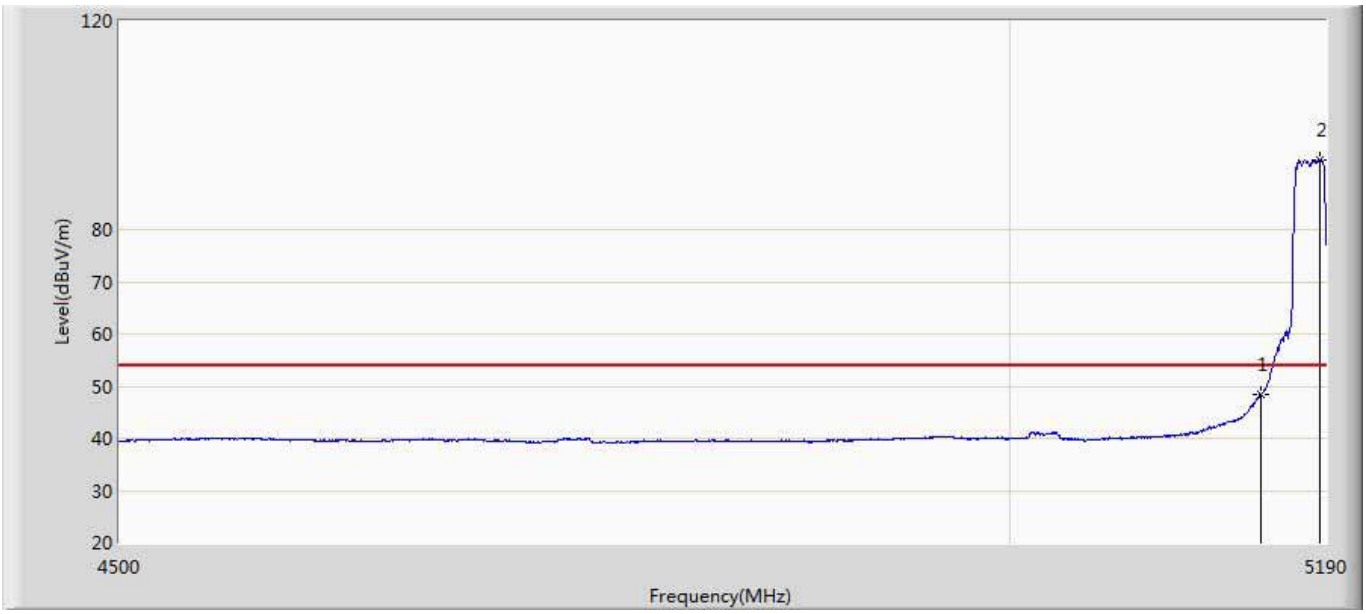
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.603	13.069	-1.397	54.000	39.534	AV
2	*	5177.925	97.869	58.284	43.869	54.000	39.585	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant2	



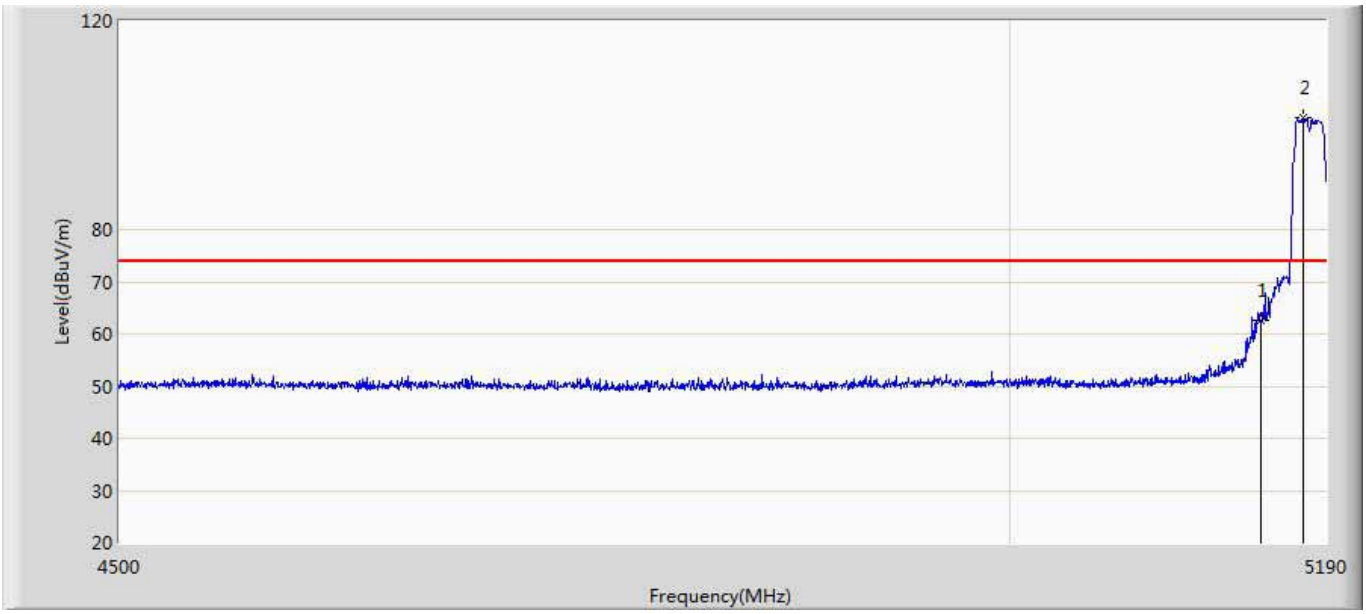
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5144.115	68.326	28.819	-5.674	74.000	39.507	PK
2		5150.000	66.305	26.771	-7.695	74.000	39.534	PK
3	*	5175.510	106.517	66.913	32.517	74.000	39.605	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant2	



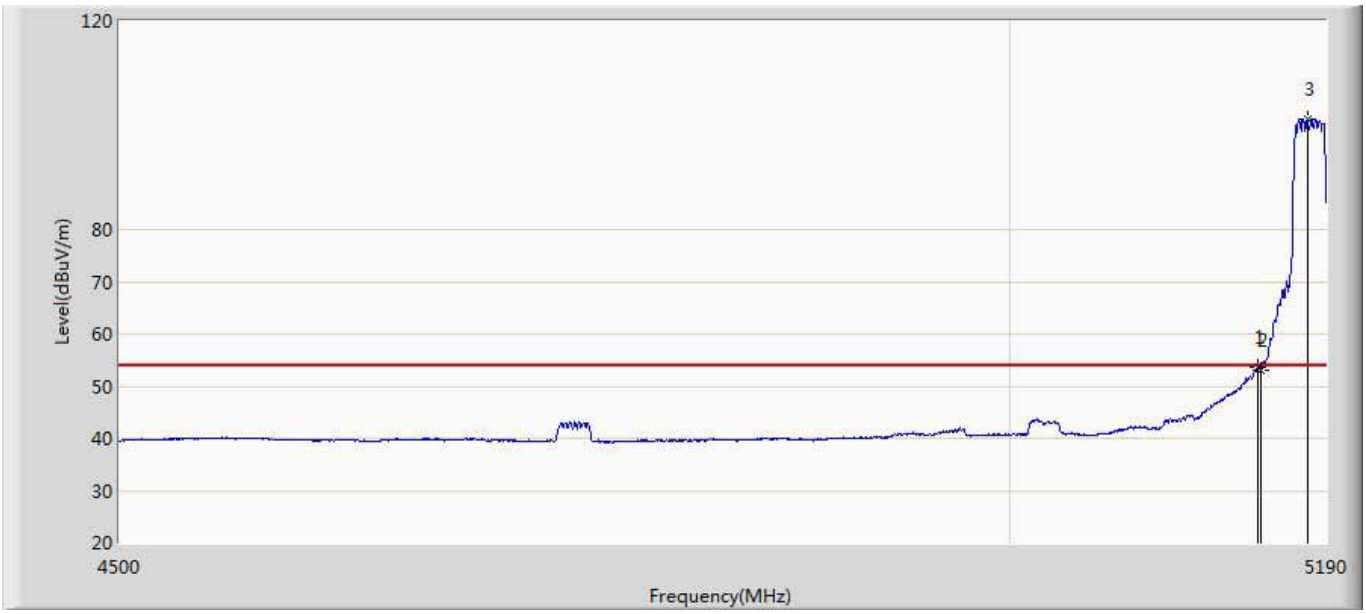
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.305	8.771	-5.695	54.000	39.534	AV
2	*	5186.550	93.291	53.696	39.291	54.000	39.596	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant2	



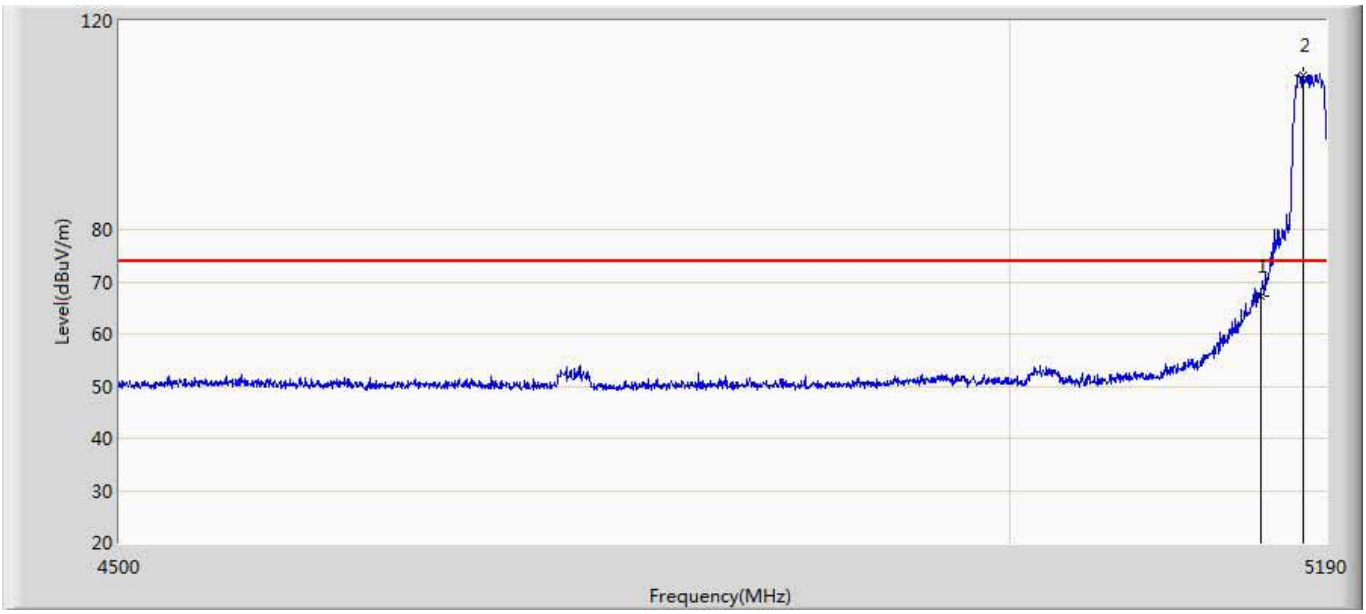
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.696	23.162	-11.304	74.000	39.534	PK
2	*	5176.545	101.442	61.846	27.442	74.000	39.597	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1+2	



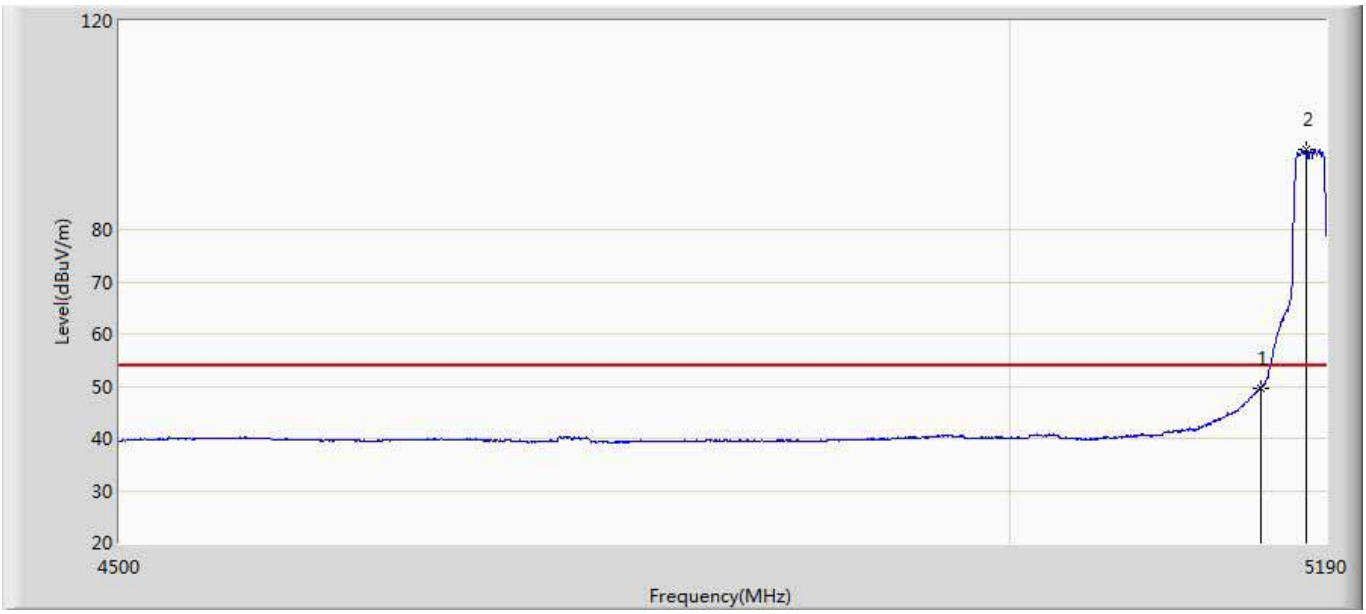
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5148.600	53.733	14.213	-0.267	54.000	39.521	AV
2		5150.000	53.140	13.606	-0.860	54.000	39.534	AV
3	*	5178.960	101.222	61.645	47.222	54.000	39.577	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1+2	



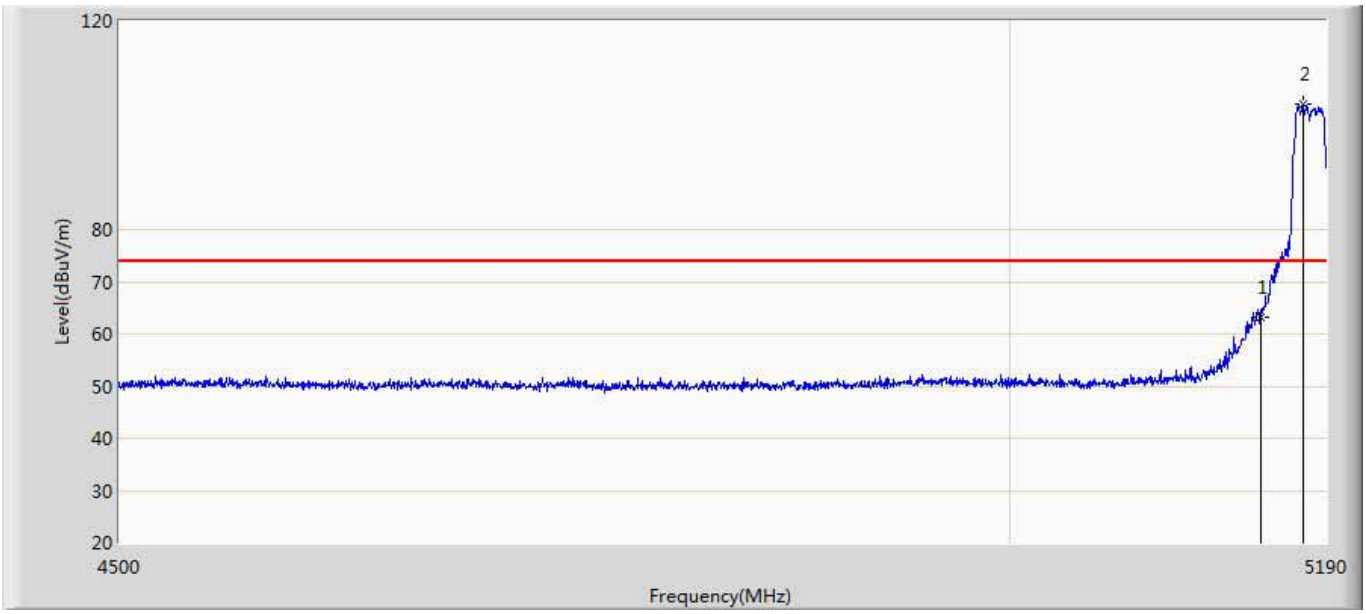
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.360	27.826	-6.640	74.000	39.534	PK
2	*	5176.200	109.648	70.049	35.648	74.000	39.599	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1+2	



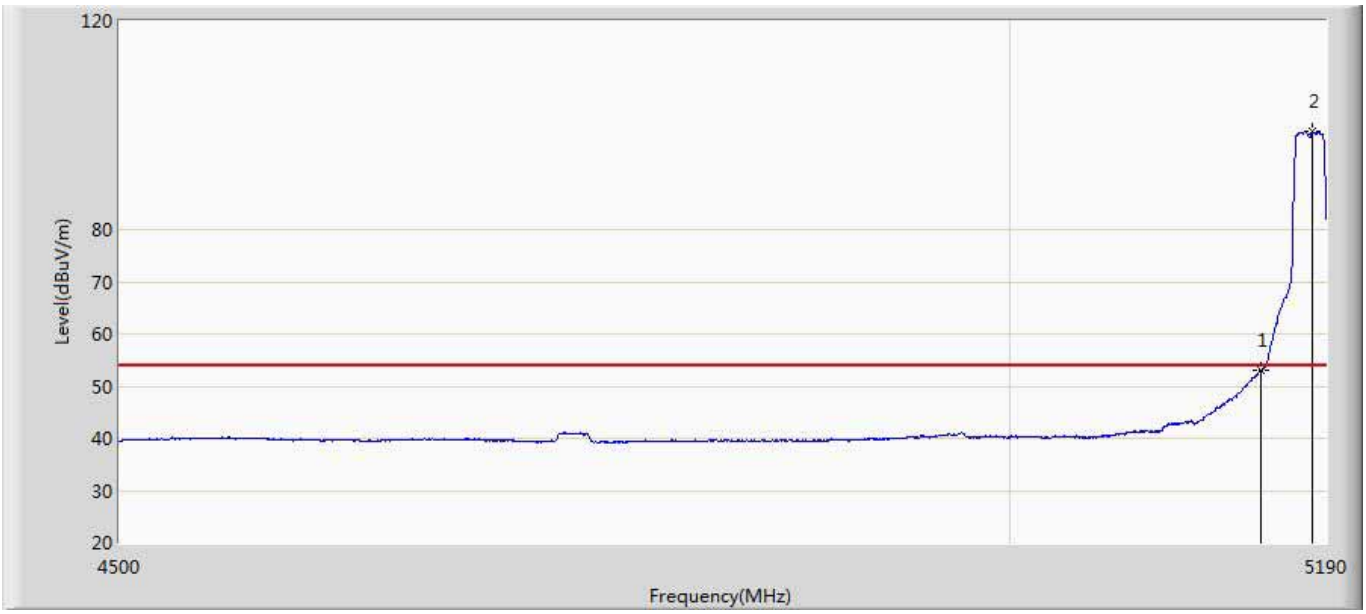
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.625	10.091	-4.375	54.000	39.534	AV
2	*	5177.925	95.254	55.669	41.254	54.000	39.585	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n20 Ant1+2	



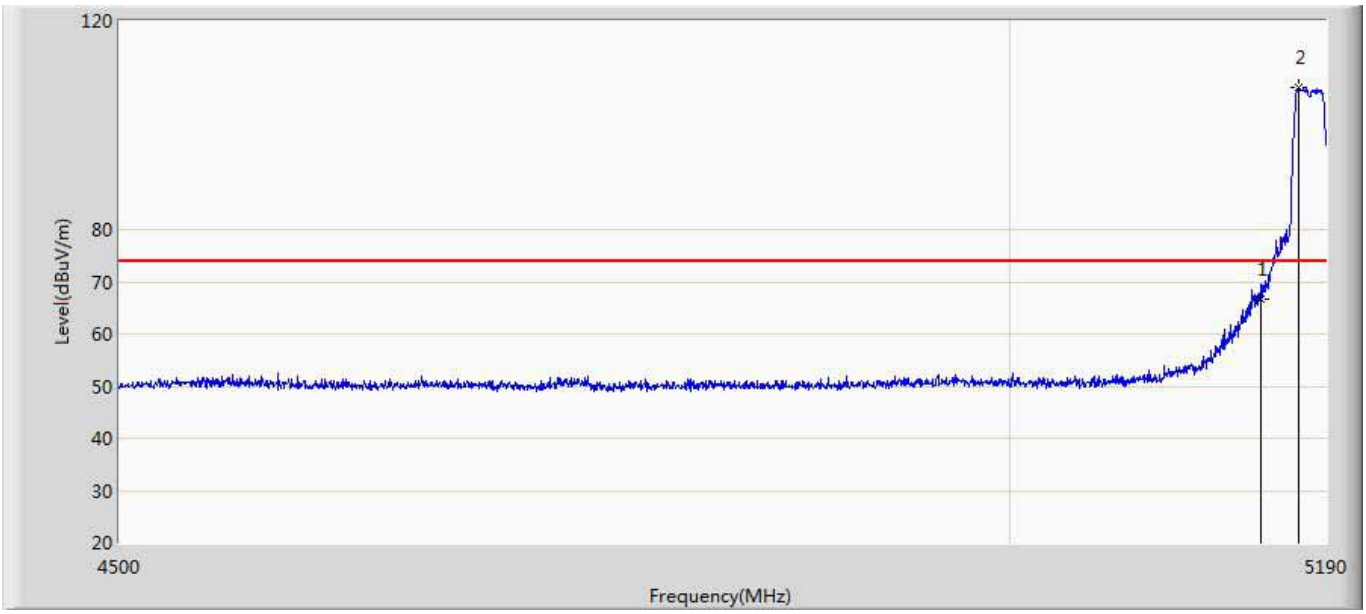
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.320	23.786	-10.680	74.000	39.534	PK
2	*	5176.200	104.032	64.433	30.032	74.000	39.599	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1	



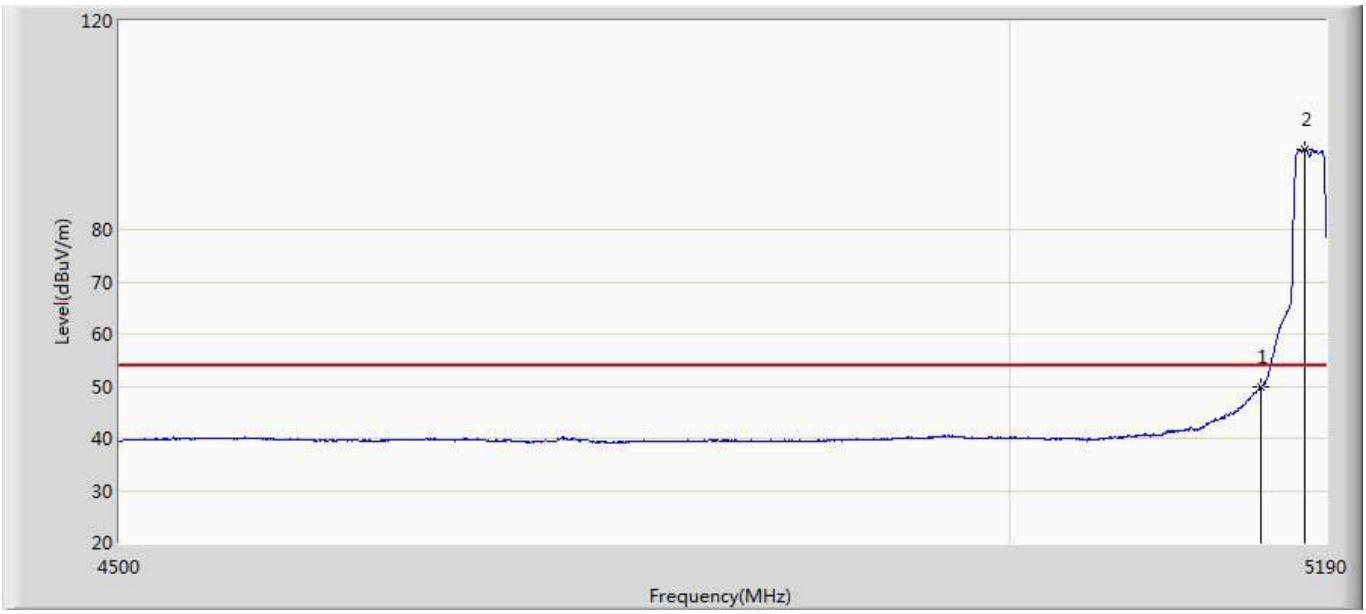
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.928	13.394	-1.072	54.000	39.534	AV
2	*	5181.720	98.827	59.271	44.827	54.000	39.556	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1	



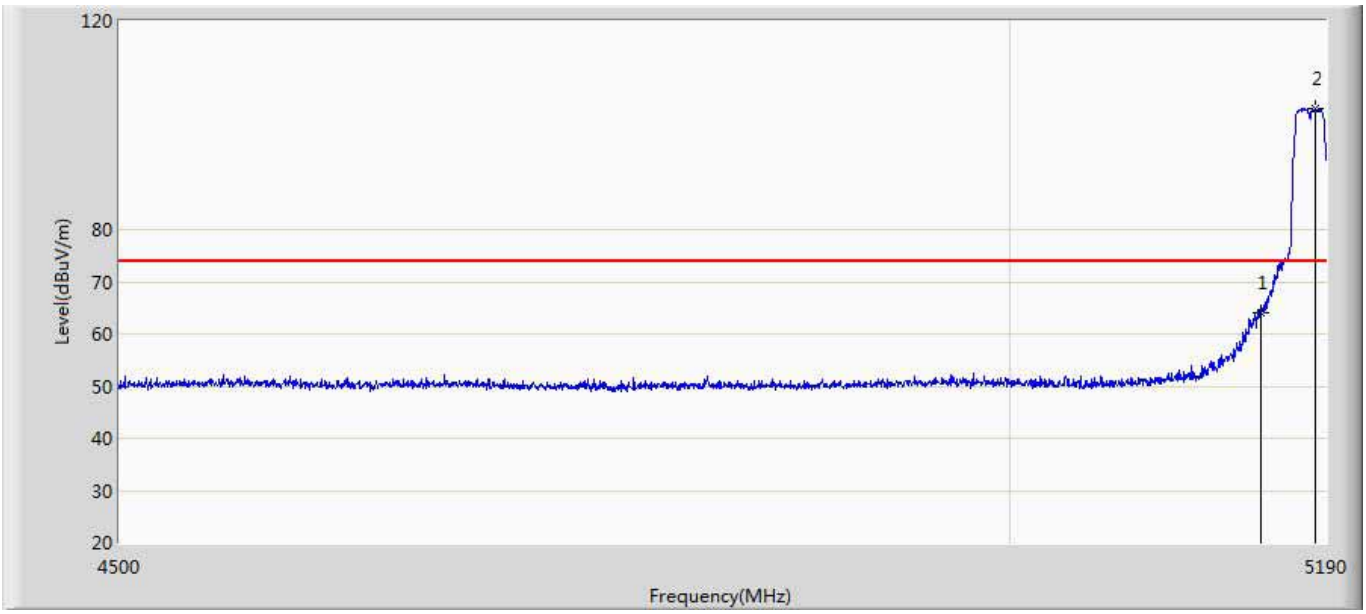
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.749	27.215	-7.251	74.000	39.534	PK
2	*	5173.440	107.260	67.640	33.260	74.000	39.620	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1	



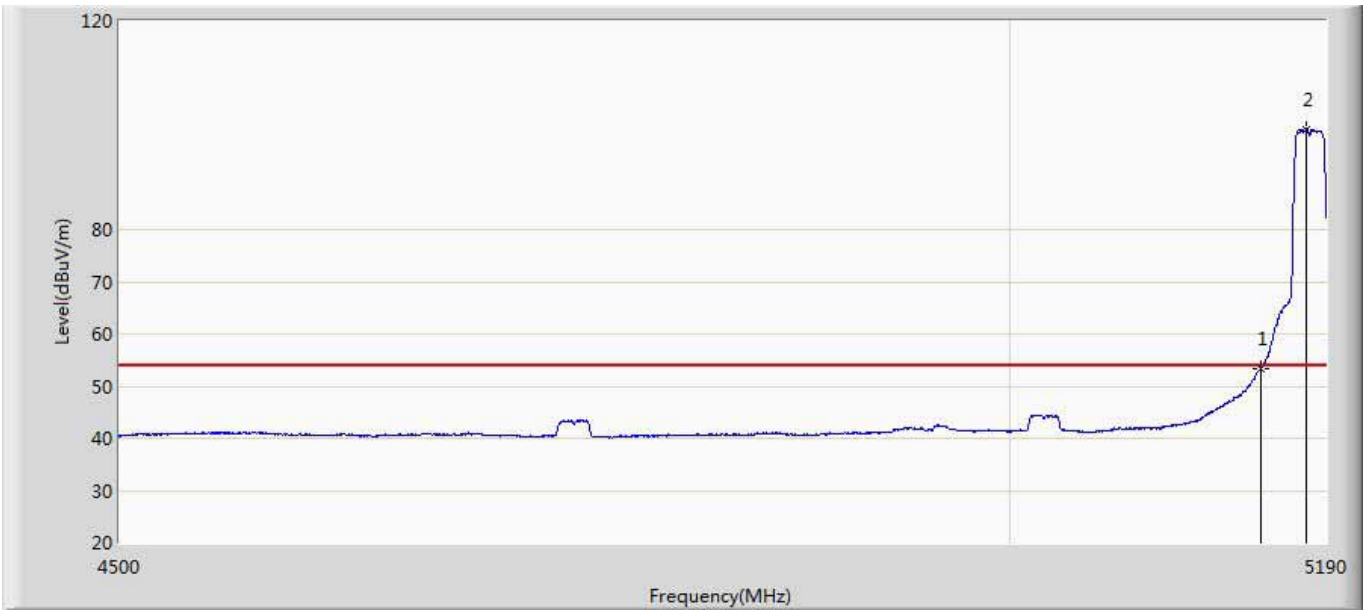
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.791	10.257	-4.209	54.000	39.534	AV
2	*	5176.890	95.374	55.781	41.374	54.000	39.594	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1	



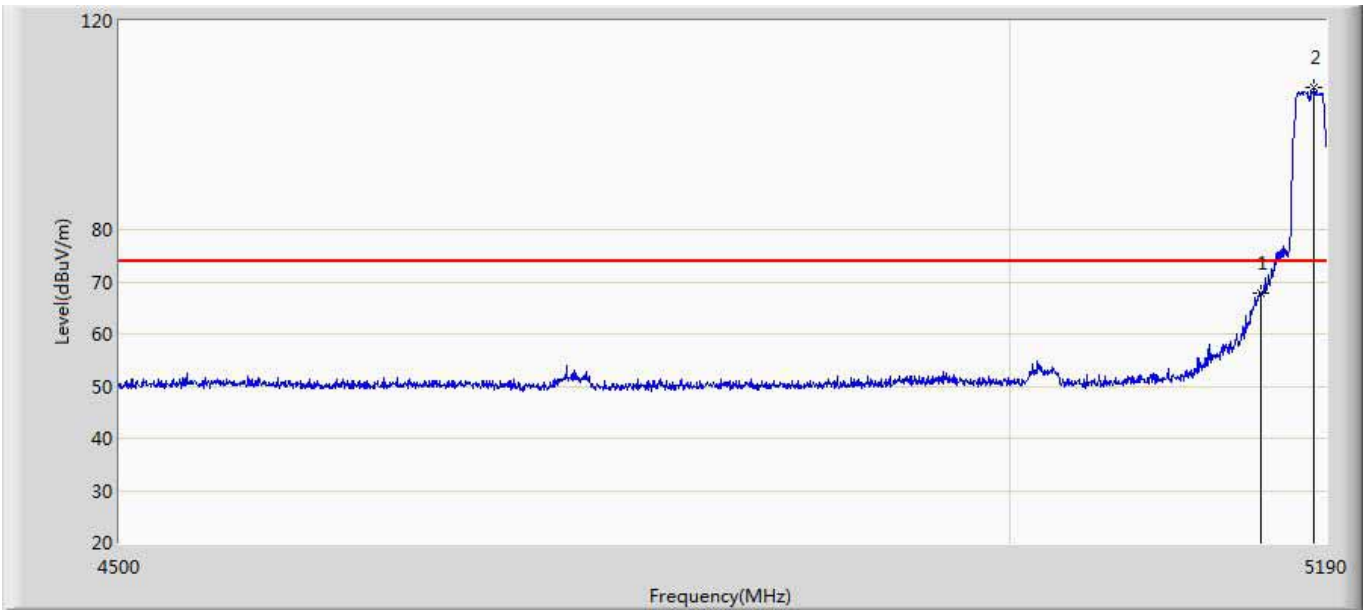
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.057	24.523	-9.943	74.000	39.534	PK
2	*	5183.445	103.111	63.544	29.111	74.000	39.566	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant2	



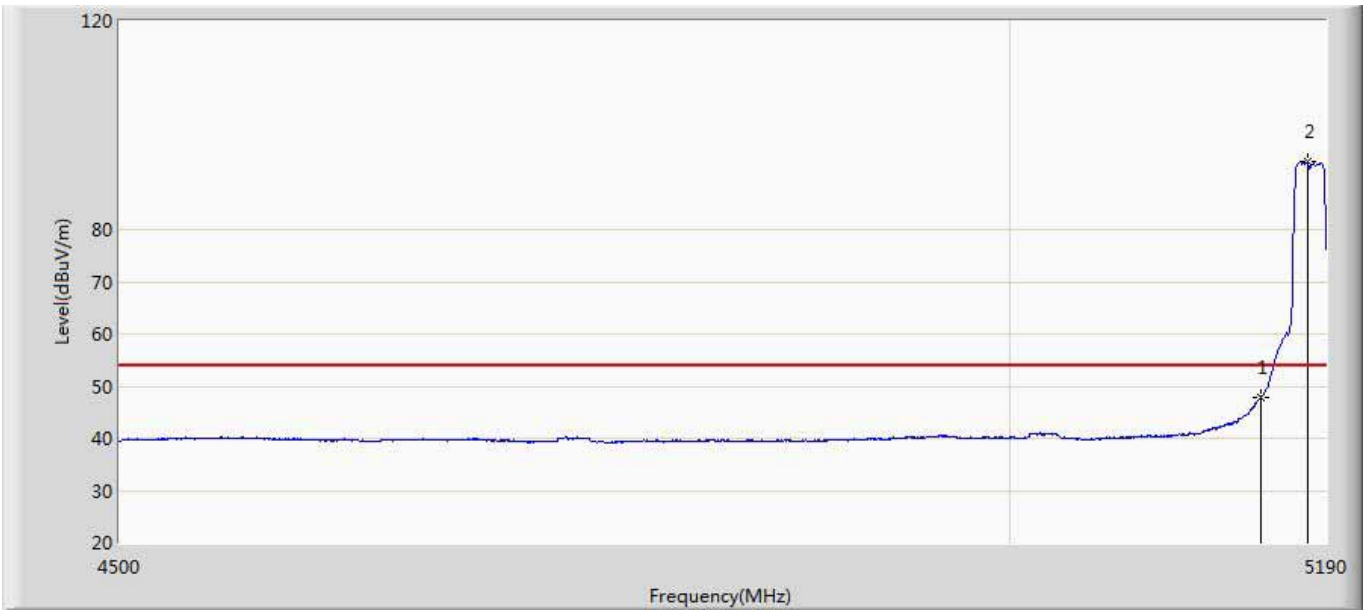
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.342	13.808	-0.658	54.000	39.534	AV
2	*	5177.925	99.148	59.563	45.148	54.000	39.585	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant2	



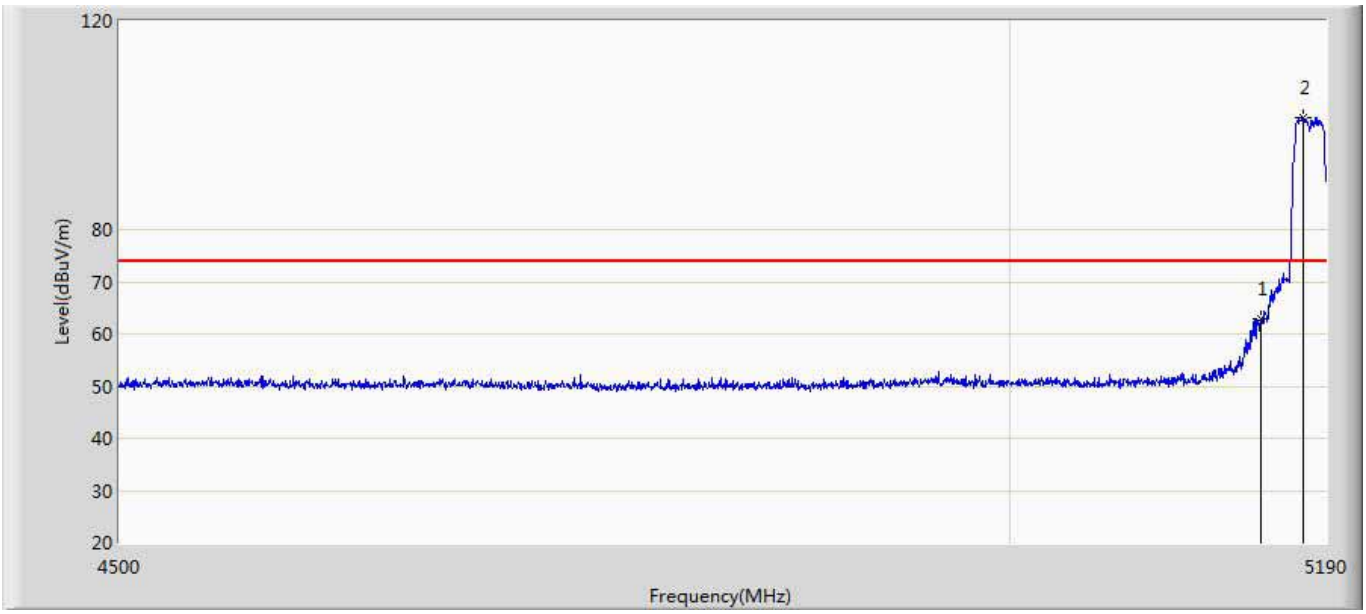
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.861	28.327	-6.139	74.000	39.534	PK
2	*	5182.755	107.290	67.729	33.290	74.000	39.561	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant2	



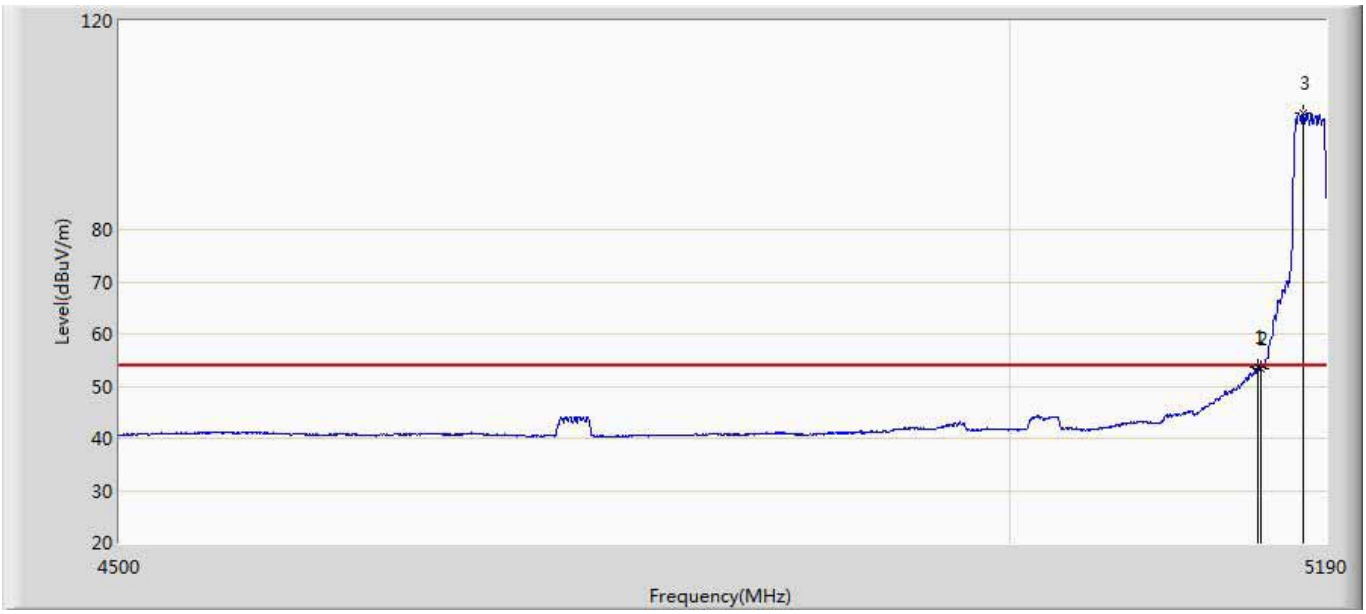
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.774	8.240	-6.226	54.000	39.534	AV
2	*	5178.615	92.909	53.329	38.909	54.000	39.580	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant2	



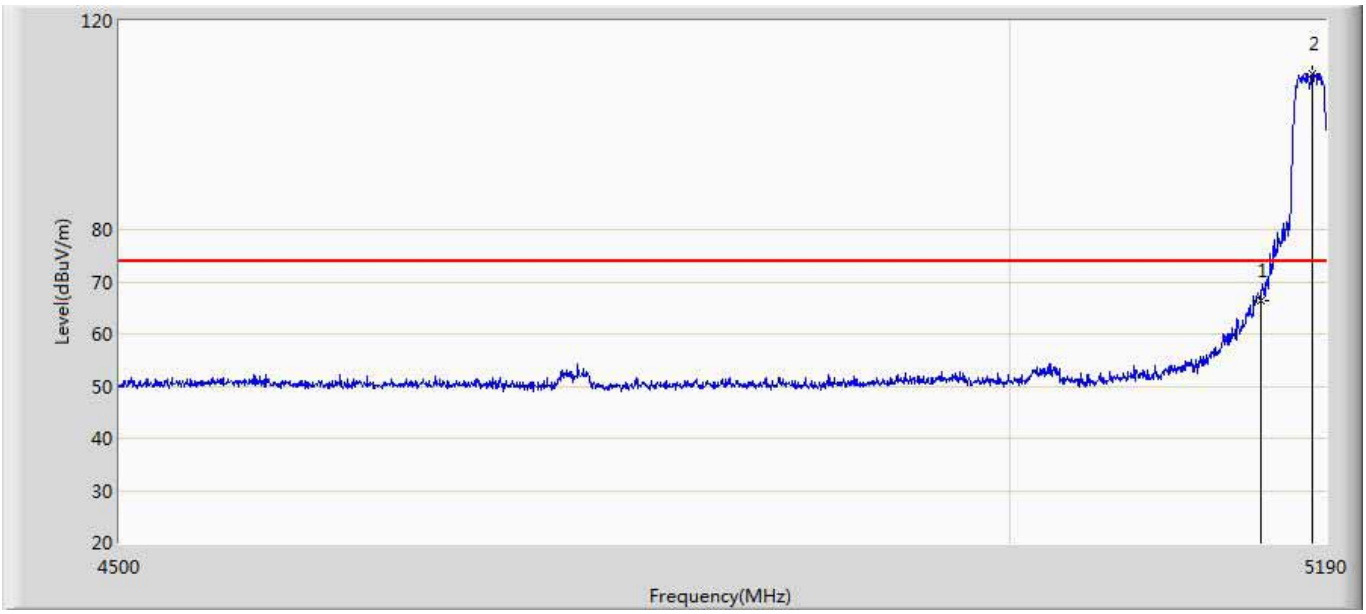
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.835	23.301	-11.165	74.000	39.534	PK
2	*	5175.855	101.441	61.840	27.441	74.000	39.602	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1+2	



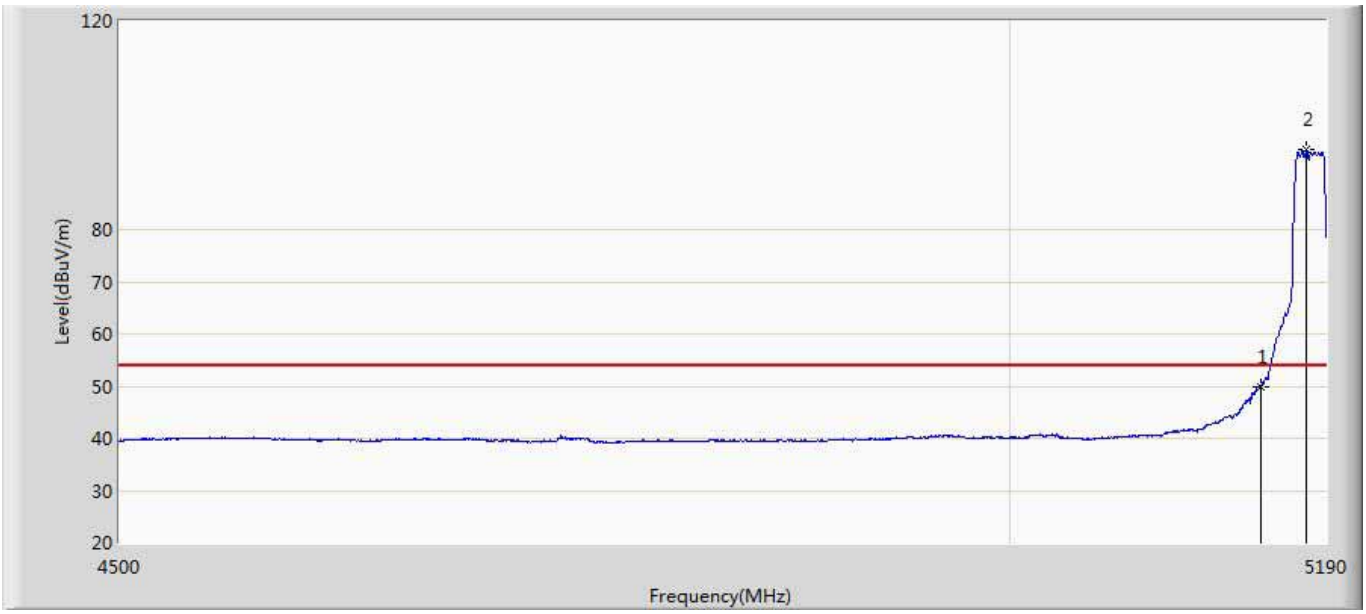
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5148.600	53.746	14.226	-0.254	54.000	39.521	AV
2		5150.000	53.438	13.904	-0.562	54.000	39.534	AV
3	*	5175.855	102.197	62.596	48.197	54.000	39.602	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1+2	



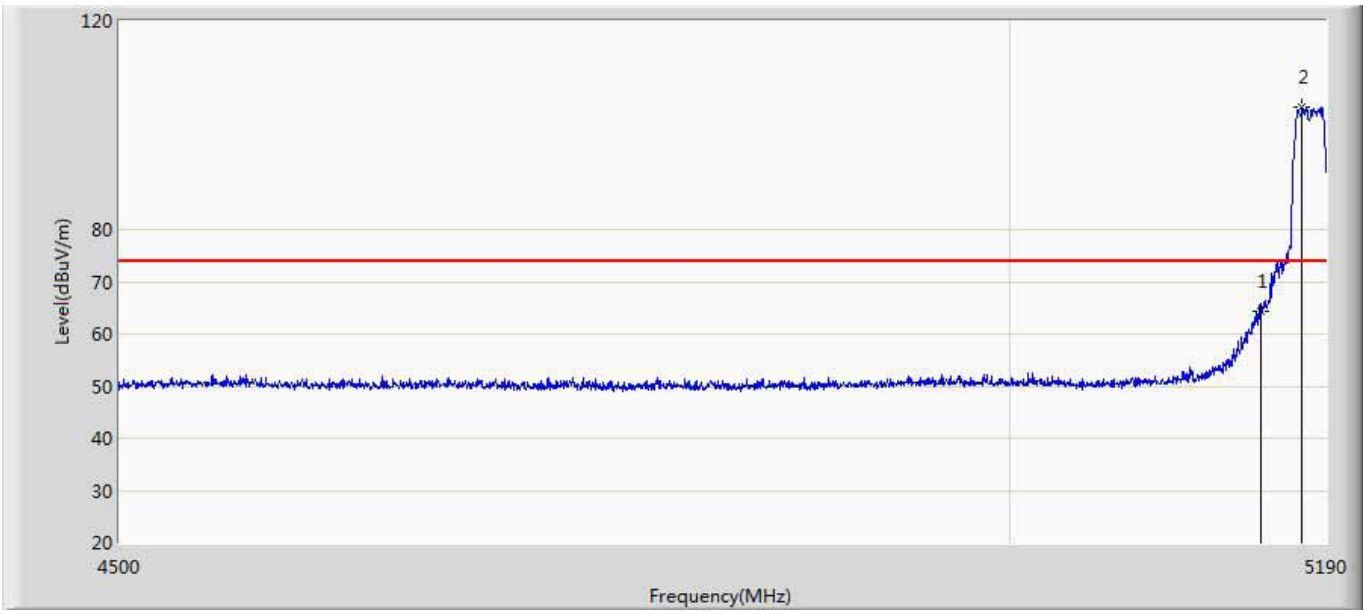
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.509	26.975	-7.491	74.000	39.534	PK
2	*	5181.720	109.755	70.199	35.755	74.000	39.556	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1+2	



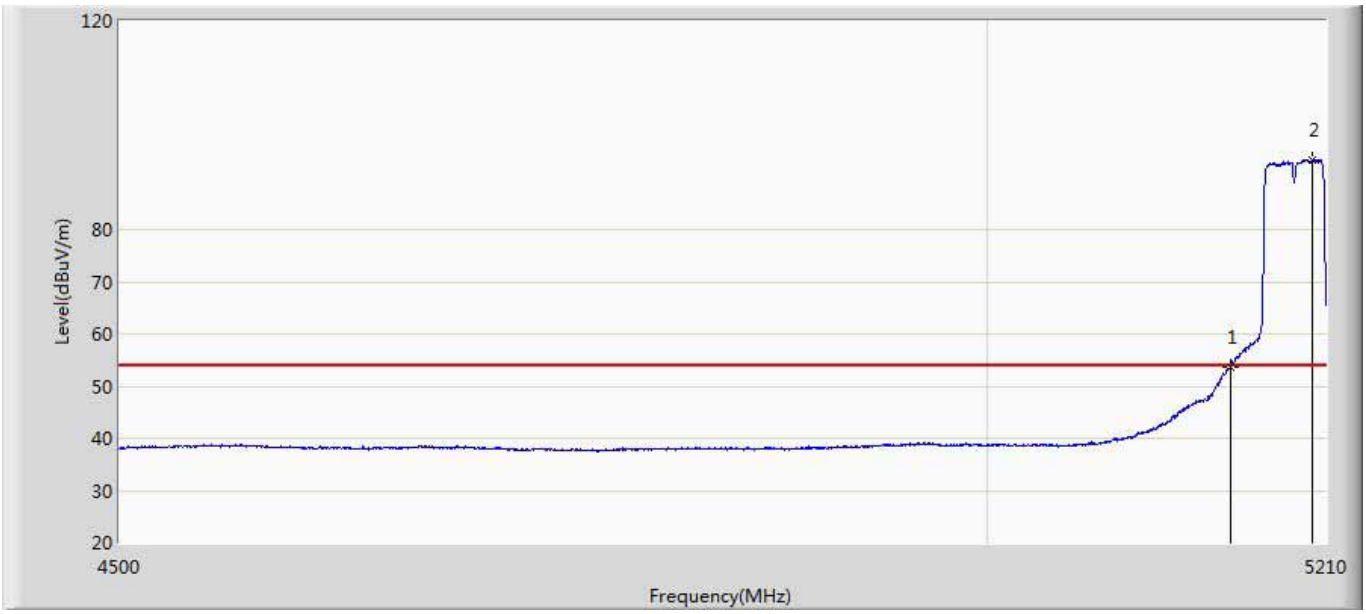
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.879	10.345	-4.121	54.000	39.534	AV
2	*	5178.270	95.347	55.764	41.347	54.000	39.582	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 21:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac20 Ant1+2	



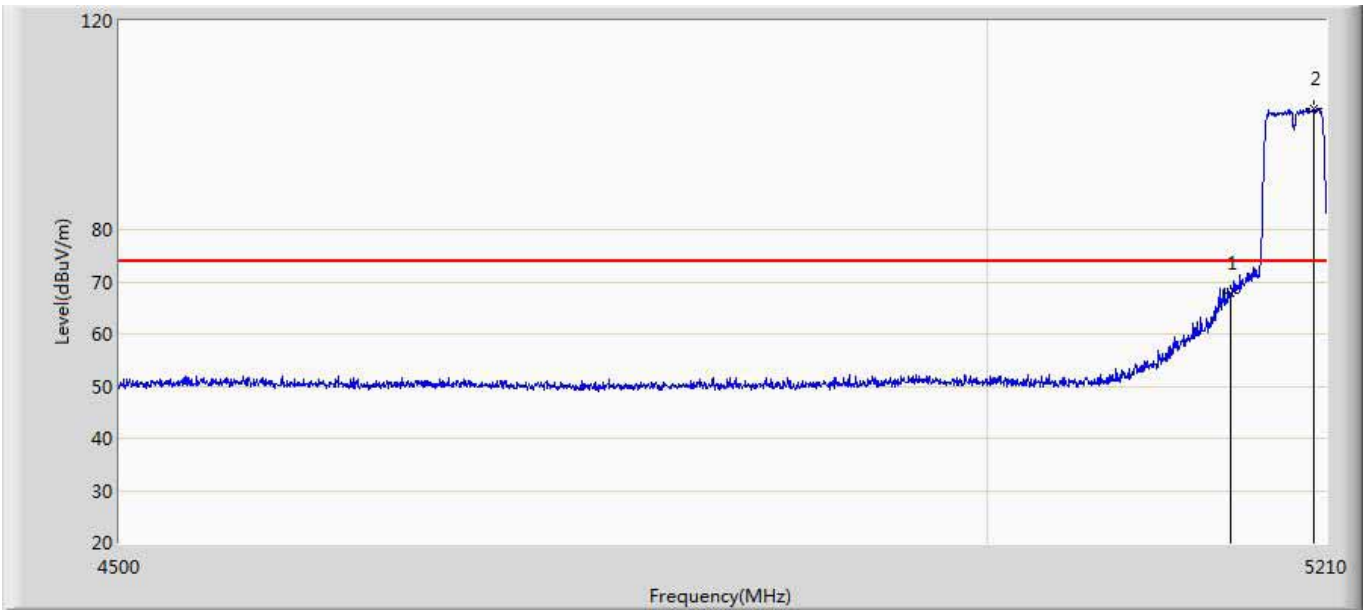
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.384	24.850	-9.616	74.000	39.534	PK
2	*	5175.510	103.431	63.827	29.431	74.000	39.605	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1	



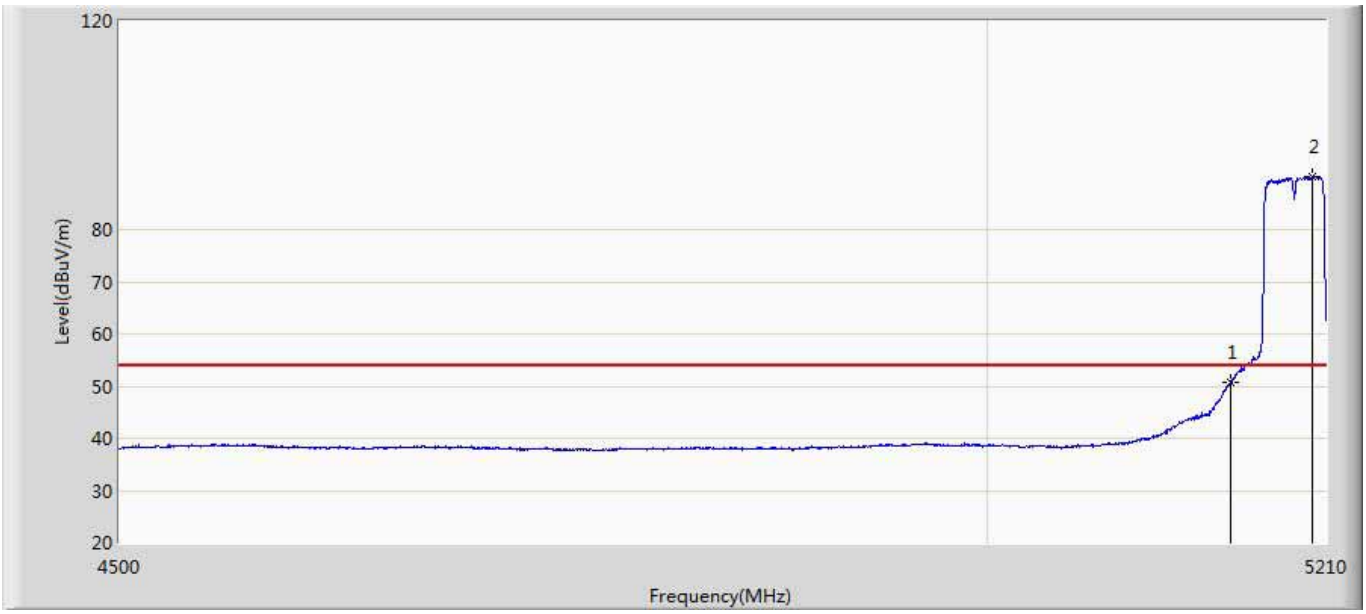
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.760	14.226	-0.240	54.000	39.534	AV
2	*	5201.125	93.365	53.656	39.365	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1	



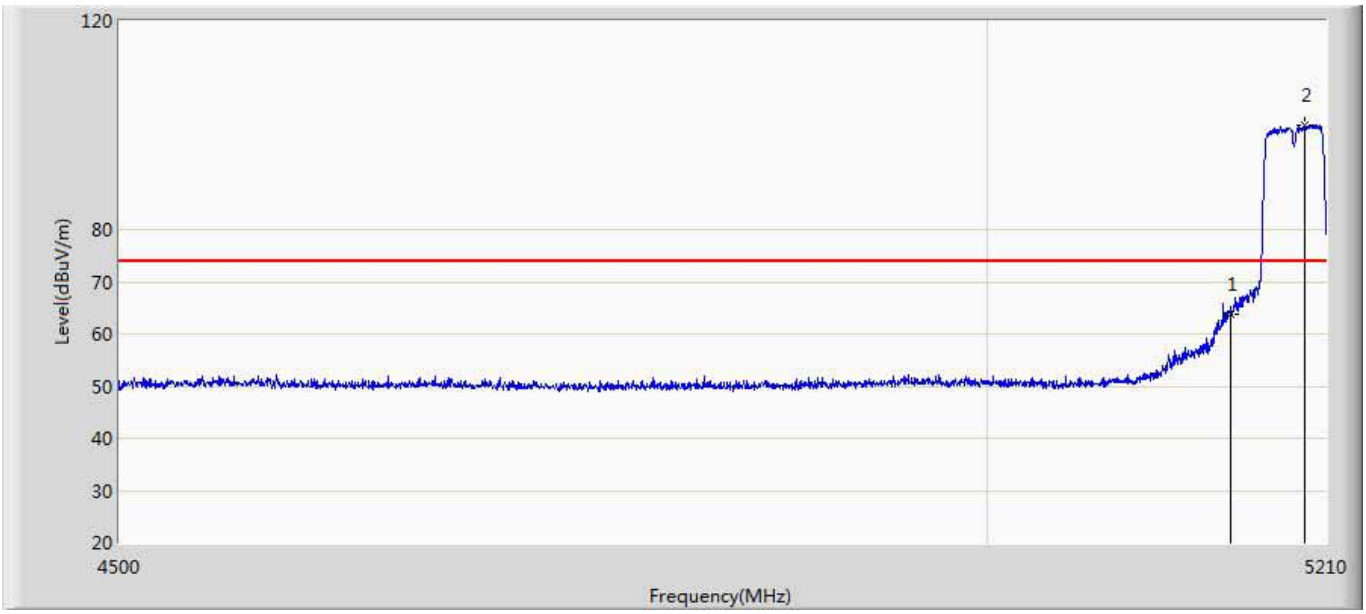
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.908	28.374	-6.092	74.000	39.534	PK
2	*	5202.545	103.106	63.397	29.106	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1	



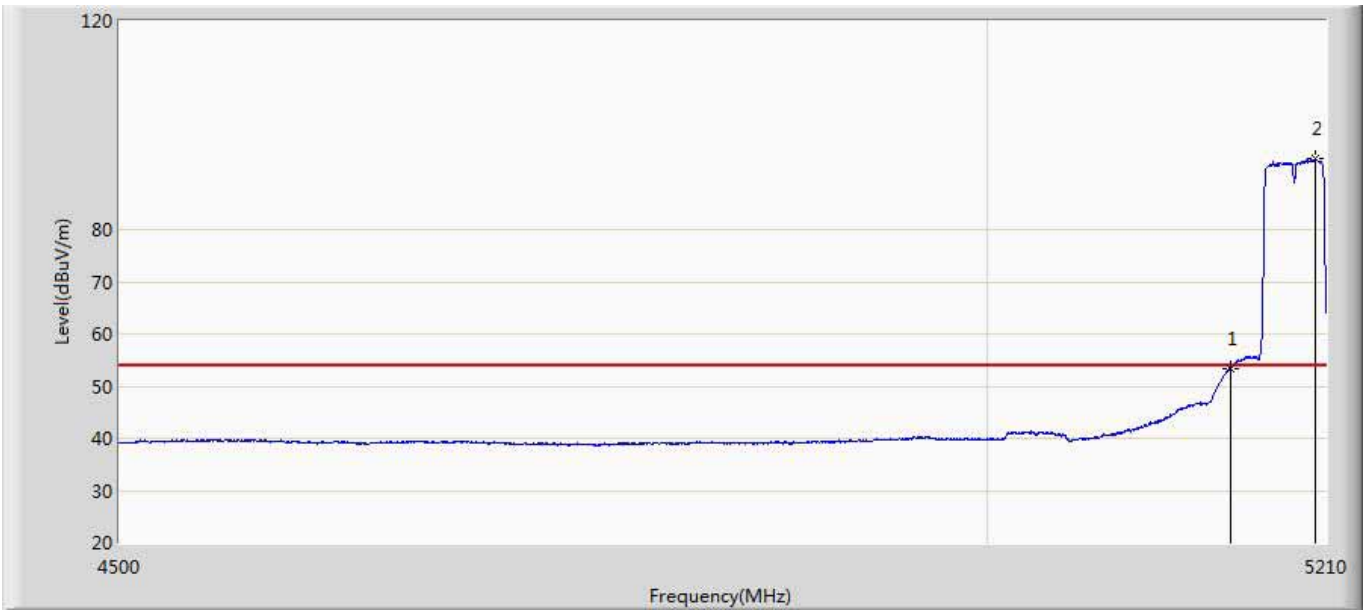
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.620	11.086	-3.380	54.000	39.534	AV
2	*	5201.125	90.185	50.476	36.185	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1	



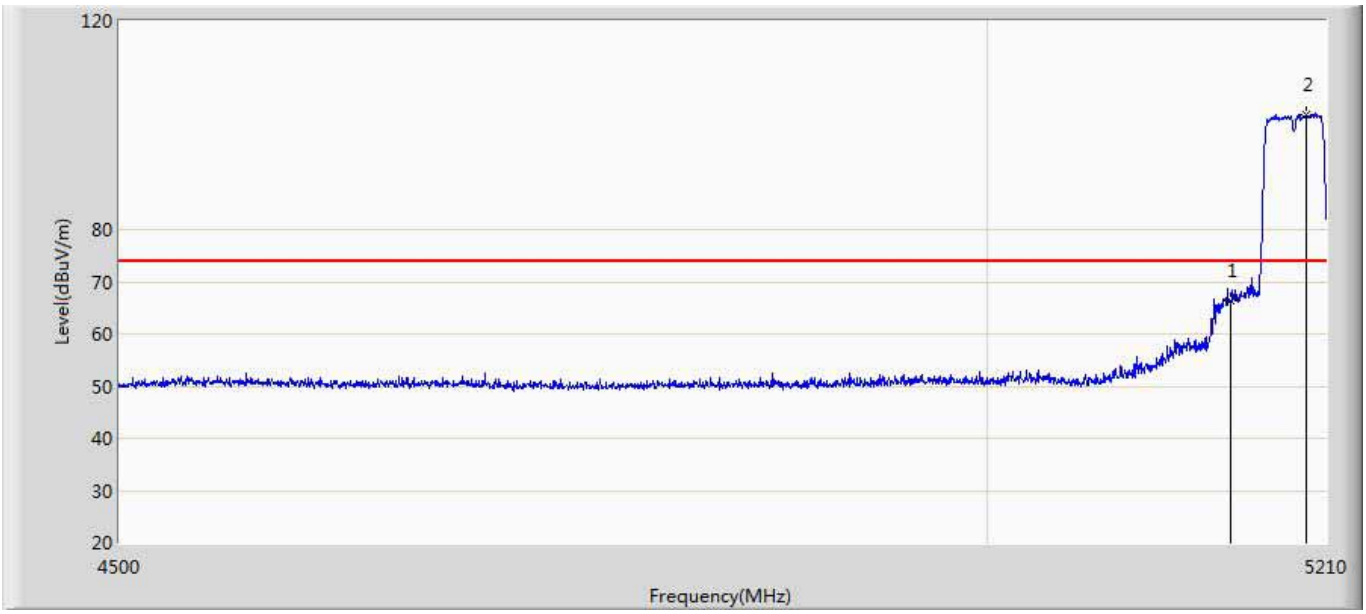
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.883	24.349	-10.117	74.000	39.534	PK
2	*	5196.510	100.002	60.316	26.002	74.000	39.686	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant2	



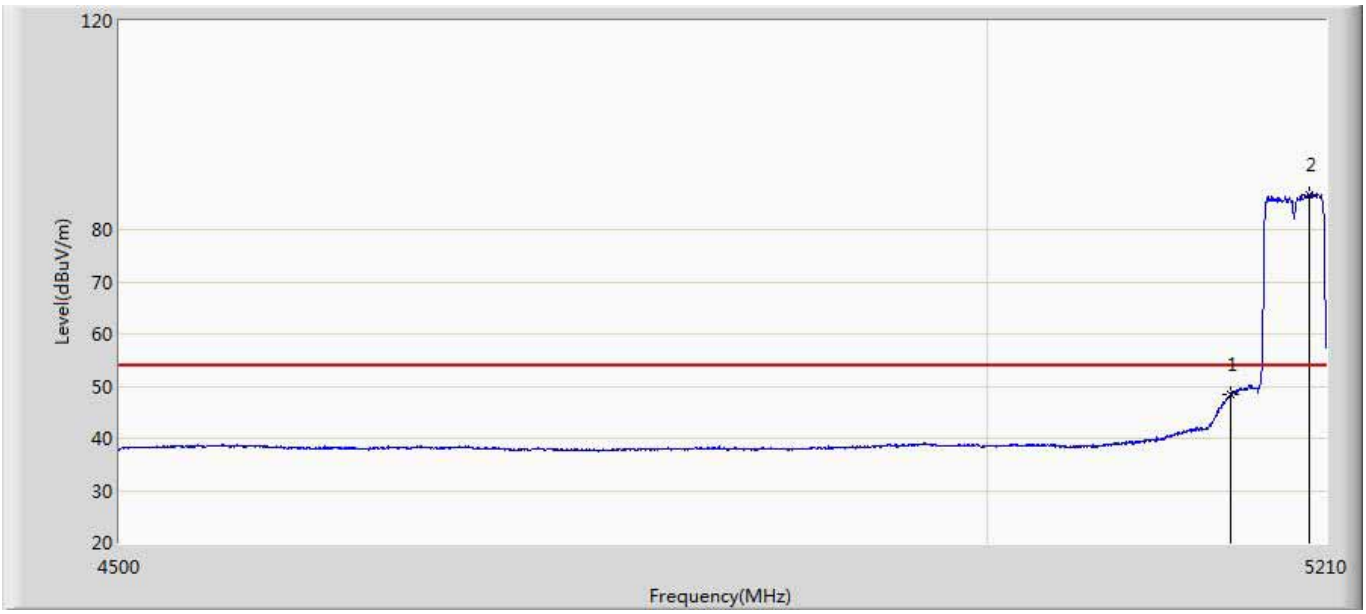
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.224	13.690	-0.776	54.000	39.534	AV
2	*	5203.610	93.484	53.775	39.484	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant2	



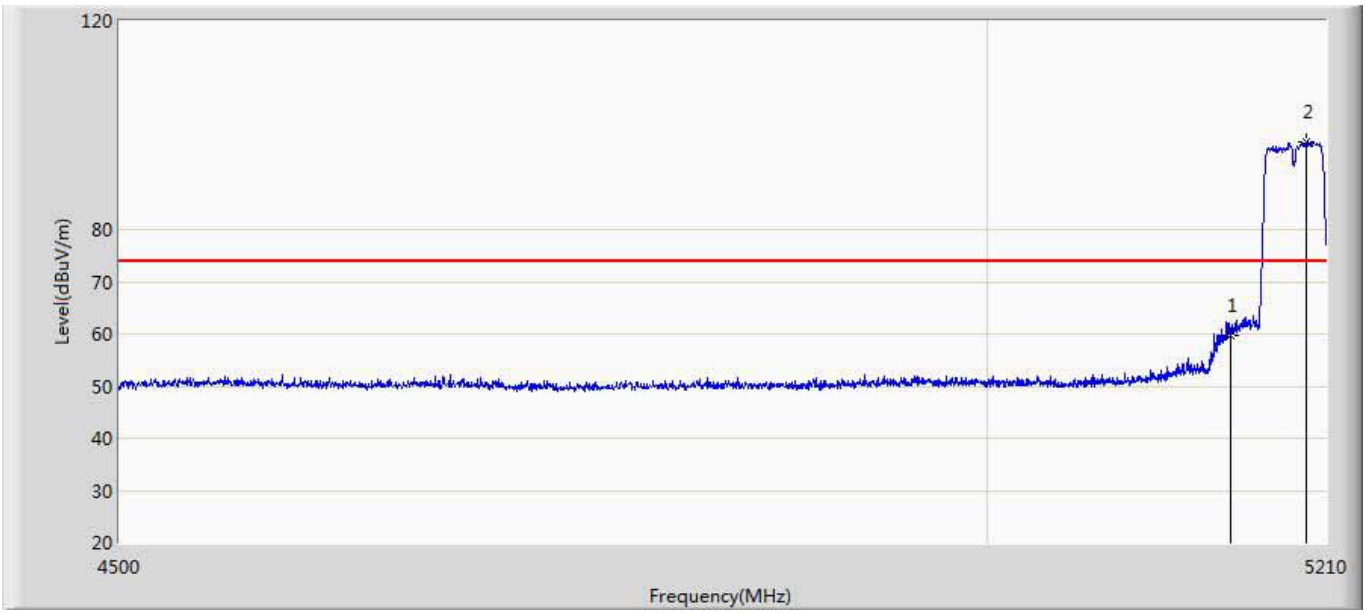
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.319	26.785	-7.681	74.000	39.534	PK
2	*	5197.220	101.942	62.250	27.942	74.000	39.692	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant2	



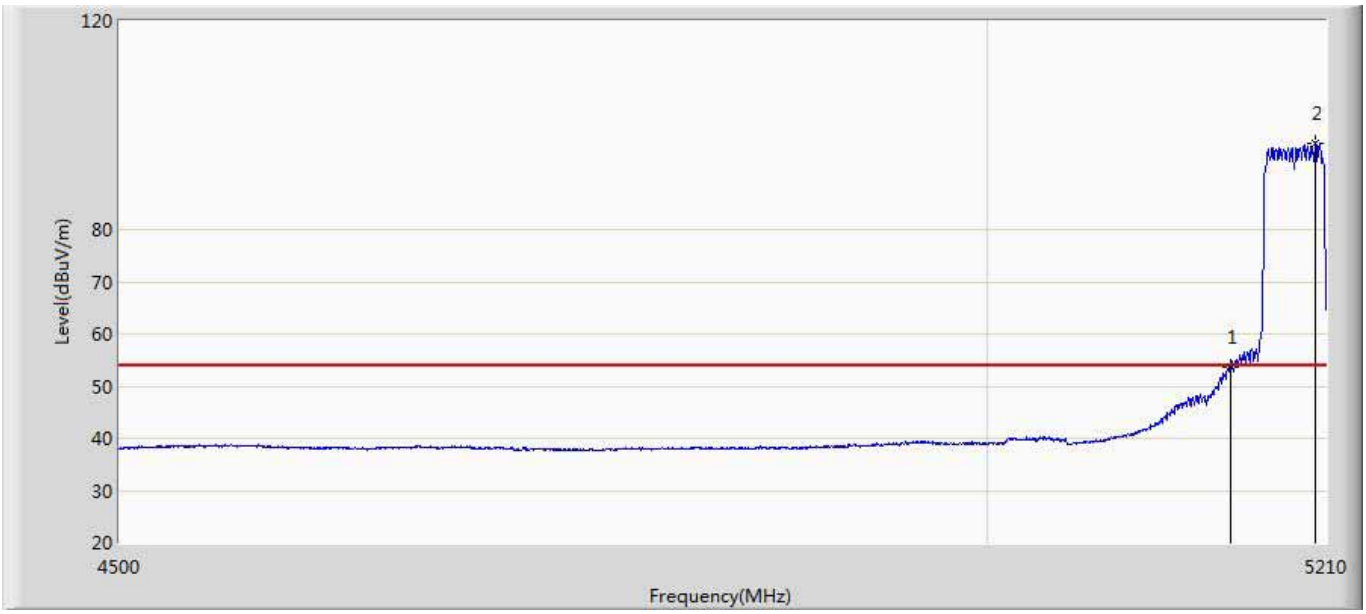
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.501	8.967	-5.499	54.000	39.534	AV
2	*	5199.705	86.705	46.997	32.705	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant2	



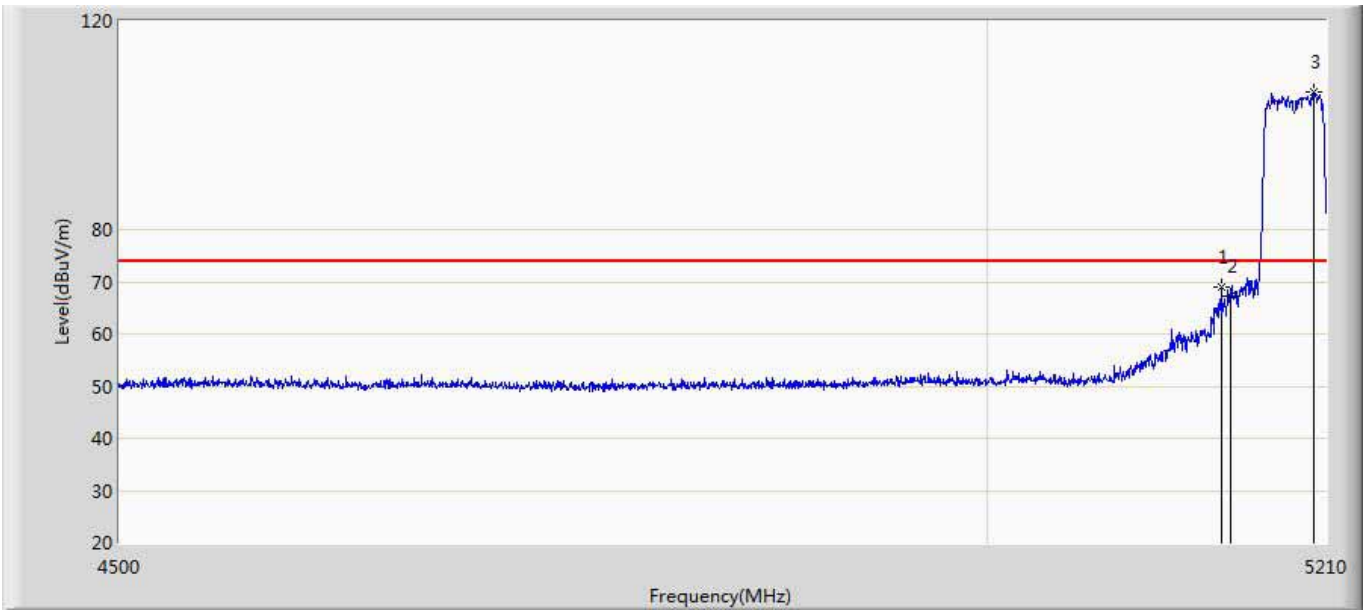
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.577	20.043	-14.423	74.000	39.534	PK
2	*	5197.220	96.815	57.123	22.815	74.000	39.692	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1+2	



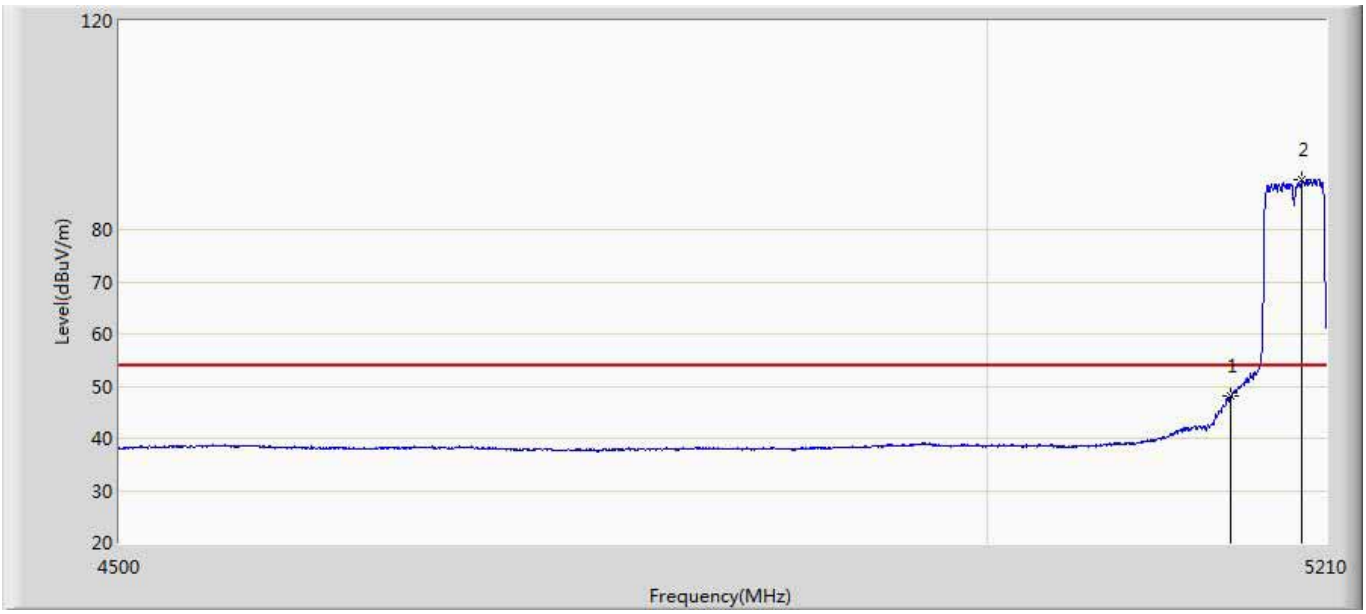
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.562	14.028	-0.438	54.000	39.534	AV
2	*	5203.255	96.608	56.899	42.608	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1+2	



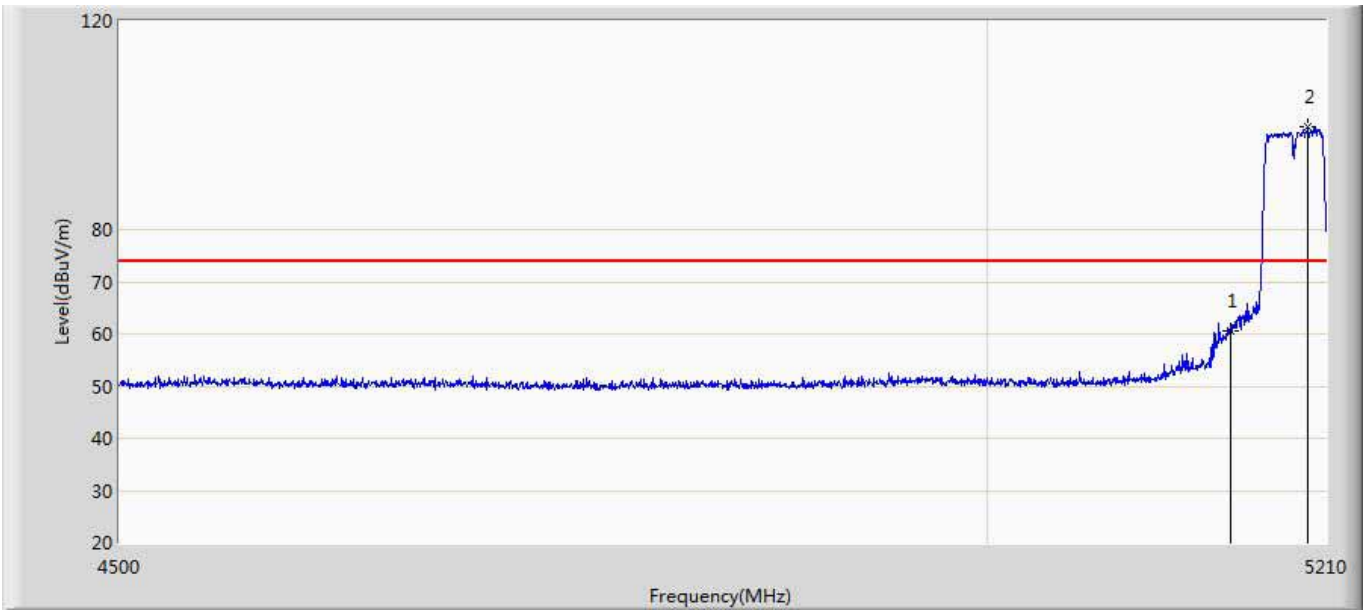
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5143.970	68.995	29.488	-5.005	74.000	39.507	PK
2		5150.000	67.135	27.601	-6.865	74.000	39.534	PK
3	*	5202.190	106.232	66.523	32.232	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1+2	



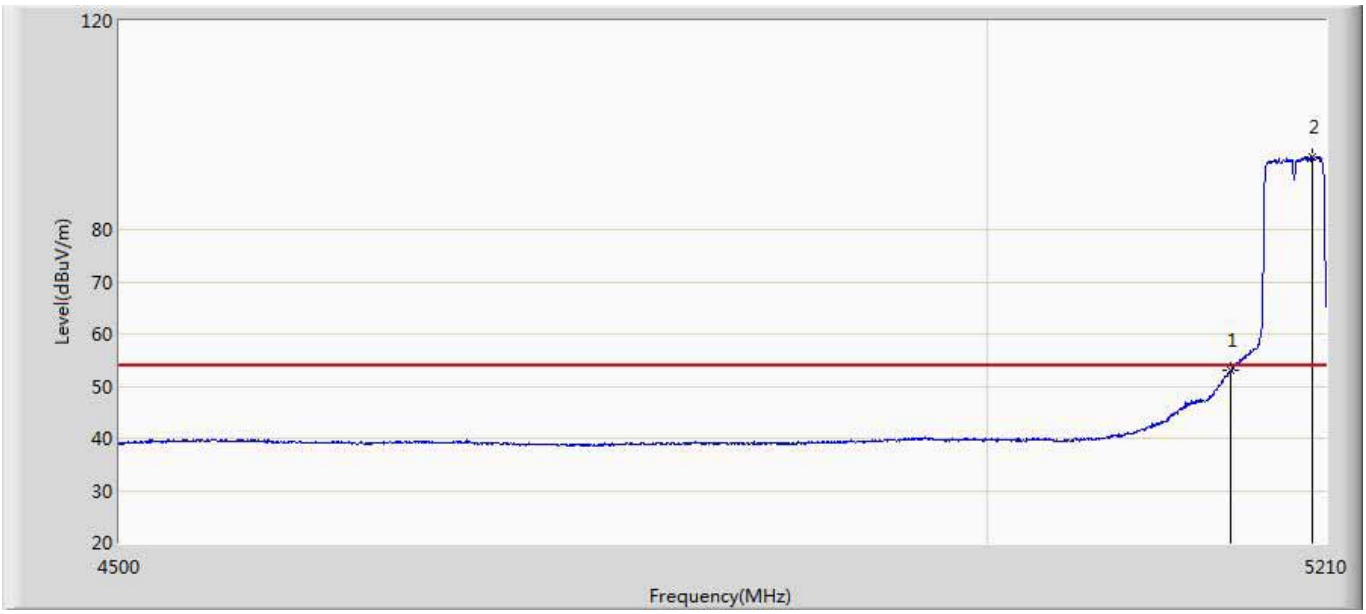
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.156	8.622	-5.844	54.000	39.534	AV
2	*	5195.090	89.424	49.751	35.424	54.000	39.673	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n40 Ant1+2	



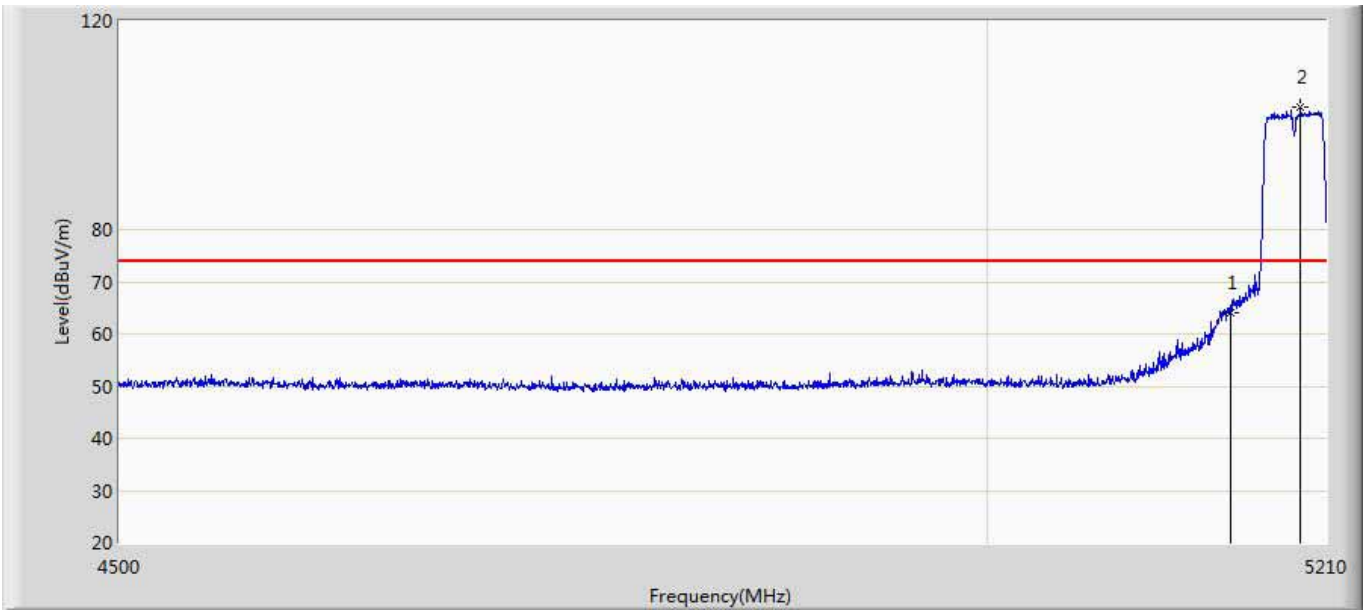
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.552	21.018	-13.448	74.000	39.534	PK
2	*	5198.640	99.674	59.969	25.674	74.000	39.705	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1	



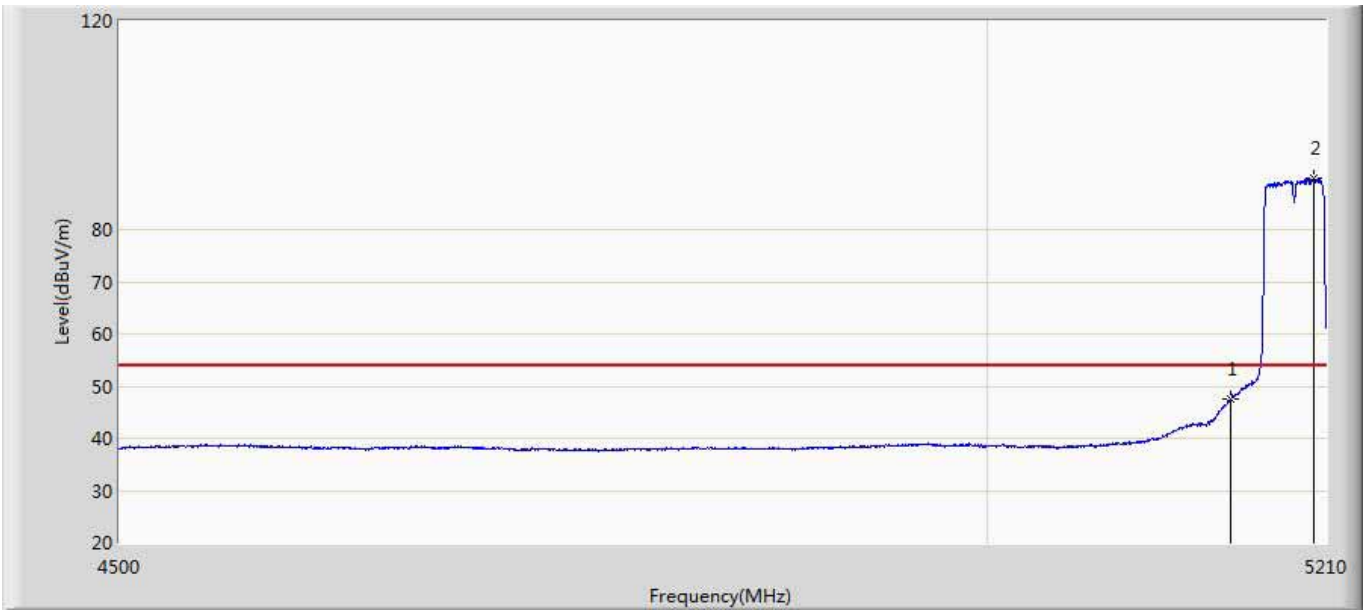
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.106	13.572	-0.894	54.000	39.534	AV
2	*	5201.835	93.896	54.187	39.896	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 22:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1	



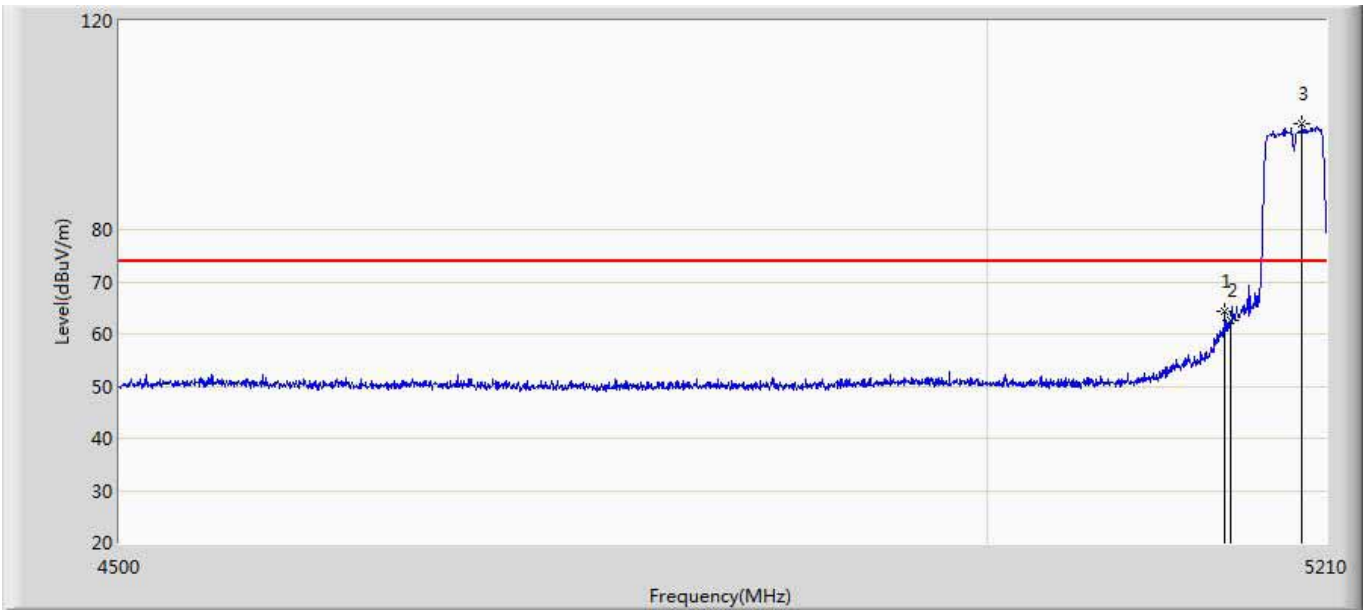
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.133	24.599	-9.867	74.000	39.534	PK
2	*	5194.025	103.470	63.807	29.470	74.000	39.663	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1	



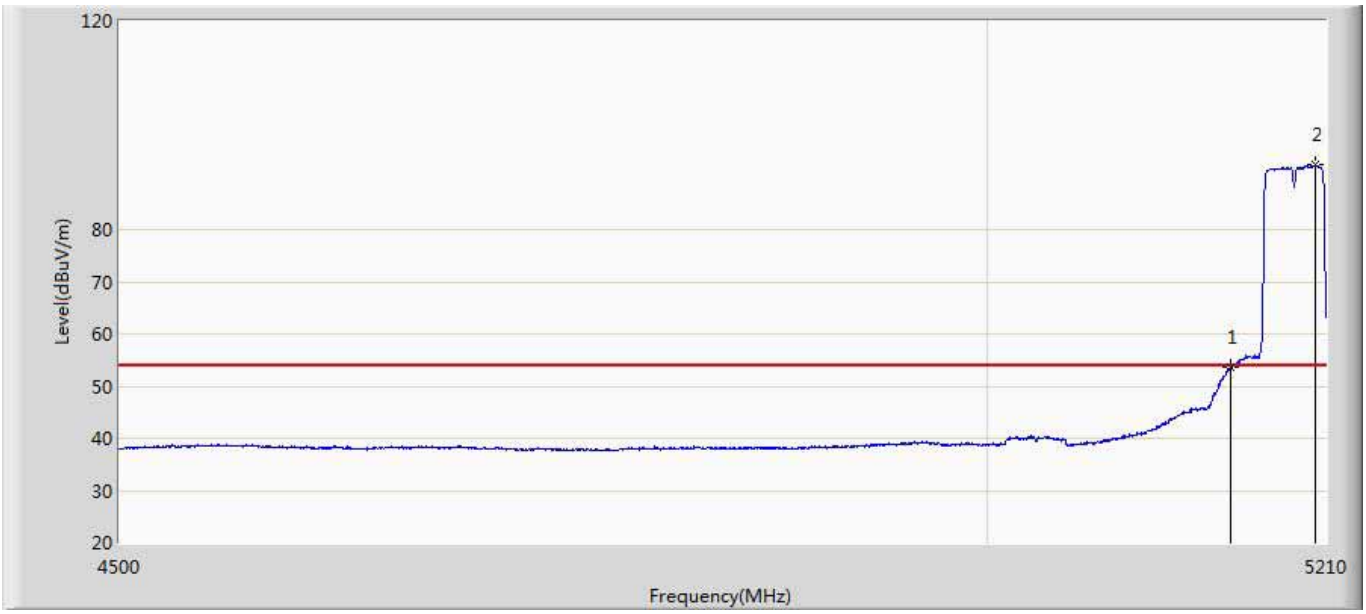
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.528	7.994	-6.472	54.000	39.534	AV
2	*	5202.545	89.745	50.036	35.745	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1	



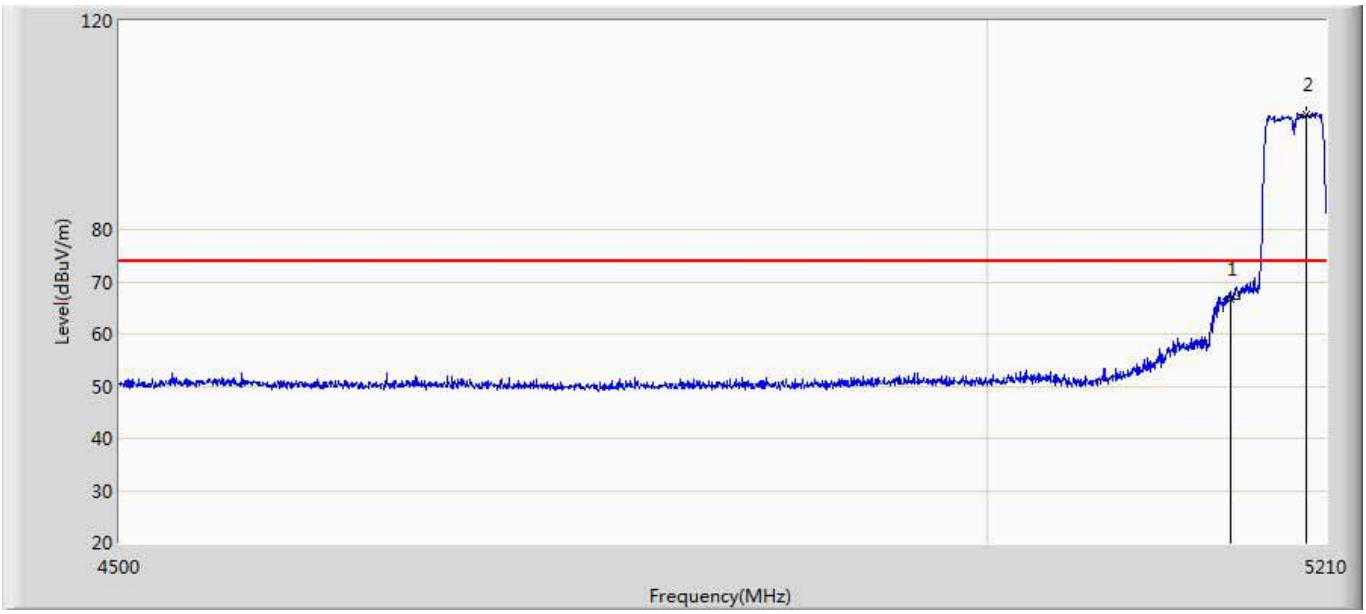
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5146.455	64.315	24.804	-9.685	74.000	39.511	PK
2		5150.000	62.633	23.099	-11.367	74.000	39.534	PK
3	*	5194.735	100.344	60.674	26.344	74.000	39.670	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant2	



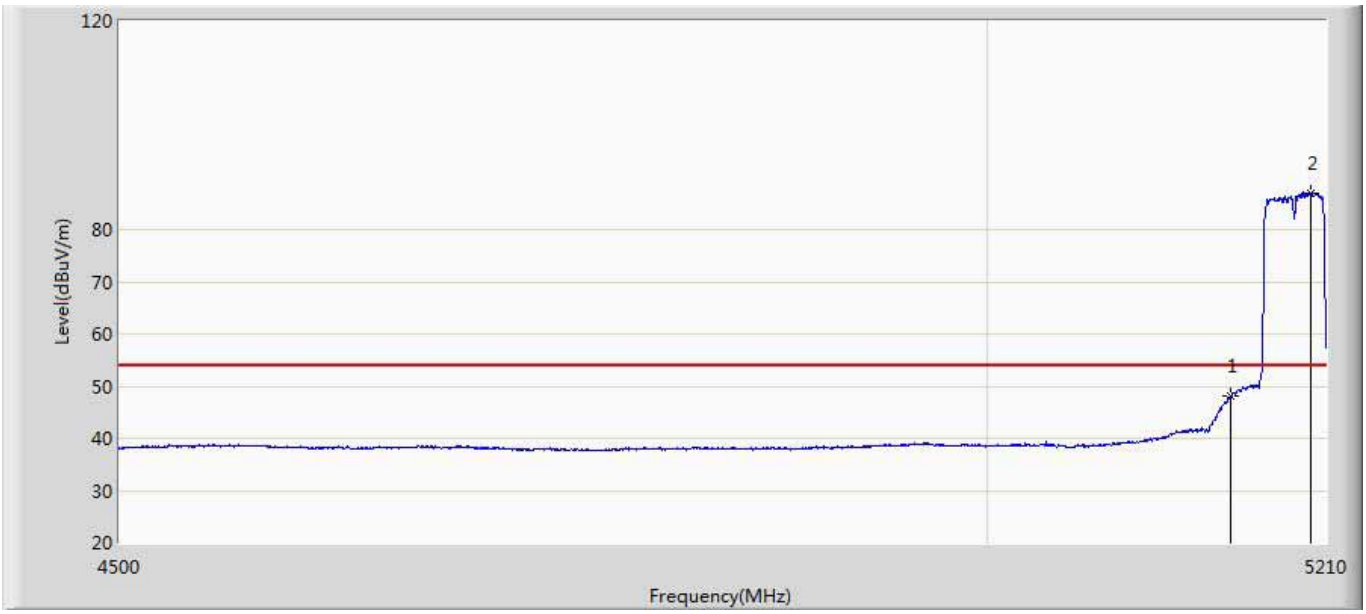
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.541	14.007	-0.459	54.000	39.534	AV
2	*	5202.900	92.376	52.667	38.376	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant2	



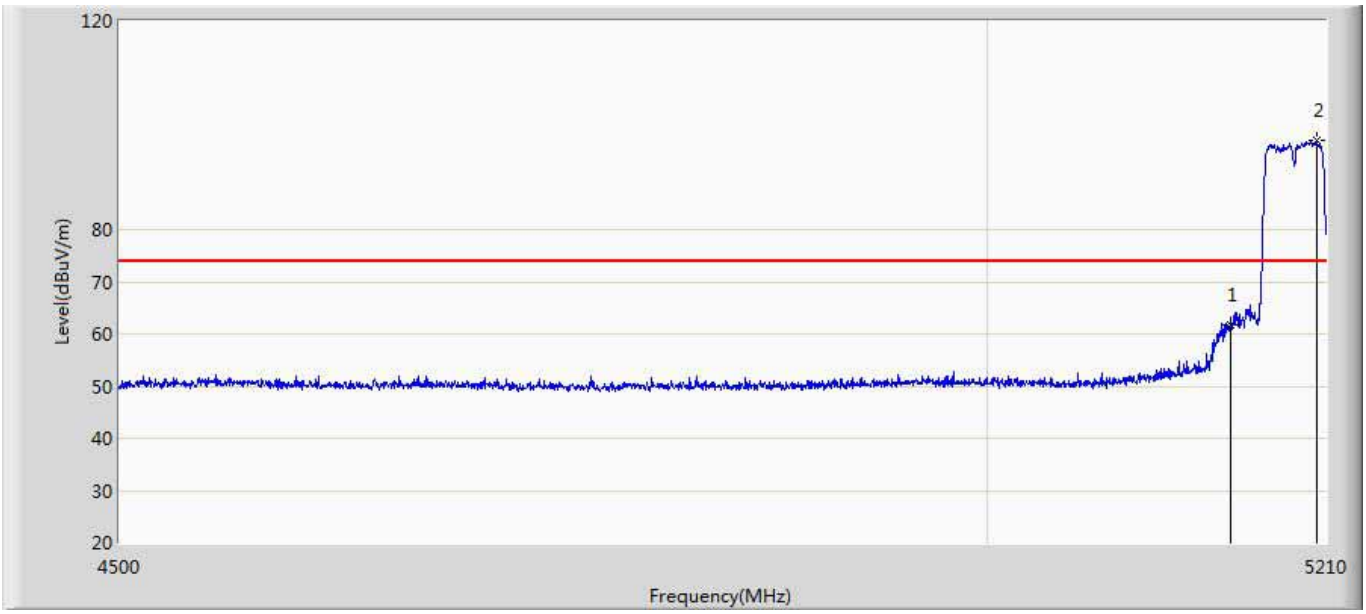
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.776	27.242	-7.224	74.000	39.534	PK
2	*	5197.930	102.168	62.469	28.168	74.000	39.699	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant2	



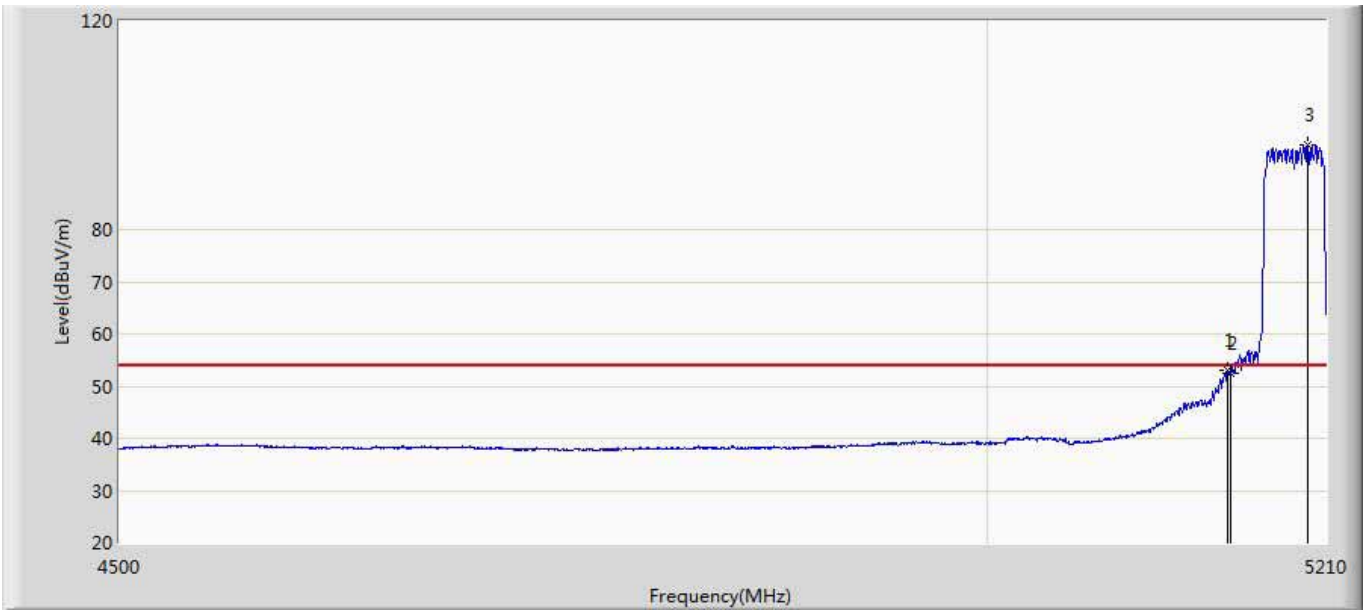
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.163	8.629	-5.837	54.000	39.534	AV
2	*	5200.060	86.937	47.228	32.937	54.000	39.708	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant2	



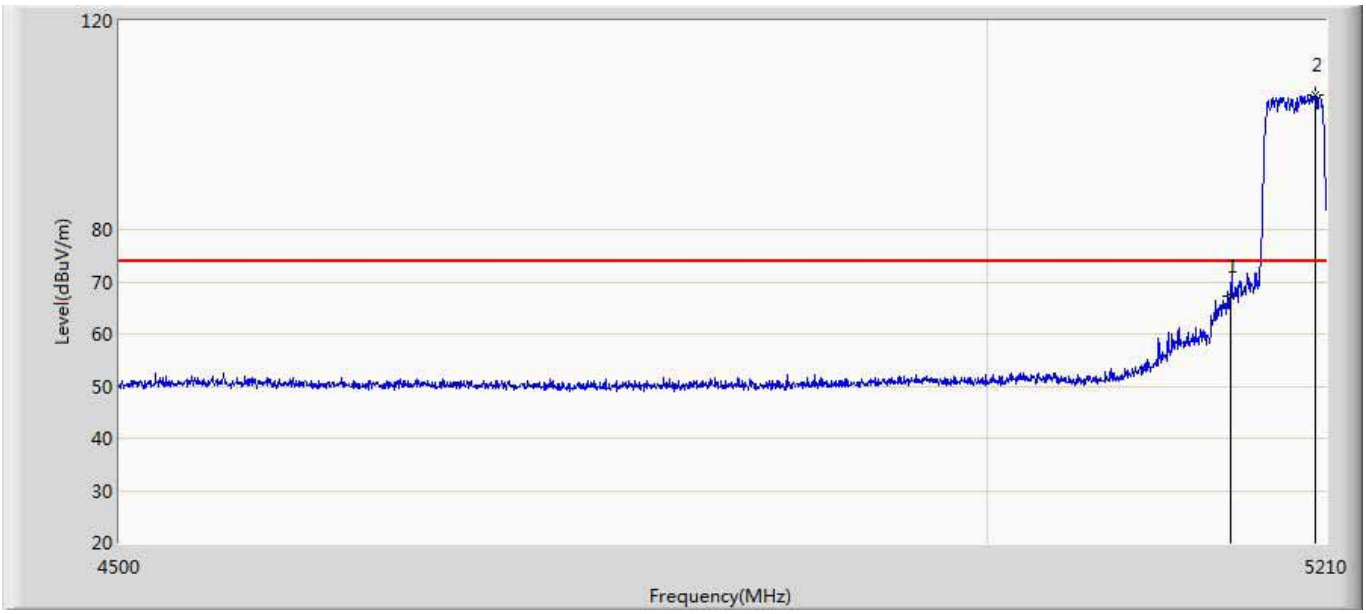
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.711	22.177	-12.289	74.000	39.534	PK
2	*	5204.320	97.184	57.475	23.184	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1+2	



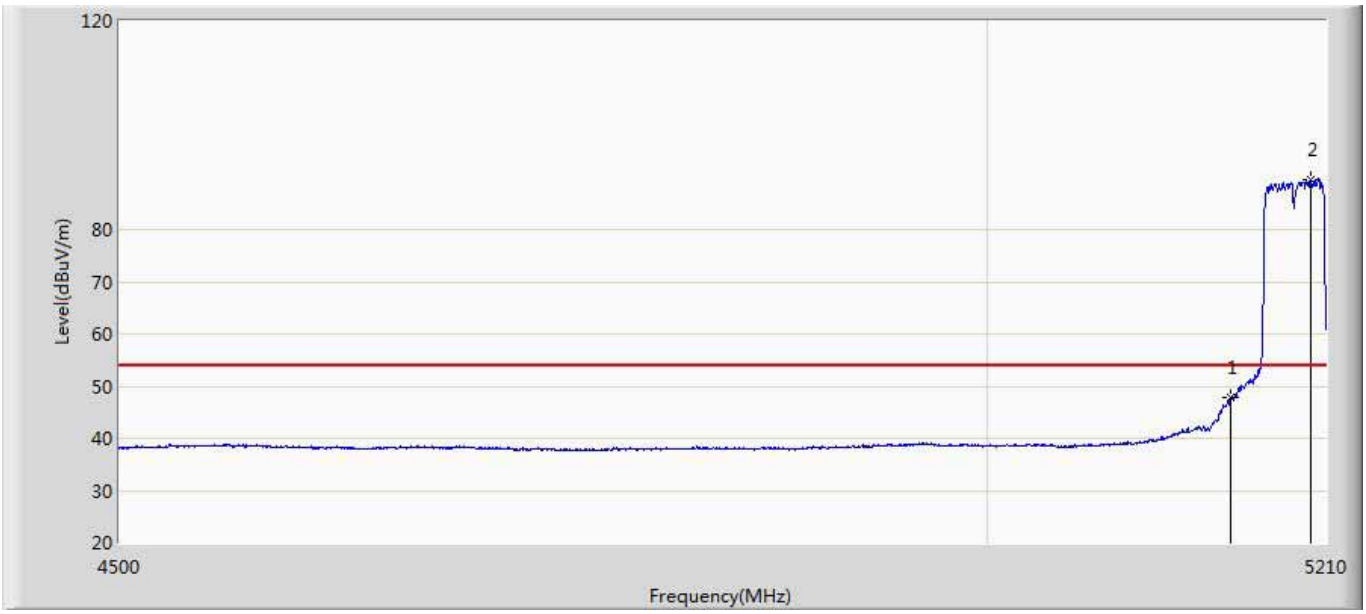
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5148.585	52.970	13.450	-1.030	54.000	39.521	AV
2		5150.000	52.568	13.034	-1.432	54.000	39.534	AV
3	*	5198.285	96.287	56.585	42.287	54.000	39.702	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1+2	



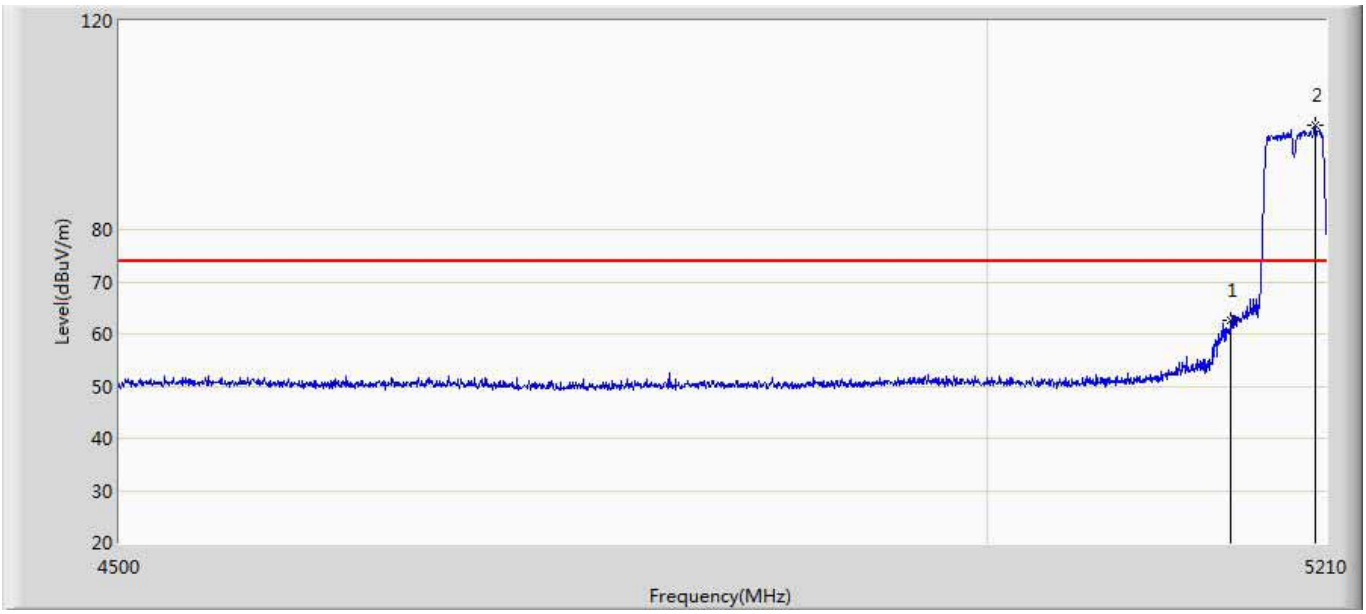
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.291	27.757	-6.709	74.000	39.534	PK
2	*	5203.255	105.872	66.163	31.872	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1+2	



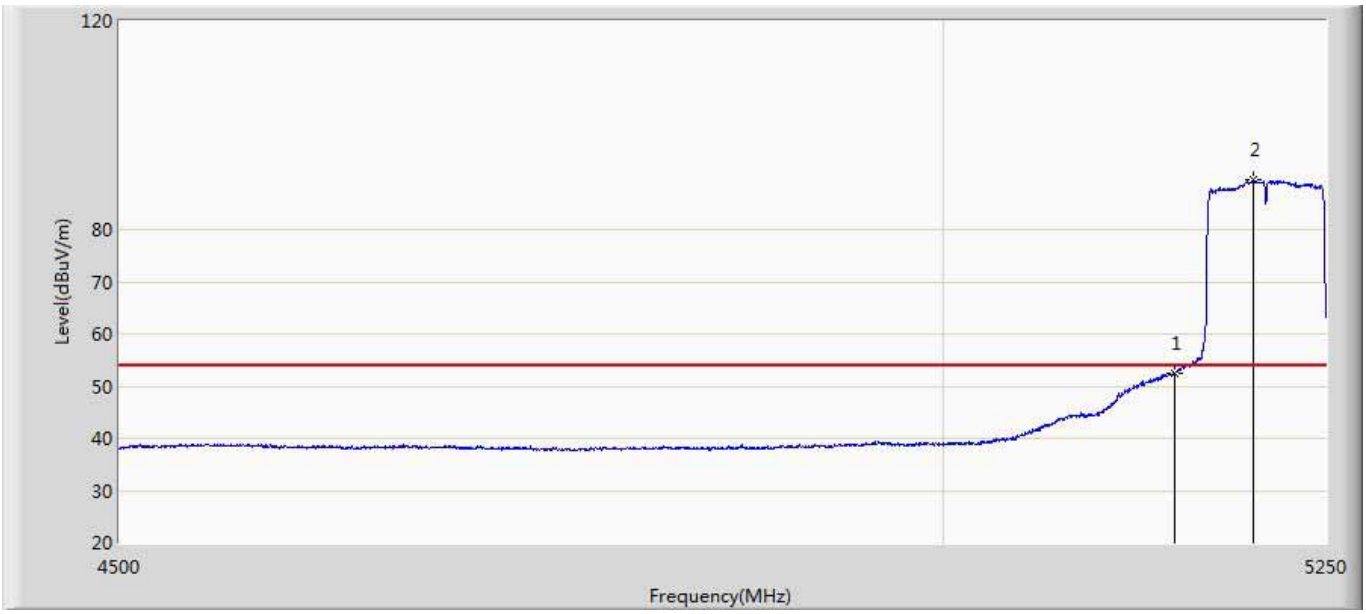
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.881	8.347	-6.119	54.000	39.534	AV
2	*	5200.060	89.546	49.837	35.546	54.000	39.708	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac40 Ant1+2	



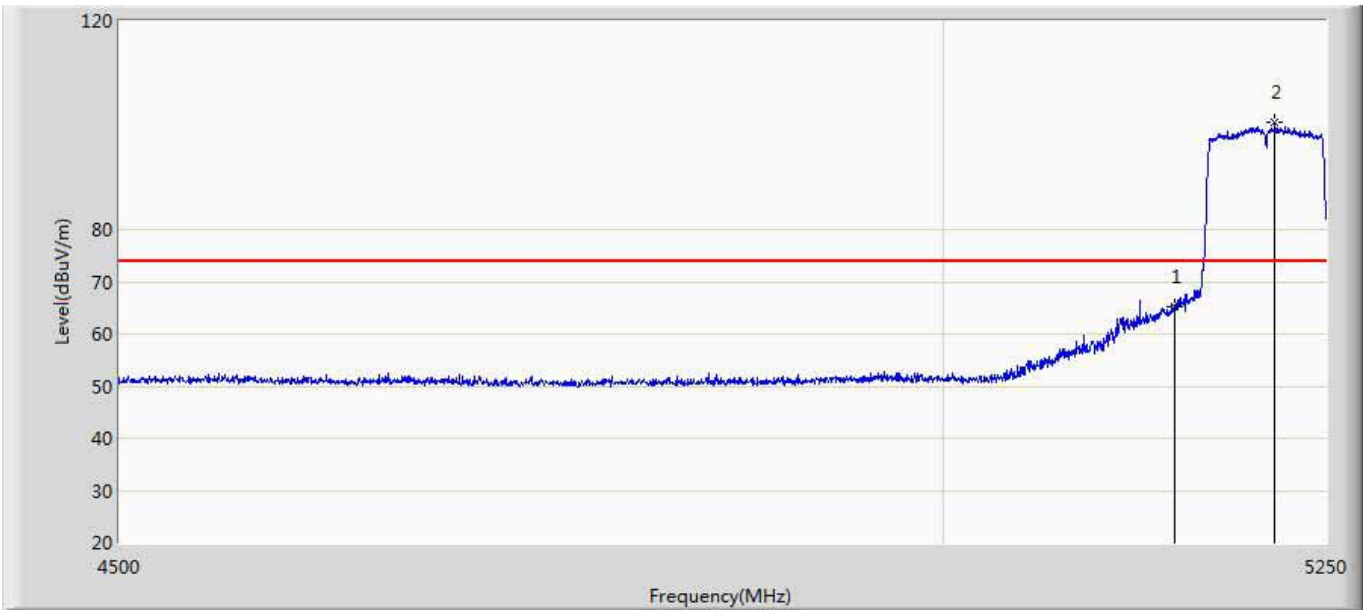
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.657	23.123	-11.343	74.000	39.534	PK
2	*	5203.610	99.894	60.185	25.894	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1	



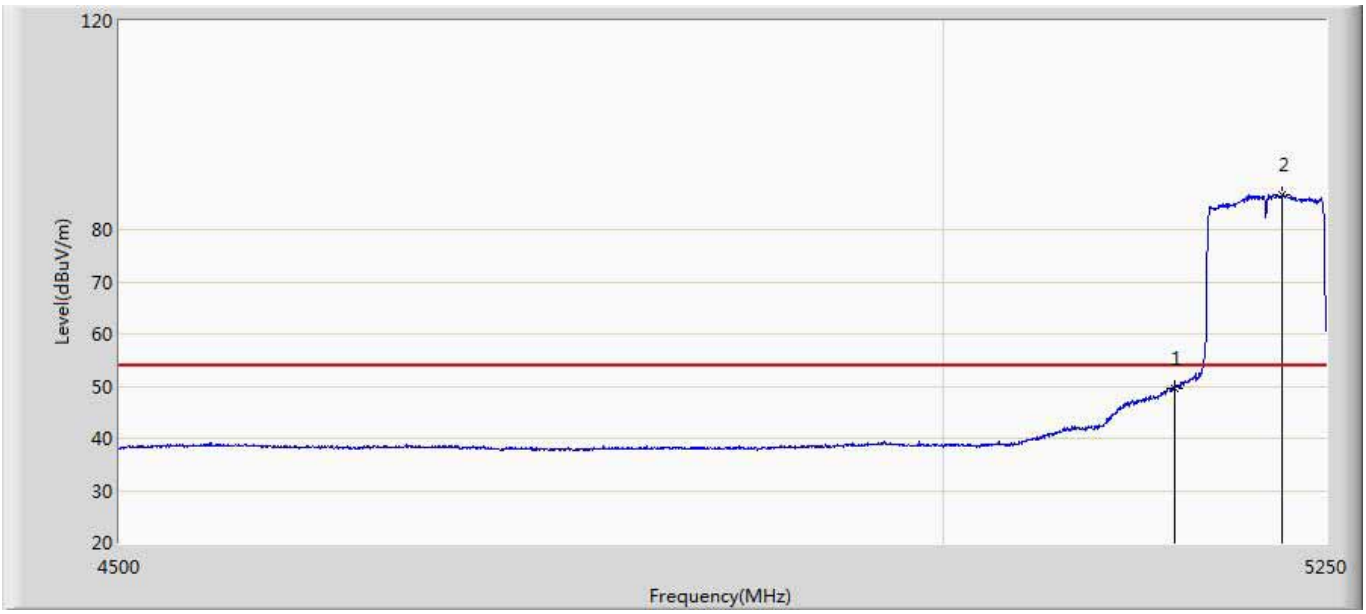
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.606	13.072	-1.394	54.000	39.534	AV
2	*	5201.250	89.435	49.726	35.435	54.000	39.708	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1	



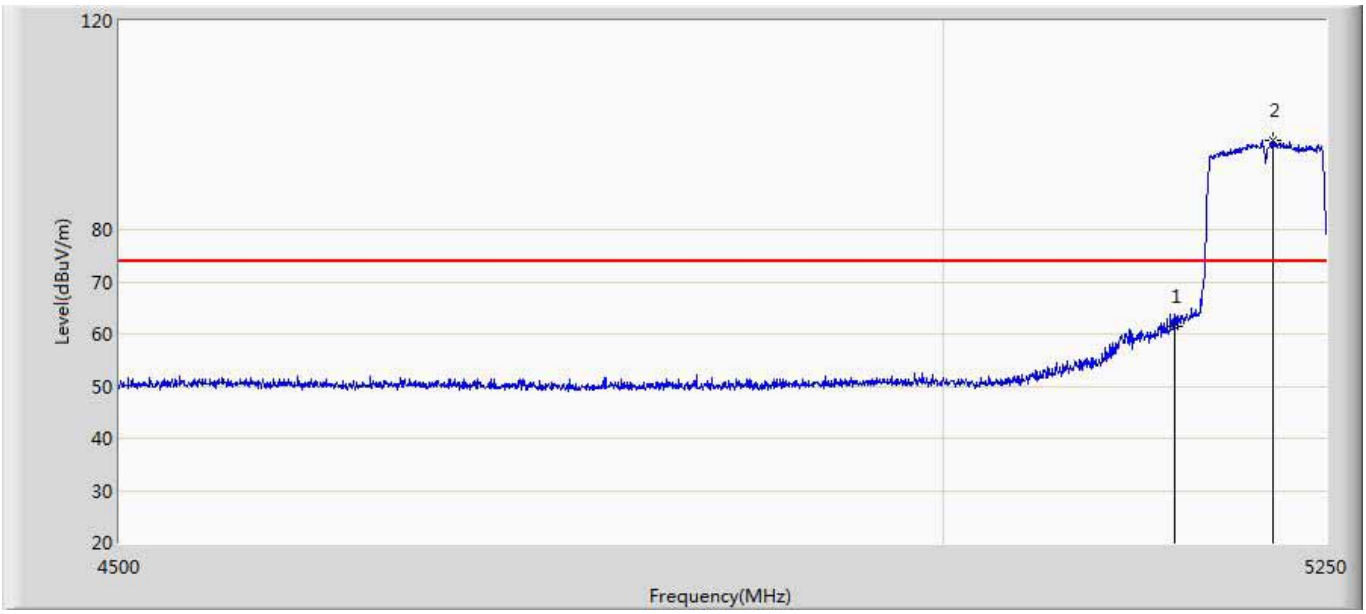
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.128	25.594	-8.872	74.000	39.534	PK
2	*	5215.875	100.557	60.847	26.557	74.000	39.711	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1	



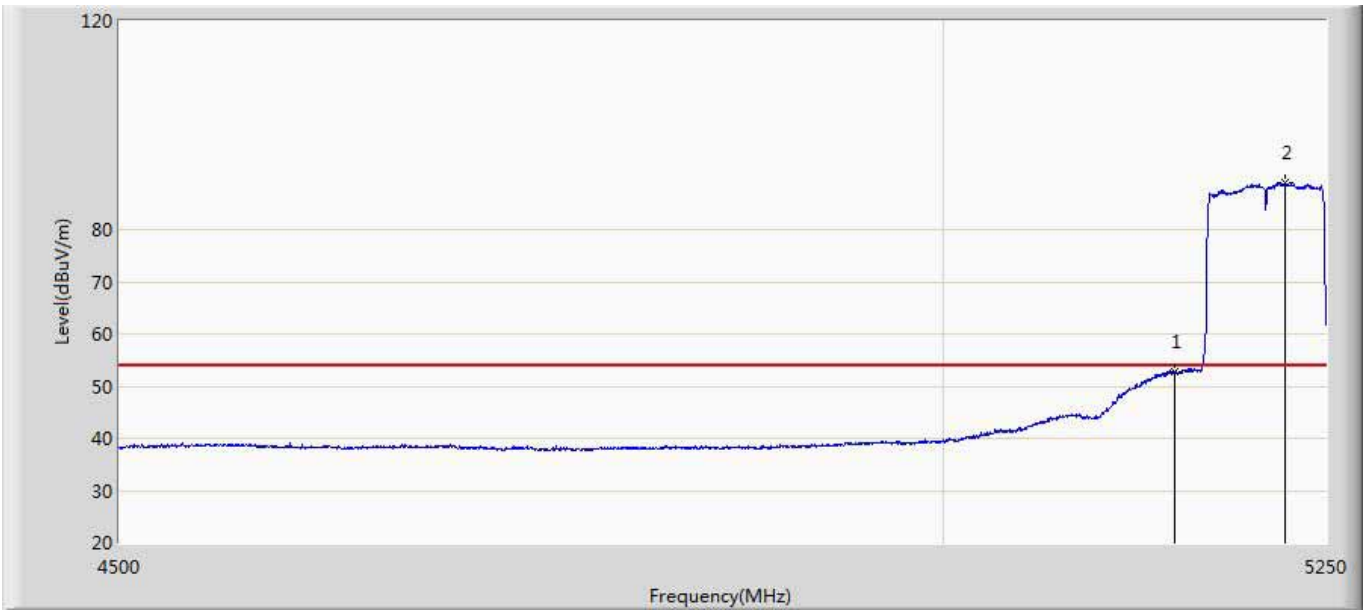
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.696	10.162	-4.304	54.000	39.534	AV
2	*	5221.125	86.742	47.059	32.742	54.000	39.683	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1	



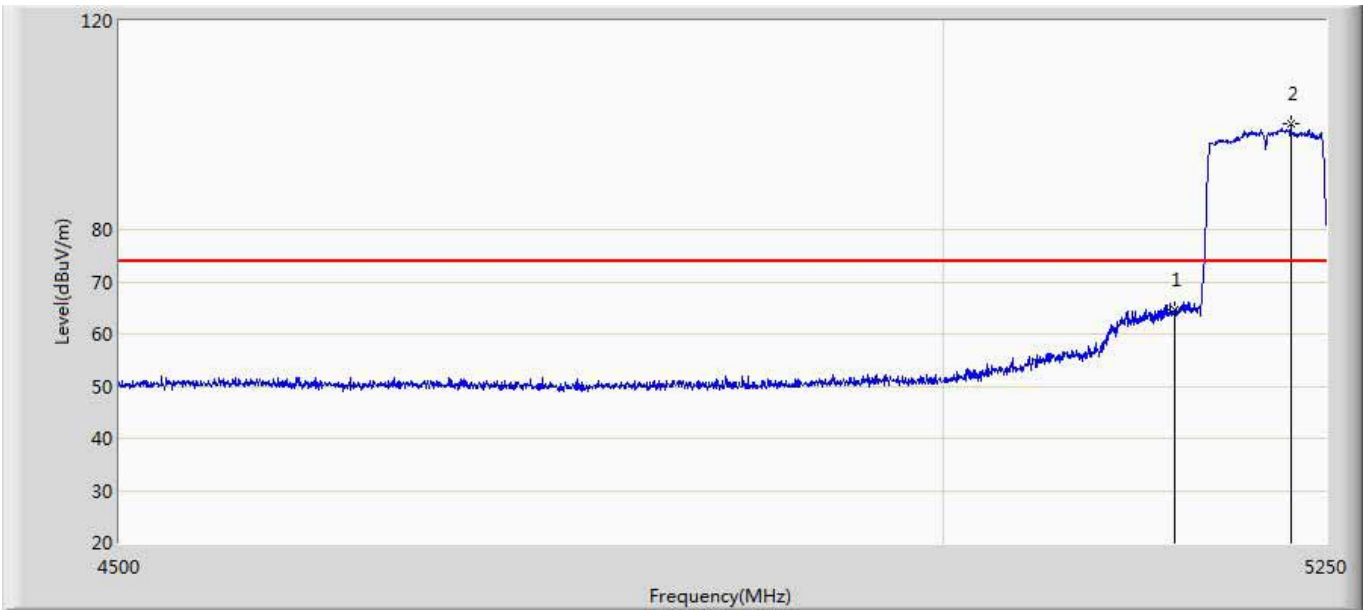
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.382	21.848	-12.618	74.000	39.534	PK
2	*	5214.375	97.075	57.365	23.075	74.000	39.710	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant2	



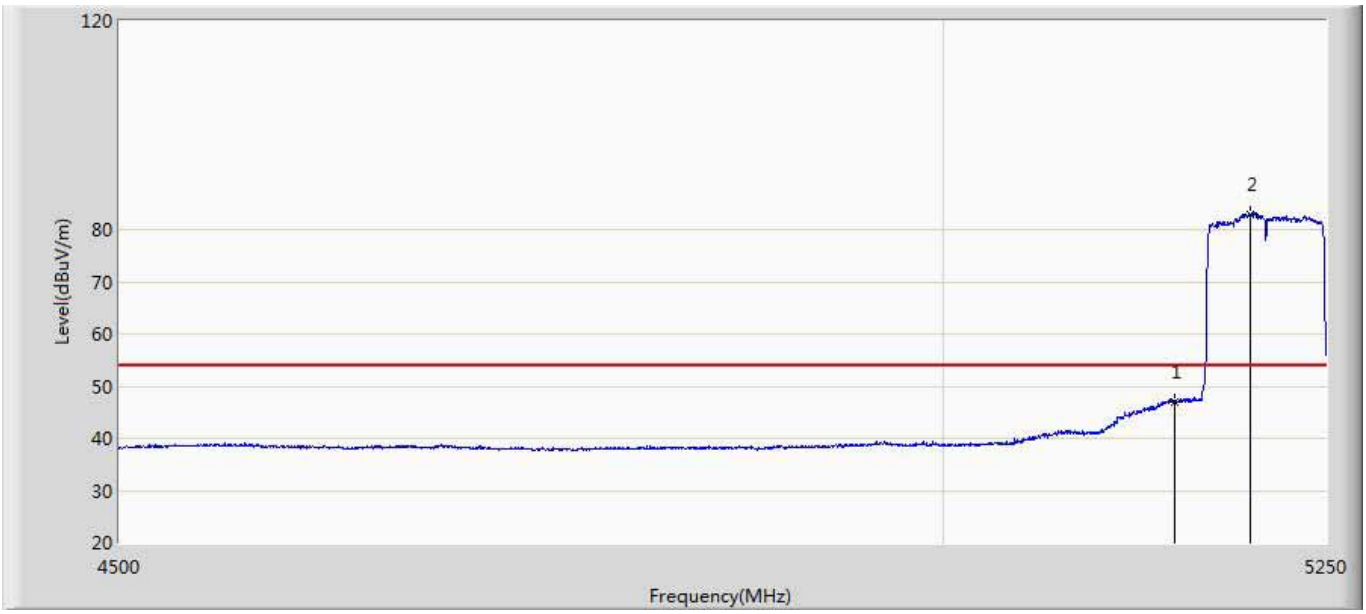
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.706	13.172	-1.294	54.000	39.534	AV
2	*	5222.250	88.895	49.218	34.895	54.000	39.676	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant2	



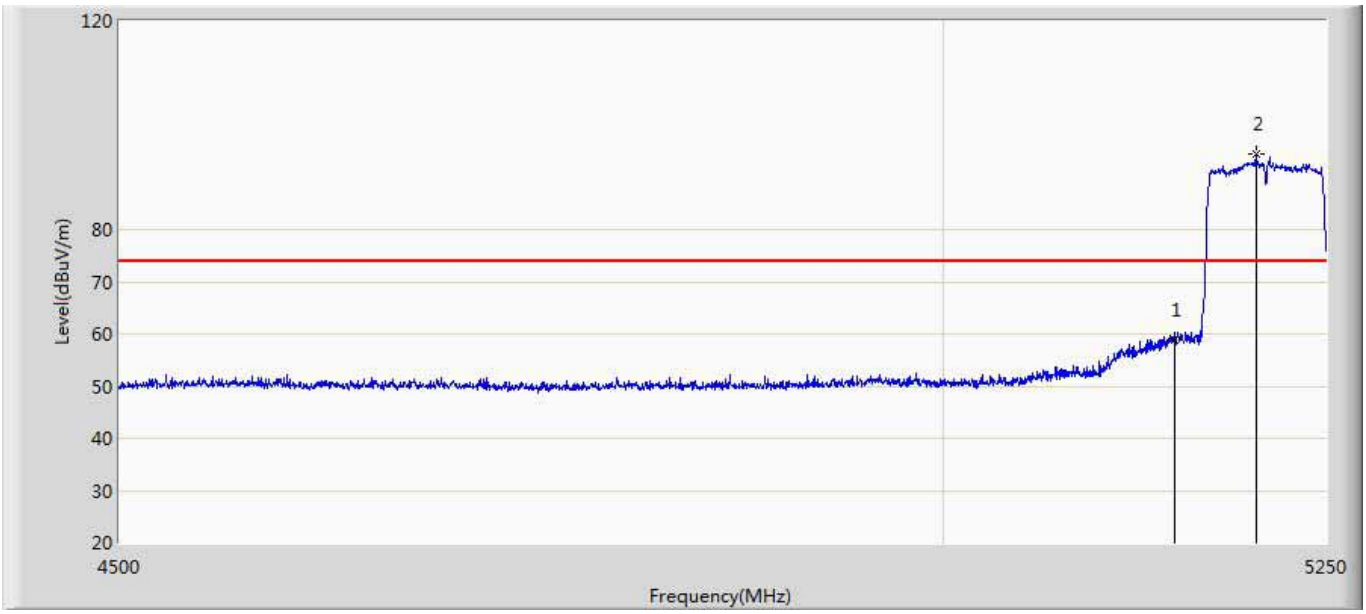
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.698	25.164	-9.302	74.000	39.534	PK
2	*	5226.375	100.211	60.557	26.211	74.000	39.654	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant2	



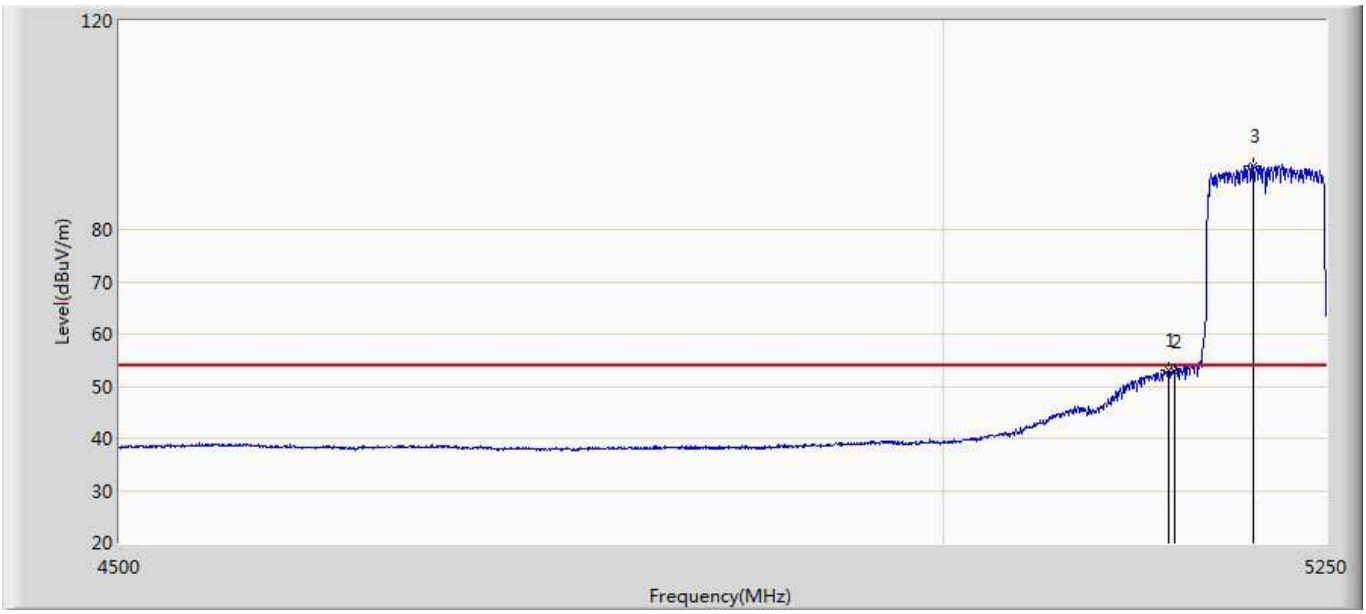
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.062	7.528	-6.938	54.000	39.534	AV
2	*	5199.750	82.998	43.290	28.998	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/22 - 23:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant2	



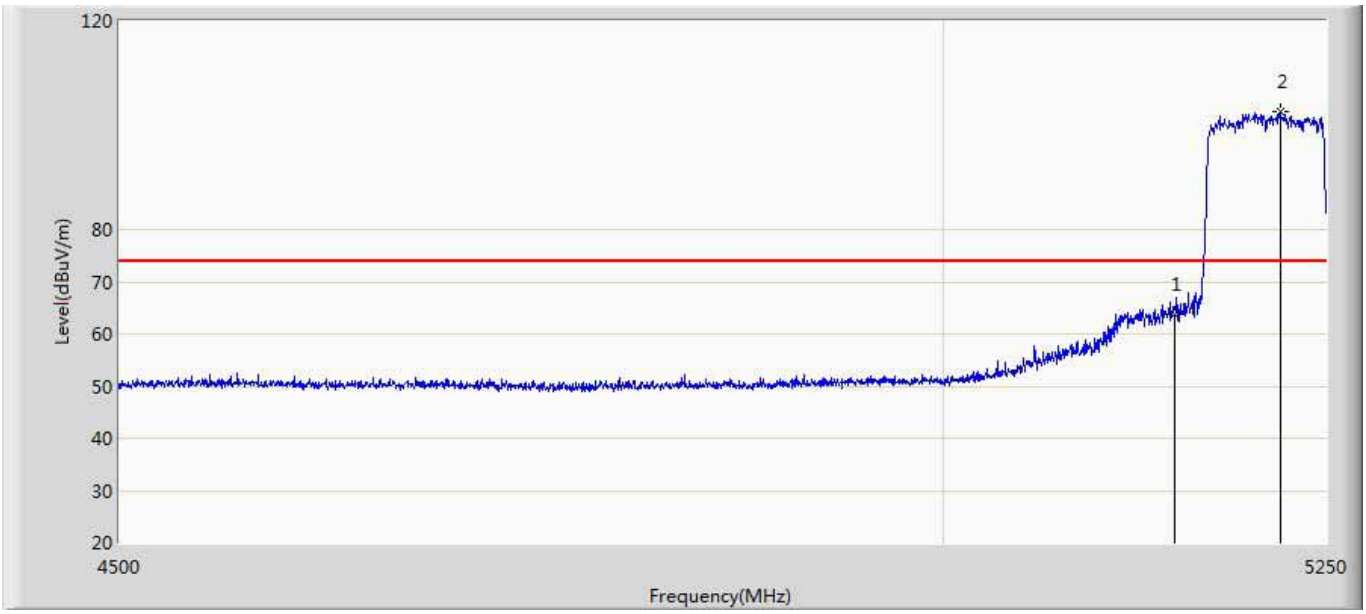
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.744	19.210	-15.256	74.000	39.534	PK
2	*	5203.125	94.398	54.689	20.398	74.000	39.709	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/23 - 00:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1+2	



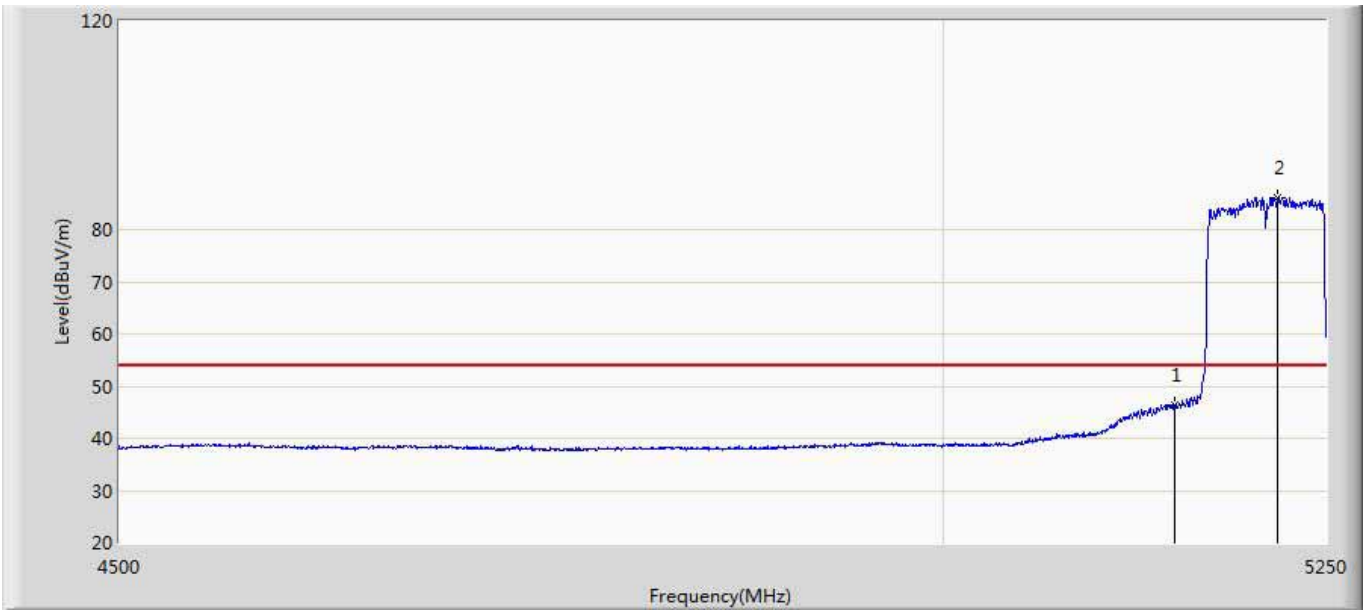
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5145.375	53.099	13.590	-0.901	54.000	39.509	AV
2		5150.000	52.718	13.184	-1.282	54.000	39.534	AV
3	*	5201.250	92.255	52.546	38.255	54.000	39.708	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/23 - 00:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1+2	



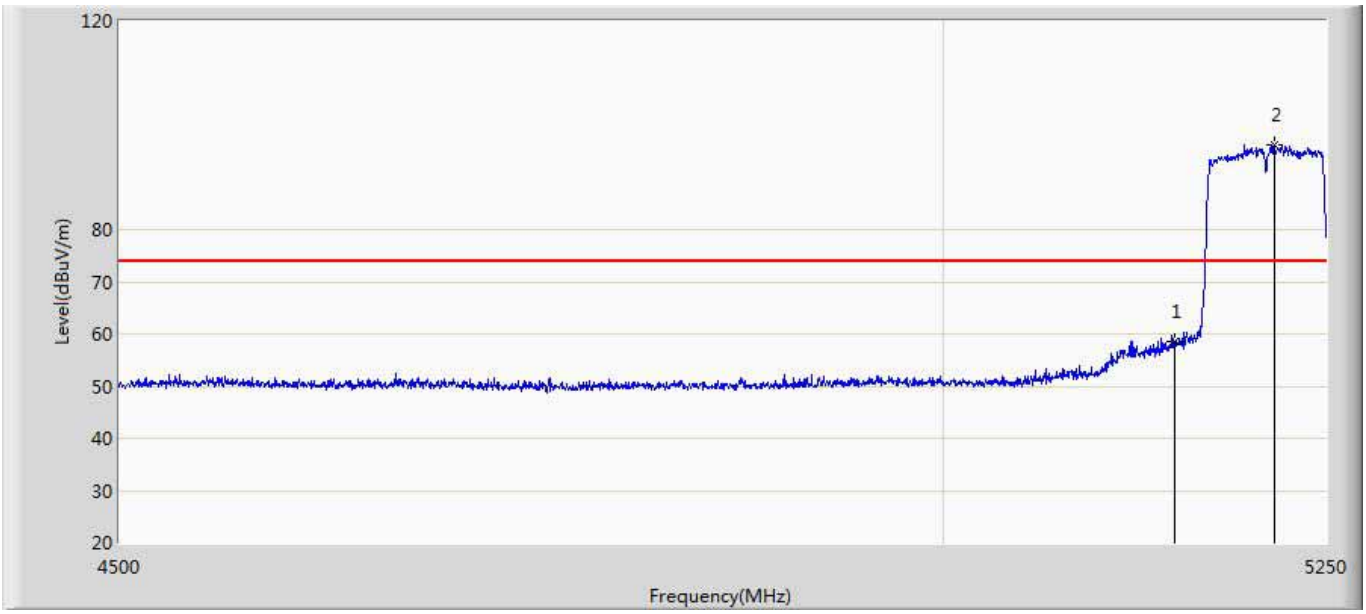
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.635	24.101	-10.365	74.000	39.534	PK
2	*	5219.250	102.731	63.038	28.731	74.000	39.693	PK

Engineer: Eric	
Site: AC5	Time: 2018/01/23 - 00:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1+2	



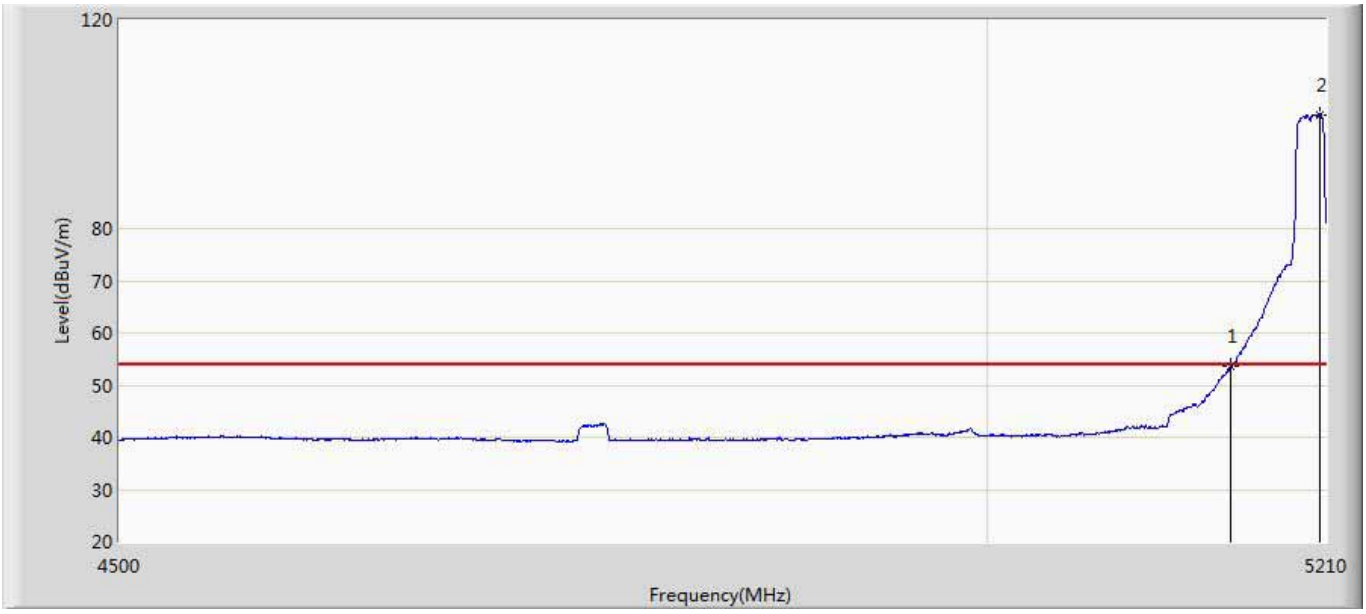
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.400	6.866	-7.600	54.000	39.534	AV
2	*	5218.125	86.083	46.384	32.083	54.000	39.699	AV

Engineer: Eric	
Site: AC5	Time: 2018/01/23 - 00:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac80 Ant1+2	



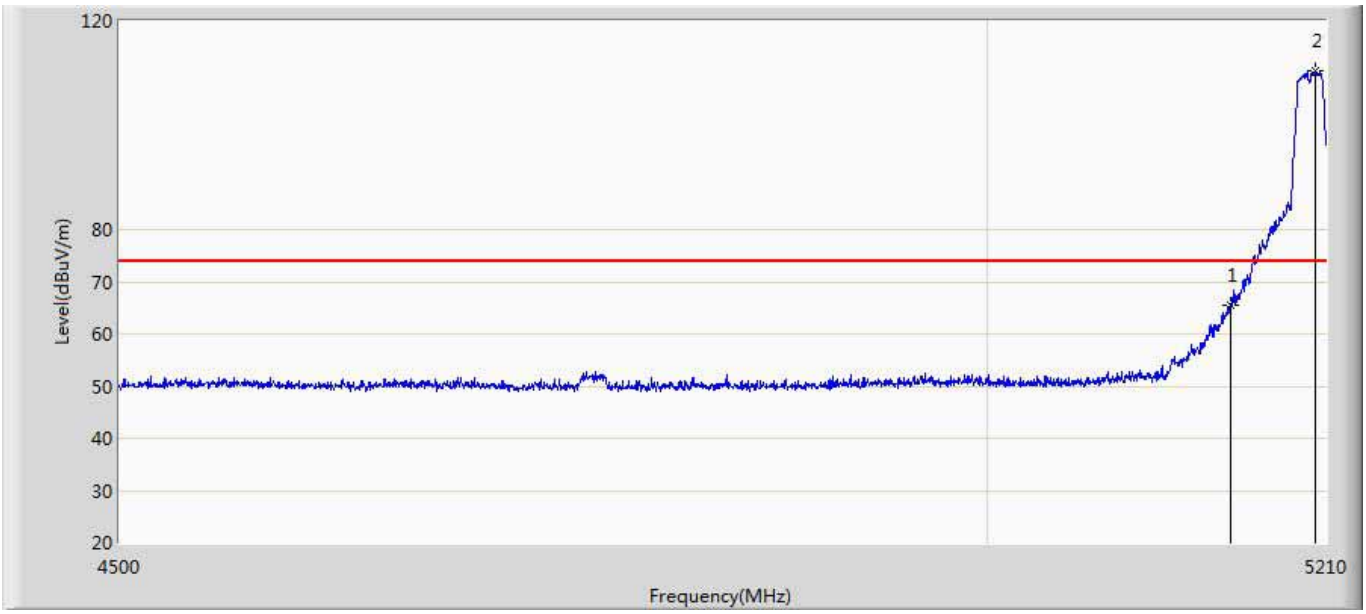
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.639	19.105	-15.361	74.000	39.534	PK
2	*	5215.875	96.201	56.491	22.201	74.000	39.711	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1	



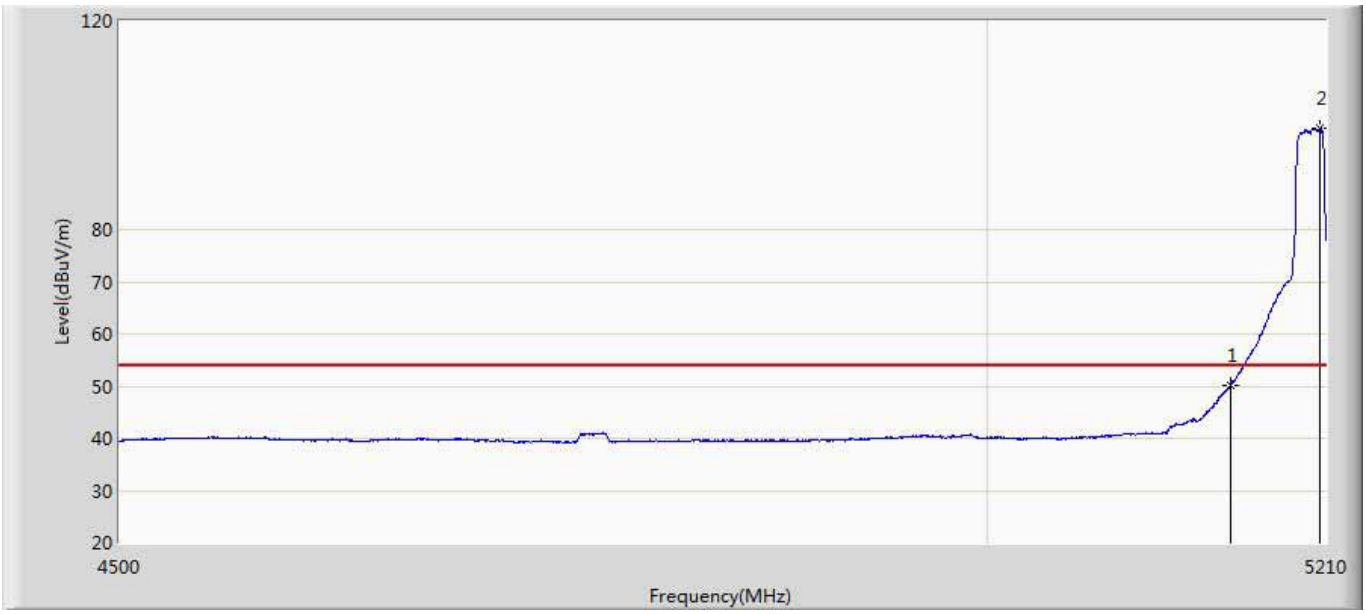
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.486	13.952	-0.514	54.000	39.534	AV
2	*	5206.095	101.882	62.173	47.882	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1	



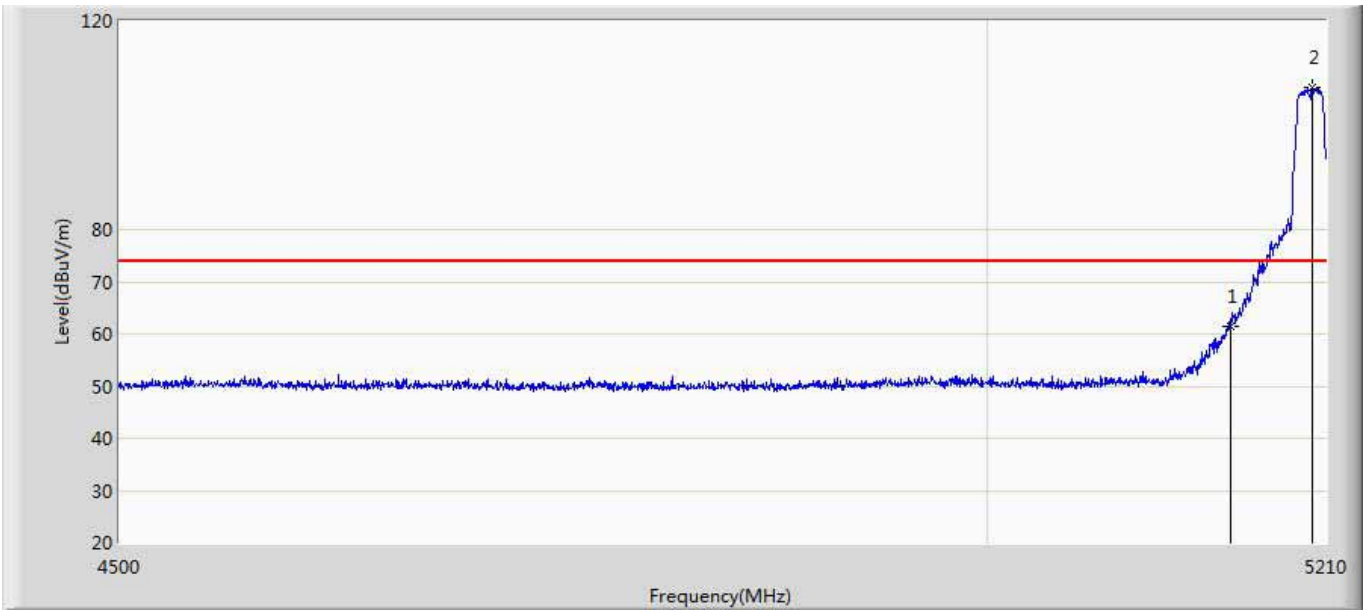
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.451	25.917	-8.549	74.000	39.534	PK
2	*	5203.610	110.513	70.804	36.513	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1	



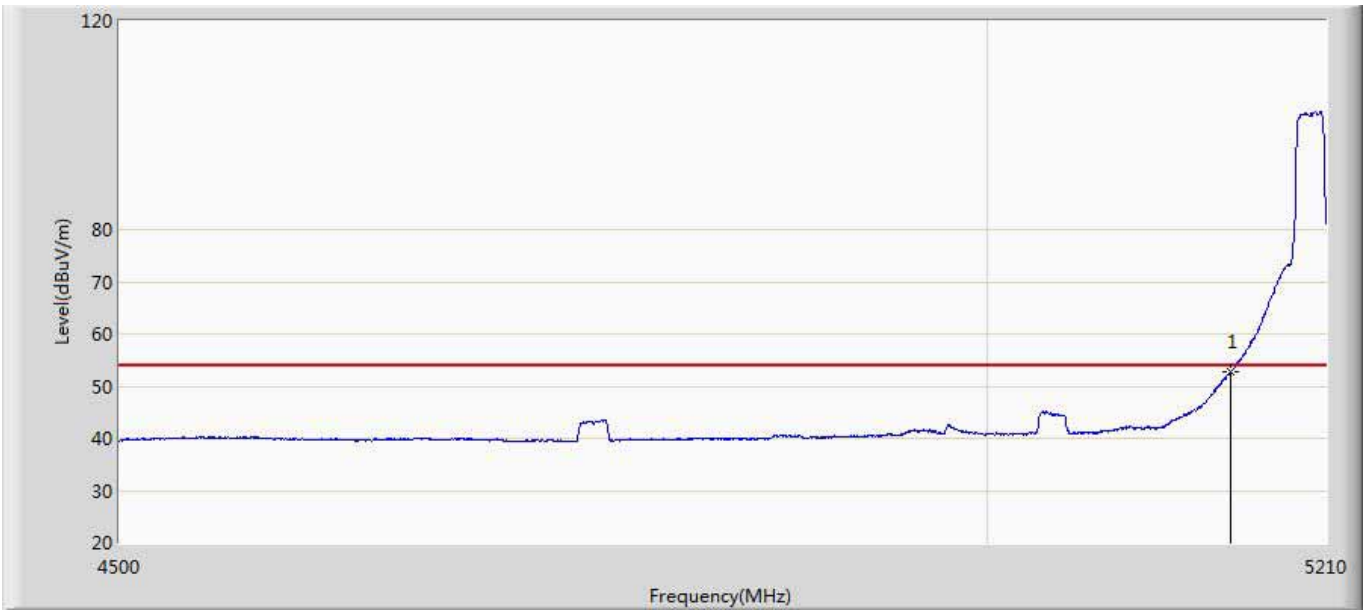
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.250	10.716	-3.750	54.000	39.534	AV
2	*	5206.095	99.406	59.697	45.406	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1	



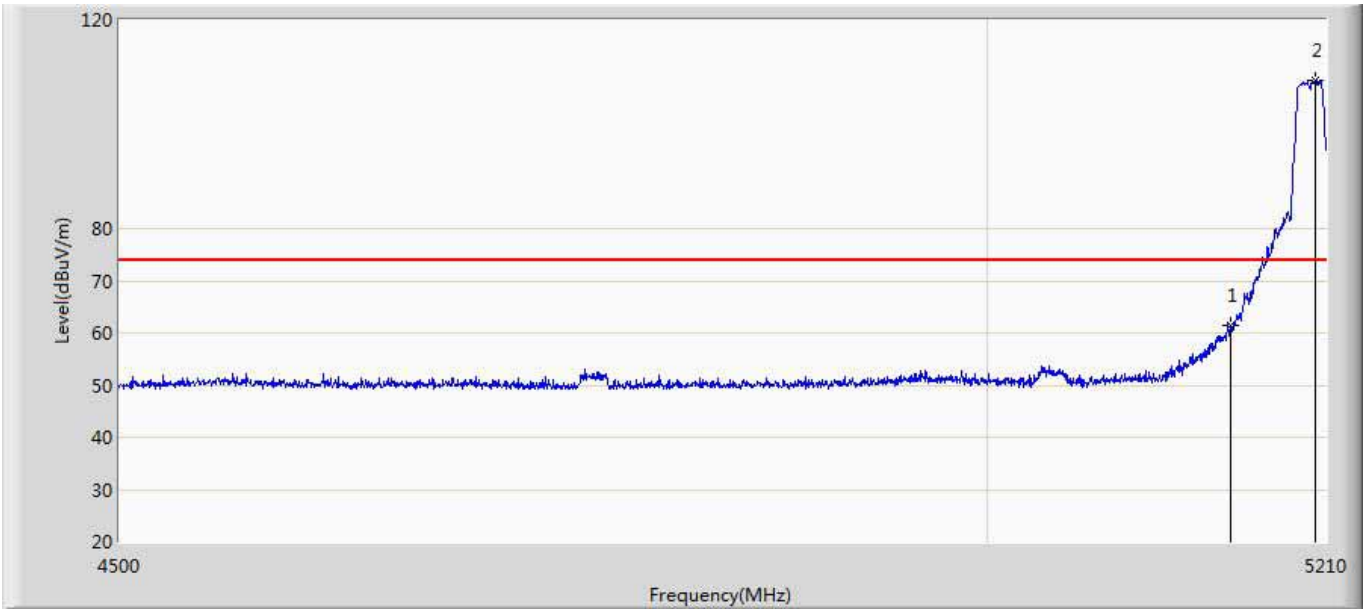
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.366	21.832	-12.634	74.000	39.534	PK
2	*	5201.125	107.120	67.411	33.120	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a ant2	



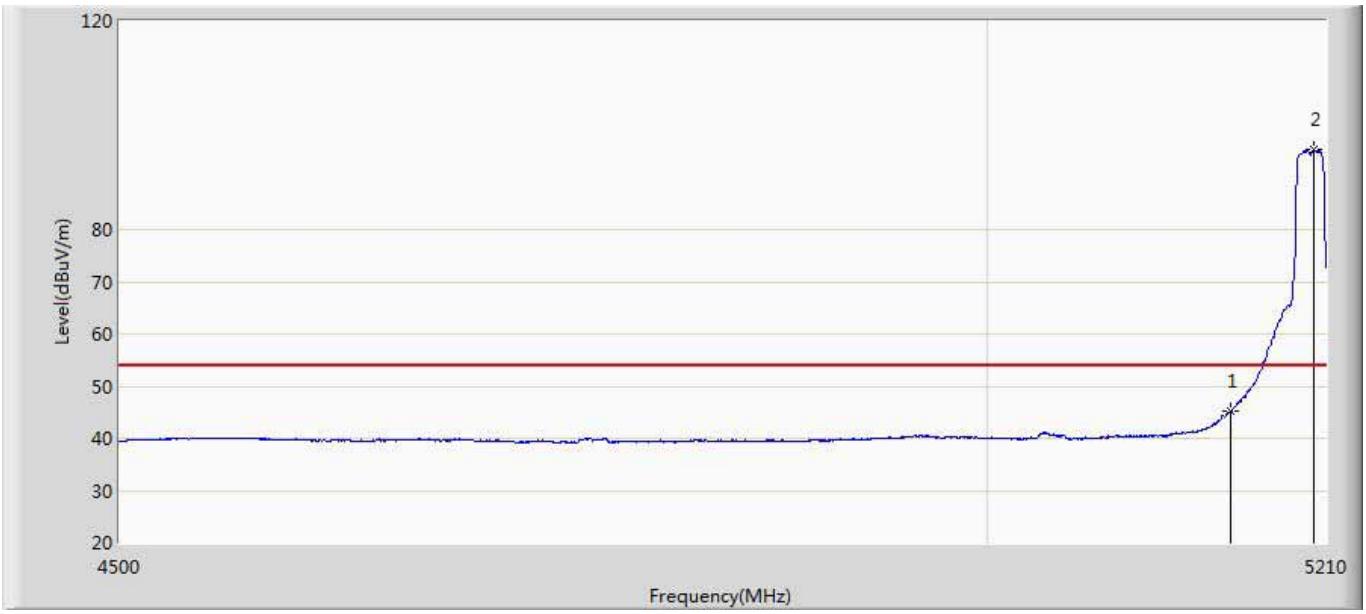
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	52.802	13.268	-1.198	54.000	39.534	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant2	



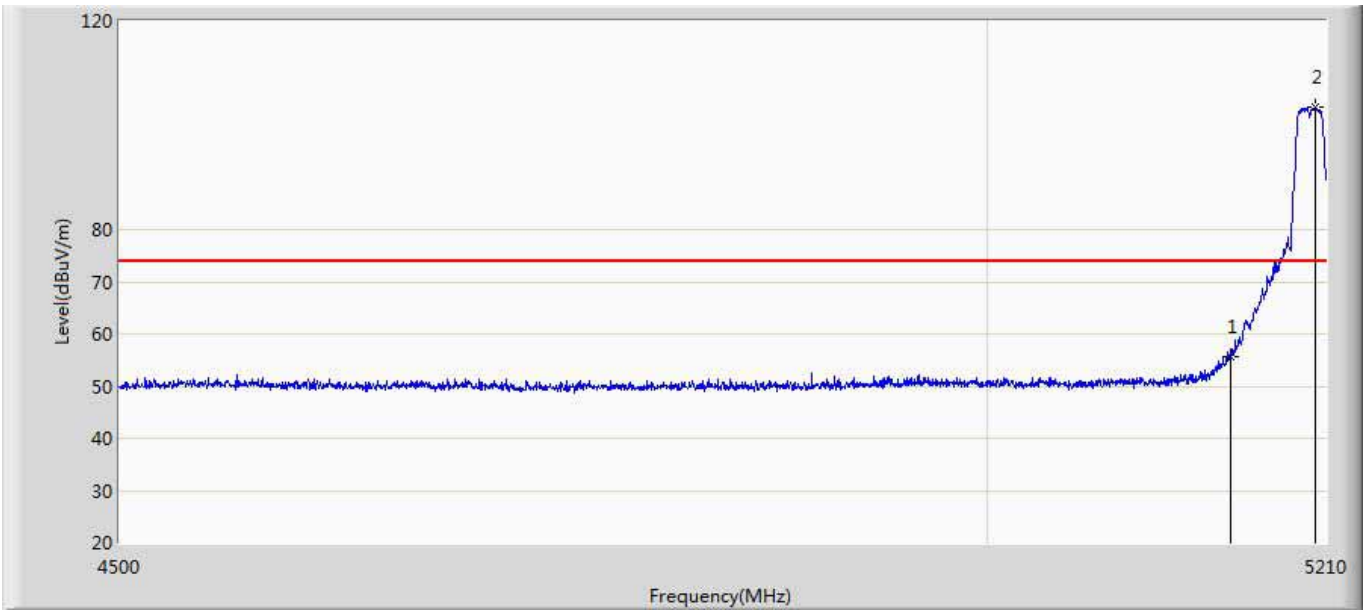
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.464	21.930	-12.536	74.000	39.534	PK
2	*	5203.610	108.502	68.793	34.502	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant2	



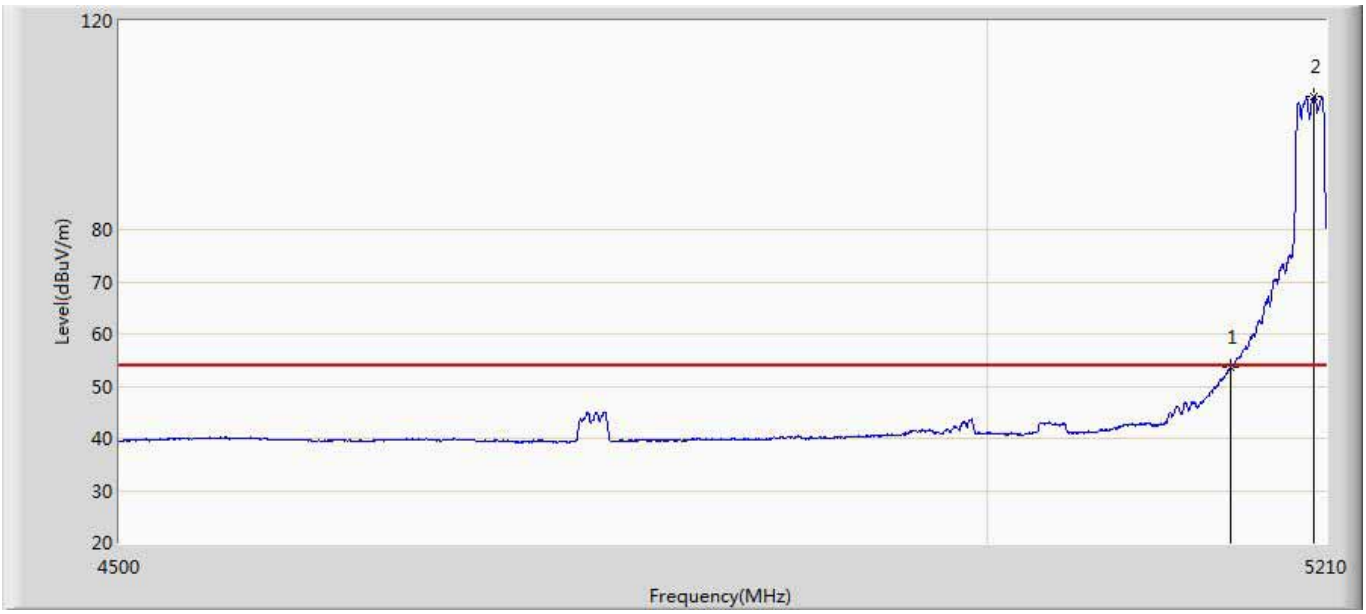
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	45.094	5.560	-8.906	54.000	39.534	AV
2	*	5202.545	95.316	55.607	41.316	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant2	



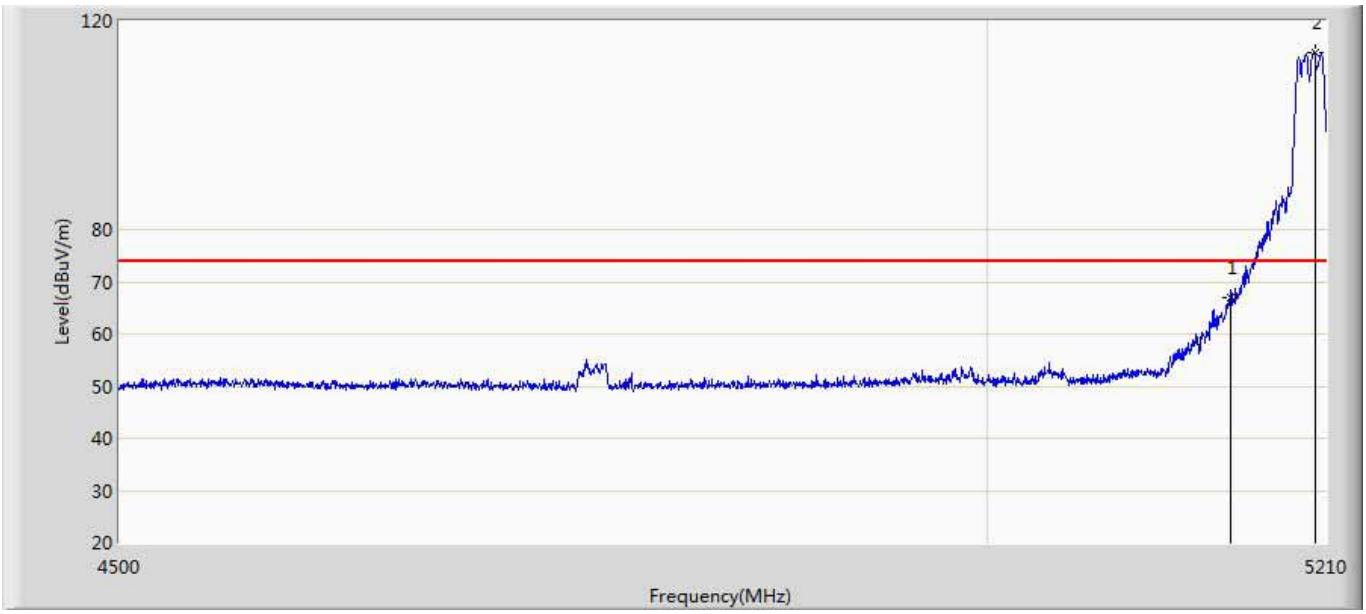
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	55.523	15.989	-18.477	74.000	39.534	PK
2	*	5203.610	103.438	63.729	29.438	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1+2	



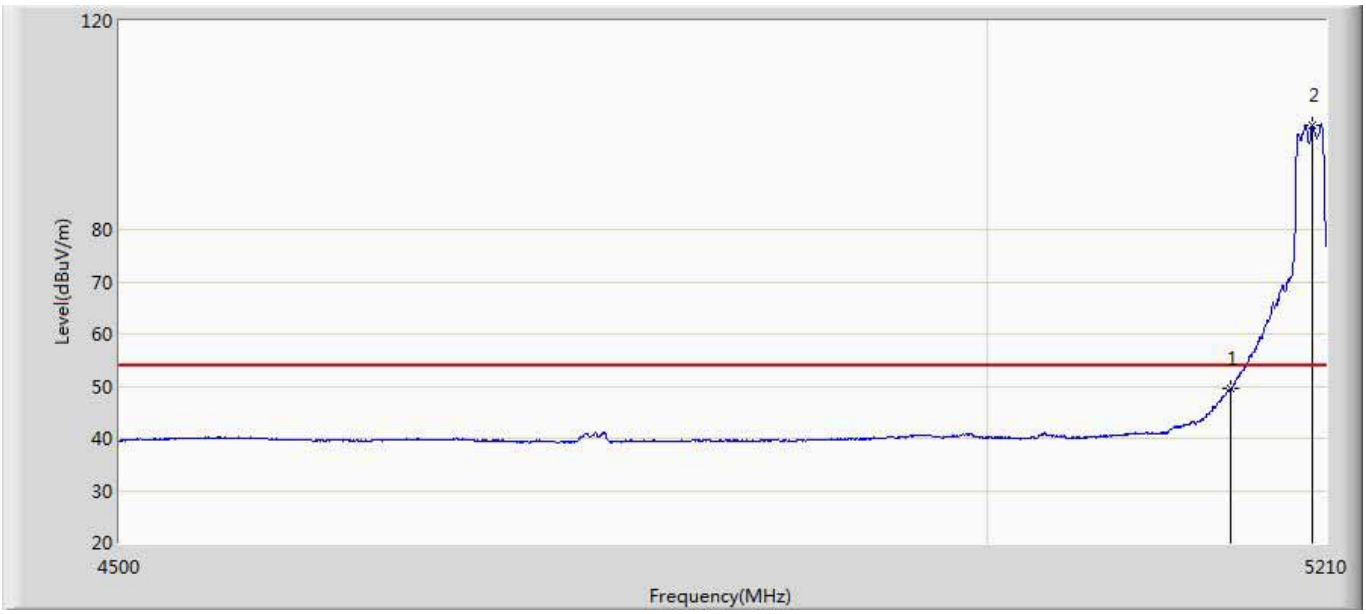
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.614	14.080	-0.386	54.000	39.534	AV
2	*	5202.545	105.430	65.721	51.430	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1+2	



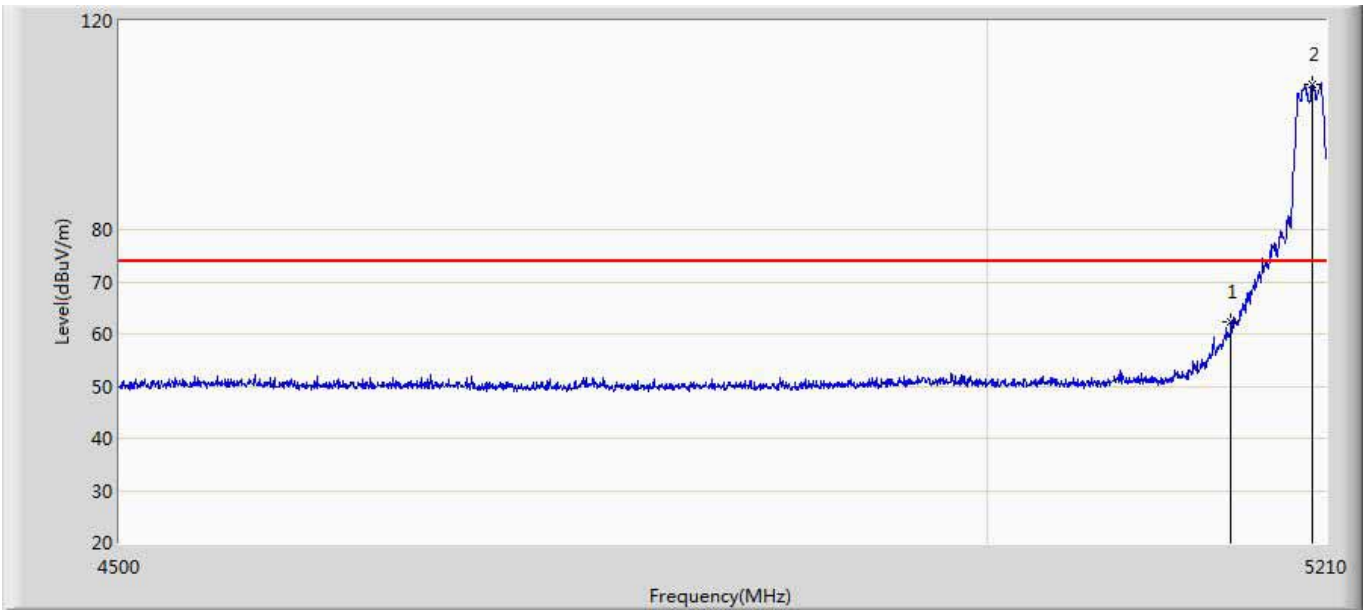
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.882	27.348	-7.118	74.000	39.534	PK
2	*	5202.900	114.057	74.348	40.057	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1+2	



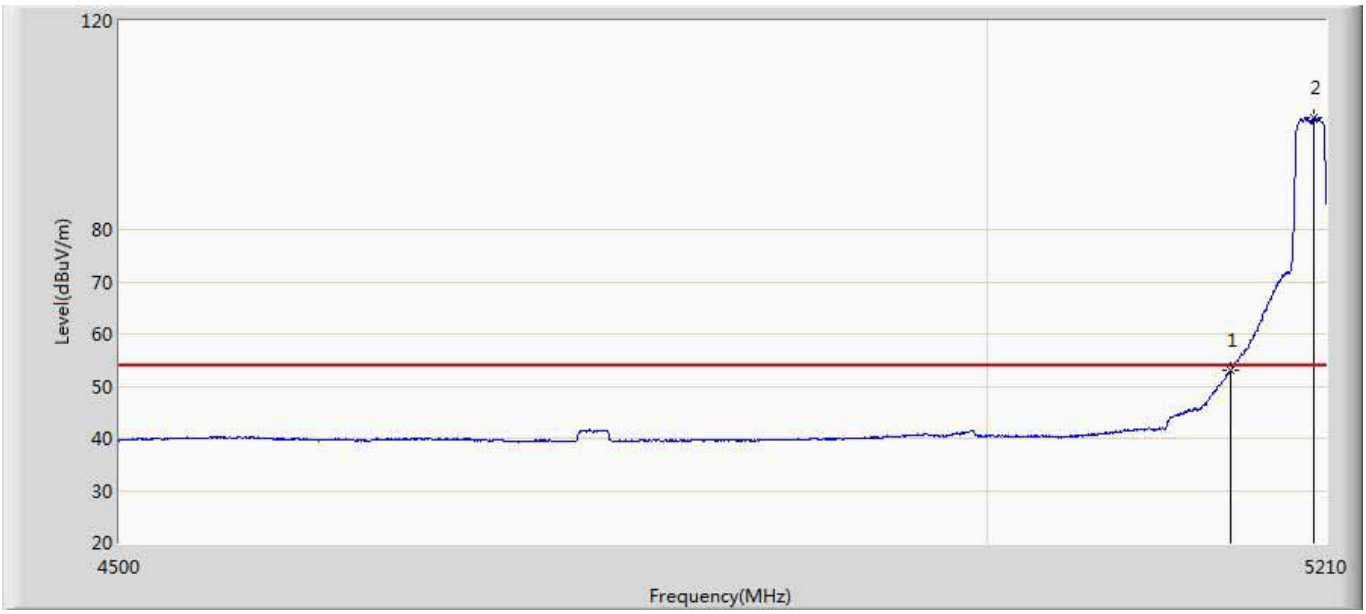
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.684	10.150	-4.316	54.000	39.534	AV
2	*	5201.835	100.034	60.325	46.034	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 14:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200MHz by 802.11a Ant1+2	



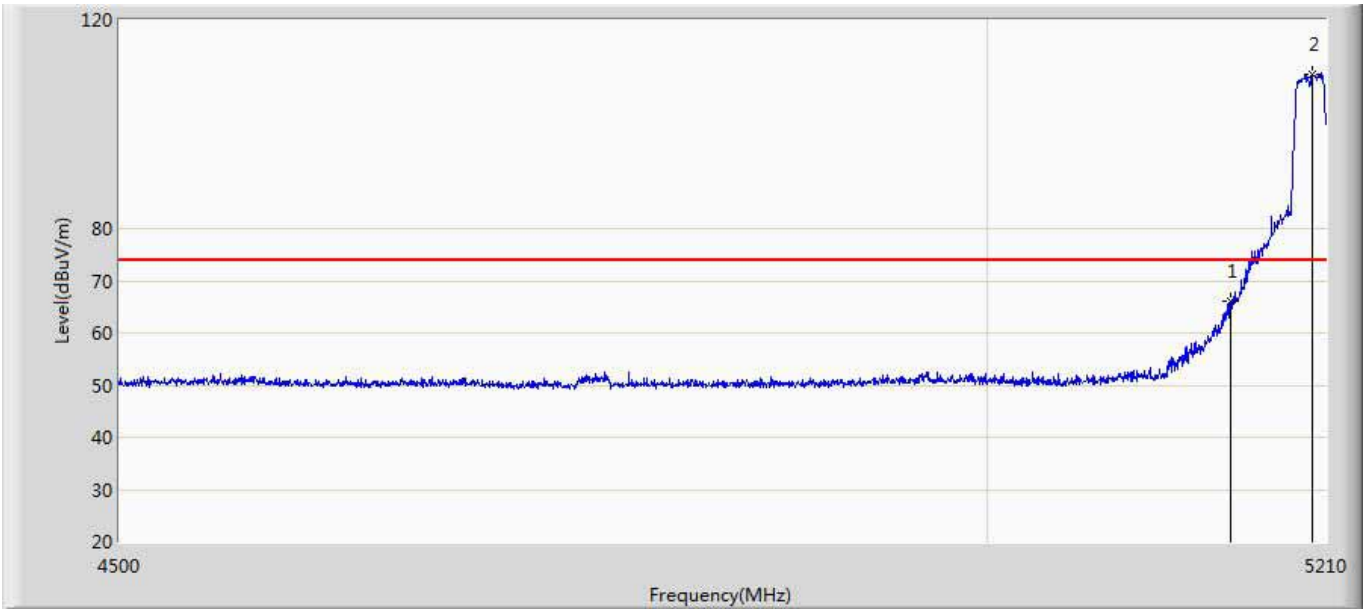
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.273	22.739	-11.727	74.000	39.534	PK
2	*	5201.125	107.842	68.133	33.842	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 ant1	



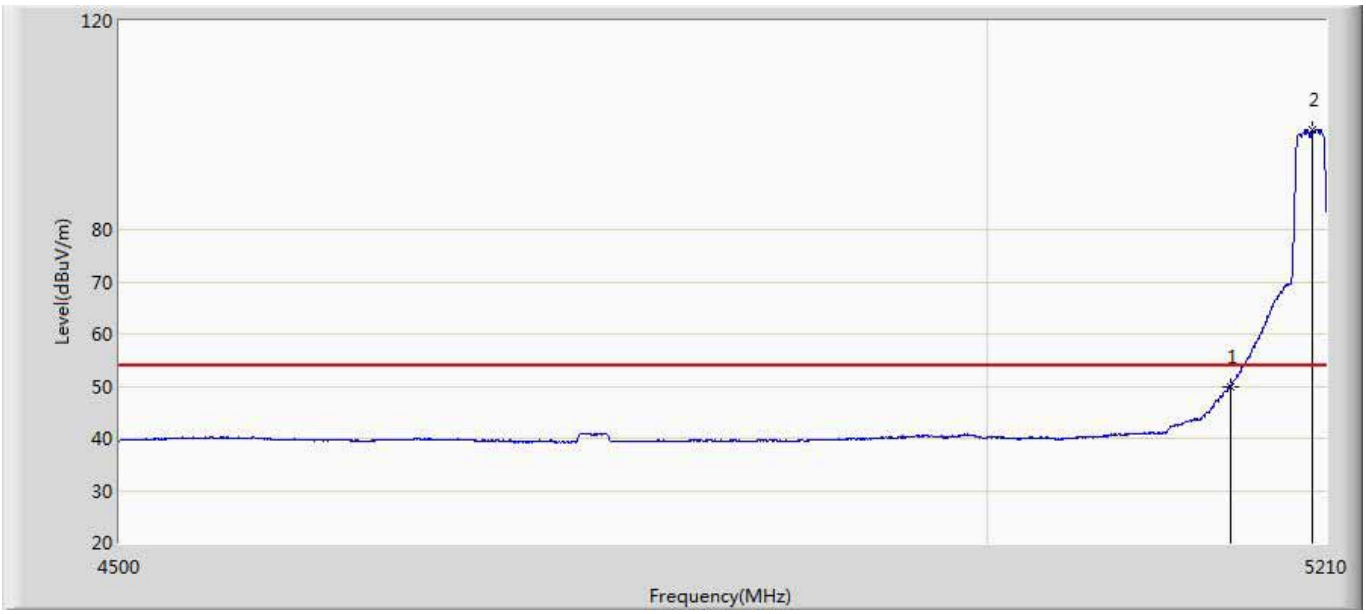
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.081	13.547	-0.919	54.000	39.534	AV
2	*	5202.545	101.443	61.734	47.443	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1	



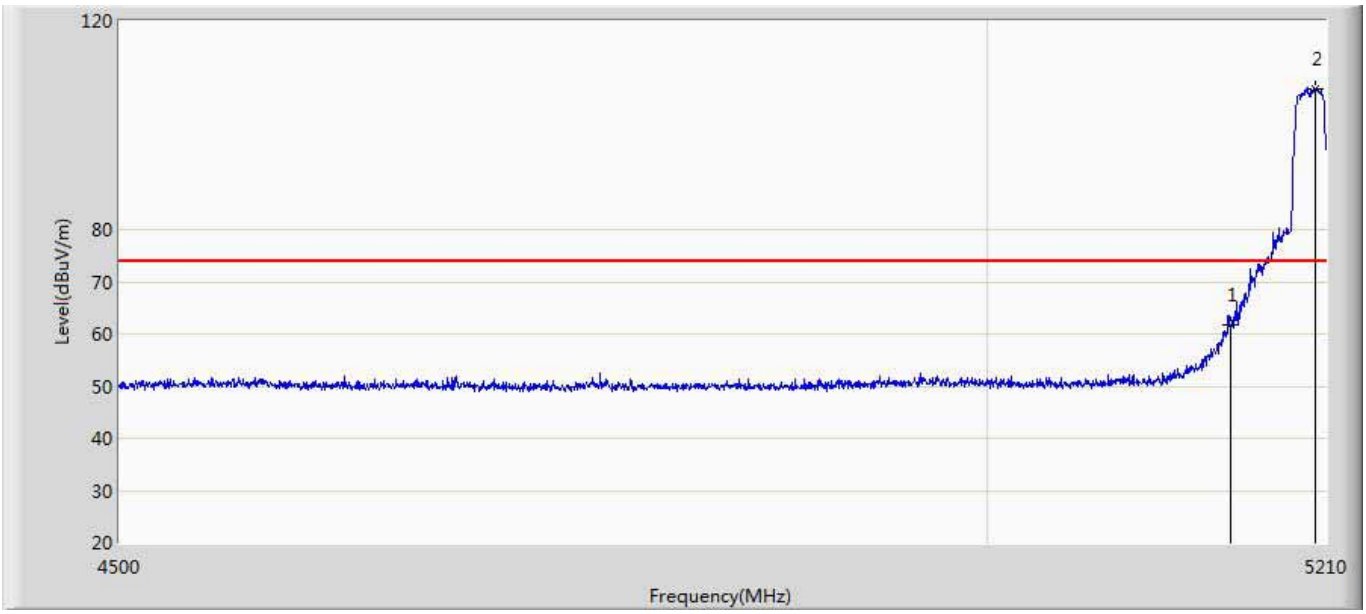
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.188	26.654	-7.812	74.000	39.534	PK
2	*	5201.480	109.597	69.888	35.597	74.000	39.708	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1	



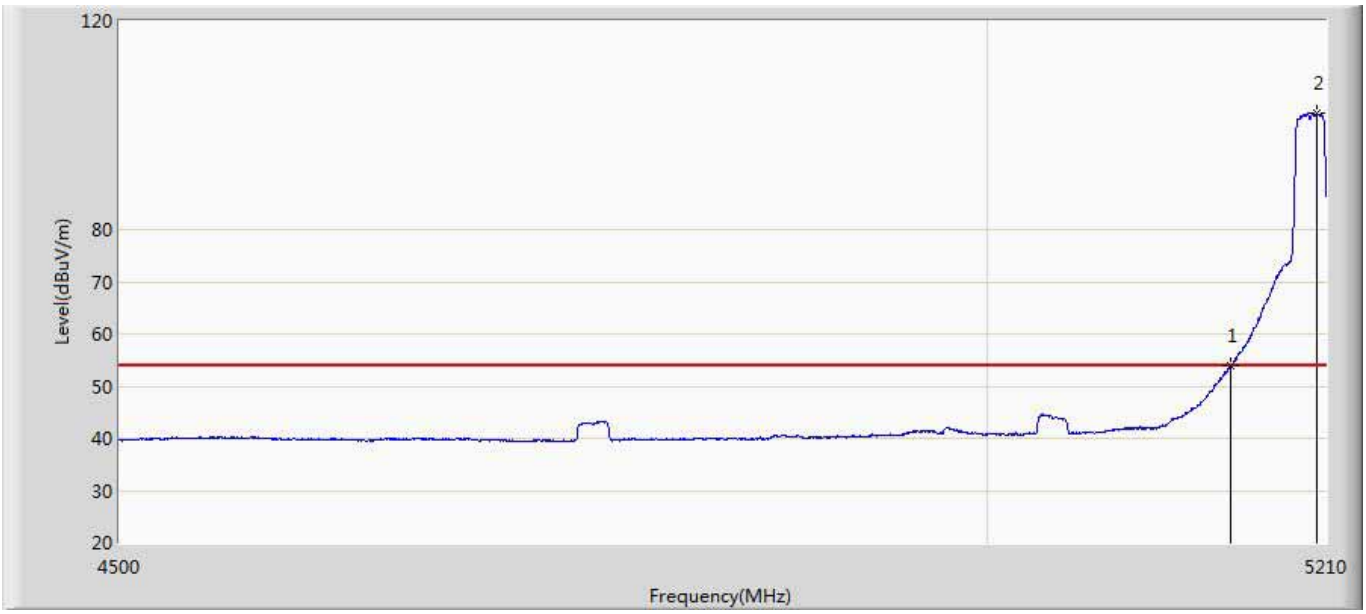
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.894	10.360	-4.106	54.000	39.534	AV
2	*	5201.125	99.175	59.466	45.175	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1	



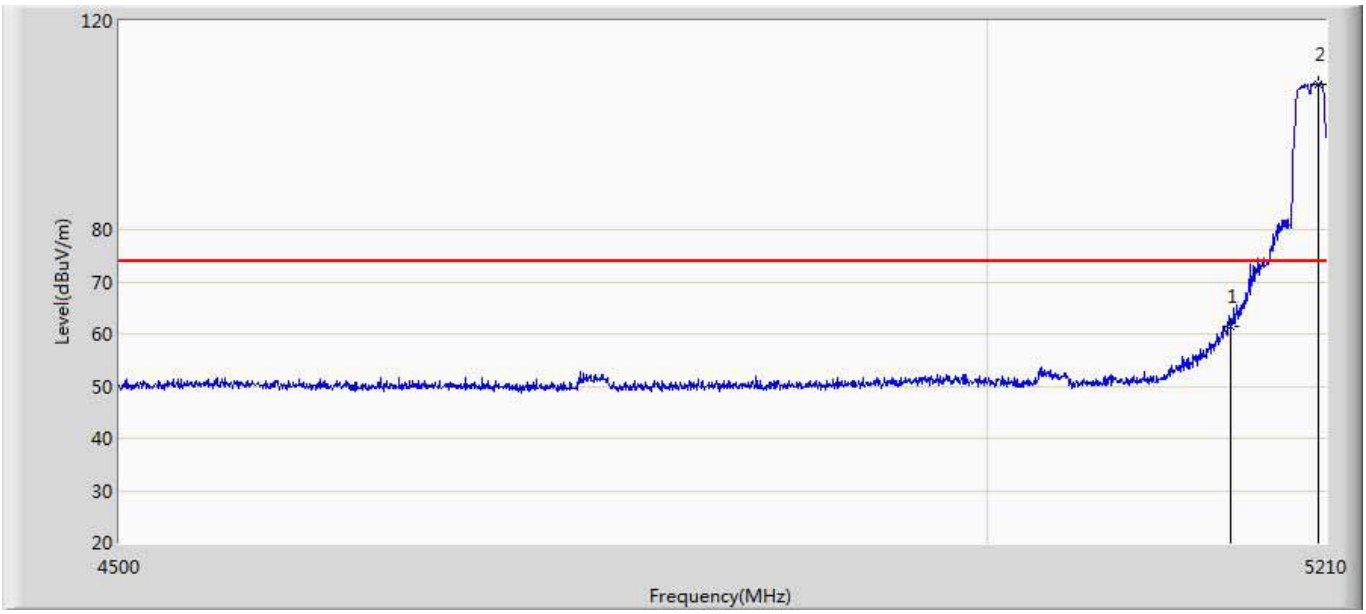
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.737	22.203	-12.263	74.000	39.534	PK
2	*	5202.900	106.862	67.153	32.862	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 ant2	



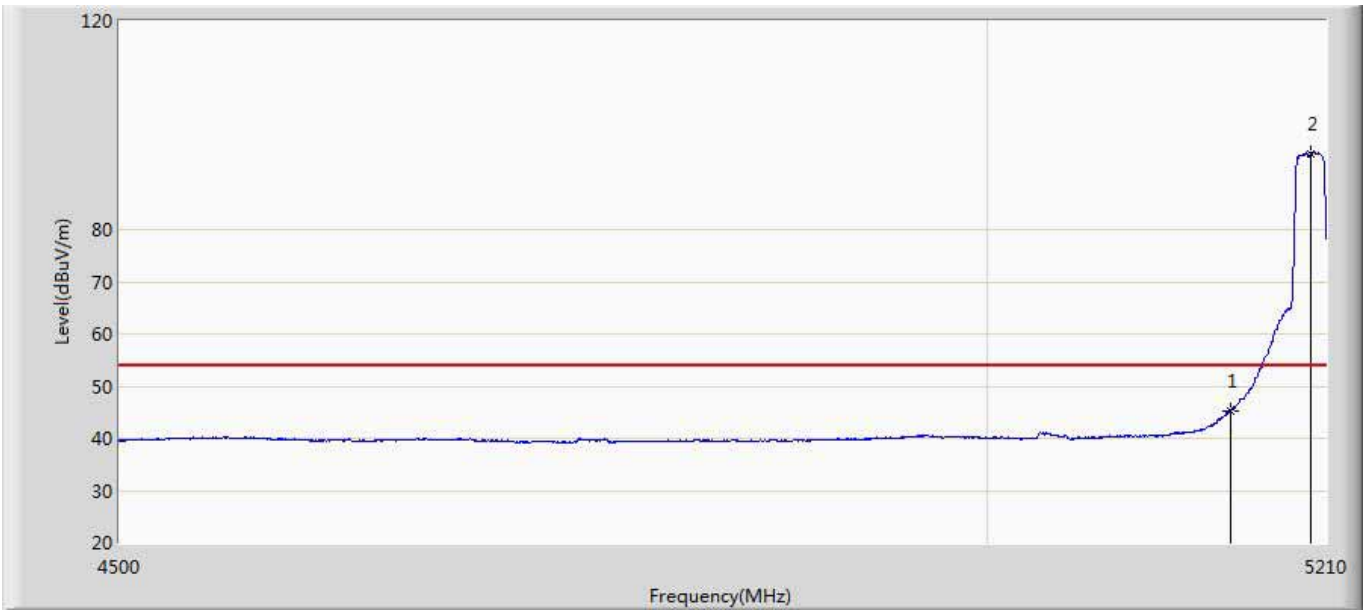
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.828	14.294	-0.172	54.000	39.534	AV
2	*	5204.320	102.210	62.501	48.210	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant2	



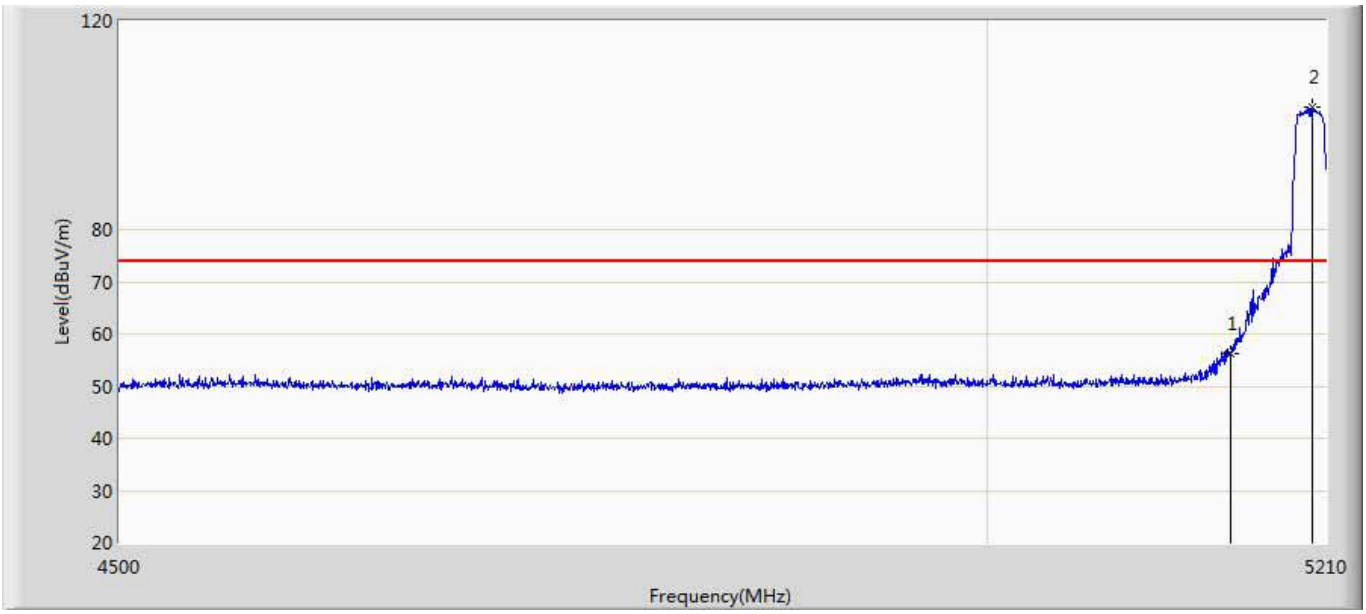
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.475	21.941	-12.525	74.000	39.534	PK
2	*	5205.030	107.810	68.101	33.810	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant2	



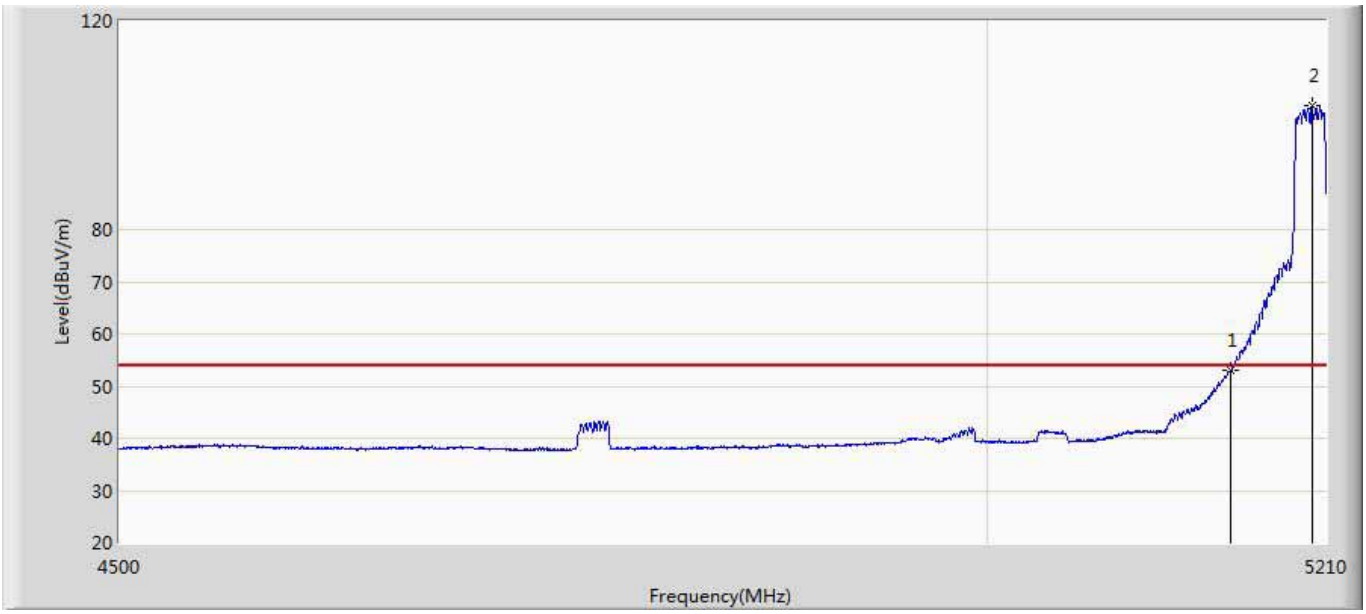
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	45.273	5.739	-8.727	54.000	39.534	AV
2	*	5200.415	94.469	54.760	40.469	54.000	39.708	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant2	



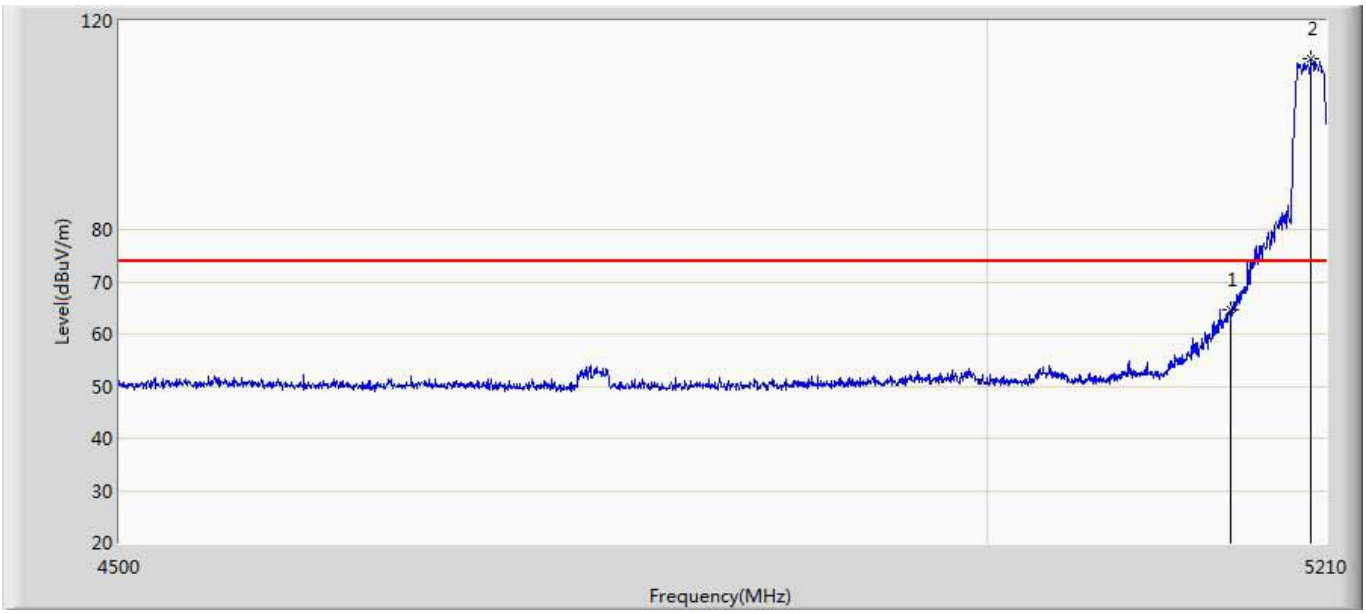
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.111	16.577	-17.889	74.000	39.534	PK
2	*	5201.125	103.415	63.706	29.415	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1+2	



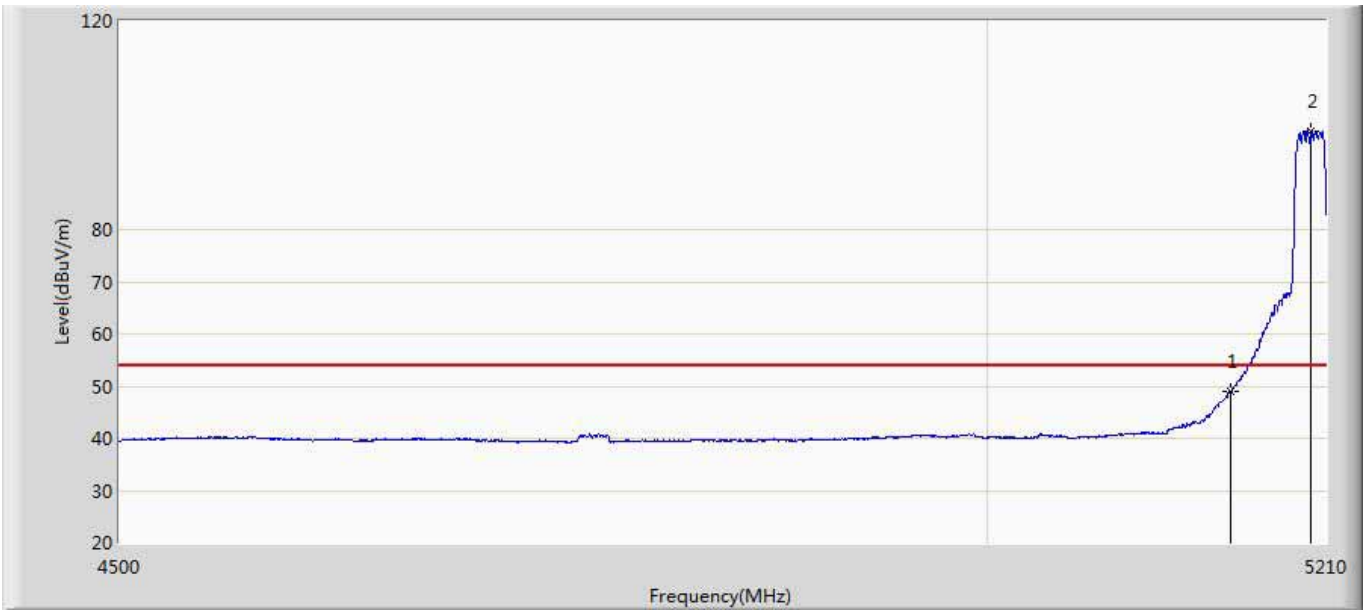
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.967	13.433	-1.033	54.000	39.534	AV
2	*	5201.125	103.713	64.004	49.713	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1+2	



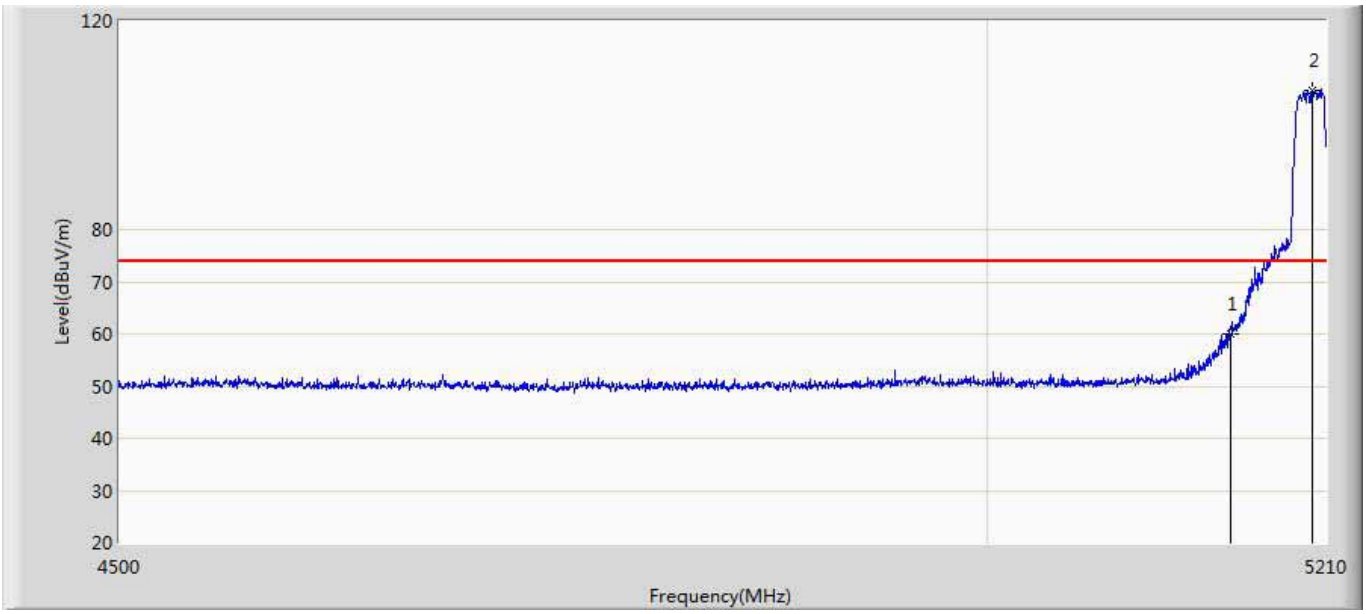
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.541	25.007	-9.459	74.000	39.534	PK
2	*	5200.770	112.695	72.986	38.695	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1+2	



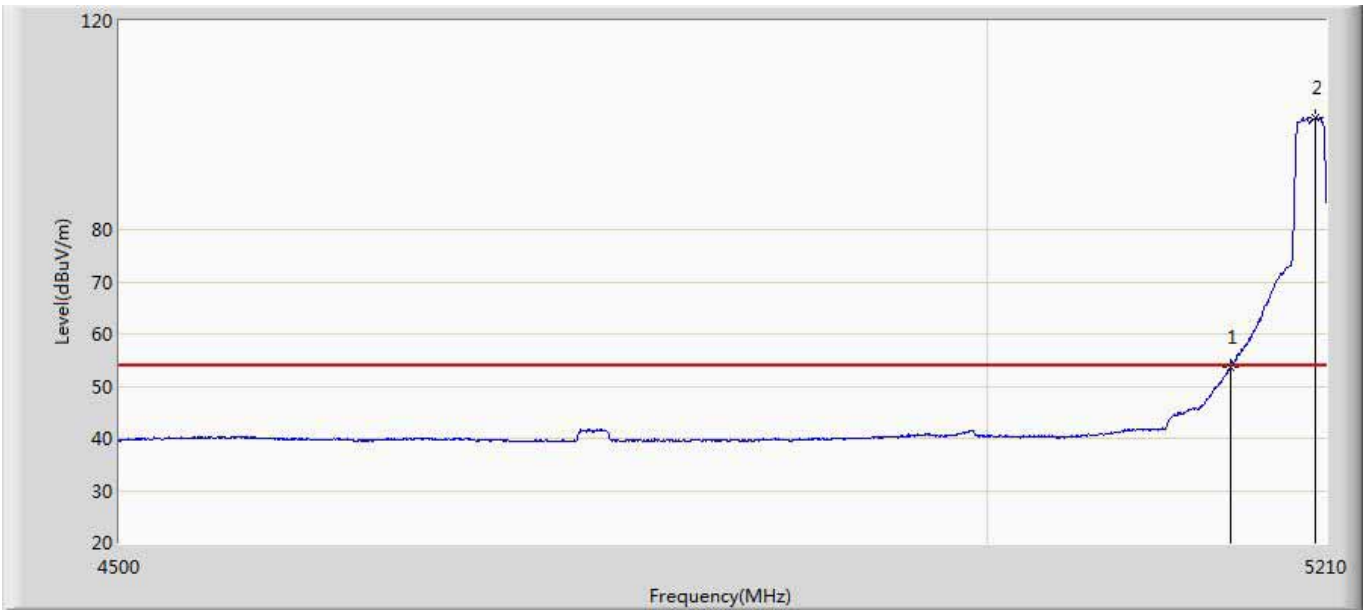
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.043	9.509	-4.957	54.000	39.534	AV
2	*	5200.770	98.874	59.165	44.874	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200MHz by 802.11n20 Ant1+2	



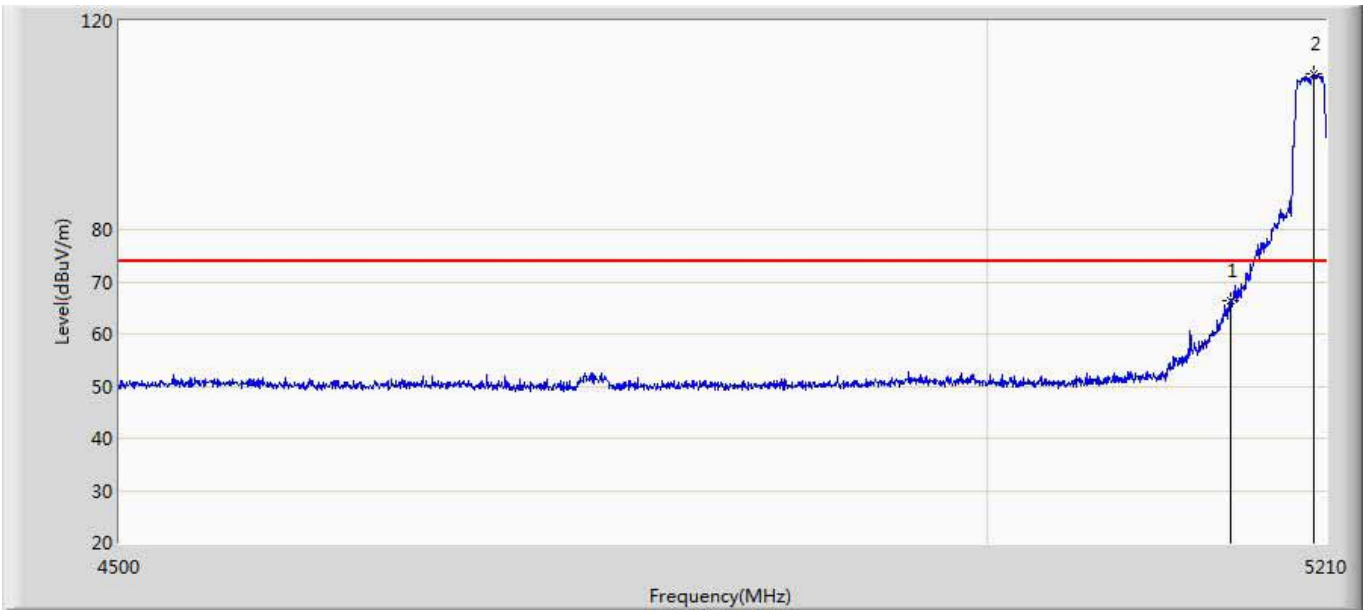
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.128	20.594	-13.872	74.000	39.534	PK
2	*	5201.480	106.587	66.878	32.587	74.000	39.708	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 ant1	



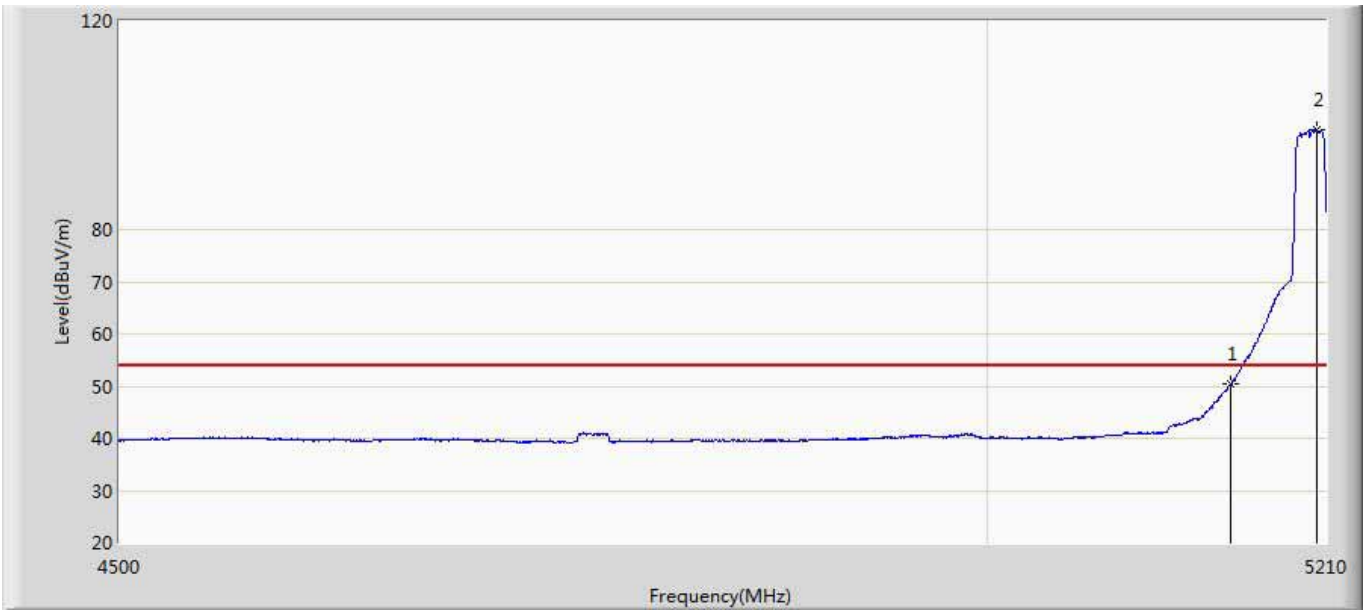
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.526	13.992	-0.474	54.000	39.534	AV
2	*	5202.900	101.524	61.815	47.524	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1	



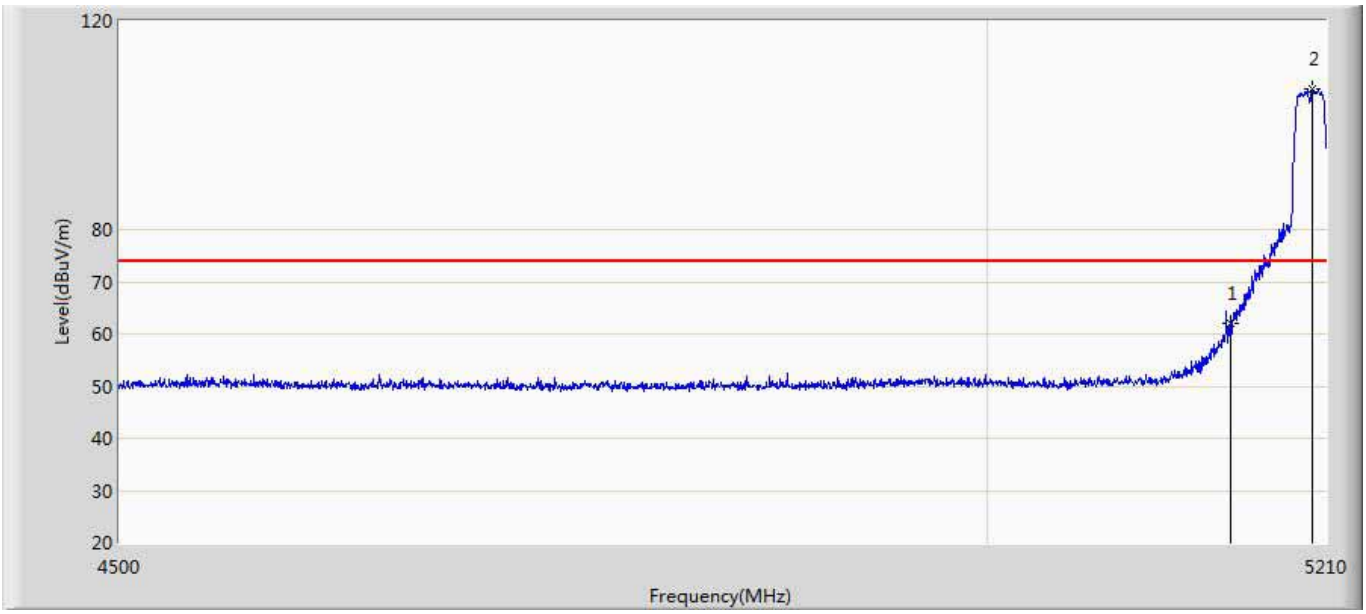
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.515	26.981	-7.485	74.000	39.534	PK
2	*	5202.190	109.764	70.055	35.764	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1	



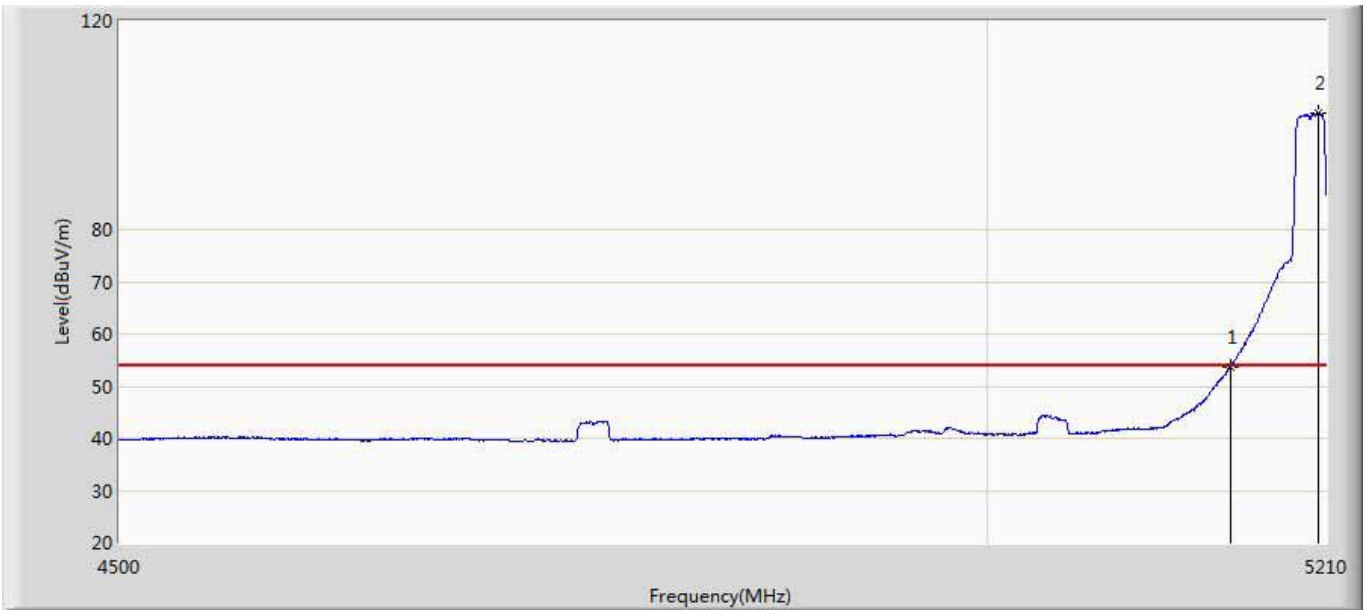
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.299	10.765	-3.701	54.000	39.534	AV
2	*	5204.675	99.108	59.399	45.108	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1	



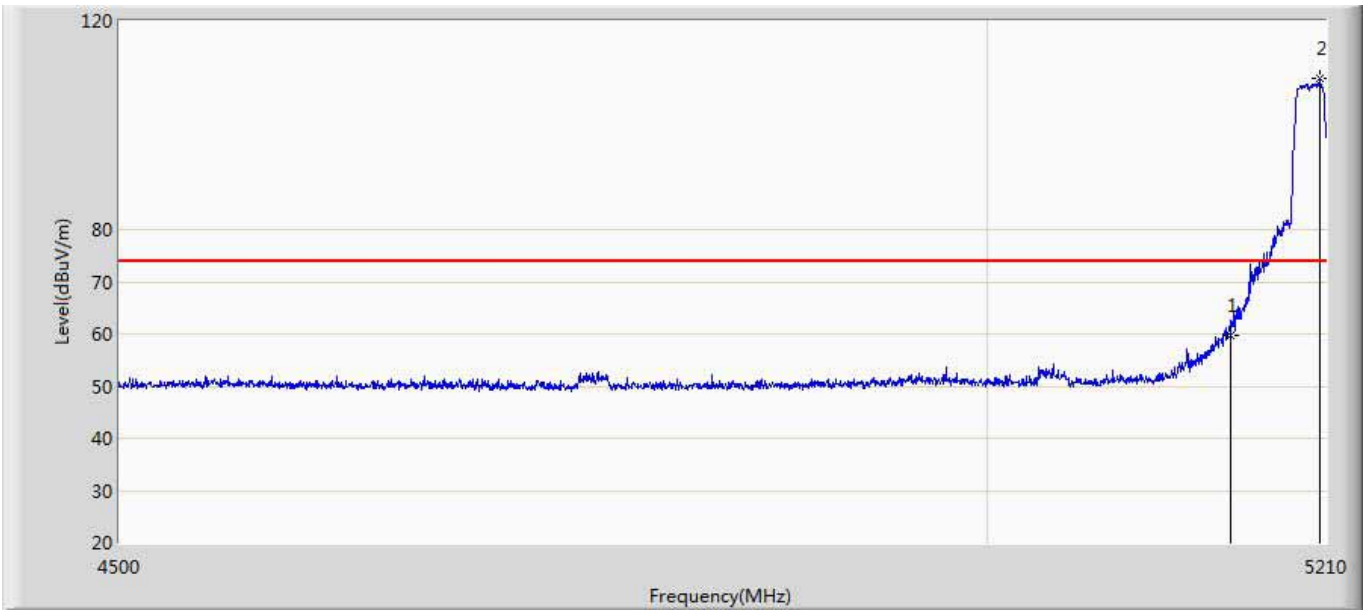
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.003	22.469	-11.997	74.000	39.534	PK
2	*	5201.480	106.991	67.282	32.991	74.000	39.708	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 ant2	



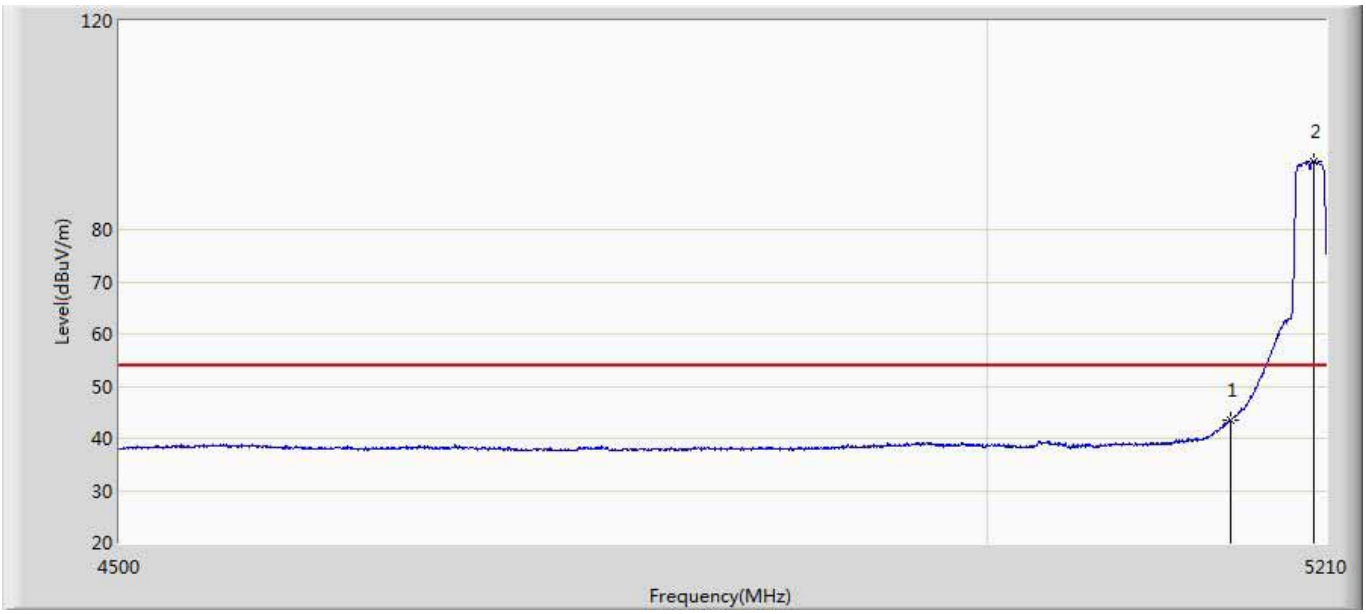
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.738	14.204	-0.262	54.000	39.534	AV
2	*	5205.030	102.457	62.748	48.457	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant2	



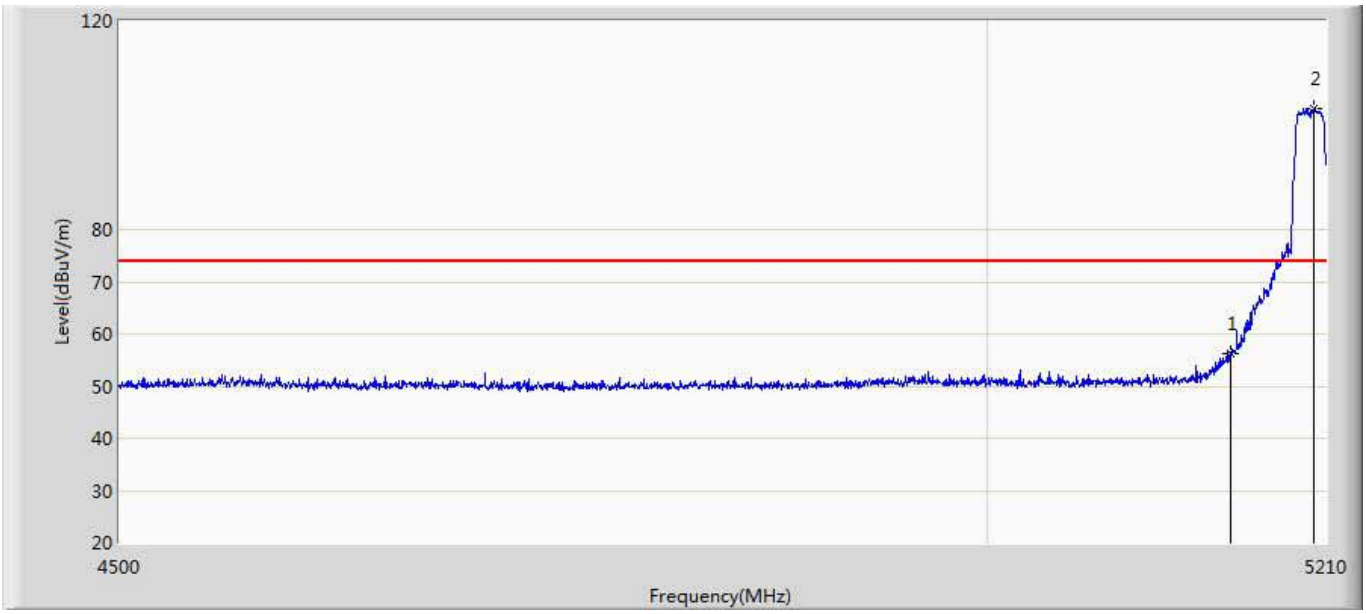
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.844	20.310	-14.156	74.000	39.534	PK
2	*	5205.740	108.881	69.172	34.881	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant2	



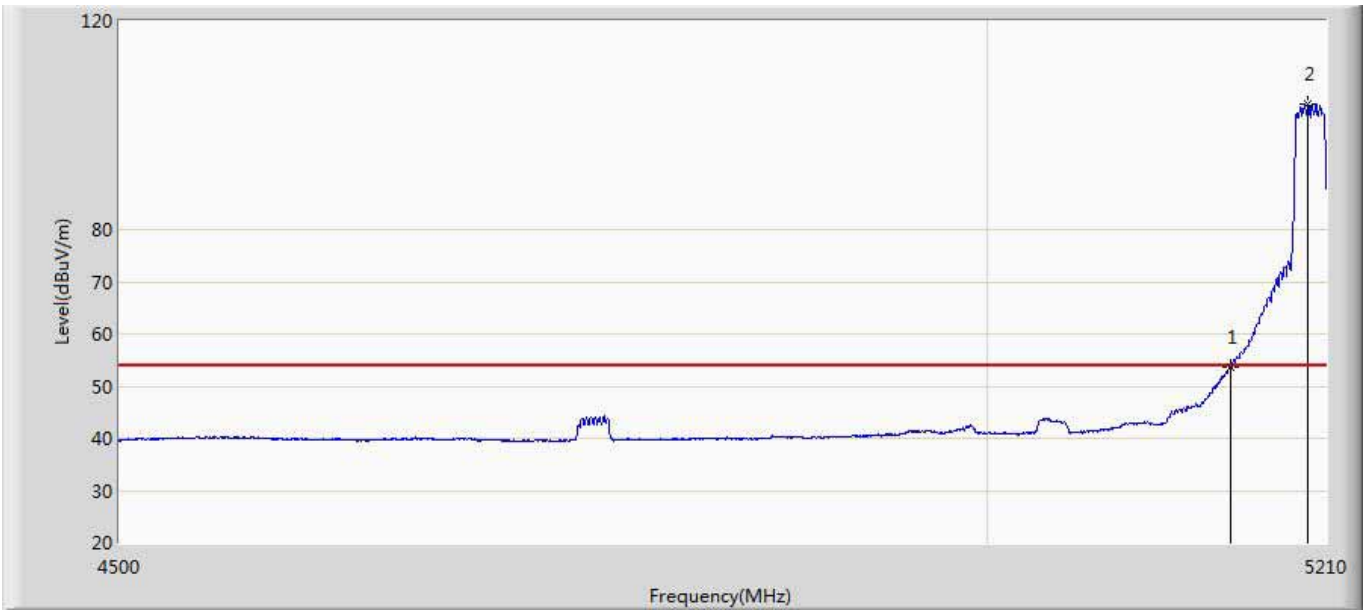
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	43.443	3.909	-10.557	54.000	39.534	AV
2	*	5202.545	93.082	53.373	39.082	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant2	



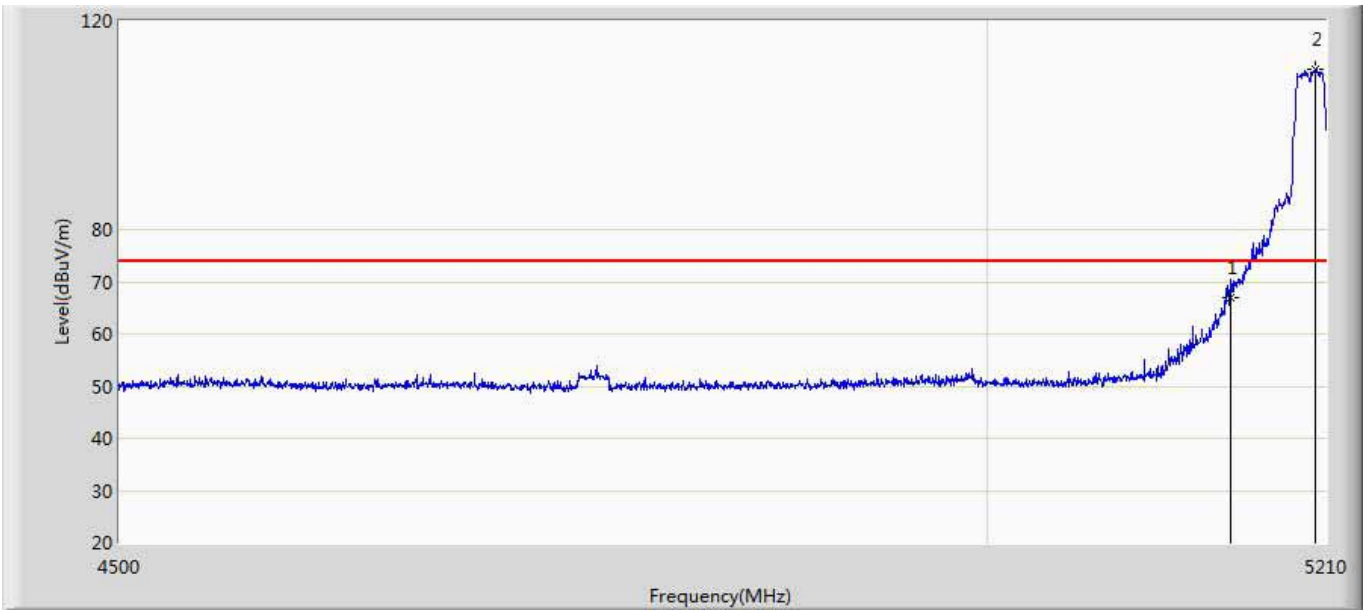
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.124	16.590	-17.876	74.000	39.534	PK
2	*	5202.190	103.190	63.481	29.190	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 ant1+2	



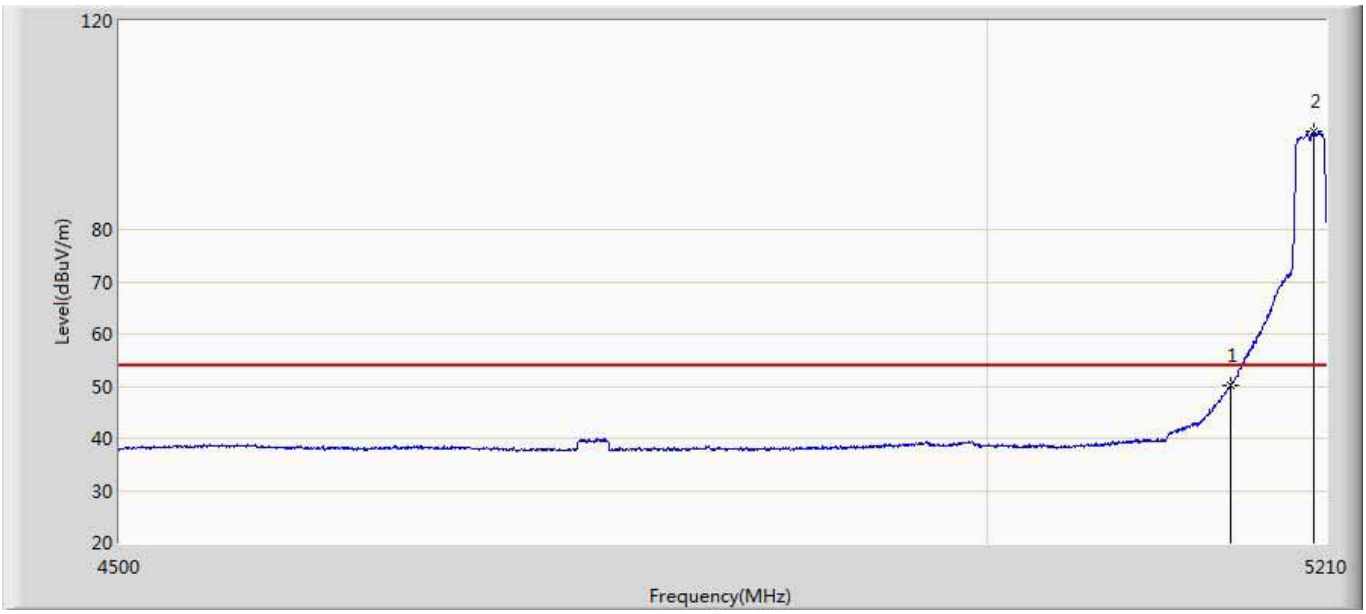
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.674	14.140	-0.326	54.000	39.534	AV
2	*	5198.995	104.158	64.450	50.158	54.000	39.708	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1+2	



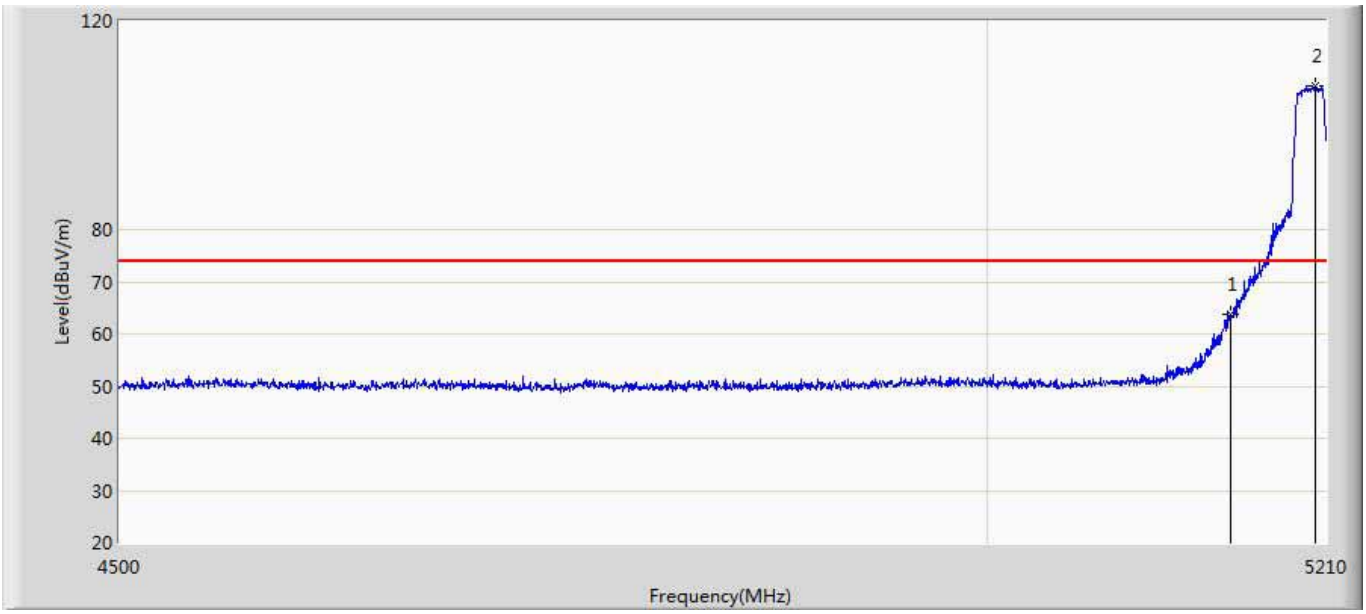
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.934	27.400	-7.066	74.000	39.534	PK
2	*	5203.610	110.639	70.930	36.639	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1+2	



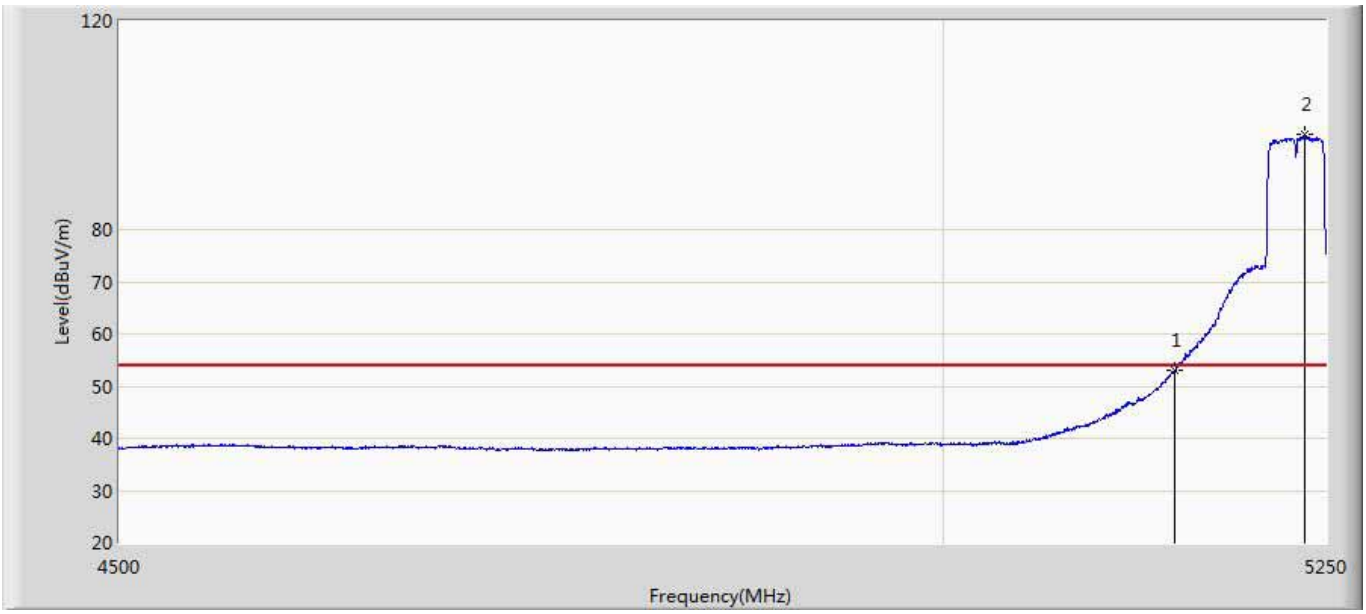
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.227	10.693	-3.773	54.000	39.534	AV
2	*	5202.545	98.761	59.052	44.761	54.000	39.709	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200MHz by 802.11ac20 Ant1+2	



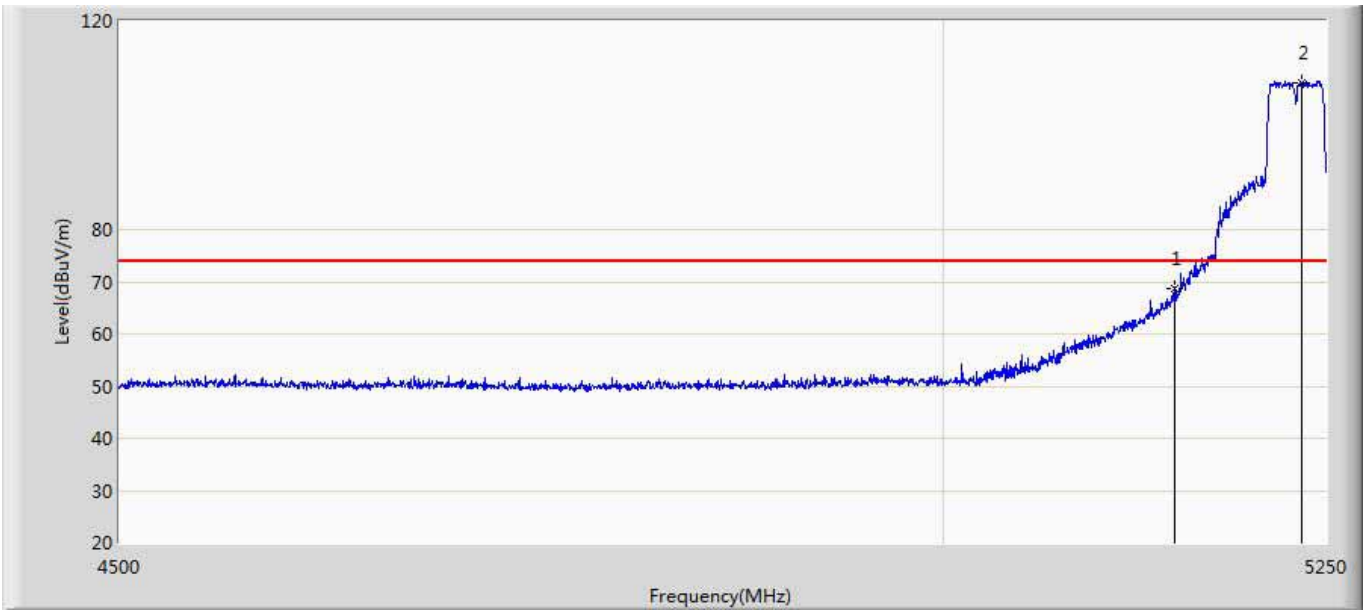
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.684	24.150	-10.316	74.000	39.534	PK
2	*	5203.255	107.441	67.732	33.441	74.000	39.709	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5230MHz by 802.11n40 ant1	



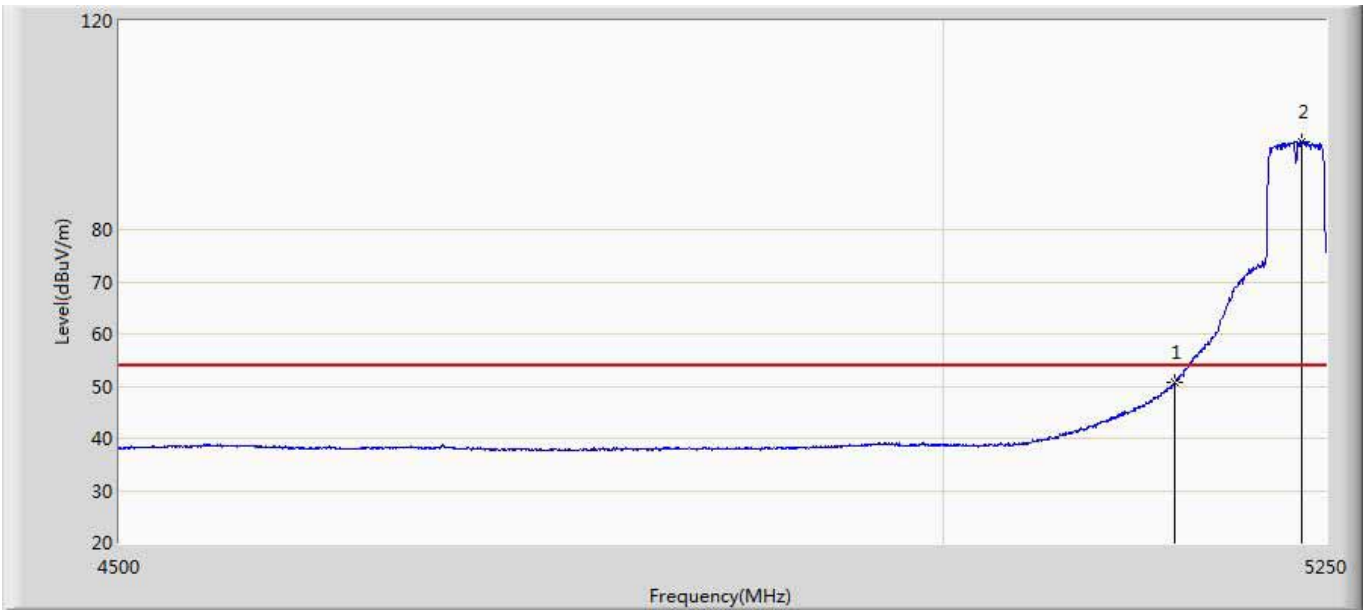
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.014	13.480	-0.986	54.000	39.534	AV
2	*	5235.750	98.186	58.526	44.186	54.000	39.661	AV

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 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		5150.000	68.706	29.172	-5.294	74.000	39.534	PK
2	*	5234.250	108.046	68.409	34.046	74.000	39.637	PK

Engineer: Allen	
Site: AC5	Time: 2018/01/27 - 17:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 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		5150.000	50.771	11.237	-3.229	54.000	39.534	AV
2	*	5234.250	96.868	57.231	42.868	54.000	39.637	AV