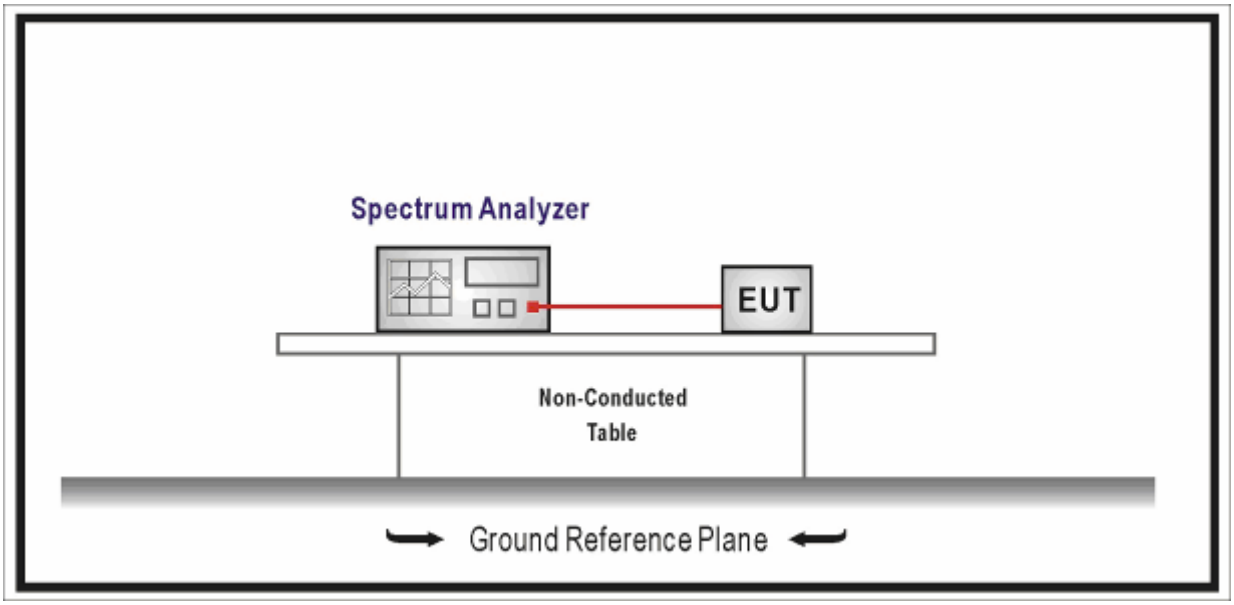
6. 6dB bandwidth

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



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

<table>
<tr><td>Item</td><td colspan="4">6dB 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</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>
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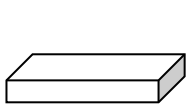
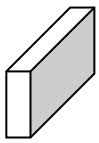
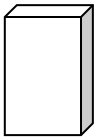
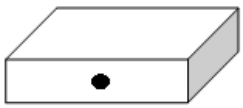
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☒</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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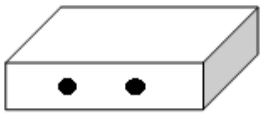
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

6.6. Test Result

Product Name	:	Barcode Scanner	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.03.20	Test Engineer	:	Tommy

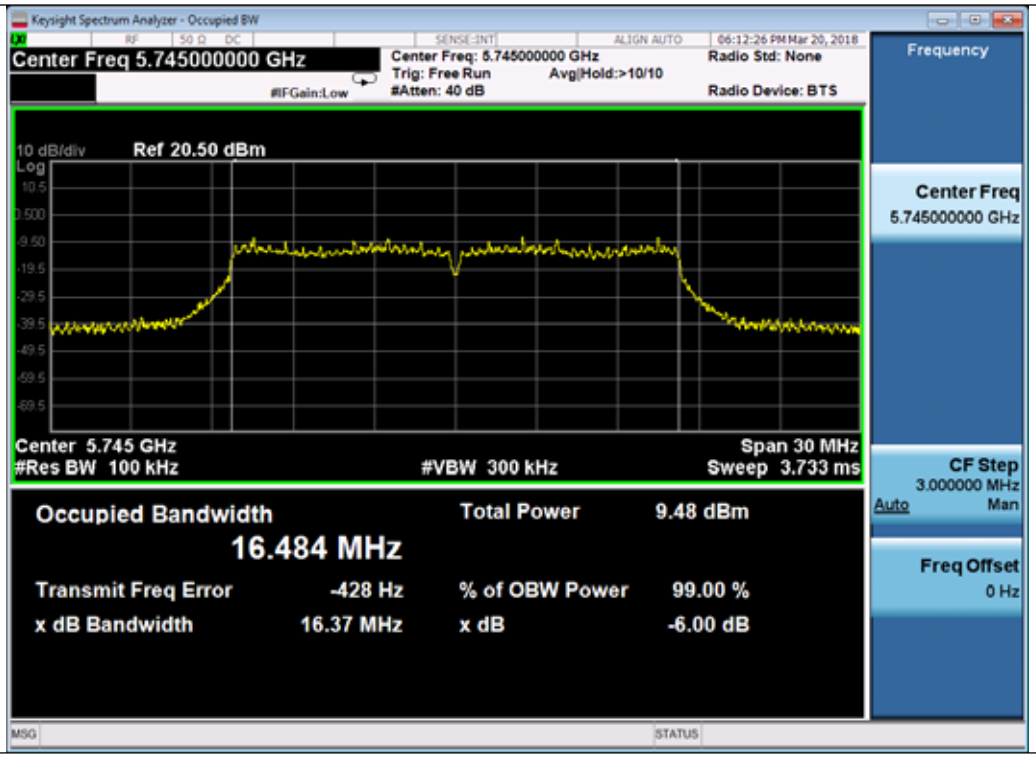
Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	16.37	>500	Pass
157	5785	16.43		Pass
165	5825	16.38		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	17.68	>500	Pass
157	5785	17.72		Pass
165	5825	17.72		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
151	5755	36.34	>500	Pass
159	5795	36.41		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	17.65	>500	Pass
157	5785	17.63		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	36.37	>500	Pass
159	5795	36.42		Pass

Mode 6: Transmit by 802.11ac(80MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
155	5775	76.30	>500	Pass

The worst case of 6dB Bandwidth as below:

Mode 1: CH149 (5745MHz)

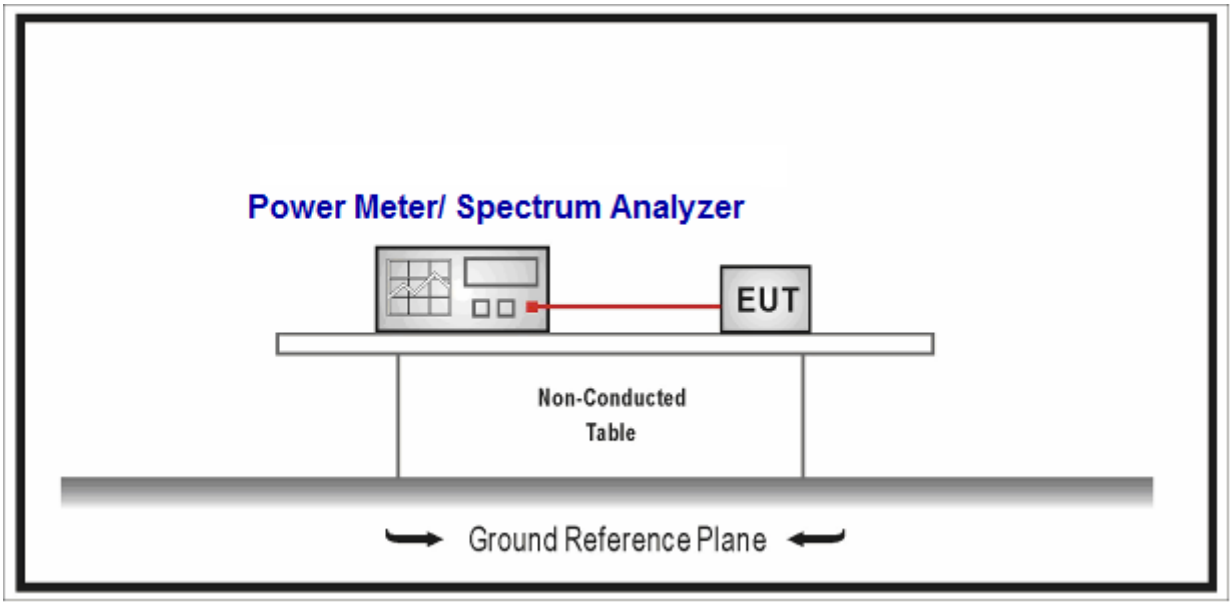


7. Power Output

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



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

7.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Power Output</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>
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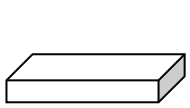
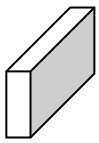
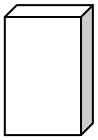
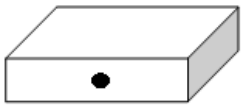
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="13">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☒</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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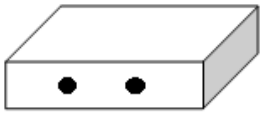
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

7.6. Test Result

Product Name	:	Barcode Scanner	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.03.20	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
36	5180	**10.03**	**10.03**	24.0	Pass
40	5200	**10.51**	**10.51**	24.0	Pass
44	5220	**10.76**	**10.76**	24.0	Pass
48	5240	**10.56**	**10.56**	24.0	Pass
52	5260	**8.42**	**8.42**	24.0	Pass
60	5300	**7.77**	**7.77**	24.0	Pass
64	5320	**6.91**	**6.91**	24.0	Pass
100	5500	**6.07**	**6.07**	24.0	Pass
104	5520	**7.23**	**7.23**	24.0	Pass
116	5580	**7.85**	**7.85**	24.0	Pass
136	5680	**7.52**	**7.52**	24.0	Pass
140	5700	**3.17**	**3.17**	24.0	Pass
149	5745	**7.35**	**7.35**	30.0	Pass
157	5785	**7.26**	**7.26**	30.0	Pass
165	5825	**7.09**	**7.09**	30.0	Pass

Mode 2: Transmit by 802.11n(20MHz)					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
36	5180	**9.71**	**9.71**	24.0	Pass
40	5200	**10.53**	**10.53**	24.0	Pass
44	5220	**10.79**	**10.79**	24.0	Pass
48	5240	**10.55**	**10.55**	24.0	Pass
52	5260	**8.44**	**8.44**	24.0	Pass
60	5300	**7.81**	**7.81**	24.0	Pass
64	5320	**7.93**	**7.93**	24.0	Pass
100	5500	**6.11**	**6.11**	24.0	Pass
104	5520	**7.85**	**7.85**	24.0	Pass
116	5580	**8.03**	**8.03**	24.0	Pass
136	5680	**8.12**	**8.12**	24.0	Pass
140	5700	**4.37**	**4.37**	24.0	Pass
149	5745	**7.61**	**7.61**	30.0	Pass
157	5785	**7.51**	**7.51**	30.0	Pass
165	5825	**7.38**	**7.38**	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz)					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
CH38	5190	**8.53**	**8.53**	24.0	Pass
CH46	5230	**8.67**	**8.67**	24.0	Pass
CH54	5270	**7.51**	**7.51**	24.0	Pass
CH62	5310	**4.95**	**4.95**	24.0	Pass
CH102	5510	**3.22**	**3.22**	24.0	Pass
CH110	5550	**6.03**	**6.03**	24.0	Pass
CH134	5670	**4.64**	**4.64**	24.0	Pass
CH151	5755	**5.71**	**5.71**	30.0	Pass
CH159	5795	**5.51**	**5.51**	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz)					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
36	5180	**10.07**	**10.07**	24.0	Pass
40	5200	**10.96**	**10.96**	24.0	Pass
44	5220	**11.04**	**11.04**	24.0	Pass
48	5240	**10.87**	**10.87**	24.0	Pass
52	5260	**8.71**	**8.71**	24.0	Pass
60	5300	**8.14**	**8.14**	24.0	Pass
64	5320	**8.21**	**8.21**	24.0	Pass
100	5500	**6.43**	**6.43**	24.0	Pass
104	5520	**8.17**	**8.17**	24.0	Pass
116	5580	**8.33**	**8.33**	24.0	Pass
136	5680	**8.25**	**8.25**	24.0	Pass
140	5700	**4.62**	**4.62**	24.0	Pass
149	5745	**8.03**	**8.03**	30.0	Pass
157	5785	**7.84**	**7.84**	30.0	Pass
165	5825	**7.73**	**7.73**	30.0	Pass

Mode 5: Transmit by 802.11ac(40MHz)					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
CH38	5190	**8.76**	**8.76**	24.0	Pass
CH46	5230	**8.82**	**8.82**	24.0	Pass
CH54	5270	**7.63**	**7.63**	24.0	Pass
CH62	5310	**5.05**	**5.05**	24.0	Pass
CH102	5510	**3.29**	**3.29**	24.0	Pass
CH110	5550	**6.07**	**6.07**	24.0	Pass
CH134	5670	**4.77**	**4.77**	24.0	Pass
CH151	5755	**5.88**	**5.88**	30.0	Pass
CH159	5795	**5.71**	**5.71**	30.0	Pass

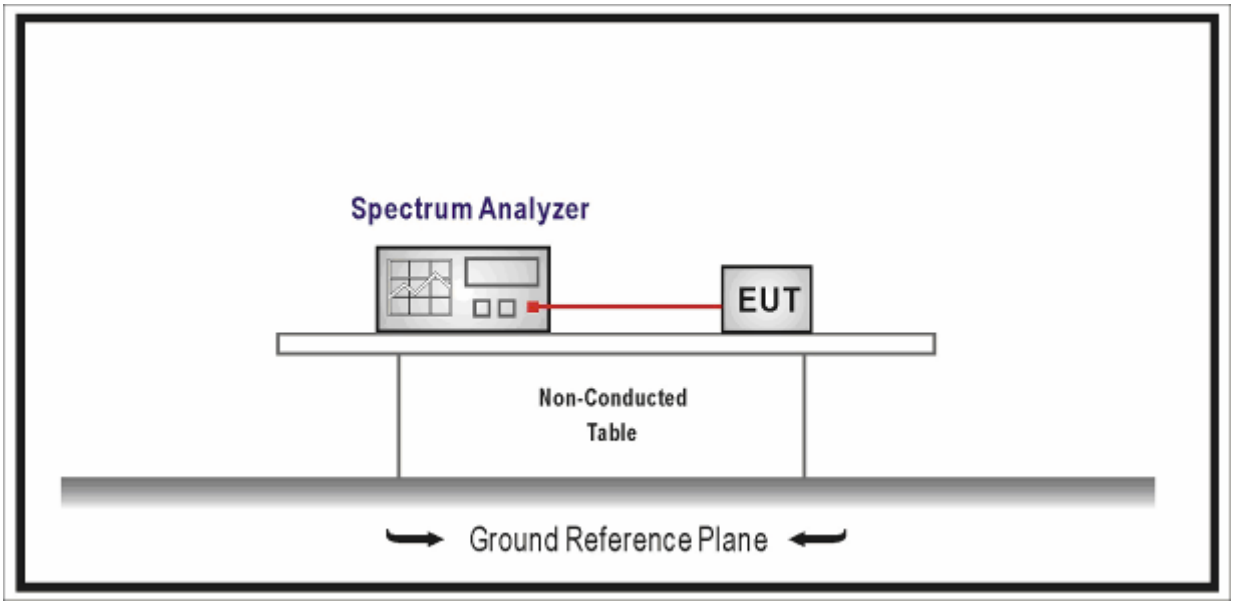
Mode 6: Transmit by 802.11ac(80MHz)					
Channel No.	Frequency (MHz)	Measurement Power(dBm)	Total Power (dBm)	Limit (dBm)	Result
42	5210	**5.03**	**5.03**	24.0	Pass
58	5290	**3.47**	**3.47**	24.0	Pass
106	5530	**2.03**	**2.03**	24.0	Pass
155	5775	**4.37**	**4.37**	30.0	Pass

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



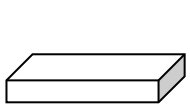
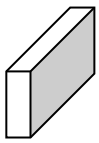
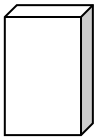
8.3. Limit

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)

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</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>
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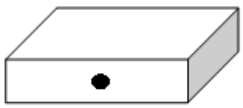
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☒</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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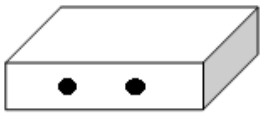
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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8.6. Test Result

Product Name	:	Barcode Scanner	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2018.03.20	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	-7.514	1.00	-6.514	11	Pass
CH44	5220	-4.435	1.00	-3.435	11	Pass
CH48	5240	-4.909	1.00	-3.909	11	Pass
CH52	5260	-8.215	1.00	-7.215	11	Pass
CH60	5300	-8.479	1.00	-7.479	11	Pass
CH64	5320	-9.388	1.00	-8.388	11	Pass
CH100	5500	-9.775	1.00	-8.775	11	Pass
CH116	5580	-6.793	1.00	-5.793	11	Pass
CH140	5700	-10.704	1.00	-9.704	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH149	5745	-10.801	1.00	-9.801	30	Pass
CH157	5785	-11.007	1.00	-10.007	30	Pass
CH165	5825	-11.781	1.00	-10.781	30	Pass

Mode 2: Transmit by 802.11n(20MHz)						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	-7.229	1.78	-5.449	11	Pass
CH44	5220	-6.981	1.78	-5.201	11	Pass
CH48	5240	-7.365	1.78	-5.585	11	Pass
CH52	5260	-8.610	1.78	-6.830	11	Pass
CH60	5300	-9.168	1.78	-7.388	11	Pass
CH64	5320	-9.998	1.78	-8.218	11	Pass
CH100	5500	-10.614	1.78	-8.834	11	Pass
CH116	5580	-7.434	1.78	-5.654	11	Pass
CH140	5700	-11.557	1.78	-9.777	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH149	5745	-10.225	1.78	-8.445	30	Pass
CH157	5785	-12.146	1.78	-10.366	30	Pass
CH165	5825	-11.910	1.78	-10.130	30	Pass

Mode 3: Transmit by 802.11n(40MHz)						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH38	5190	-12.744	4.94	-7.804	11	Pass
CH46	5230	-13.466	4.94	-8.526	11	Pass
CH54	5270	-15.171	4.94	-10.231	11	Pass
CH62	5310	-18.098	4.94	-13.158	11	Pass
CH102	5510	-18.985	4.94	-14.045	11	Pass
CH110	5550	-16.643	4.94	-11.703	11	Pass
CH134	5670	-15.041	4.94	-10.101	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH151	5755	-19.077	4.94	-14.137	30	Pass
CH159	5795	-20.930	4.94	-15.990	30	Pass

Mode 4: Transmit by 802.11ac(20MHz)						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH36	5180	-9.614	6.99	-2.624	11	Pass
CH44	5220	-7.769	6.99	-0.779	11	Pass
CH48	5240	-9.905	6.99	-2.915	11	Pass
CH52	5260	-10.065	6.99	-3.075	11	Pass
CH60	5300	-11.337	6.99	-4.347	11	Pass
CH64	5320	-11.739	6.99	-4.749	11	Pass
CH100	5500	-13.715	6.99	-6.725	11	Pass
CH116	5580	-10.293	6.99	-3.303	11	Pass
CH140	5700	-14.095	6.99	-7.105	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH149	5745	-19.112	6.99	-12.122	30	Pass
CH157	5785	-13.722	6.99	-6.732	30	Pass
CH165	5825	-16.965	6.99	-9.975	30	Pass

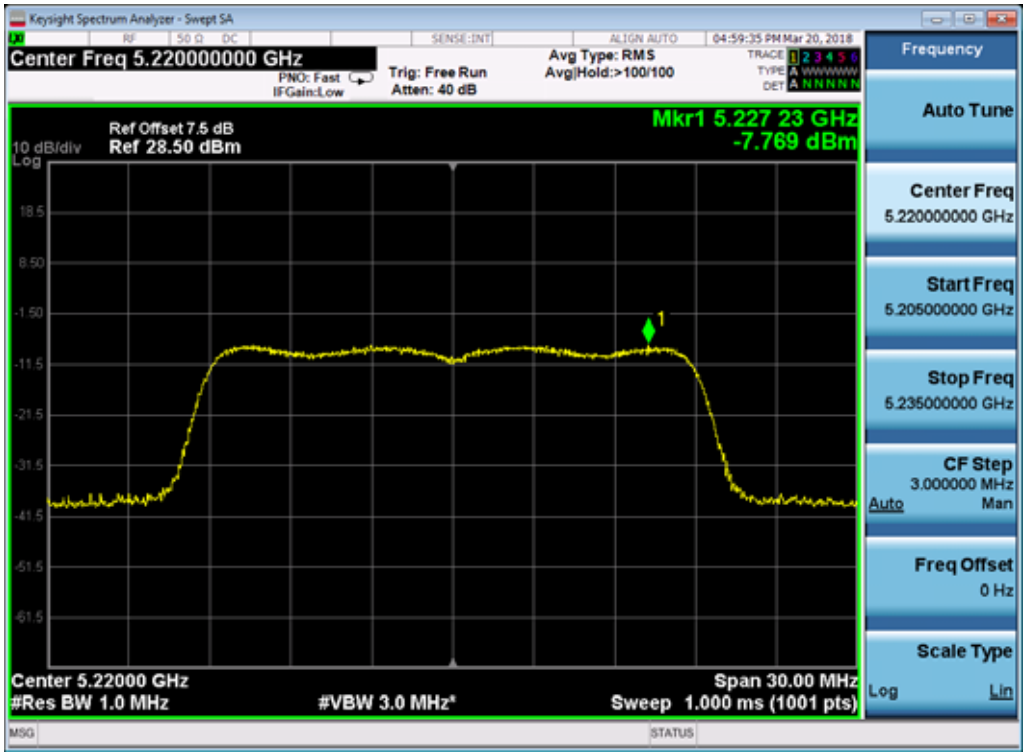
Mode 5: Transmit by 802.11ac(40MHz)						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH38	5190	-14.597	7.10	-7.497	11	Pass
CH46	5230	-17.066	7.10	-9.966	11	Pass
CH54	5270	-17.619	7.10	-10.519	11	Pass
CH62	5310	-20.682	7.10	-13.582	11	Pass
CH102	5510	-21.331	7.10	-14.231	11	Pass
CH110	5550	-19.258	7.10	-12.158	11	Pass
CH134	5670	-19.424	7.10	-12.324	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH151	5755	-23.544	7.10	-16.444	30	Pass
CH159	5795	-22.018	7.10	-14.918	30	Pass

Mode 6: Transmit by 802.11ac(80MHz)						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
CH42	5210	-25.279	4.60	-20.679	11	Pass
CH58	5290	-29.356	4.60	-24.756	11	Pass
CH106	5530	-27.172	4.60	-22.572	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty Factor (dB)	Total Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
CH155	5775	-28.446	4.60	-23.846	30	Pass

1: Total Power Spectral Density = Measurement Power Spectral Density + Duty Factor

The worst case as below:

Mode 4 CH44 (5220MHz)

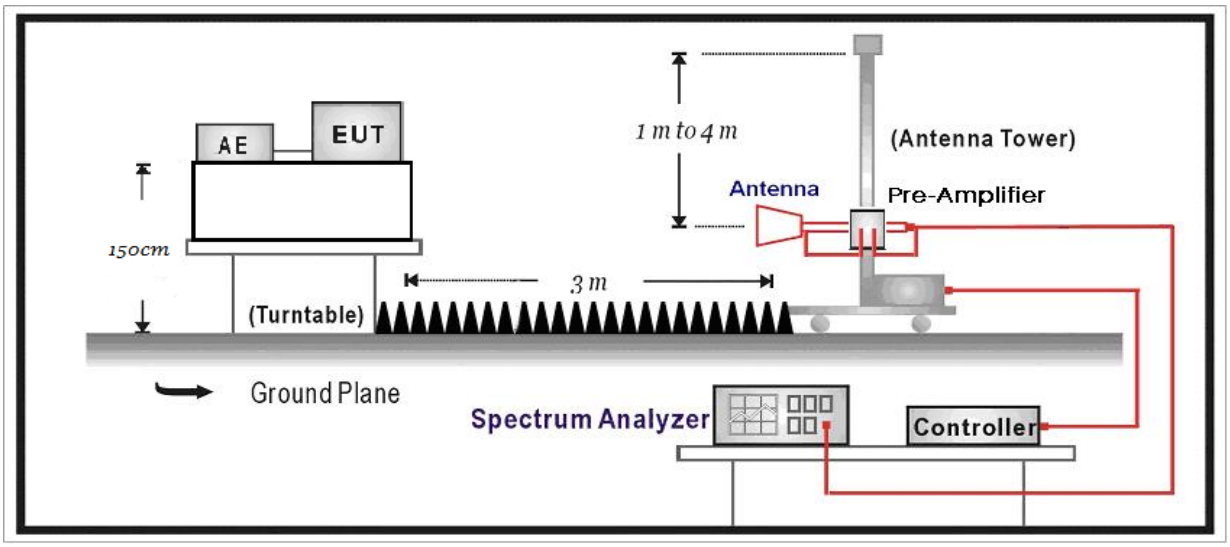


9. Radiated Emission Band Edge

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	2018.02.28	2019.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2018.02.28	2019.02.27
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



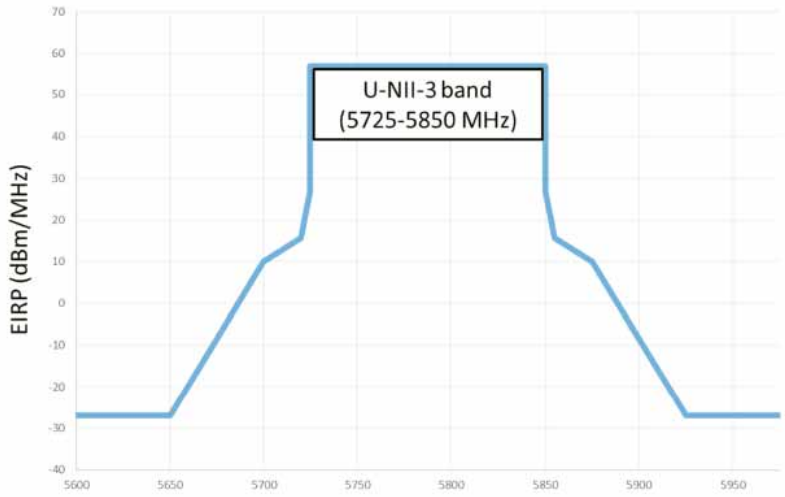
9.3. Limit

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).

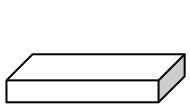
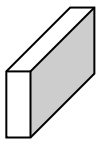
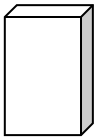
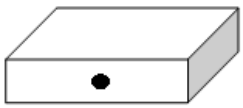
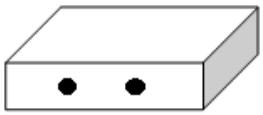
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	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

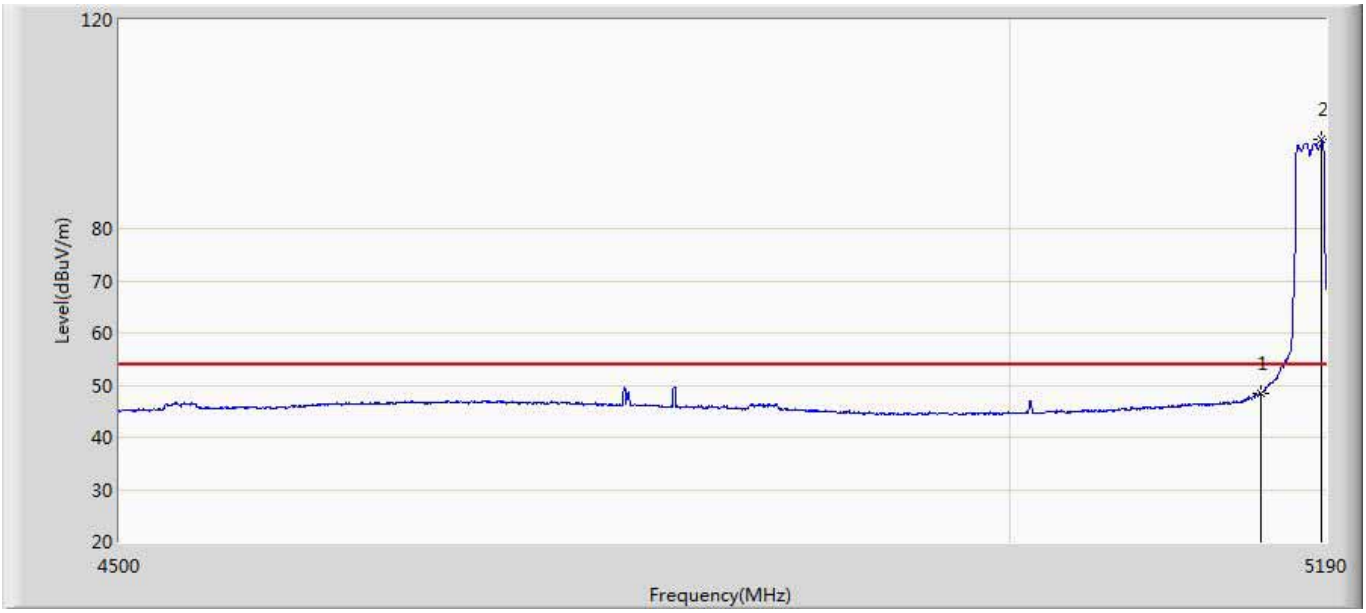
Test Method					
	References Rule			Chapter	Description
☐	ANSI C63.10			12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10			12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10		12.7.5	Radiated emission measurements
	☒	ANSI C63.10		12.7.6	Procedure for peak unwanted emissions 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</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="13">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>

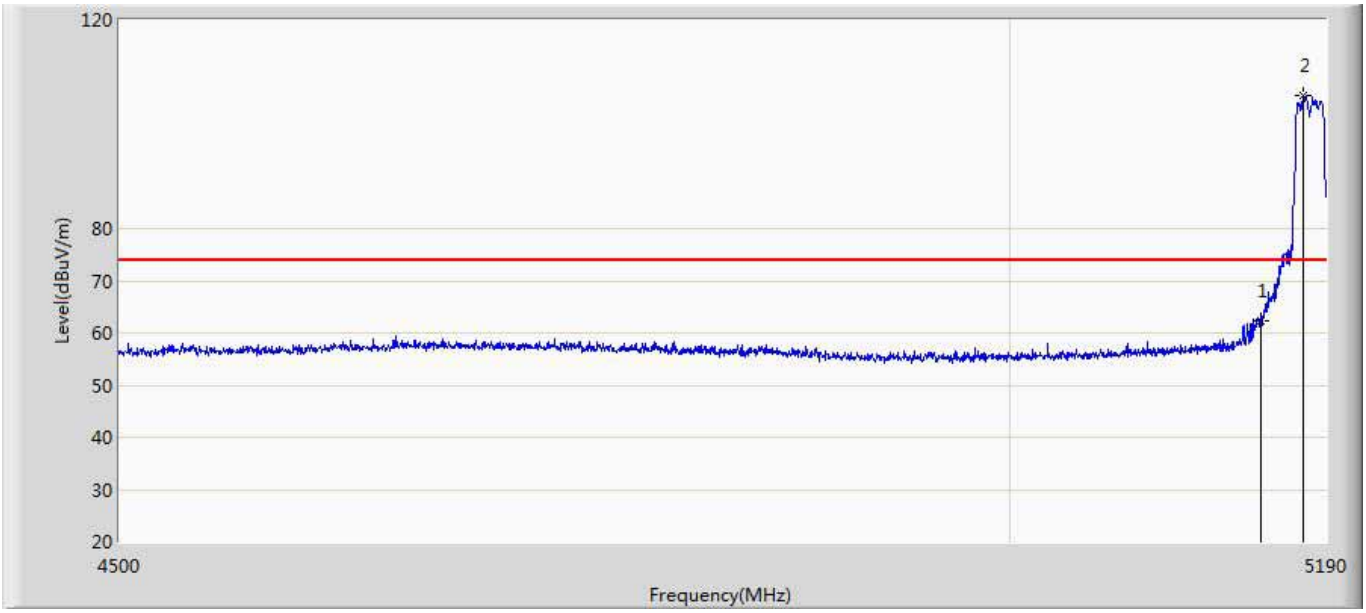
9.6. Test Result

Profile: Honeywell	Page No.: 77
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 21:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by 802.11A	



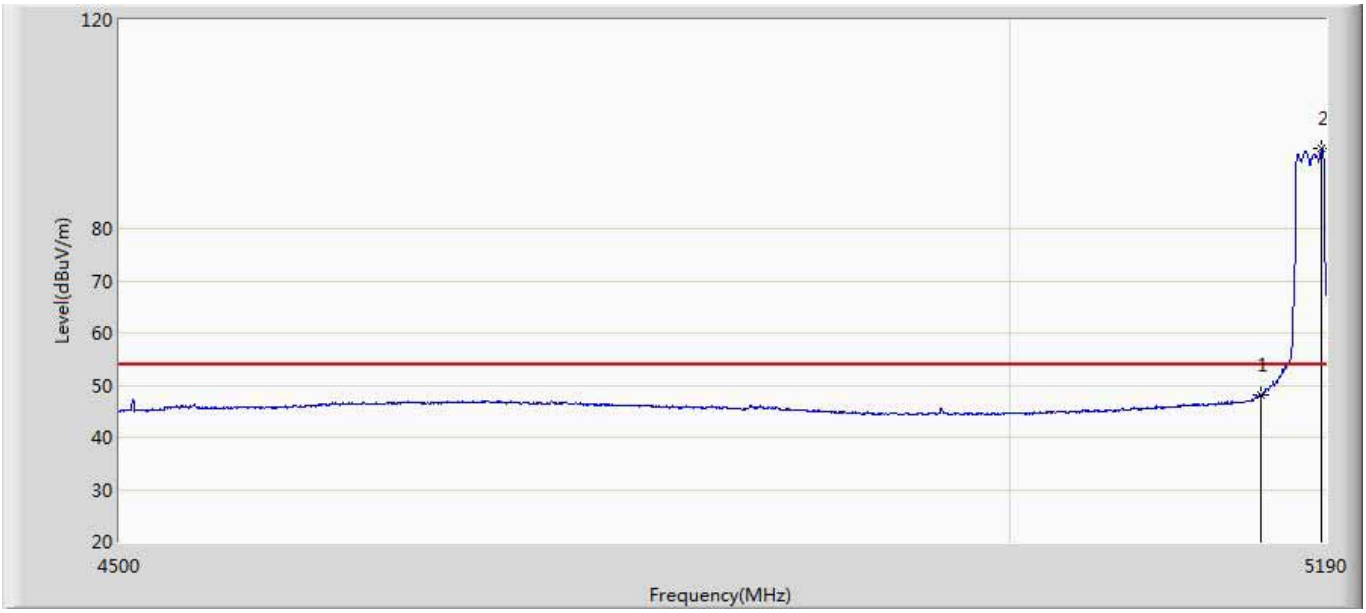
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.363	8.829	-5.637	54.000	39.534	AV
2	*	5187.585	96.992	57.387	42.992	54.000	39.605	AV

Profile: Honeywell	Page No.: 78
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 21:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by 802.11A	



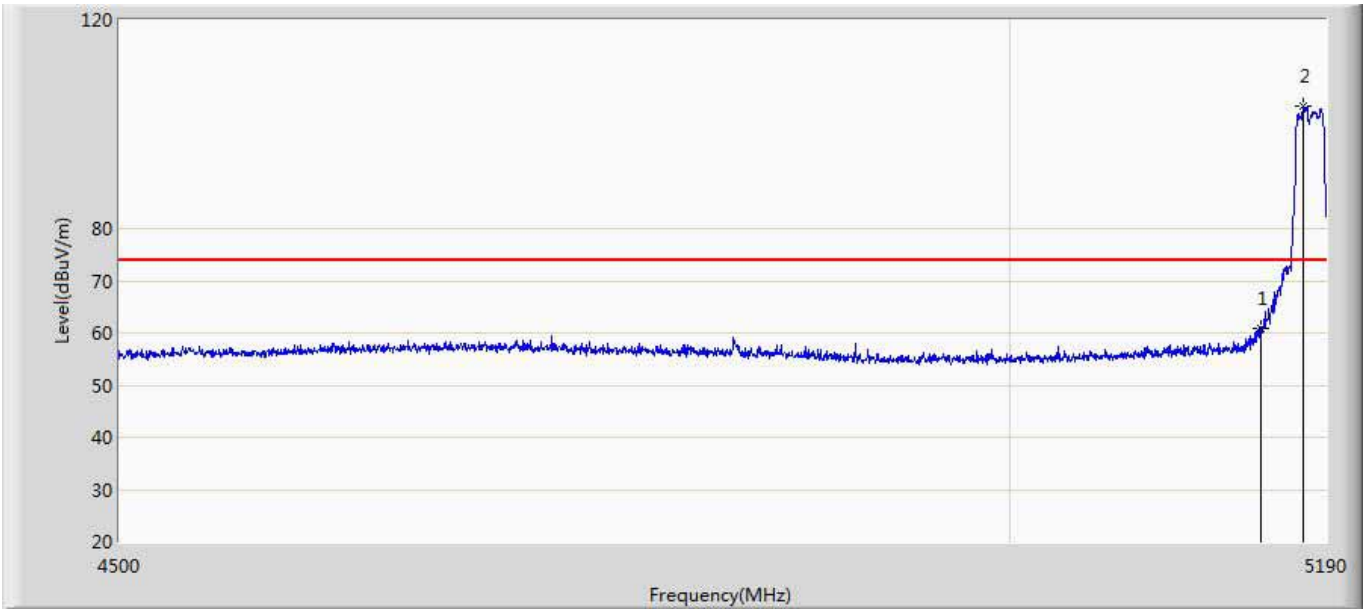
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.229	22.695	-11.771	74.000	39.534	PK
2	*	5176.545	105.386	65.790	31.386	74.000	39.597	PK

Profile: Honeywell	Page No.: 79
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 21:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by 802.11A	



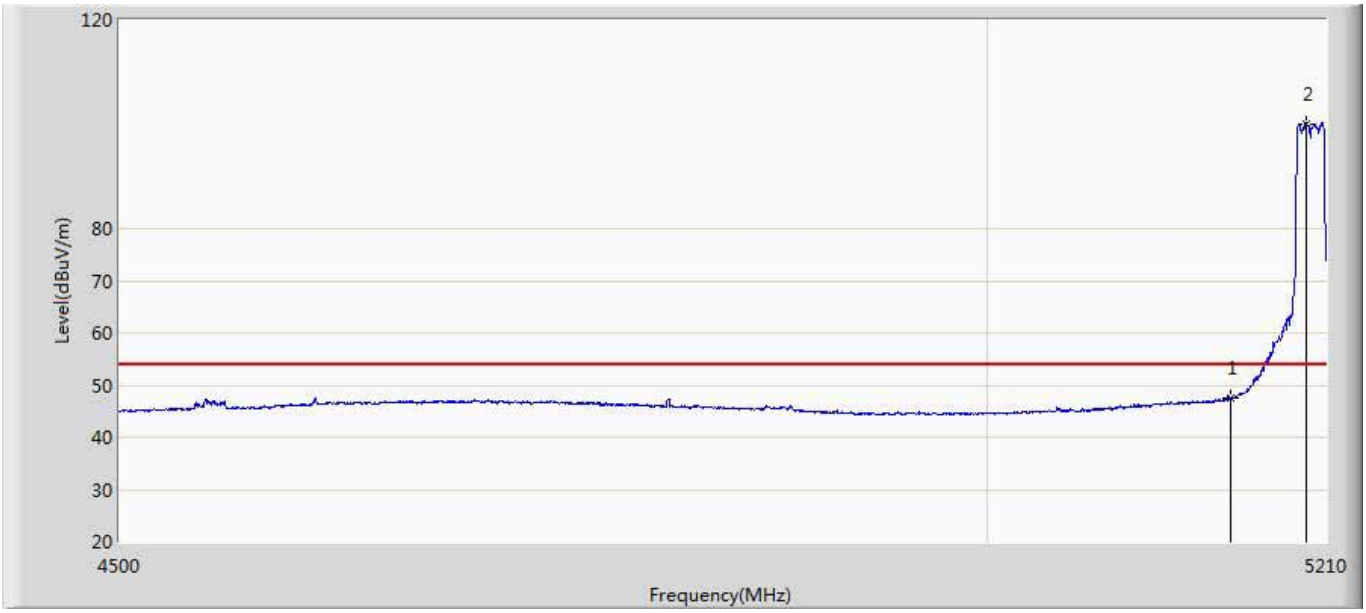
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.977	8.443	-6.023	54.000	39.534	AV
2	*	5187.585	95.242	55.637	41.242	54.000	39.605	AV

Profile: Honeywell	Page No.: 80
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5180 by 802.11A	



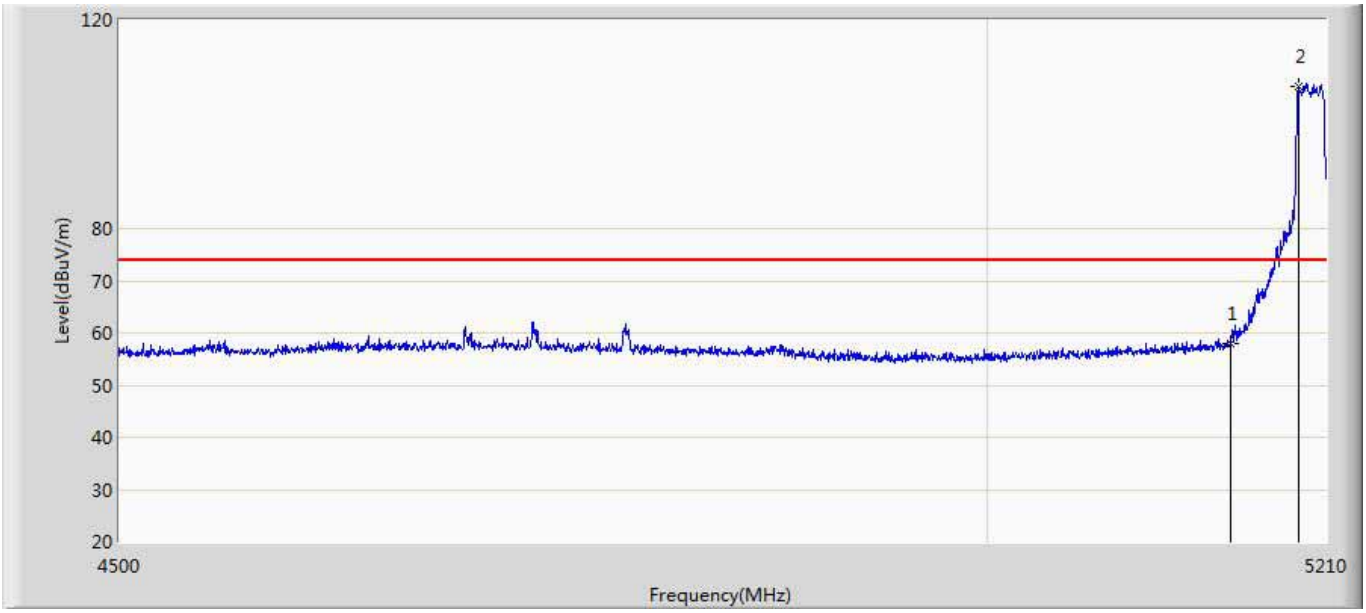
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.890	21.356	-13.110	74.000	39.534	PK
2	*	5176.545	103.591	63.995	29.591	74.000	39.597	PK

Profile: Honeywell	Page No.: 81
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200 by 802.11A	



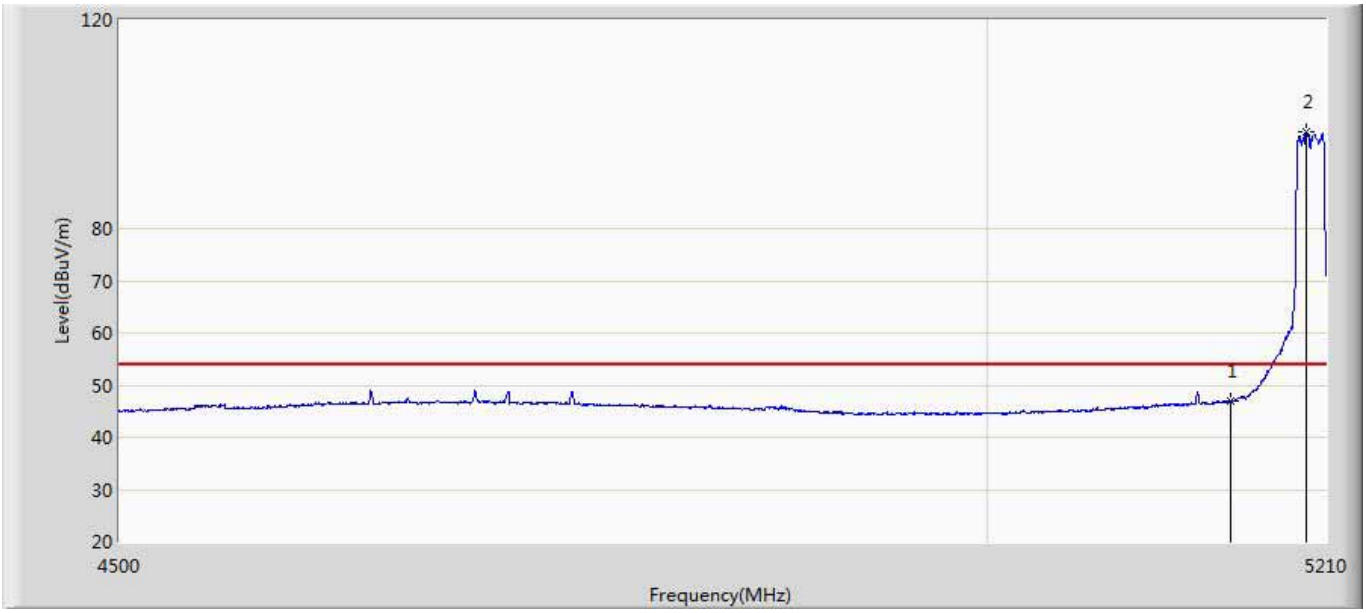
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.581	8.047	-6.419	54.000	39.534	AV
2	*	5197.220	100.120	60.428	46.120	54.000	39.692	AV

Profile: Honeywell	Page No.: 82
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200 by 802.11A	



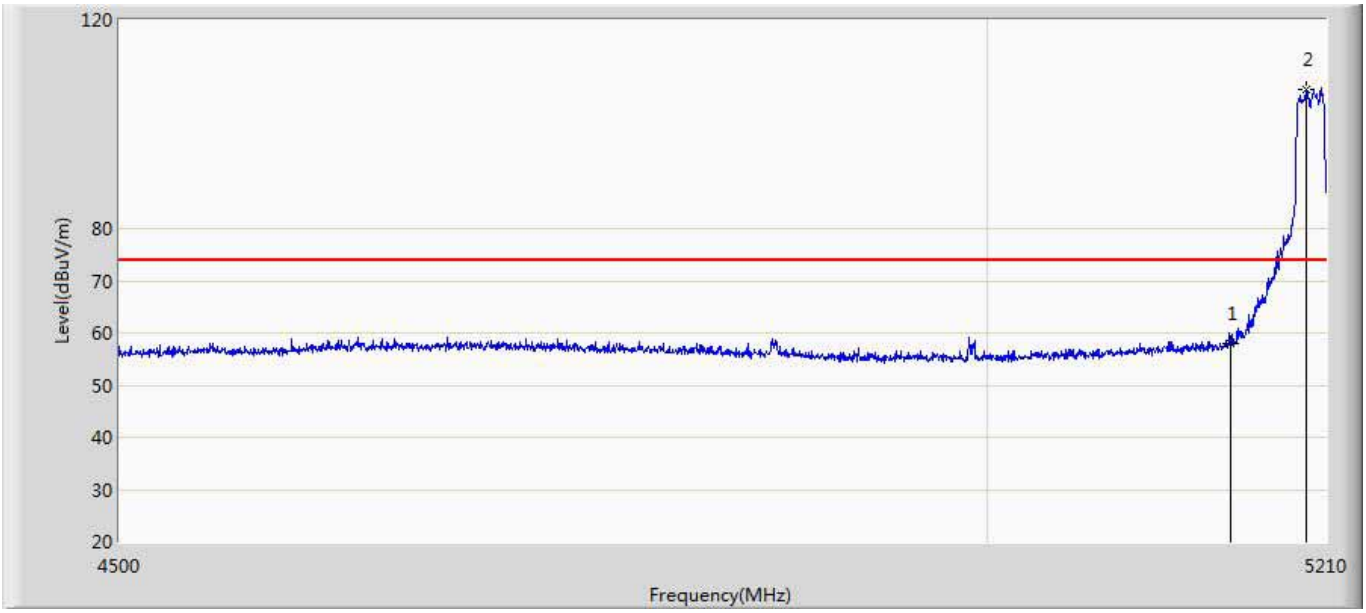
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.048	18.514	-15.952	74.000	39.534	PK
2	*	5192.605	107.207	67.557	33.207	74.000	39.651	PK

Profile: Honeywell	Page No.: 83
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200 by 802.11A	



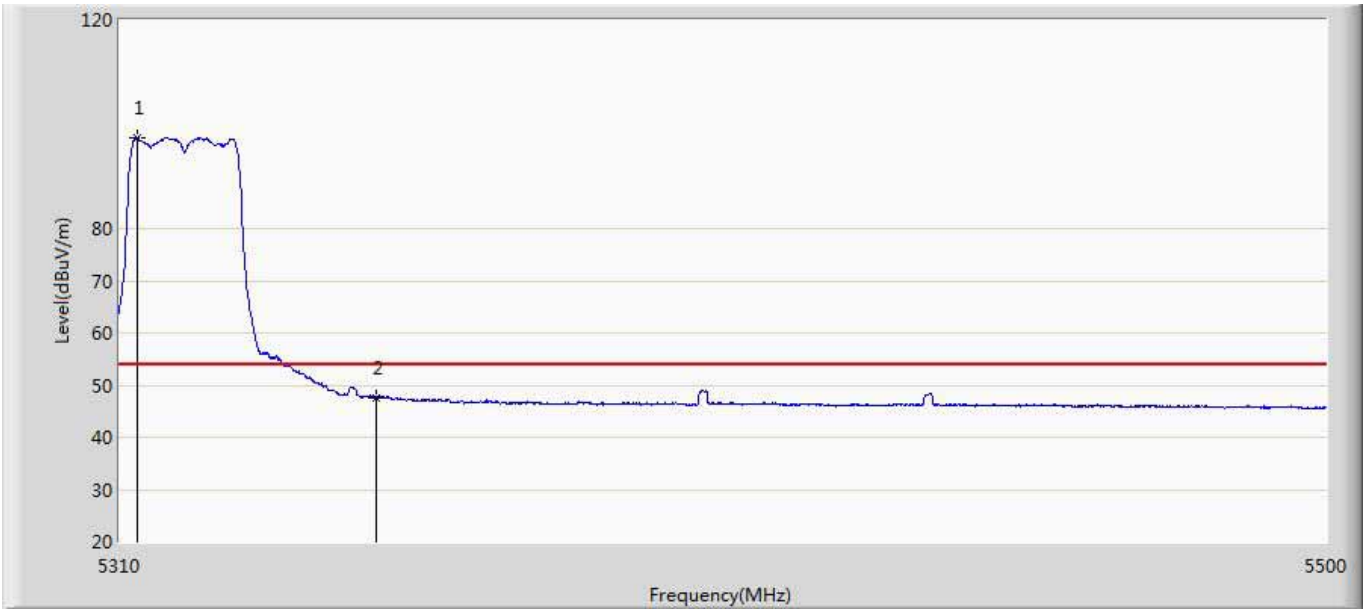
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.012	7.478	-6.988	54.000	39.534	AV
2	*	5197.220	98.416	58.724	44.416	54.000	39.692	AV

Profile: Honeywell	Page No.: 84
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5200 by 802.11A	



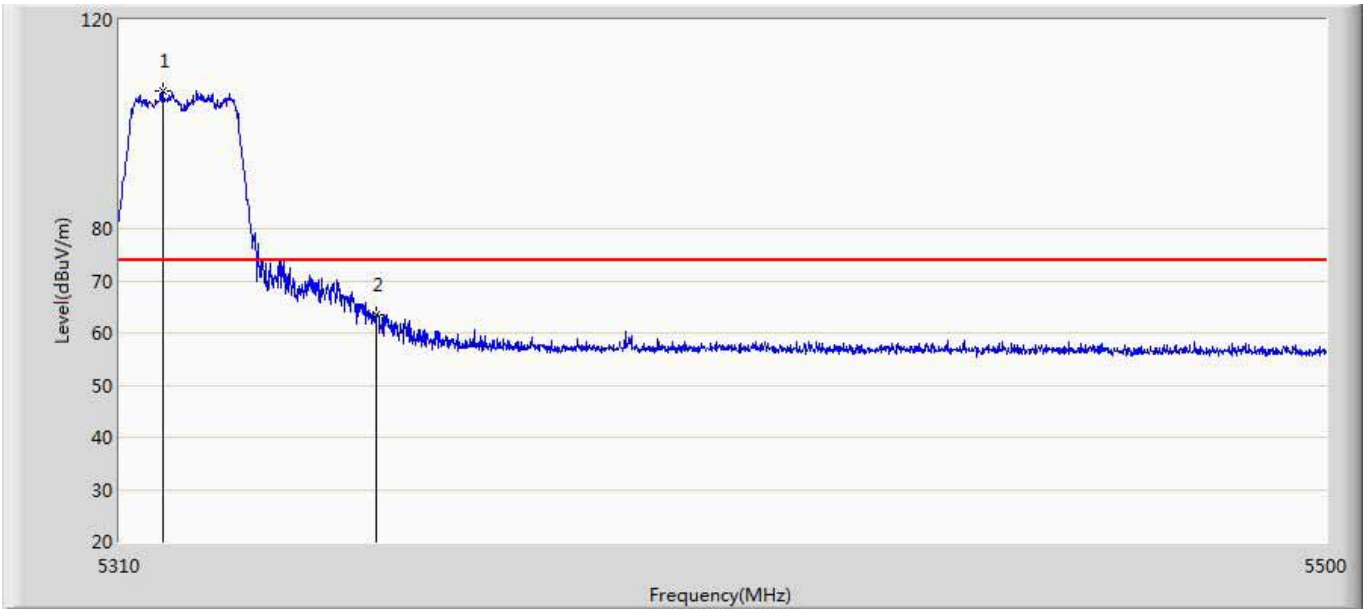
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	58.040	18.506	-15.960	74.000	39.534	PK
2	*	5197.575	106.591	66.896	32.591	74.000	39.696	PK

Profile: Honeywell	Page No.: 85
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320 by 802.11A	



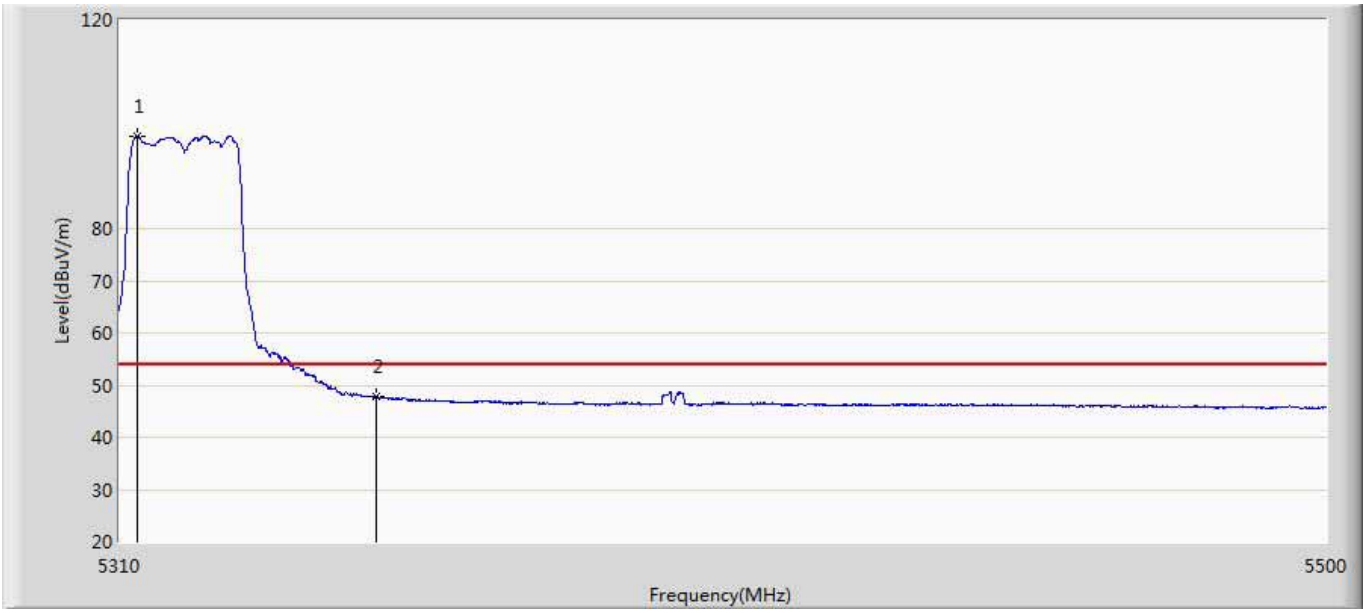
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.850	97.408	57.507	43.408	54.000	39.901	AV
2		5350.000	47.549	7.678	-6.451	54.000	39.871	AV

Profile: Honeywell	Page No.: 86
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320 by 802.11A	



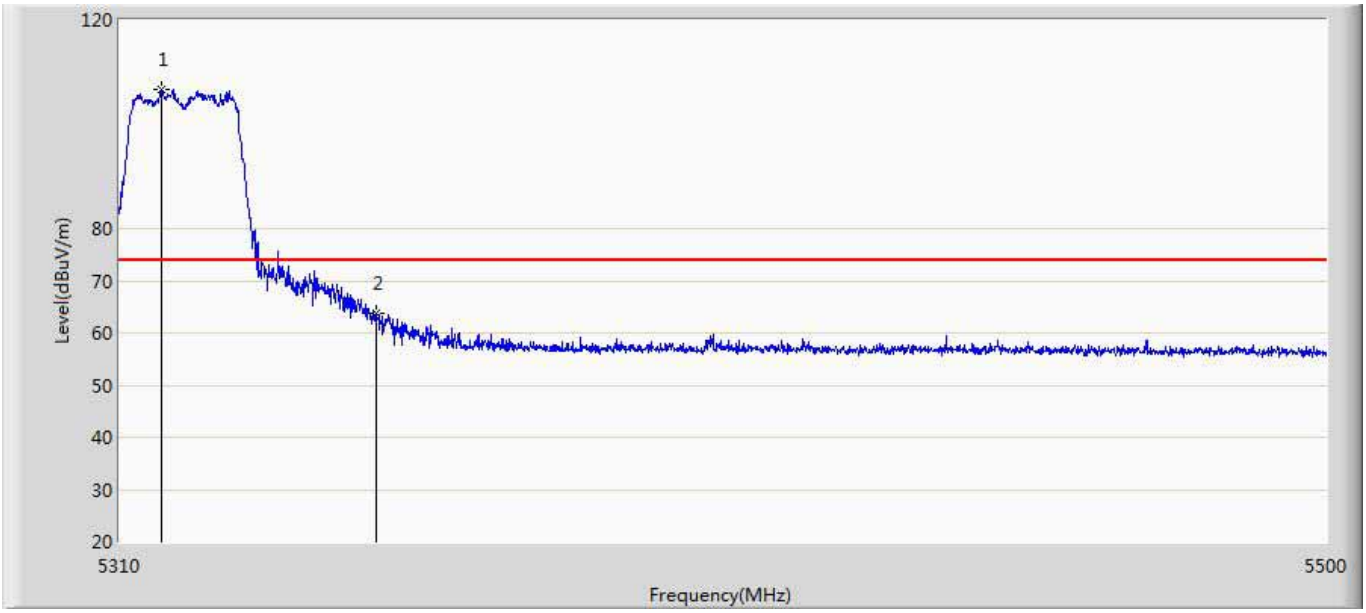
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.745	106.309	66.382	32.309	74.000	39.927	PK
2		5350.000	63.530	23.659	-10.470	74.000	39.871	PK

Profile: Honeywell	Page No.: 87
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320 by 802.11A	



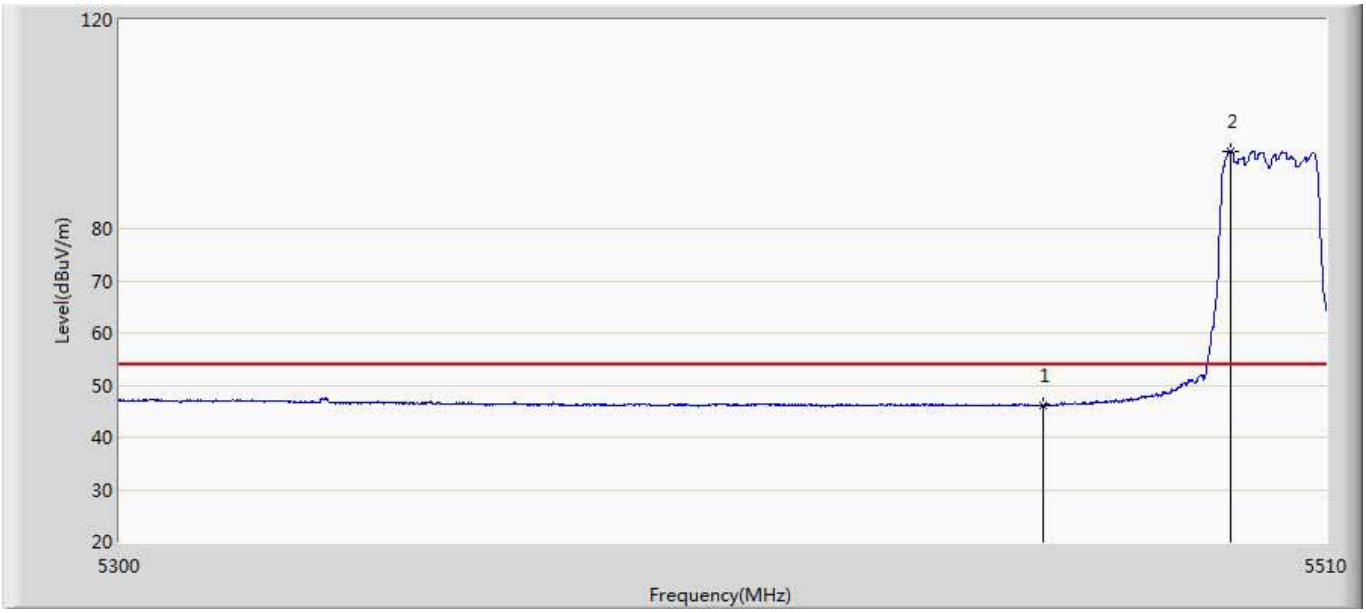
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.850	97.569	57.668	43.569	54.000	39.901	AV
2		5350.000	47.752	7.881	-6.248	54.000	39.871	AV

Profile: Honeywell	Page No.: 88
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320 by 802.11A	



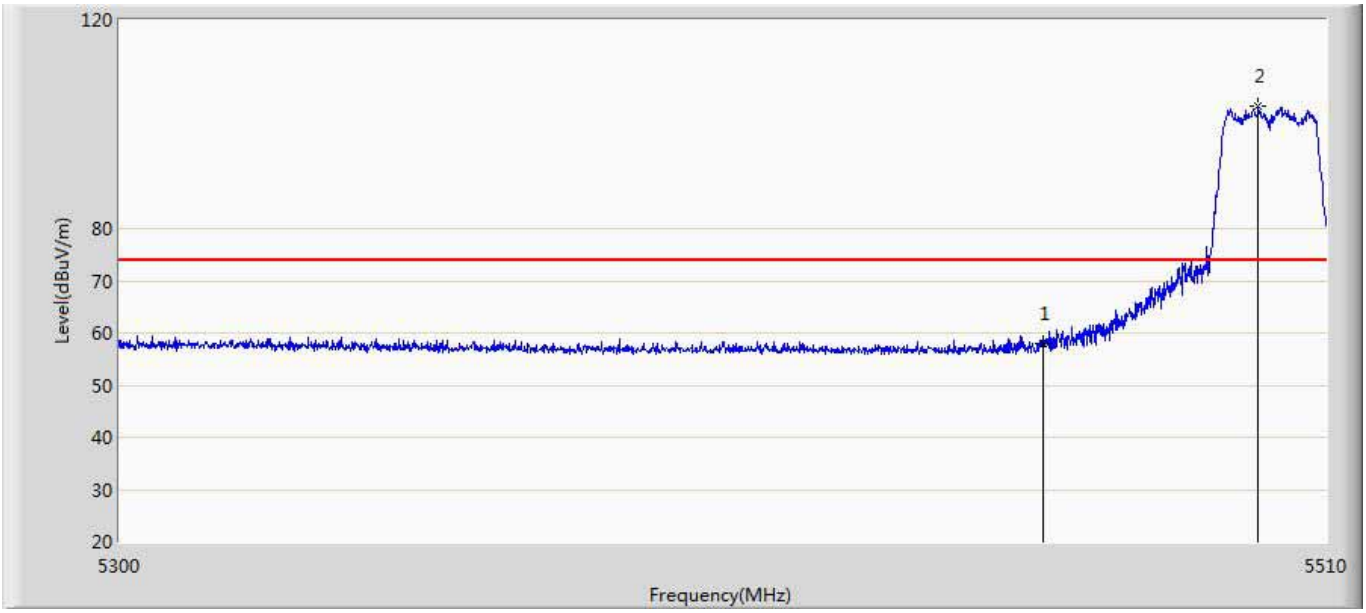
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.460	106.697	66.772	32.697	74.000	39.924	PK
2		5350.000	63.631	23.760	-10.369	74.000	39.871	PK

Profile: Honeywell	Page No.: 89
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500 by 802.11A	



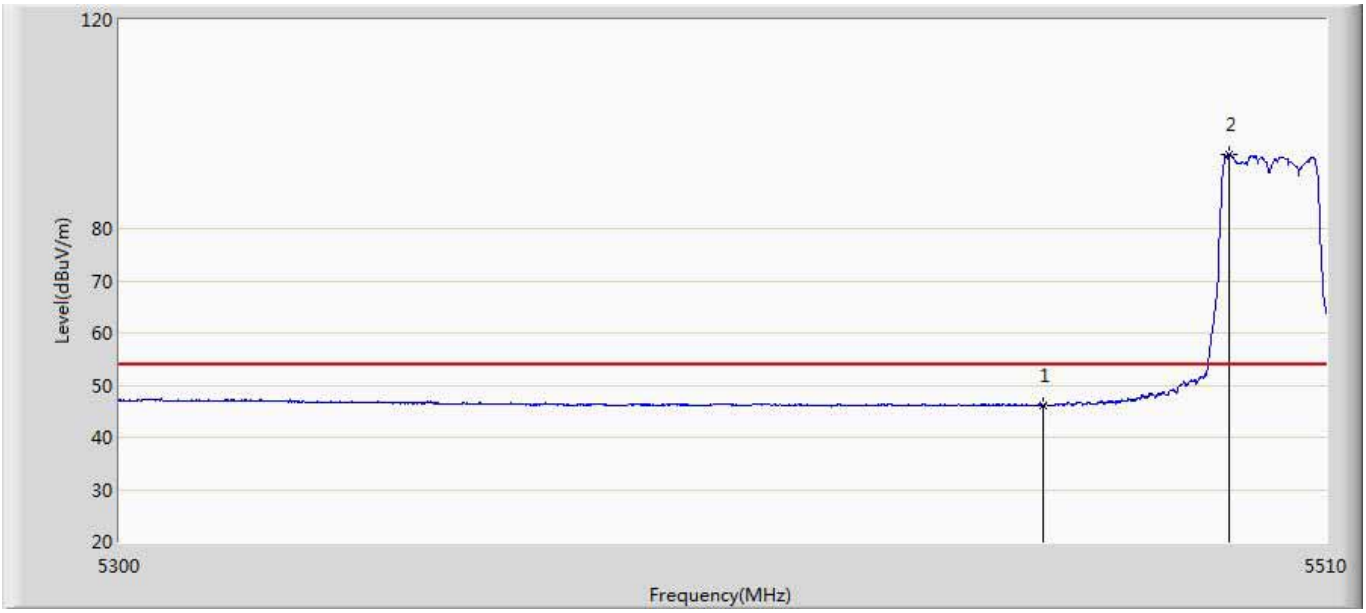
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.040	6.006	-7.960	54.000	40.034	AV
2	*	5493.200	94.725	54.580	40.725	54.000	40.145	AV

Profile: Honeywell	Page No.: 90
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500 by 802.11A	



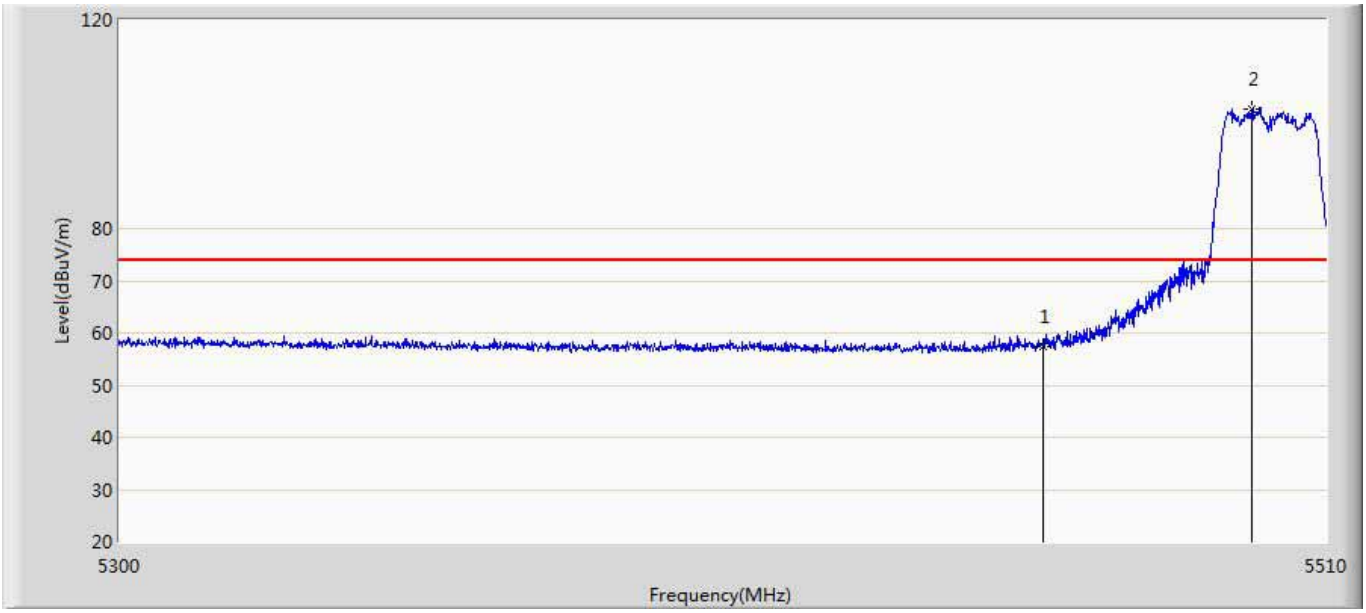
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.024	17.990	-15.976	74.000	40.034	PK
2	*	5498.030	103.544	63.413	29.544	74.000	40.131	PK

Profile: Honeywell	Page No.: 91
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500 by 802.11A	



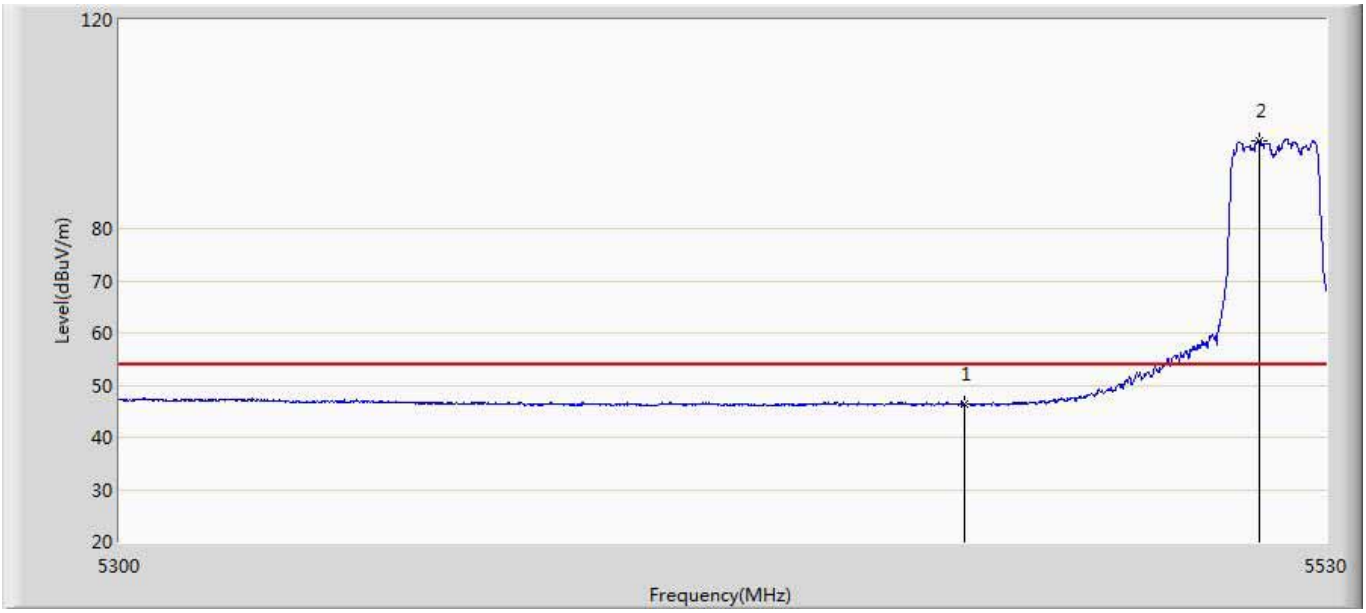
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.160	6.126	-7.840	54.000	40.034	AV
2	*	5492.780	94.106	53.960	40.106	54.000	40.146	AV

Profile: Honeywell	Page No.: 92
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500 by 802.11A	



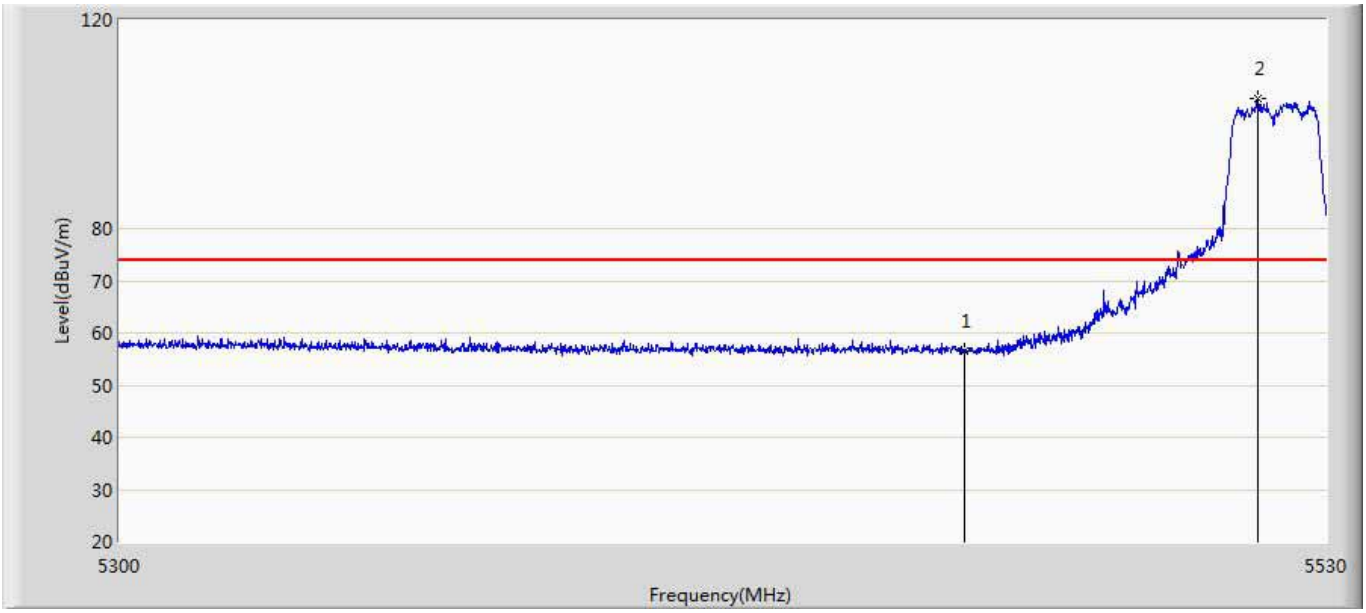
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	57.440	17.406	-16.560	74.000	40.034	PK
2	*	5496.770	102.874	62.740	28.874	74.000	40.135	PK

Profile: Honeywell	Page No.: 93
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5520 by 802.11A	



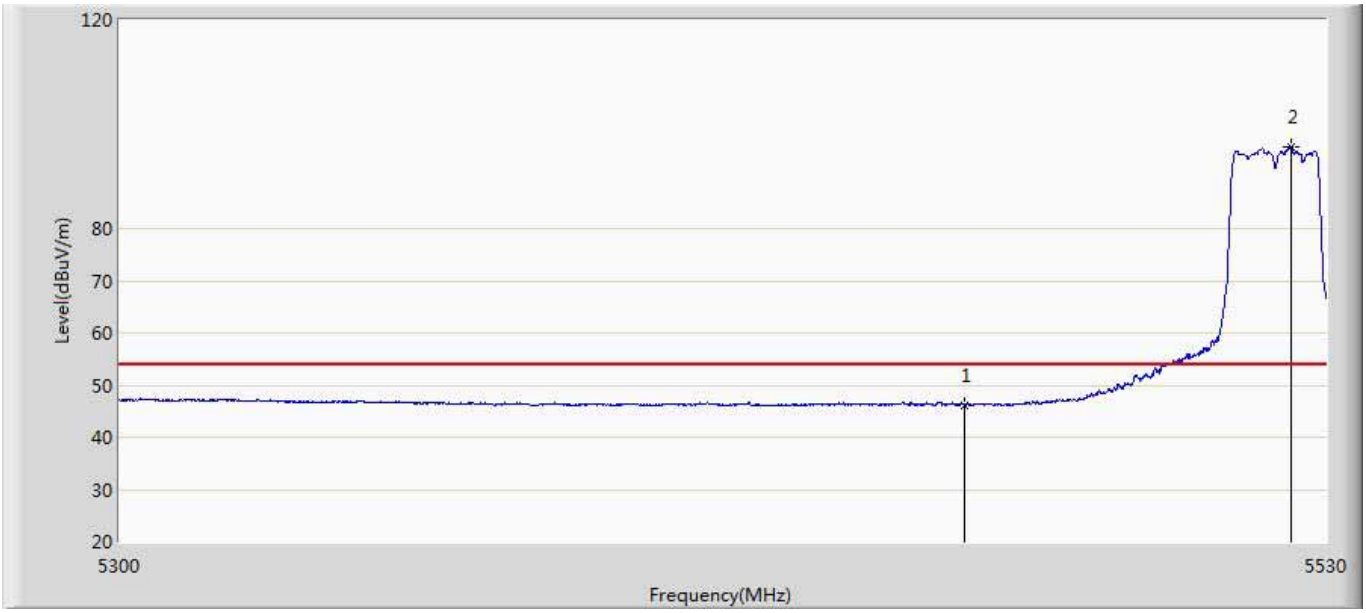
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.262	6.228	-7.738	54.000	40.034	AV
2	*	5517.005	96.915	56.791	42.915	54.000	40.124	AV

Profile: Honeywell	Page No.: 94
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5520 by 802.11A	



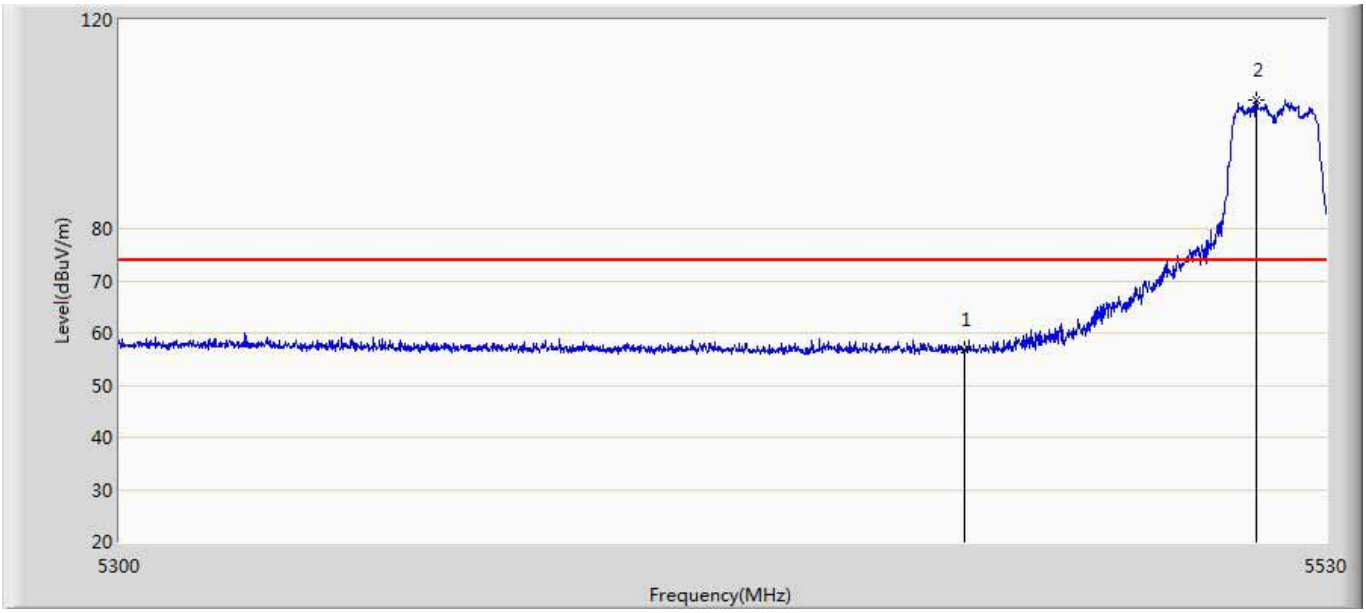
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	56.618	16.584	-17.382	74.000	40.034	PK
2	*	5516.660	104.877	64.753	30.877	74.000	40.124	PK

Profile: Honeywell	Page No.: 95
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5520 by 802.11A	



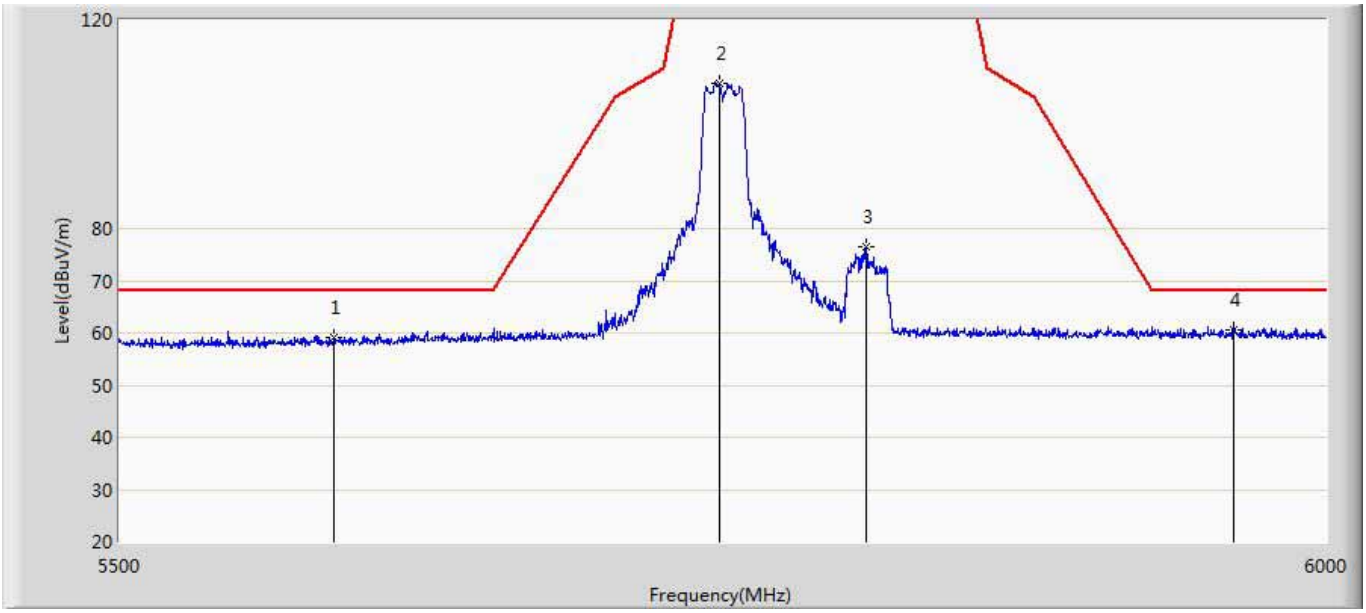
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.208	6.174	-7.792	54.000	40.034	AV
2	*	5523.215	95.633	55.490	41.633	54.000	40.144	AV

Profile: Honeywell	Page No.: 96
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5520 by 802.11A	



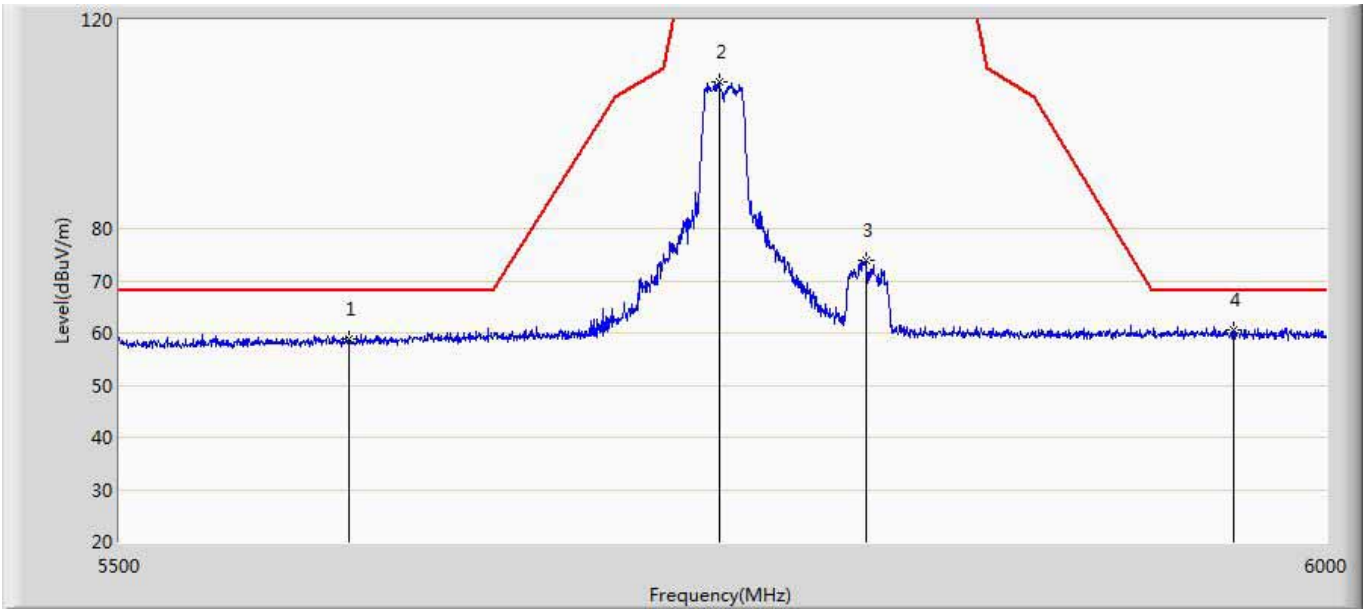
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	56.703	16.669	-17.297	74.000	40.034	PK
2	*	5516.545	104.738	64.614	30.738	74.000	40.124	PK

Profile: Honeywell	Page No.: 97
Engineer: Pawn	
Site: AC5	Time: 2018/03/29 - 22:56
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745 by 802.11A	



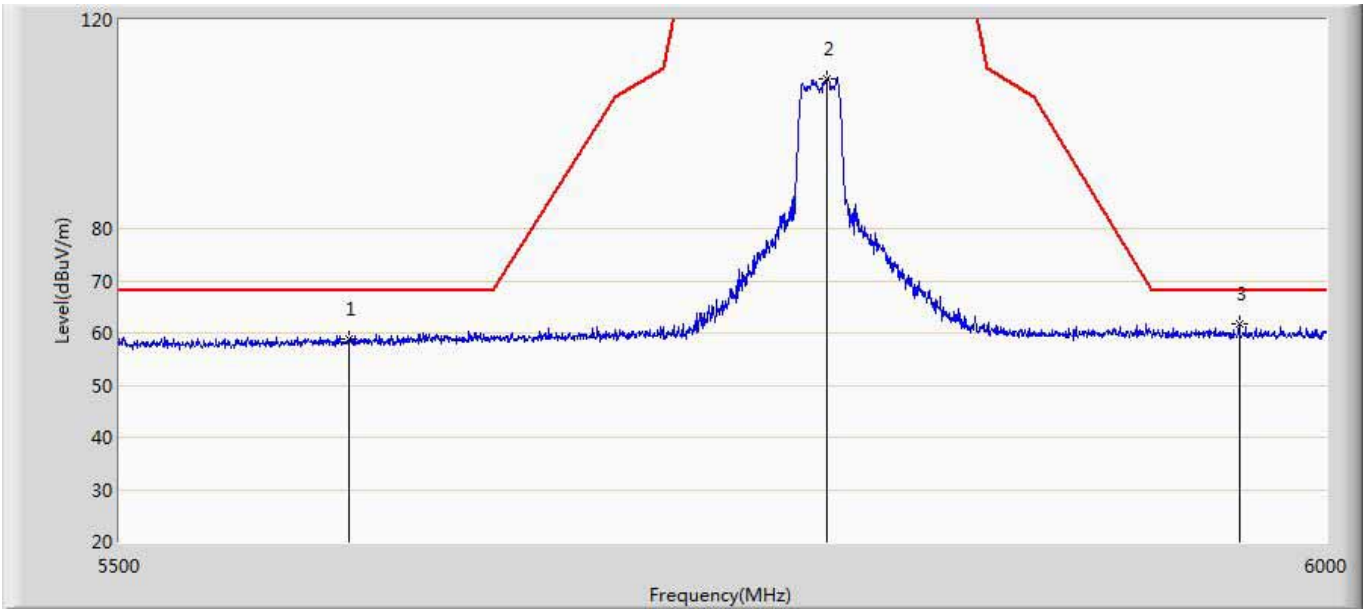
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5586.000	59.115	18.787	-9.085	68.200	40.328	PK
2		5743.500	107.736	67.153	-14.464	122.200	40.583	PK
3		5804.250	76.473	35.702	-45.727	122.200	40.771	PK
4	*	5960.000	60.552	19.535	-7.648	68.200	41.016	PK

Profile: Honeywell	Page No.: 98
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:31
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745 by 802.11A	



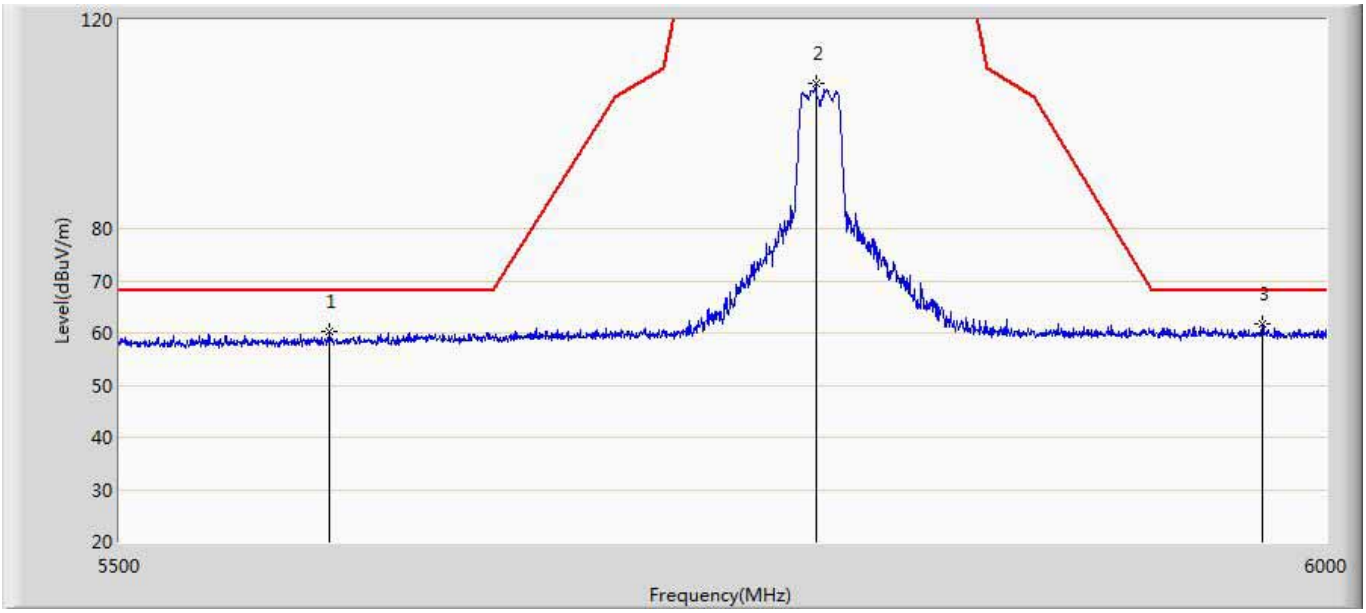
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5592.000	58.886	18.547	-9.314	68.200	40.340	PK
2		5743.000	108.057	67.475	-14.143	122.200	40.582	PK
3		5804.250	73.990	33.219	-48.210	122.200	40.771	PK
4	*	5960.000	60.552	19.535	-7.648	68.200	41.016	PK

Profile: Honeywell	Page No.: 99
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:33
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785 by 802.11A	



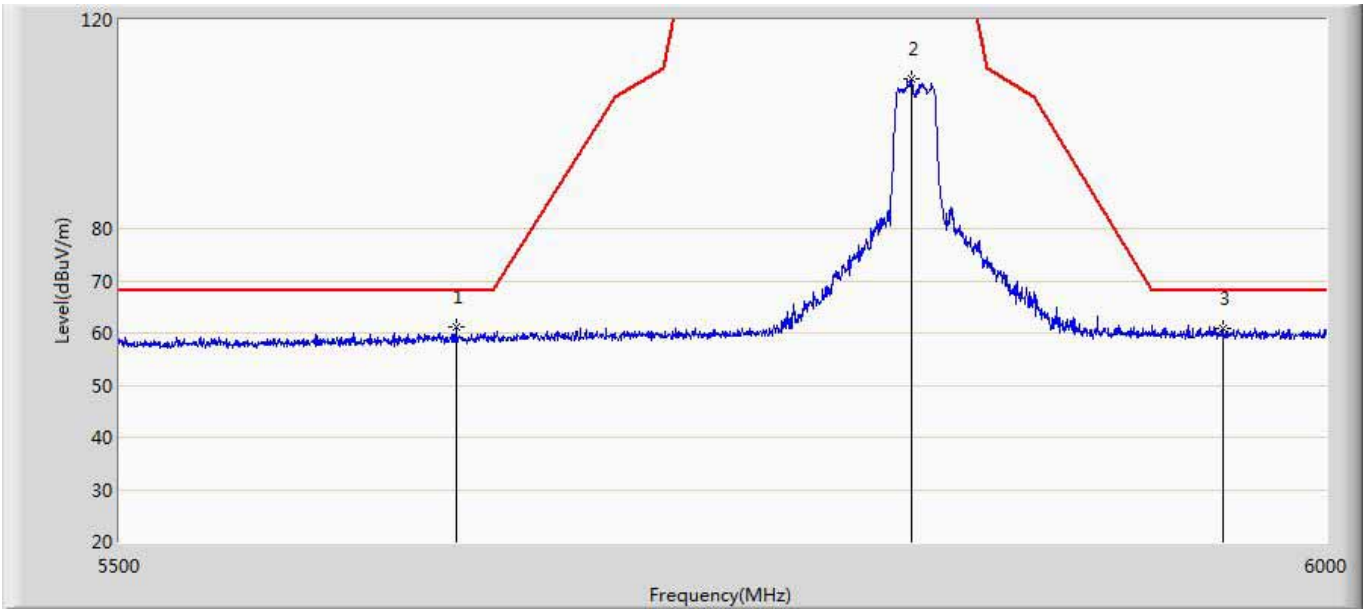
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5592.000	58.886	18.547	-9.314	68.200	40.340	PK
2		5788.000	108.715	67.989	-13.485	122.200	40.727	PK
3	*	5962.500	61.787	20.776	-6.413	68.200	41.011	PK

Profile: Honeywell	Page No.: 100
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:35
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785 by 802.11A	



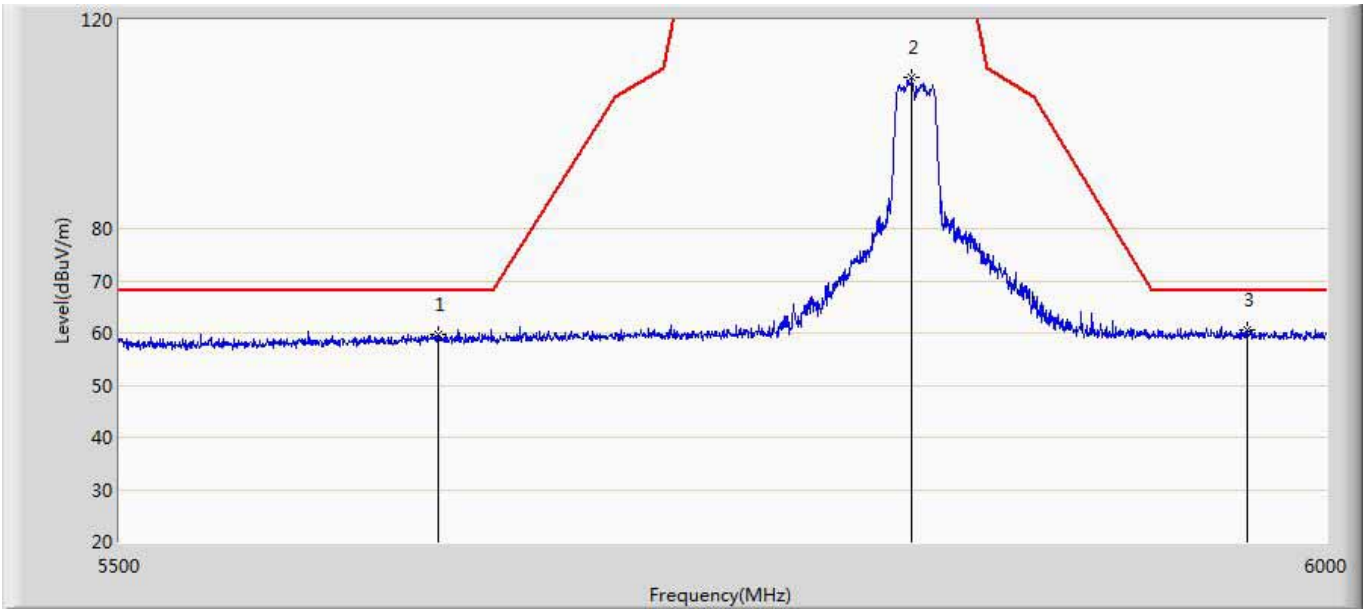
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5583.750	60.322	20.004	-7.878	68.200	40.318	PK
2		5783.250	107.687	66.993	-14.513	122.200	40.694	PK
3	*	5972.750	61.866	20.842	-6.334	68.200	41.024	PK

Profile: Honeywell	Page No.: 101
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:37
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825 by 802.11A	



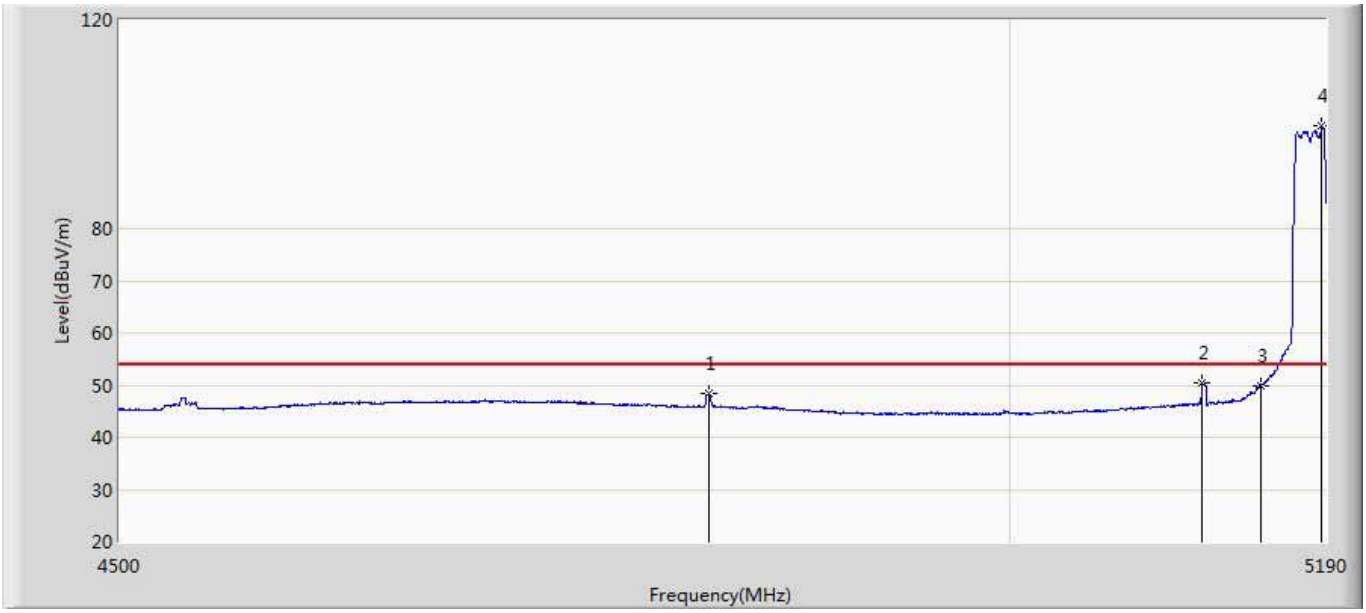
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5635.250	61.015	20.594	-7.185	68.200	40.421	PK
2		5823.250	108.838	68.108	-13.362	122.200	40.730	PK
3		5955.500	60.932	19.905	-7.268	68.200	41.027	PK

Profile: Honeywell	Page No.: 102
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:40
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825 by 802.11a	



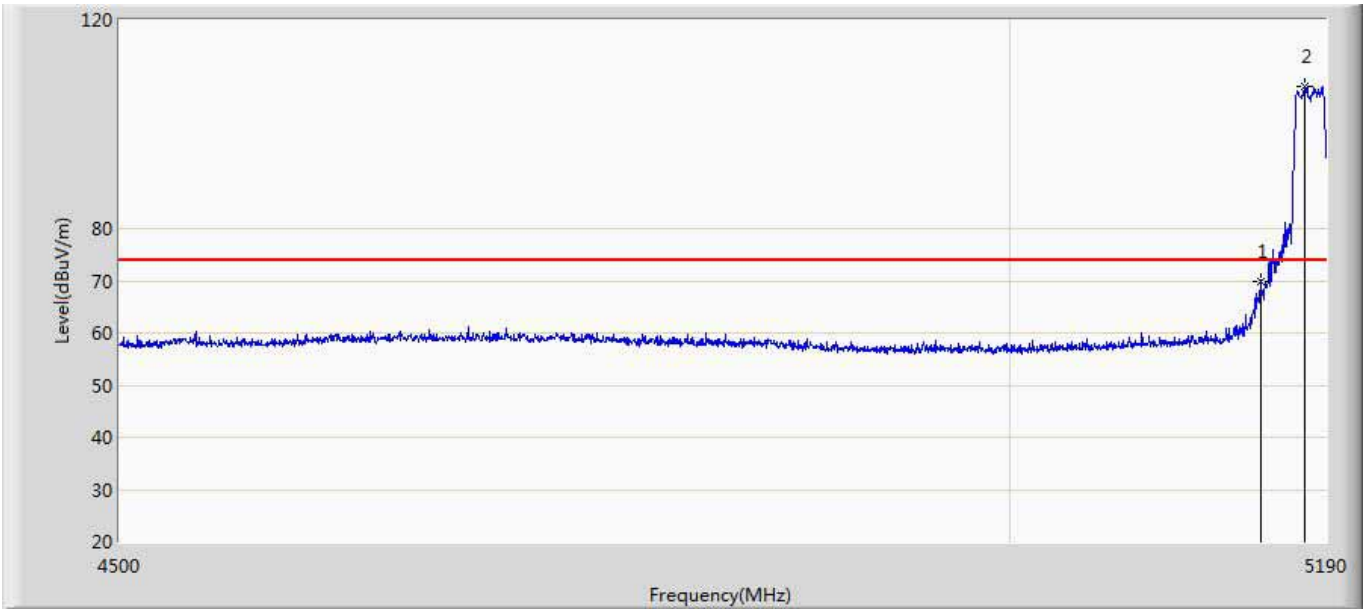
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5628.250	59.625	19.116	-8.575	68.200	40.509	PK
2		5823.500	109.085	68.355	-13.115	122.200	40.730	PK
3	*	5966.250	60.706	19.694	-7.494	68.200	41.012	PK

Profile: Honeywell	Page No.: 103
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by 802.11n20	



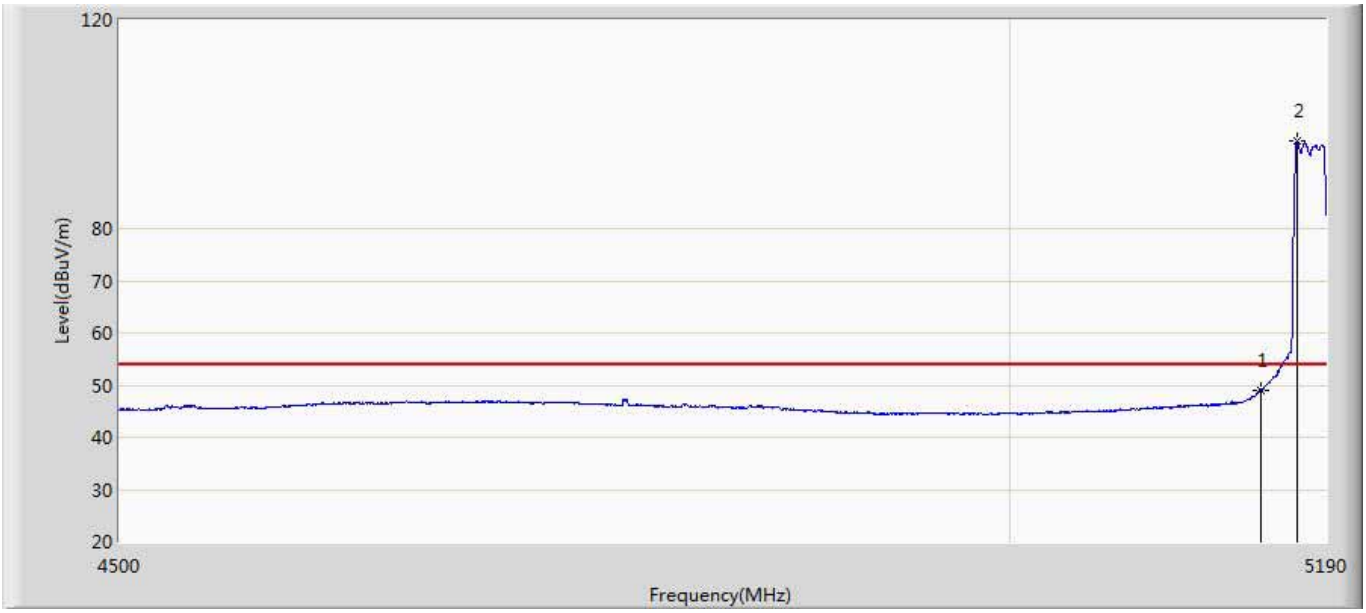
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.335	48.273	9.067	-5.727	54.000	39.206	AV
2		5114.790	50.376	10.835	-3.624	54.000	39.541	AV
3		5150.000	49.962	10.428	-4.038	54.000	39.534	AV
4	*	5187.585	99.612	60.007	45.612	54.000	39.605	AV

Profile: Honeywell	Page No.: 104
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by 802.11n20	



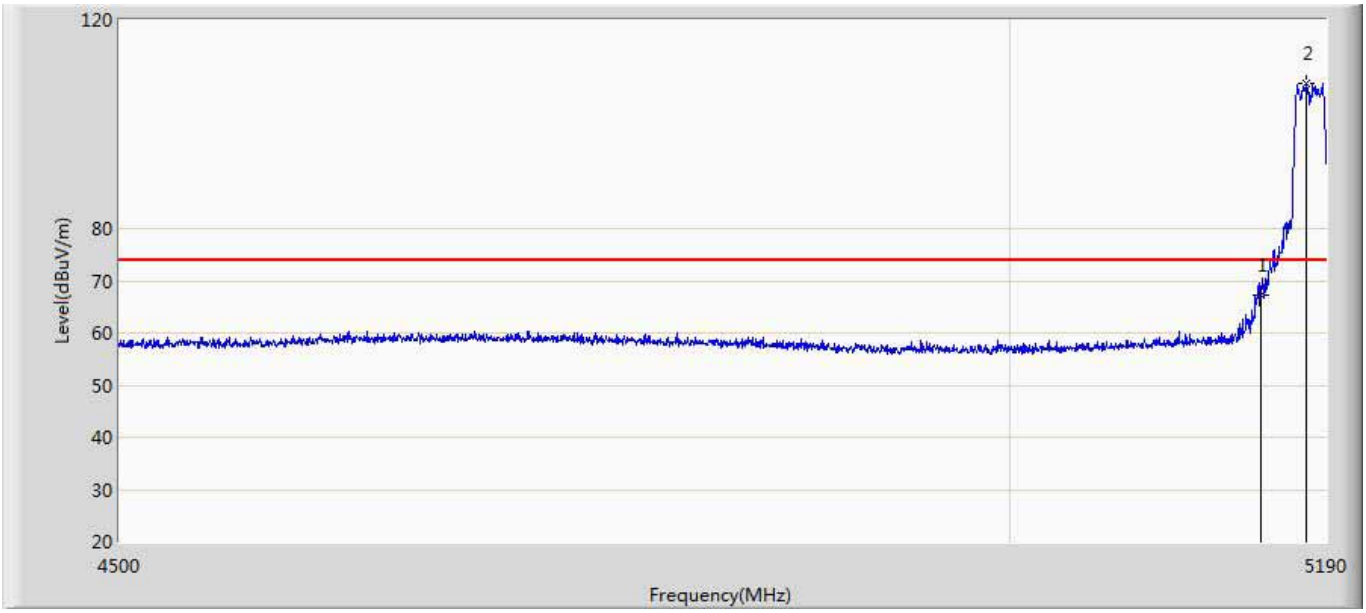
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.765	30.231	-4.235	74.000	39.534	PK
2	*	5177.235	107.285	67.694	33.285	74.000	39.591	PK

Profile: Honeywell	Page No.: 105
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by 802.11n20	



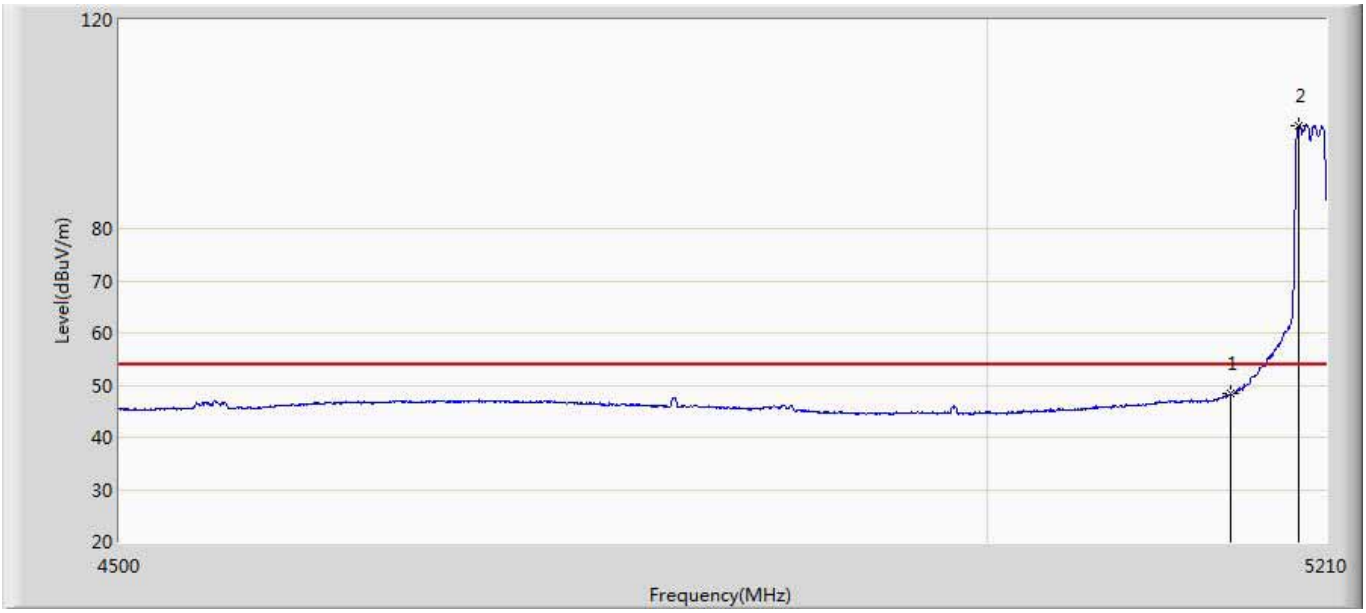
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.960	9.426	-5.040	54.000	39.534	AV
2	*	5172.405	96.785	57.157	42.785	54.000	39.628	AV

Profile: Honeywell	Page No.: 106
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180 by 802.11n20	



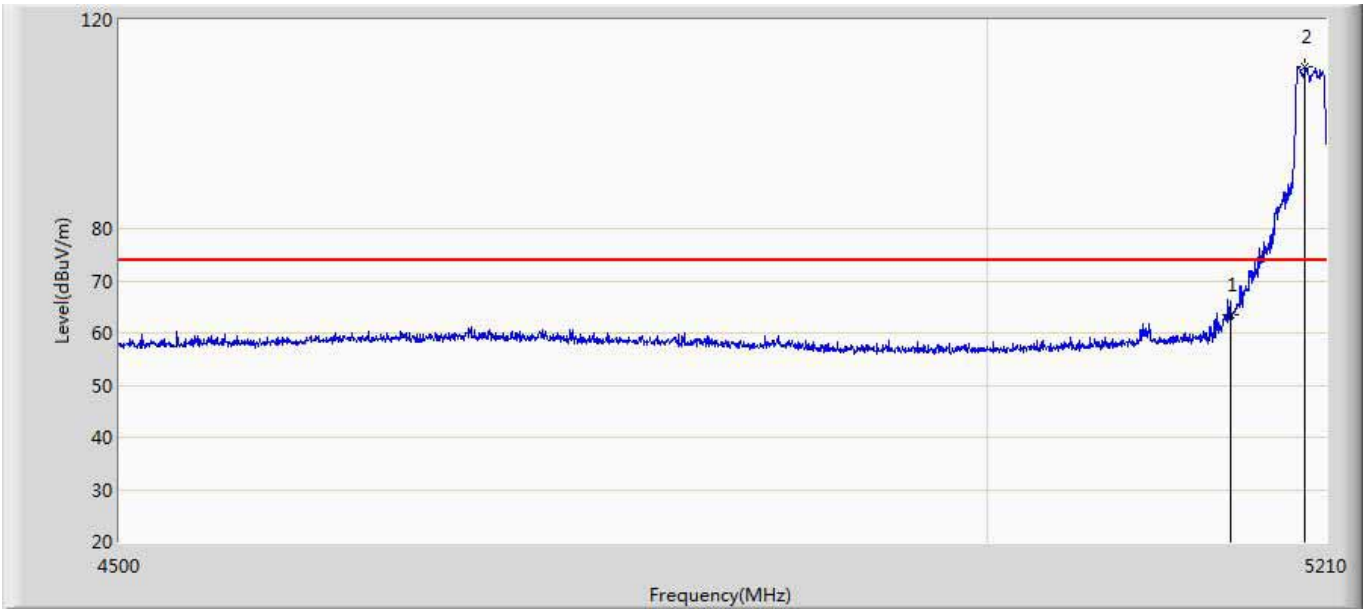
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.309	27.775	-6.691	74.000	39.534	PK
2	*	5177.580	107.737	68.149	33.737	74.000	39.588	PK

Profile: Honeywell	Page No.: 107
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200 by 802.11n20	



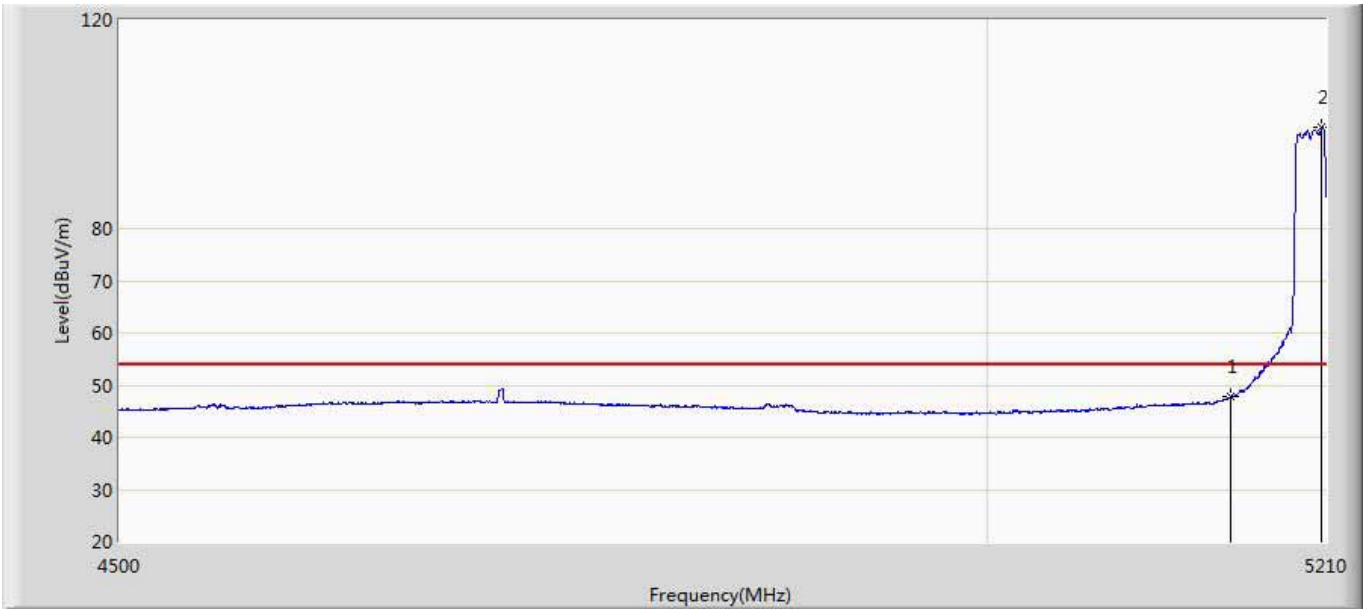
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.498	8.964	-5.502	54.000	39.534	AV
2	*	5192.605	99.763	60.113	45.763	54.000	39.651	AV

Profile: Honeywell	Page No.: 108
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200 by 802.11n20	



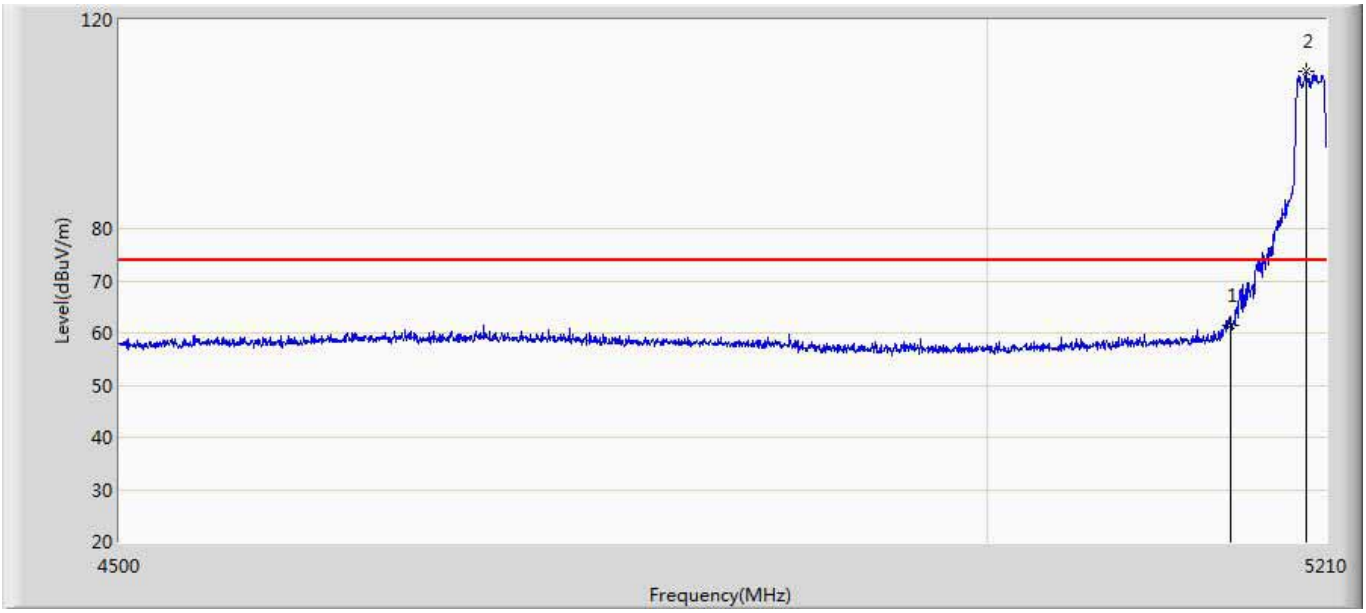
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.454	23.920	-10.546	74.000	39.534	PK
2	*	5196.510	110.943	71.257	36.943	74.000	39.686	PK

Profile: Honeywell	Page No.: 109
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200 by 802.11n20	



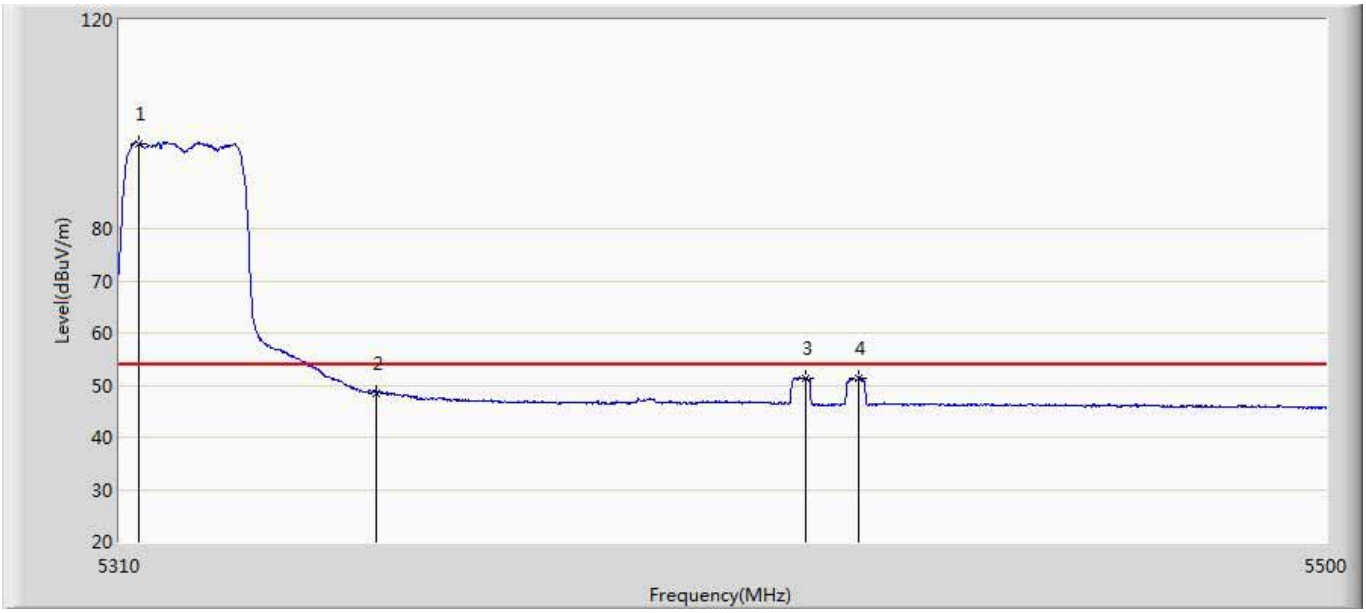
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.793	8.259	-6.207	54.000	39.534	AV
2	*	5207.515	99.436	59.727	45.436	54.000	39.710	AV

Profile: Honeywell	Page No.: 110
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 18:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5200 by 802.11n20	



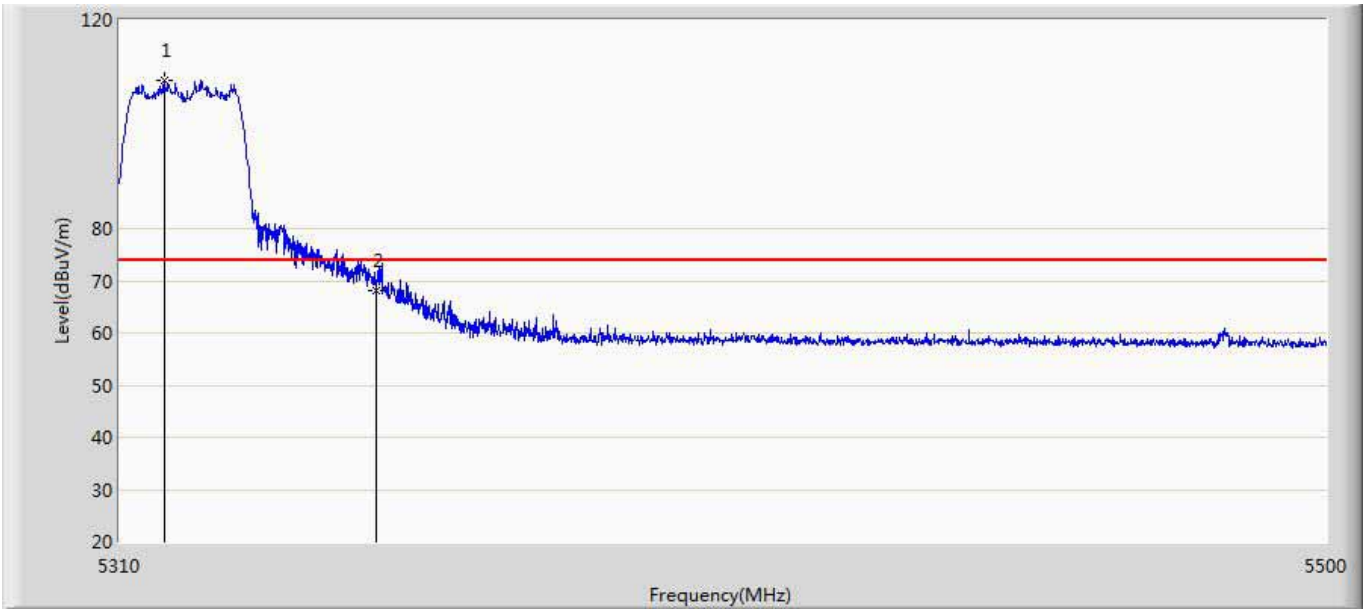
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.368	21.834	-12.632	74.000	39.534	PK
2	*	5197.220	110.160	70.468	36.160	74.000	39.692	PK

Profile: Honeywell	Page No.: 111
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320 by 802.11n20	



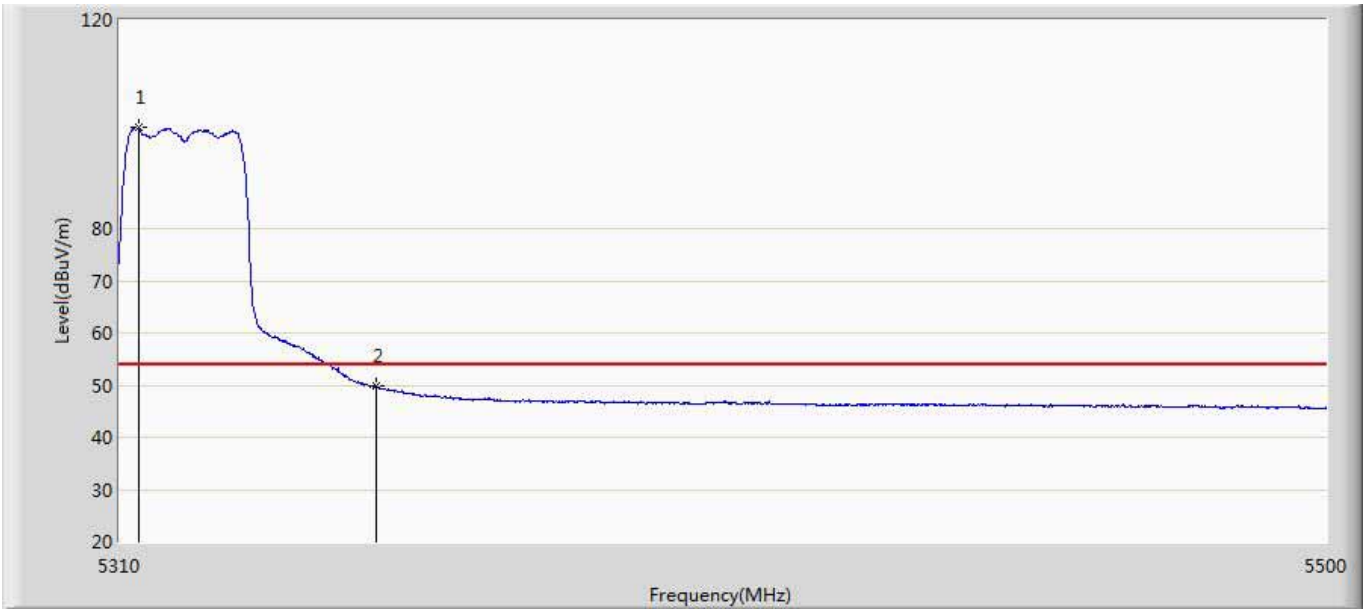
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.135	96.344	56.441	42.344	54.000	39.903	AV
2		5350.000	48.549	8.678	-5.451	54.000	39.871	AV
3		5417.350	51.226	11.244	-2.774	54.000	39.982	AV
4		5425.520	51.213	11.233	-2.787	54.000	39.980	AV

Profile: Honeywell	Page No.: 112
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320 by 802.11n20	



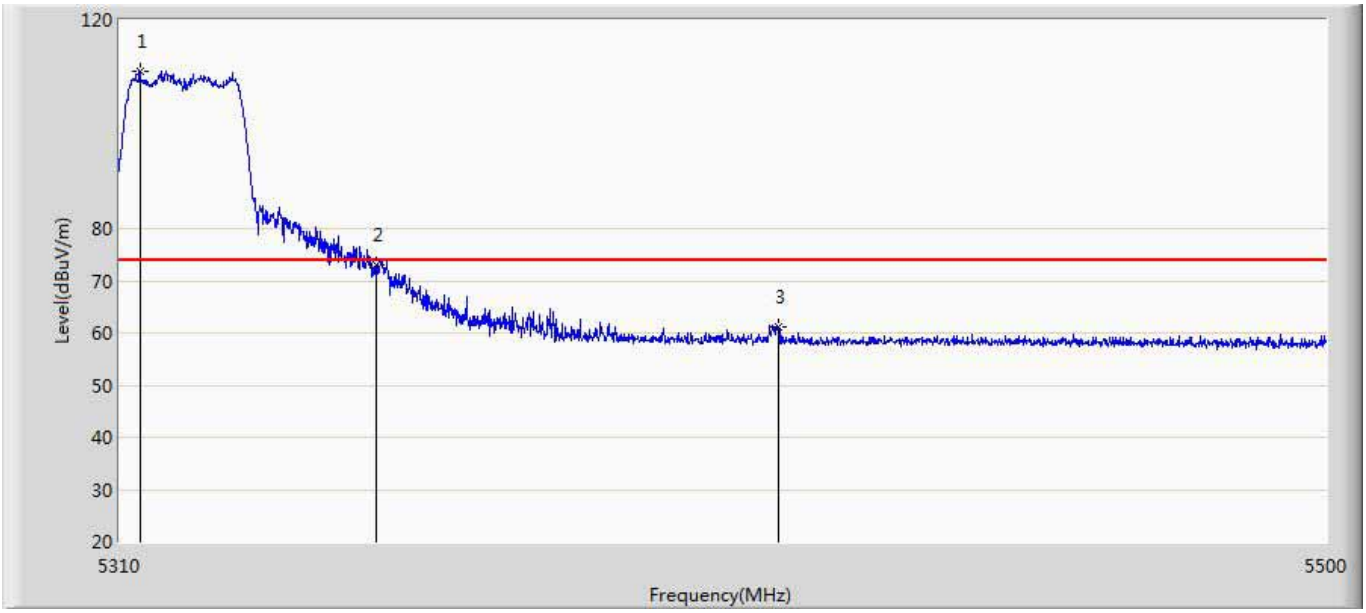
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.935	108.412	68.484	34.412	74.000	39.928	PK
2		5350.000	68.111	28.240	-5.889	74.000	39.871	PK

Profile: Honeywell	Page No.: 113
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320 by 802.11n20	



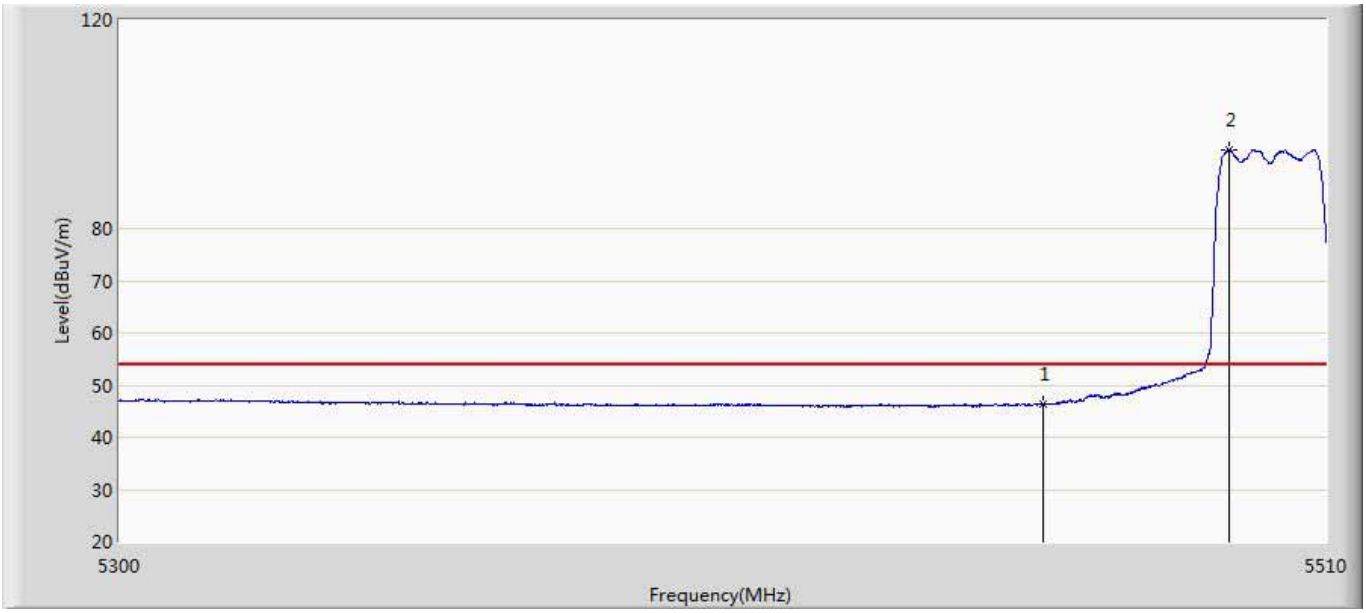
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.135	99.333	59.430	45.333	54.000	39.903	AV
2		5350.000	49.788	9.917	-4.212	54.000	39.871	AV

Profile: Honeywell	Page No.: 114
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320 by 802.11n20	



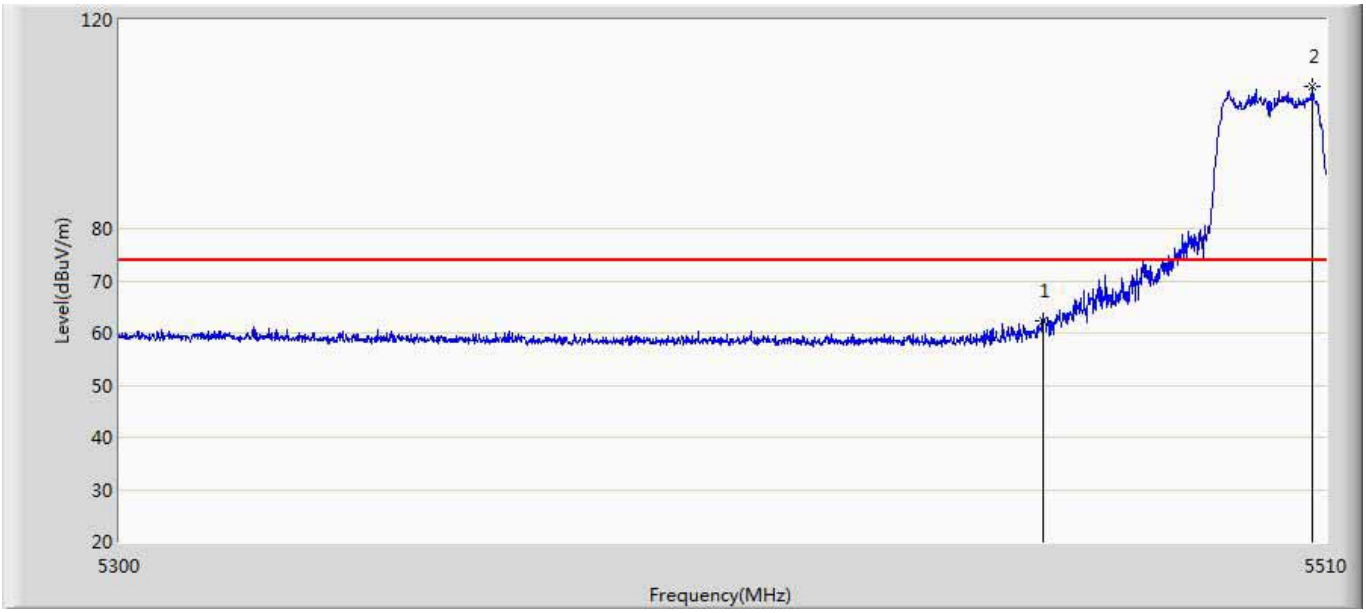
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.230	110.250	70.346	36.250	74.000	39.903	PK
2		5350.000	73.015	33.144	-0.985	74.000	39.871	PK
3		5412.885	61.214	21.209	-12.786	74.000	40.005	PK

Profile: Honeywell	Page No.: 115
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500 by 802.11n20	



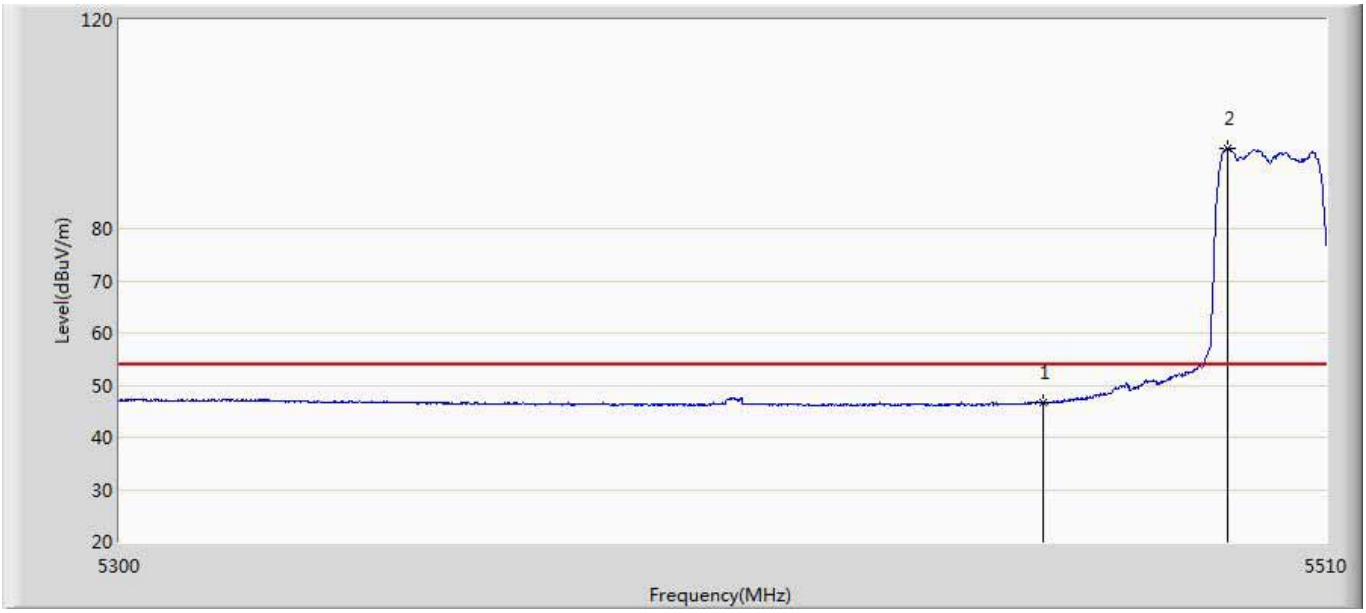
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.415	6.381	-7.585	54.000	40.034	AV
2	*	5492.780	95.011	54.865	41.011	54.000	40.146	AV

Profile: Honeywell	Page No.: 116
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500 by 802.11n20	



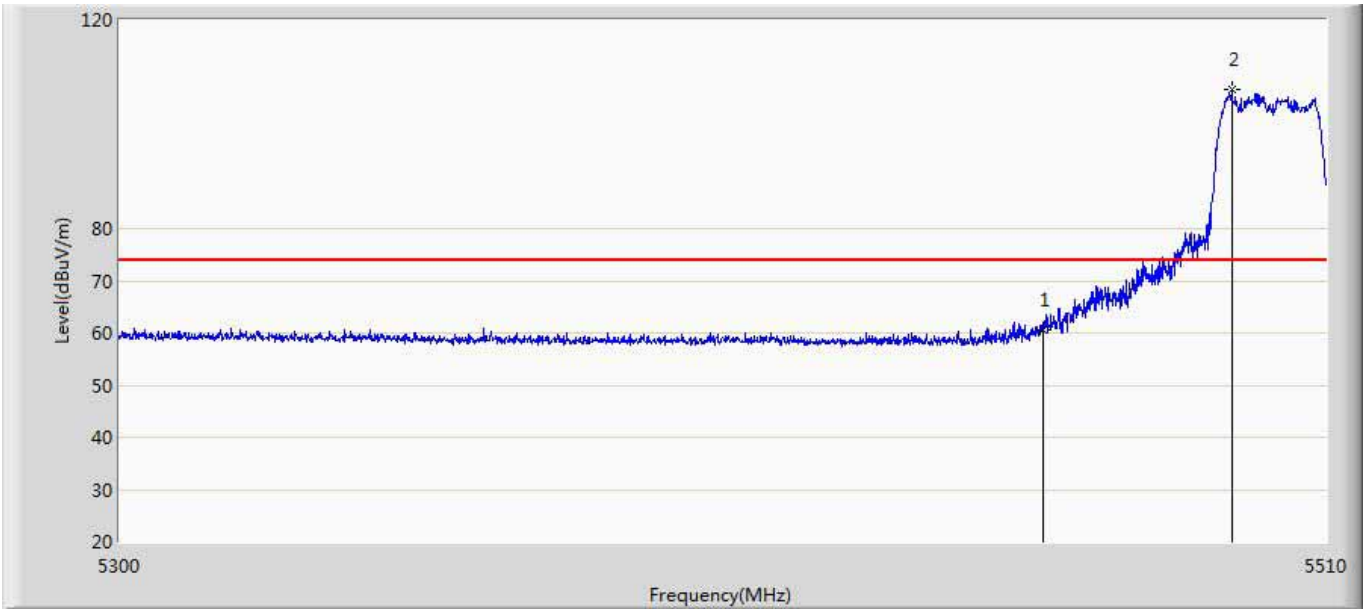
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.378	22.344	-11.622	74.000	40.034	PK
2	*	5507.480	107.149	67.035	33.149	74.000	40.114	PK

Profile: Honeywell	Page No.: 117
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500 by 802.11n20	



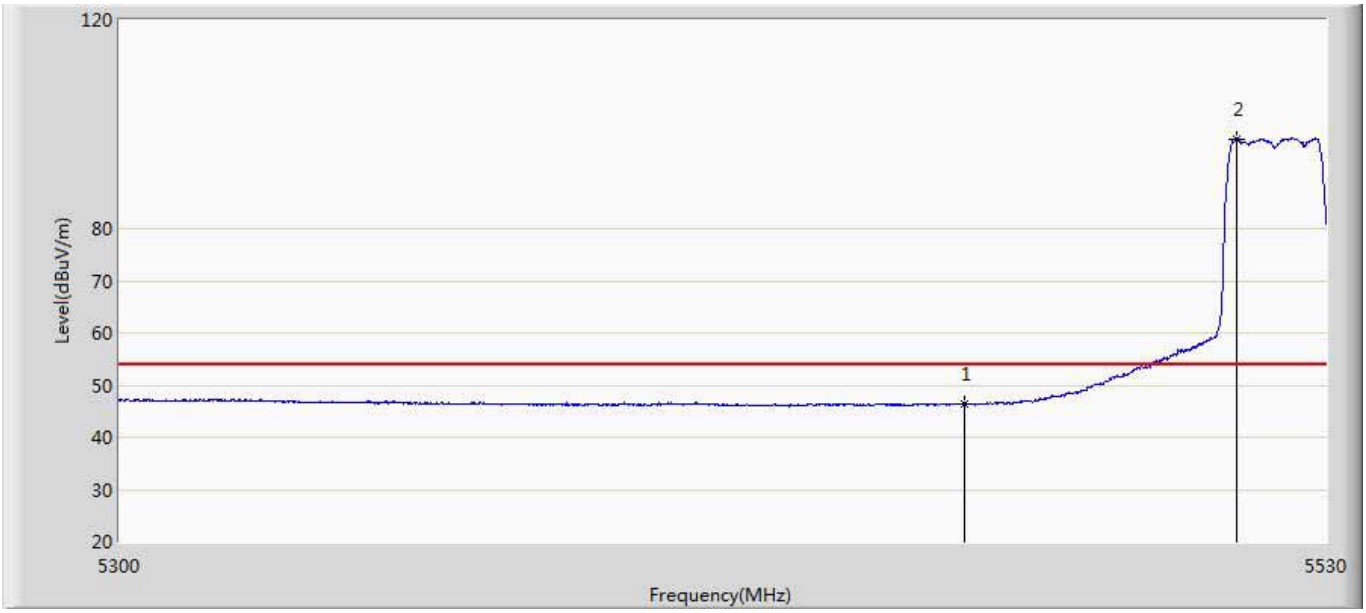
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.746	6.712	-7.254	54.000	40.034	AV
2	*	5492.465	95.370	55.223	41.370	54.000	40.147	AV

Profile: Honeywell	Page No.: 118
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500 by 802.11n20	



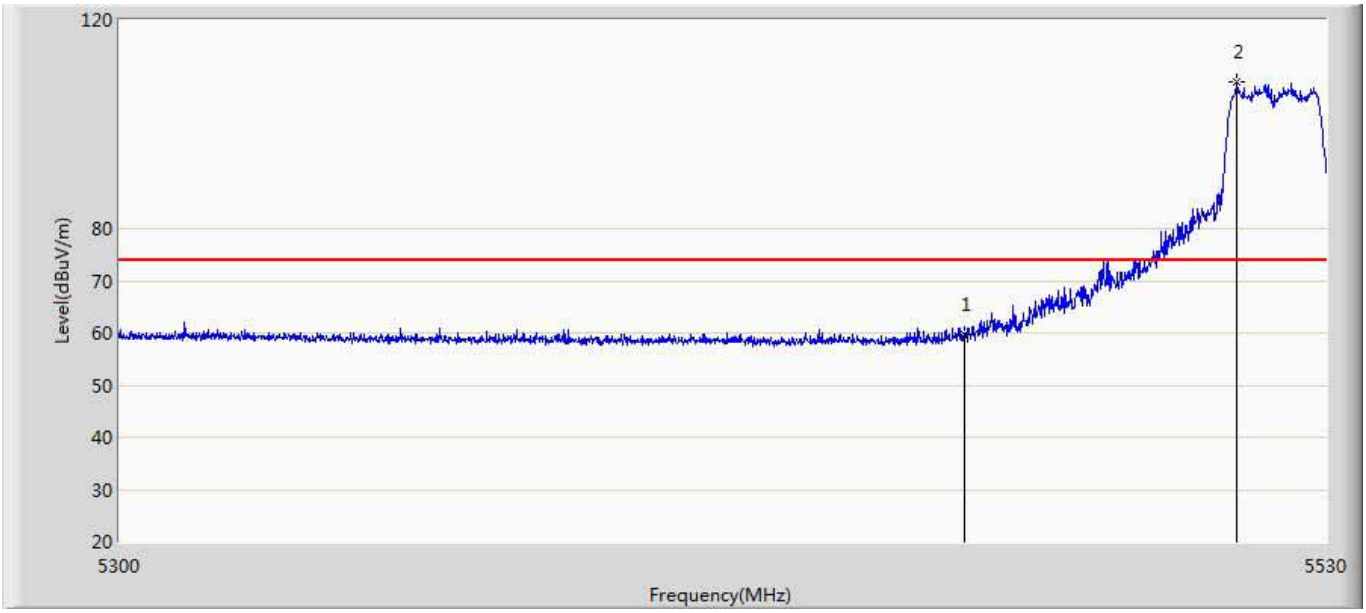
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.629	20.595	-13.371	74.000	40.034	PK
2	*	5493.305	106.638	66.494	32.638	74.000	40.144	PK

Profile: Honeywell	Page No.: 119
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5520 by 802.11n20	



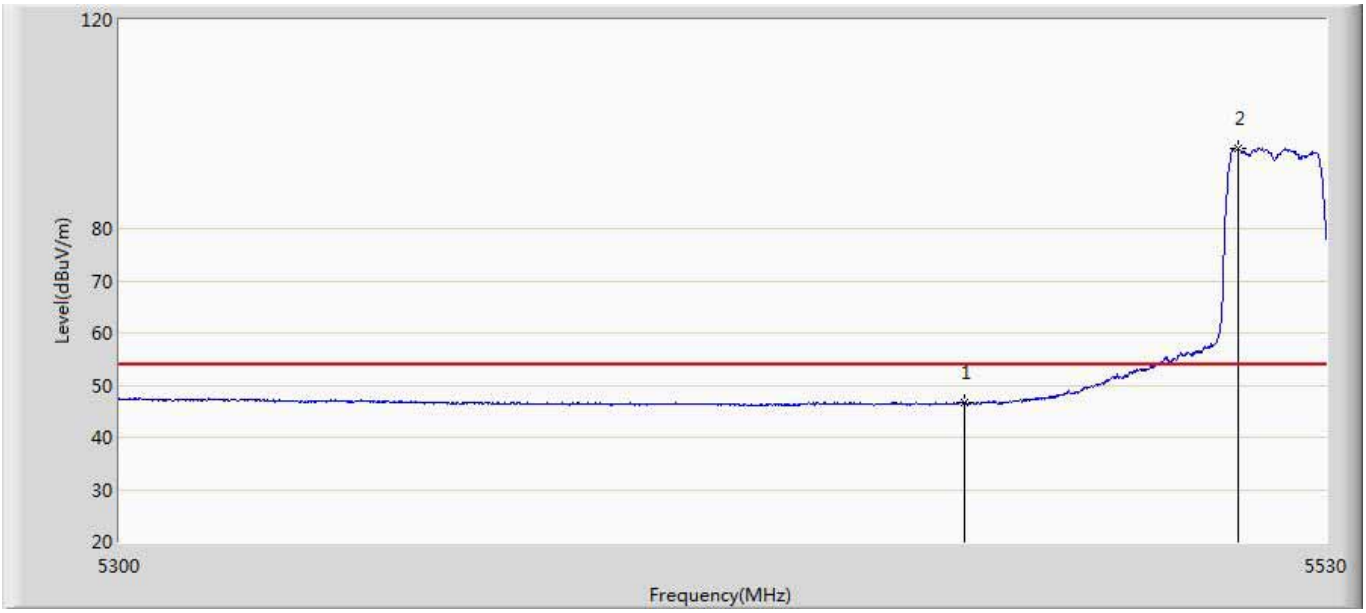
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.414	6.380	-7.586	54.000	40.034	AV
2	*	5512.635	97.239	57.119	43.239	54.000	40.120	AV

Profile: Honeywell	Page No.: 120
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5520 by 802.11n20	



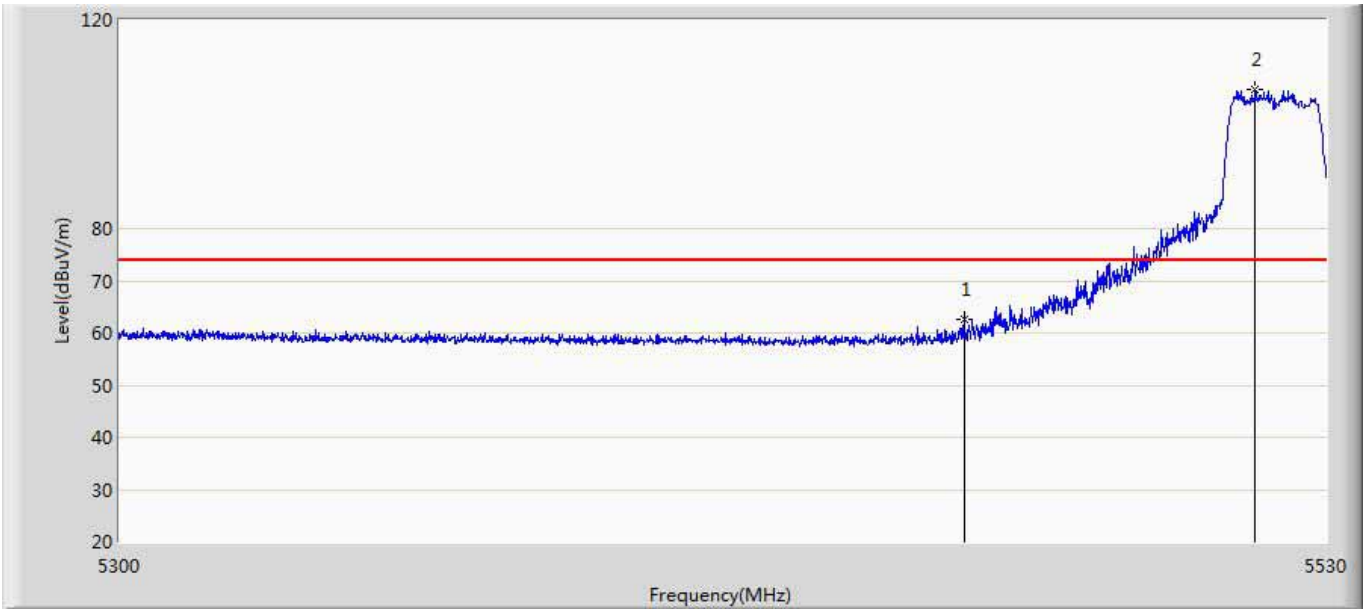
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.634	19.600	-14.366	74.000	40.034	PK
2	*	5512.635	108.125	68.005	34.125	74.000	40.120	PK

Profile: Honeywell	Page No.: 121
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5520 by 802.11n20	



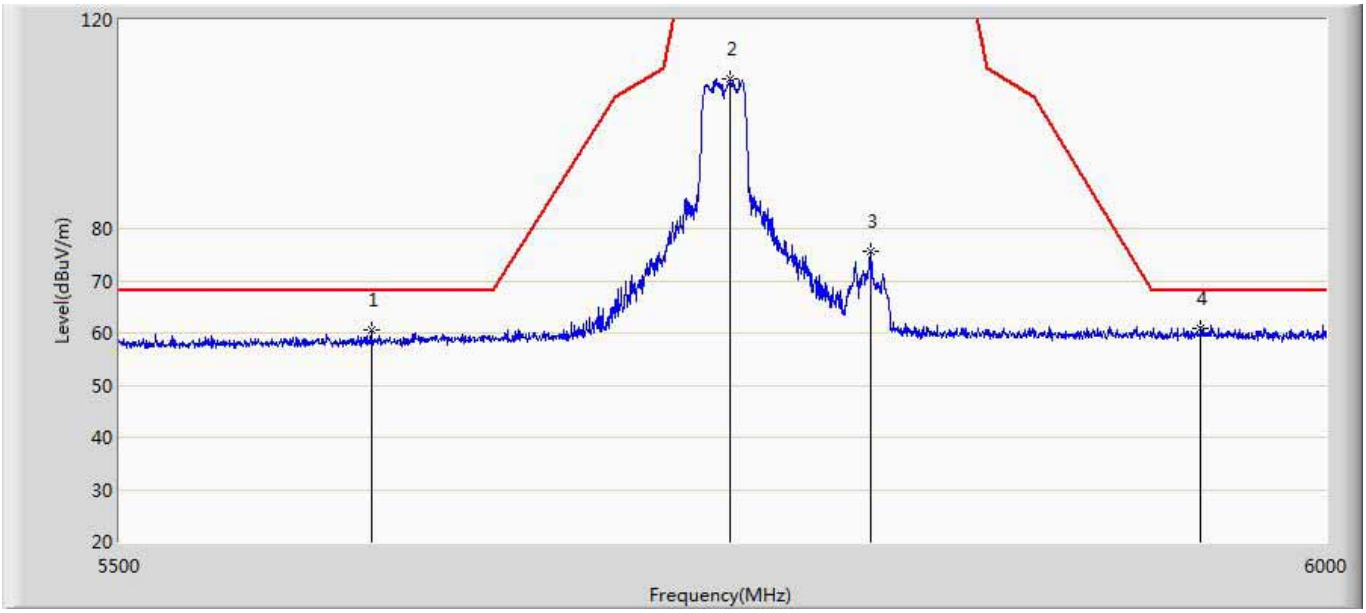
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.536	6.502	-7.464	54.000	40.034	AV
2	*	5512.980	95.463	55.343	41.463	54.000	40.120	AV

Profile: Honeywell	Page No.: 122
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5520 by 802.11n20	



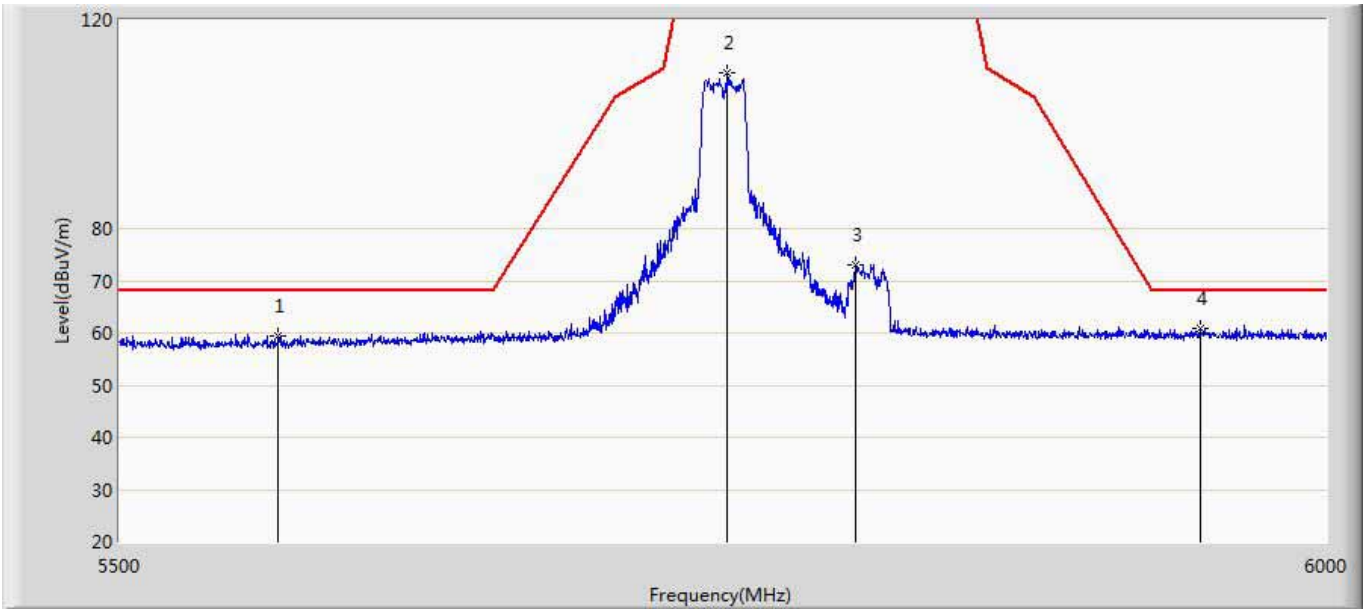
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.682	22.648	-11.318	74.000	40.034	PK
2	*	5516.315	106.569	66.445	32.569	74.000	40.124	PK

Profile: Honeywell	Page No.: 123
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:37
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745by 802.11n20	



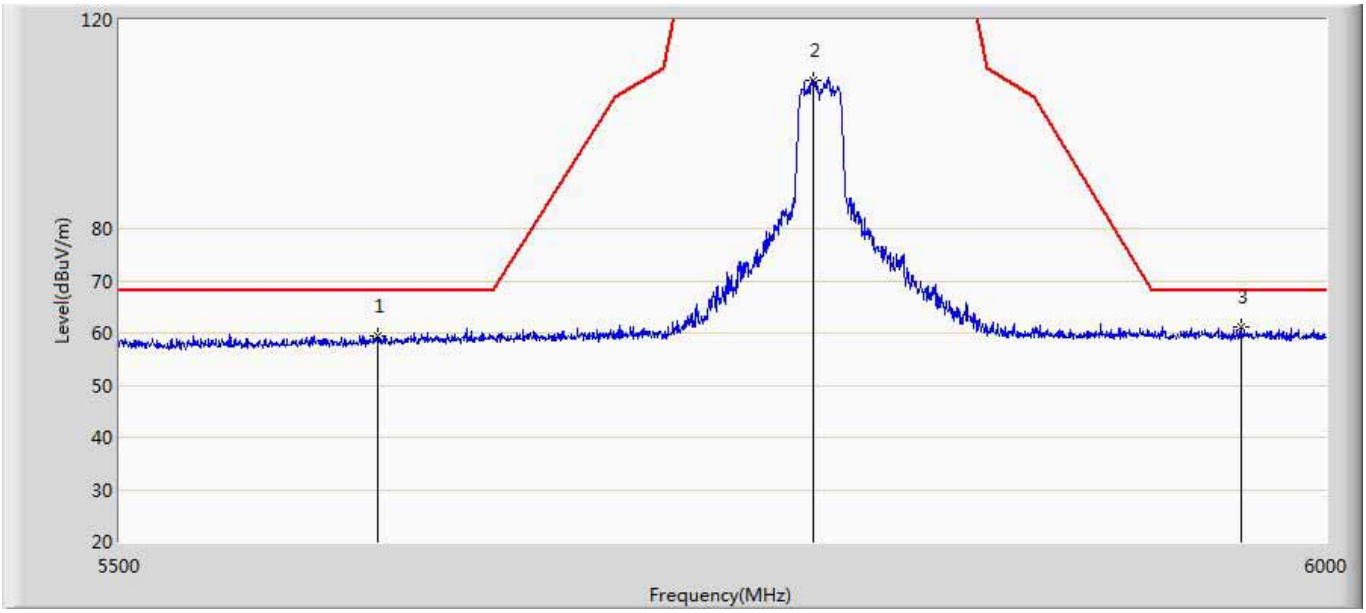
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5601.000	60.698	20.389	-7.502	68.200	40.310	PK
2		5748.000	108.698	68.105	-13.502	122.200	40.593	PK
3		5806.250	75.744	34.972	-46.456	122.200	40.772	PK
4	*	5946.250	60.777	19.738	-7.423	68.200	41.039	PK

Profile: Honeywell	Page No.: 124
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:38
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745by 802.11n20	



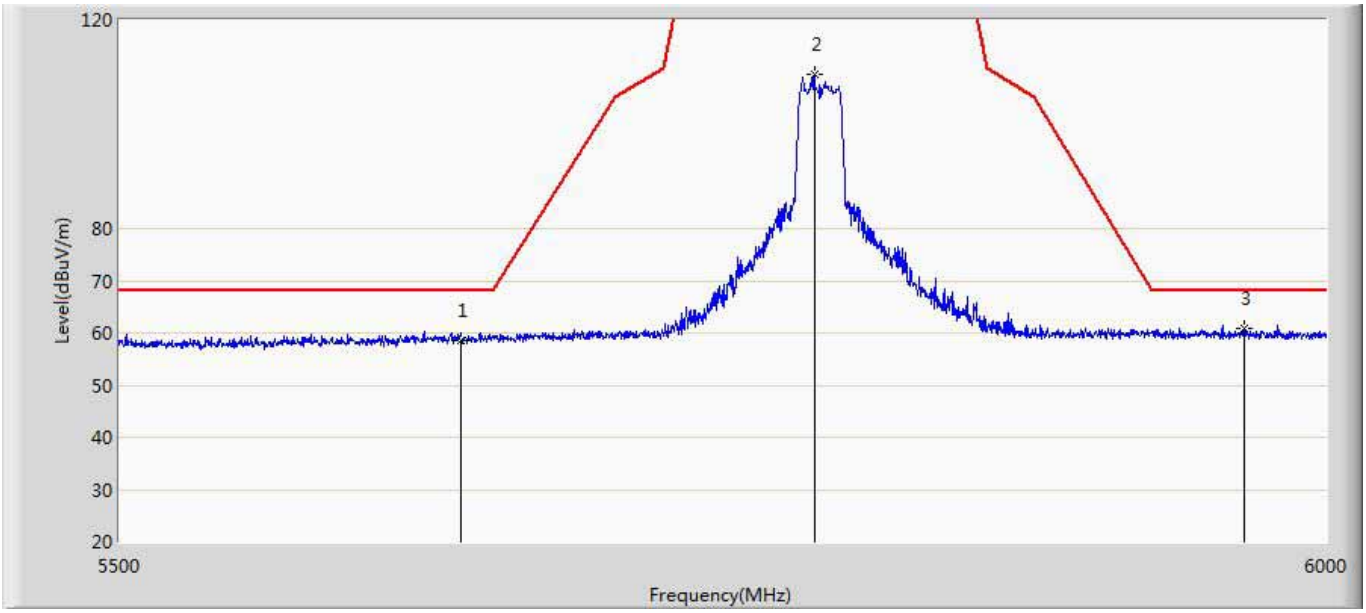
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5563.500	59.306	19.099	-8.894	68.200	40.207	PK
2		5746.750	109.845	69.255	-12.355	122.200	40.590	PK
3		5800.250	73.147	32.378	-49.053	122.200	40.769	PK
4	*	5946.250	60.777	19.738	-7.423	68.200	41.039	PK

Profile: Honeywell	Page No.: 125
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:39
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785by 802.11n20	



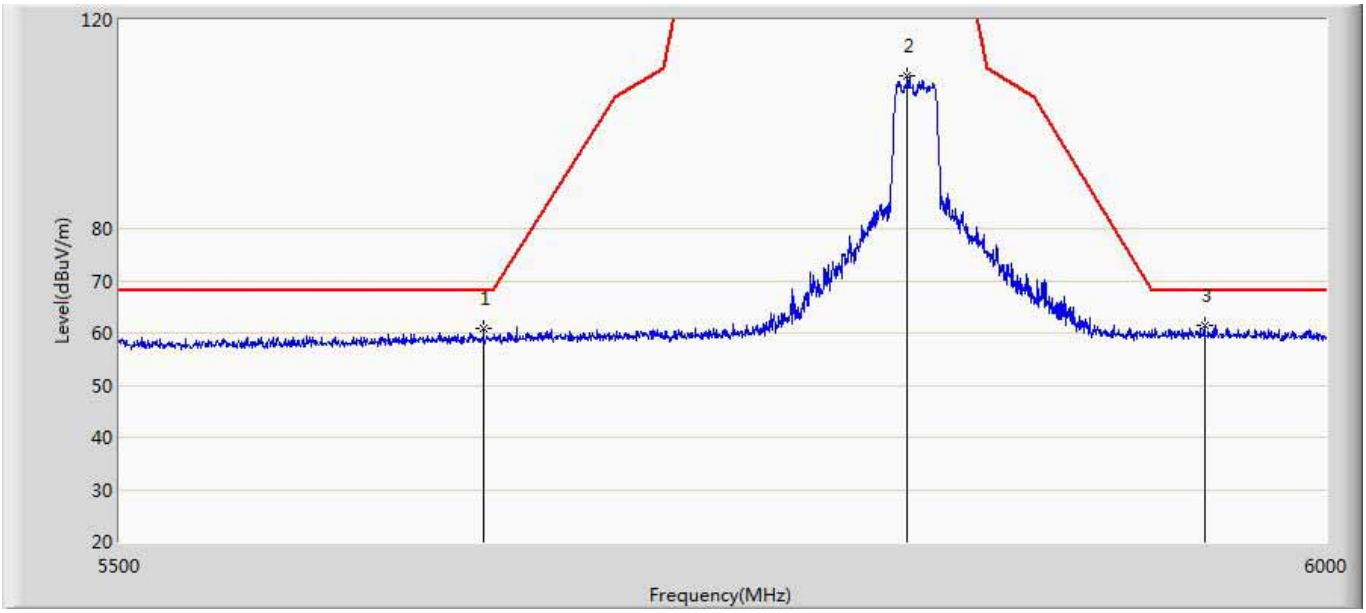
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5603.250	59.381	19.079	-8.819	68.200	40.302	PK
2		5782.500	108.494	67.805	-13.706	122.200	40.690	PK
3	*	5963.250	61.157	20.148	-7.043	68.200	41.009	PK

Profile: Honeywell	Page No.: 126
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:41
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785by 802.11n20	



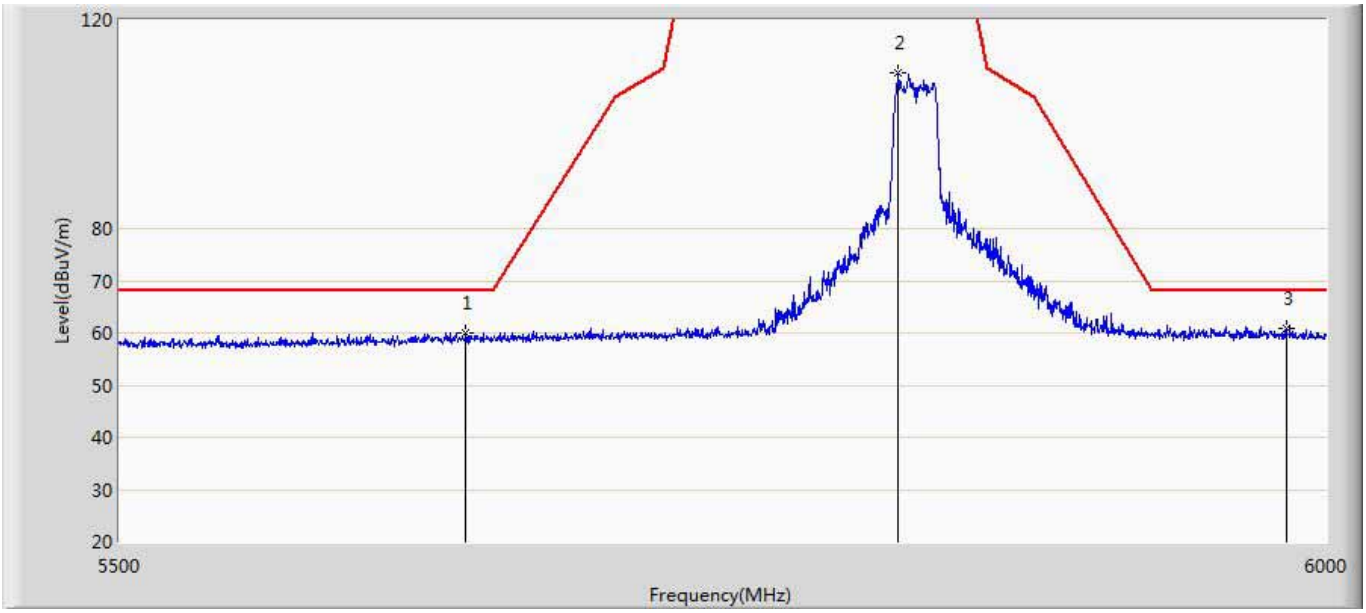
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5637.000	58.478	18.079	-9.722	68.200	40.400	PK
2		5782.750	109.688	68.997	-12.512	122.200	40.691	PK
3	*	5964.750	60.768	19.759	-7.432	68.200	41.009	PK

Profile: Honeywell	Page No.: 127
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:43
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825by 802.11n20	



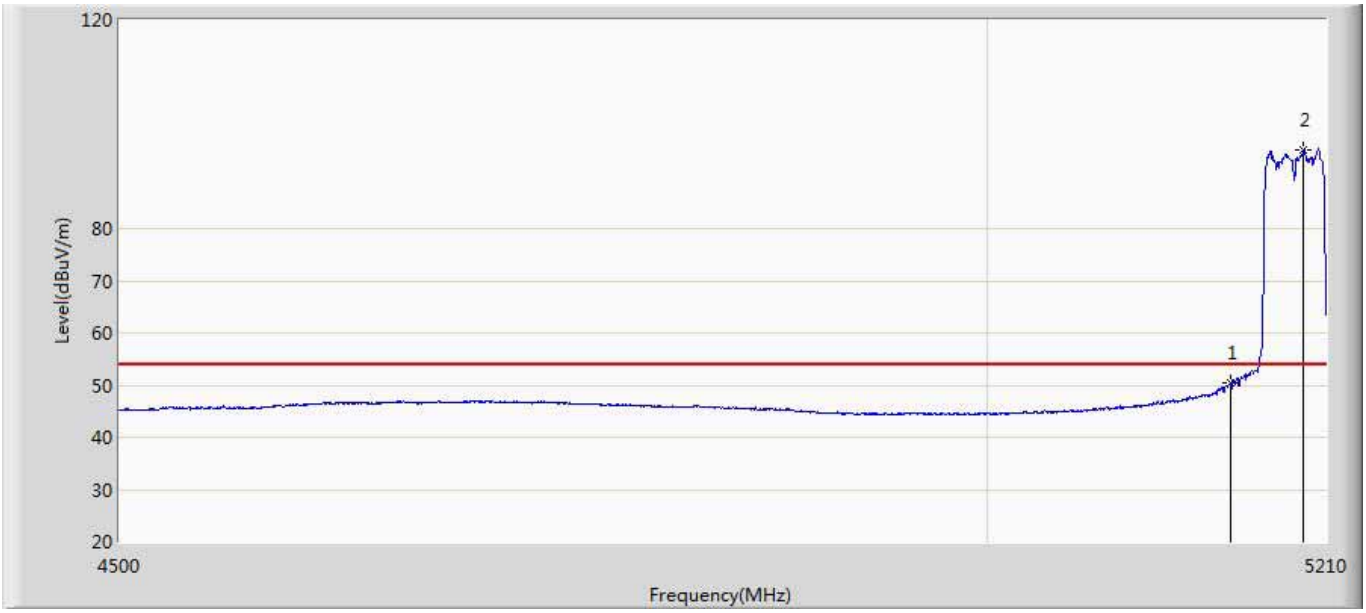
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.500	60.746	20.351	-7.454	68.200	40.395	PK
2		5821.500	109.152	68.415	-13.048	122.200	40.737	PK
3	*	5947.750	61.477	20.432	-6.723	68.200	41.045	PK

Profile: Honeywell	Page No.: 128
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:45
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825by 802.11n20	



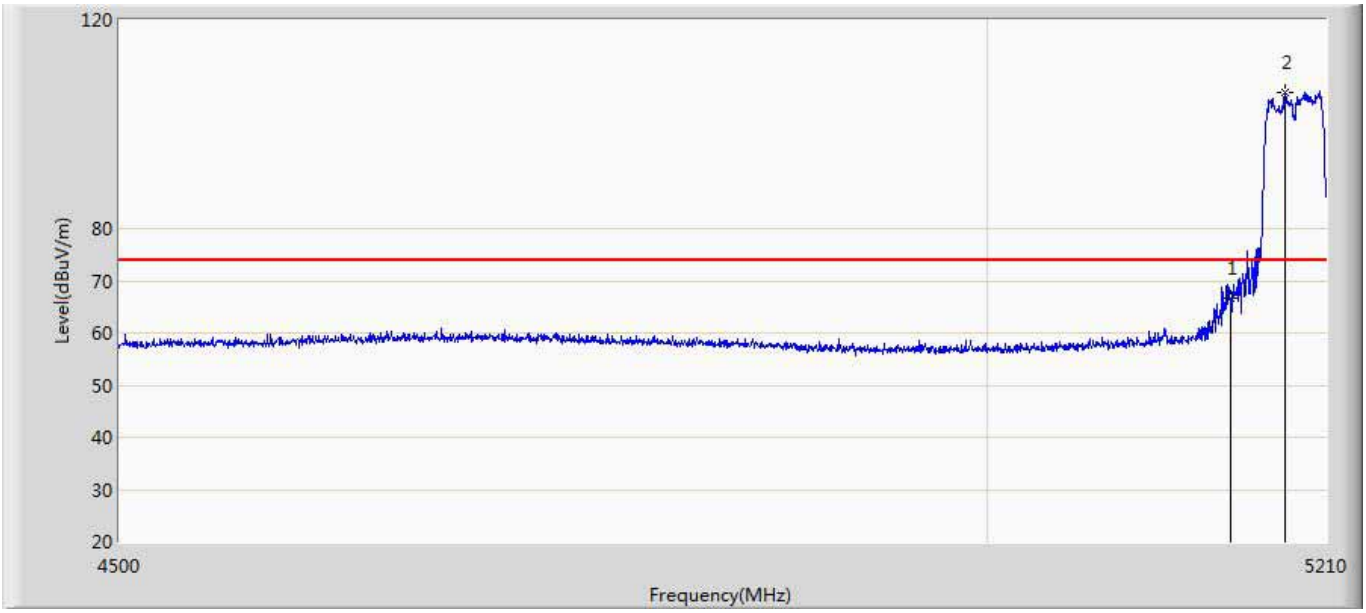
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5639.250	59.930	19.559	-8.270	68.200	40.372	PK
2		5817.750	109.882	69.132	-12.318	122.200	40.750	PK
3	*	5982.750	61.003	19.954	-7.197	68.200	41.048	PK

Profile: Honeywell	Page No.: 129
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190by 802.11n40	



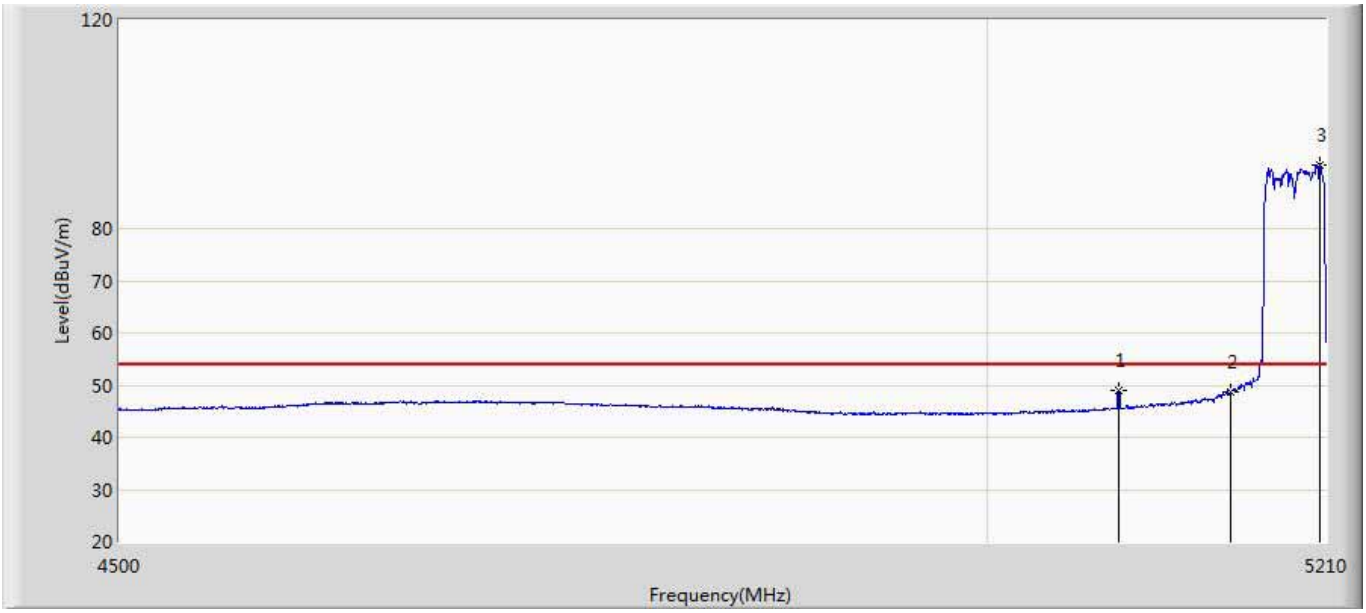
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.306	10.772	-3.694	54.000	39.534	AV
2	*	5195.800	95.087	55.408	41.087	54.000	39.679	AV

Profile: Honeywell	Page No.: 130
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190by 802.11n40	



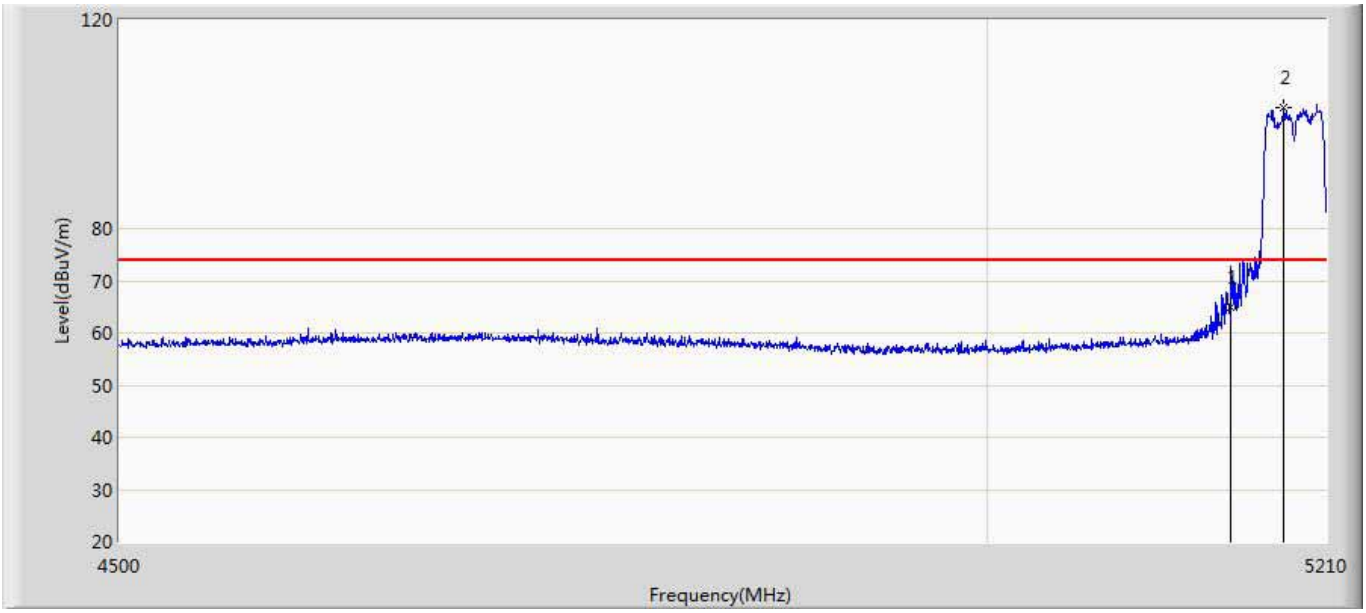
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.584	27.050	-7.416	74.000	39.534	PK
2	*	5184.085	106.017	66.444	32.017	74.000	39.573	PK

Profile: Honeywell	Page No.: 131
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190by 802.11n40	



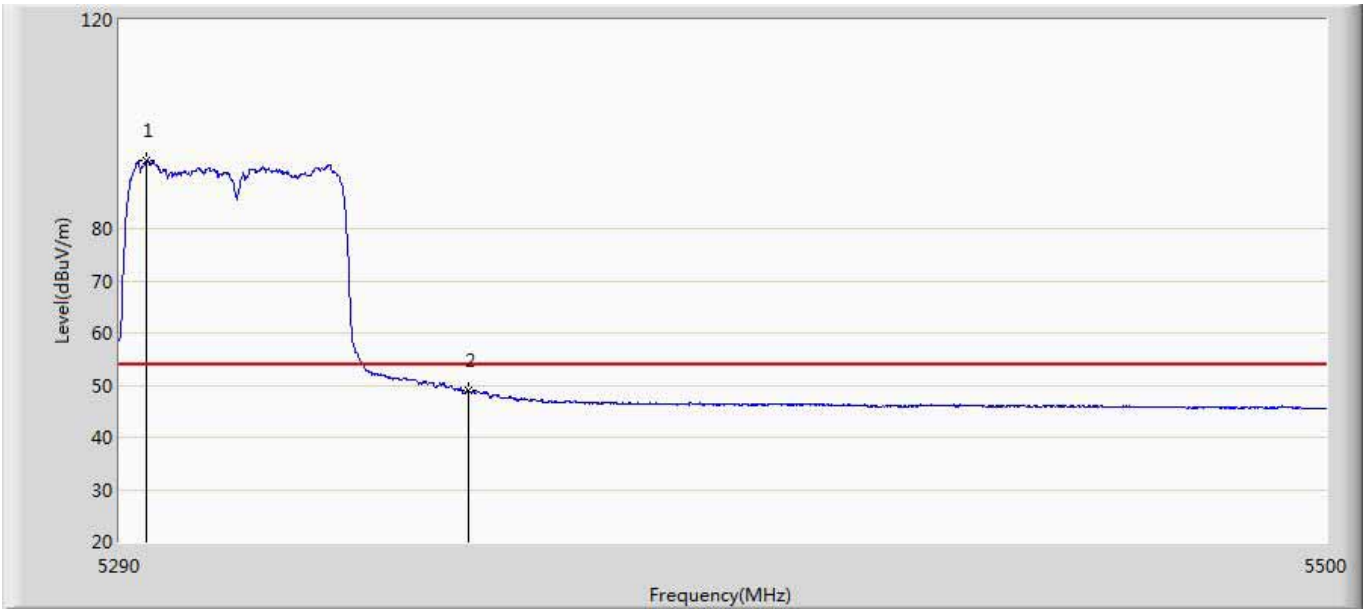
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5080.425	49.038	9.533	-4.962	54.000	39.505	AV
2		5150.000	48.627	9.093	-5.373	54.000	39.534	AV
3	*	5206.095	92.296	52.587	38.296	54.000	39.709	AV

Profile: Honeywell	Page No.: 132
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190by 802.11n40	



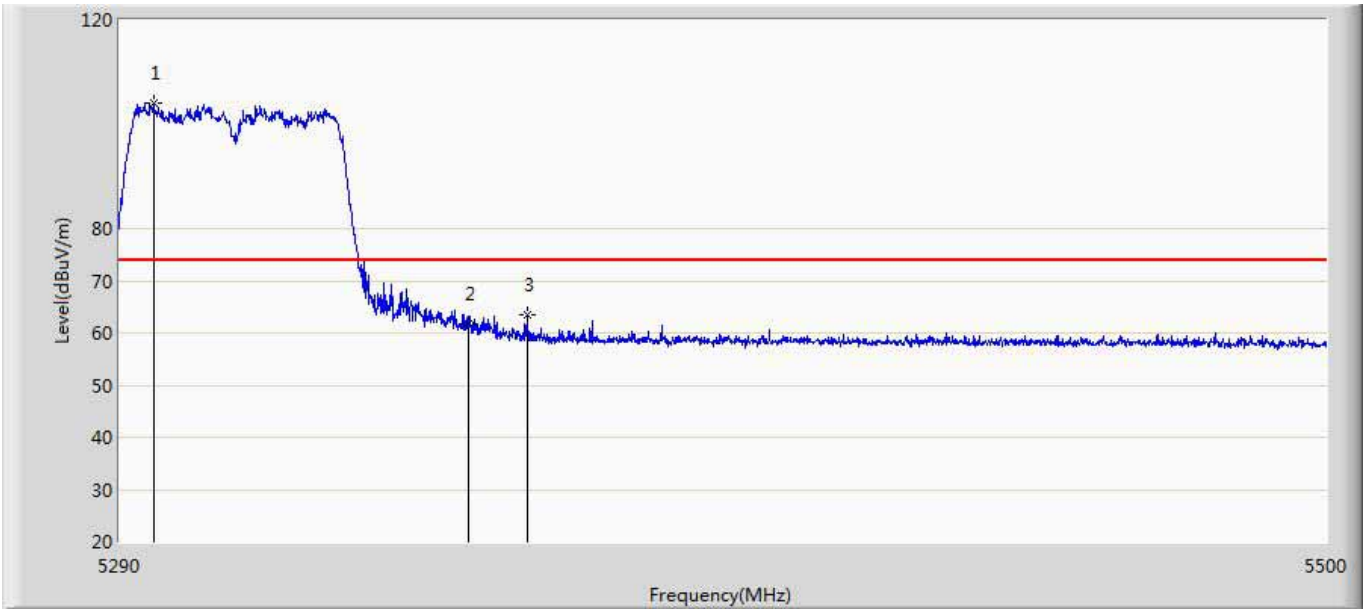
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.941	25.407	-9.059	74.000	39.534	PK
2	*	5183.375	103.107	63.541	29.107	74.000	39.566	PK

Profile: Honeywell	Page No.: 133
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310by 802.11n40	



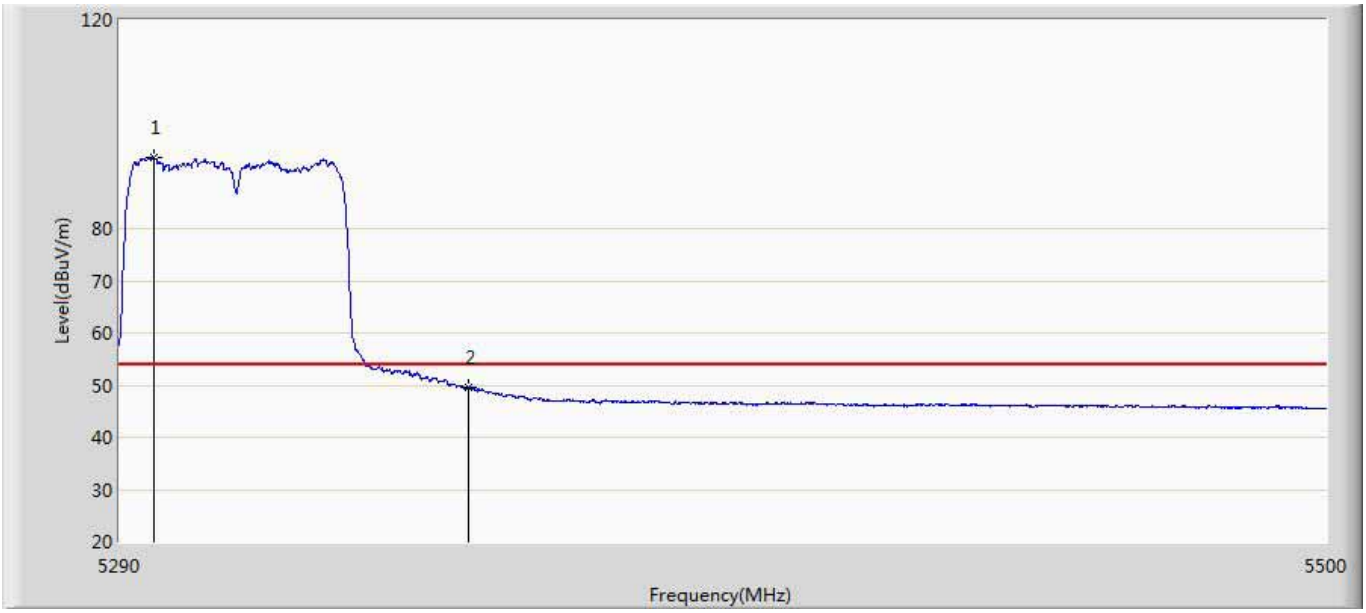
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5294.725	93.123	53.292	39.123	54.000	39.831	AV
2		5350.000	48.983	9.112	-5.017	54.000	39.871	AV

Profile: Honeywell	Page No.: 134
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 19:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310by 802.11n40	



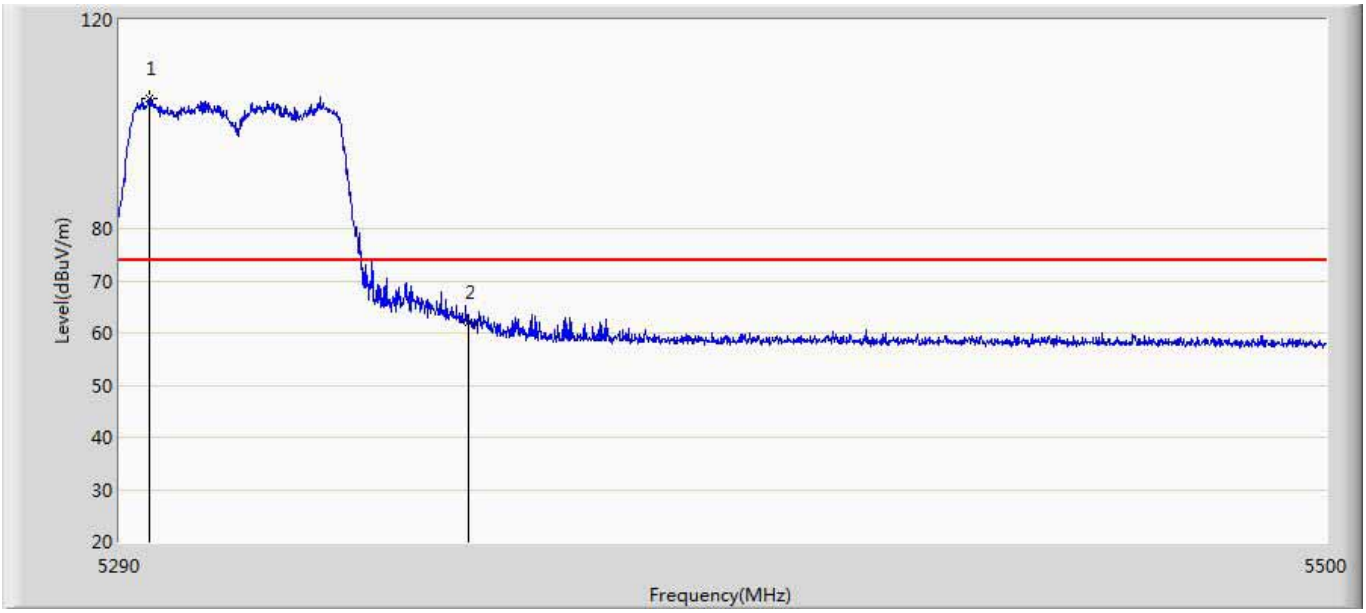
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.880	104.189	64.359	30.189	74.000	39.830	PK
2		5350.000	61.876	22.005	-12.124	74.000	39.871	PK
3		5360.035	63.618	23.734	-10.382	74.000	39.884	PK

Profile: Honeywell	Page No.: 135
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310by 802.11n40	



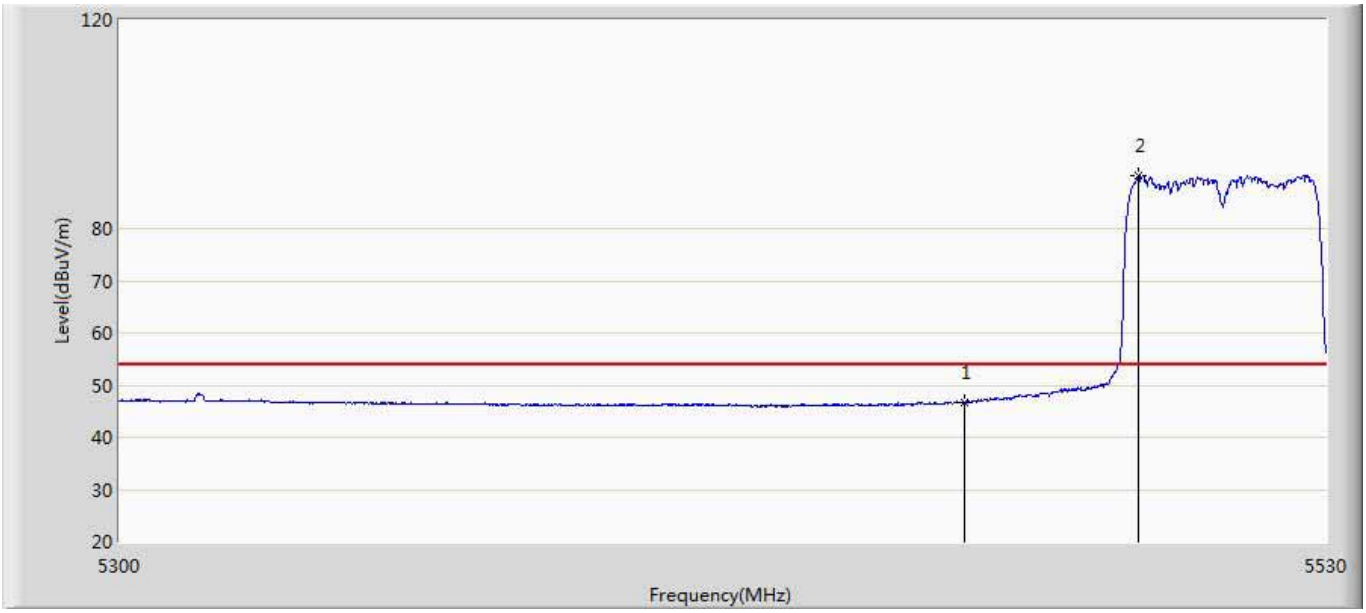
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.985	93.508	53.679	39.508	54.000	39.830	AV
2		5350.000	49.528	9.657	-4.472	54.000	39.871	AV

Profile: Honeywell	Page No.: 136
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310by 802.11n40	



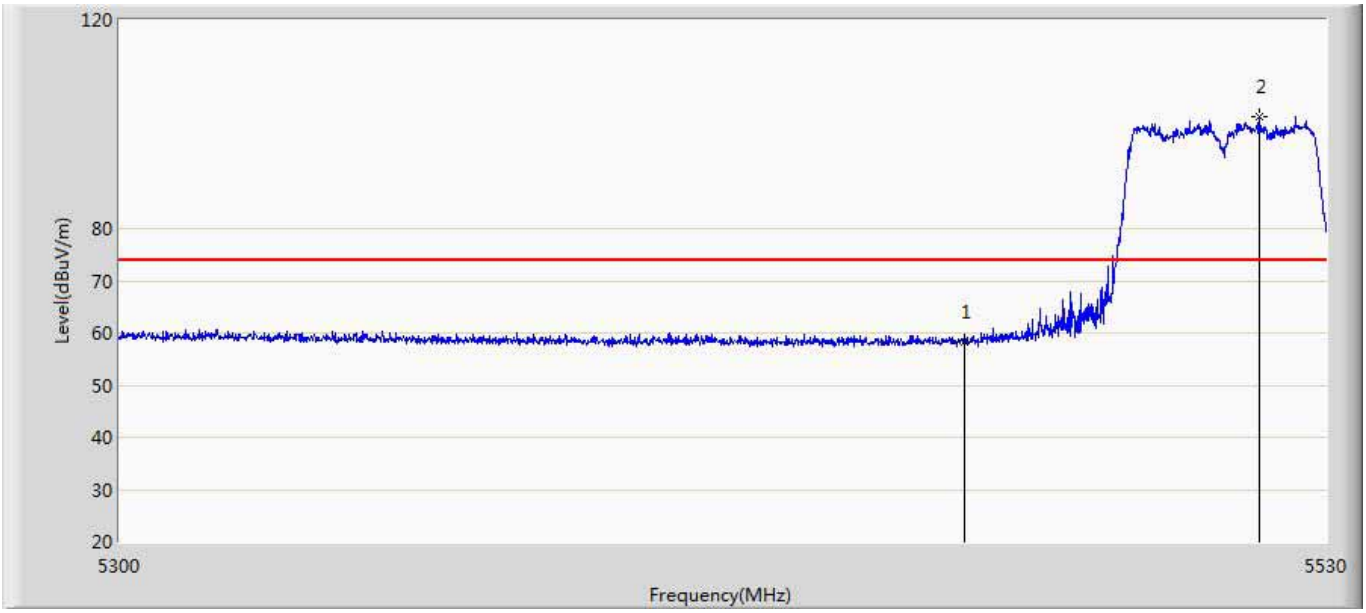
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.145	105.010	65.179	31.010	74.000	39.830	PK
2		5350.000	62.133	22.262	-11.867	74.000	39.871	PK

Profile: Honeywell	Page No.: 137
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510by 802.11n40	



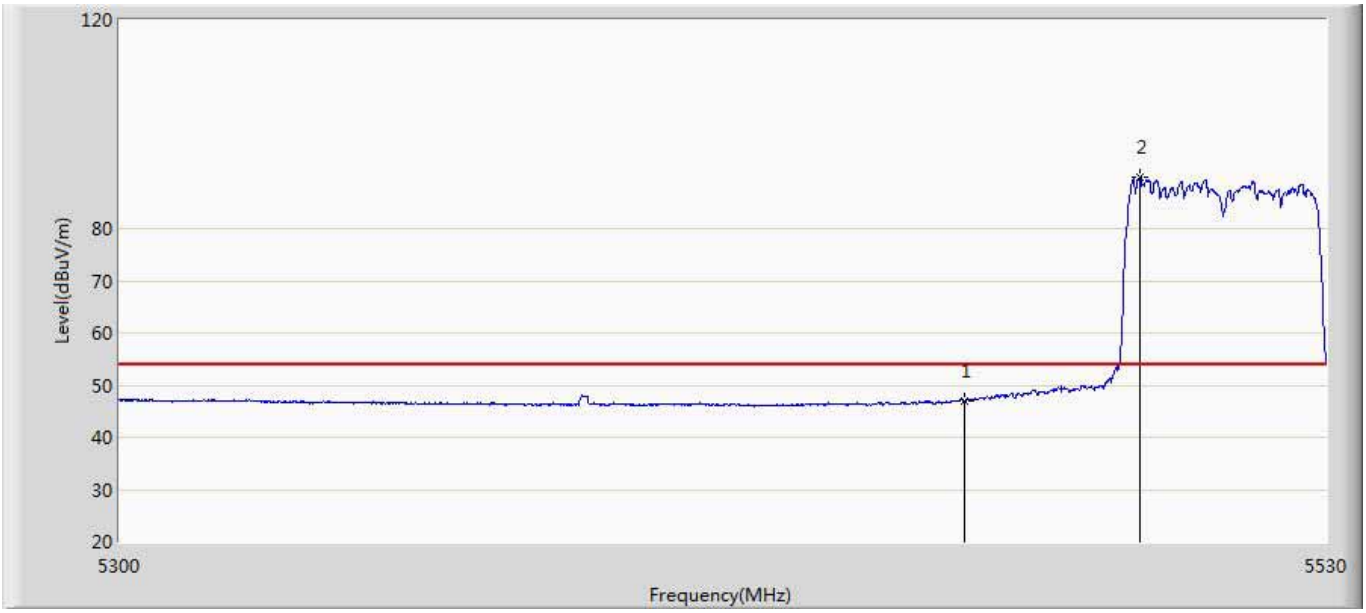
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.529	6.495	-7.471	54.000	40.034	AV
2	*	5493.660	90.117	49.974	36.117	54.000	40.143	AV

Profile: Honeywell	Page No.: 138
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510by 802.11n40	



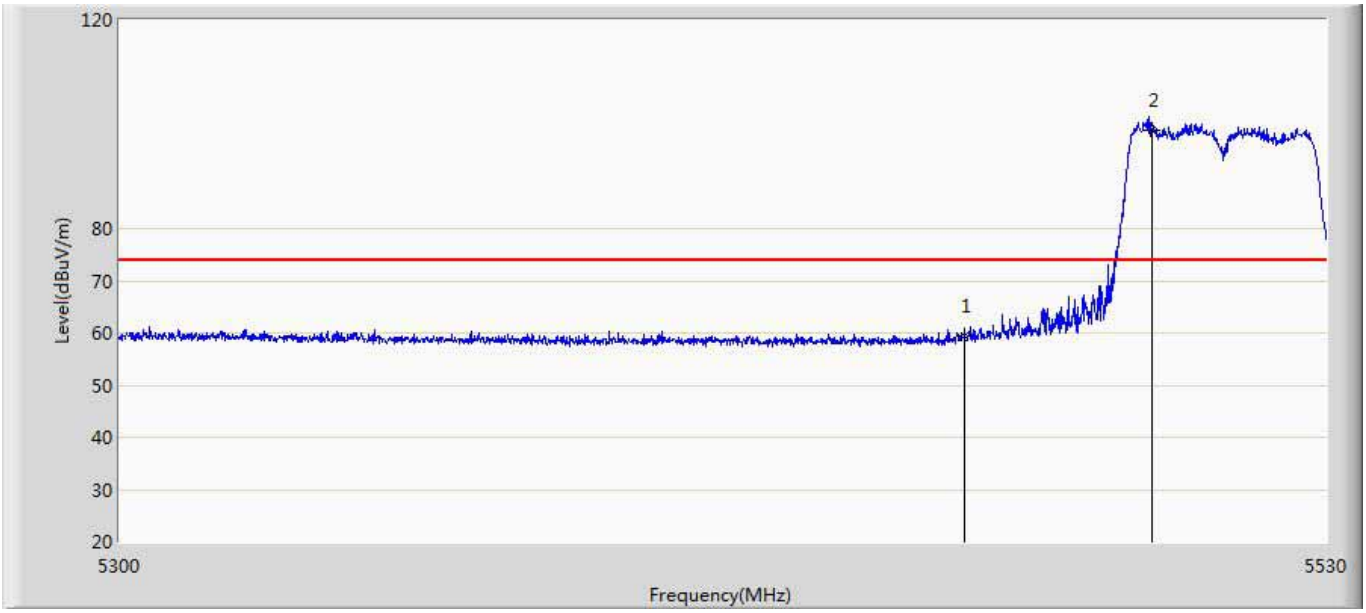
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.332	18.298	-15.668	74.000	40.034	PK
2	*	5517.005	101.414	61.290	27.414	74.000	40.124	PK

Profile: Honeywell	Page No.: 139
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510by 802.11n40	



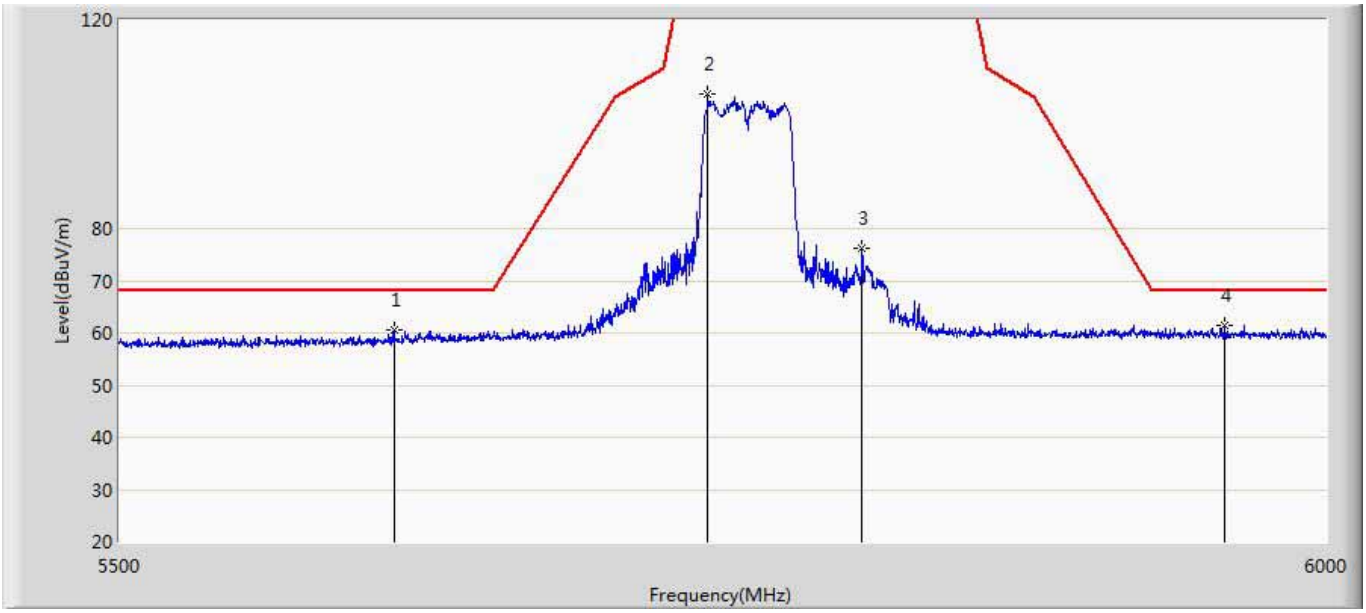
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.917	6.883	-7.083	54.000	40.034	AV
2	*	5494.005	89.888	49.746	35.888	54.000	40.143	AV

Profile: Honeywell	Page No.: 140
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510by 802.11n40	



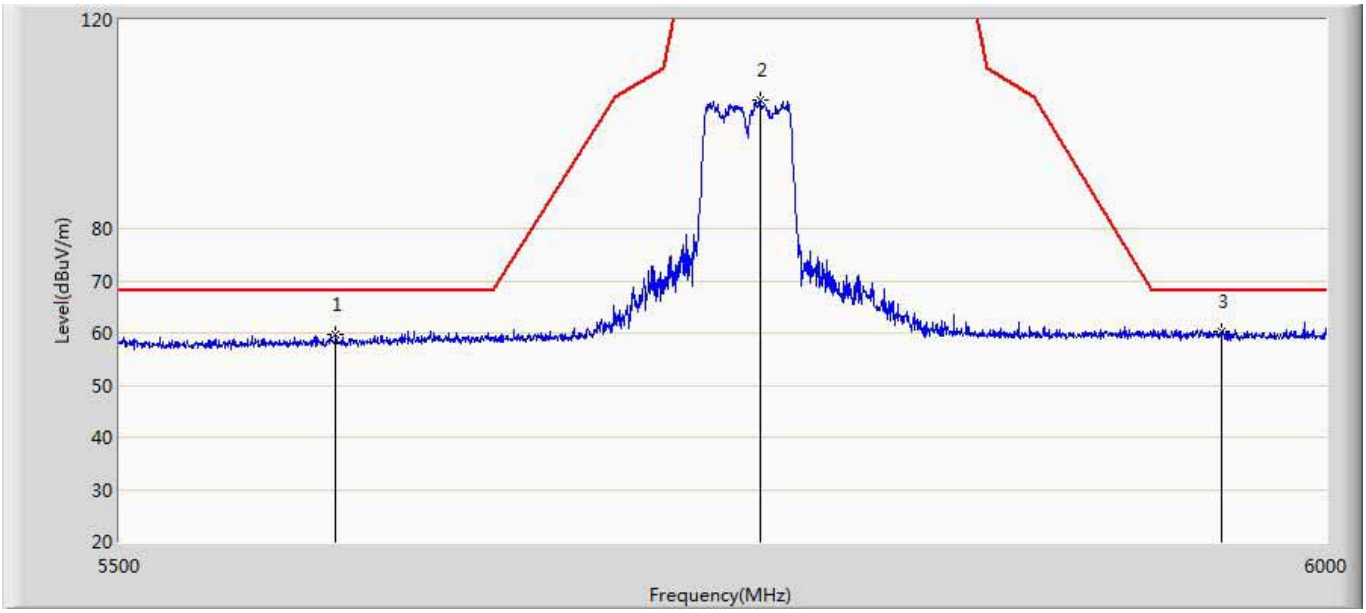
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.426	19.392	-14.574	74.000	40.034	PK
2	*	5496.190	98.956	58.820	24.956	74.000	40.136	PK

Profile: Honeywell	Page No.: 141
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:16
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755by 802.11n40	



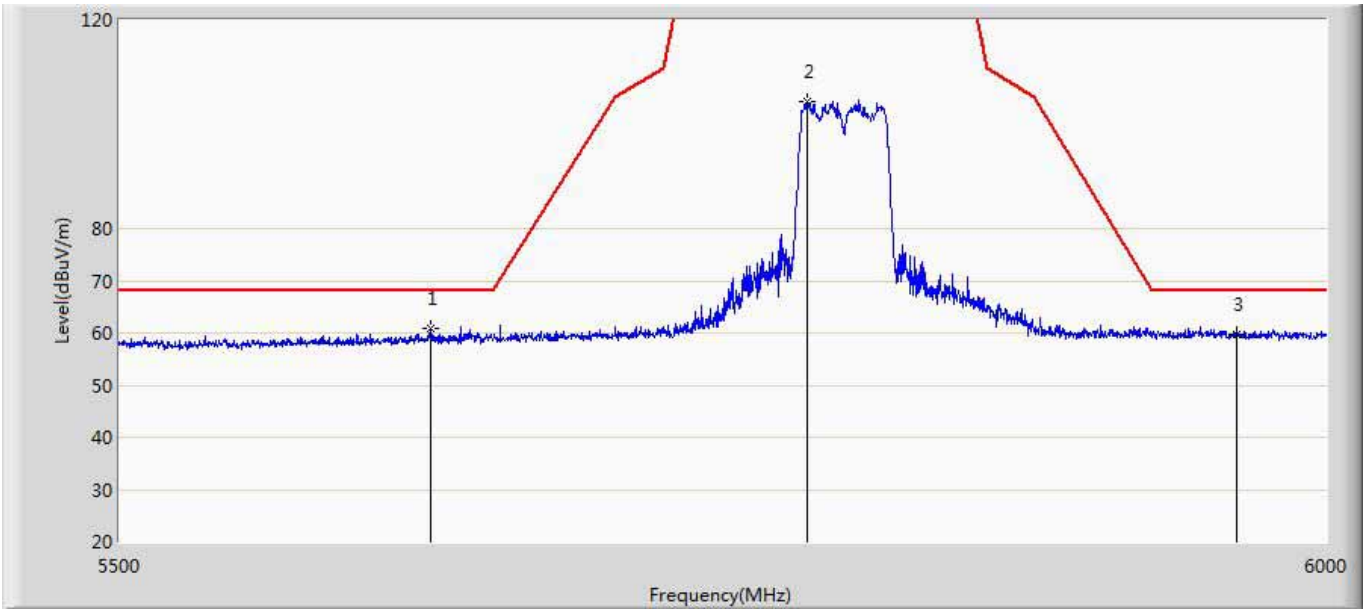
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5610.250	60.531	20.190	-7.669	68.200	40.342	PK
2		5738.500	105.702	65.140	-16.498	122.200	40.562	PK
3		5802.500	76.091	35.321	-46.109	122.200	40.771	PK
4	*	5956.250	61.401	20.376	-6.799	68.200	41.025	PK

Profile: Honeywell	Page No.: 142
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:18
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755by 802.11n40	



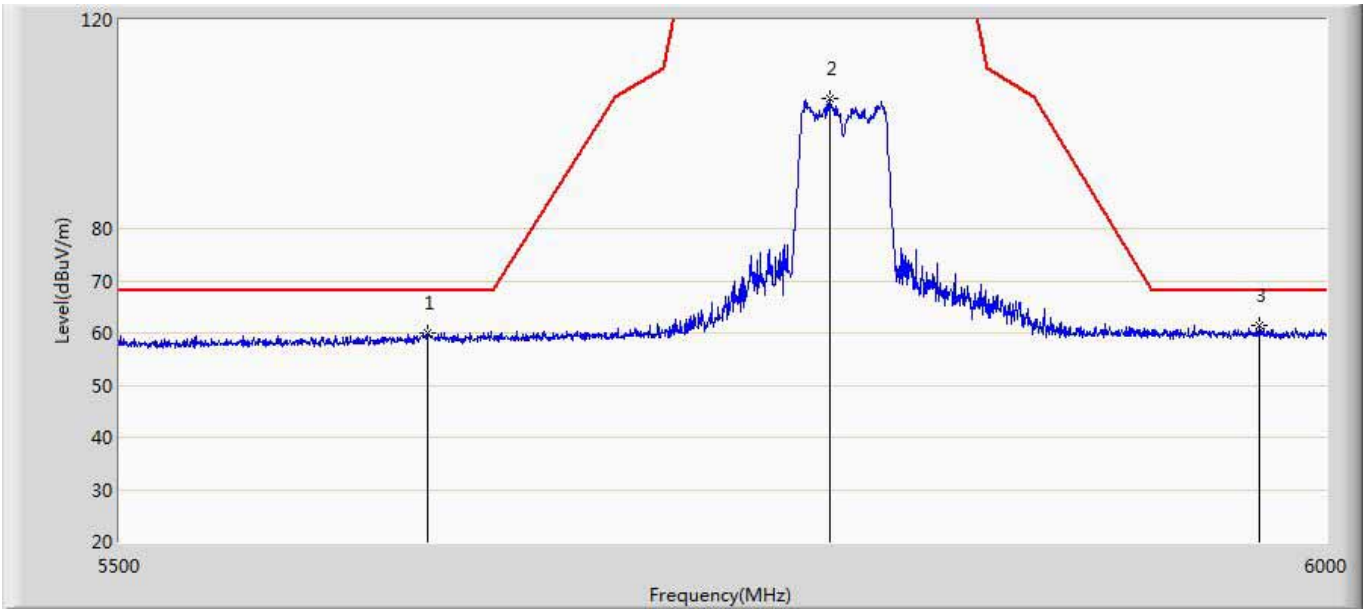
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5586.500	59.741	19.411	-8.459	68.200	40.330	PK
2		5760.000	104.623	64.003	-17.577	122.200	40.620	PK
3	*	5955.000	60.246	19.218	-7.954	68.200	41.028	PK

Profile: Honeywell	Page No.: 143
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:22
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795by 802.11n40	



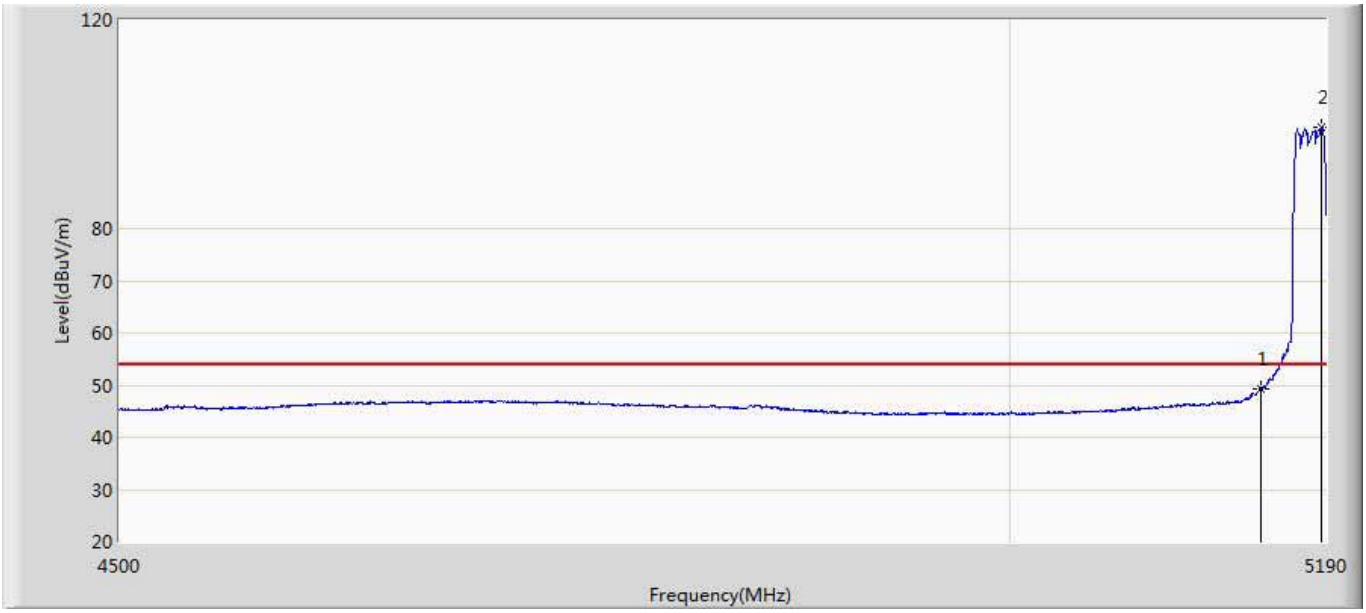
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5624.750	60.886	20.334	-7.314	68.200	40.552	PK
2		5780.000	104.431	63.758	-17.769	122.200	40.672	PK
3		5961.750	59.703	18.690	-8.497	68.200	41.013	PK

Profile: Honeywell	Page No.: 144
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:25
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795by 802.11n40	



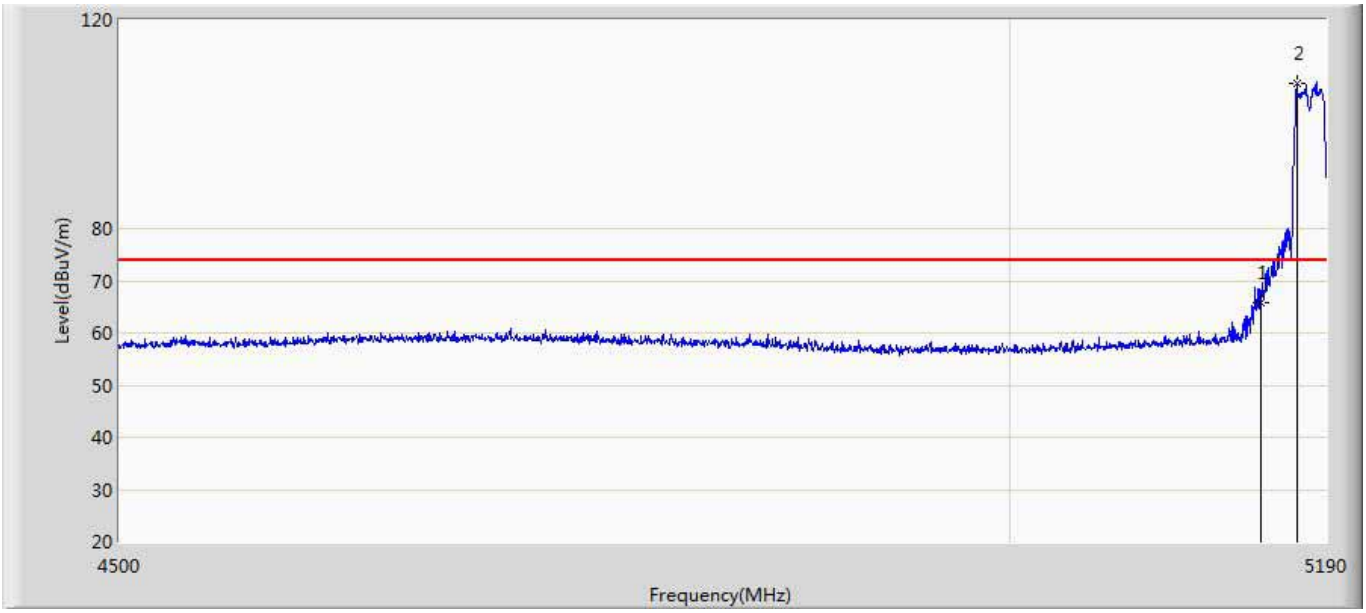
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5624.000	59.966	19.404	-8.234	68.200	40.562	PK
2		5789.000	104.877	64.144	-17.323	122.200	40.733	PK
3	*	5971.500	61.448	20.426	-6.752	68.200	41.022	PK

Profile: Honeywell	Page No.: 145
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180by 802.11ac20	



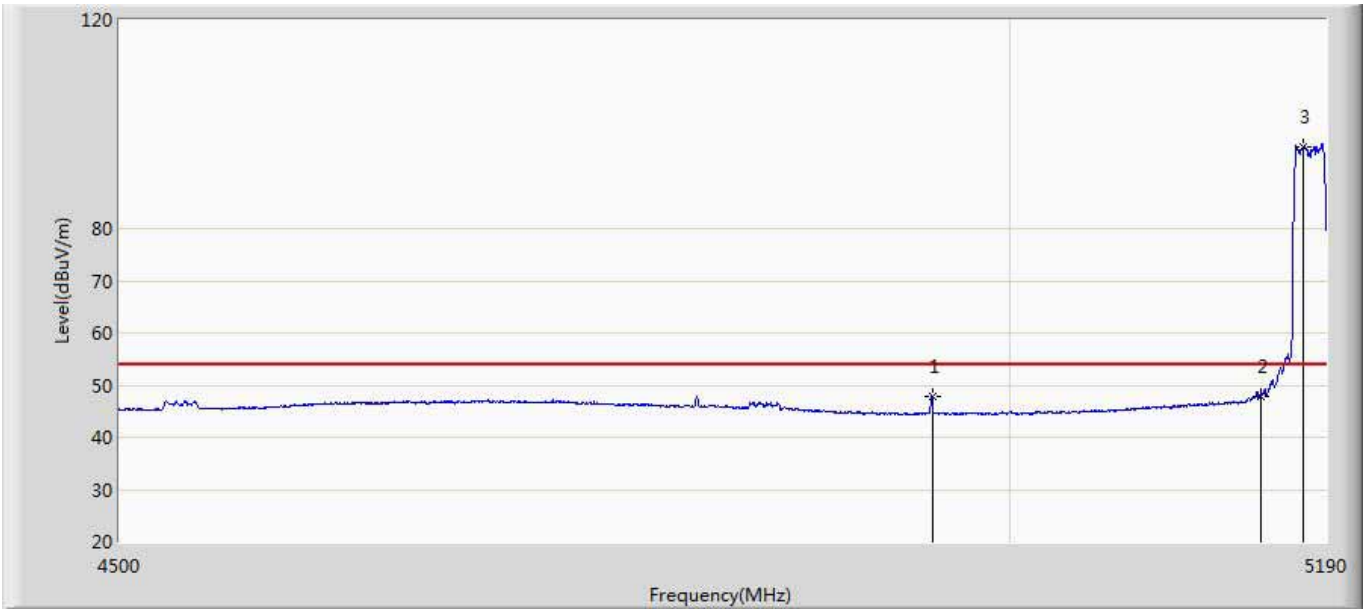
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.368	9.834	-4.632	54.000	39.534	AV
2	*	5187.585	99.404	59.799	45.404	54.000	39.605	AV

Profile: Honeywell	Page No.: 146
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180by 802.11ac20	



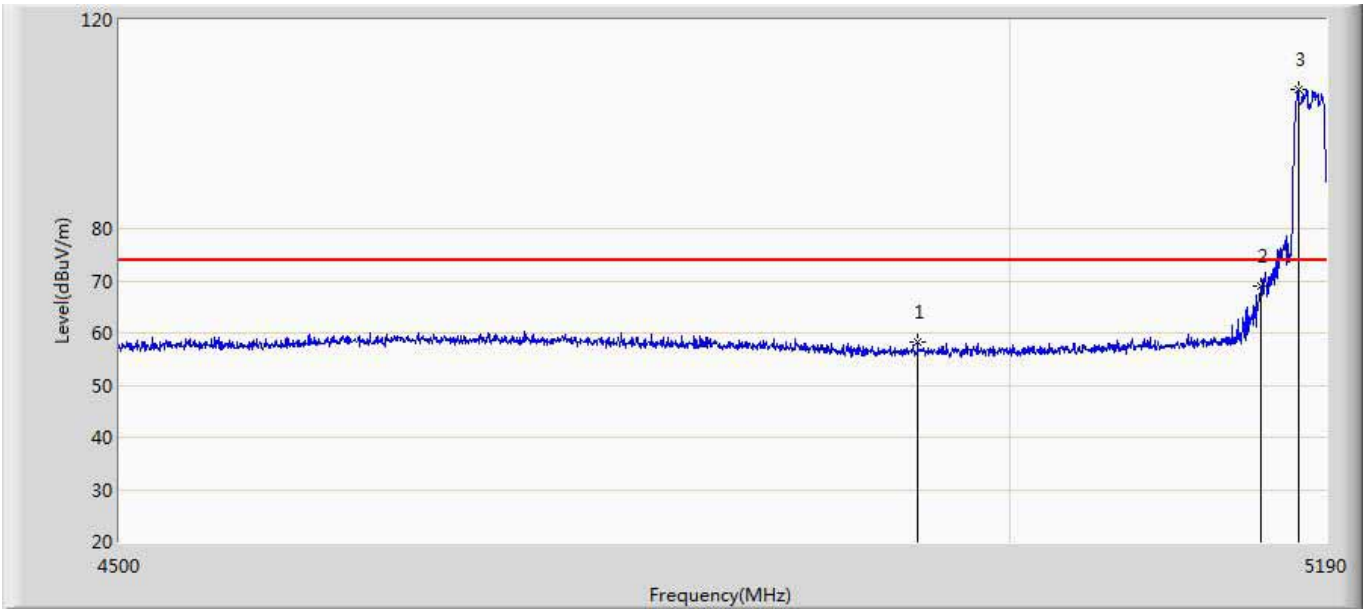
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.678	26.144	-8.322	74.000	39.534	PK
2	*	5172.060	107.810	68.179	33.810	74.000	39.631	PK

Profile: Honeywell	Page No.: 147
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180by 802.11ac20	



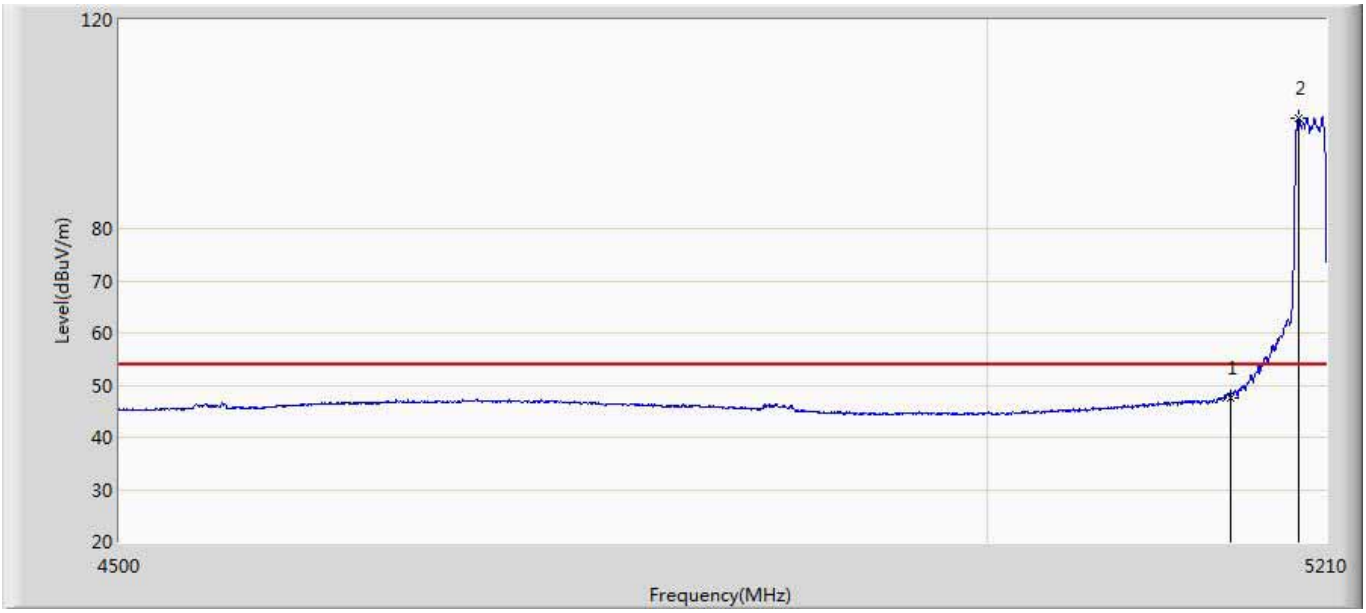
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4954.020	47.883	8.523	-6.117	54.000	39.361	AV
2		5150.000	47.960	8.426	-6.040	54.000	39.534	AV
3	*	5176.200	95.660	56.061	41.660	54.000	39.599	AV

Profile: Honeywell	Page No.: 148
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180by 802.11ac20	



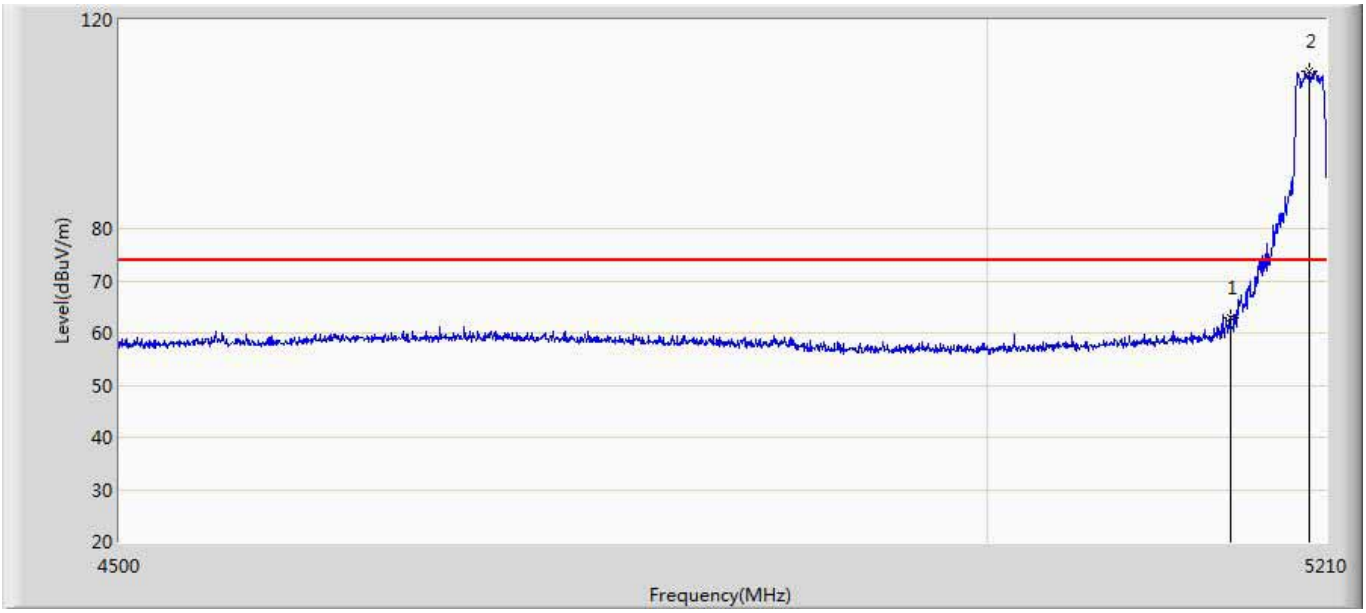
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4945.395	58.238	18.925	-15.762	74.000	39.313	PK
2		5150.000	68.927	29.393	-5.073	74.000	39.534	PK
3	*	5173.095	106.725	67.102	32.725	74.000	39.623	PK

Profile: Honeywell	Page No.: 149
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200by 802.11ac20	



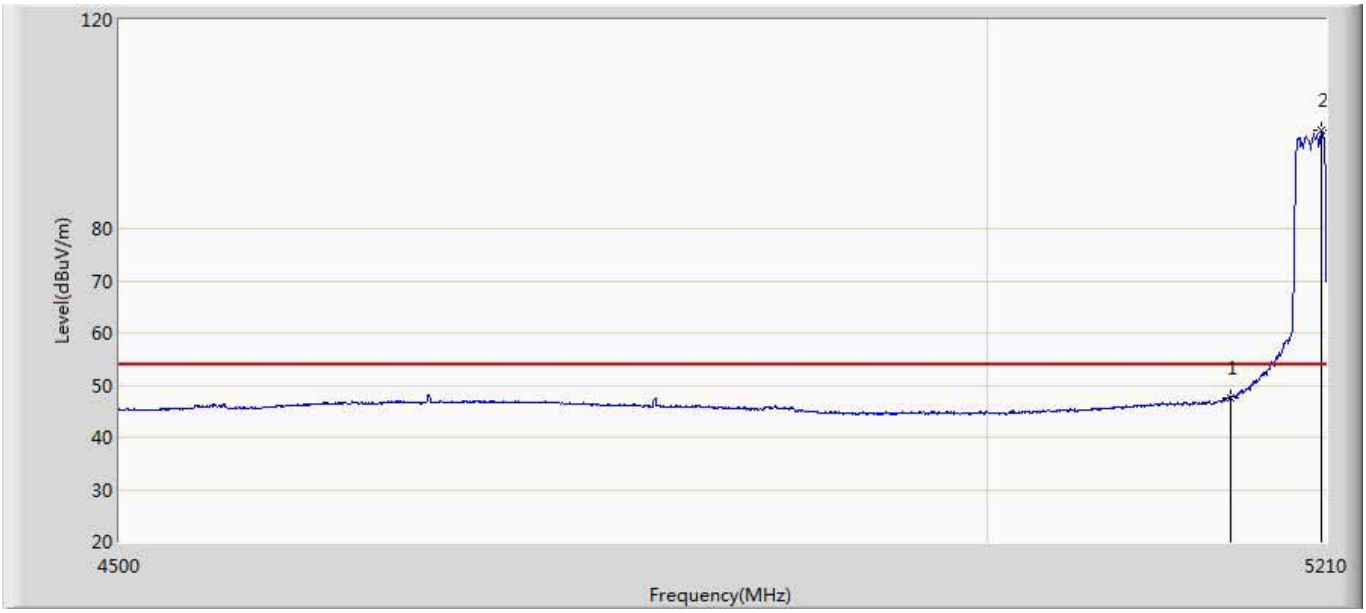
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.513	7.979	-6.487	54.000	39.534	AV
2	*	5193.000	101.047	61.393	47.047	54.000	39.654	AV

Profile: Honeywell	Page No.: 150
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200by 802.11ac20	



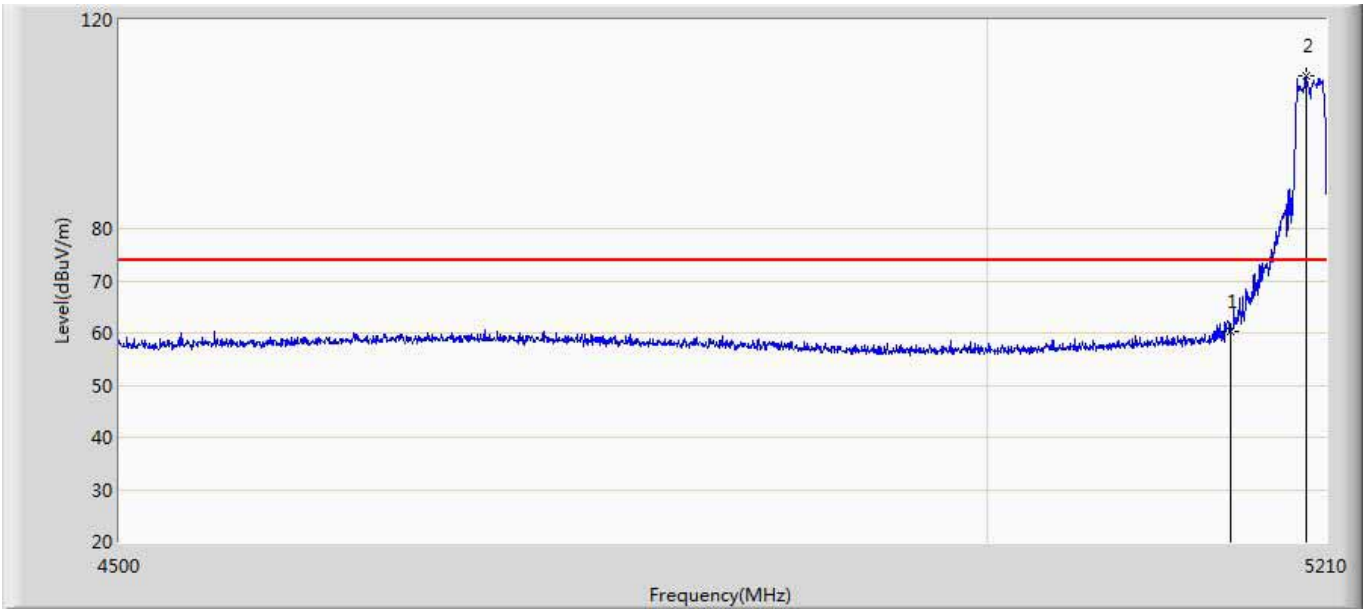
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.952	23.418	-11.048	74.000	39.534	PK
2	*	5199.120	110.267	70.559	36.267	74.000	39.708	PK

Profile: Honeywell	Page No.: 151
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200by 802.11ac20	



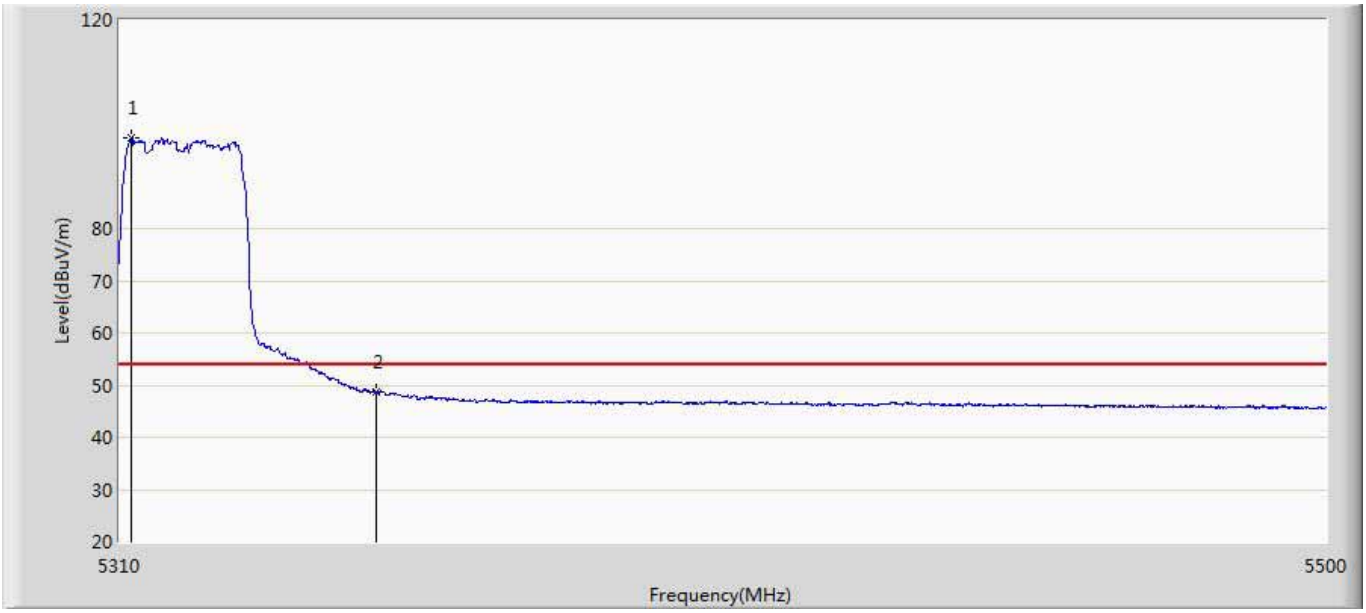
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.674	8.140	-6.326	54.000	39.534	AV
2	*	5207.400	98.746	59.037	44.746	54.000	39.709	AV

Profile: Honeywell	Page No.: 152
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 20:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5200by 802.11ac20	



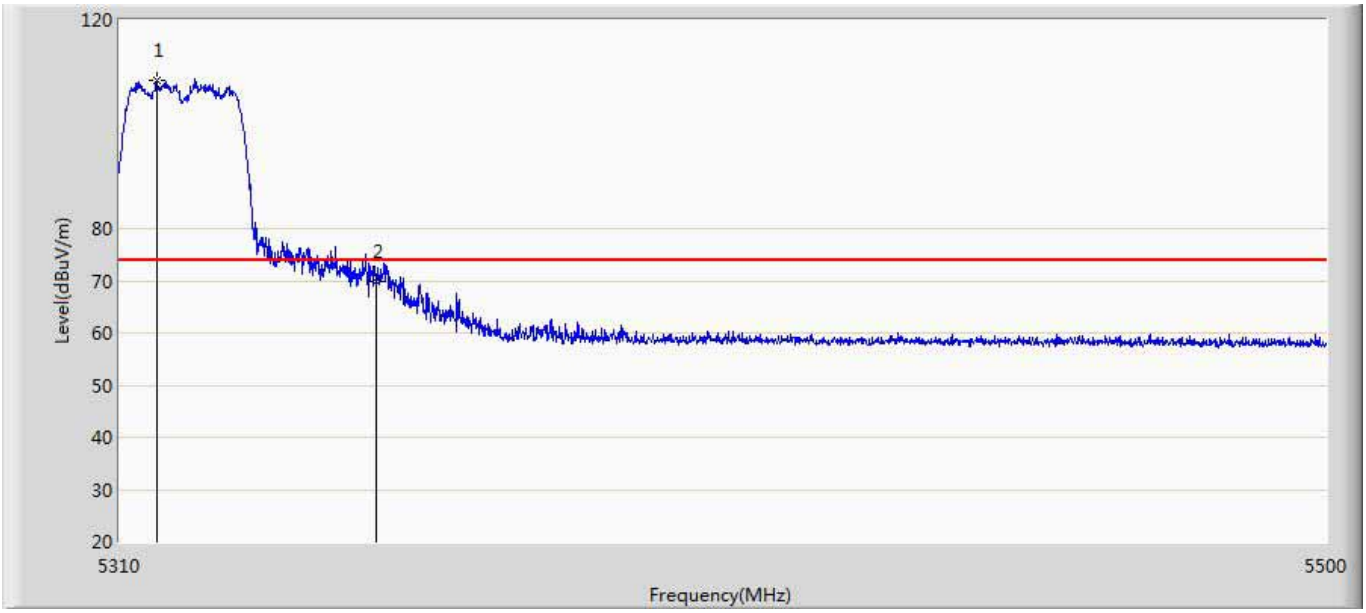
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.299	20.765	-13.701	74.000	39.534	PK
2	*	5197.680	109.271	69.575	35.271	74.000	39.697	PK

Profile: Honeywell	Page No.: 153
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320by 802.11ac20	



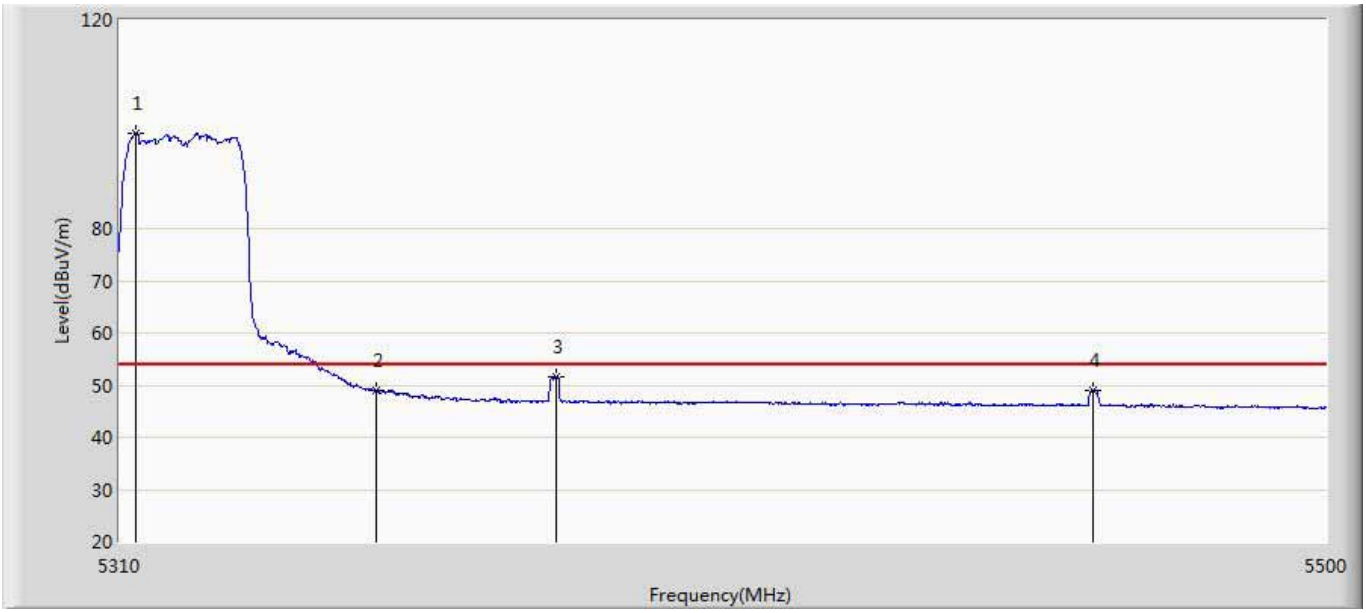
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5311.900	97.277	57.382	43.277	54.000	39.895	AV
2		5350.000	48.603	8.732	-5.397	54.000	39.871	AV

Profile: Honeywell	Page No.: 154
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320by 802.11ac20	



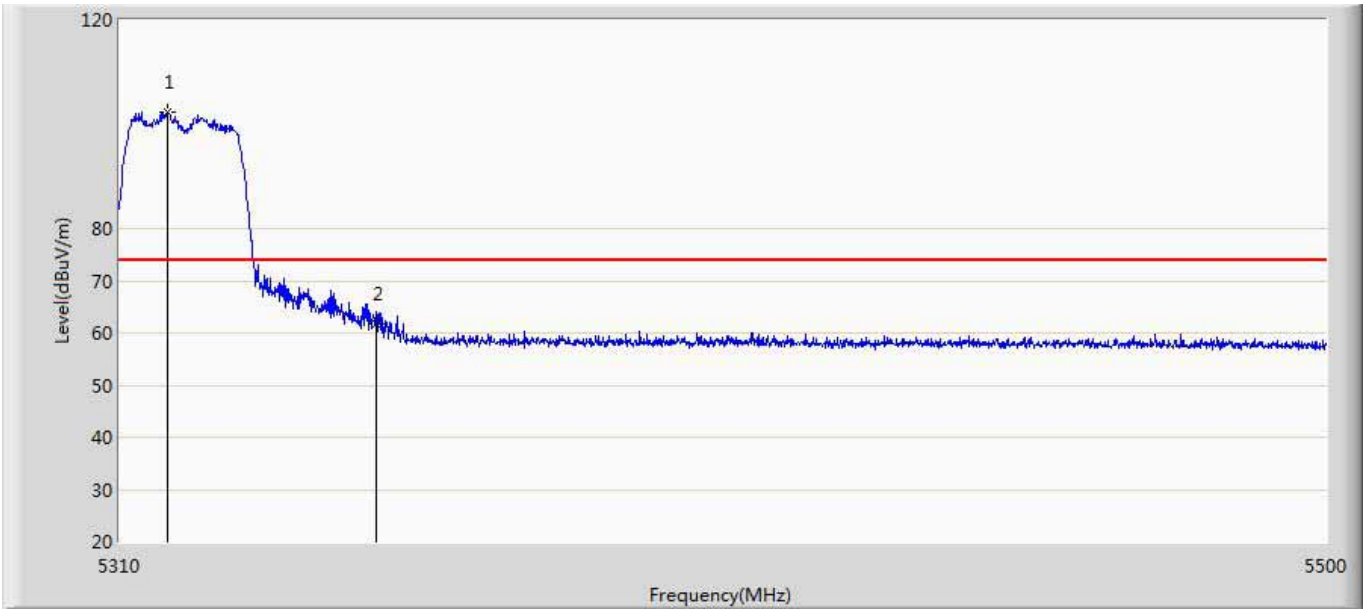
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.795	108.384	68.464	34.384	74.000	39.921	PK
2		5350.000	69.907	30.036	-4.093	74.000	39.871	PK

Profile: Honeywell	Page No.: 155
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320by 802.11ac20	



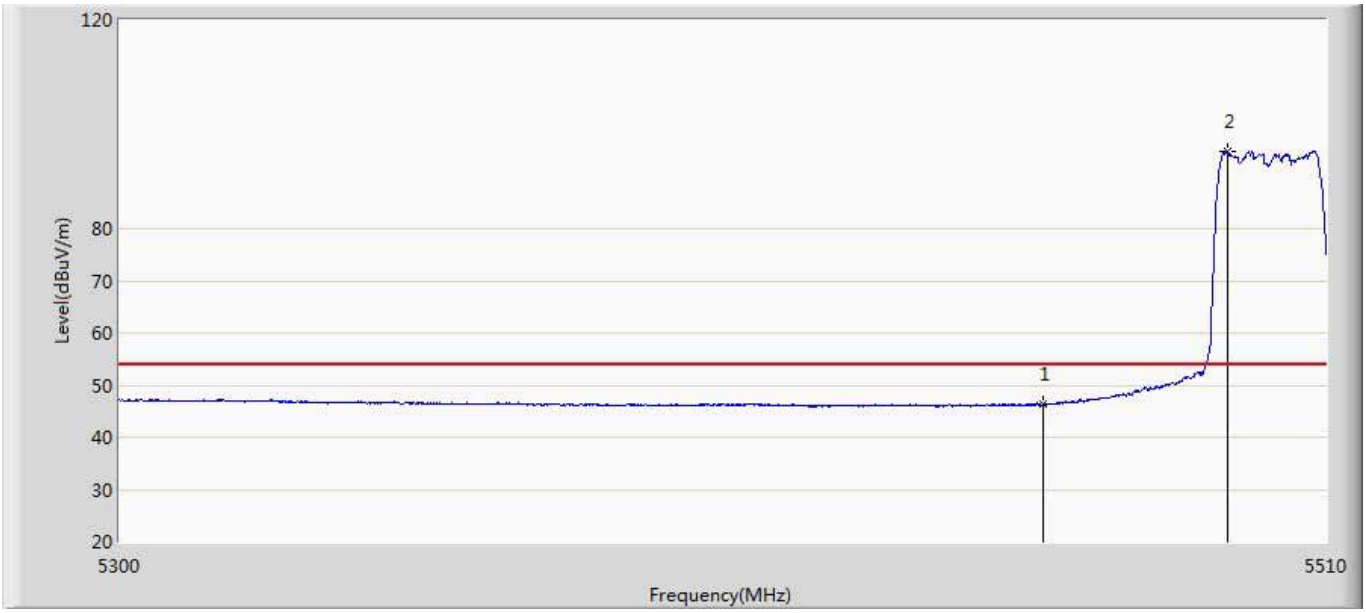
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.660	98.264	58.364	44.264	54.000	39.900	AV
2		5350.000	48.892	9.021	-5.108	54.000	39.871	AV
3		5378.115	51.619	11.752	-2.381	54.000	39.867	AV
4		5462.760	49.043	9.012	-4.957	54.000	40.031	AV

Profile: Honeywell	Page No.: 156
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320by 802.11ac20	



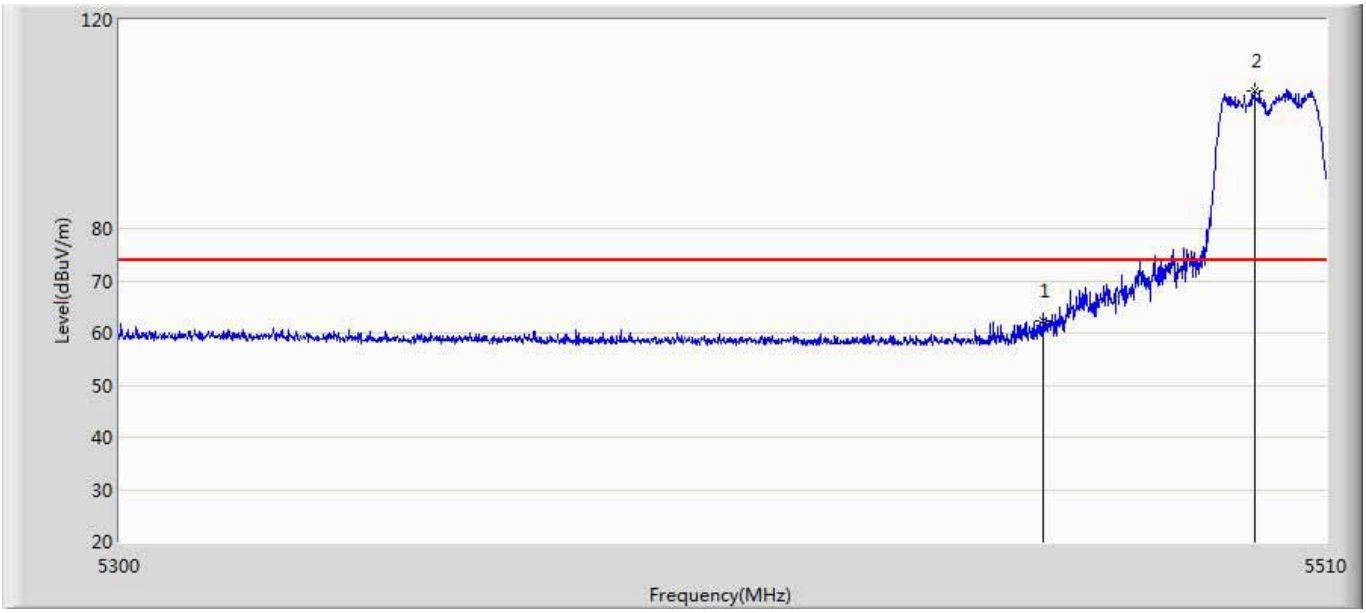
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.600	102.279	62.347	28.279	74.000	39.933	PK
2		5350.000	61.623	21.752	-12.377	74.000	39.871	PK

Profile: Honeywell	Page No.: 157
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500by 802.11ac20	



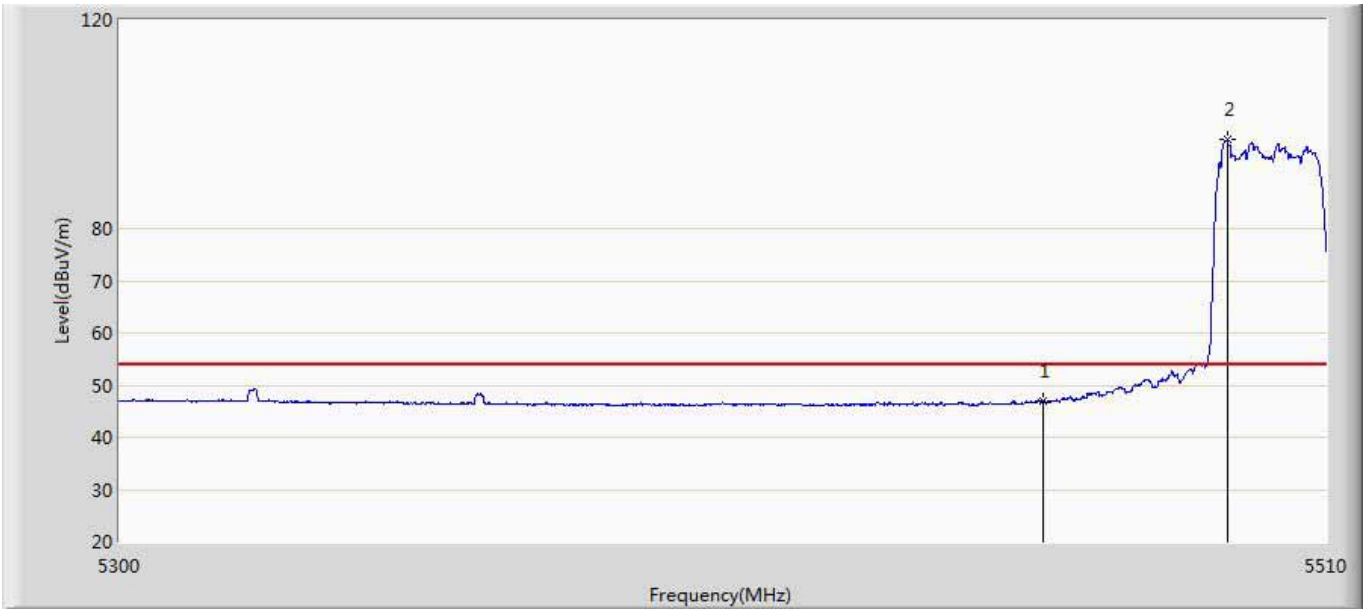
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.293	6.259	-7.707	54.000	40.034	AV
2	*	5492.465	94.744	54.597	40.744	54.000	40.147	AV

Profile: Honeywell	Page No.: 158
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500by 802.11ac20	



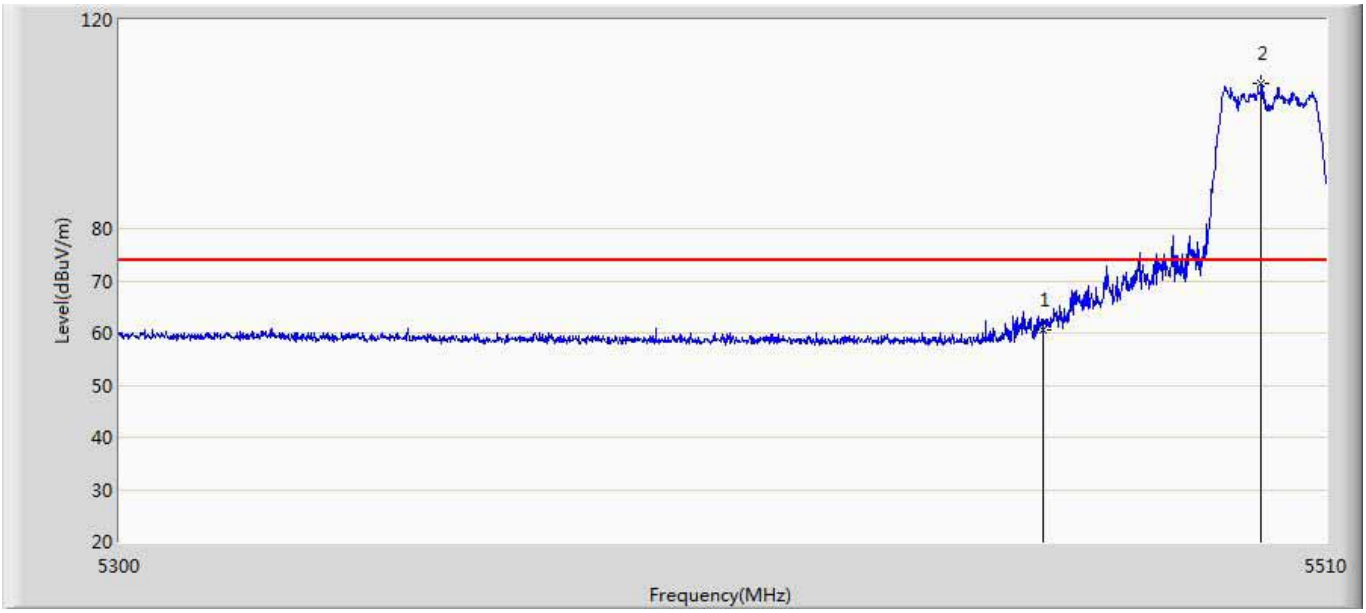
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.297	22.263	-11.703	74.000	40.034	PK
2	*	5497.295	106.369	66.236	32.369	74.000	40.133	PK

Profile: Honeywell	Page No.: 159
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500by 802.11ac20	



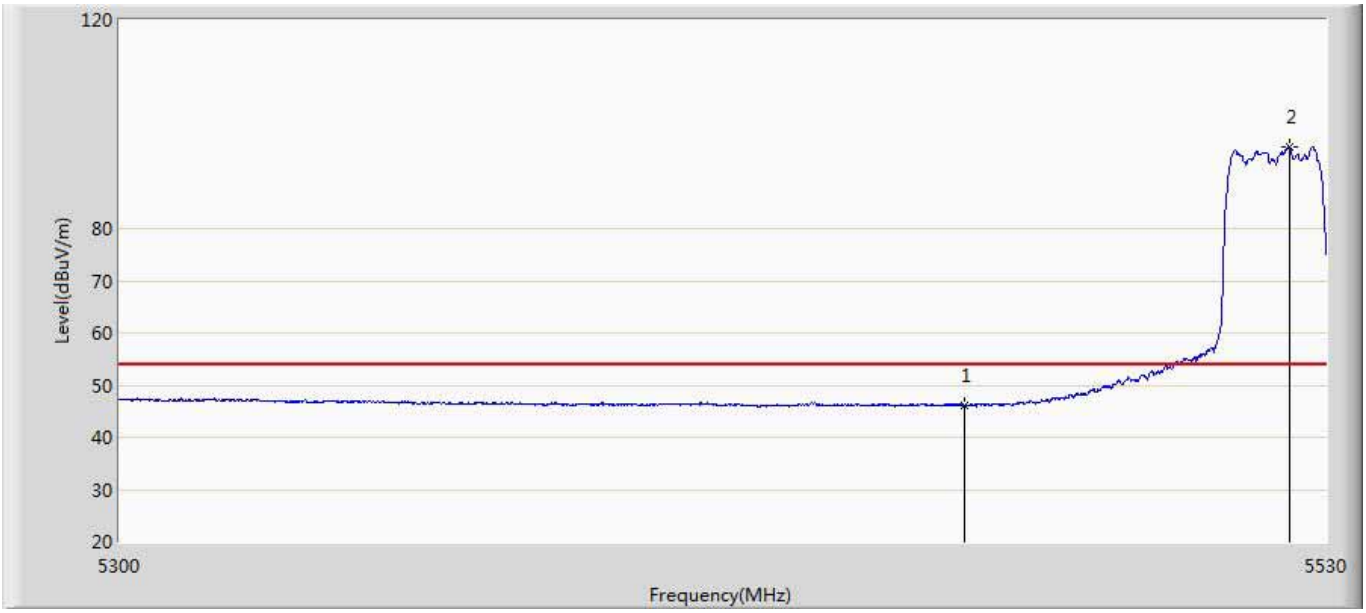
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.845	6.811	-7.155	54.000	40.034	AV
2	*	5492.465	97.081	56.934	43.081	54.000	40.147	AV

Profile: Honeywell	Page No.: 160
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500by 802.11ac20	



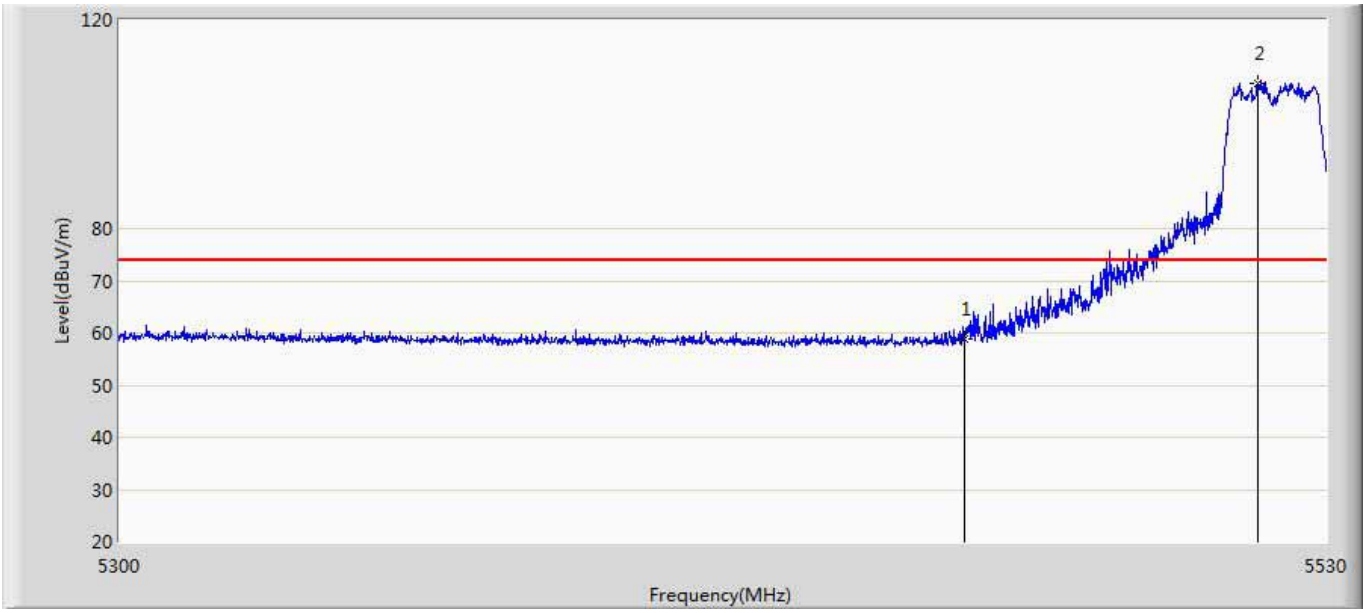
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.508	20.474	-13.492	74.000	40.034	PK
2	*	5498.450	107.737	67.607	33.737	74.000	40.130	PK

Profile: Honeywell	Page No.: 161
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5520by 802.11ac20	



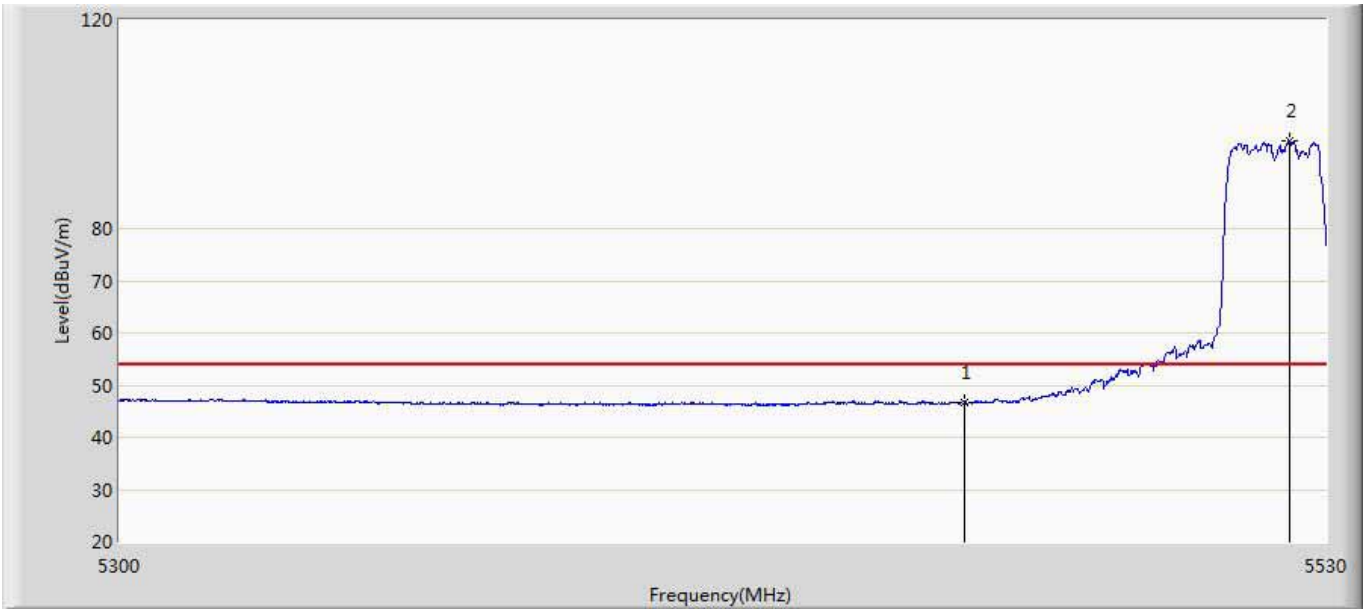
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.200	6.166	-7.800	54.000	40.034	AV
2	*	5522.870	95.635	55.496	41.635	54.000	40.139	AV

Profile: Honeywell	Page No.: 162
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5520by 802.11ac20	



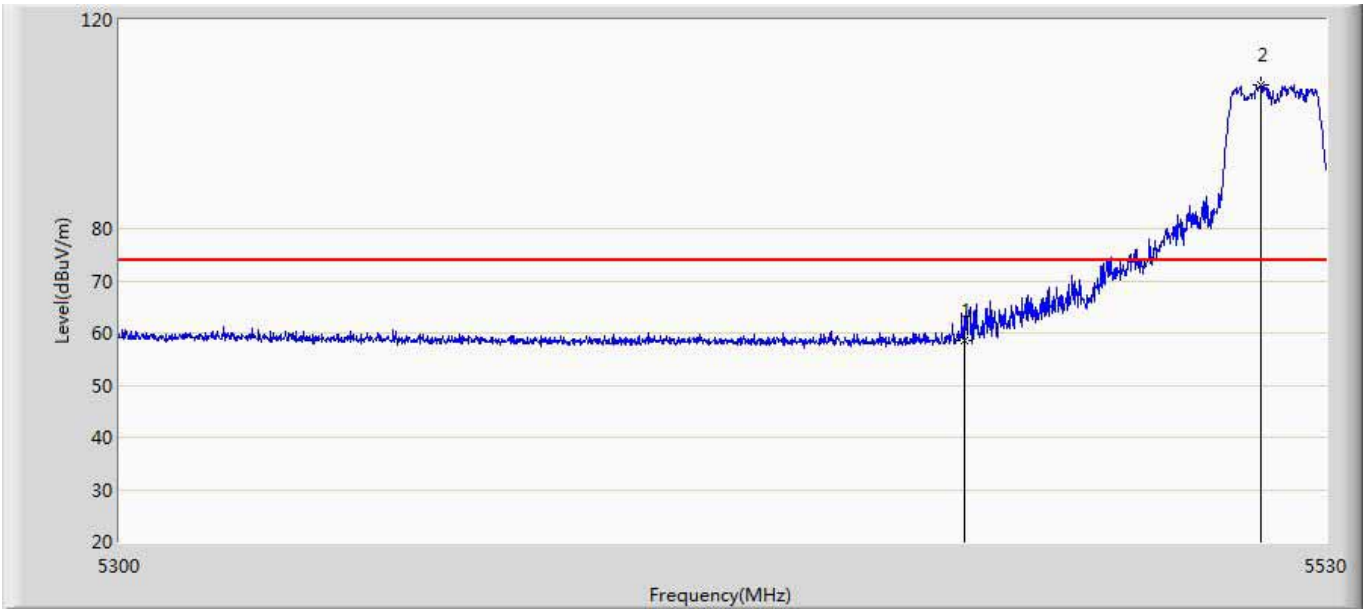
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.882	18.848	-15.118	74.000	40.034	PK
2	*	5516.775	107.743	67.619	33.743	74.000	40.125	PK

Profile: Honeywell	Page No.: 163
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5520by 802.11ac20	



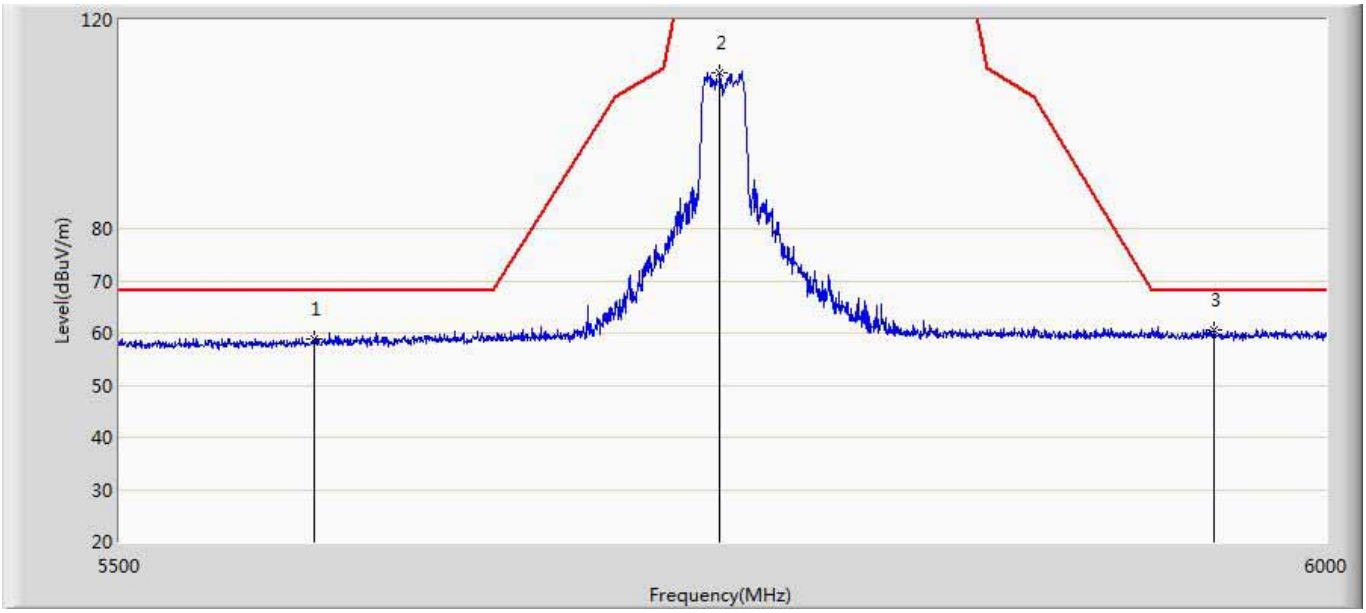
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.610	6.576	-7.390	54.000	40.034	AV
2	*	5522.870	96.727	56.588	42.727	54.000	40.139	AV

Profile: Honeywell	Page No.: 164
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5520by 802.11ac20	



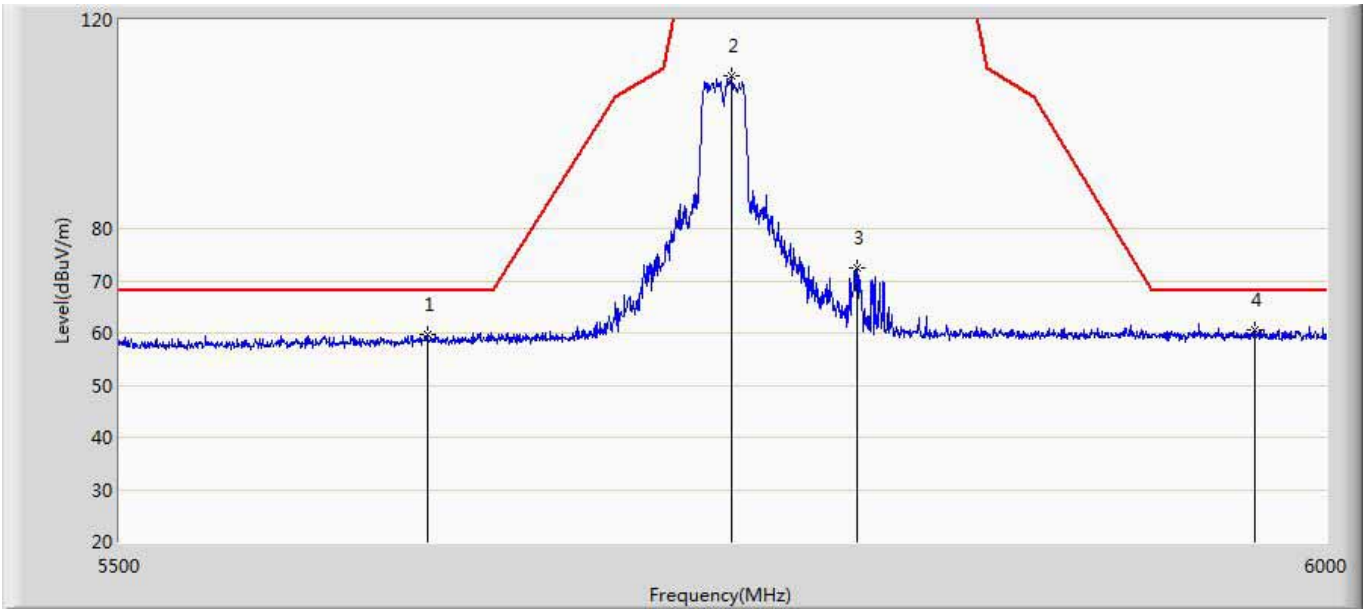
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.572	18.538	-15.428	74.000	40.034	PK
2	*	5517.465	107.485	67.360	33.485	74.000	40.125	PK

Profile: Honeywell	Page No.: 165
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:34
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745by 802.11ac20	



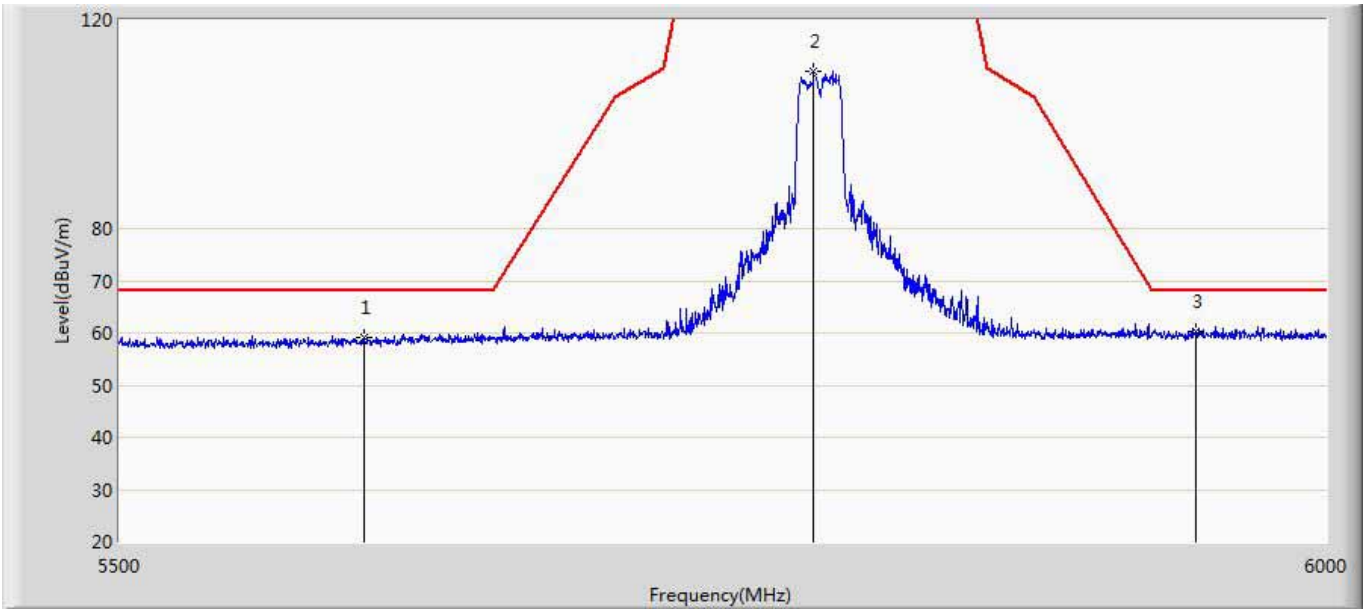
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5578.000	58.774	18.482	-9.426	68.200	40.292	PK
2		5743.500	109.761	69.178	-12.439	122.200	40.583	PK
3	*	5951.750	60.499	19.463	-7.701	68.200	41.036	PK

Profile: Honeywell	Page No.: 166
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:36
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745by 802.11ac20	



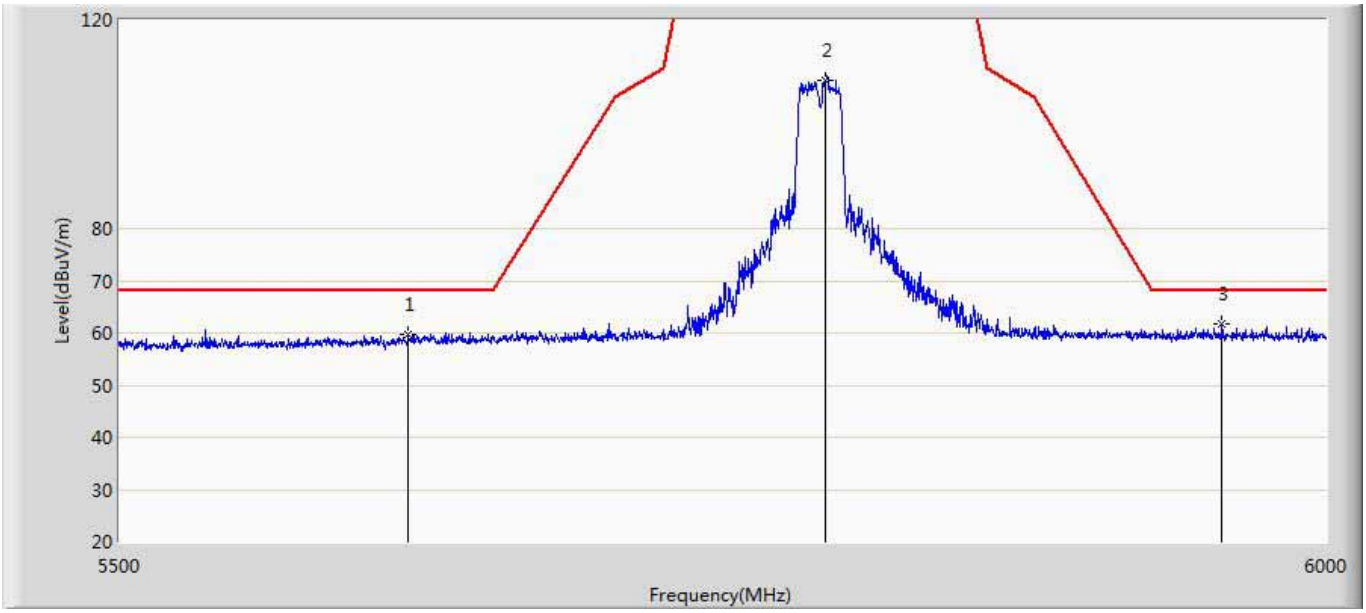
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5623.750	59.753	19.195	-8.447	68.200	40.558	PK
2		5748.250	109.237	68.643	-12.963	122.200	40.593	PK
3		5800.500	72.329	31.560	-49.871	122.200	40.769	PK
4	*	5969.500	60.629	19.611	-7.571	68.200	41.018	PK

Profile: Honeywell	Page No.: 167
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:39
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785by 802.11ac20	



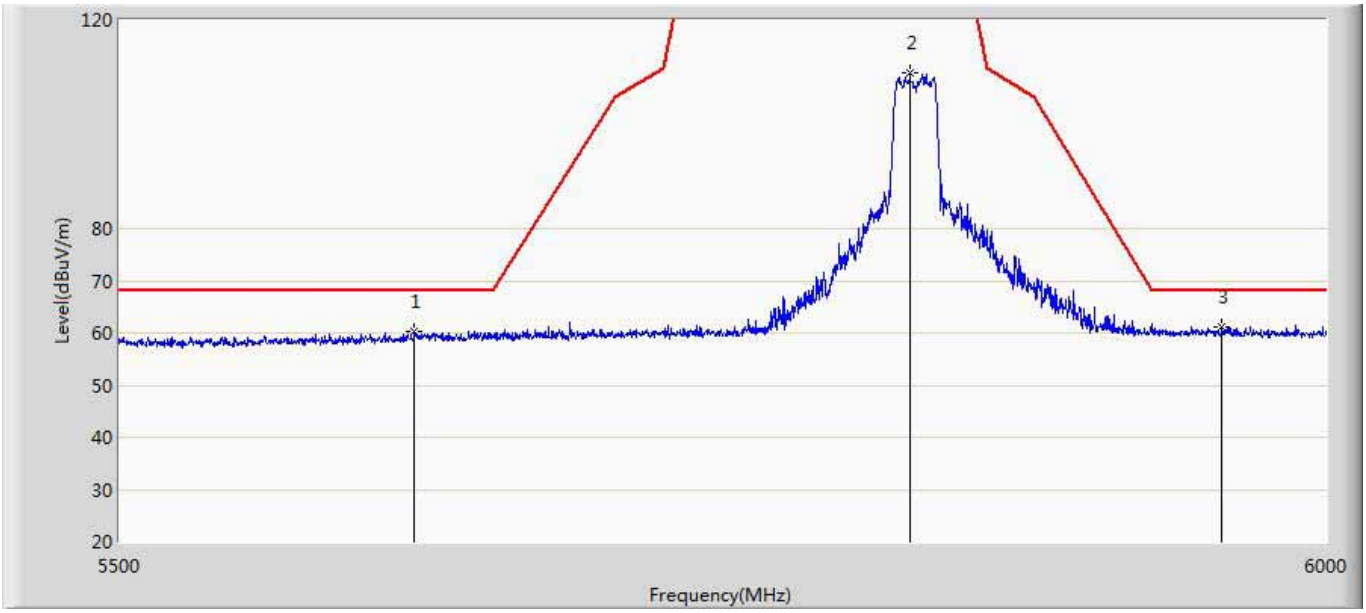
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5598.000	59.261	18.942	-8.939	68.200	40.319	PK
2		5782.250	110.253	69.565	-11.947	122.200	40.687	PK
3	*	5944.000	60.217	19.198	-7.983	68.200	41.019	PK

Profile: Honeywell	Page No.: 168
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:41
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785by 802.11ac20	



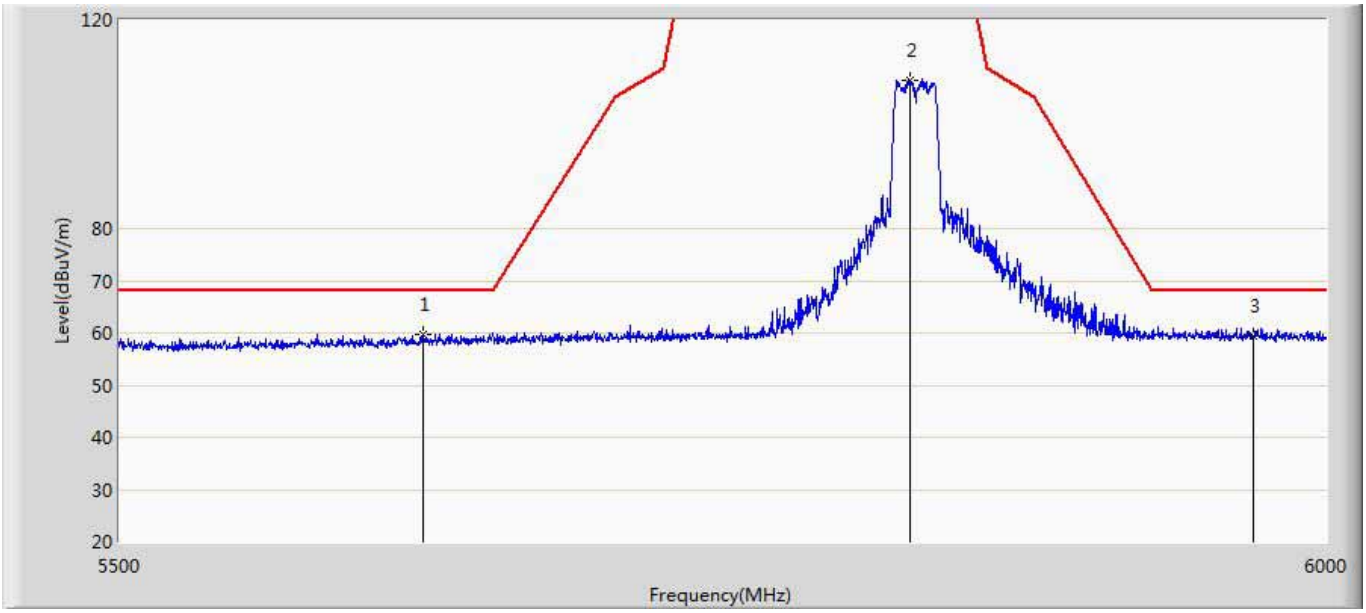
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5615.750	59.667	19.238	-8.533	68.200	40.429	PK
2		5787.000	108.389	67.670	-13.811	122.200	40.719	PK
3	*	5955.250	61.803	20.775	-6.397	68.200	41.028	PK

Profile: Honeywell	Page No.: 169
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:43
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825by 802.11ac20	



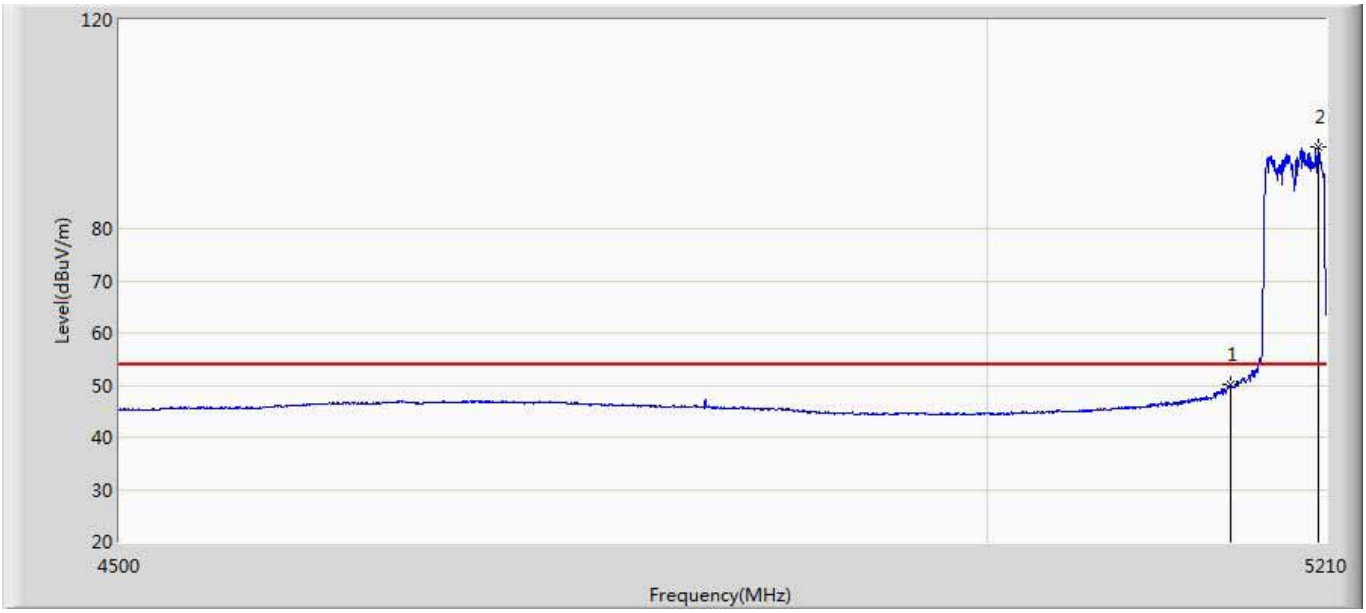
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5618.250	60.194	19.725	-8.006	68.200	40.470	PK
2		5822.750	109.885	69.153	-12.315	122.200	40.733	PK
3	*	5955.250	61.274	20.246	-6.926	68.200	41.028	PK

Profile: Honeywell	Page No.: 170
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:46
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825by 802.11ac20	



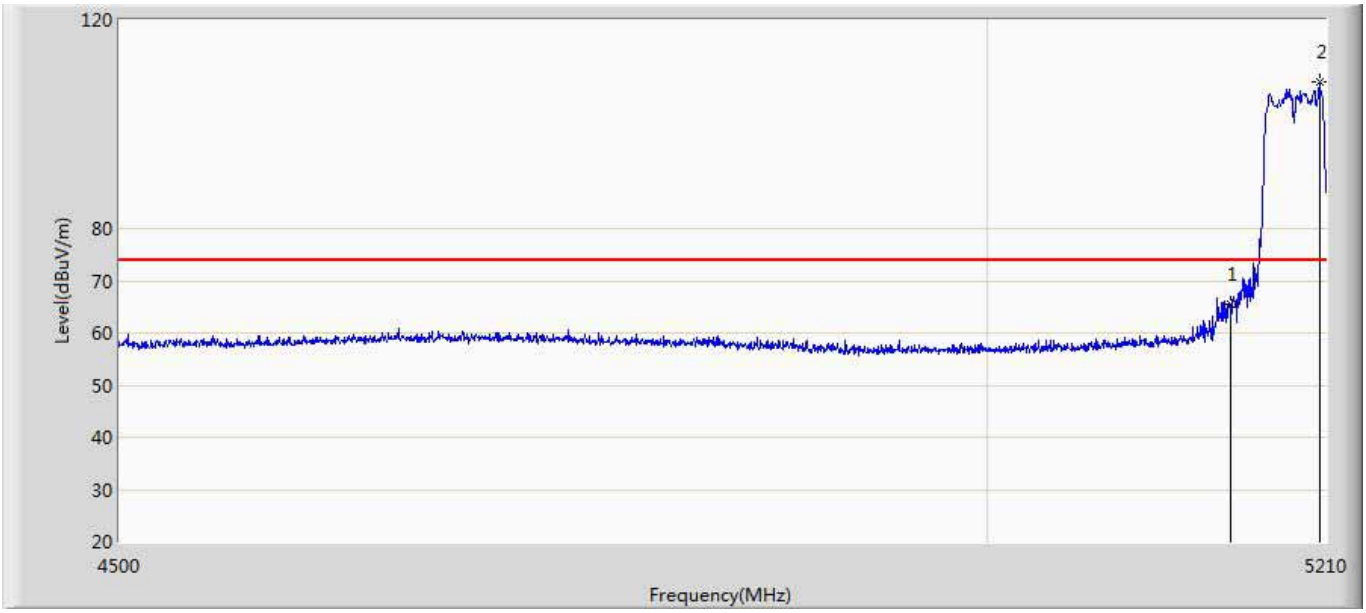
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5621.750	59.758	19.232	-8.442	68.200	40.526	PK
2		5823.000	108.448	67.717	-13.752	122.200	40.731	PK
3		5968.750	59.385	18.368	-8.815	68.200	41.016	PK

Profile: Honeywell	Page No.: 171
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190by 802.11ac40	



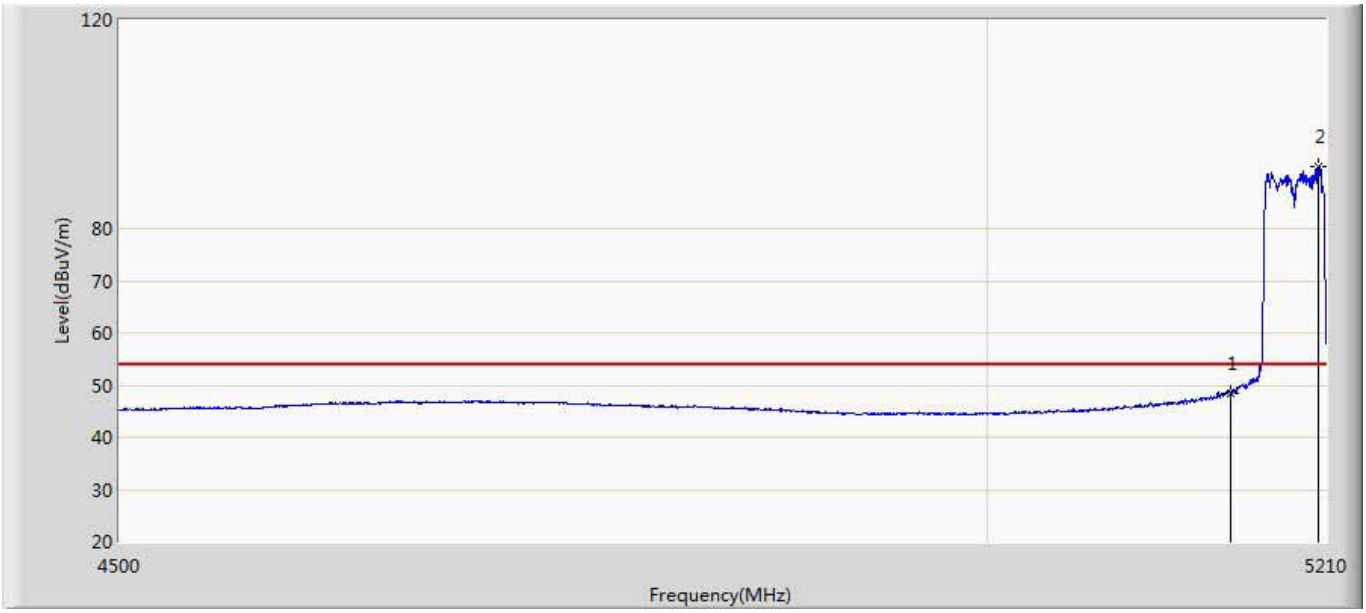
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.077	10.543	-3.923	54.000	39.534	AV
2	*	5205.385	95.745	56.036	41.745	54.000	39.709	AV

Profile: Honeywell	Page No.: 172
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190by 802.11ac40	



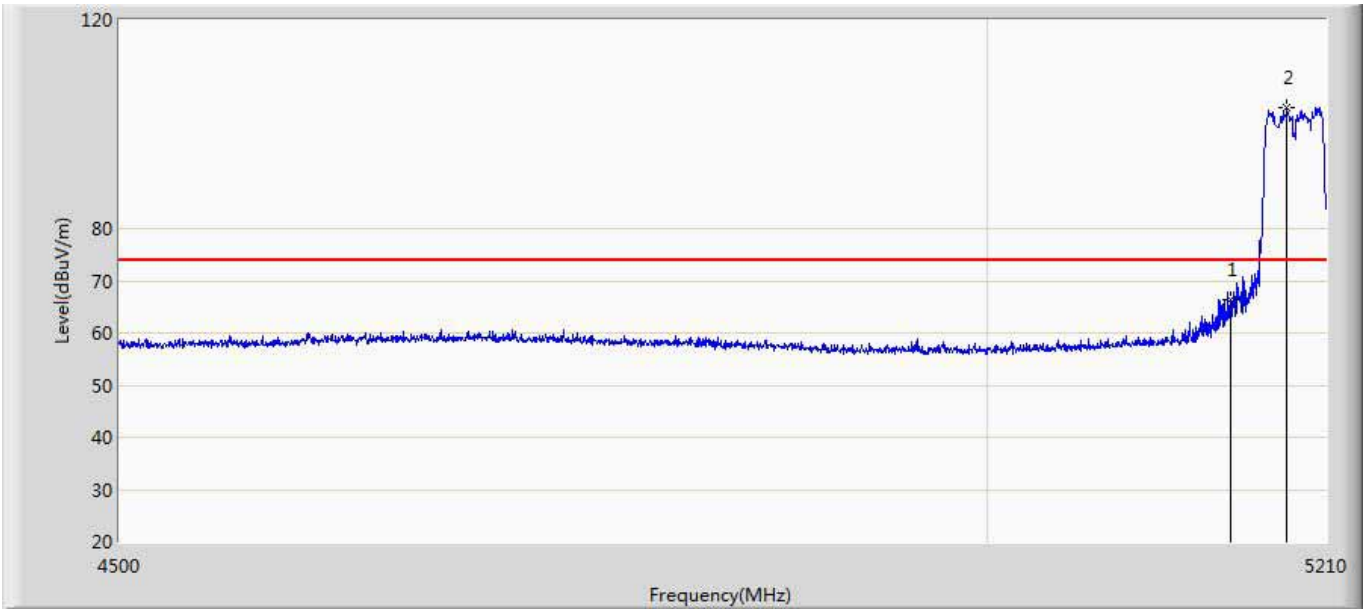
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.524	25.990	-8.476	74.000	39.534	PK
2	*	5205.740	108.142	68.433	34.142	74.000	39.709	PK

Profile: Honeywell	Page No.: 173
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 21:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190by 802.11ac40	



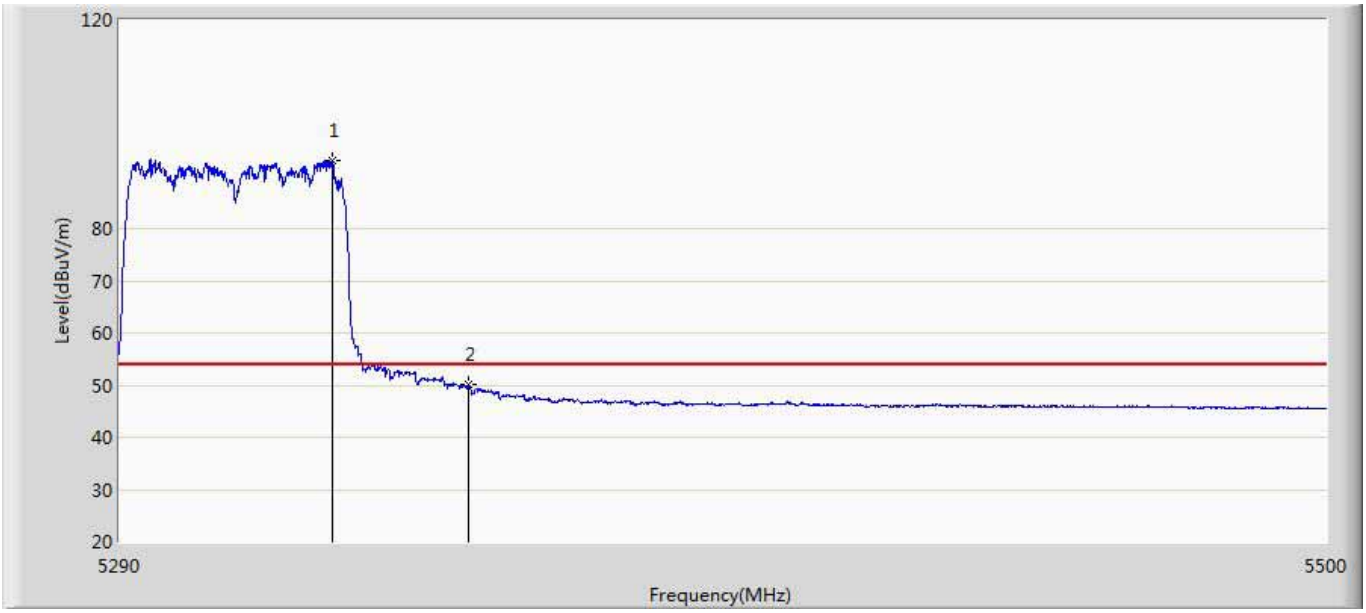
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.341	8.807	-5.659	54.000	39.534	AV
2	*	5205.030	91.933	52.224	37.933	54.000	39.709	AV

Profile: Honeywell	Page No.: 174
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190by 802.11ac40	



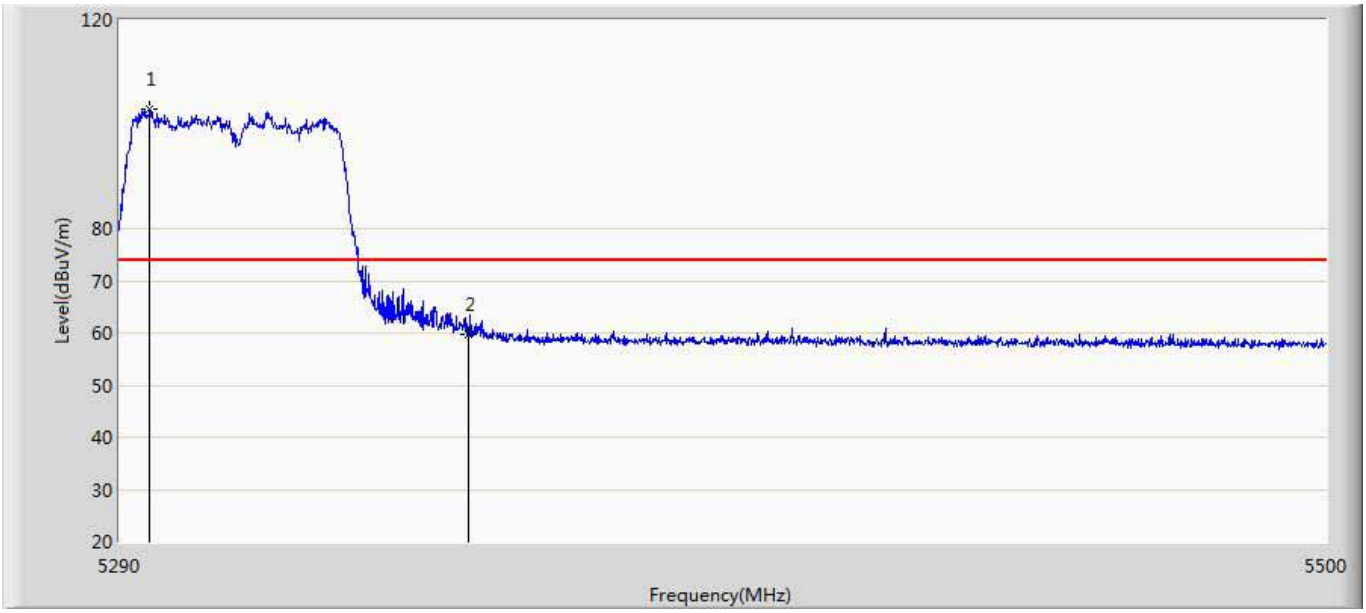
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.345	26.811	-7.655	74.000	39.534	PK
2	*	5185.150	103.280	63.698	29.280	74.000	39.582	PK

Profile: Honeywell	Page No.: 175
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310by 802.11ac40	



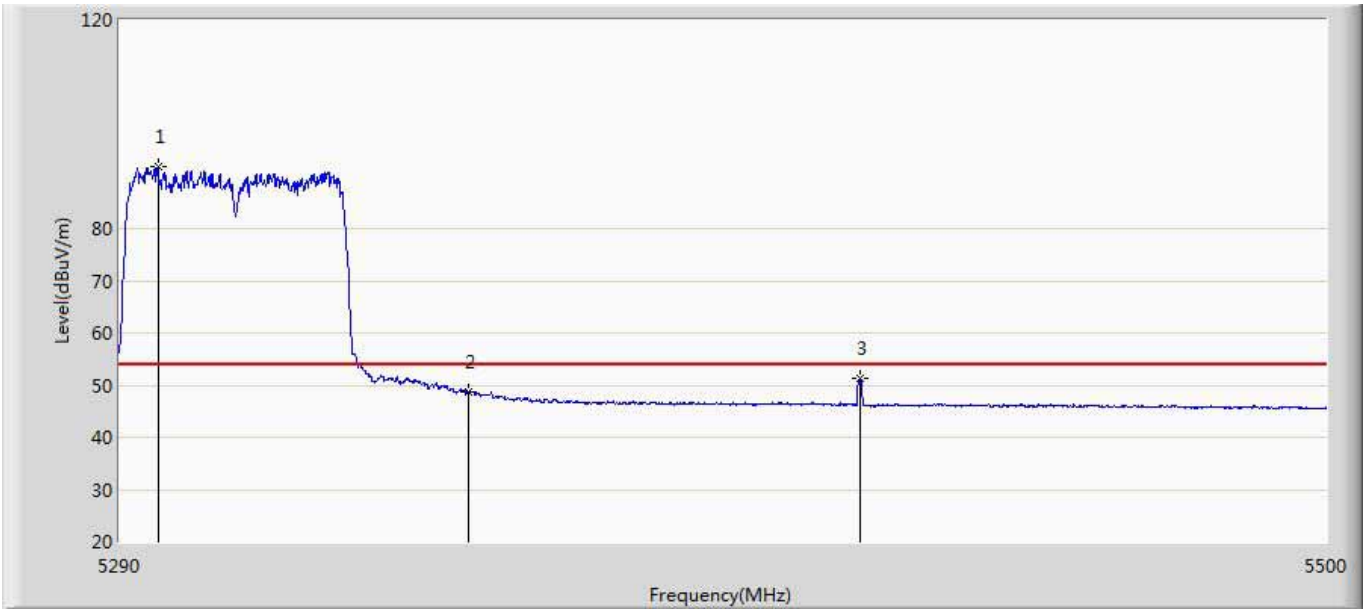
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.435	93.008	53.107	39.008	54.000	39.901	AV
2		5350.000	50.092	10.221	-3.908	54.000	39.871	AV

Profile: Honeywell	Page No.: 176
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310by 802.11ac40	



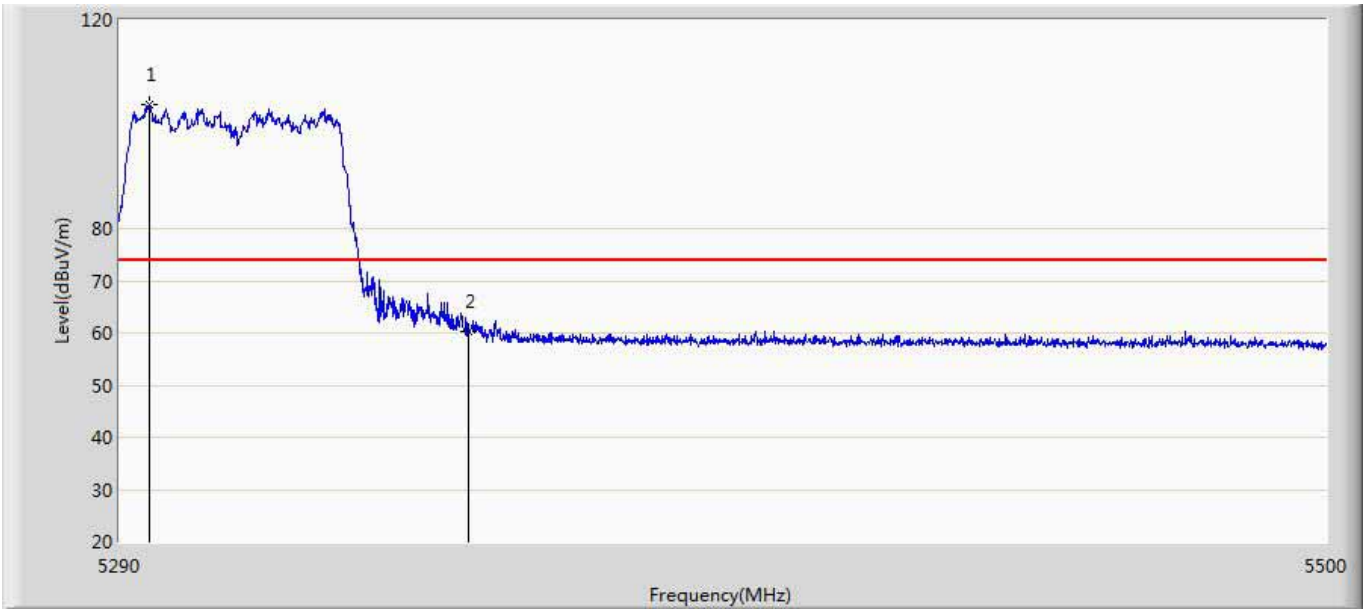
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.250	102.813	62.983	28.813	74.000	39.830	PK
2		5350.000	59.648	19.777	-14.352	74.000	39.871	PK

Profile: Honeywell	Page No.: 177
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310by 802.11ac40	



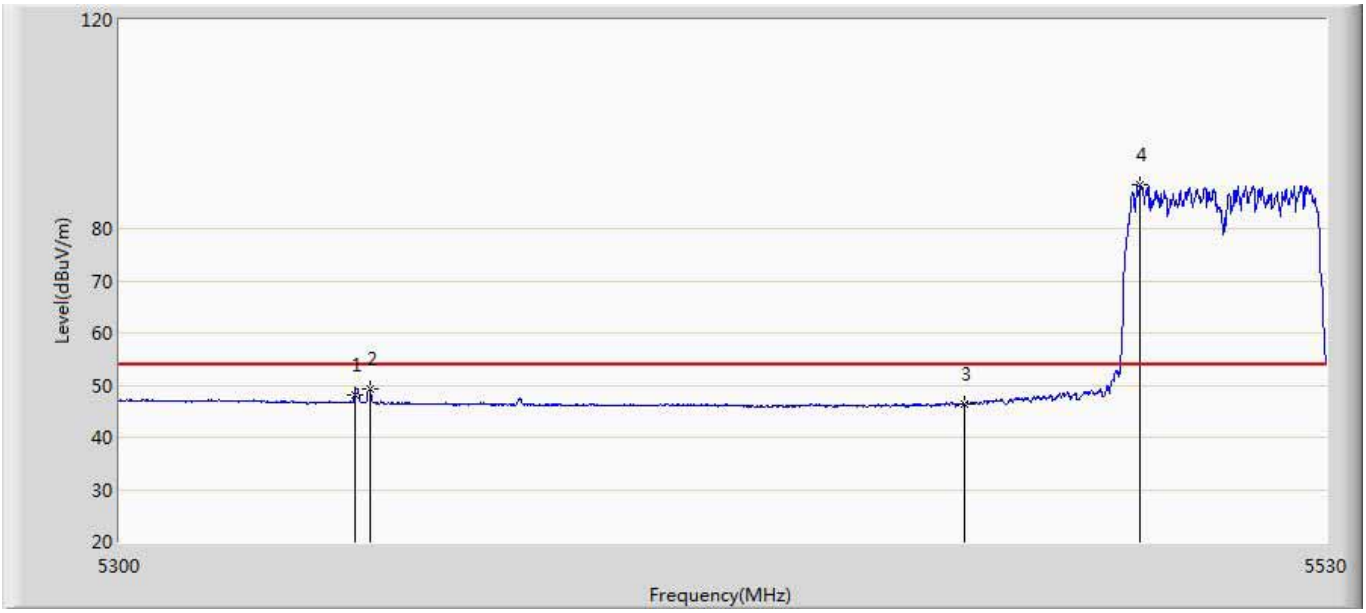
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5296.615	91.843	52.014	37.843	54.000	39.829	AV
2		5350.000	48.672	8.801	-5.328	54.000	39.871	AV
3		5417.890	51.252	11.272	-2.748	54.000	39.980	AV

Profile: Honeywell	Page No.: 178
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310by 802.11ac40	



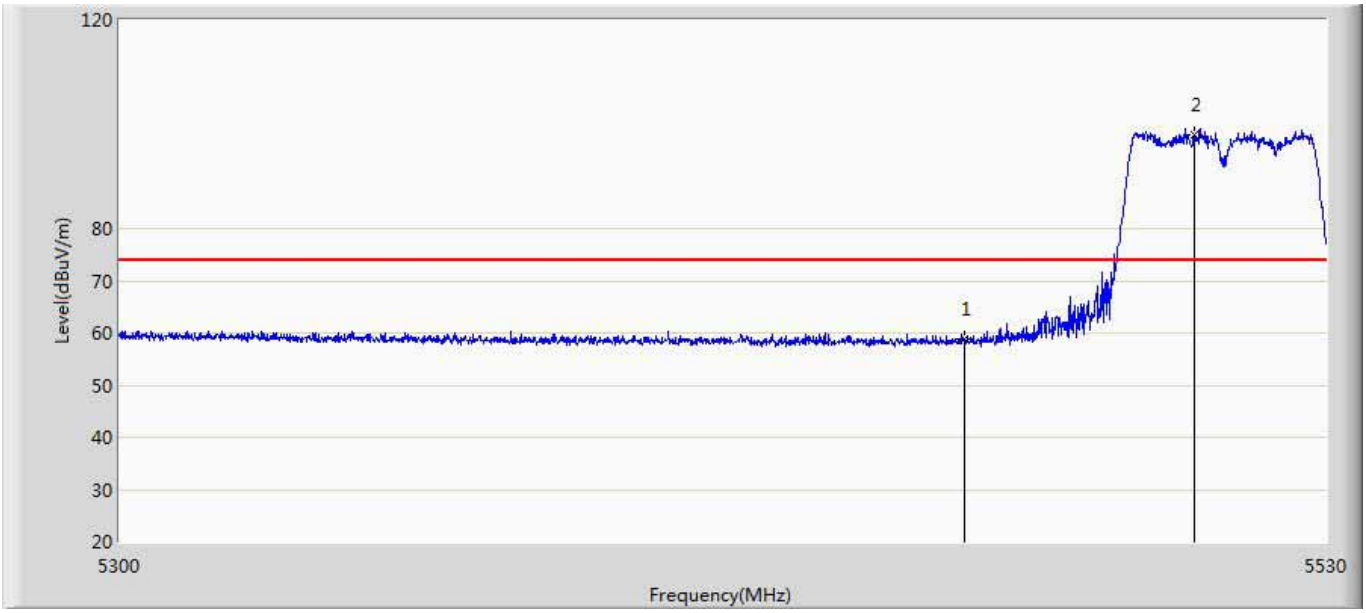
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.250	103.905	64.075	29.905	74.000	39.830	PK
2		5350.000	60.265	20.394	-13.735	74.000	39.871	PK

Profile: Honeywell	Page No.: 179
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510by 802.11ac40	



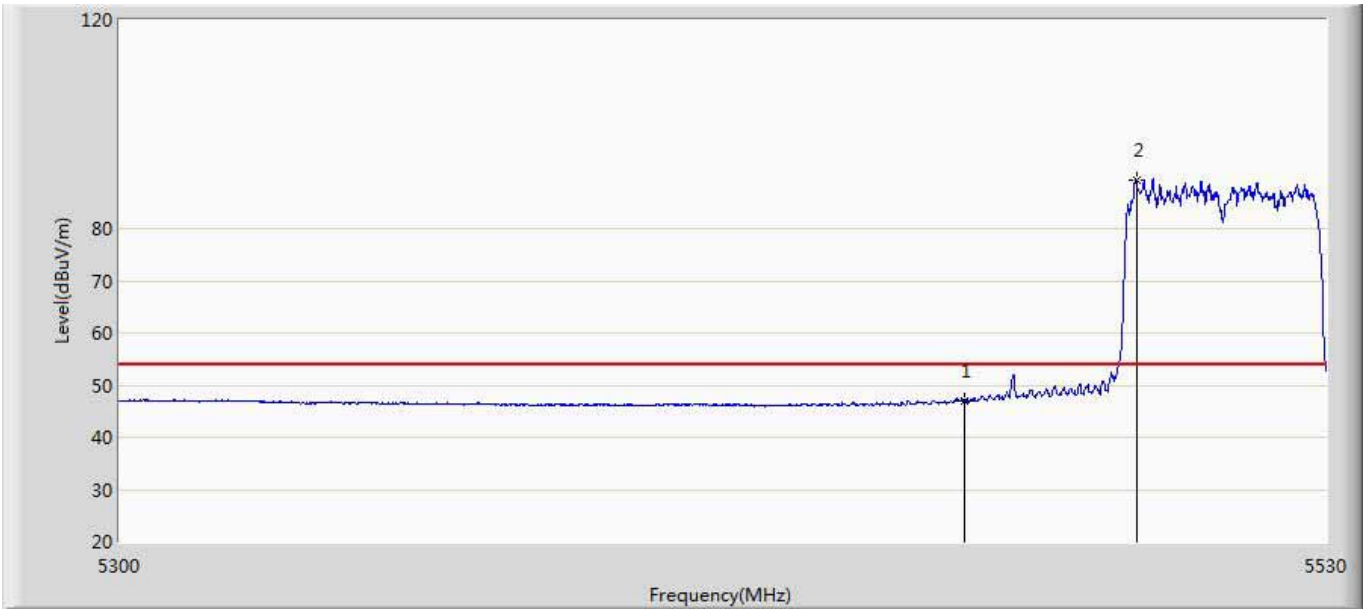
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5344.160	48.258	8.389	-5.742	54.000	39.869	AV
2		5346.920	49.260	9.390	-4.740	54.000	39.870	AV
3		5460.000	46.262	6.228	-7.738	54.000	40.034	AV
4	*	5494.005	88.450	48.308	34.450	54.000	40.143	AV

Profile: Honeywell	Page No.: 180
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510by 802.11ac40	



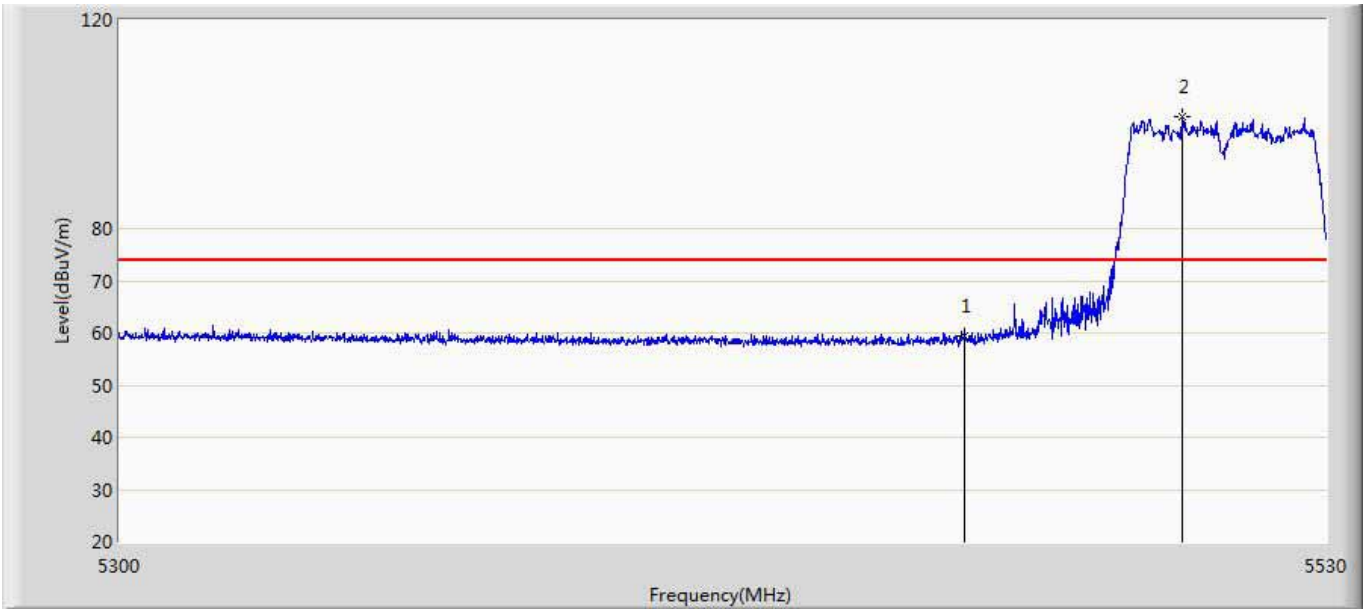
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.801	18.767	-15.199	74.000	40.034	PK
2	*	5504.355	98.059	57.946	24.059	74.000	40.113	PK

Profile: Honeywell	Page No.: 181
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510by 802.11ac40	



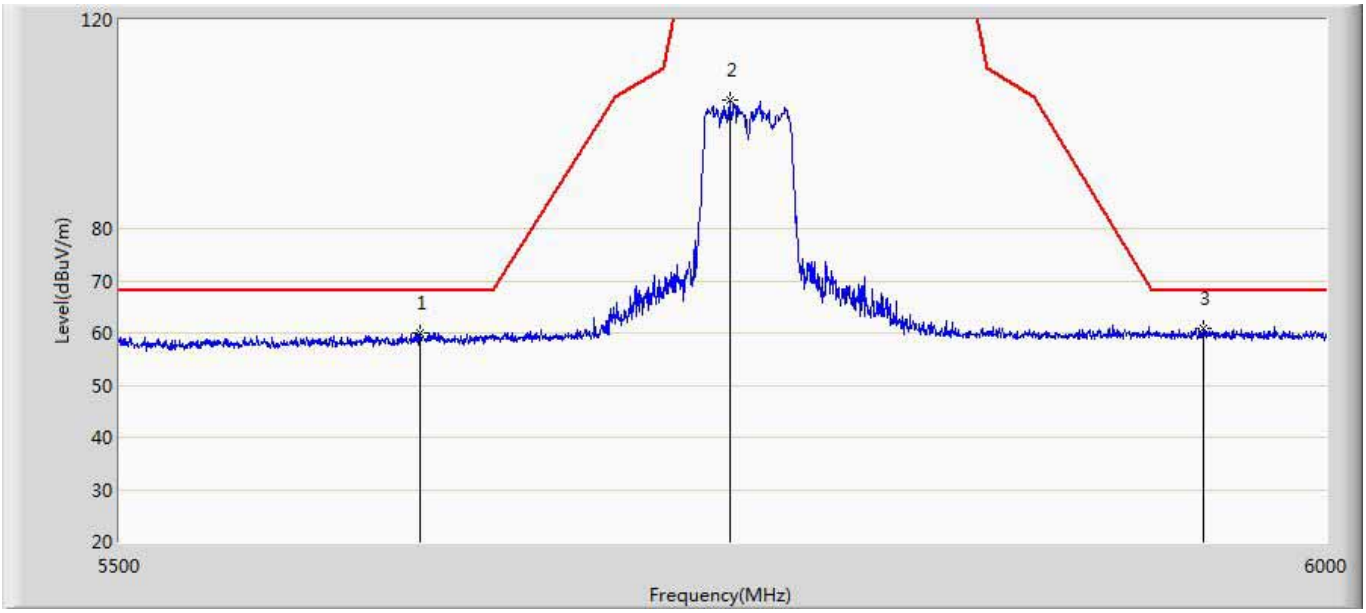
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.941	6.907	-7.059	54.000	40.034	AV
2	*	5493.315	89.186	49.042	35.186	54.000	40.144	AV

Profile: Honeywell	Page No.: 182
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510by 802.11ac40	



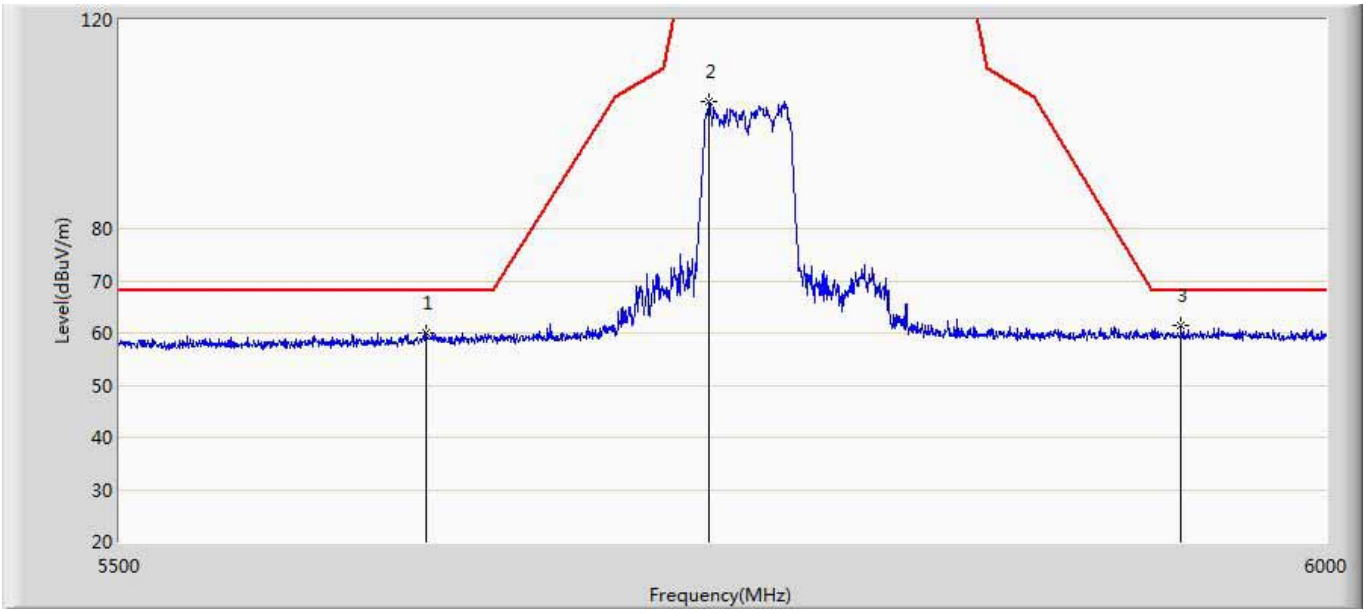
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.312	19.278	-14.688	74.000	40.034	PK
2	*	5502.170	101.416	61.297	27.416	74.000	40.119	PK

Profile: Honeywell	Page No.: 183
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:24
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755by 802.11ac40	



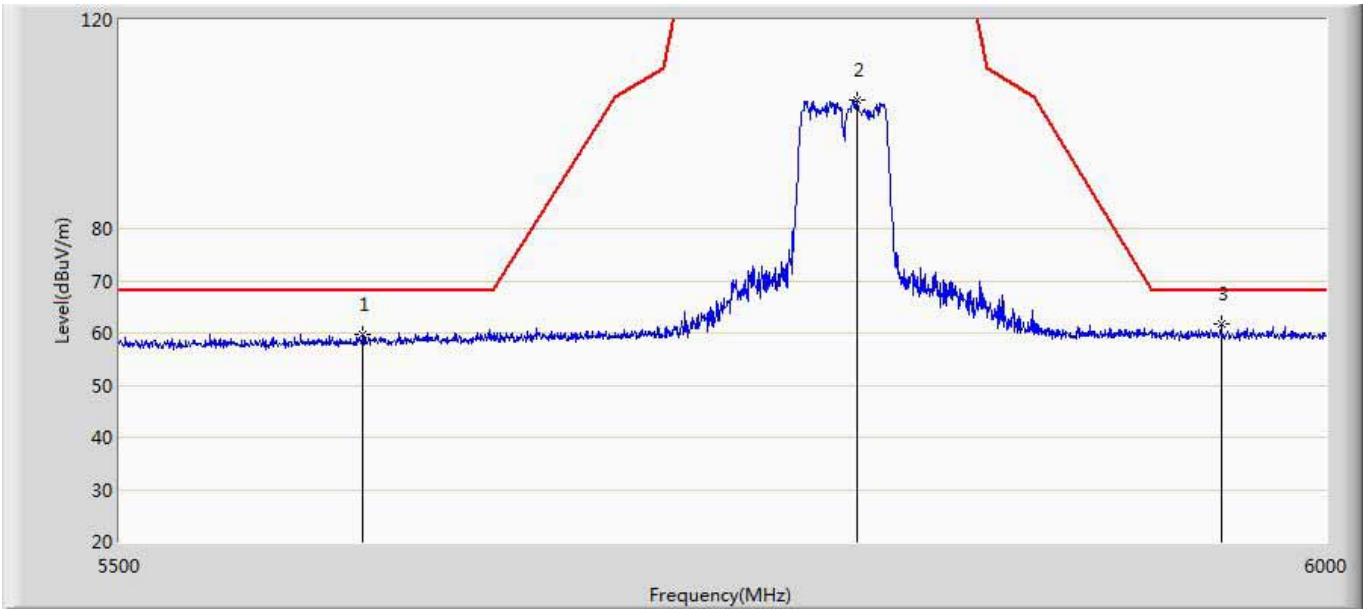
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5620.500	59.954	19.448	-8.246	68.200	40.505	PK
2		5747.500	104.616	64.024	-17.584	122.200	40.592	PK
3	*	5947.500	60.905	19.860	-7.295	68.200	41.045	PK

Profile: Honeywell	Page No.: 184
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:27
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755by 802.11ac40	



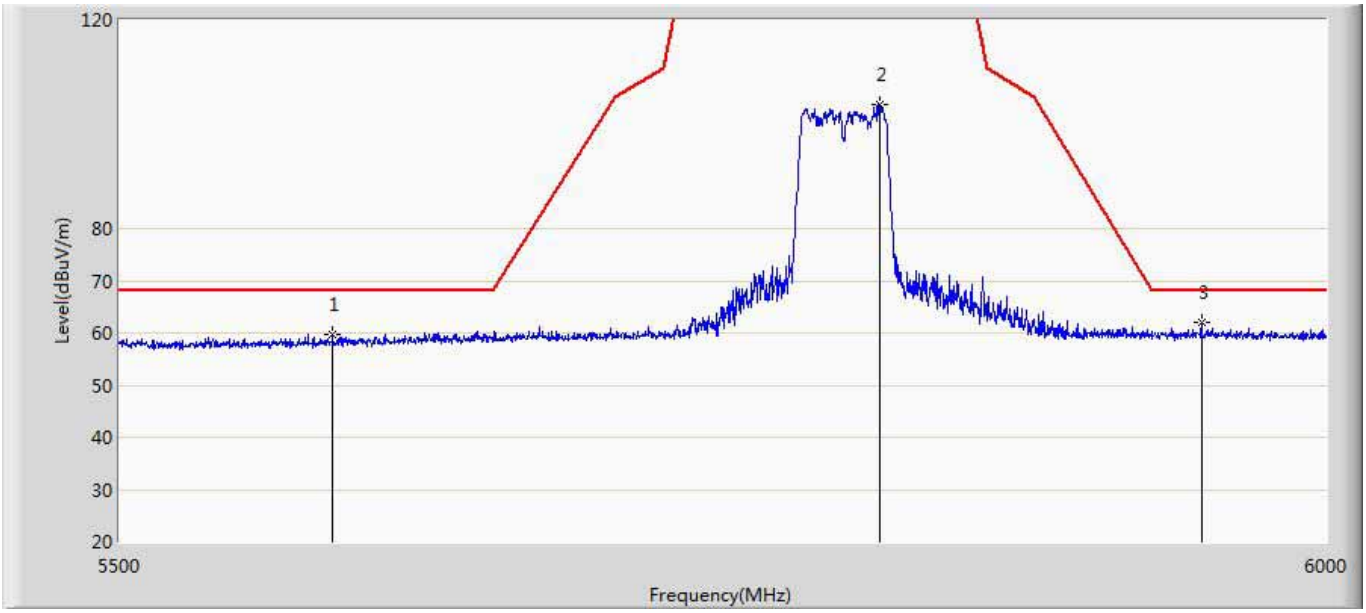
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5623.250	60.100	19.550	-8.100	68.200	40.550	PK
2		5739.000	104.289	63.725	-17.911	122.200	40.564	PK
3	*	5937.750	61.580	20.619	-6.620	68.200	40.961	PK

Profile: Honeywell	Page No.: 185
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:29
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795by 802.11ac40	



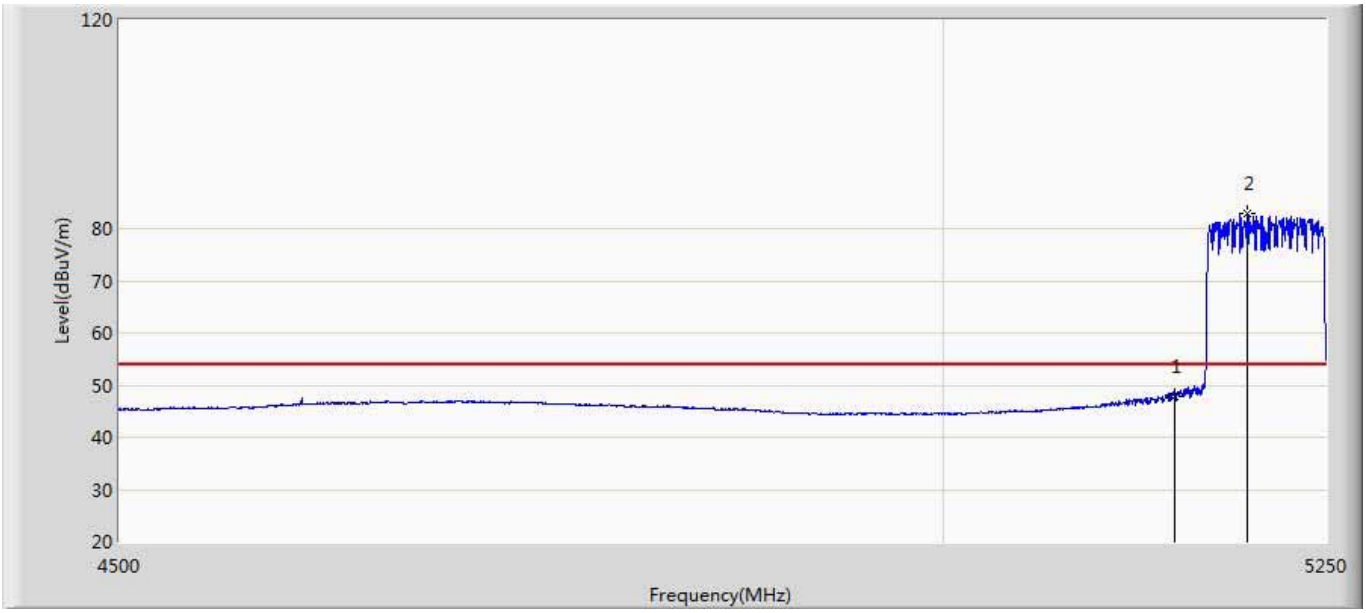
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5597.500	59.816	19.495	-8.384	68.200	40.321	PK
2		5800.500	104.666	63.897	-17.534	122.200	40.769	PK
3	*	5954.750	61.825	20.796	-6.375	68.200	41.029	PK

Profile: Honeywell	Page No.: 186
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:31
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795by 802.11ac40	



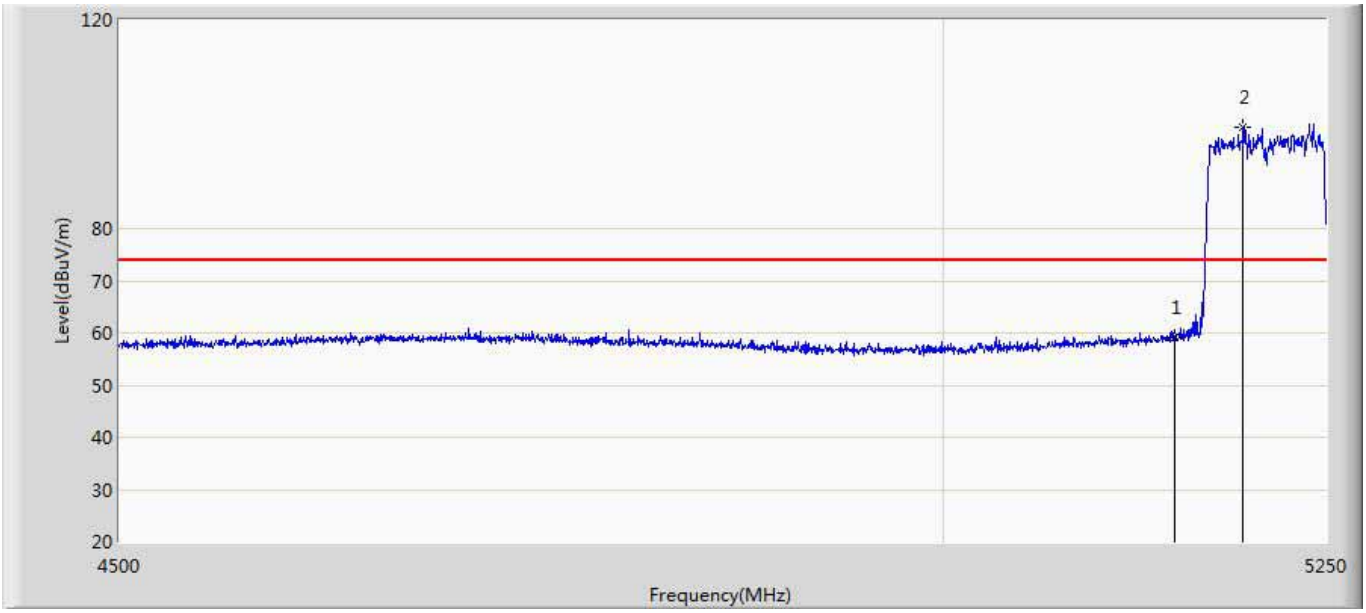
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5585.250	59.700	19.375	-8.500	68.200	40.324	PK
2		5810.250	103.760	62.986	-18.440	122.200	40.774	PK
3	*	5946.500	62.031	20.989	-6.169	68.200	41.041	PK

Profile: Honeywell	Page No.: 187
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210by 802.11ac80	



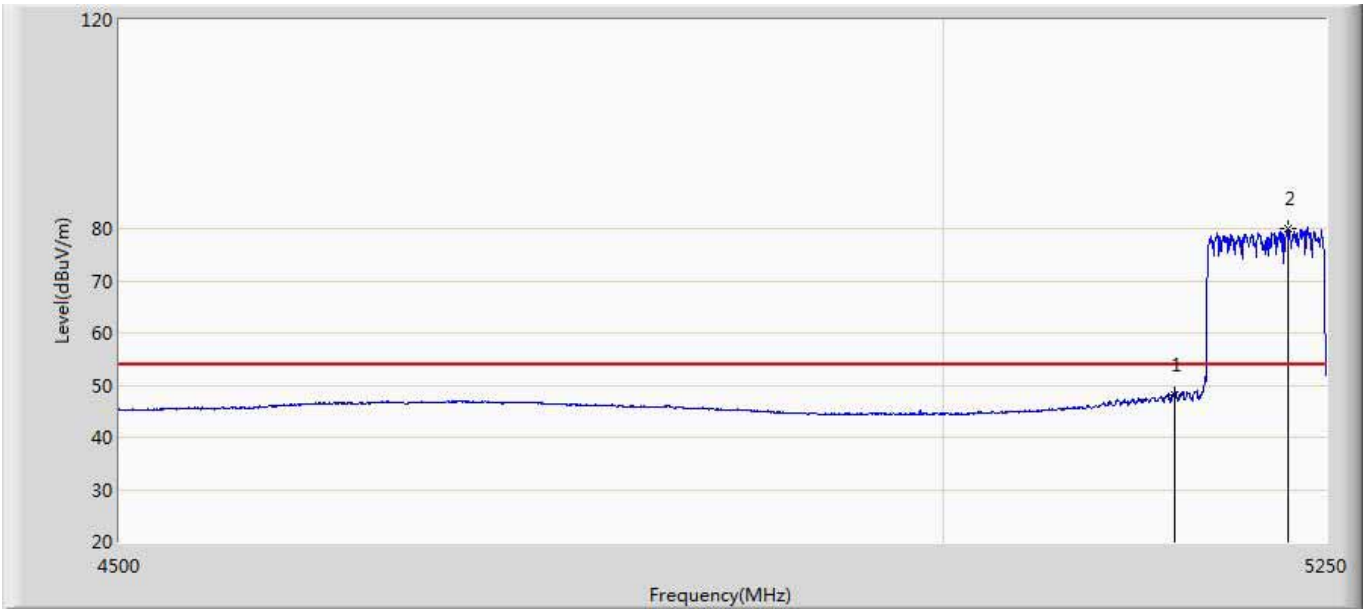
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.711	8.177	-6.289	54.000	39.534	AV
2	*	5197.500	82.998	43.303	28.998	54.000	39.694	AV

Profile: Honeywell	Page No.: 188
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210by 802.11ac80	



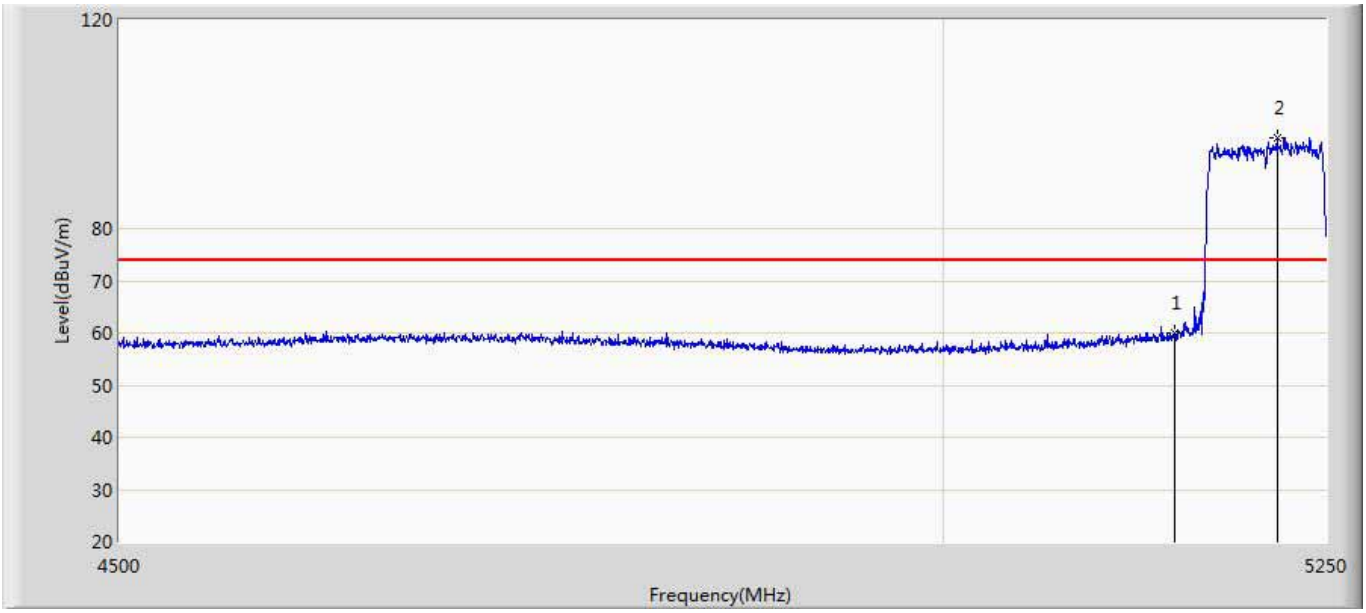
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.271	19.737	-14.729	74.000	39.534	PK
2	*	5194.875	99.525	59.854	25.525	74.000	39.671	PK

Profile: Honeywell	Page No.: 189
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210by 802.11ac80	



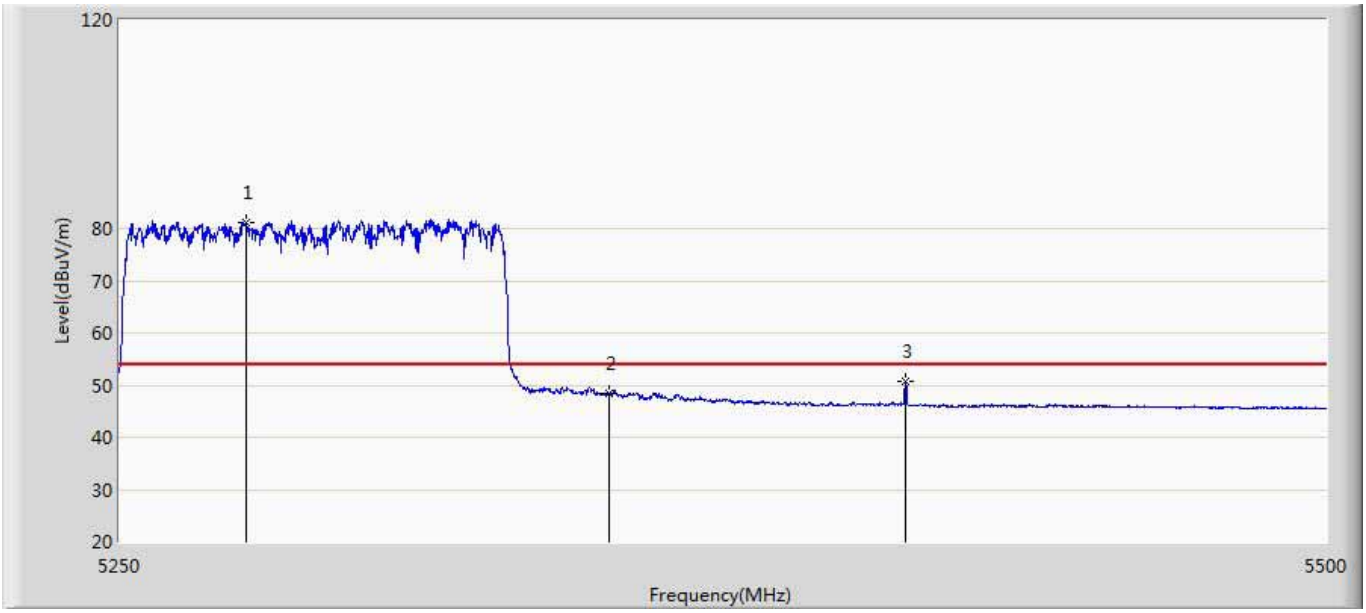
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.048	8.514	-5.952	54.000	39.534	AV
2	*	5224.500	79.860	40.196	25.860	54.000	39.664	AV

Profile: Honeywell	Page No.: 190
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210by 802.11ac80	



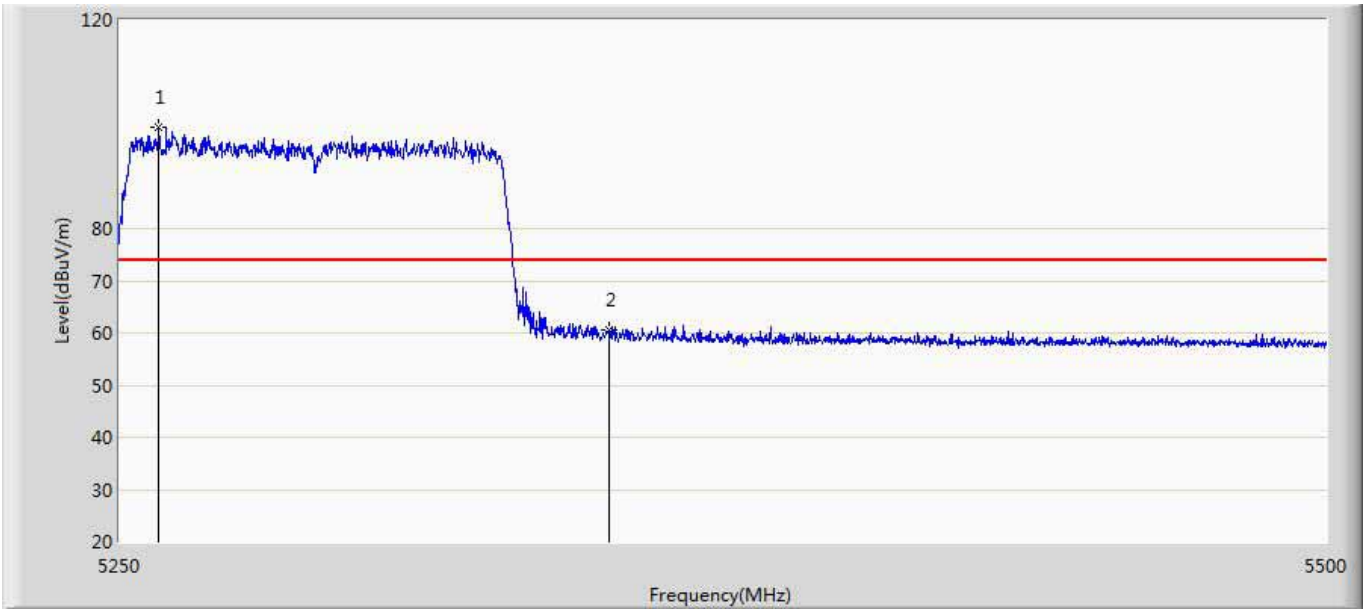
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.939	20.405	-14.061	74.000	39.534	PK
2	*	5217.375	97.496	57.793	23.496	74.000	39.703	PK

Profile: Honeywell	Page No.: 191
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290by 802.11ac80	



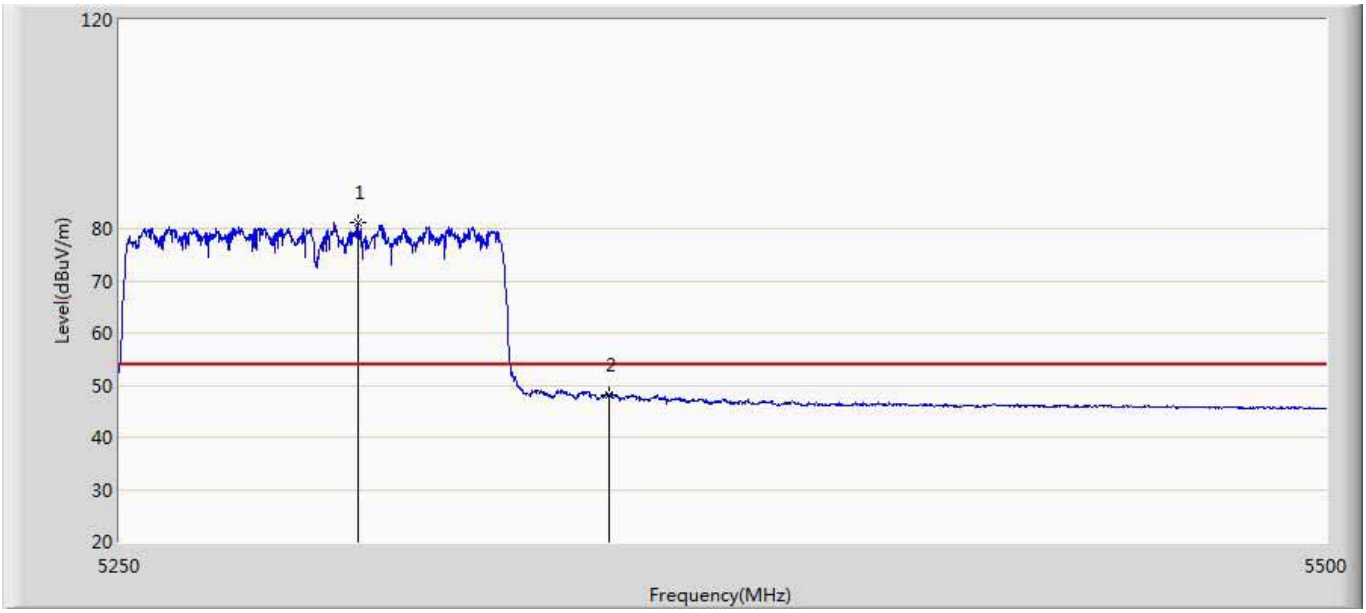
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5275.625	81.034	41.248	27.034	54.000	39.786	AV
2		5350.000	48.433	8.562	-5.567	54.000	39.871	AV
3		5411.625	50.810	10.799	-3.190	54.000	40.012	AV

Profile: Honeywell	Page No.: 192
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290by 802.11ac80	



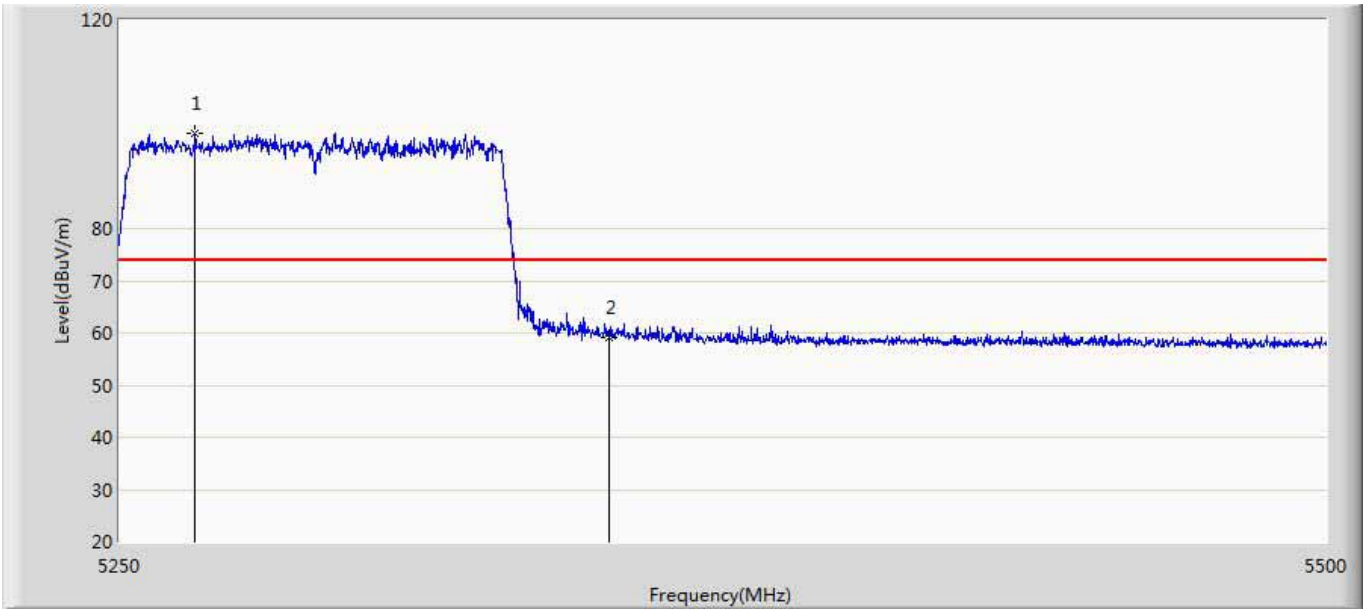
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5258.000	99.447	59.640	25.447	74.000	39.807	PK
2		5350.000	60.569	20.698	-13.431	74.000	39.871	PK

Profile: Honeywell	Page No.: 193
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290by 802.11ac80	



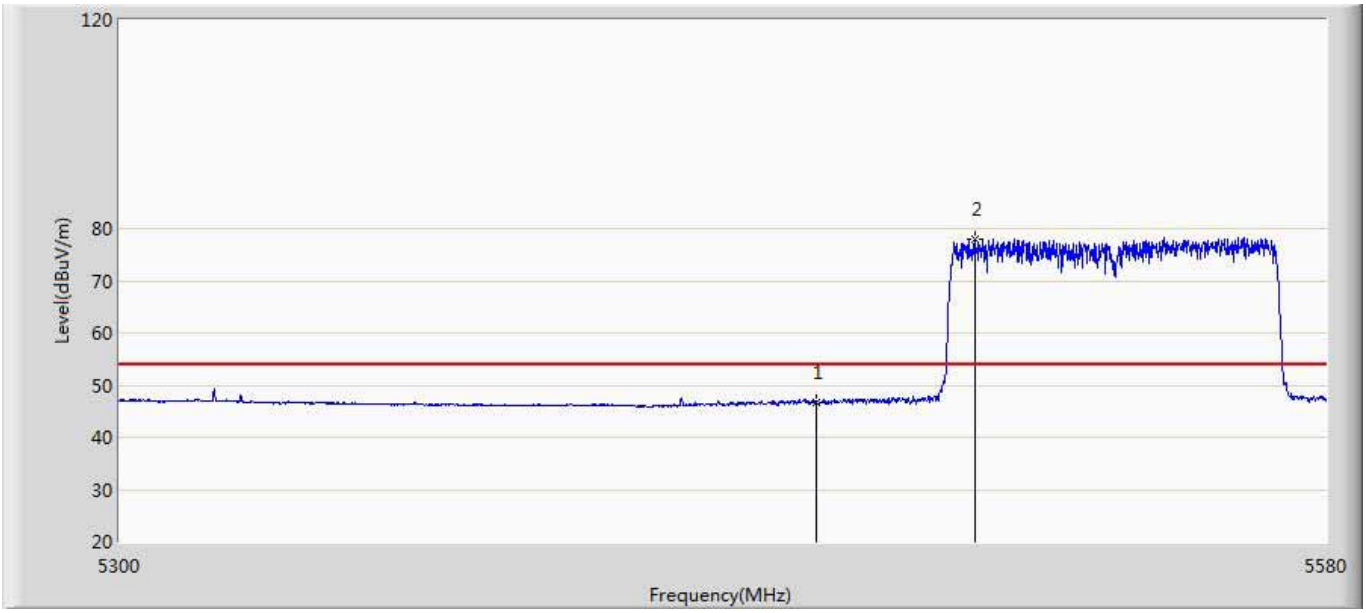
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.500	81.041	41.215	27.041	54.000	39.827	AV
2		5350.000	48.237	8.366	-5.763	54.000	39.871	AV

Profile: Honeywell	Page No.: 194
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290by 802.11ac80	



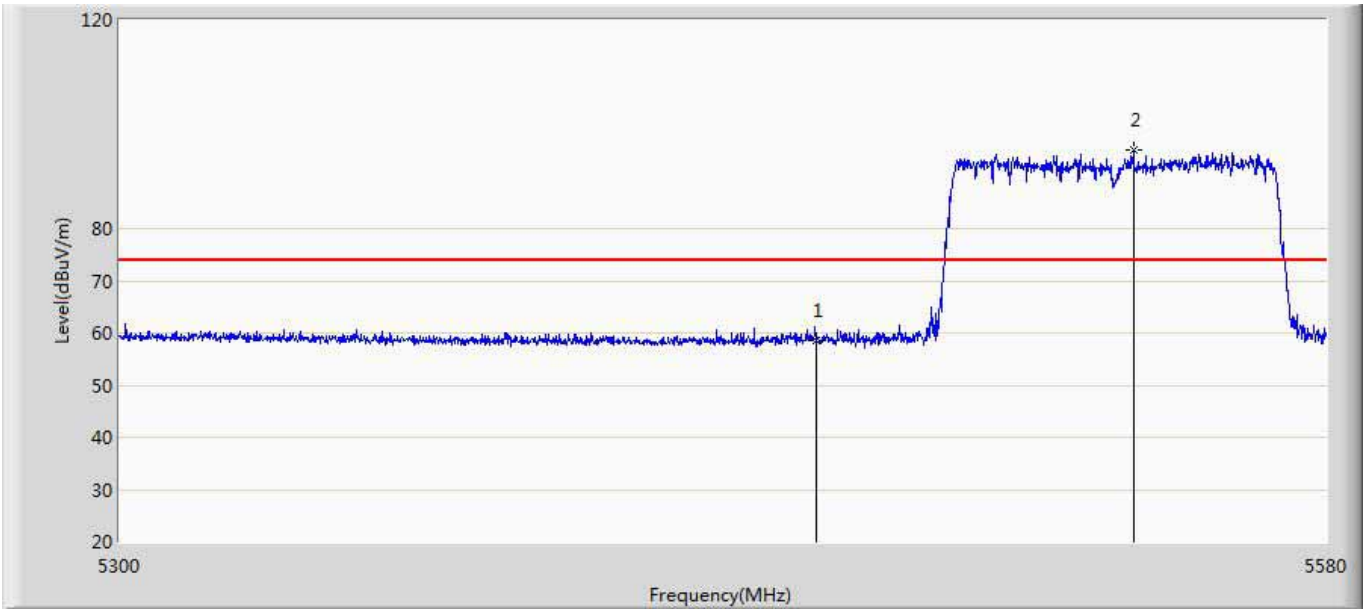
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5265.375	98.401	58.660	24.401	74.000	39.740	PK
2		5350.000	59.110	19.239	-14.890	74.000	39.871	PK

Profile: Honeywell	Page No.: 195
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530by 802.11ac80	



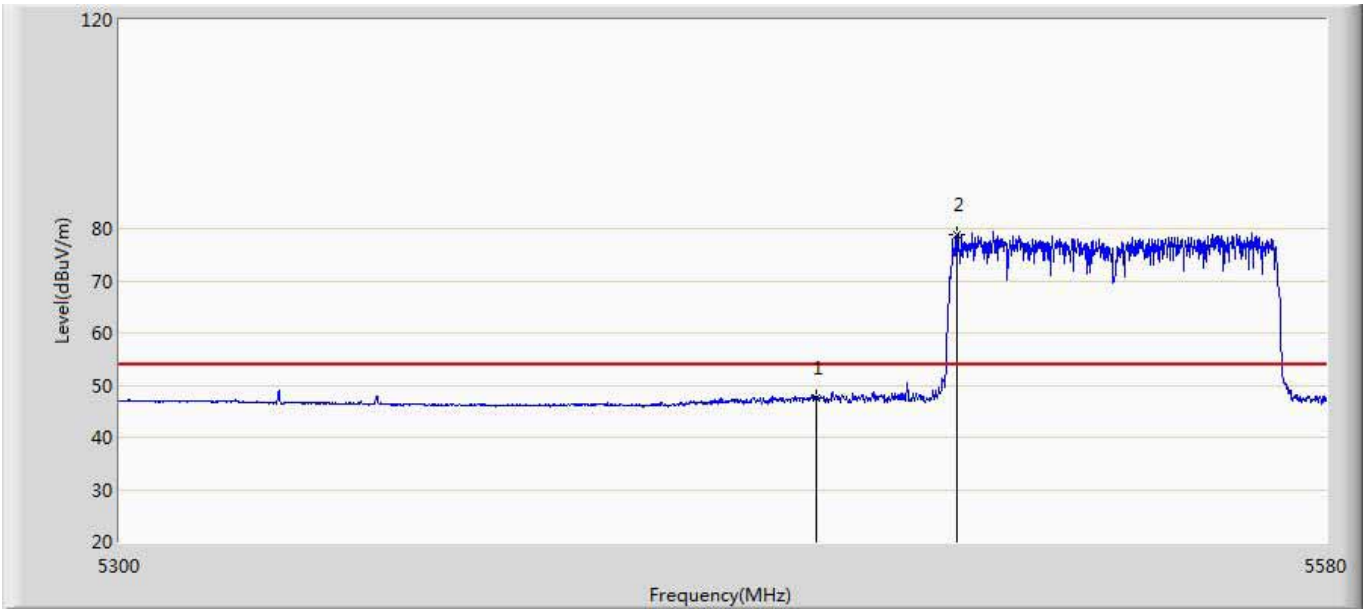
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.793	6.759	-7.207	54.000	40.034	AV
2	*	5496.980	77.941	37.807	23.941	54.000	40.134	AV

Profile: Honeywell	Page No.: 196
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530by 802.11ac80	



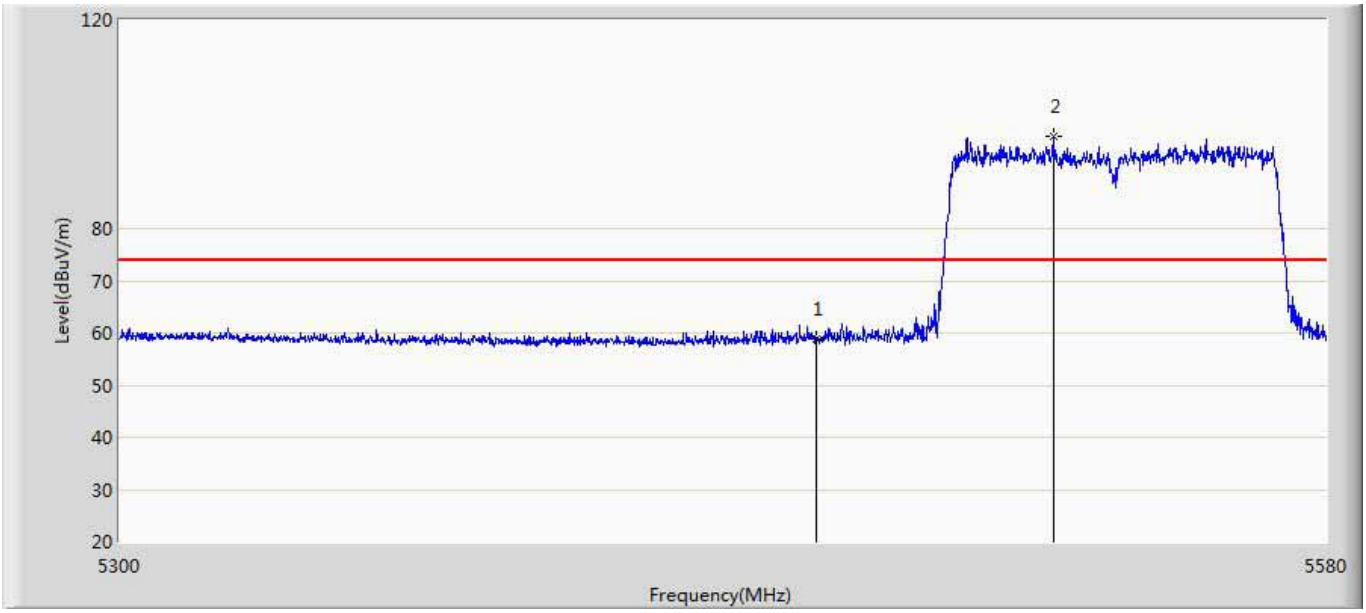
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.508	18.474	-15.492	74.000	40.034	PK
2	*	5534.360	94.961	54.696	20.961	74.000	40.264	PK

Profile: Honeywell	Page No.: 197
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530by 802.11ac80	



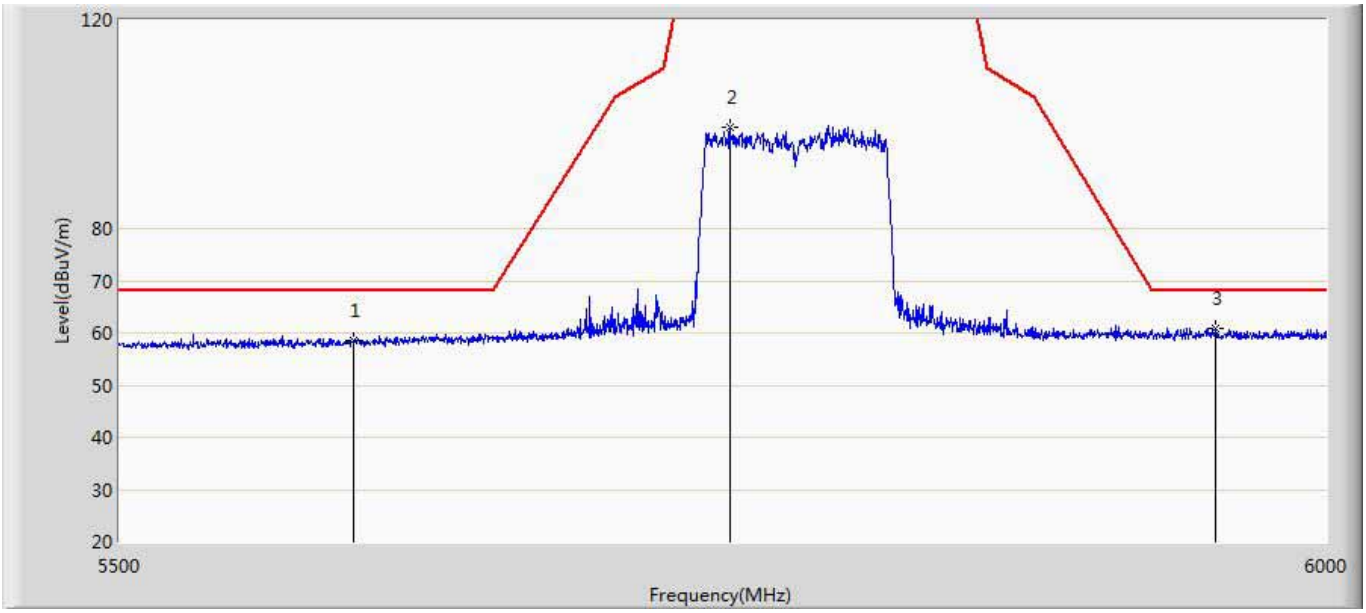
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.428	7.394	-6.572	54.000	40.034	AV
2	*	5492.780	78.919	38.773	24.919	54.000	40.146	AV

Profile: Honeywell	Page No.: 198
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530by 802.11ac80	



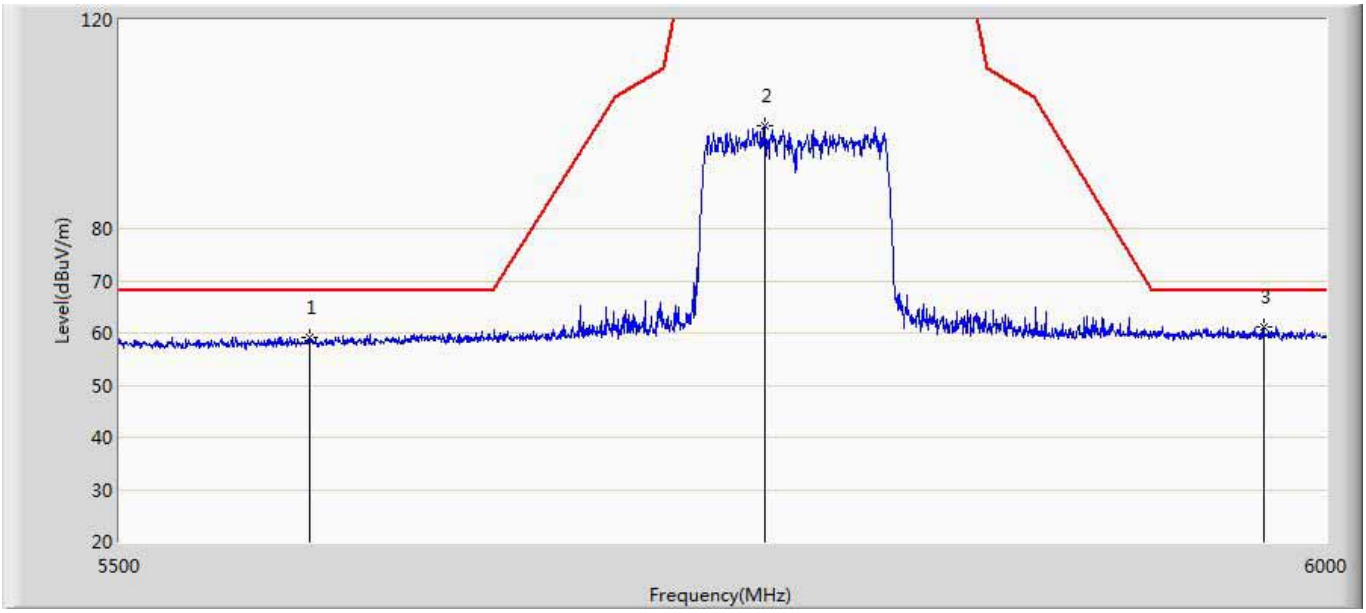
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.966	18.932	-15.034	74.000	40.034	PK
2	*	5515.460	97.581	57.458	23.581	74.000	40.123	PK

Profile: Honeywell	Page No.: 199
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 23:02
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5593.750	58.691	18.357	-9.509	68.200	40.333	PK
2		5747.750	99.425	58.832	-22.775	122.200	40.593	PK
3	*	5952.750	60.912	19.879	-7.288	68.200	41.033	PK

Profile: Honeywell	Page No.: 200
Engineer: Pawn	
Site: AC5	Time: 2018/03/30 - 23:03
Limit: FCC_15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Barcode Scanner	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775by 802.11ac80	



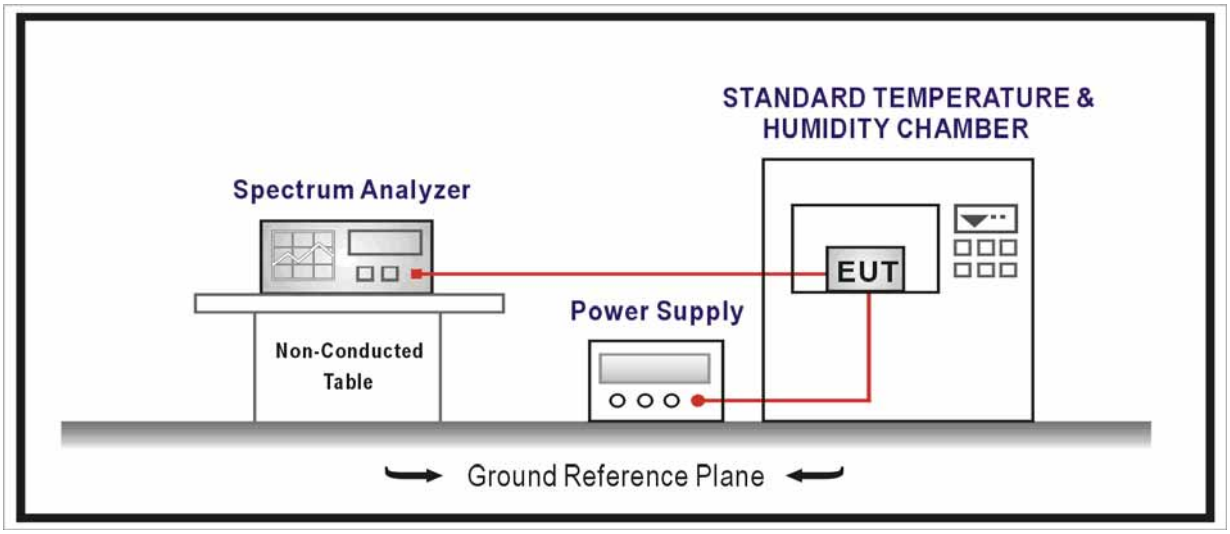
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5576.000	59.118	18.835	-9.082	68.200	40.282	PK
2		5762.000	99.700	59.076	-22.500	122.200	40.624	PK
3	*	5973.000	61.262	20.237	-6.938	68.200	41.024	PK

10. Frequency Stability

10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	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
AC Power Supply	IDRC	CF-500TP	979422	2017.09.16	2018.09.15
DC Power Supply	IDRC	CD-035-020PR	977272	2017.09.16	2018.09.15
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2018.01.04	2019.01.03
Temperature/Humidity Meter	zhichen	ZC1-2	TR7-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.					

10.2. Test Setup



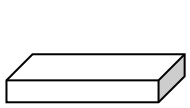
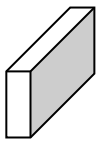
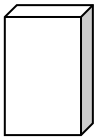
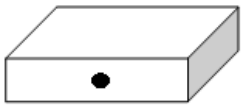
10.3. Limit

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

10.4. Test Procedure

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

10.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Frequency Stability</td></tr>
<tr><td rowspan="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</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="13">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☒</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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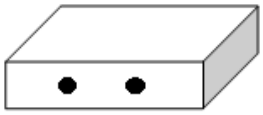
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

10.6. Test Result

Product Name	:	Barcode Scanner	Power	:	AC 120V/60Hz
Test Mode	:	Carrier Wave	Test Site	:	TR8
Test Date	:	2018.3.20	Test Engineer	:	Tommy

Frequency Stability under Temperature at 0min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (ppm)
-30	5220.000	77	±20
-20	5220.000	212	±20
-10	5220.000	131	±20
0	5220.000	-11	±20
10	5220.000	25	±20
20	5220.000	-76	±20
30	5220.000	-83	±20
40	5220.000	42	±20
50	5220.000	-11	±20

Frequency Stability under Temperature at 2min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (ppm)
-30	5220.000	-212	±20
-20	5220.000	-159	±20
-10	5220.000	-43	±20
0	5220.000	89	±20
10	5220.000	-98	±20
20	5220.000	-125	±20
30	5220.000	98	±20
40	5220.000	-93	±20
50	5220.000	-102	±20

Frequency Stability under Temperature at 5min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (ppm)
-30	5220.000	-131	±20
-20	5220.000	-125	±20
-10	5220.000	101	±20
0	5220.000	-89	±20
10	5220.000	105	±20
20	5220.000	173	±20
30	5220.000	152	±20
40	5220.000	-102	±20
50	5220.000	-99	±20

Frequency Stability under Temperature at 10min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (ppm)
-30	5220.000	121	±20
-20	5220.000	102	±20
-10	5220.000	88	±20
0	5220.000	98	±20
10	5220.000	-108	±20
20	5220.000	142	±20
30	5220.000	-132	±20
40	5220.000	111	±20
50	5220.000	-102	±20

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (ppm)
102	5220.000	112	±20
120	5220.000	-108	±20
138	5220.000	157	±20

The End