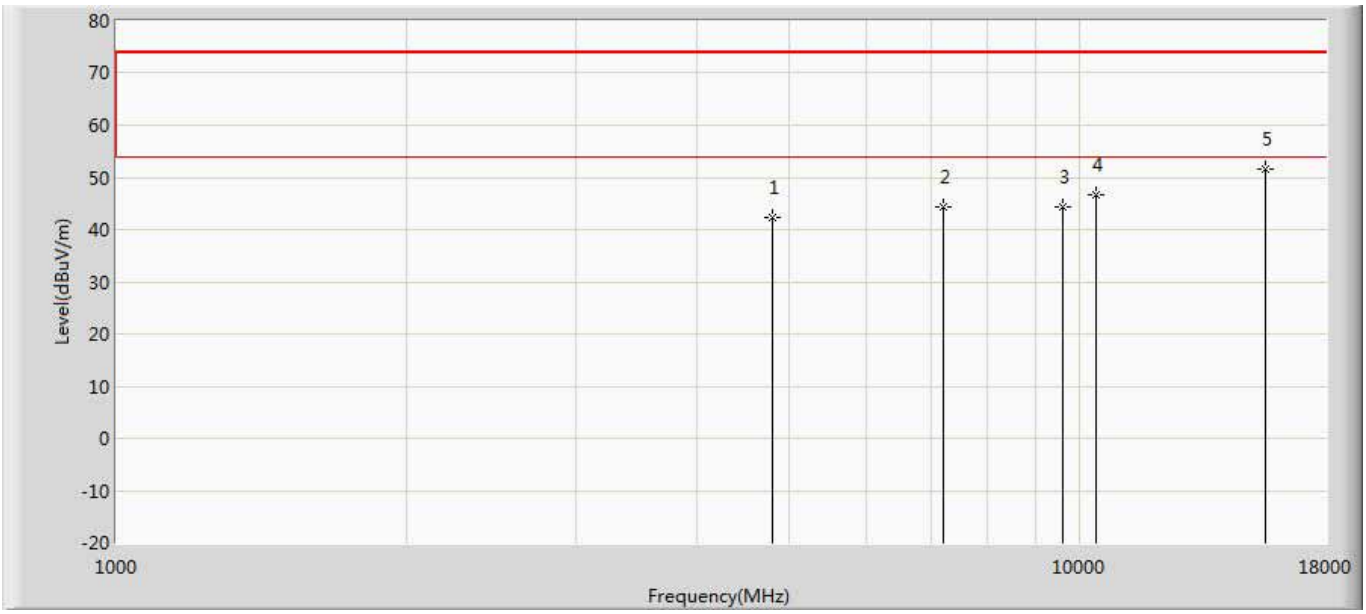
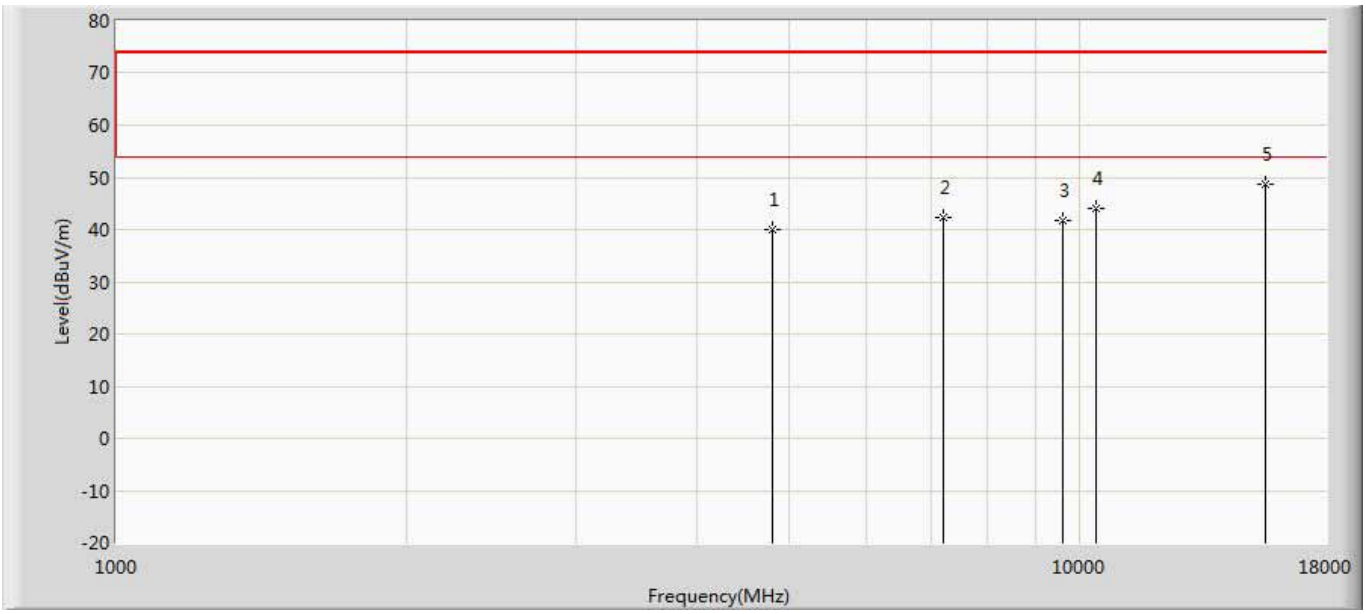
The worst case of Simultaneous Radiated Emission:

Engineer: Slark	
Site: AC5	Time: 2017/11/22 - 10:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Transmit at 5190MHz by 802.11n(40MHz) + BT	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.265	42.784	-31.735	74.000	-0.519	PK
2		7206.000	44.213	40.197	-29.787	74.000	4.016	PK
3		9608.000	44.370	38.552	-29.630	74.000	5.817	PK
4		10380.000	46.643	39.448	-27.357	74.000	7.195	PK
5	*	15570.000	51.612	35.656	-22.388	74.000	15.956	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/22 - 10:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Transmit at 5190MHz by 802.11n(40MHz) + BT	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.998	40.517	-34.002	74.000	-0.519	PK
2		7206.000	42.212	38.196	-31.788	74.000	4.016	PK
3		9608.000	41.856	36.038	-32.144	74.000	5.817	PK
4		10380.000	44.180	36.985	-29.820	74.000	7.195	PK
5	*	15570.000	48.823	32.867	-25.177	74.000	15.956	PK

Note:

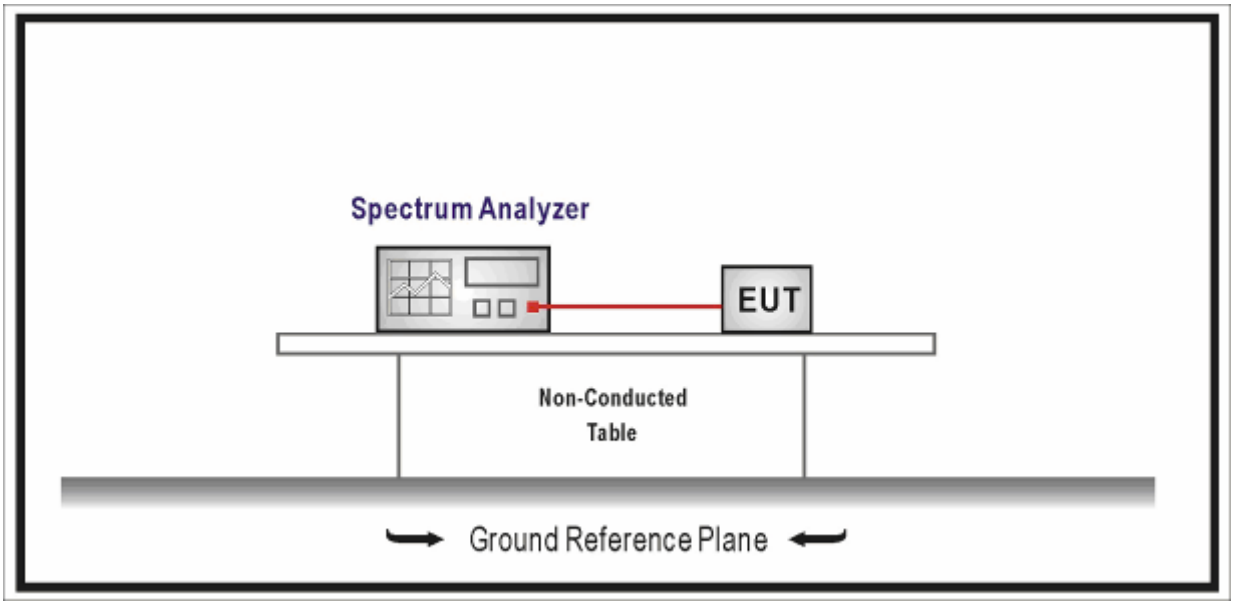
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit,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

5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

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

5.2. Test Setup



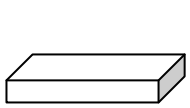
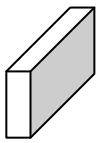
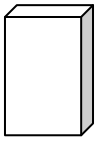
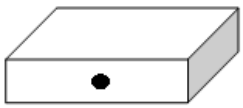
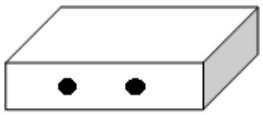
5.3. Limit

N/A

5.4. Test Procedure

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

5.5. EUT test Axis definition

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

5.6. Test Result

Product Name	:	Virtual Reality System	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2017.10.20	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	23.92	16.428	5171.786	Pass
40	5220	23.49	16.396	N/A	Pass
48	5240	20.57	16.380	5248.190	Pass
52	5260	23.60	16.406	N/A	Pass
60	5300	21.56	16.354	N/A	Pass
64	5320	22.37	16.373	N/A	Pass
100	5500	22.42	16.368	N/A	Pass
116	5580	24.22	16.410	N/A	Pass
140	5700	22.31	16.399	N/A	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	21.25	17.502	5171.249	Pass
40	5220	20.78	17.486	N/A	Pass
48	5240	20.84	17.480	5248.740	Pass
52	5260	21.01	17.522	N/A	Pass
60	5300	21.28	17.492	N/A	Pass
64	5320	20.65	17.486	N/A	Pass
100	5500	20.44	17.488	N/A	Pass
116	5580	21.09	17.443	N/A	Pass
140	5700	21.27	17.501	N/A	Pass

Mode 3: Transmit by 802.11n(40MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
38	5190	41.05	35.893	5172.054	Pass
46	5230	40.39	35.783	5247.892	Pass
54	5270	40.84	35.803	N/A	Pass
62	5310	40.73	35.834	N/A	Pass
102	5510	41.01	35.845	N/A	Pass
110	5550	41.00	35.823	N/A	Pass
134	5670	40.74	35.826	N/A	Pass

Mode 4: Transmit by 802.11ac(20MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
36	5180	21.23	17.494	5171.253	Pass
40	5220	21.42	17.486	N/A	Pass
48	5240	20.72	17.459	5248.730	Pass
52	5260	22.27	17.495	N/A	Pass
60	5300	20.58	17.474	N/A	Pass
64	5320	21.99	17.519	N/A	Pass
100	5500	20.60	17.482	N/A	Pass
116	5580	21.21	17.490	N/A	Pass
140	5700	20.95	17.490	N/A	Pass

Mode 5: Transmit by 802.11ac(40MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
38	5190	40.28	35.804	5172.098	Pass
46	5230	40.96	35.780	5247.890	Pass
54	5270	40.37	35.860	N/A	Pass
62	5310	40.72	35.830	N/A	Pass
102	5510	41.13	35.876	N/A	Pass
110	5550	41.00	35.879	N/A	Pass
134	5670	41.18	35.885	N/A	Pass

Mode 6: Transmit by 802.11ac(80MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
		Ant1(Worst Data)	Ant1(Worst Data)	Ant1(Worst Data)	
42	5210	82.98	74.953	5172.524/5247.477	Pass
58	5290	82.35	75.194	N/A	Pass
106	5530	81.95	75.175	N/A	Pass

The worst case of Occupied Bandwidth as below:

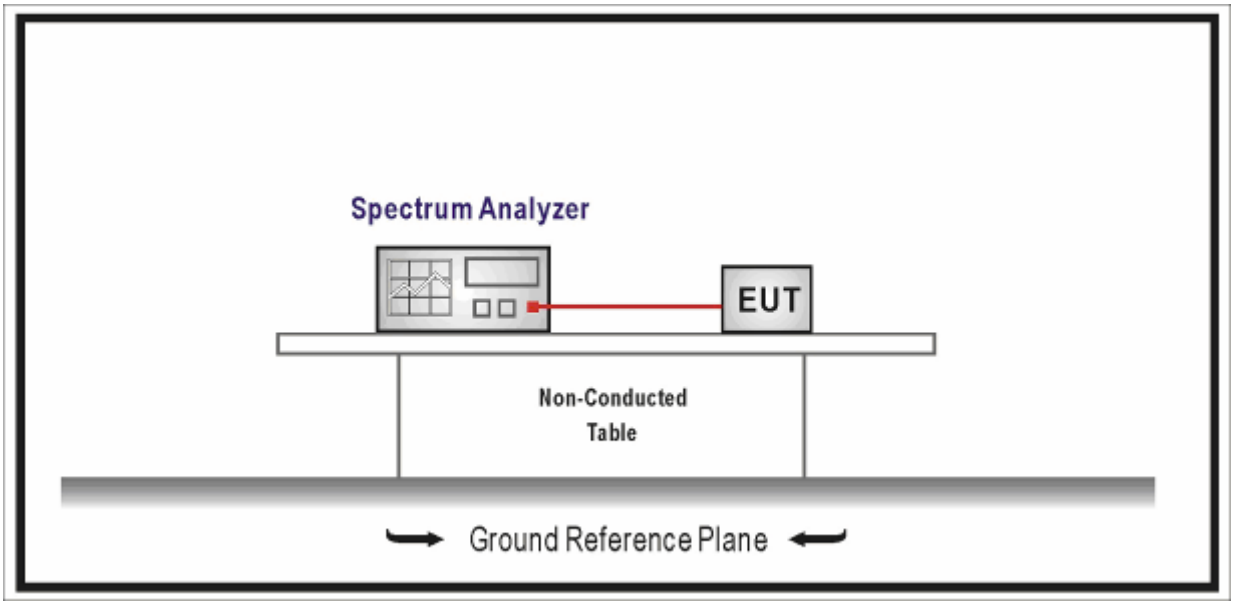
Mode 1: CH48 (5240MHz)

6. 6dB bandwidth

6.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
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



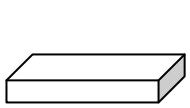
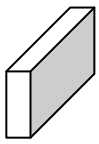
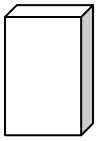
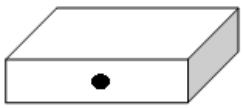
6.3. Limit

>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="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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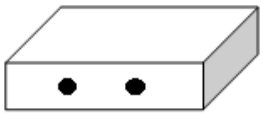
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3"> </td></tr>
</table>

6.6. Test Result

Product Name	:	Virtual Reality System	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2017.10.20	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	15.45	>500	Pass
157	5785	15.33		Pass
165	5825	16.33		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	15.43	>500	Pass
157	5785	15.43		Pass
165	5825	15.68		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
151	5755	34.48	>500	Pass
159	5795	32.35		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
149	5745	16.87	>500	Pass
157	5785	17.25		Pass
165	5825	16.54		Pass

Mode 5: Transmit by 802.11ac(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
151	5755	32.22	>500	Pass
159	5795	32.97		Pass

Mode 6: Transmit by 802.11ac(80MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
		Ant1(Worst Data)		
155	5775	71.35	>500	Pass

The worst case of 6dB Bandwidth as below:

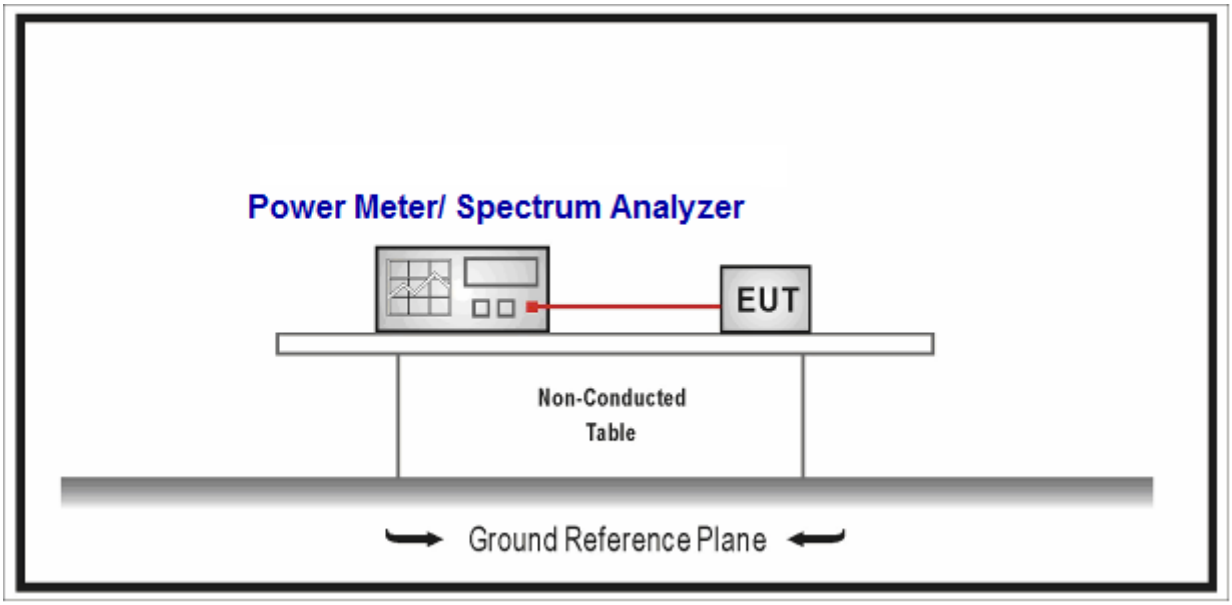
Mode 1: CH157 (5785MHz) Ant 1

7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.04	2018.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
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

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

7.5. EUT test Axis definition

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<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>
<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="14">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
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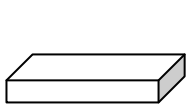
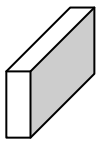
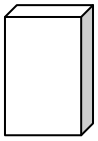
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
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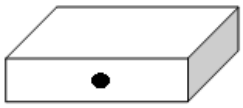
<tr><td></td><td colspan="3">  </td></tr>
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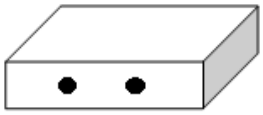
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3"> </td></tr>
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7.6. Test Result

Product Name	:	Virtual Reality System	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2017.10.20	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	16.37	16.33	19.36	24.0	Pass
CH44	5220	16.22	16.14	19.19	24.0	Pass
CH48	5240	16.24	15.92	19.09	24.0	Pass
CH52	5260	16.84	16.79	19.83	24.0	Pass
CH60	5300	16.75	16.45	19.61	24.0	Pass
CH64	5320	16.52	16.34	19.44	24.0	Pass
CH100	5500	18.48	18.04	21.28	24.0	Pass
CH116	5580	18.81	18.52	21.68	24.0	Pass
CH140	5700	18.82	18.47	21.66	24.0	Pass
CH149	5745	18.26	18.23	21.26	30.0	Pass
CH157	5785	18.02	18.07	21.06	30.0	Pass
CH165	5825	18.64	18.76	21.71	30.0	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	16.57	16.51	19.55	24.0	Pass
CH44	5220	16.46	16.42	19.45	24.0	Pass
CH48	5240	16.28	16.25	19.28	24.0	Pass
CH52	5260	16.44	16.41	19.44	24.0	Pass
CH60	5300	16.42	16.14	19.29	24.0	Pass
CH64	5320	16.25	16.08	19.18	24.0	Pass
CH100	5500	16.53	16.23	19.39	24.0	Pass
CH116	5580	16.29	16.11	19.21	24.0	Pass
CH140	5700	16.10	15.97	19.05	24.0	Pass
CH149	5745	18.15	18.18	21.18	30.0	Pass
CH157	5785	18.38	18.34	21.37	30.0	Pass
CH165	5825	17.96	18.22	21.10	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz)						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	11.38	11.33	14.37	24.0	Pass
CH46	5230	11.31	11.15	14.24	24.0	Pass
CH54	5270	13.11	12.85	15.99	24.0	Pass
CH62	5310	12.91	12.66	15.80	24.0	Pass
CH102	5510	13.53	13.20	16.38	24.0	Pass
CH110	5550	13.53	13.13	16.34	24.0	Pass
CH134	5670	13.87	13.57	16.73	24.0	Pass
CH151	5755	17.99	17.89	20.95	30.0	Pass
CH159	5795	17.81	17.78	20.81	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz)						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	16.02	15.96	19.00	24.0	Pass
CH44	5220	15.93	15.89	18.92	24.0	Pass
CH48	5240	16.05	15.93	19.00	24.0	Pass
CH52	5260	16.37	16.32	19.36	24.0	Pass
CH60	5300	16.26	16.21	19.25	24.0	Pass
CH64	5320	16.21	16.04	19.14	24.0	Pass
CH100	5500	16.35	16.17	19.27	24.0	Pass
CH116	5580	16.76	16.54	19.66	24.0	Pass
CH140	5700	16.36	16.46	19.42	24.0	Pass
CH149	5745	18.33	18.29	21.32	30.0	Pass
CH157	5785	18.05	18.11	21.09	30.0	Pass
CH165	5825	18.01	18.13	21.08	30.0	Pass

Mode 5: Transmit by 802.11ac(40MHz)						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	12.35	12.43	15.40	24.0	Pass
CH46	5230	12.33	12.20	15.28	24.0	Pass
CH54	5270	14.04	13.97	17.02	24.0	Pass
CH62	5310	13.85	13.57	16.72	24.0	Pass
CH102	5510	13.41	13.25	16.34	24.0	Pass
CH110	5550	13.50	13.06	16.30	24.0	Pass
CH134	5670	13.77	13.53	16.66	24.0	Pass
CH151	5755	17.81	17.74	20.79	30.0	Pass
CH159	5795	17.53	17.59	20.57	30.0	Pass
Mode 6: Transmit by 802.11ac(80MHz)						
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH42	5210	10.30	10.18	13.25	24.0	Pass
CH58	5290	11.29	11.17	14.24	24.0	Pass
CH106	5530	12.78	12.13	15.48	24.0	Pass
CH155	5775	16.24	16.39	19.33	30.0	Pass

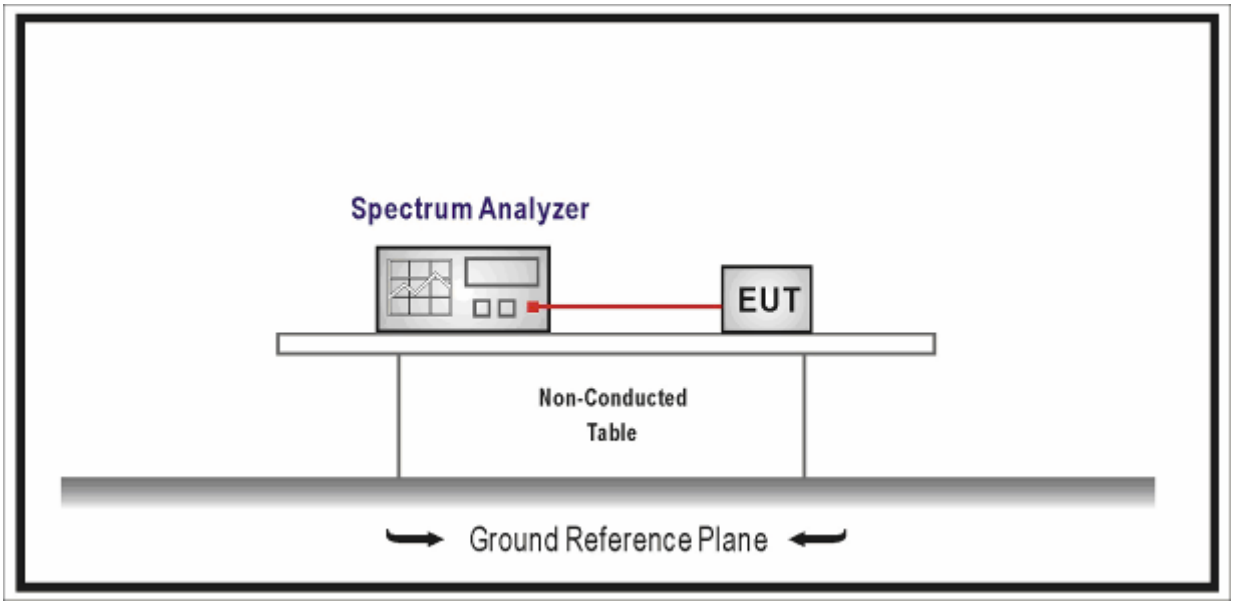
Note: The lowest 26dB bandwidth was used for calculate the power limit according to the formate(11+10*LogB). The level is 24.1dBm which is higher than 24dBm, so 24dbm was used for power limit.

8. Peak Power Spectral Density

8.1. Test Equipment

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

8.2. Test Setup



8.3. Limit

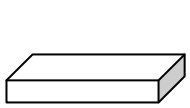
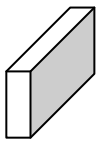
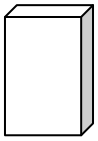
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, 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)

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

8.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="4">Device Category</td><td>☐</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use</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>
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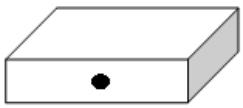
<tr><td></td><td colspan="3">  </td></tr>
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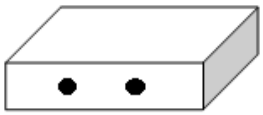
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3"> </td></tr>
</table>

8.6. Test Result

Product Name	:	Virtual Reality System	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~6	Test Site	:	TR8
Test Date	:	2017.10.20	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)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH36	5180	3.440	3.279	0.08	6.45	6.48	10.52	Pass
CH44	5220	3.163	3.244	0.08	6.29	6.48	10.52	Pass
CH48	5240	3.171	2.798	0.08	6.08	6.48	10.52	Pass
CH52	5260	3.640	3.897	0.08	6.86	6.48	10.52	Pass
CH60	5300	3.627	3.435	0.08	6.62	6.48	10.52	Pass
CH64	5320	3.516	3.458	0.08	6.58	6.48	10.52	Pass
CH100	5500	5.902	5.647	0.08	8.87	6.48	10.52	Pass
CH116	5580	6.315	6.179	0.08	9.34	6.48	10.52	Pass
CH140	5700	6.367	5.712	0.08	9.14	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH149	5745	3.836	3.550	0.08	6.79	6.48	29.52	Pass
CH157	5785	3.343	3.500	0.08	6.51	6.48	29.52	Pass
CH165	5825	3.516	3.394	0.08	6.55	6.48	29.52	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)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH36	5180	2.824	2.920	0.08	5.96	6.48	10.52	Pass
CH44	5220	2.988	2.926	0.08	6.05	6.48	10.52	Pass
CH48	5240	2.781	2.487	0.08	5.73	6.48	10.52	Pass
CH52	5260	3.269	3.277	0.08	6.36	6.48	10.52	Pass
CH60	5300	3.299	3.115	0.08	6.30	6.48	10.52	Pass
CH64	5320	3.239	3.093	0.08	6.26	6.48	10.52	Pass
CH100	5500	3.190	3.064	0.08	6.22	6.48	10.52	Pass
CH116	5580	3.852	3.417	0.08	6.73	6.48	10.52	Pass
CH140	5700	3.327	3.382	0.08	6.44	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH149	5745	2.147	2.041	0.08	5.18	6.48	29.52	Pass
CH157	5785	2.213	1.975	0.08	5.19	6.48	29.52	Pass
CH165	5825	2.116	2.112	0.08	5.20	6.48	29.52	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)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH38	5190	-4.807	-4.672	0.21	-1.52	6.48	10.52	Pass
CH46	5230	-4.782	-4.987	0.21	-1.66	6.48	10.52	Pass
CH54	5270	-3.280	-3.057	0.21	0.05	6.48	10.52	Pass
CH62	5310	-3.202	-3.530	0.21	-0.14	6.48	10.52	Pass
CH102	5510	-2.281	-2.627	0.21	0.77	6.48	10.52	Pass
CH110	5550	-2.228	-2.611	0.21	0.81	6.48	10.52	Pass
CH134	5670	-1.909	-2.043	0.21	1.24	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH151	5755	-1.169	-1.590	0.21	1.85	6.48	29.52	Pass
CH159	5795	-1.311	-1.041	0.21	2.05	6.48	29.52	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)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH36	5180	2.250	2.520	0.09	5.49	6.48	10.52	Pass
CH44	5220	2.534	2.403	0.09	5.57	6.48	10.52	Pass
CH48	5240	2.153	2.176	0.09	5.26	6.48	10.52	Pass
CH52	5260	3.622	3.159	0.09	6.50	6.48	10.52	Pass
CH60	5300	3.115	3.144	0.09	6.23	6.48	10.52	Pass
CH64	5320	3.245	3.166	0.09	6.31	6.48	10.52	Pass
CH100	5500	3.138	2.987	0.09	6.16	6.48	10.52	Pass
CH116	5580	3.740	3.412	0.09	6.68	6.48	10.52	Pass
CH140	5700	3.266	2.973	0.09	6.22	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH149	5745	2.689	2.131	0.09	5.52	6.48	29.52	Pass
CH157	5785	1.983	1.888	0.09	5.04	6.48	29.52	Pass
CH165	5825	2.134	2.173	0.09	5.25	6.48	29.52	Pass

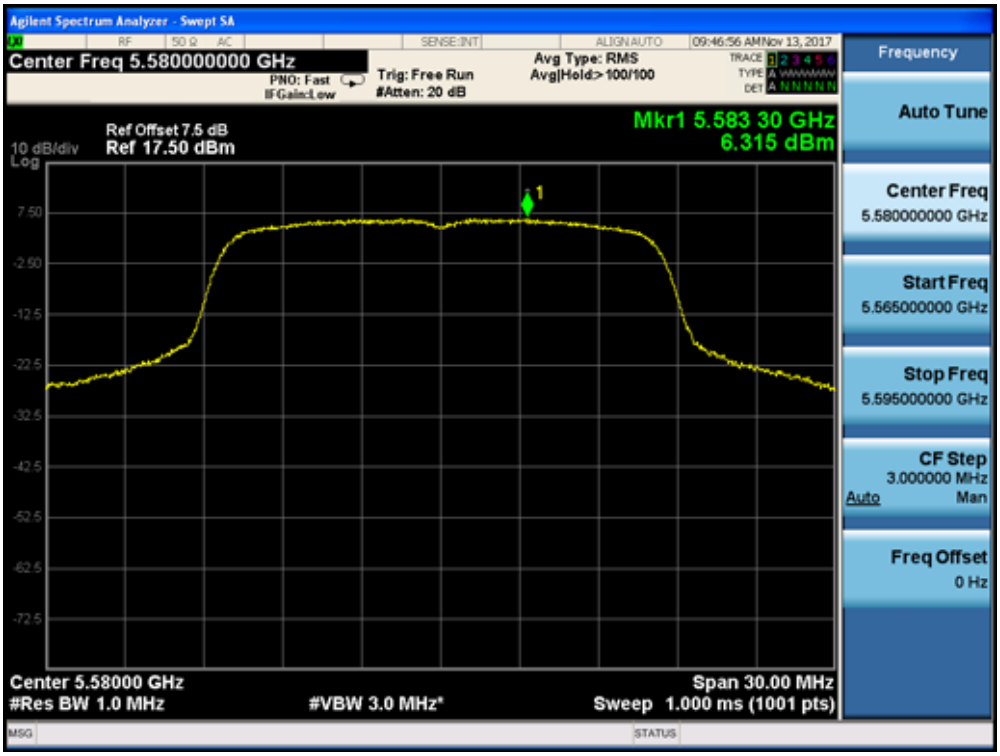
Mode 5: Transmit by 802.11ac(40MHz)								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH38	5190	-3.858	-3.959	0.21	-0.69	6.48	10.52	Pass
CH46	5230	-4.049	-3.958	0.21	-0.78	6.48	10.52	Pass
CH54	5270	-1.947	-2.166	0.21	1.17	6.48	10.52	Pass
CH62	5310	-2.390	-2.306	0.21	0.87	6.48	10.52	Pass
CH102	5510	-2.441	-2.761	0.21	0.62	6.48	10.52	Pass
CH110	5550	-2.288	-2.600	0.21	0.78	6.48	10.52	Pass
CH134	5670	-1.859	-2.378	0.21	1.11	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH151	5755	-1.408	-1.207	0.21	1.91	6.48	29.52	Pass
CH159	5795	-1.216	-1.361	0.21	1.93	6.48	29.52	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)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2					
CH42	5210	-9.525	-9.485	0.28	-6.21	6.48	10.52	Pass
CH58	5290	-7.640	-7.945	0.28	-4.50	6.48	10.52	Pass
CH106	5530	-6.980	-7.621	0.28	-4.00	6.48	10.52	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty Factor (dB)	Total Power Spectral Density (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2					
CH155	5775	-6.403	-6.026	0.28	-2.92	6.48	29.52	Pass

Note1: The PSD limit should be reduced if the directional gain is higher than 6dBi, the reduced value should be (directional gain - 6dB).

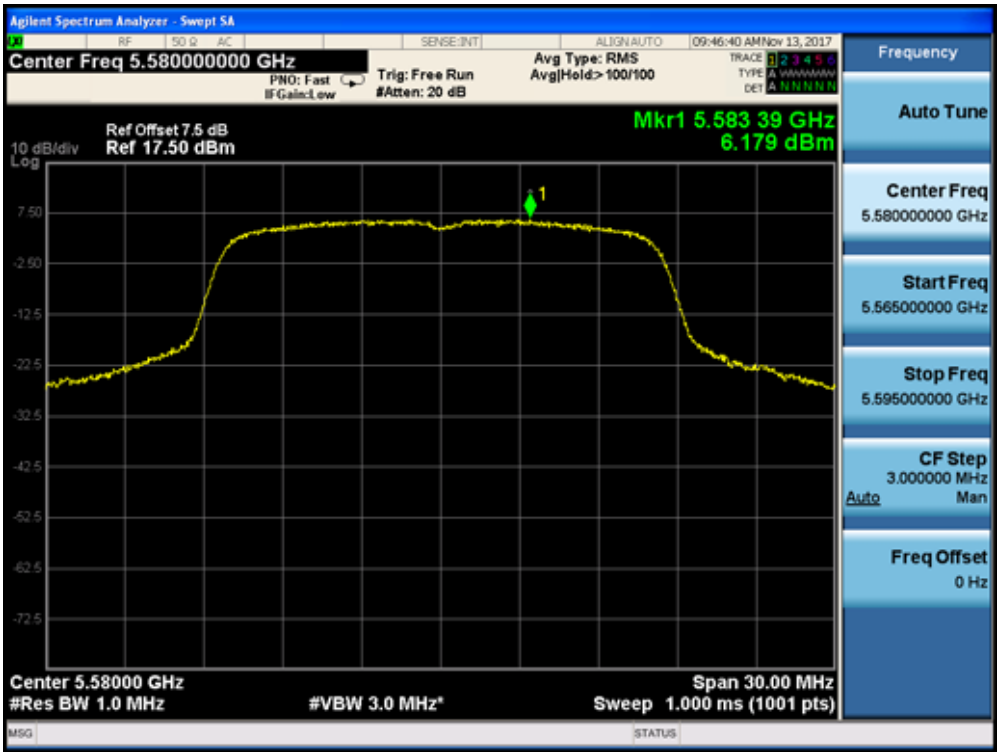
2: Total Power Spectral Density = Measurement Power Spectral Density + Duty Factor

The worst case of 6dB Bandwidth as below:

Mode 1 CH116 (5580MHz) Ant 1



Mode 1 CH116 (5580MHz) Ant 2

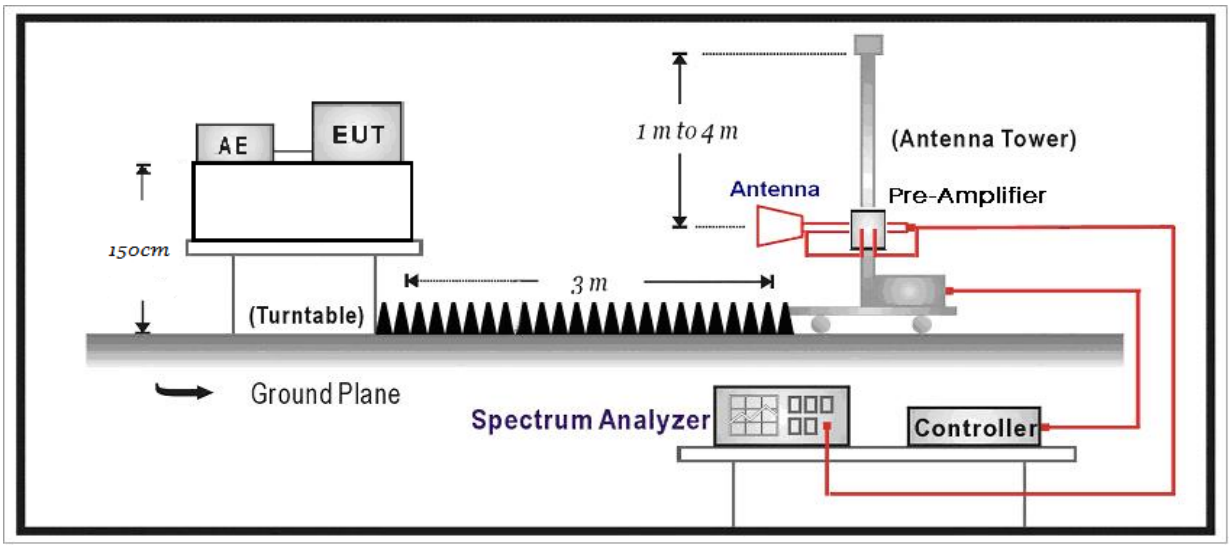


9. Radiated Emission Band Edge

9.1. Test Equipment

Radiated Emission Band Edge / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2017.07.16	2018.07.15
Pre-Amplifier	Miteq	NSP1800-25	1364185	2017.05.03	2018.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2017.07.12	2018.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2017.09.18	2018.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.02.28	2018.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.02.28	2018.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.05	2018.01.04
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

9.2. Test Setup



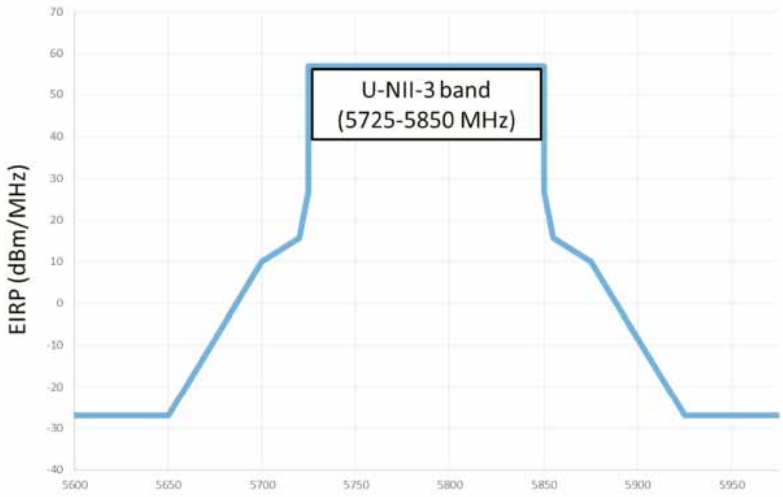
9.3. Limit

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).

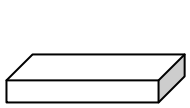
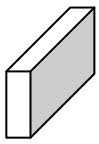
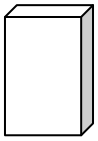
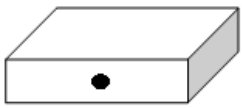
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	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>
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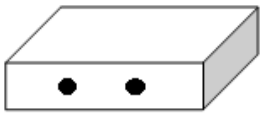
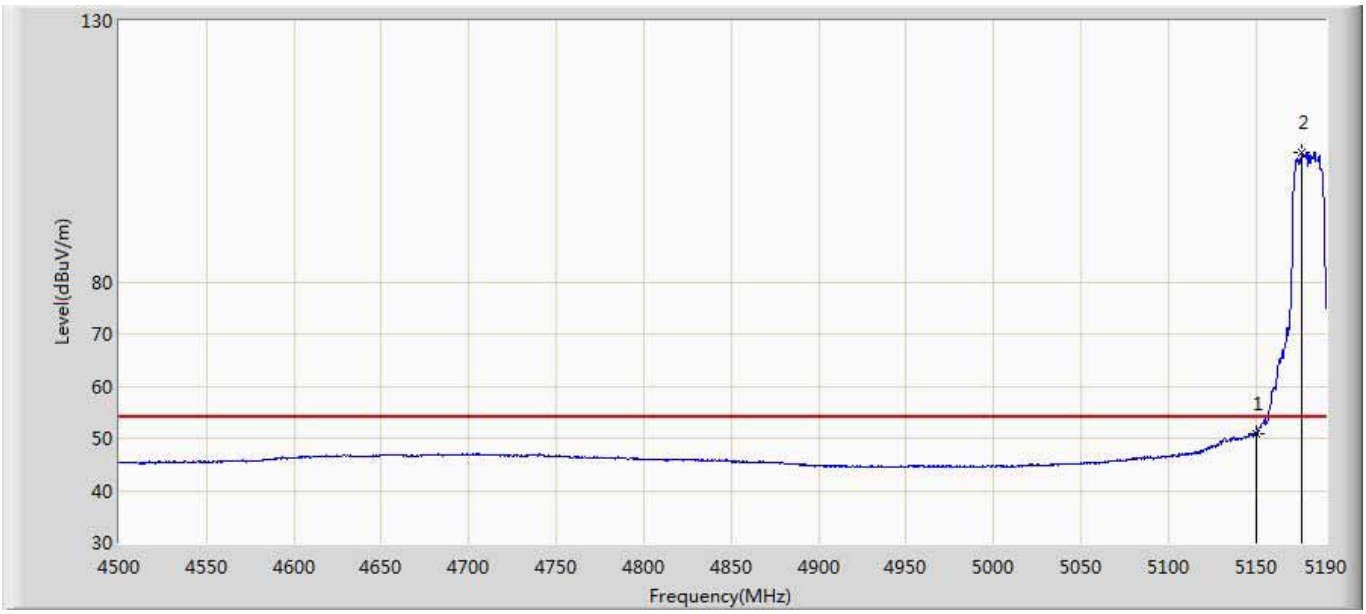
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3"> </td></tr>
</table>

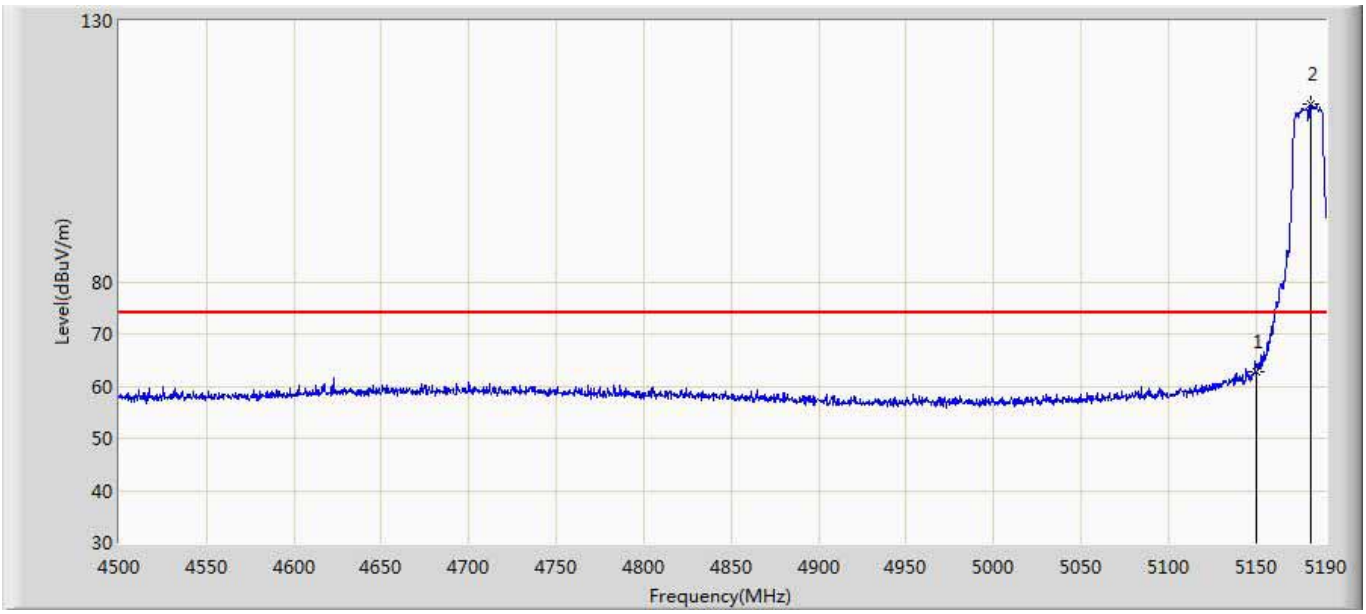
9.6. Test Result

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1: Transmit at 5180MHz by 802.11a	



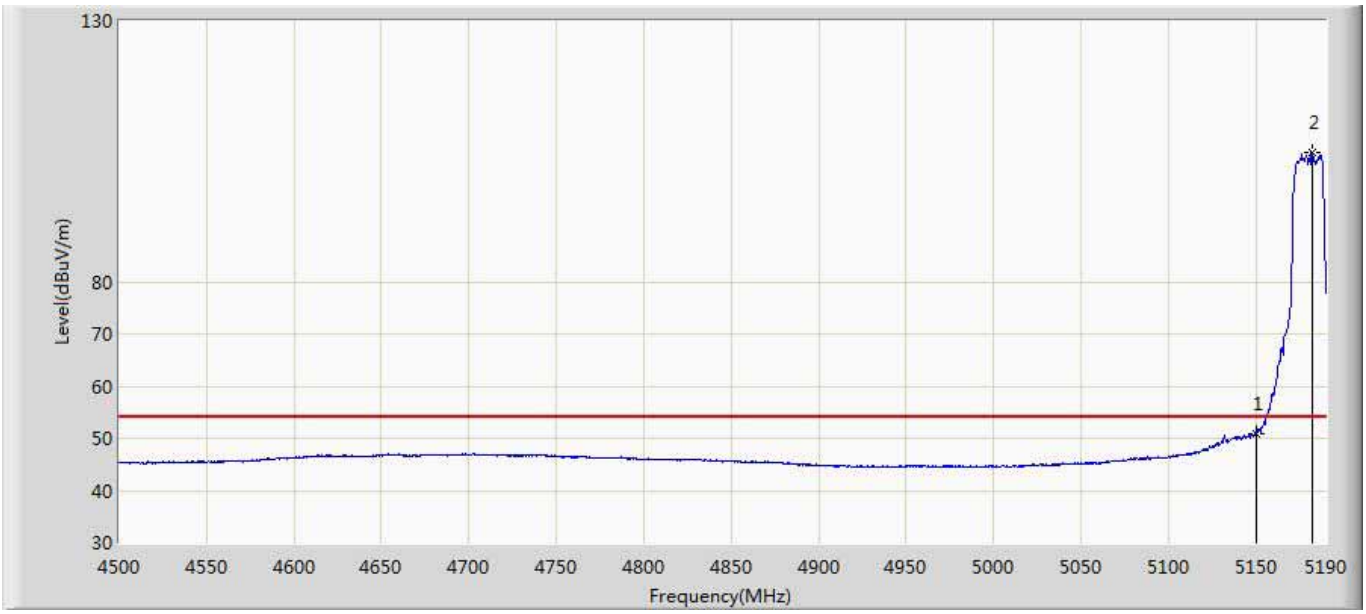
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.784	11.250	-3.216	54.000	39.534	AV
2	*	5176.545	104.779	65.183	50.779	54.000	39.597	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1: Transmit at 5180MHz by 802.11a	



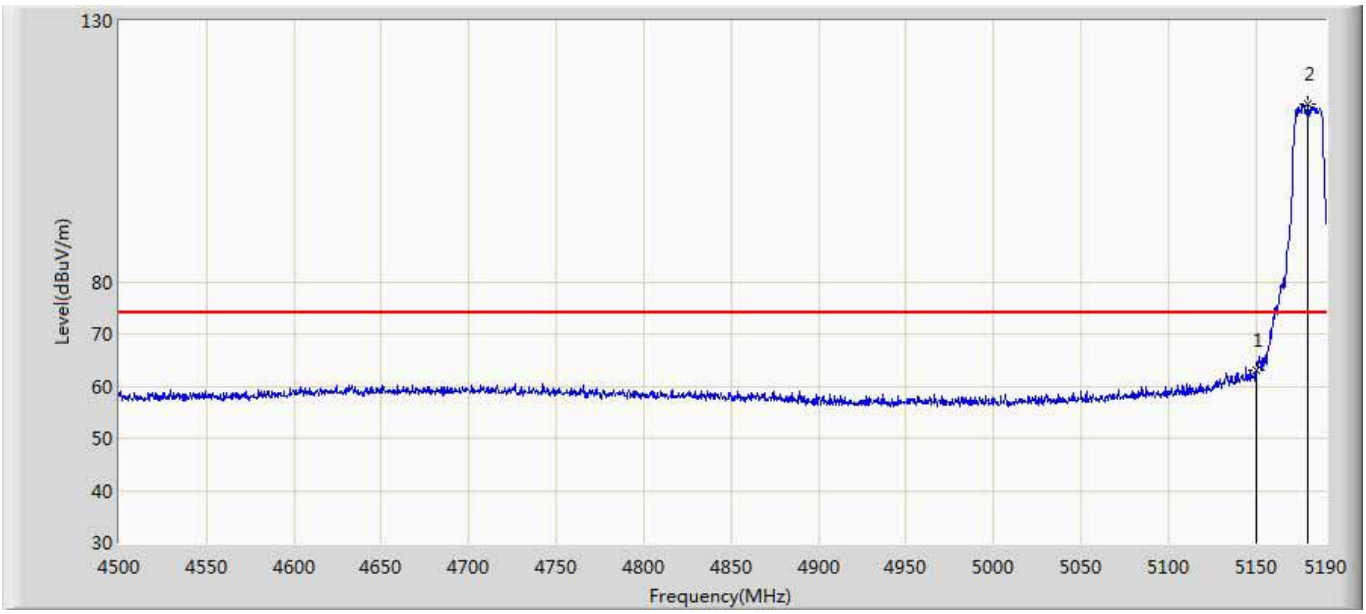
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.653	23.119	-11.347	74.000	39.534	PK
2	*	5181.720	113.914	74.358	39.914	74.000	39.556	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1: Transmit at 5180MHz by 802.11a	



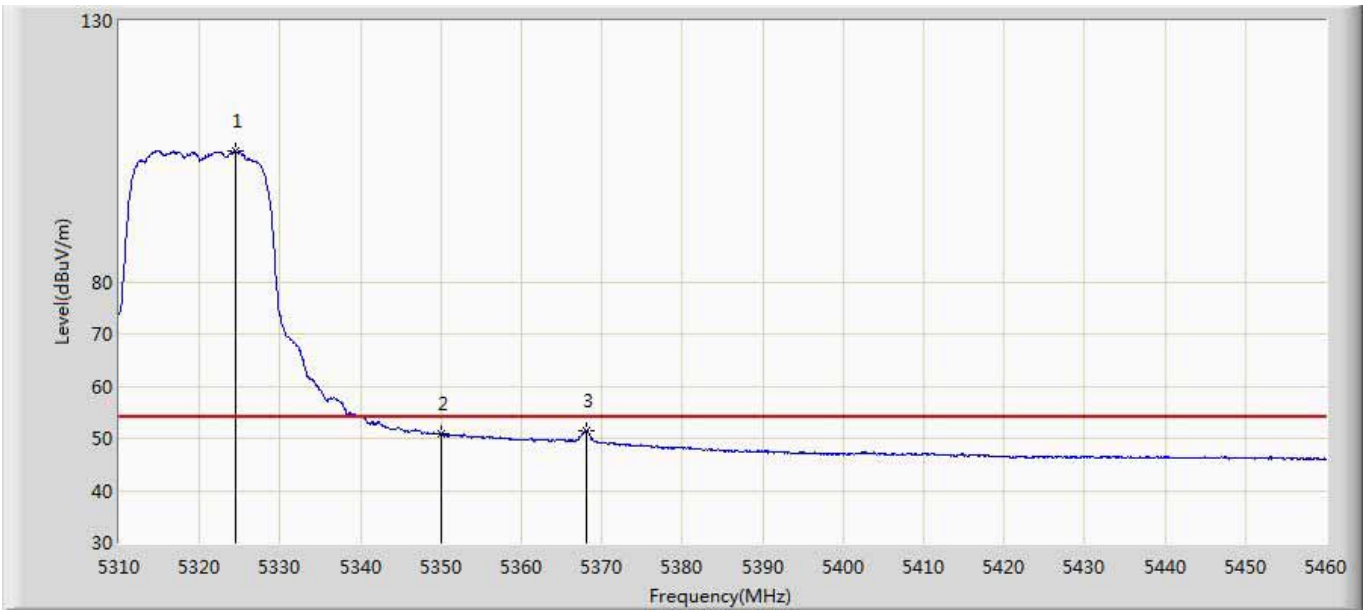
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.963	11.429	-3.037	54.000	39.534	AV
2	*	5182.065	104.743	65.189	50.743	54.000	39.554	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1: Transmit at 5180MHz by 802.11a	



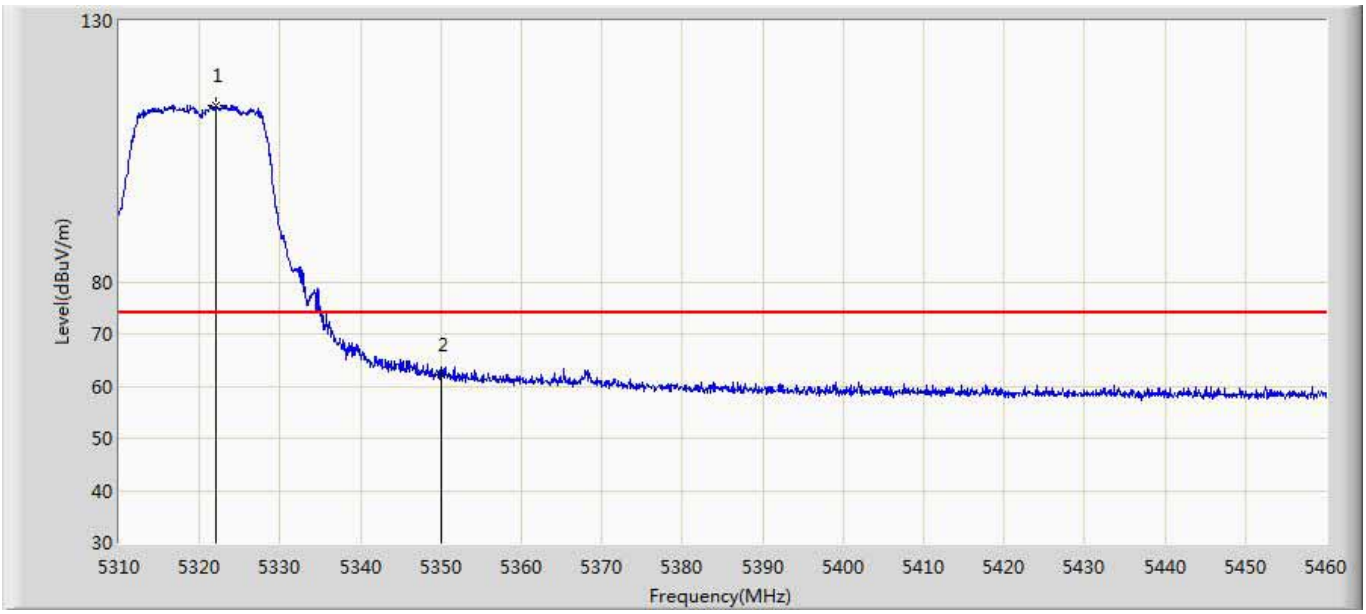
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.070	23.536	-10.930	74.000	39.534	PK
2	*	5179.305	113.968	74.393	39.968	74.000	39.574	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



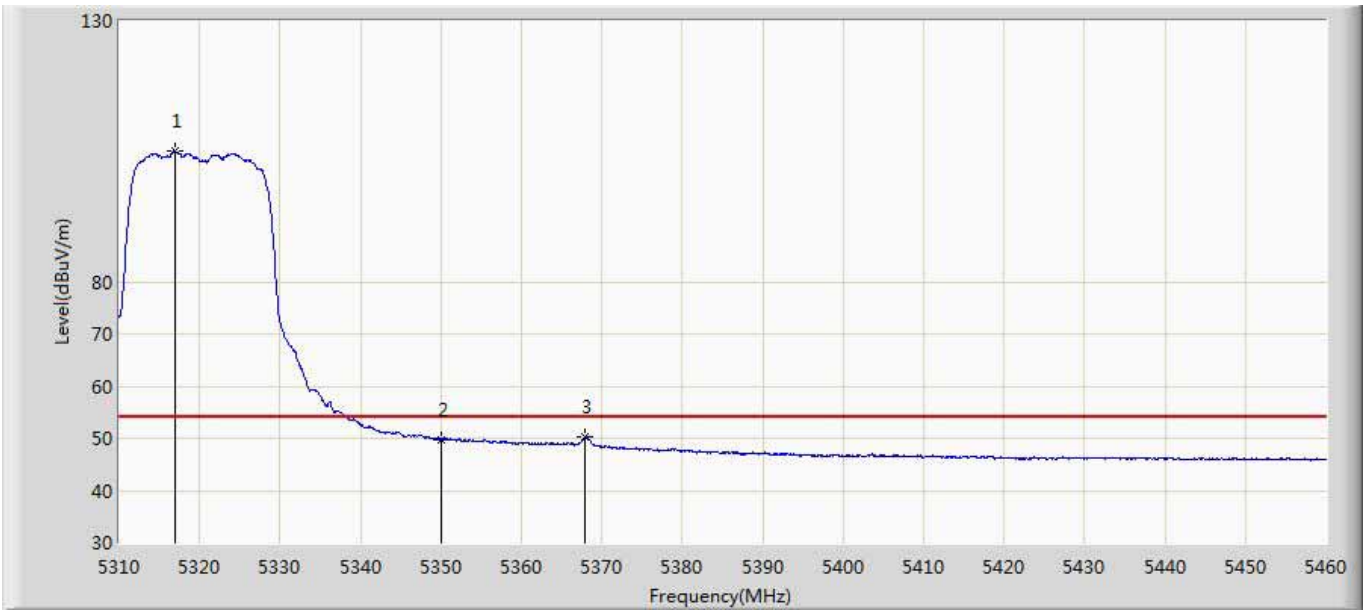
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.475	105.037	65.128	51.037	54.000	39.908	AV
2		5350.000	50.762	10.891	-3.238	54.000	39.871	AV
3		5368.125	50.939	11.042	-3.061	54.000	39.897	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



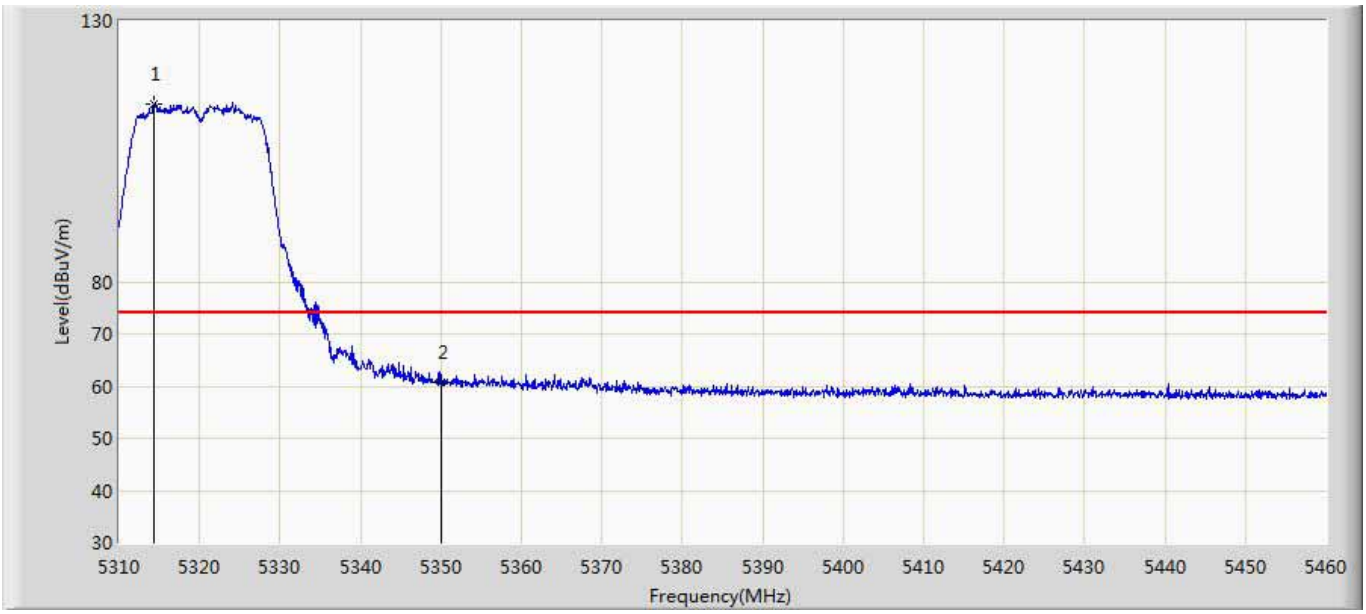
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.000	113.718	73.799	39.718	74.000	39.919	PK
2		5350.000	62.309	22.438	-11.691	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



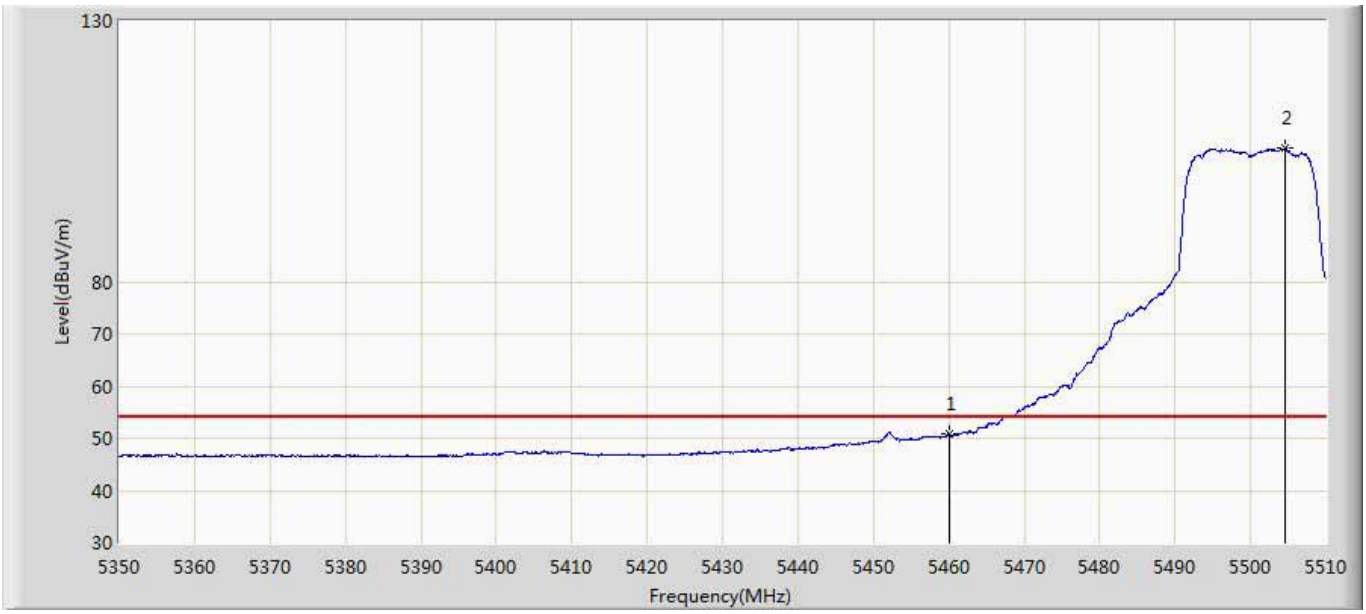
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.900	105.009	65.081	51.009	54.000	39.928	AV
2		5350.000	49.806	9.935	-4.194	54.000	39.871	AV
3		5367.975	50.392	10.495	-3.608	54.000	39.897	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



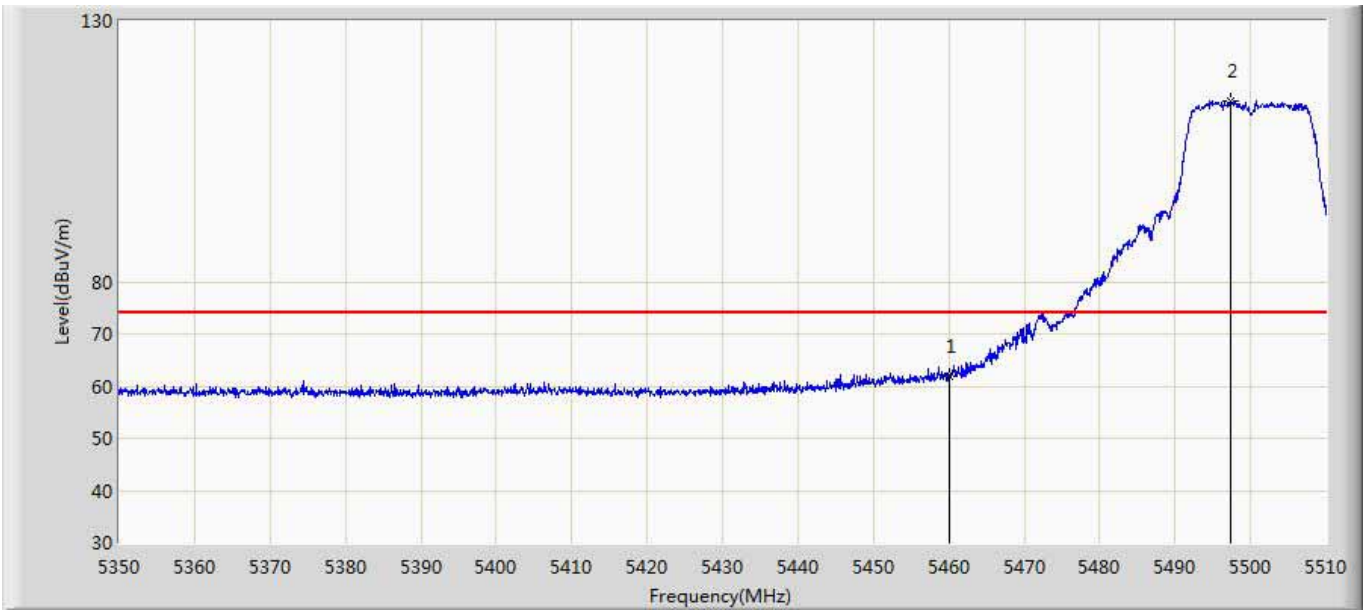
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5314.350	114.113	74.202	40.113	74.000	39.911	PK
2		5350.000	60.616	20.745	-13.384	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



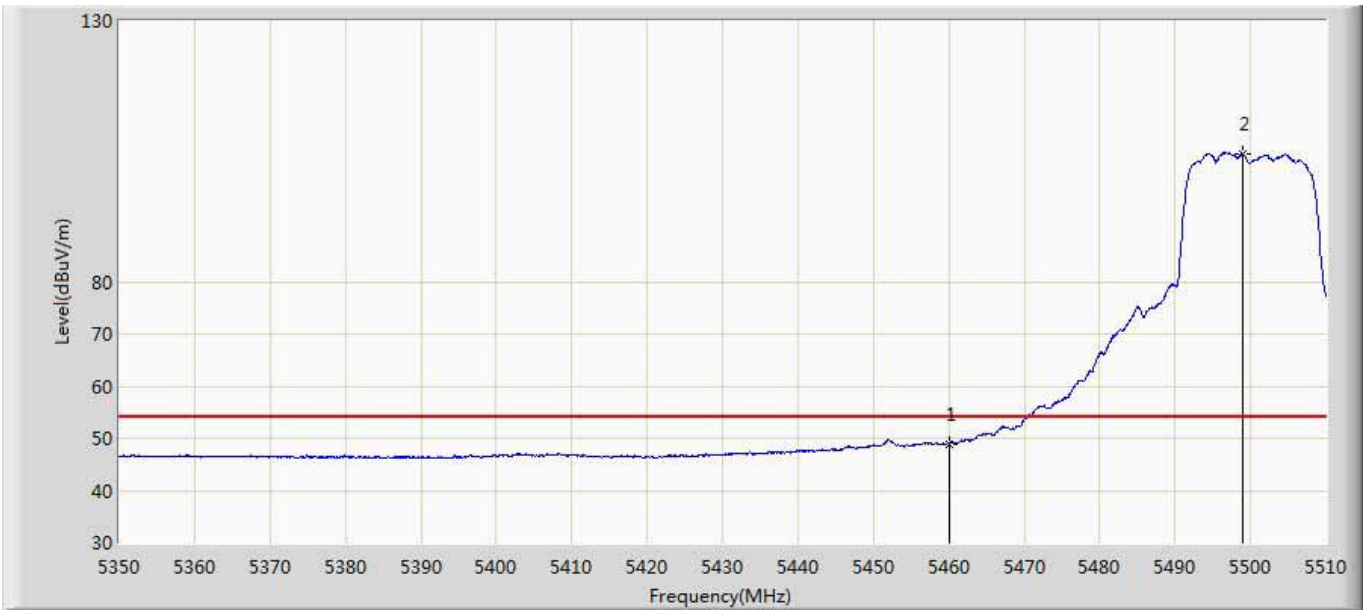
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	50.843	10.809	-3.157	54.000	40.034	AV
2	*	5504.640	105.631	65.519	51.631	54.000	40.112	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



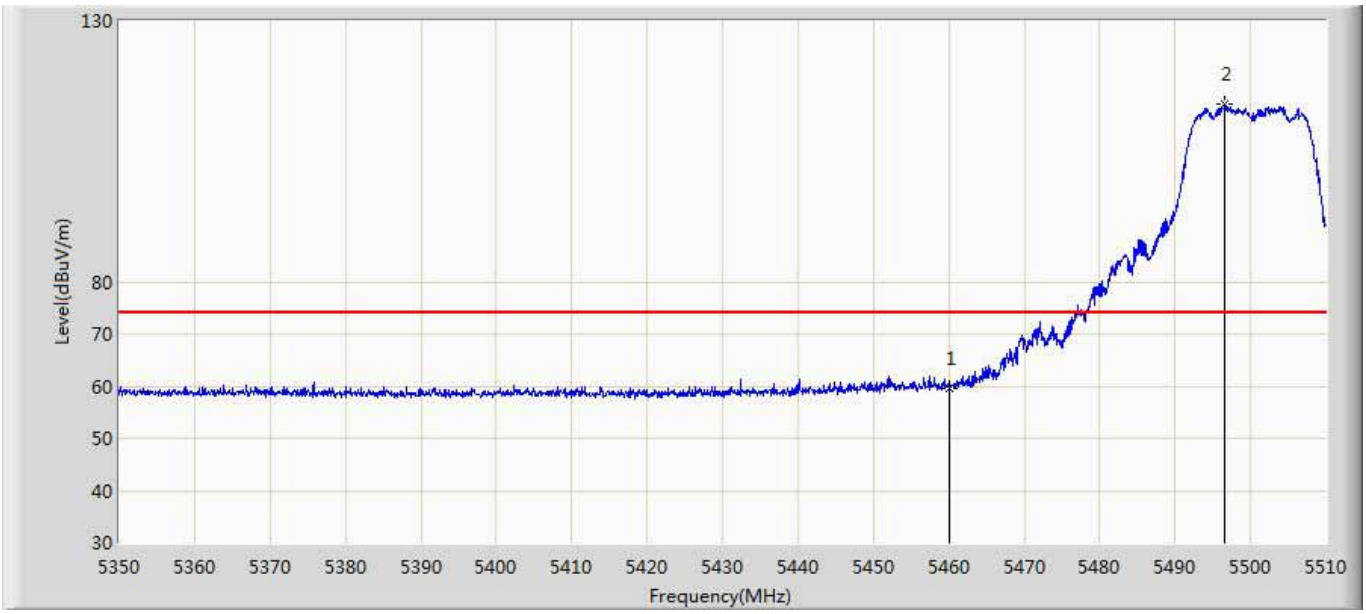
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	61.906	21.872	-12.094	74.000	40.034	PK
2	*	5497.440	114.768	74.635	40.768	74.000	40.133	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



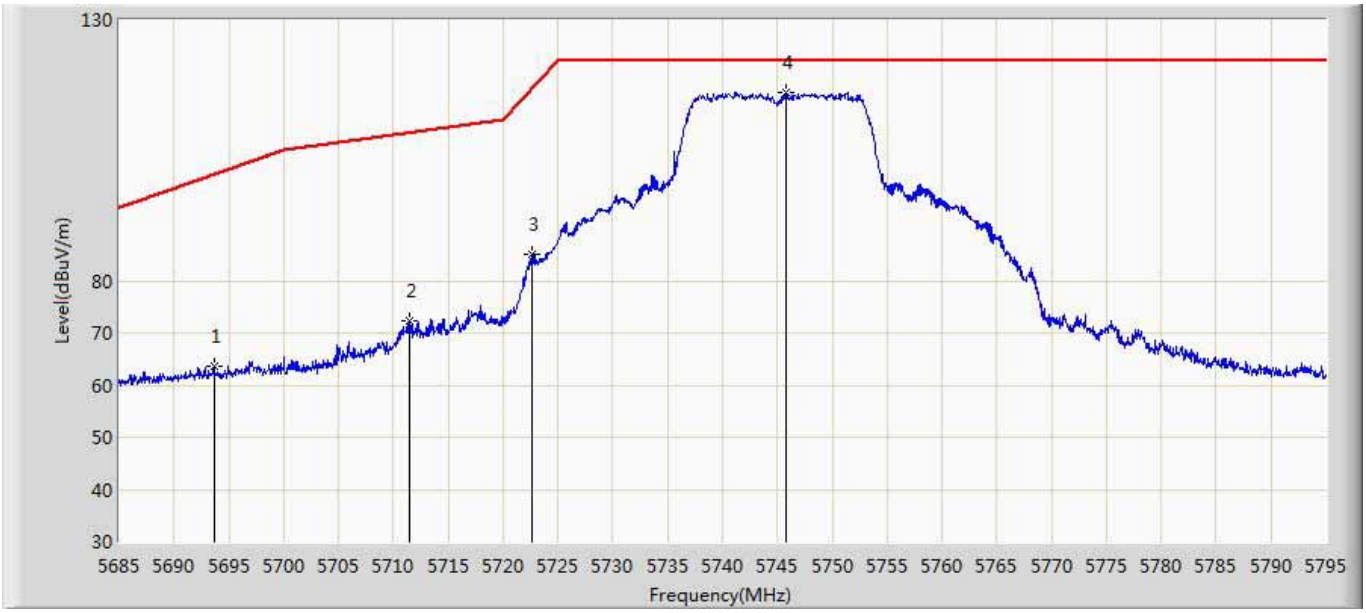
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	48.921	8.887	-5.079	54.000	40.034	AV
2	*	5498.880	104.416	64.288	50.416	54.000	40.128	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 19:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



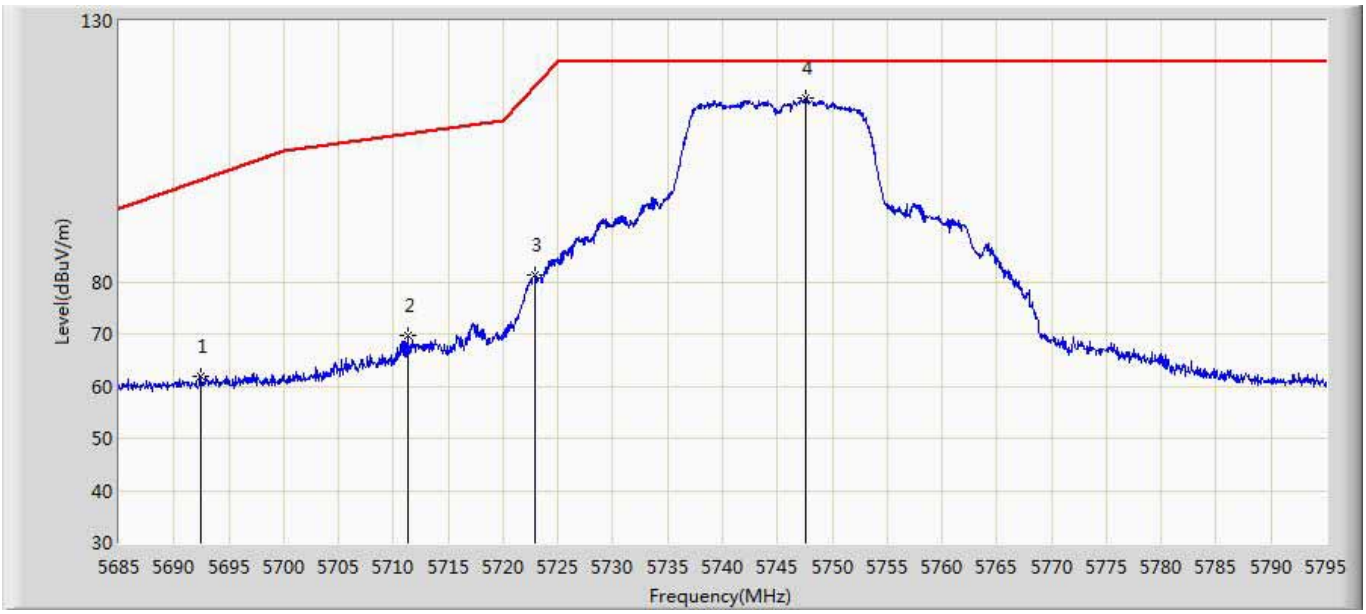
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.423	19.389	-14.577	74.000	40.034	PK
2	*	5496.560	113.937	73.802	39.937	74.000	40.136	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:55
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11a	



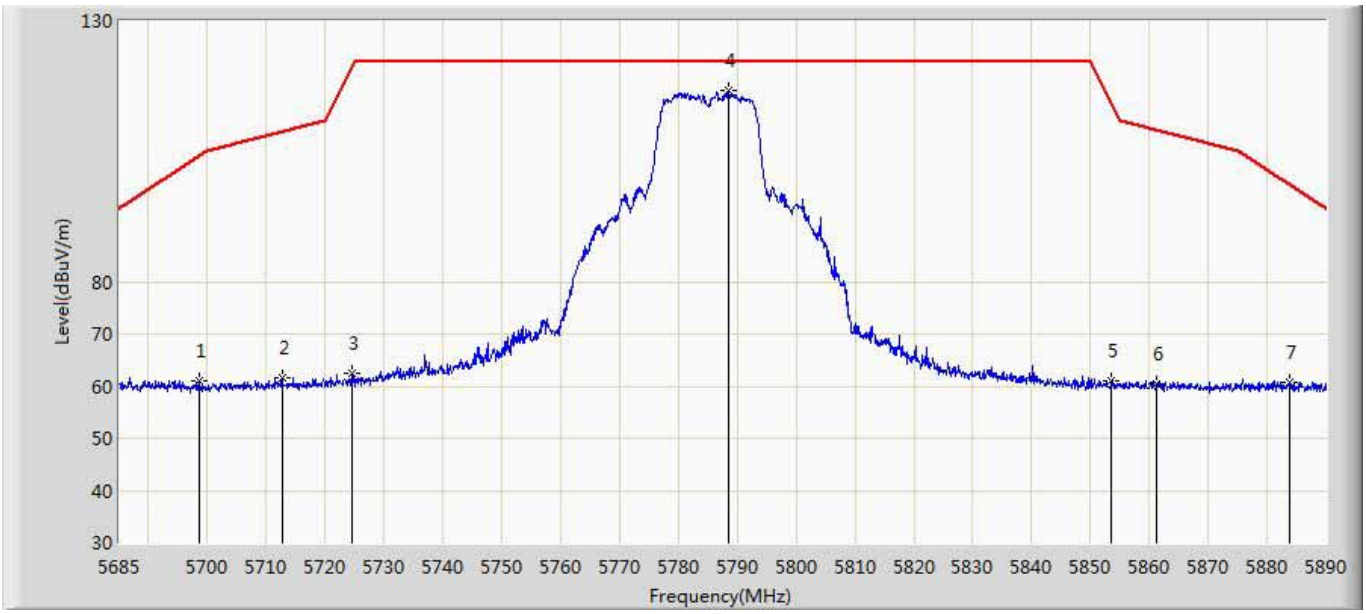
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.690	63.761	23.233	-36.769	100.531	40.528	PK
2		5711.455	72.208	31.622	-36.200	108.407	40.585	PK
3		5722.620	84.989	44.465	-31.784	116.774	40.524	PK
4	*	5745.830	116.032	75.444	-6.168	122.200	40.588	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11a	



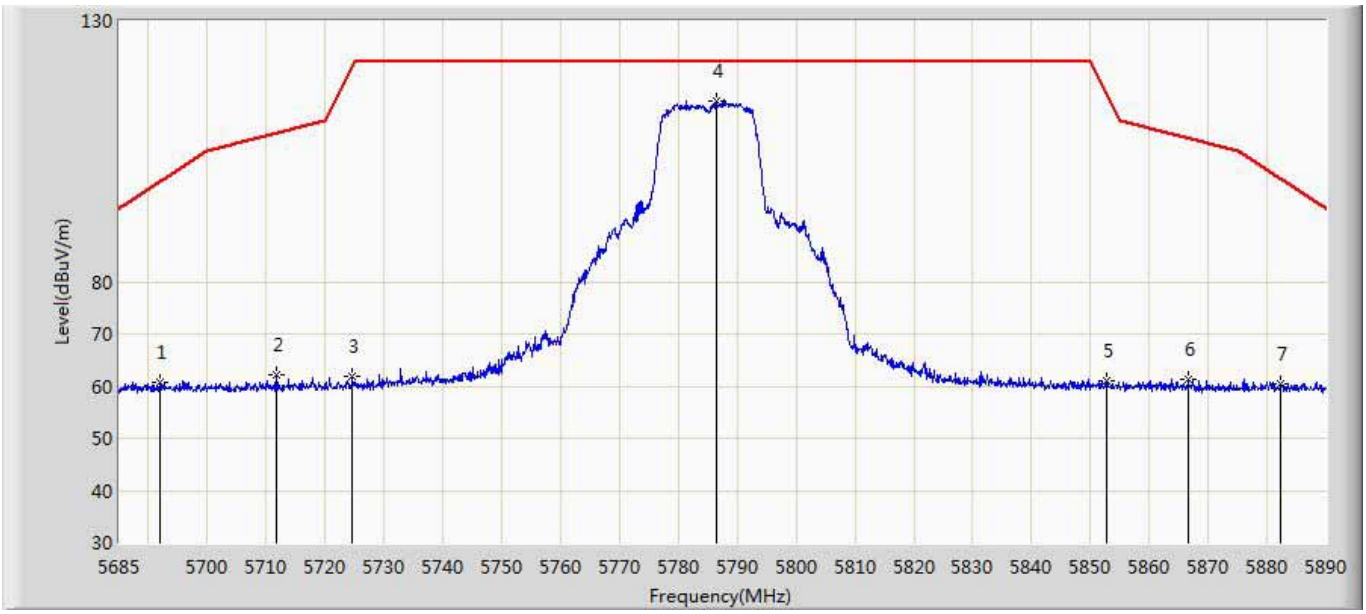
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.425	61.892	21.369	-37.703	99.595	40.523	PK
2		5711.345	69.661	29.075	-38.715	108.377	40.586	PK
3		5722.840	81.407	40.884	-35.868	117.275	40.523	PK
4	*	5747.645	115.083	74.491	-7.117	122.200	40.593	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11a	



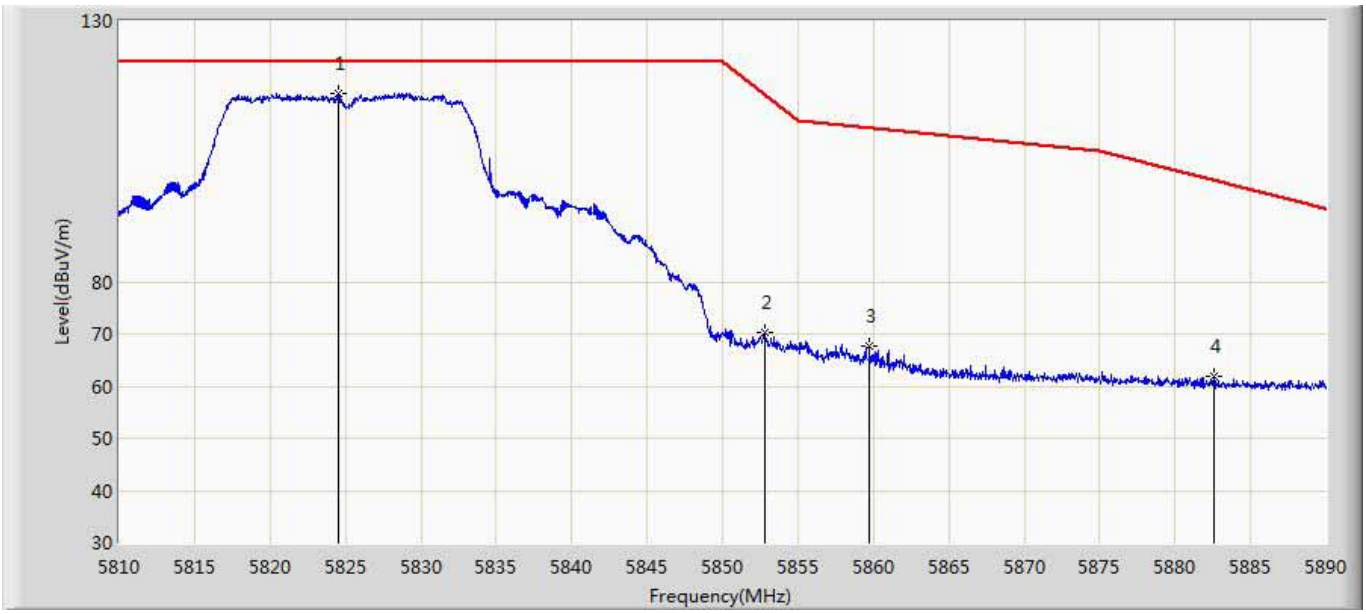
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5698.632	60.998	20.447	-43.189	104.188	40.551	PK
2		5712.675	61.592	21.013	-47.157	108.749	40.579	PK
3		5724.462	62.338	21.824	-58.635	120.973	40.514	PK
4	*	5788.627	116.601	75.871	-5.599	122.200	40.730	PK
5		5853.612	60.967	20.113	-52.997	113.965	40.854	PK
6		5861.300	60.344	19.478	-48.692	109.036	40.866	PK
7		5883.748	60.783	19.955	-37.944	98.726	40.827	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11a	



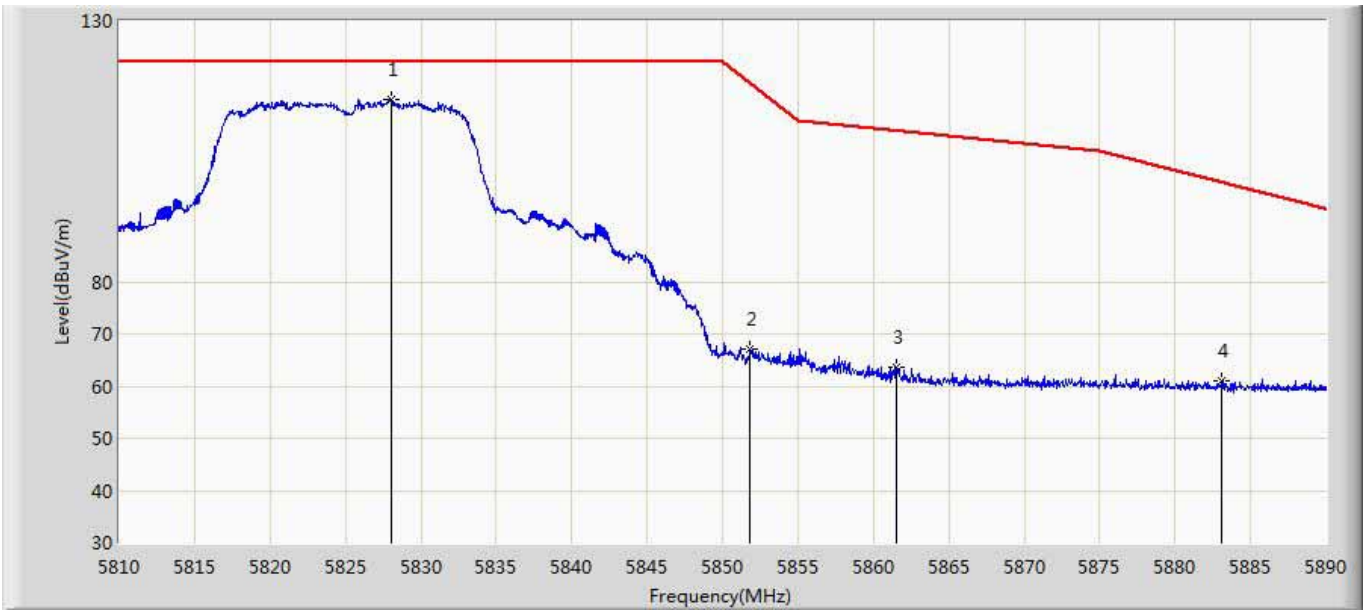
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5691.868	60.727	20.207	-38.455	99.182	40.521	PK
2		5711.650	62.056	21.471	-46.406	108.462	40.585	PK
3		5724.667	61.875	21.362	-59.566	121.441	40.513	PK
4	*	5786.373	114.755	74.040	-7.445	122.200	40.715	PK
5		5852.690	61.000	20.147	-55.067	116.067	40.853	PK
6		5866.630	61.273	20.418	-46.270	107.544	40.856	PK
7		5882.312	60.468	19.641	-39.322	99.789	40.826	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:03
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11a	



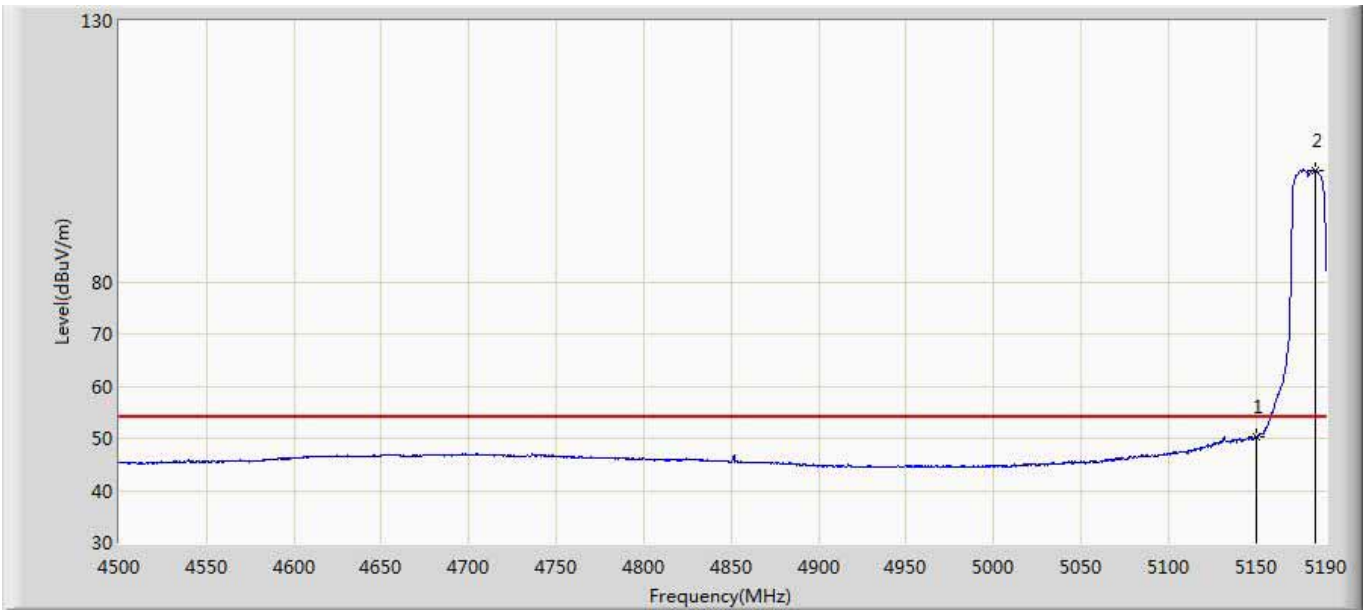
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5824.520	116.008	75.282	-6.192	122.200	40.726	PK
2		5852.800	70.210	29.357	-45.606	115.816	40.853	PK
3		5859.720	67.579	26.715	-41.900	109.478	40.864	PK
4		5882.560	62.007	21.180	-37.599	99.606	40.827	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:04
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11a	



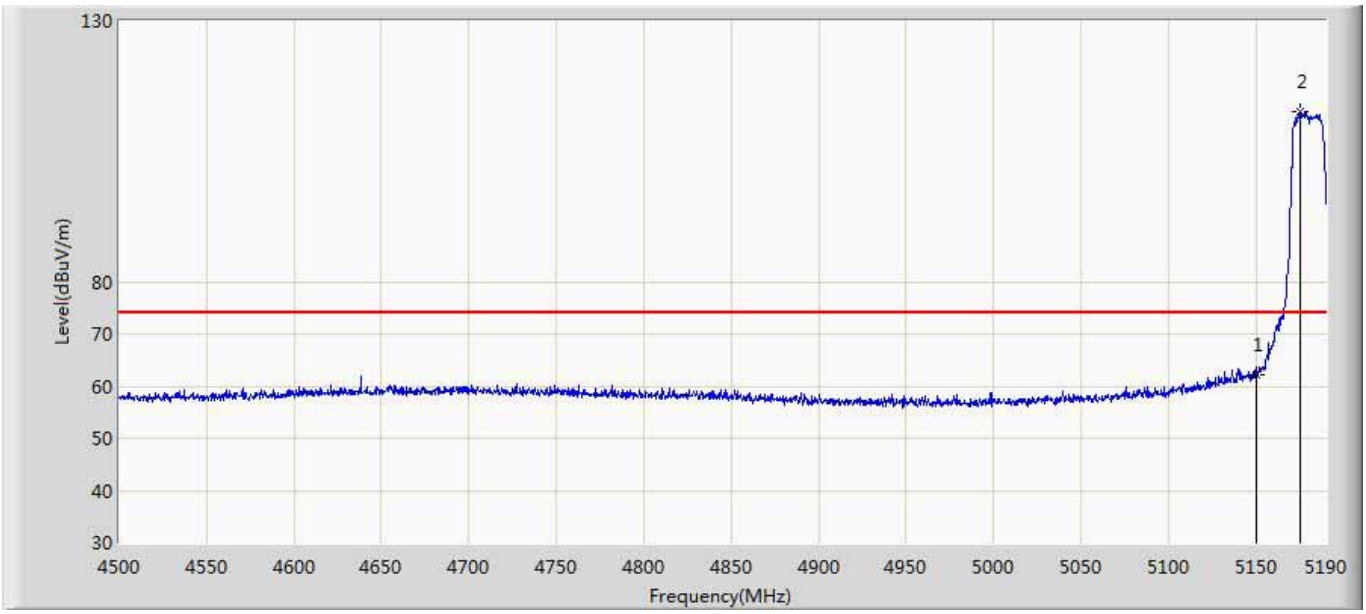
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.080	114.972	74.258	-7.228	122.200	40.714	PK
2		5851.800	67.216	26.365	-50.880	118.096	40.852	PK
3		5861.560	63.500	22.634	-45.463	108.963	40.866	PK
4		5883.080	60.927	20.100	-38.294	99.221	40.828	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



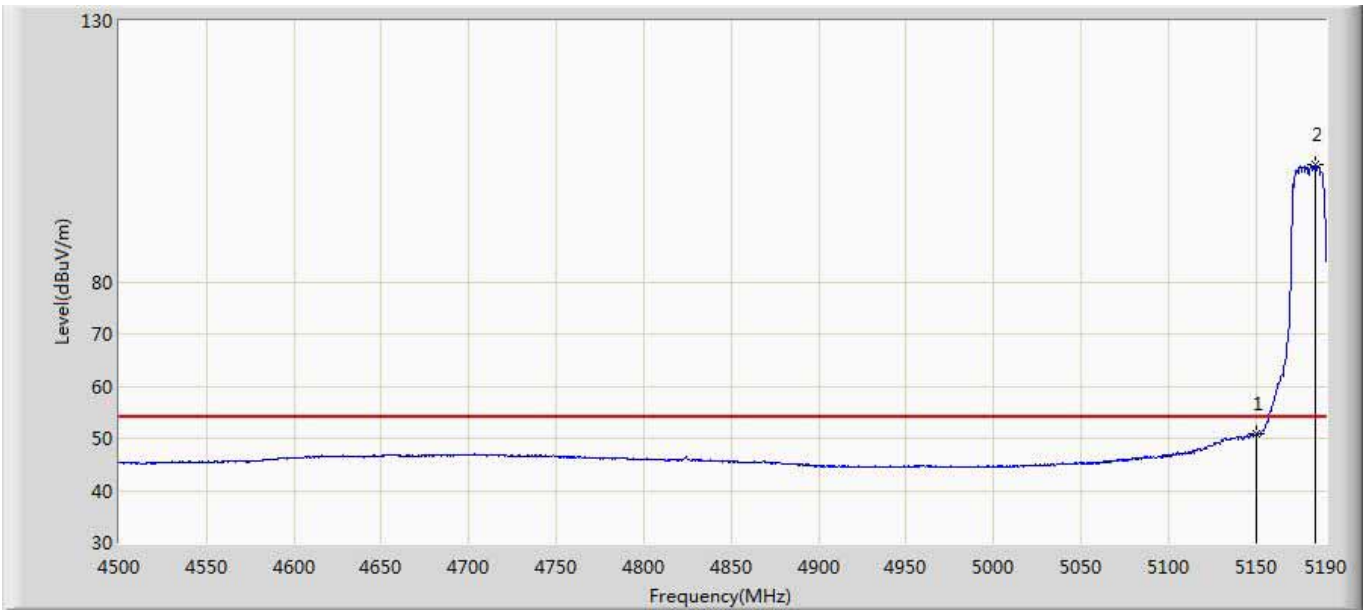
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.360	10.826	-3.640	54.000	39.534	AV
2	*	5184.135	101.400	61.827	47.400	54.000	39.573	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



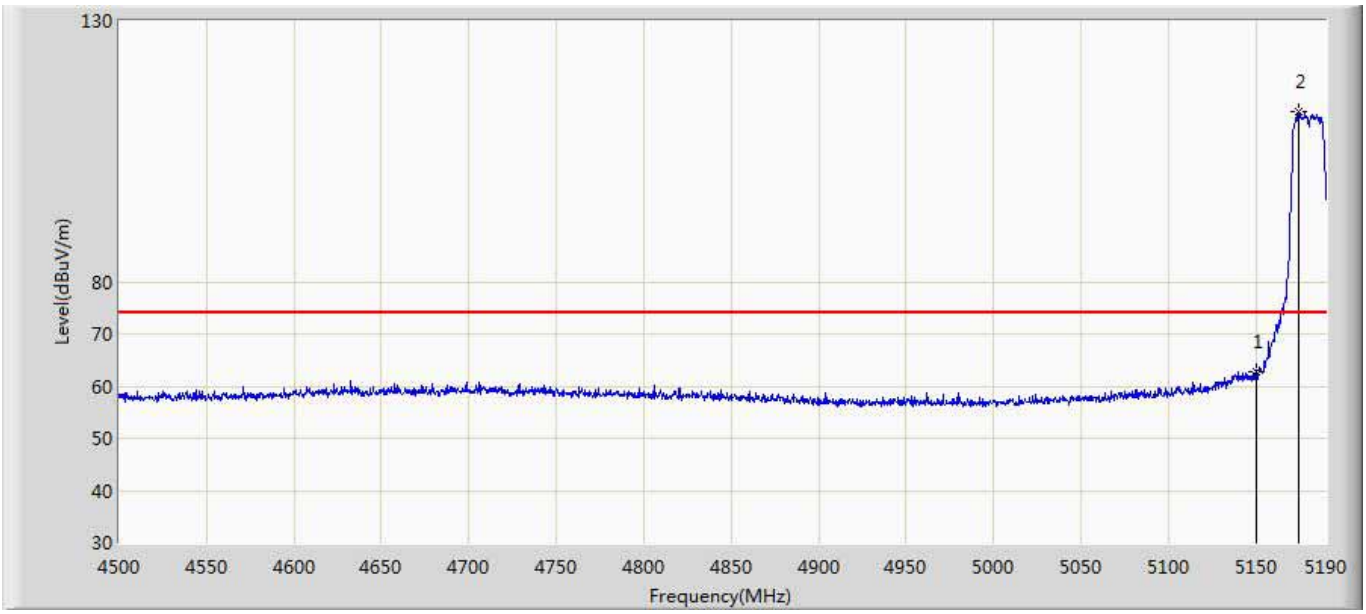
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.117	22.583	-11.883	74.000	39.534	PK
2	*	5175.510	112.643	73.039	38.643	74.000	39.605	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



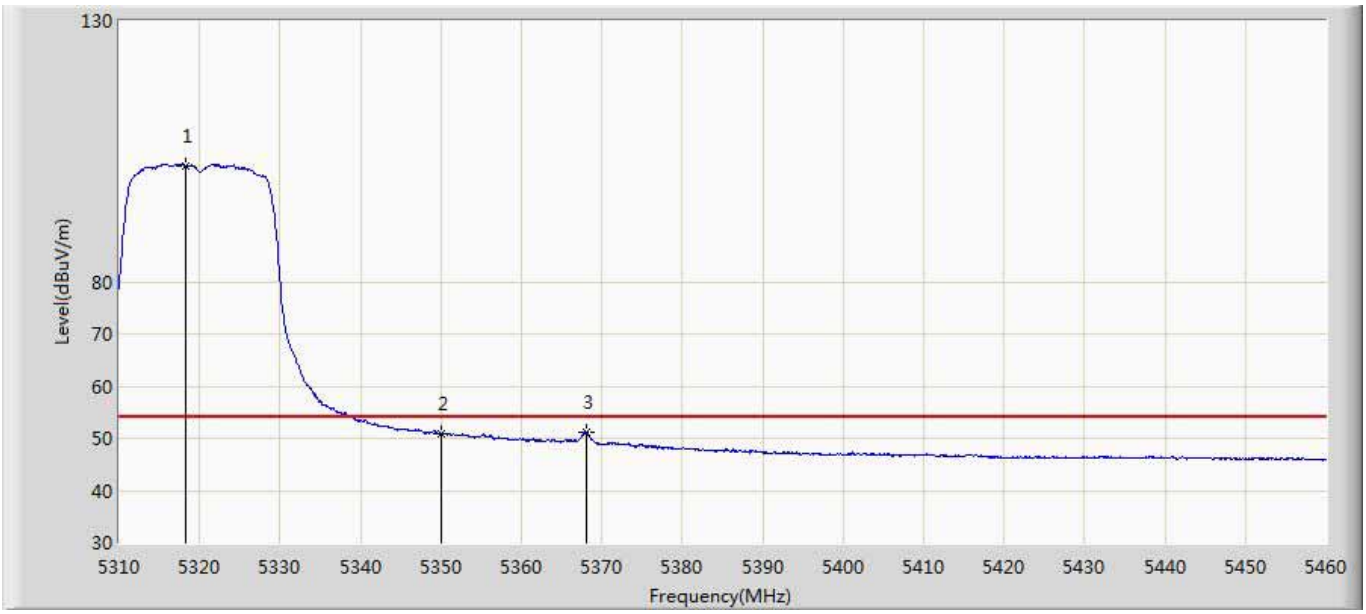
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.753	11.219	-3.247	54.000	39.534	AV
2	*	5184.135	102.387	62.814	48.387	54.000	39.573	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	



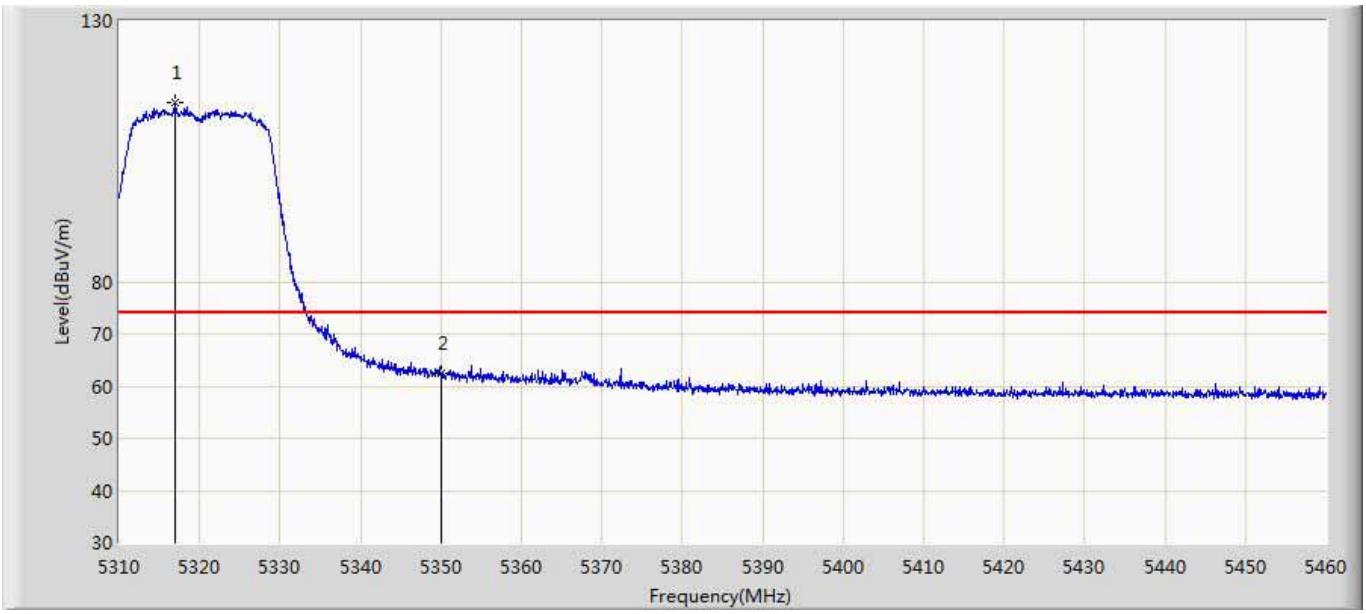
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.865	23.331	-11.135	74.000	39.534	PK
2	*	5174.475	112.697	73.085	38.697	74.000	39.612	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



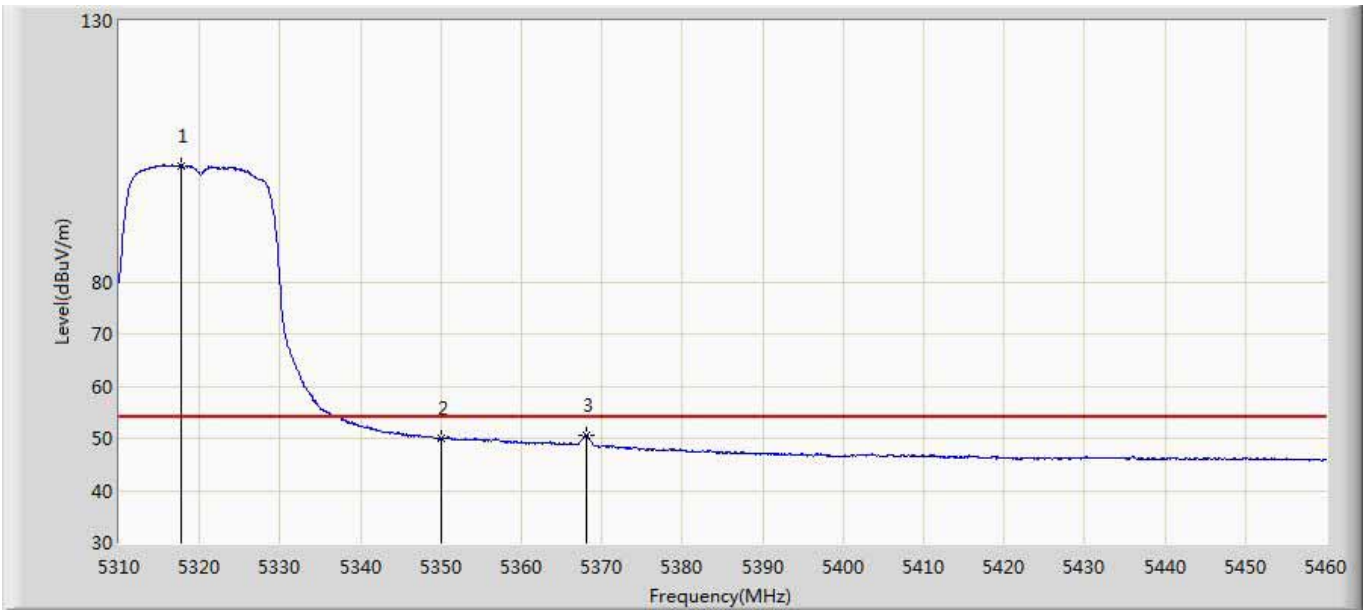
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.250	102.240	62.306	48.240	54.000	39.934	AV
2		5350.000	50.919	11.048	-3.081	54.000	39.871	AV
3		5368.125	50.968	11.071	-3.032	54.000	39.897	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



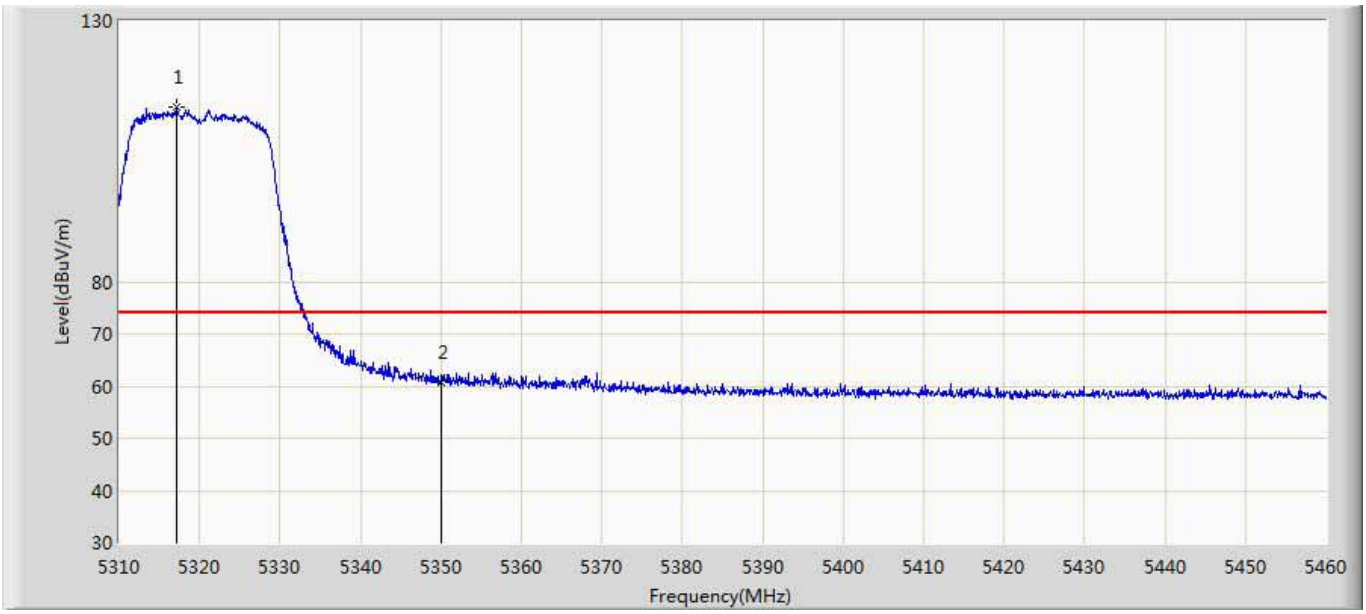
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.975	114.283	74.355	40.283	74.000	39.928	PK
2		5350.000	62.446	22.575	-11.554	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



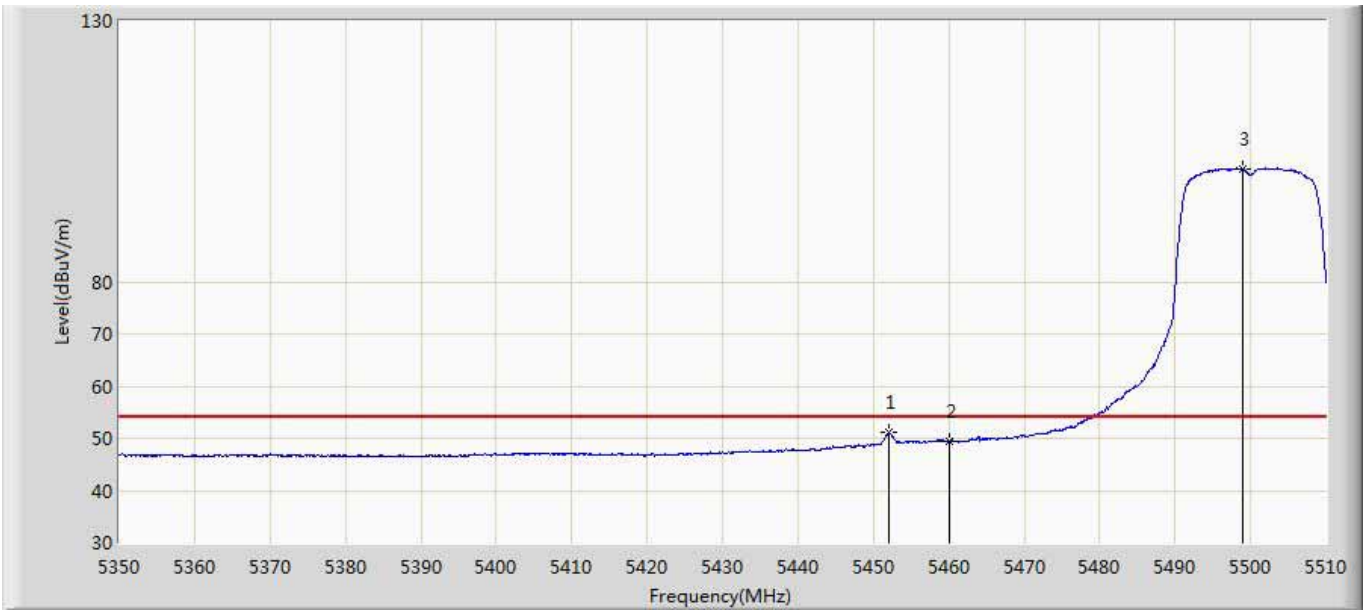
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.650	102.279	62.346	48.279	54.000	39.933	AV
2		5350.000	50.004	10.133	-3.996	54.000	39.871	AV
3		5368.125	50.676	10.779	-3.324	54.000	39.897	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	



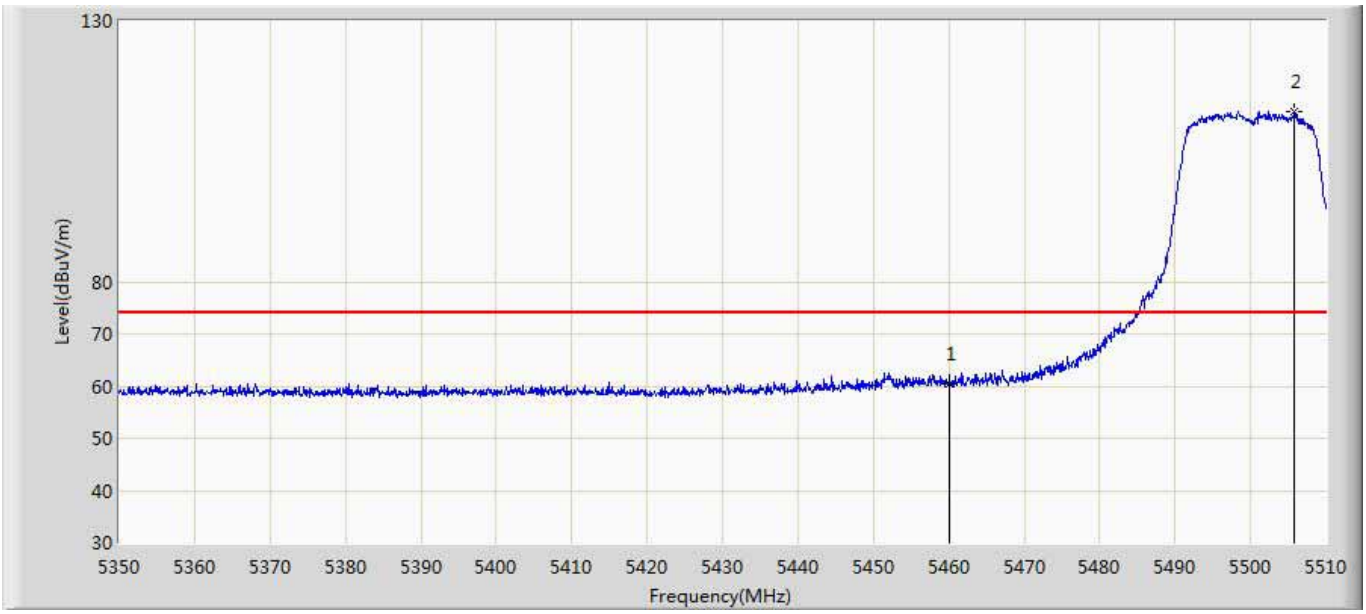
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.050	113.594	73.665	39.594	74.000	39.929	PK
2		5350.000	60.713	20.842	-13.287	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



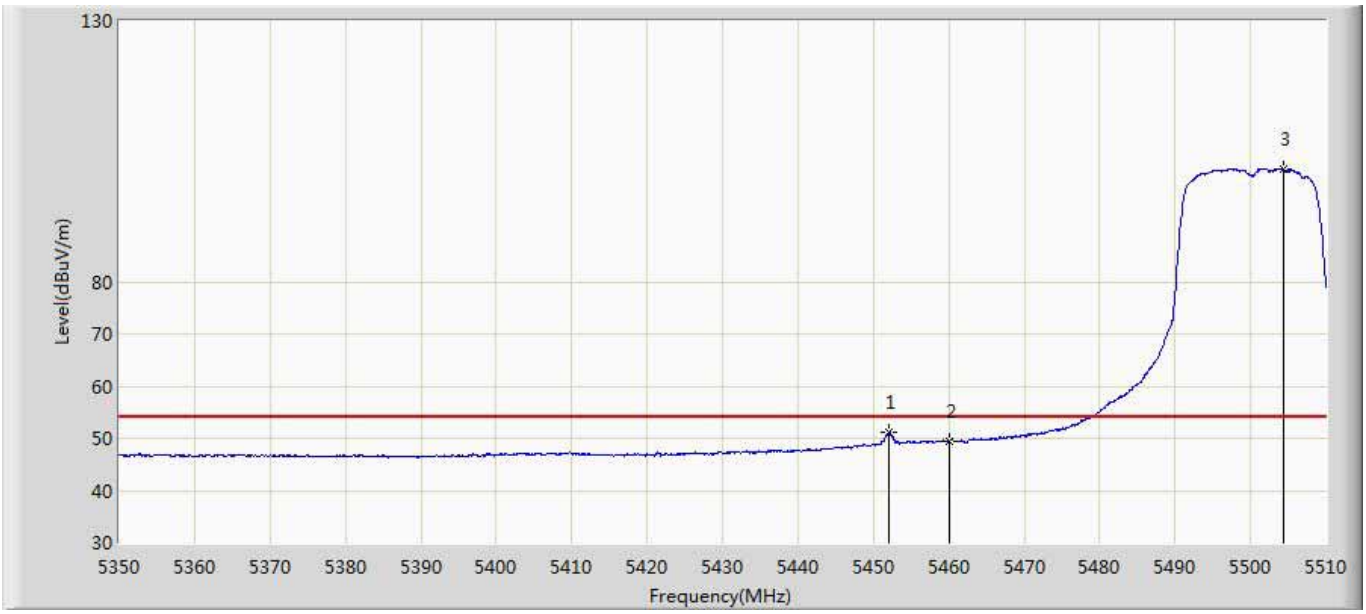
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5452.080	50.931	10.895	-3.069	54.000	40.036	AV
2		5460.000	49.469	9.435	-4.531	54.000	40.034	AV
3	*	5498.960	101.588	61.460	47.588	54.000	40.128	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



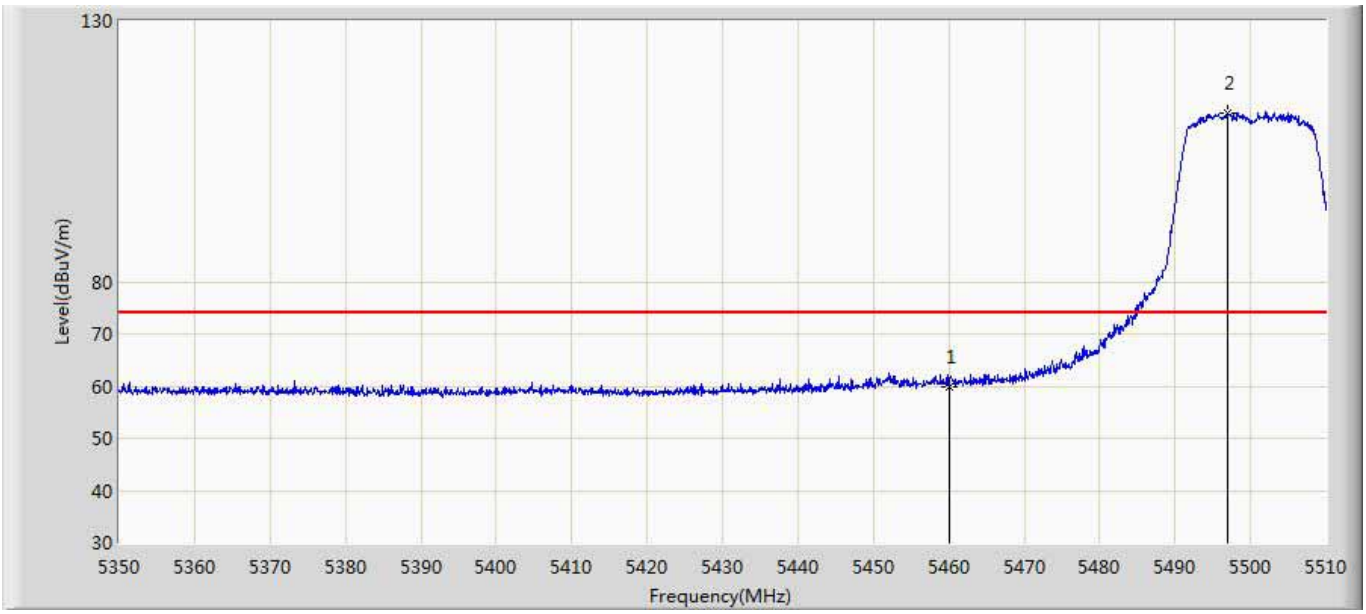
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.544	20.510	-13.456	74.000	40.034	PK
2	*	5505.840	112.477	72.365	38.477	74.000	40.112	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



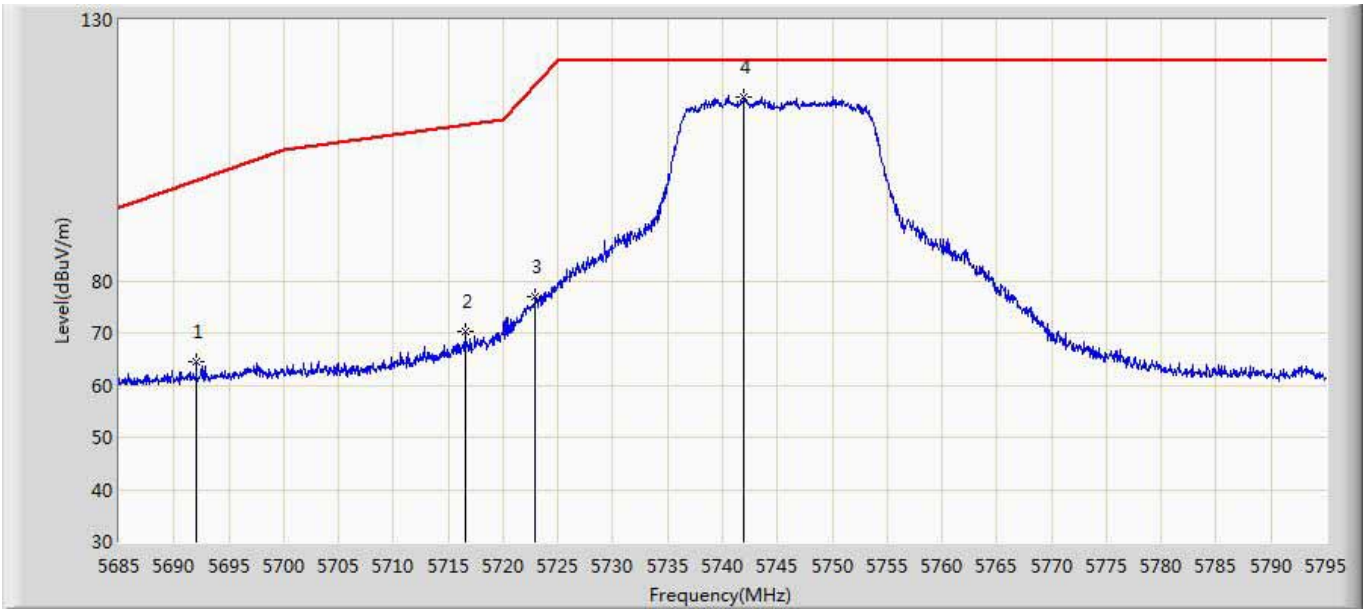
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5452.080	50.959	10.923	-3.041	54.000	40.036	AV
2		5460.000	49.453	9.419	-4.547	54.000	40.034	AV
3	*	5504.400	101.733	61.620	47.733	54.000	40.112	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/08 - 20:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	



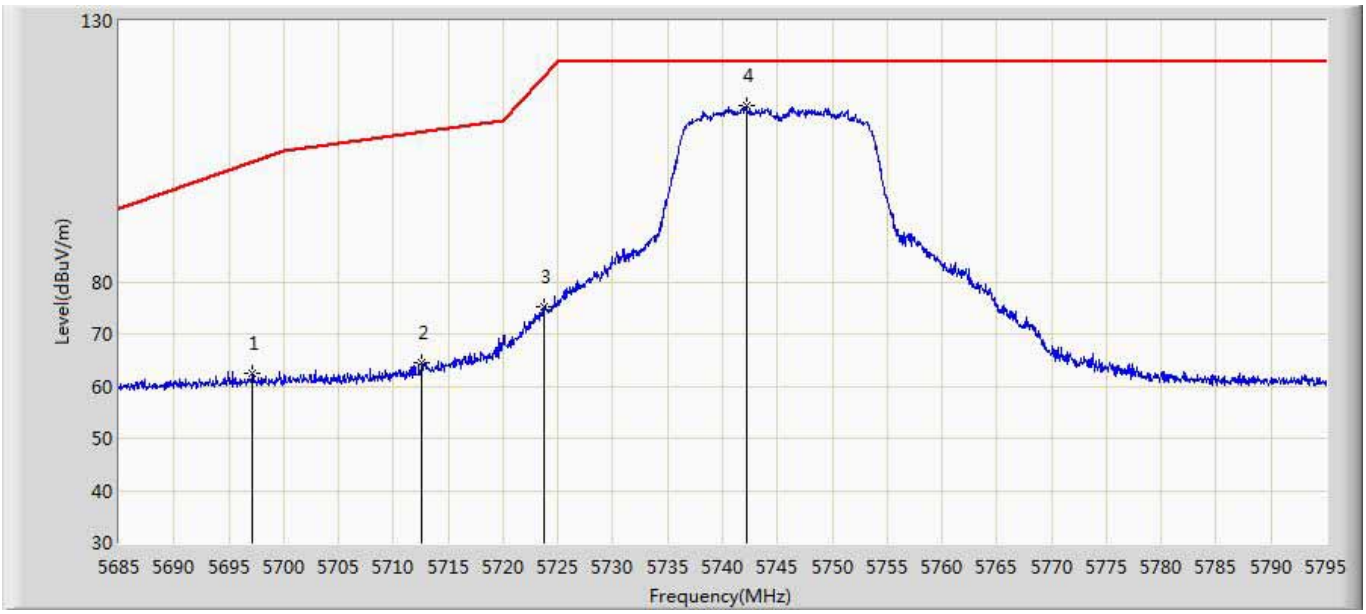
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.991	19.957	-14.009	74.000	40.034	PK
2	*	5496.880	112.463	72.329	38.463	74.000	40.134	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



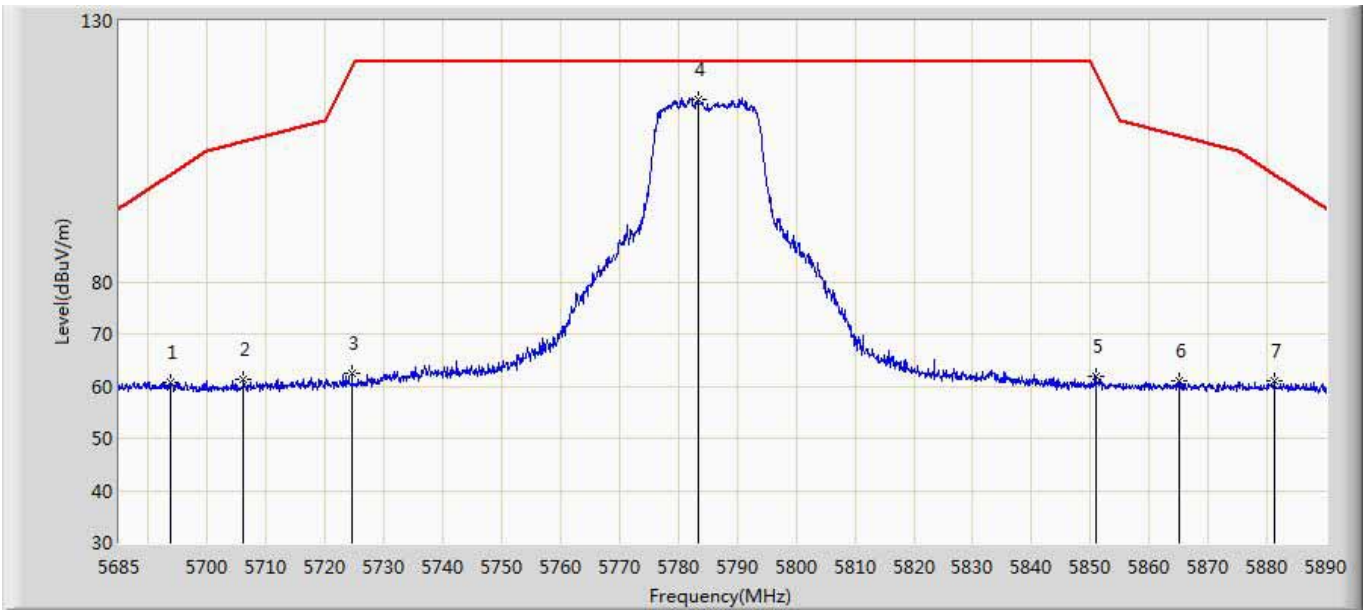
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.040	64.445	23.924	-34.865	99.310	40.521	PK
2		5716.515	70.389	29.831	-39.435	109.824	40.558	PK
3		5722.950	76.883	36.360	-40.643	117.526	40.523	PK
4	*	5741.980	115.137	74.560	-7.063	122.200	40.578	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:08
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	



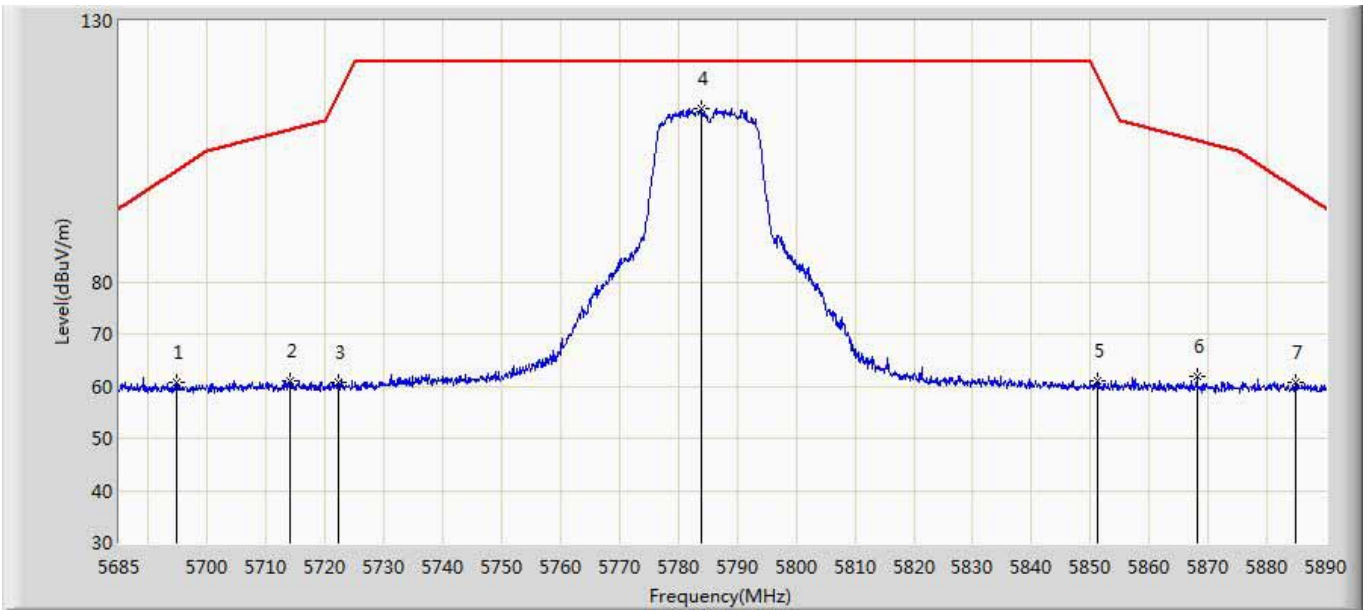
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5697.155	62.472	21.928	-40.622	103.095	40.544	PK
2		5712.610	64.633	24.054	-44.097	108.731	40.580	PK
3		5723.775	75.226	34.708	-44.181	119.407	40.518	PK
4	*	5742.200	113.786	73.208	-8.414	122.200	40.579	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:14
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



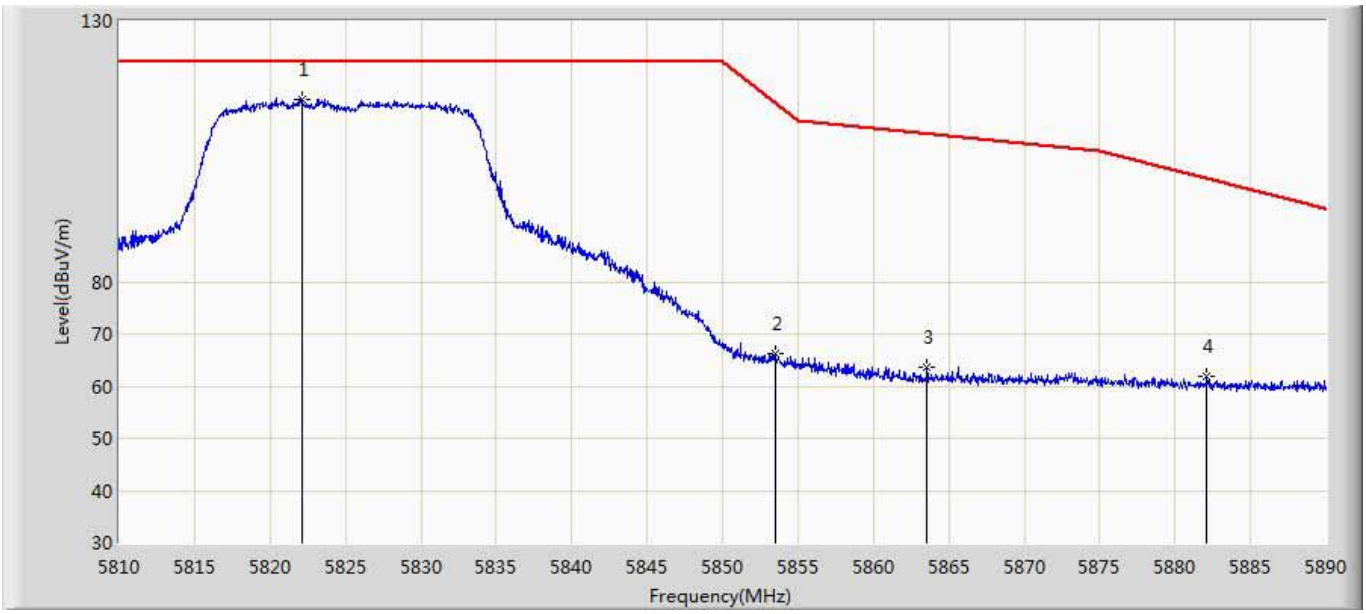
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.610	60.806	20.278	-39.665	100.471	40.528	PK
2		5706.115	61.169	20.583	-45.743	106.912	40.586	PK
3		5724.565	62.471	21.957	-58.738	121.208	40.514	PK
4	*	5783.400	115.060	74.365	-7.140	122.200	40.695	PK
5		5850.947	61.960	21.110	-58.081	120.041	40.850	PK
6		5865.092	61.061	20.202	-46.913	107.974	40.859	PK
7		5881.185	60.970	20.144	-39.653	100.623	40.826	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:16
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	



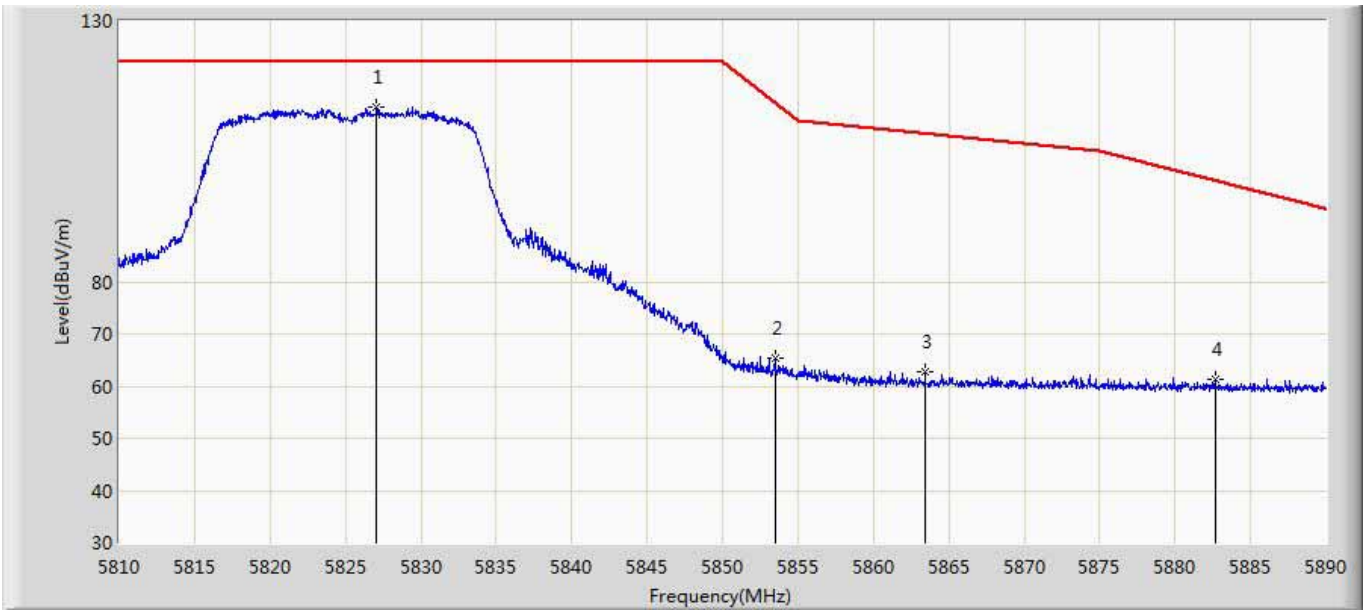
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.635	60.597	20.064	-40.633	101.230	40.533	PK
2		5713.905	60.989	20.417	-48.104	109.093	40.573	PK
3		5722.208	60.615	20.088	-55.220	115.834	40.527	PK
4	*	5783.913	113.186	72.487	-9.014	122.200	40.699	PK
5		5851.152	60.965	20.115	-58.608	119.573	40.851	PK
6		5868.065	61.757	20.905	-45.385	107.142	40.852	PK
7		5884.978	60.630	19.802	-37.186	97.816	40.828	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:17
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



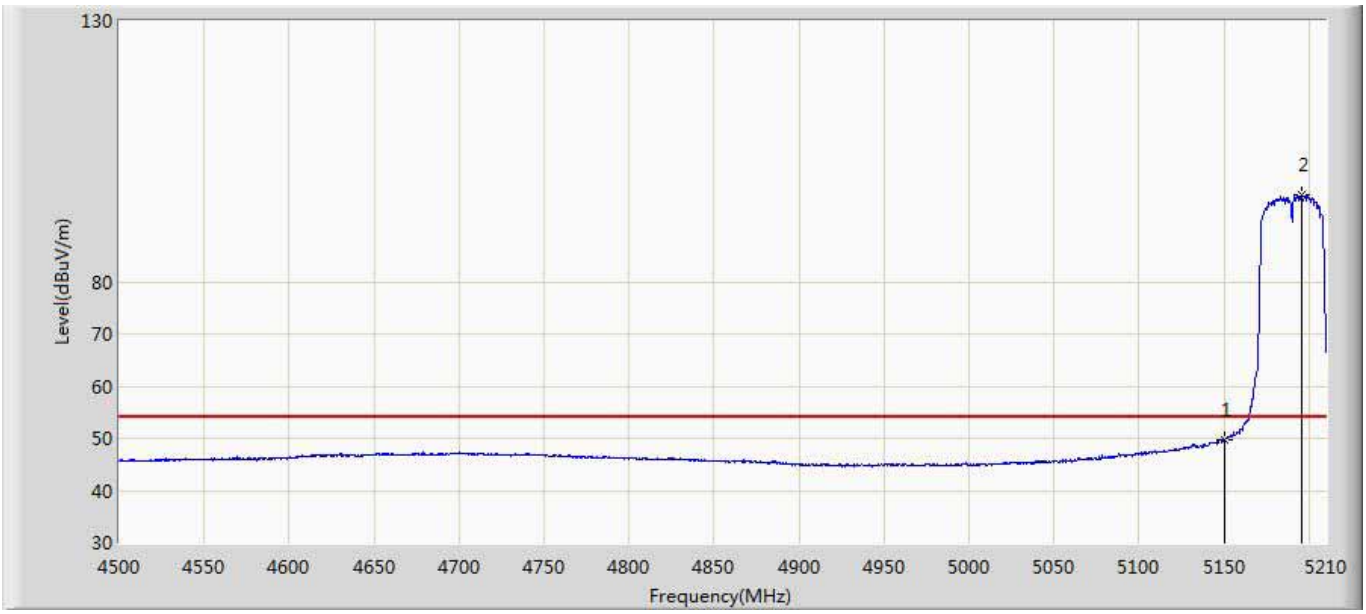
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5822.160	115.007	74.273	-7.193	122.200	40.735	PK
2		5853.520	66.357	25.503	-47.817	114.174	40.854	PK
3		5863.560	63.723	22.860	-44.680	108.403	40.863	PK
4		5882.120	61.889	21.063	-38.042	99.931	40.826	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	



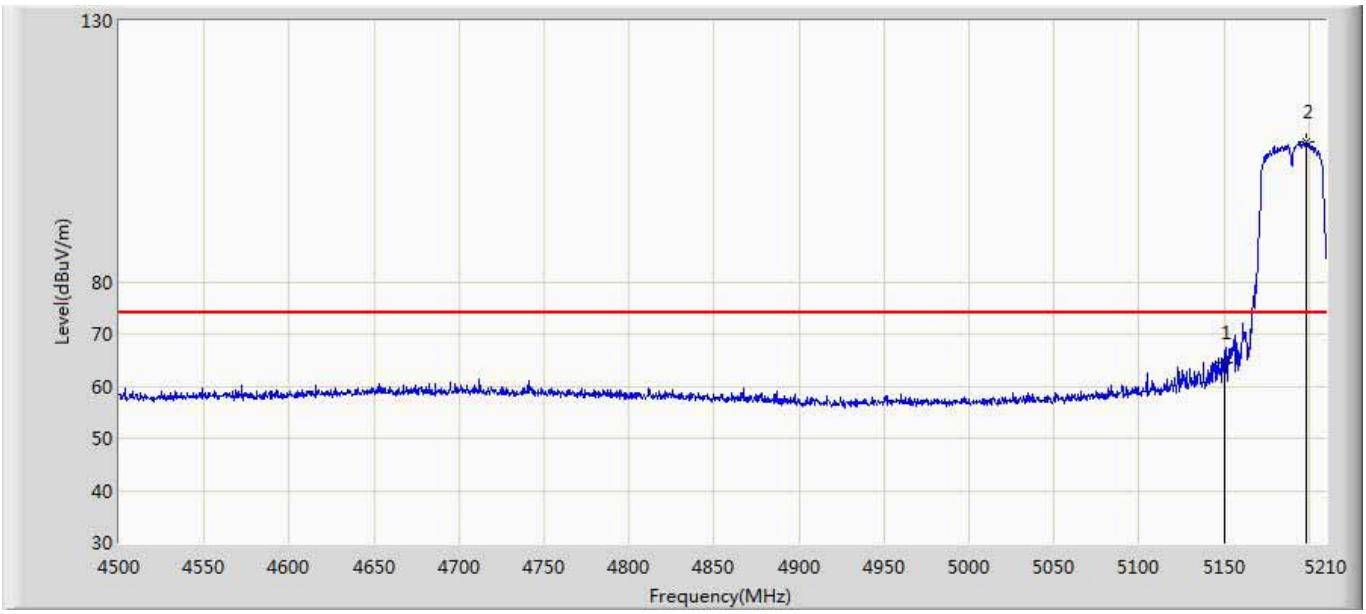
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5827.080	113.514	72.797	-8.686	122.200	40.717	PK
2		5853.480	65.230	24.376	-49.036	114.266	40.854	PK
3		5863.440	62.813	21.950	-45.623	108.437	40.863	PK
4		5882.640	61.368	20.541	-38.179	99.546	40.827	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



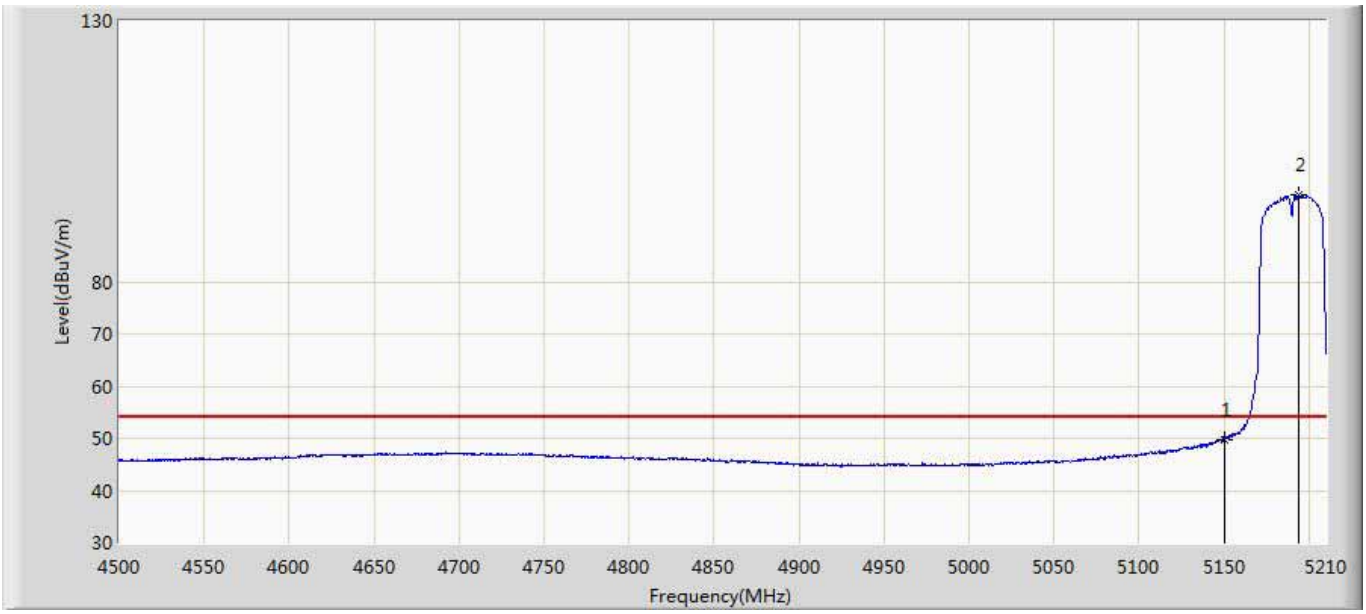
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.838	10.304	-4.162	54.000	39.534	AV
2	*	5196.155	96.621	56.938	42.621	54.000	39.682	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



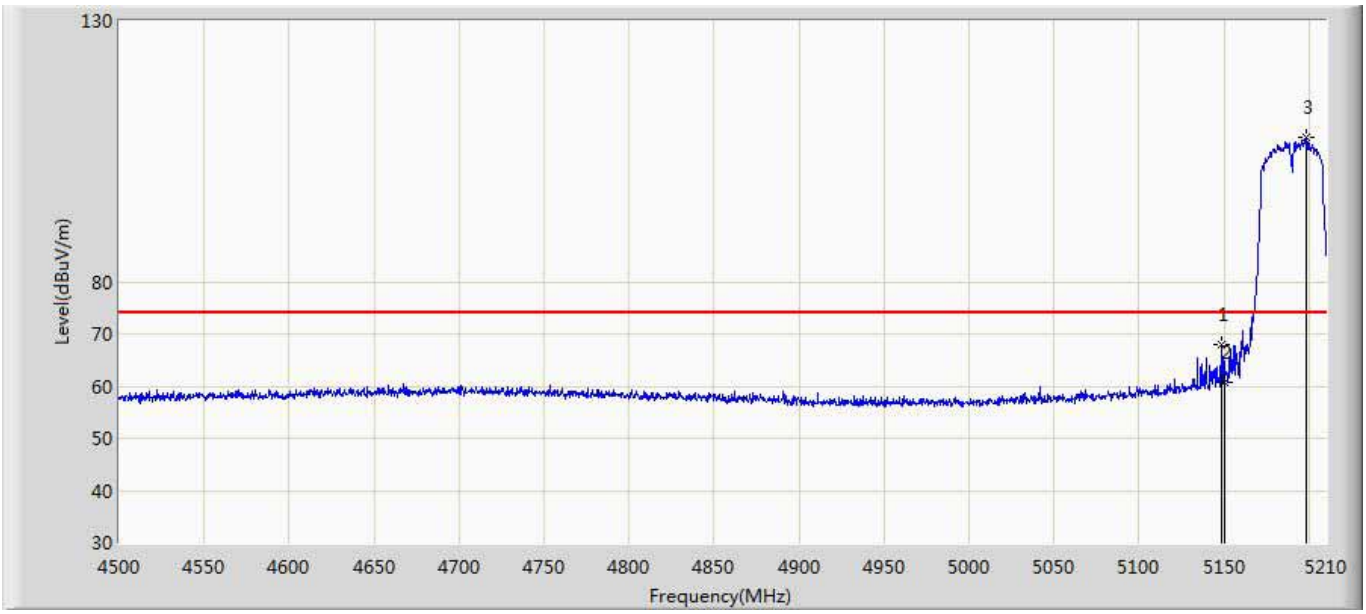
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	64.463	24.929	-9.537	74.000	39.534	PK
2	*	5198.640	106.768	67.063	32.768	74.000	39.705	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



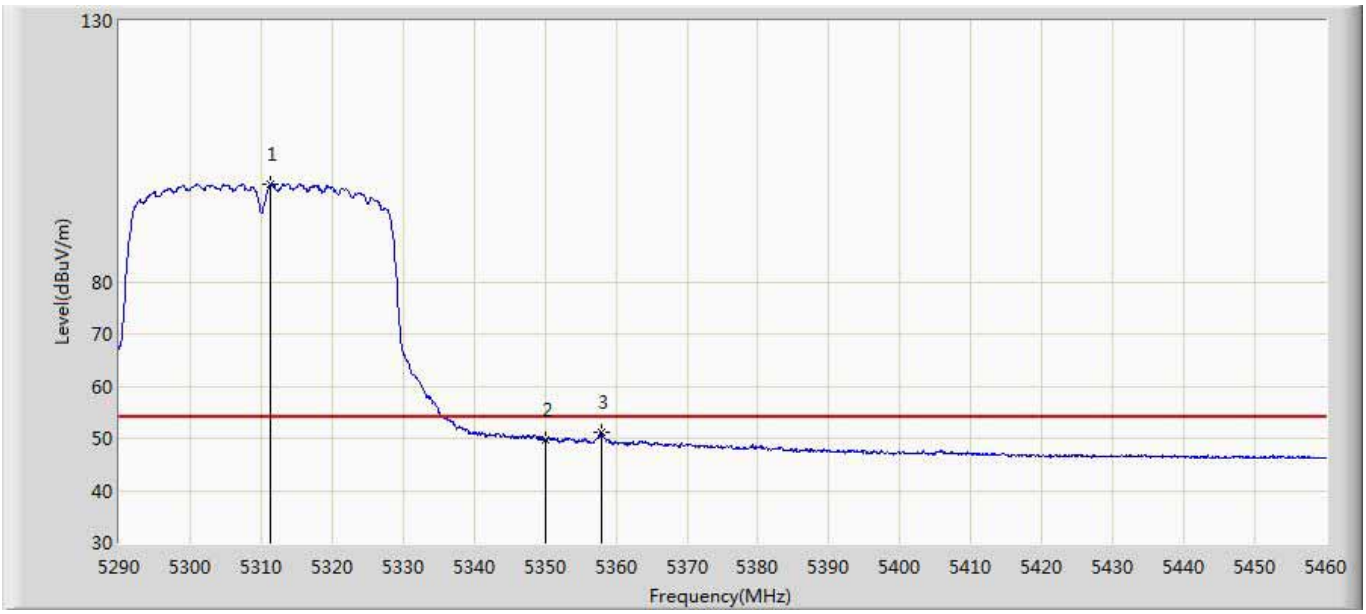
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.683	10.149	-4.317	54.000	39.534	AV
2	*	5194.380	96.739	57.073	42.739	54.000	39.666	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	



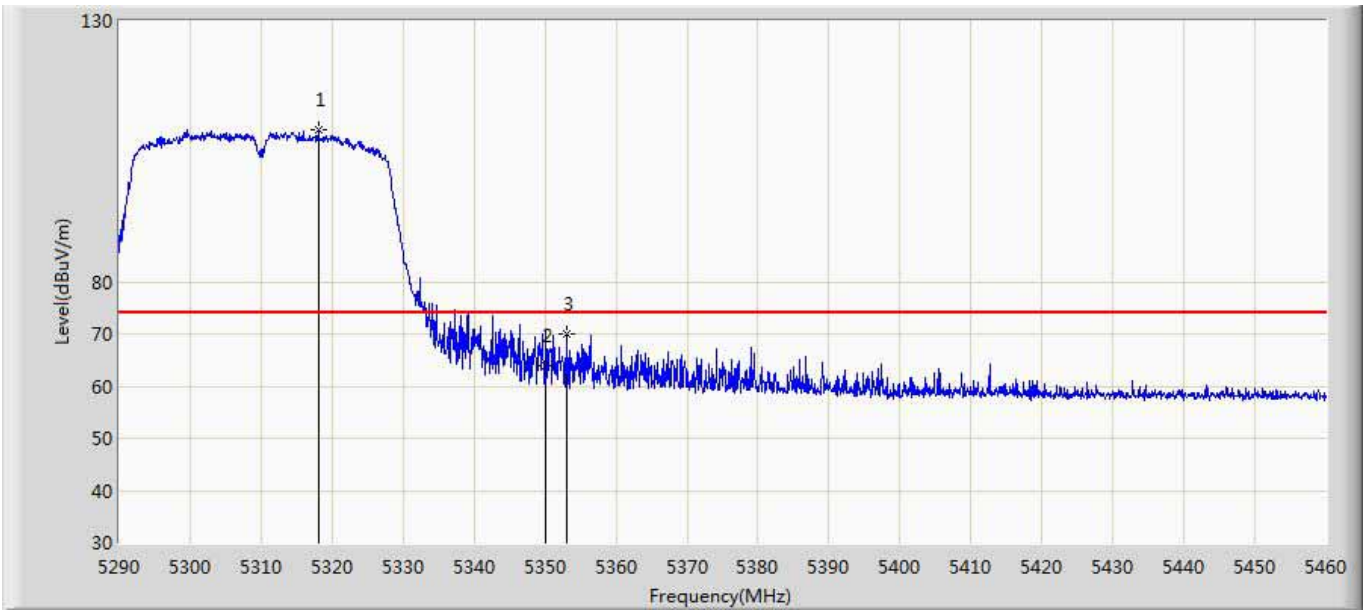
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5148.230	67.872	28.355	-6.128	74.000	39.516	PK
2		5150.000	60.610	21.076	-13.390	74.000	39.534	PK
3	*	5198.285	107.808	68.106	33.808	74.000	39.702	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



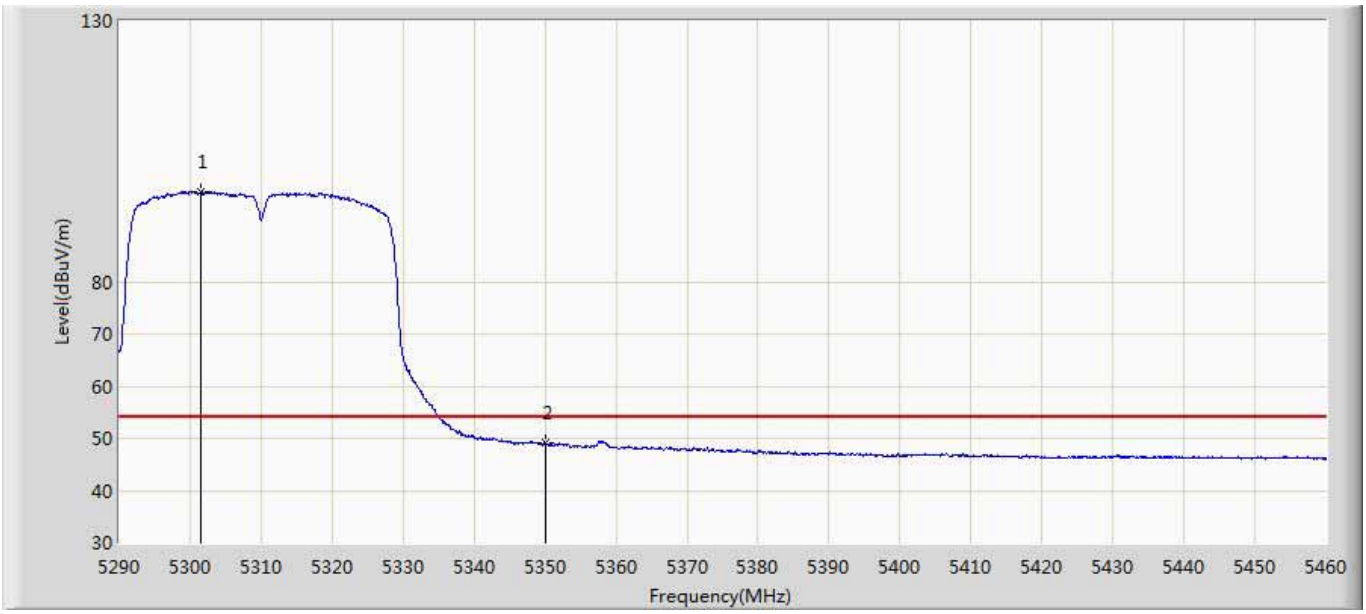
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5311.335	98.604	58.713	44.604	54.000	39.891	AV
2		5350.000	49.714	9.843	-4.286	54.000	39.871	AV
3		5358.000	50.999	11.118	-3.001	54.000	39.881	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 18:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



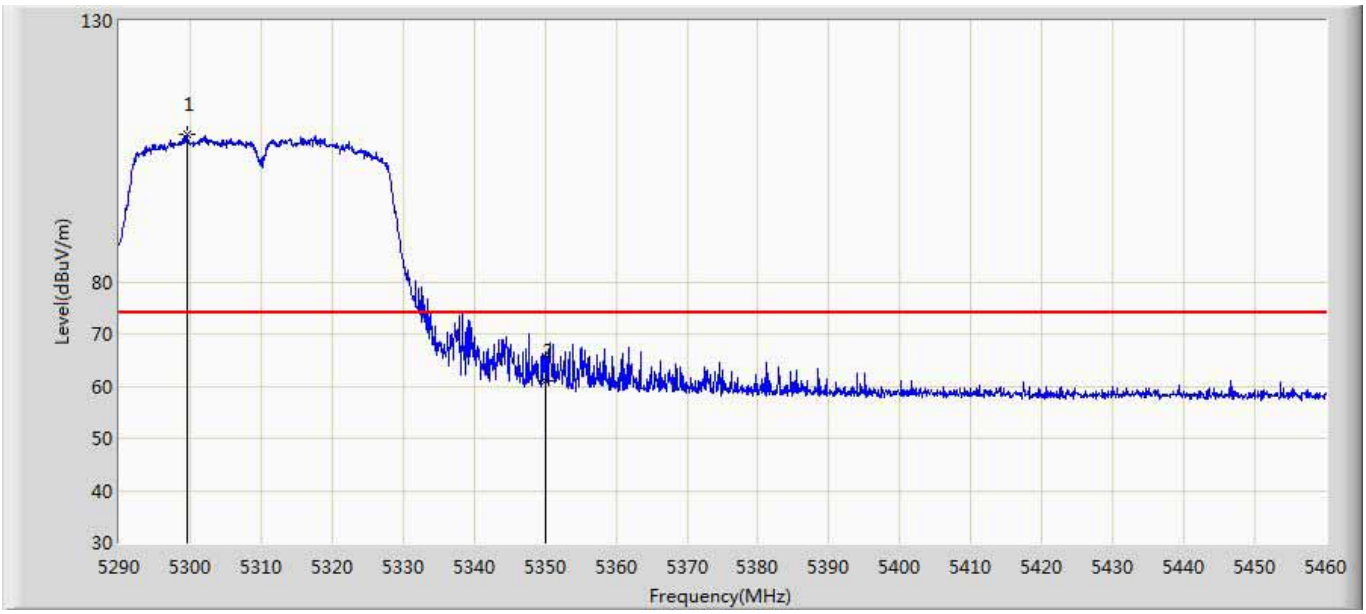
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.050	109.076	69.141	35.076	74.000	39.935	PK
2		5350.000	63.843	23.972	-10.157	74.000	39.871	PK
3		5353.070	70.074	30.201	-3.926	74.000	39.873	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



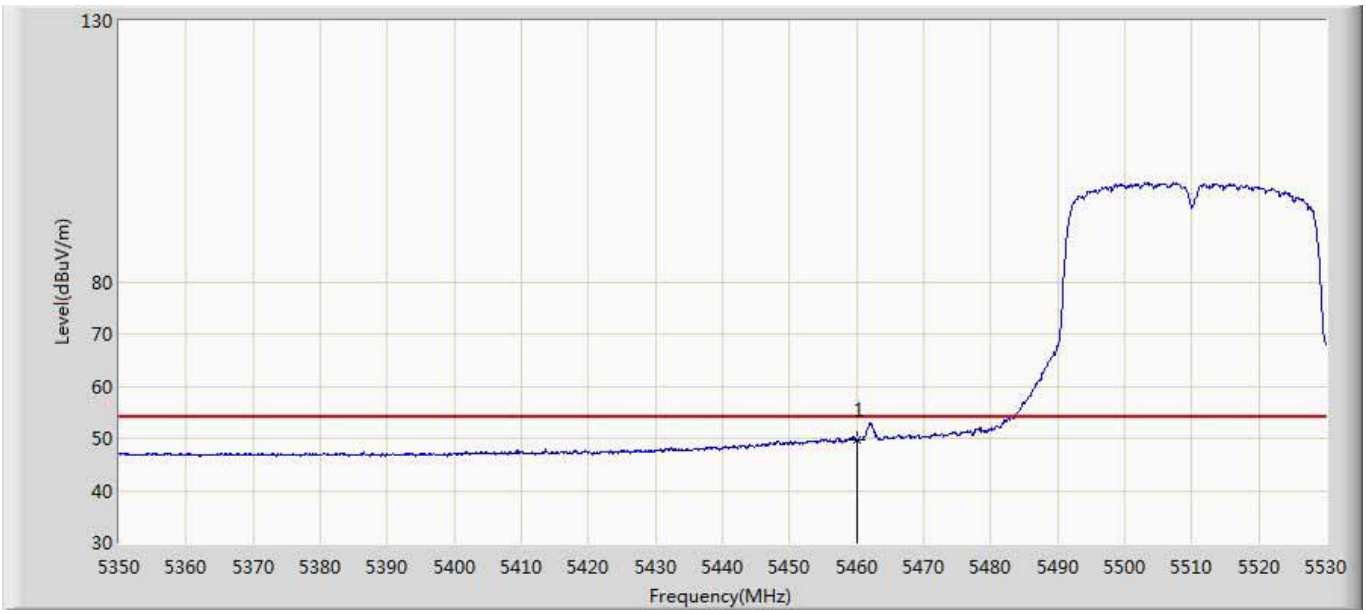
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.560	97.251	57.424	43.251	54.000	39.827	AV
2		5350.000	49.082	9.211	-4.918	54.000	39.871	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	



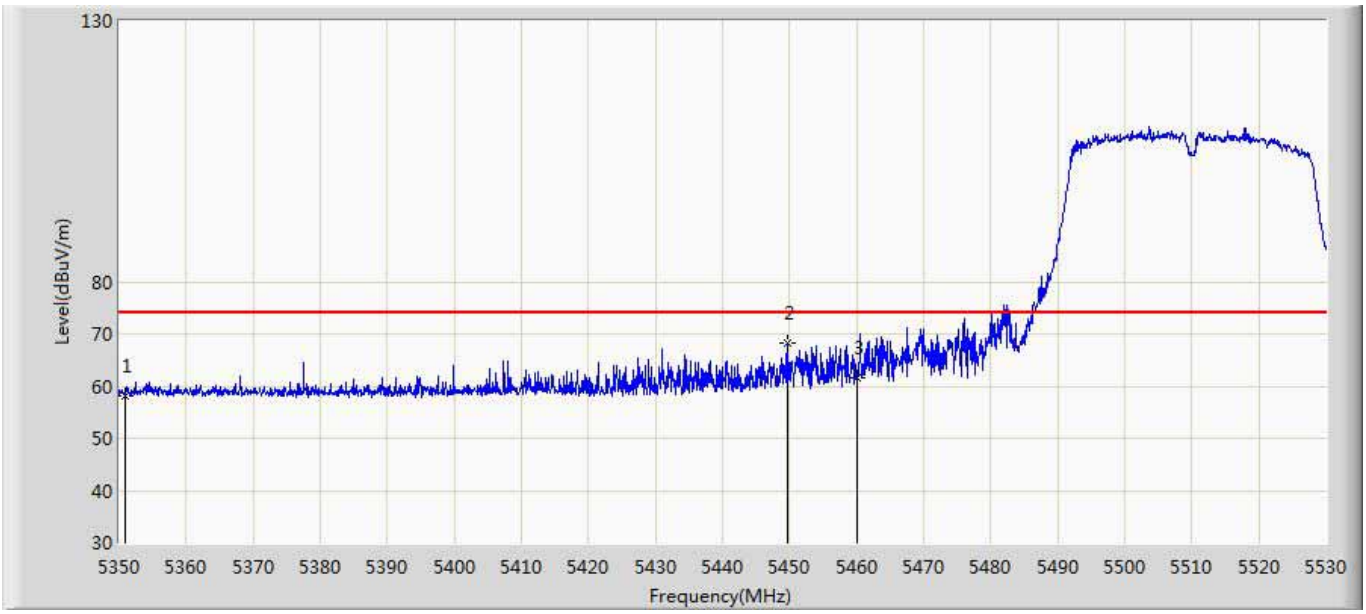
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5299.520	108.136	68.311	34.136	74.000	39.826	PK
2		5350.000	61.072	21.201	-12.928	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



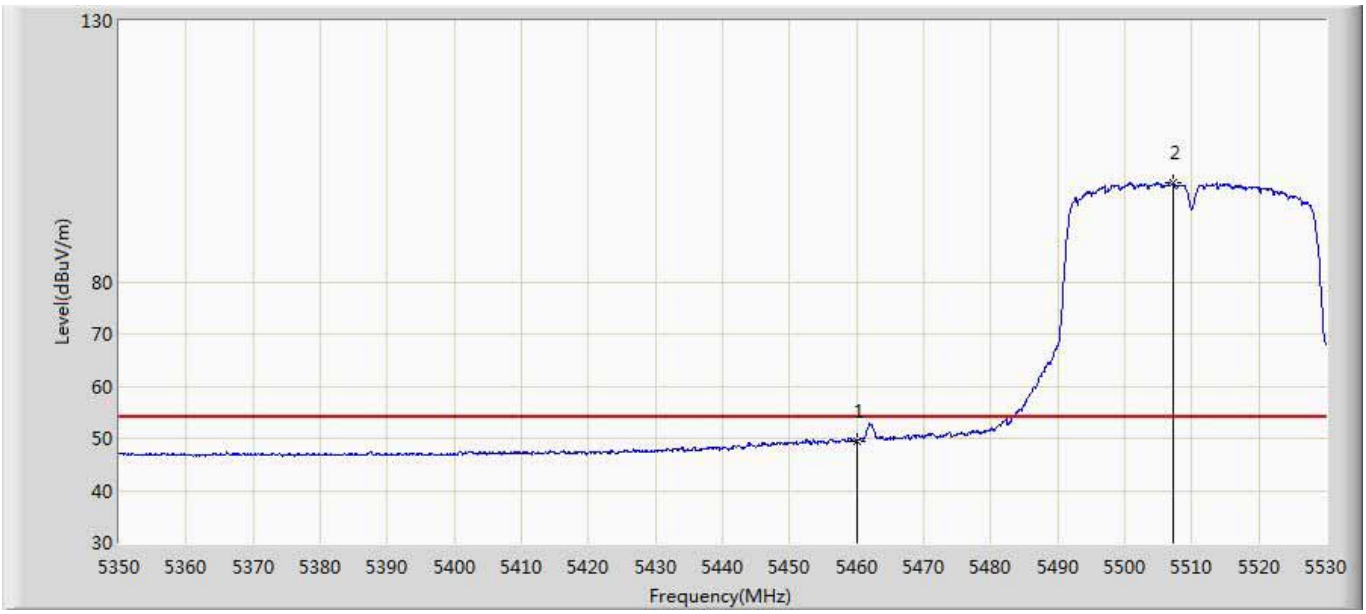
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5460.000	49.741	9.707	-4.259	54.000	40.034	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



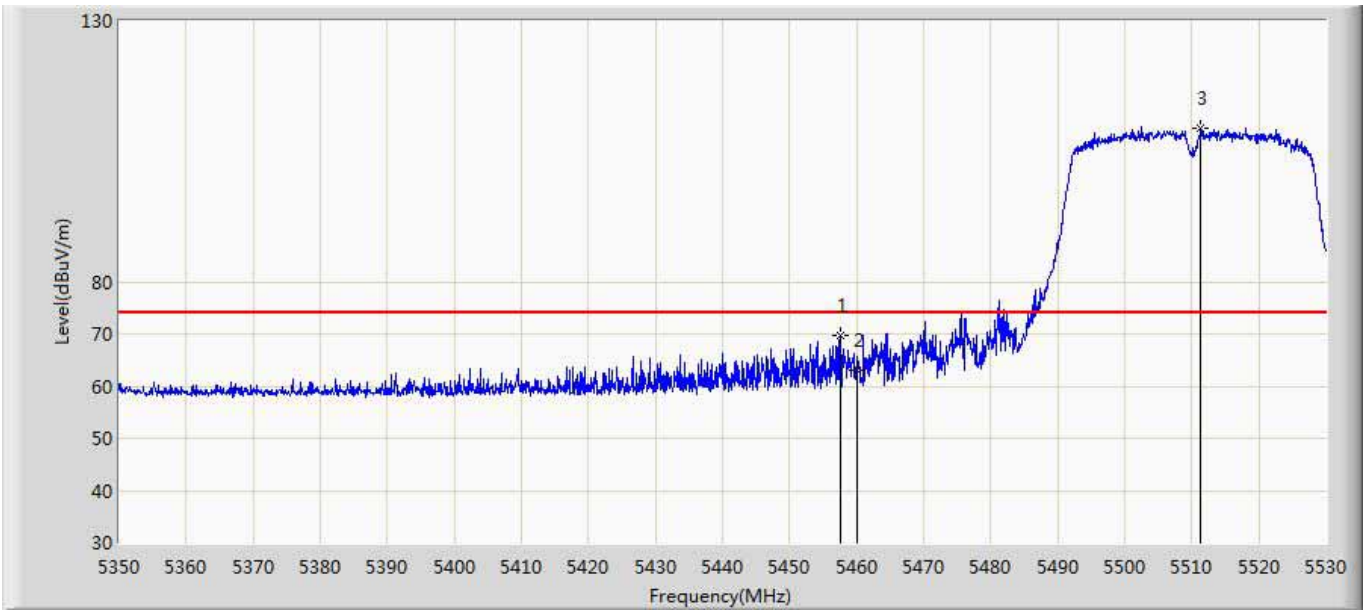
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5350.810	58.199	18.328	-15.801	74.000	39.871	PK
2	*	5449.810	68.243	28.212	-5.757	74.000	40.031	PK
3		5460.000	61.595	21.561	-12.405	74.000	40.034	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



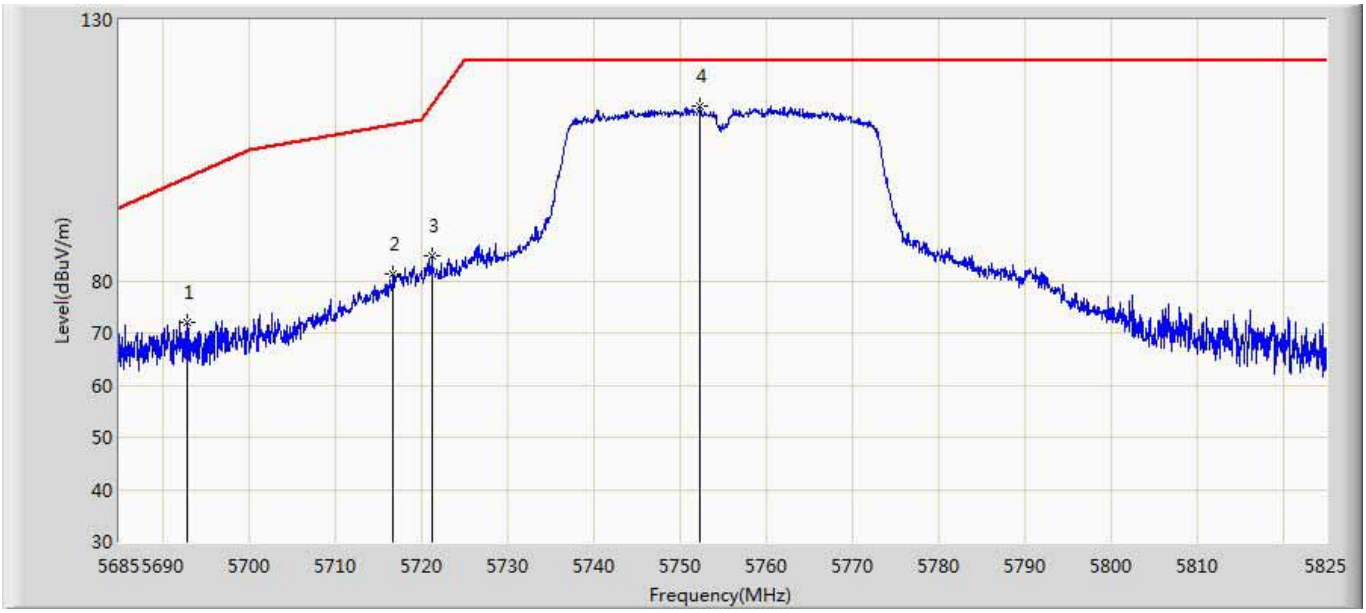
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.563	9.529	-4.437	54.000	40.034	AV
2	*	5507.140	98.905	58.792	44.905	54.000	40.113	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	



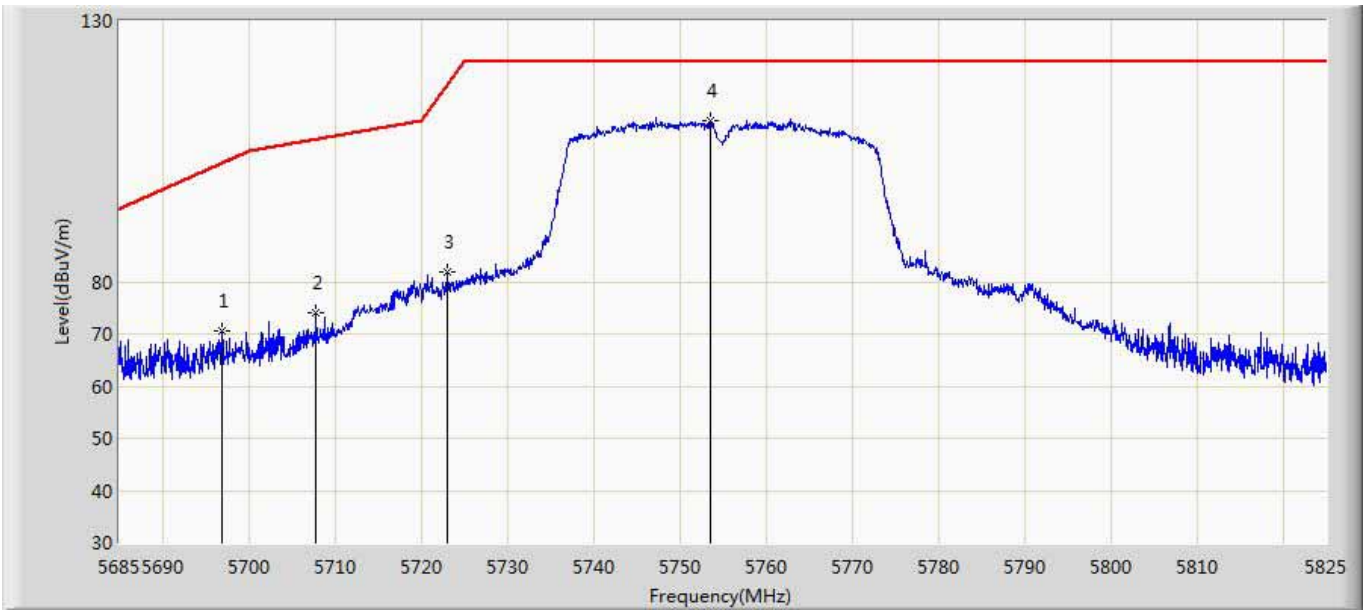
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5457.550	69.583	29.547	-4.417	74.000	40.037	PK
2		5460.000	63.068	23.034	-10.932	74.000	40.034	PK
3	*	5511.370	109.419	69.301	35.419	74.000	40.118	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:20
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



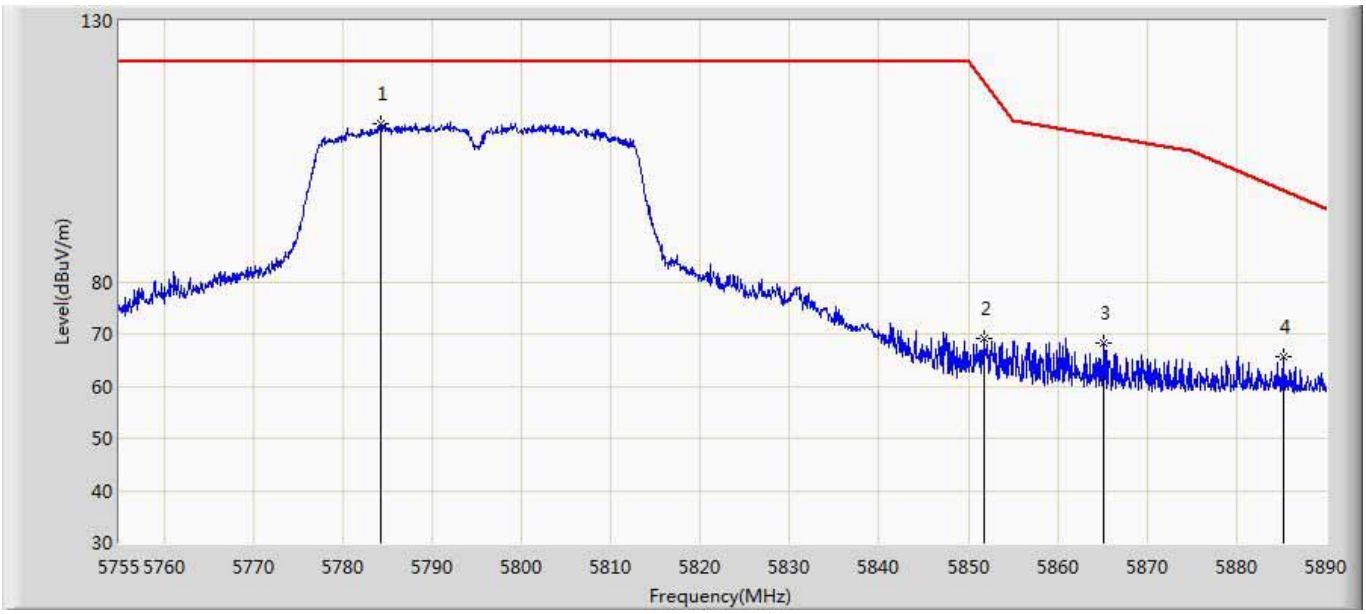
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.980	72.128	31.603	-27.877	100.005	40.525	PK
2		5716.780	81.201	40.645	-28.697	109.898	40.557	PK
3		5721.330	84.782	44.251	-29.050	113.832	40.532	PK
4	*	5752.410	113.516	72.913	-8.684	122.200	40.603	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	



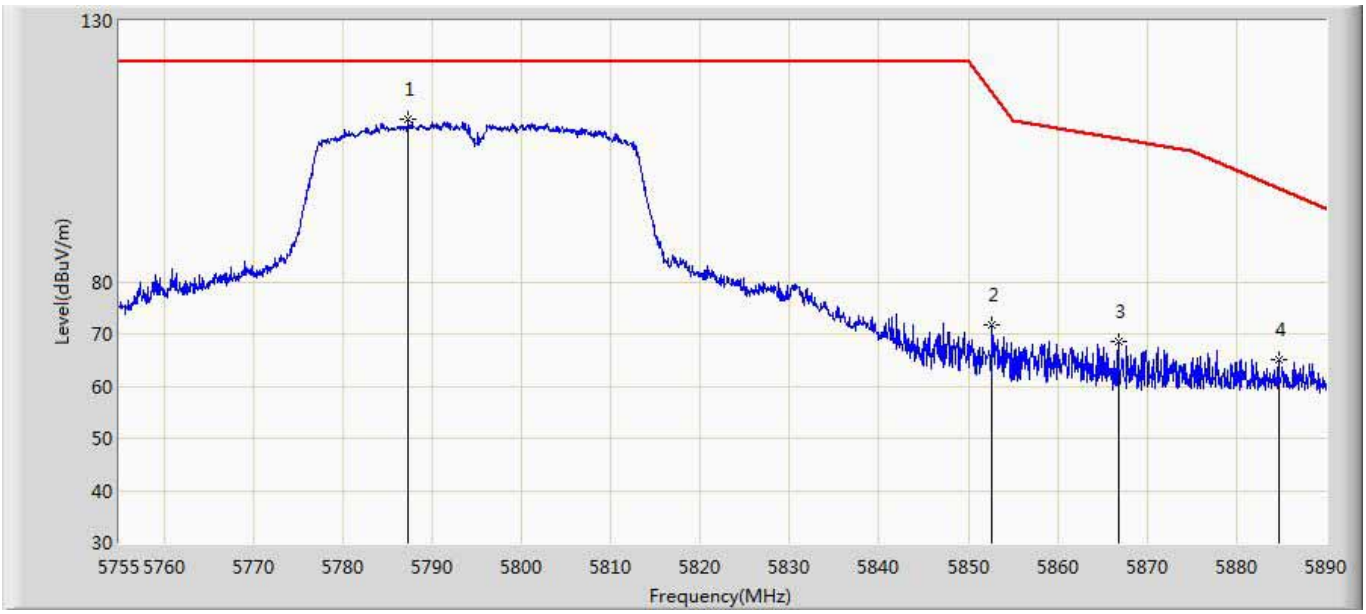
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.900	70.551	30.008	-32.355	102.906	40.543	PK
2		5707.890	74.059	33.465	-33.350	107.409	40.594	PK
3		5723.150	81.828	41.307	-36.154	117.982	40.521	PK
4	*	5753.600	110.737	70.131	-11.463	122.200	40.606	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



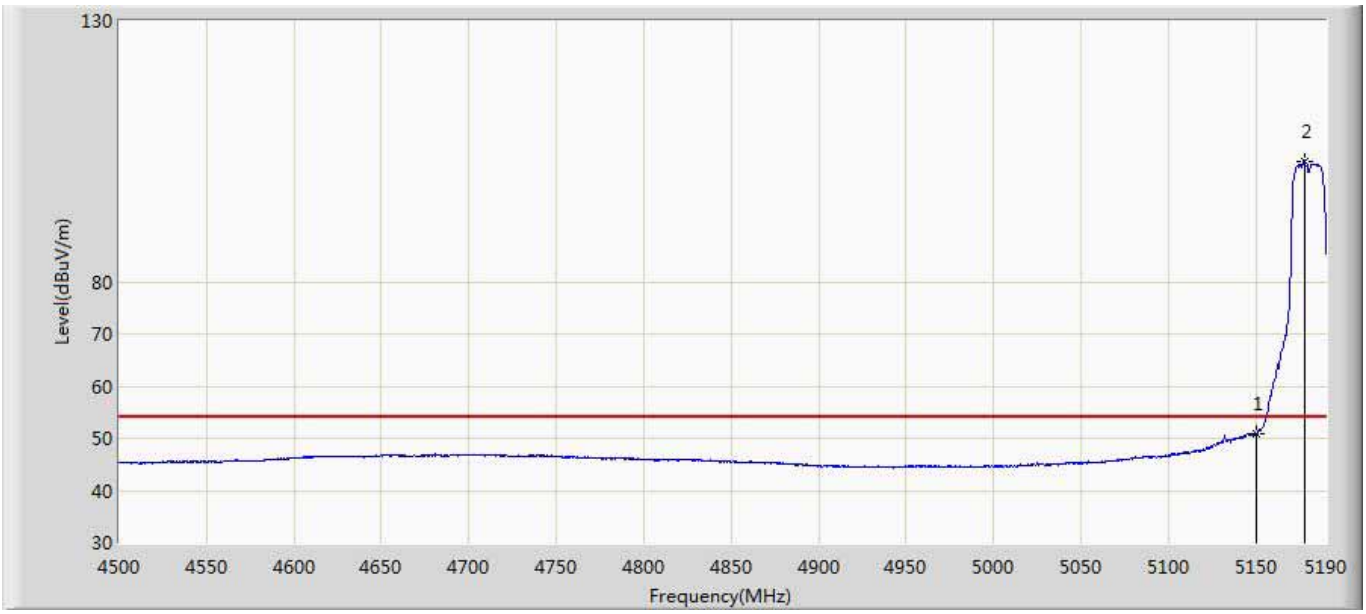
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5784.295	110.420	69.719	-11.780	122.200	40.701	PK
2		5851.728	69.191	28.340	-49.069	118.260	40.851	PK
3		5865.160	68.191	27.332	-39.764	107.955	40.859	PK
4		5885.342	65.612	24.783	-31.935	97.547	40.829	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	



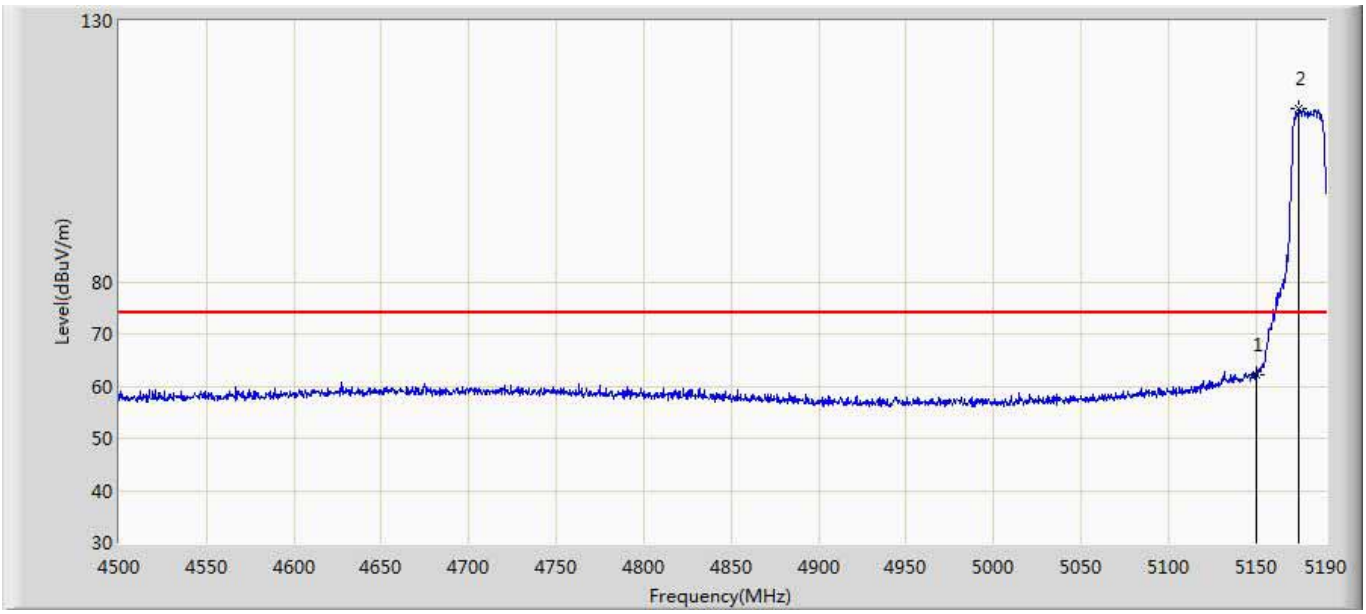
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5787.333	111.135	70.413	-11.065	122.200	40.722	PK
2		5852.672	71.825	30.972	-44.283	116.108	40.853	PK
3		5866.780	68.683	27.828	-38.819	107.502	40.855	PK
4		5884.735	65.119	24.291	-32.877	97.996	40.828	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



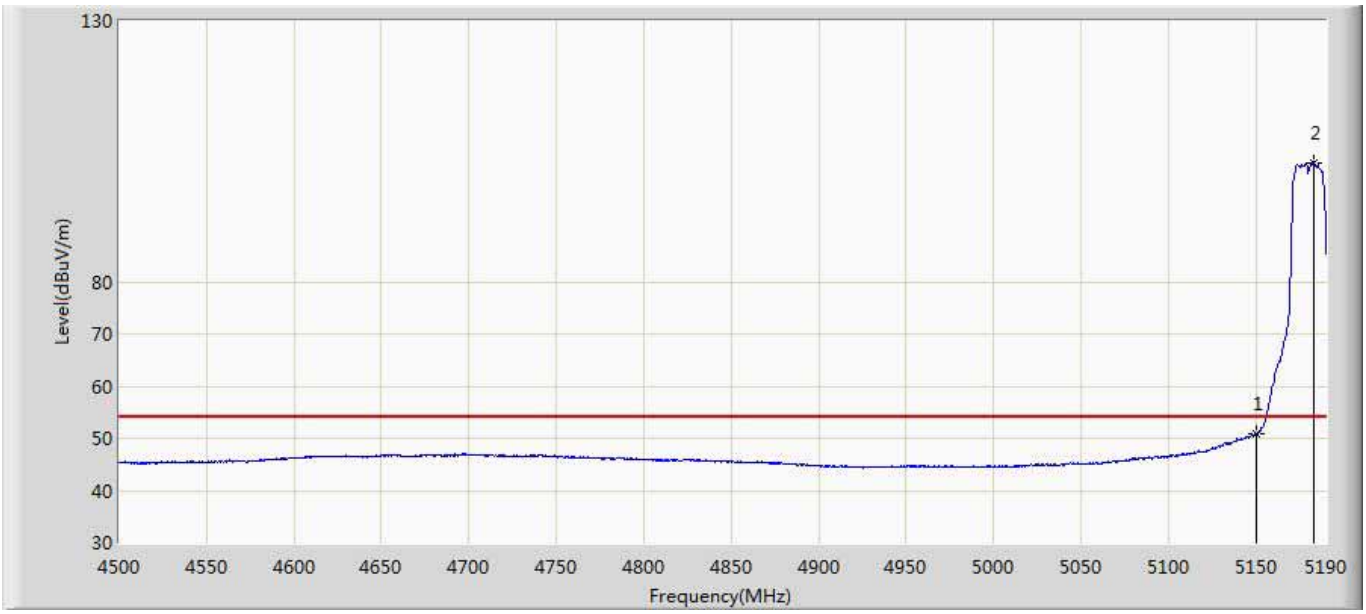
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.882	11.348	-3.118	54.000	39.534	AV
2	*	5177.925	103.153	63.568	49.153	54.000	39.585	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



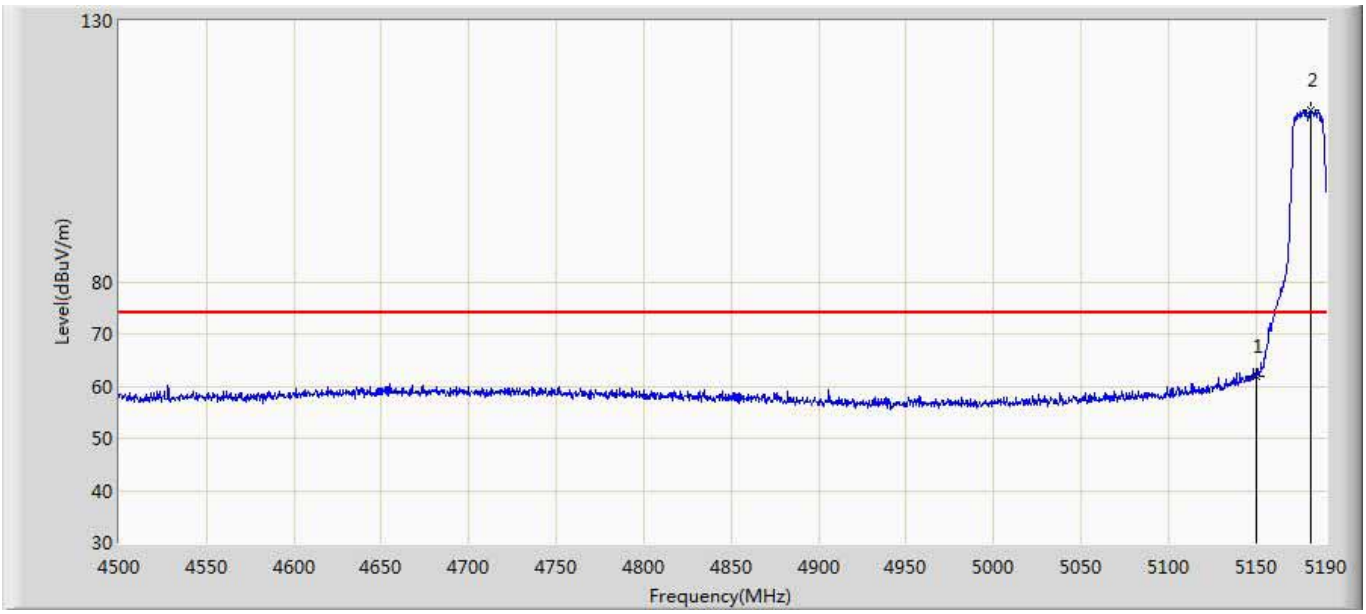
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.138	22.604	-11.862	74.000	39.534	PK
2	*	5174.820	113.144	73.535	39.144	74.000	39.610	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



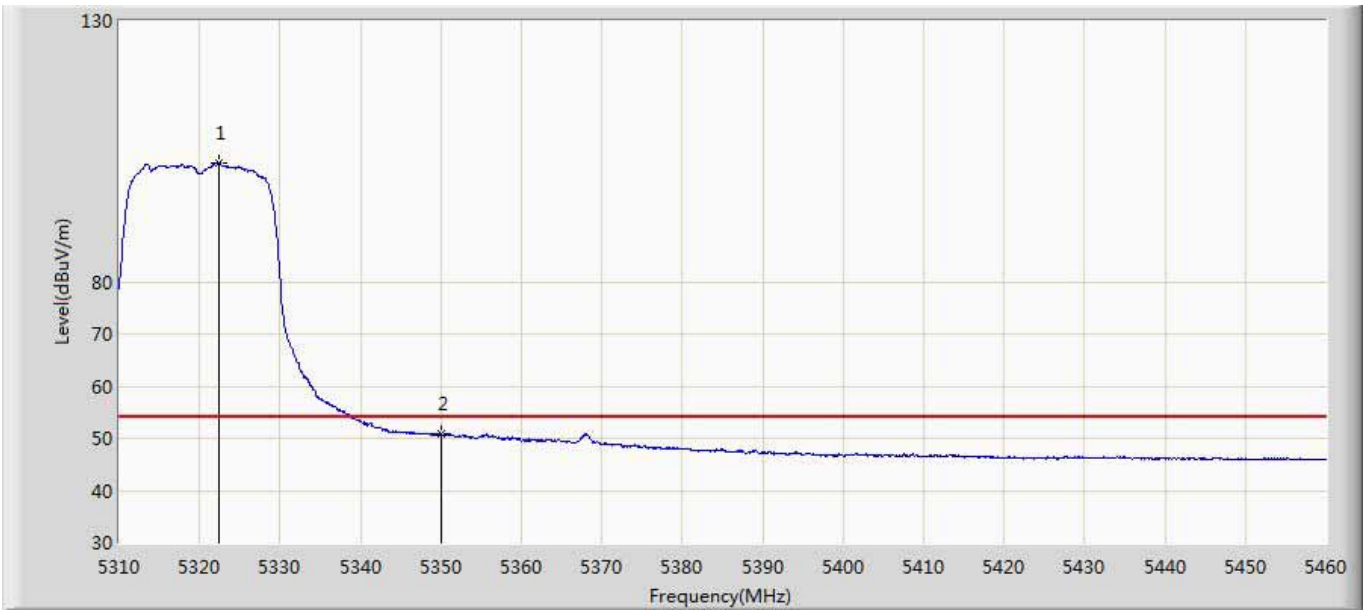
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.969	11.435	-3.031	54.000	39.534	AV
2	*	5183.100	102.841	63.277	48.841	54.000	39.564	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	



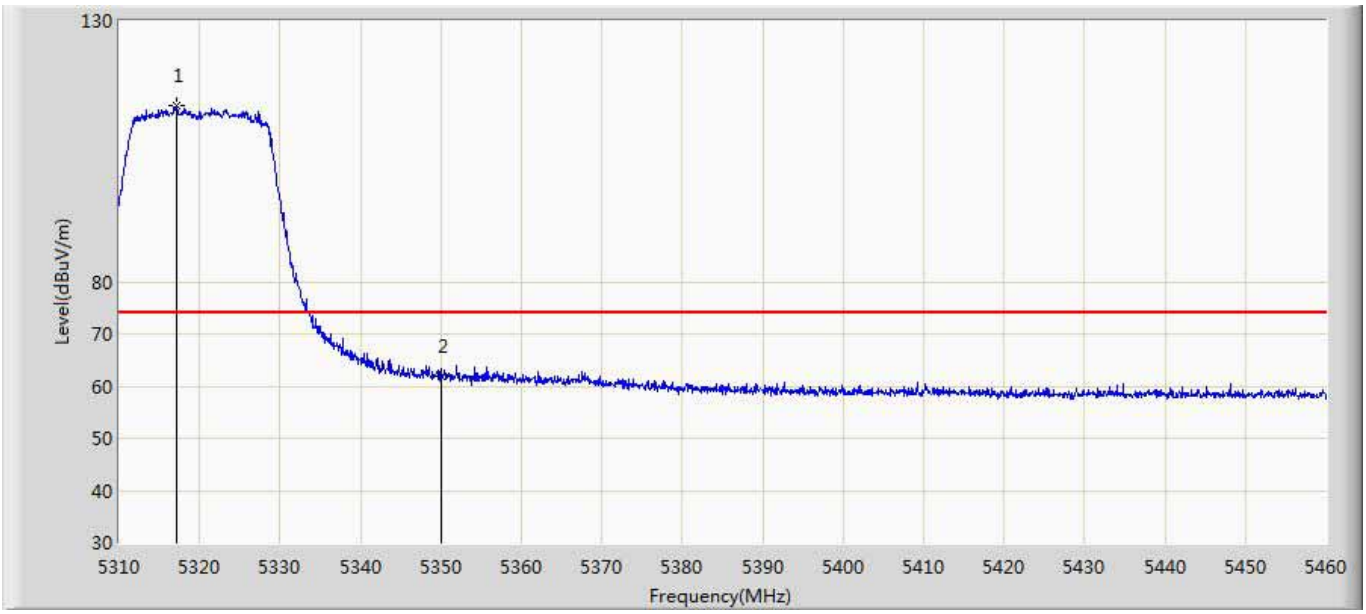
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.796	22.262	-12.204	74.000	39.534	PK
2	*	5181.030	112.801	73.240	38.801	74.000	39.561	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



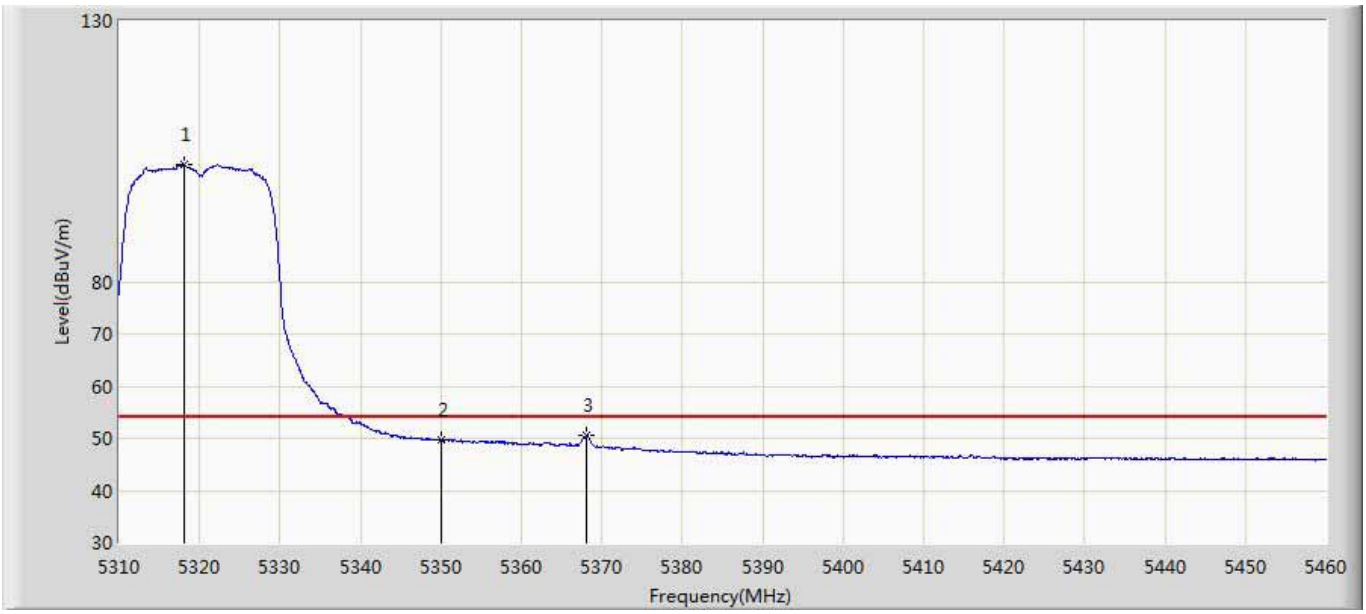
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.375	102.835	62.918	48.835	54.000	39.917	AV
2		5350.000	50.793	10.922	-3.207	54.000	39.871	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



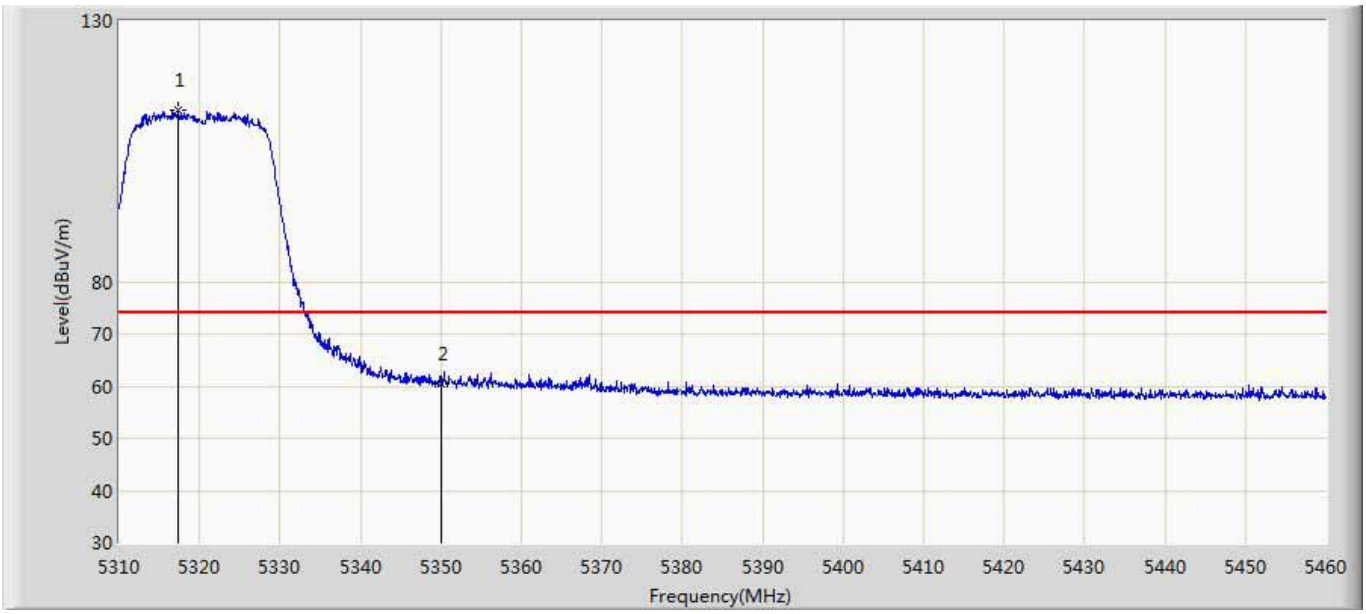
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.200	113.721	73.791	39.721	74.000	39.929	PK
2		5350.000	61.753	21.882	-12.247	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



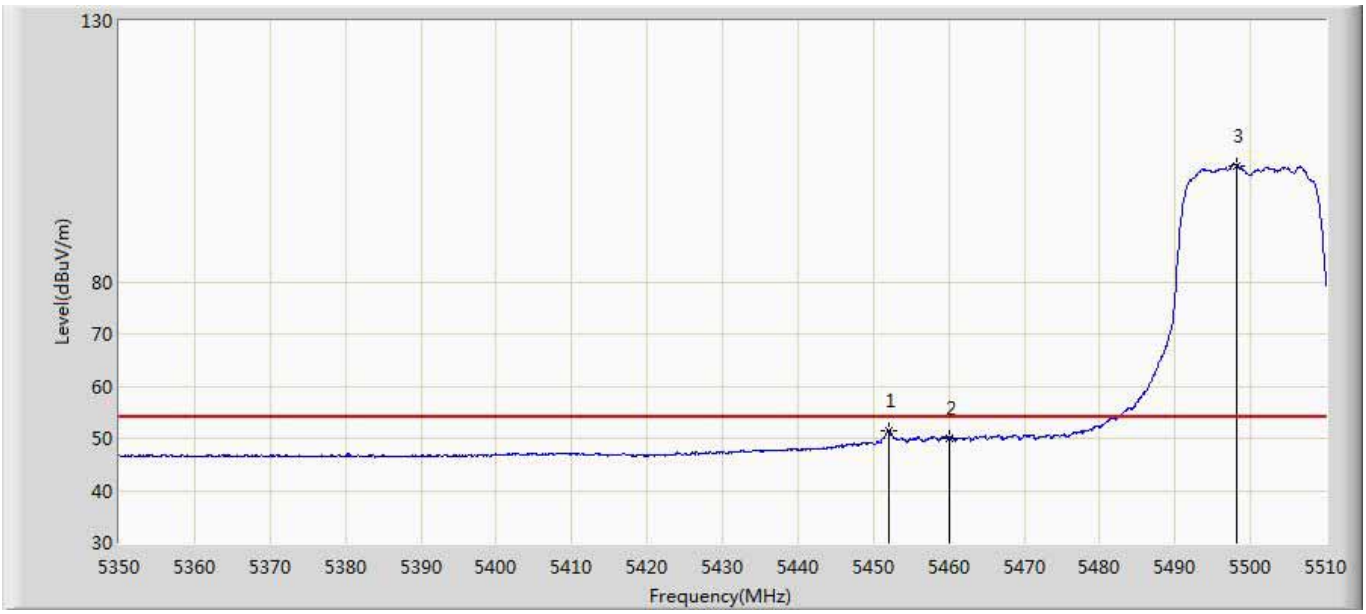
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.100	102.325	62.391	48.325	54.000	39.934	AV
2		5350.000	49.693	9.822	-4.307	54.000	39.871	AV
3		5368.125	50.466	10.569	-3.534	54.000	39.897	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	



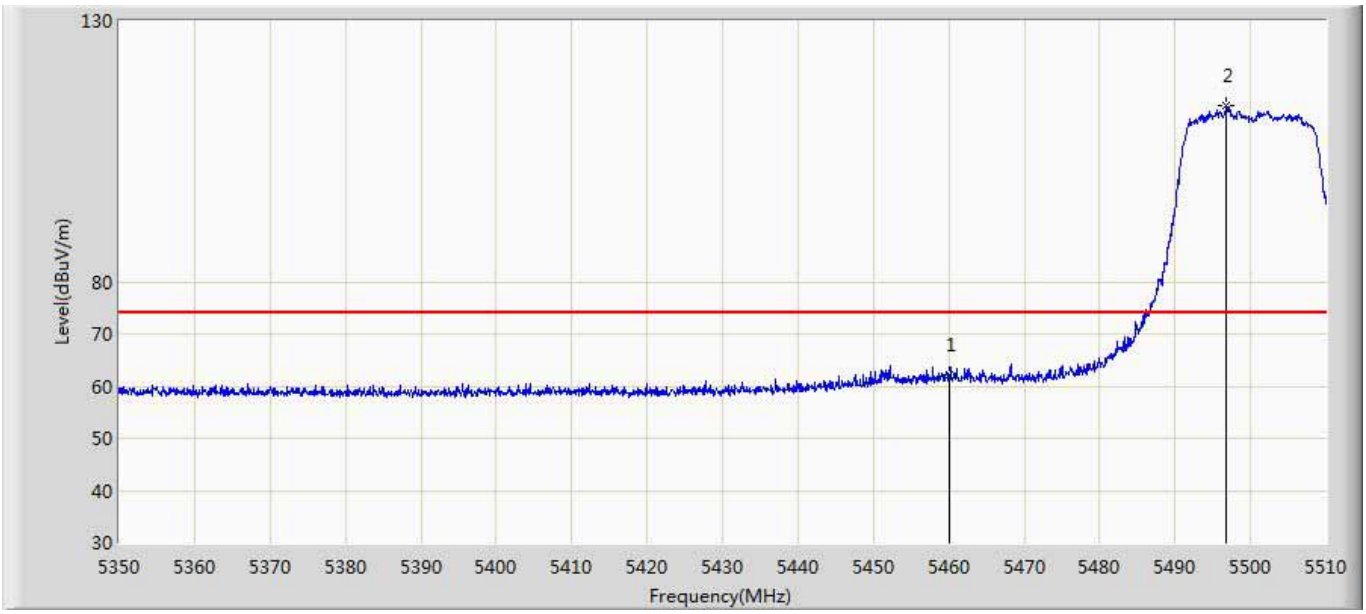
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.275	112.817	72.887	38.817	74.000	39.930	PK
2		5350.000	60.371	20.500	-13.629	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



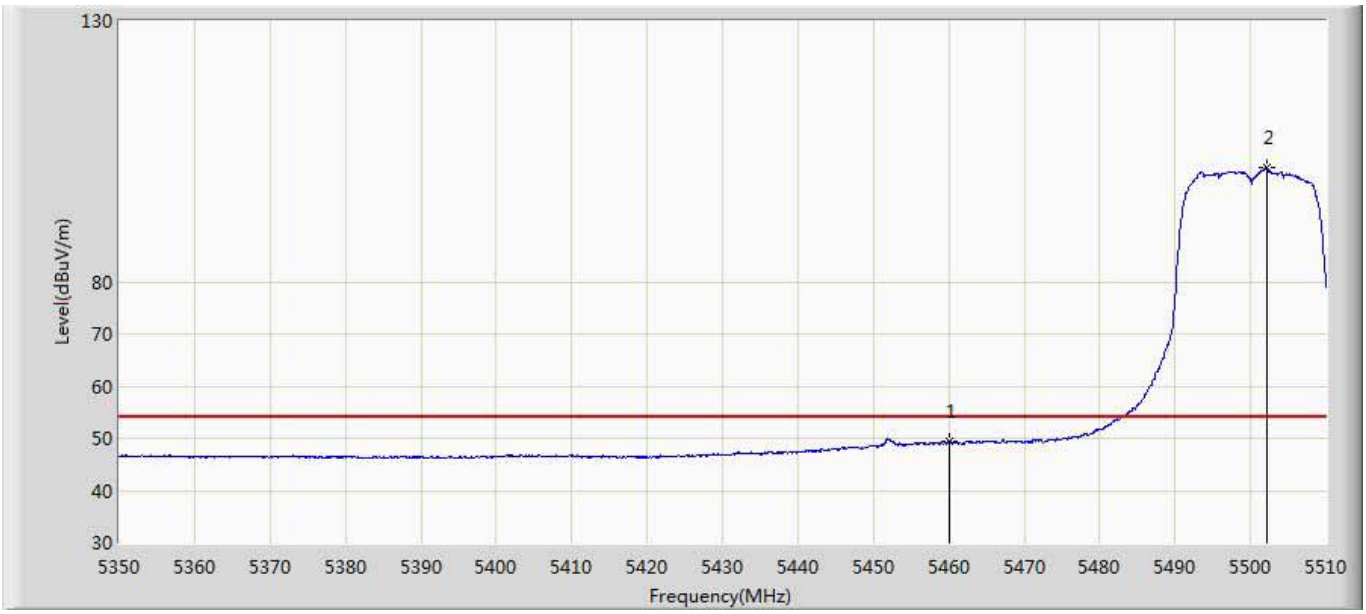
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5452.080	50.940	10.904	-3.060	54.000	40.036	AV
2		5460.000	50.056	10.022	-3.944	54.000	40.034	AV
3	*	5498.160	102.268	62.137	48.268	54.000	40.130	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



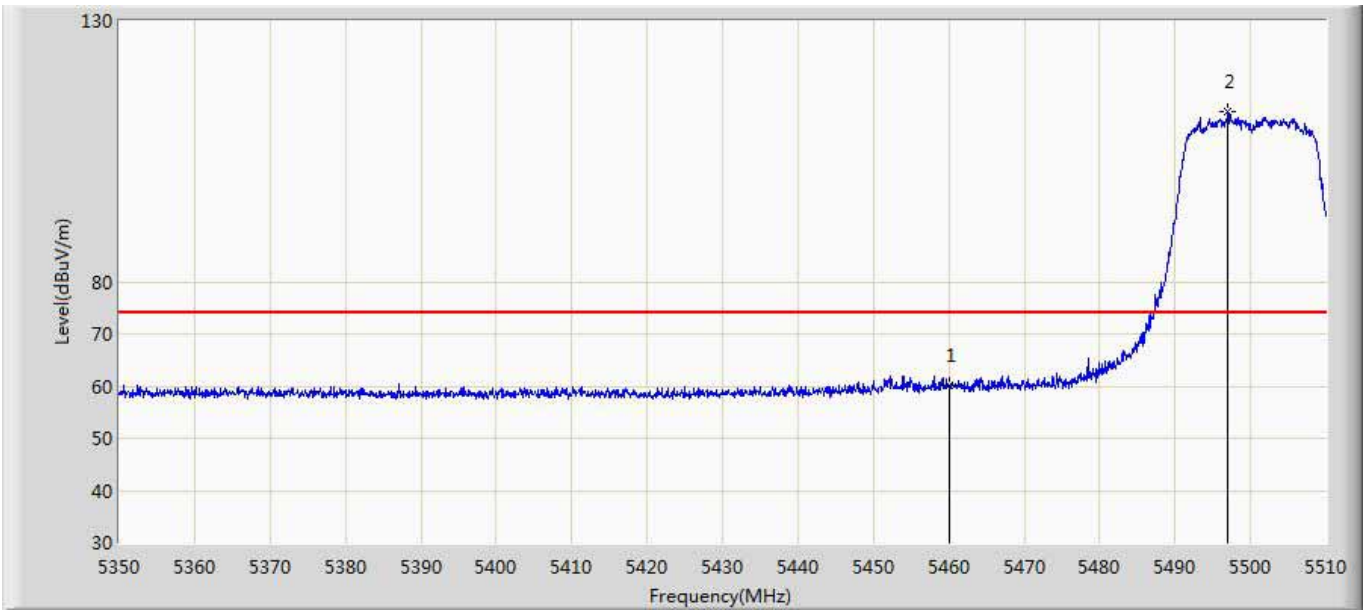
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.162	22.128	-11.838	74.000	40.034	PK
2	*	5496.800	113.787	73.653	39.787	74.000	40.135	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



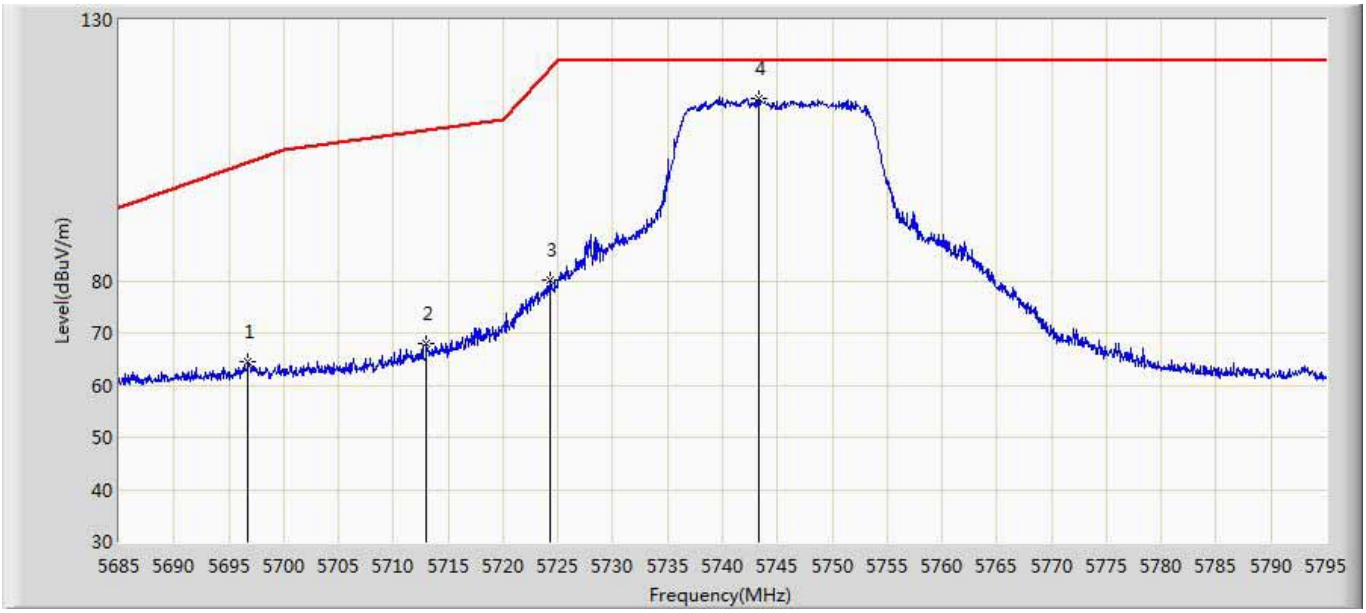
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.330	9.296	-4.670	54.000	40.034	AV
2	*	5502.160	101.787	61.668	47.787	54.000	40.119	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	



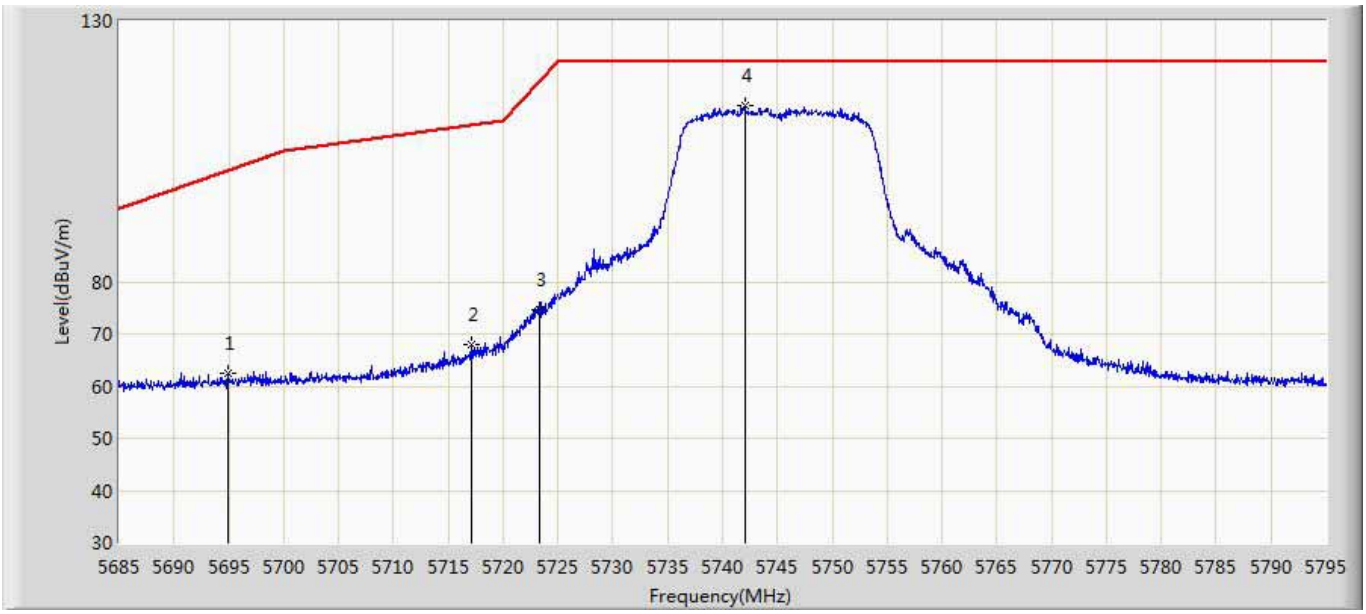
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.034	20.000	-13.966	74.000	40.034	PK
2	*	5497.040	112.588	72.454	38.588	74.000	40.134	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:28
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



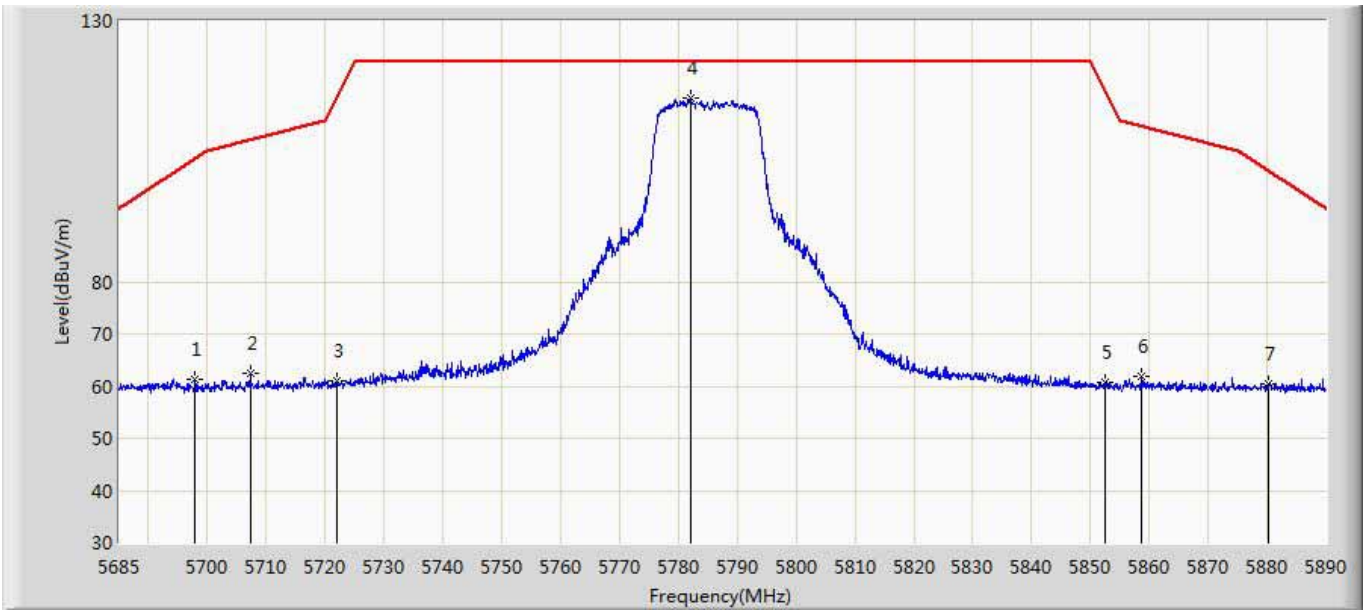
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.770	64.532	23.989	-38.278	102.810	40.543	PK
2		5713.050	68.023	27.446	-40.831	108.854	40.576	PK
3		5724.270	80.100	39.585	-40.435	120.536	40.516	PK
4	*	5743.245	114.785	74.202	-7.415	122.200	40.582	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:30
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	



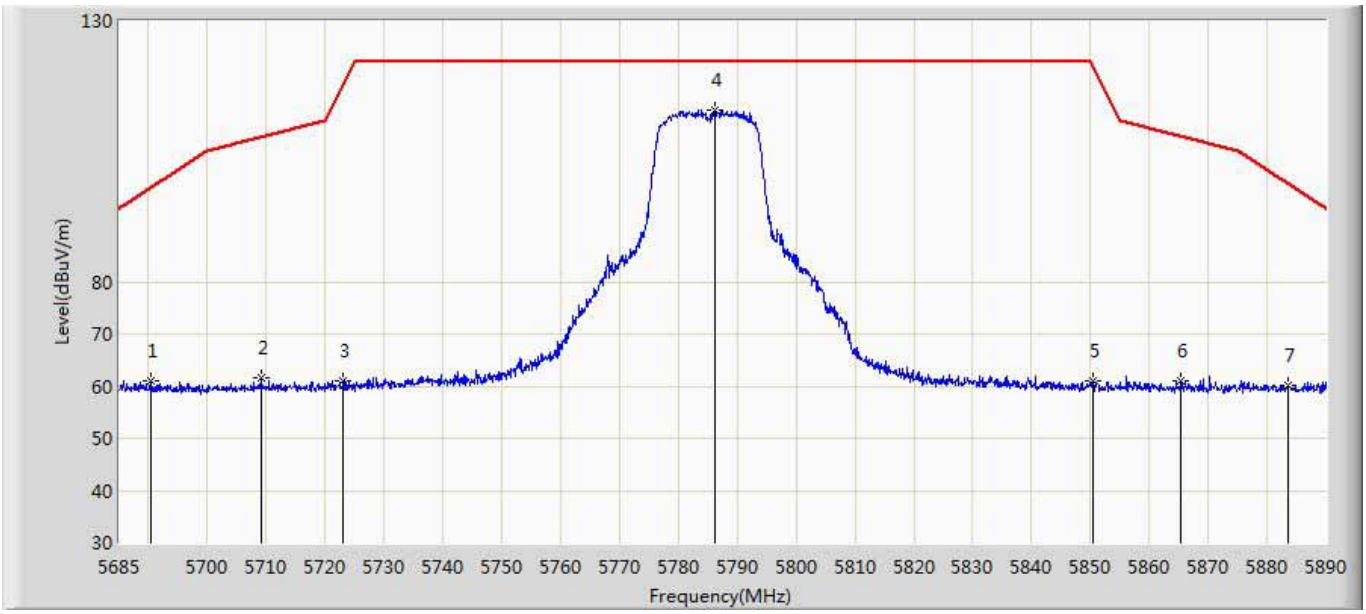
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.900	62.368	21.834	-39.058	101.426	40.534	PK
2		5717.175	67.944	27.390	-42.065	110.009	40.554	PK
3		5723.335	74.612	34.092	-43.791	118.404	40.520	PK
4	*	5742.035	113.697	73.119	-8.503	122.200	40.578	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:31
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



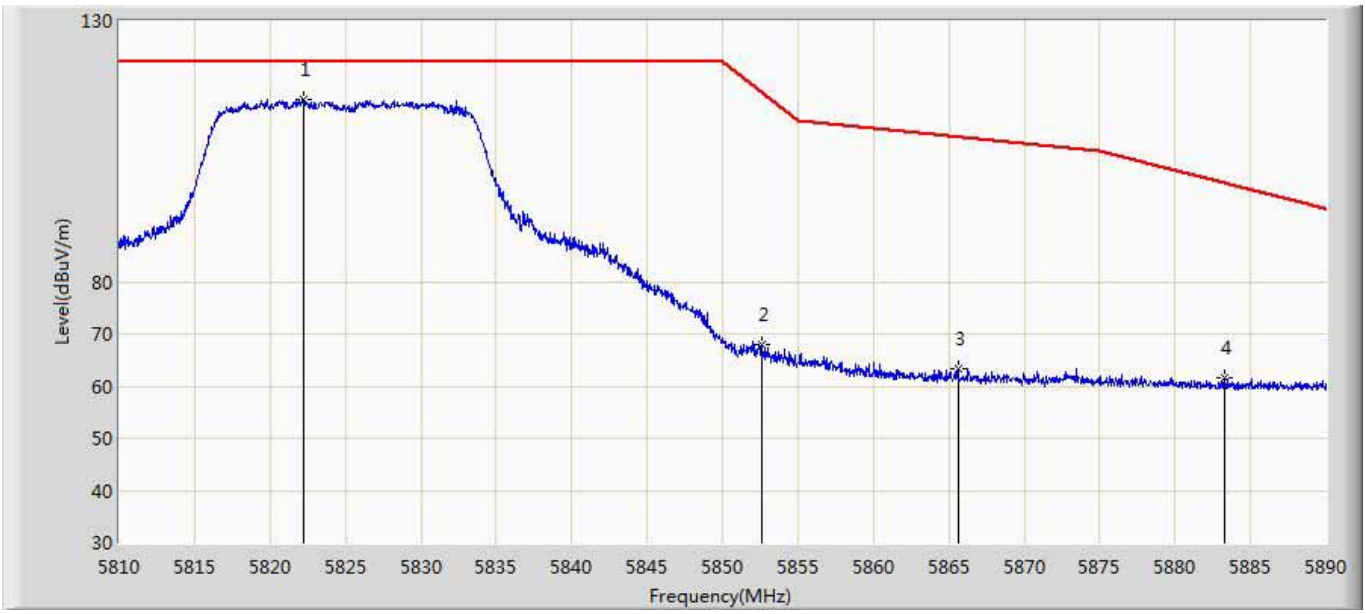
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5697.915	61.418	20.870	-42.239	103.657	40.548	PK
2		5707.243	62.501	21.910	-44.727	107.228	40.592	PK
3		5722.105	60.907	20.380	-54.692	115.599	40.527	PK
4	*	5782.170	115.116	74.429	-7.084	122.200	40.687	PK
5		5852.587	60.794	19.941	-55.508	116.302	40.853	PK
6		5858.737	61.821	20.959	-47.933	109.754	40.862	PK
7		5880.365	60.333	19.508	-40.897	101.230	40.825	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	



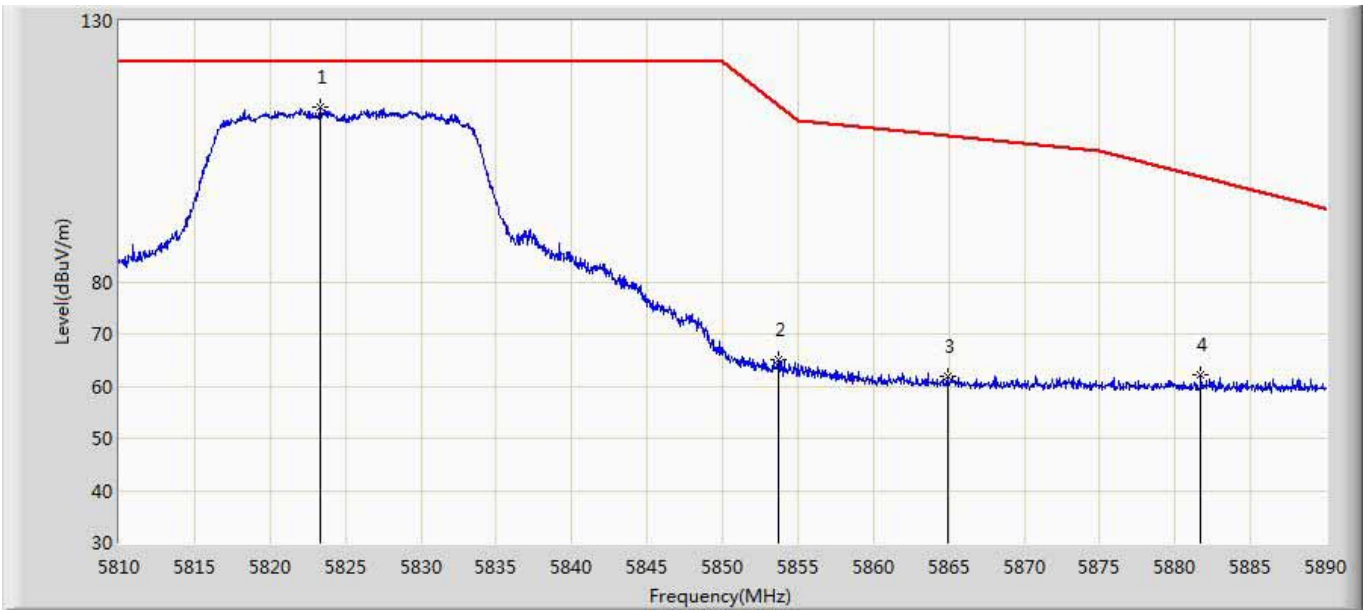
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5690.330	60.895	20.377	-37.149	98.044	40.518	PK
2		5709.087	61.503	20.904	-46.242	107.744	40.599	PK
3		5723.130	61.070	20.548	-56.867	117.936	40.521	PK
4	*	5786.270	113.027	72.312	-9.173	122.200	40.714	PK
5		5850.333	61.096	20.247	-60.345	121.441	40.850	PK
6		5865.400	60.955	20.097	-46.933	107.888	40.859	PK
7		5883.542	60.033	19.206	-38.846	98.879	40.827	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:35
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



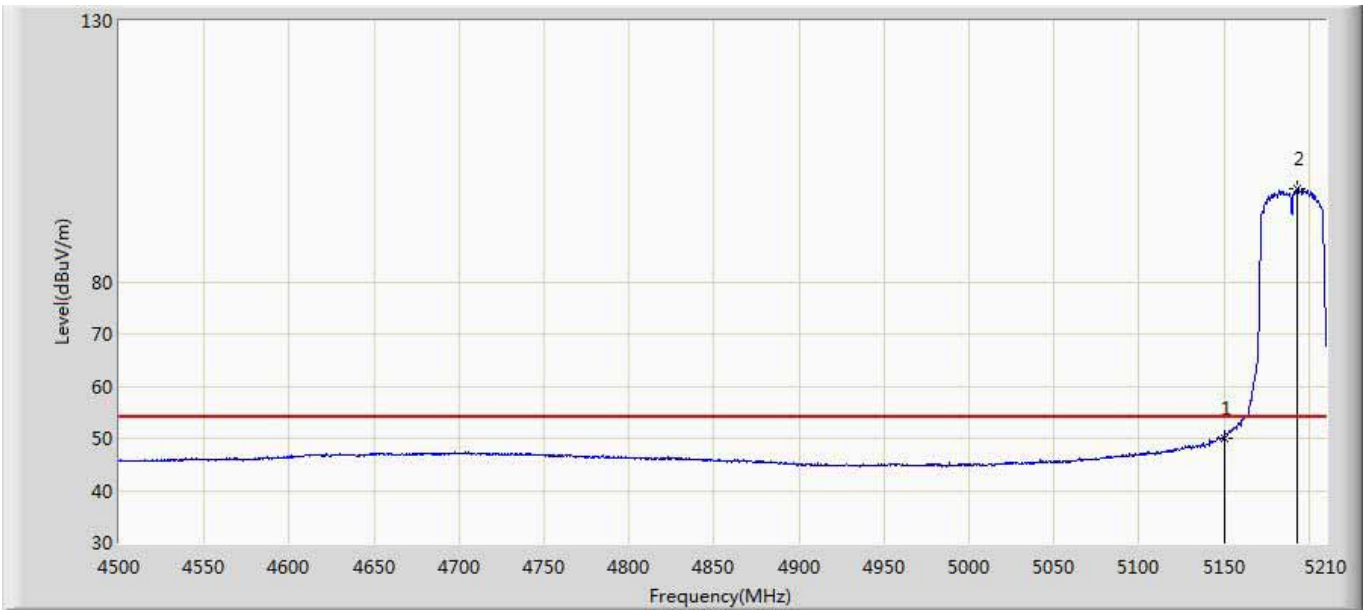
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5822.240	114.974	74.240	-7.226	122.200	40.734	PK
2		5852.640	68.055	27.202	-48.126	116.181	40.853	PK
3		5865.600	63.447	22.589	-44.385	107.832	40.858	PK
4		5883.320	61.581	20.754	-37.462	99.043	40.827	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:37
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	



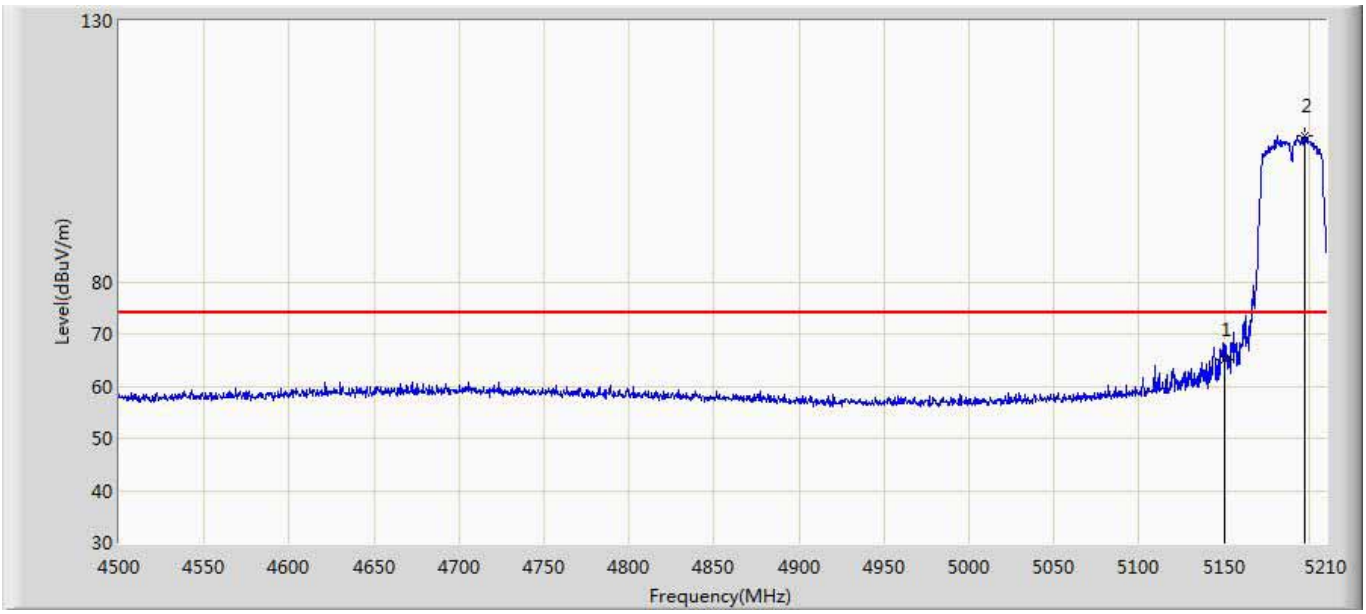
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.360	113.549	72.819	-8.651	122.200	40.730	PK
2		5853.720	65.215	24.361	-48.503	113.718	40.854	PK
3		5864.920	61.880	21.020	-46.143	108.022	40.860	PK
4		5881.720	62.168	21.342	-38.059	100.227	40.826	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



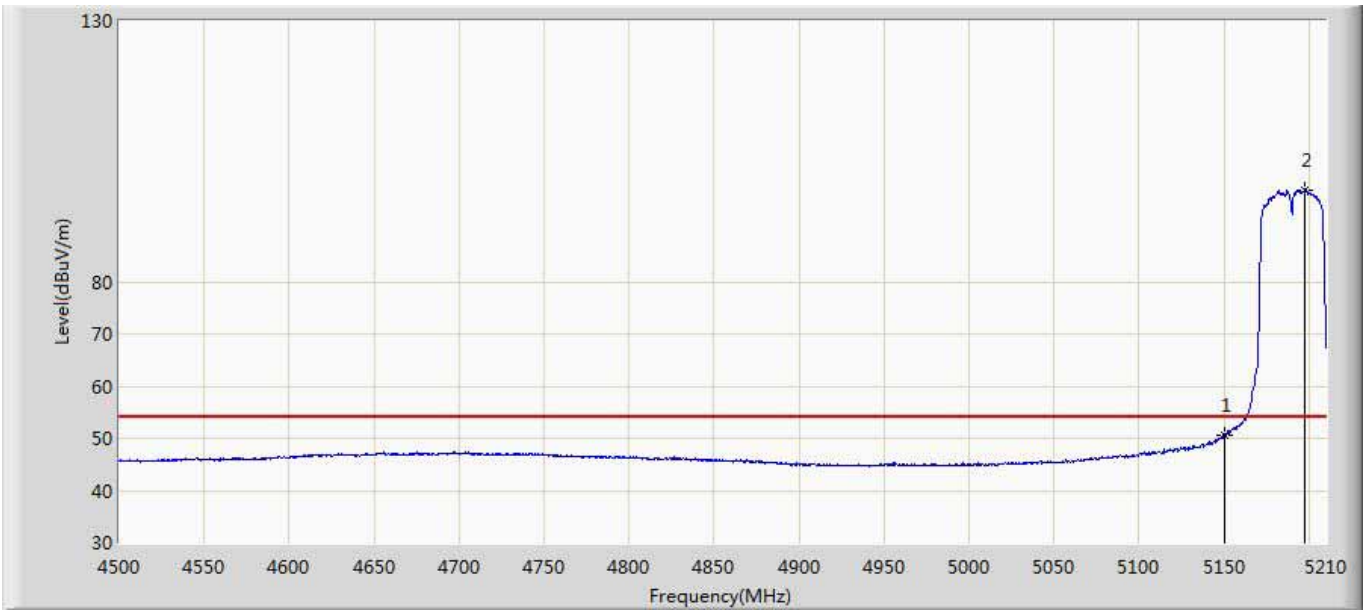
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.112	10.578	-3.888	54.000	39.534	AV
2	*	5193.315	97.873	58.216	43.873	54.000	39.656	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



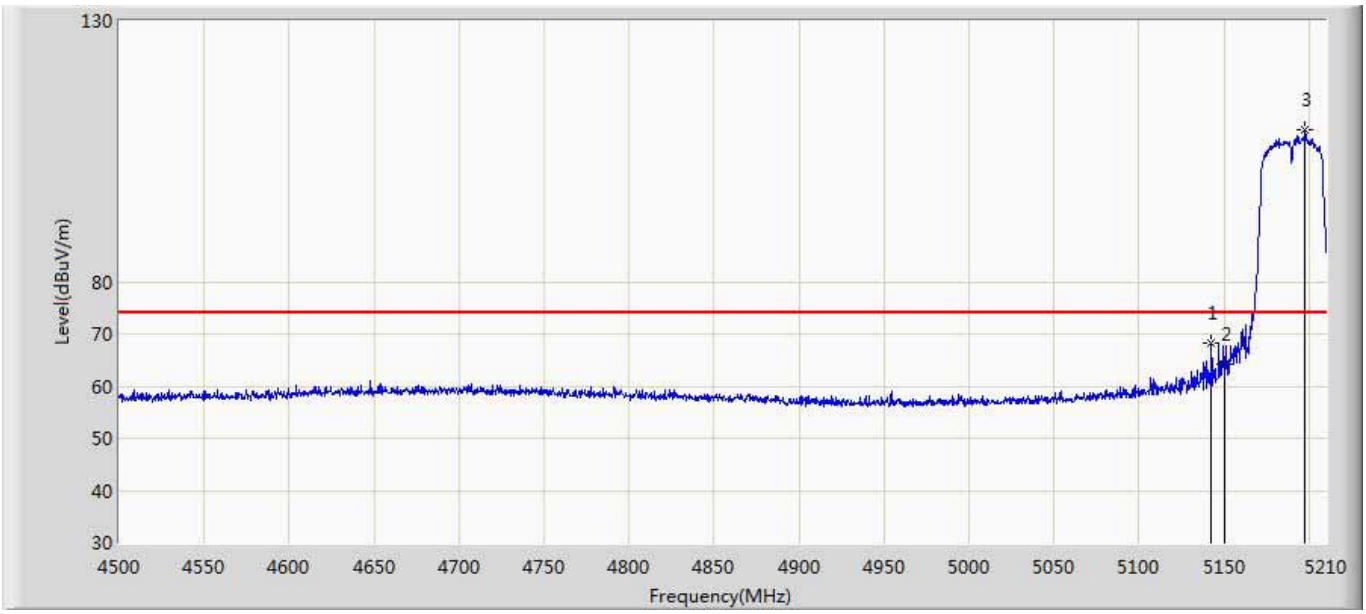
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.144	25.610	-8.856	74.000	39.534	PK
2	*	5197.930	108.115	68.416	34.115	74.000	39.699	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 19:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



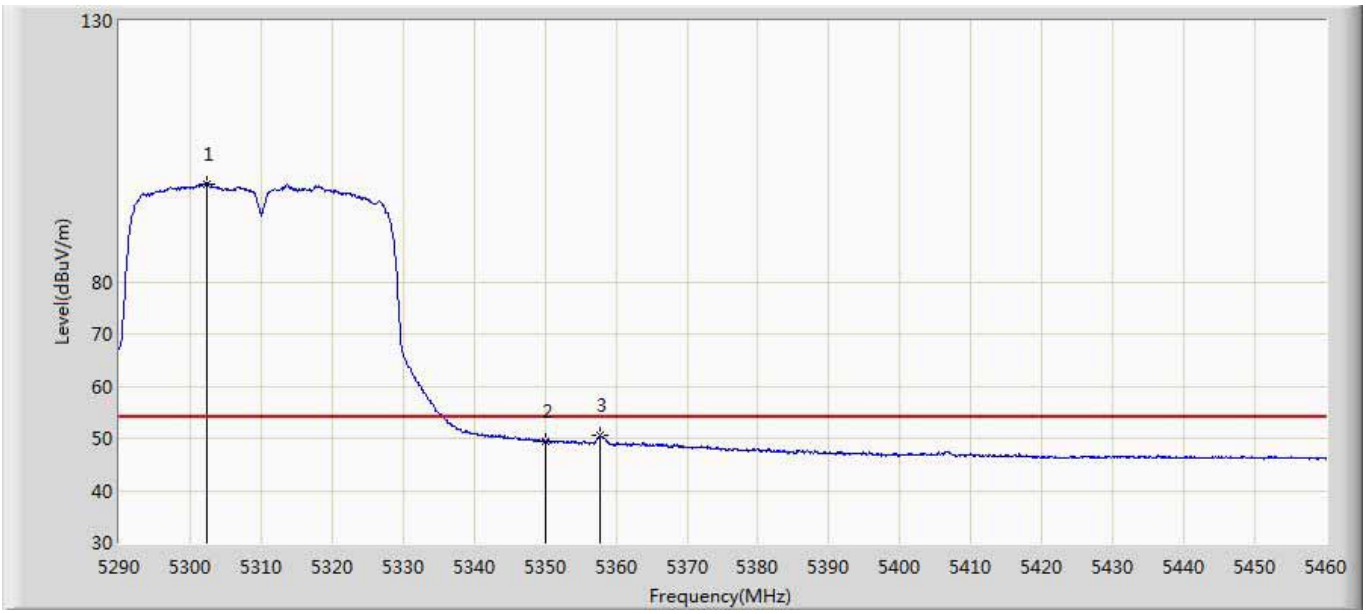
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.702	11.168	-3.298	54.000	39.534	AV
2	*	5197.575	97.671	57.976	43.671	54.000	39.696	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	



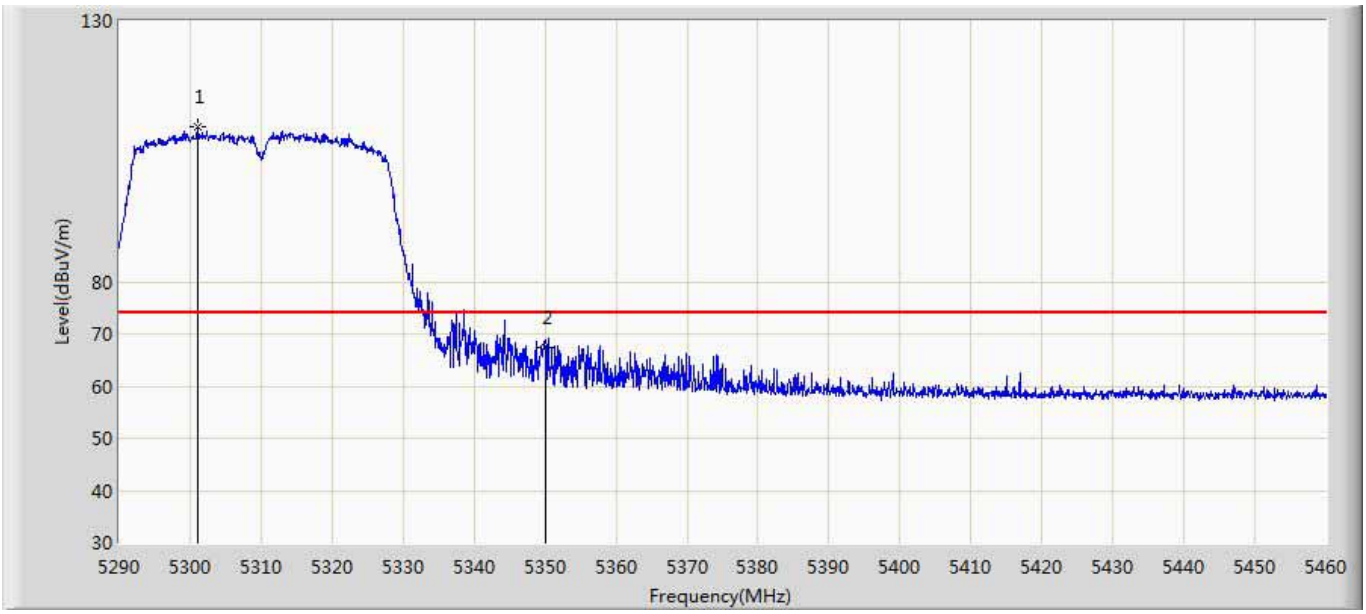
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5142.550	68.370	28.866	-5.630	74.000	39.504	PK
2		5150.000	64.227	24.693	-9.773	74.000	39.534	PK
3	*	5197.930	109.091	69.392	35.091	74.000	39.699	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



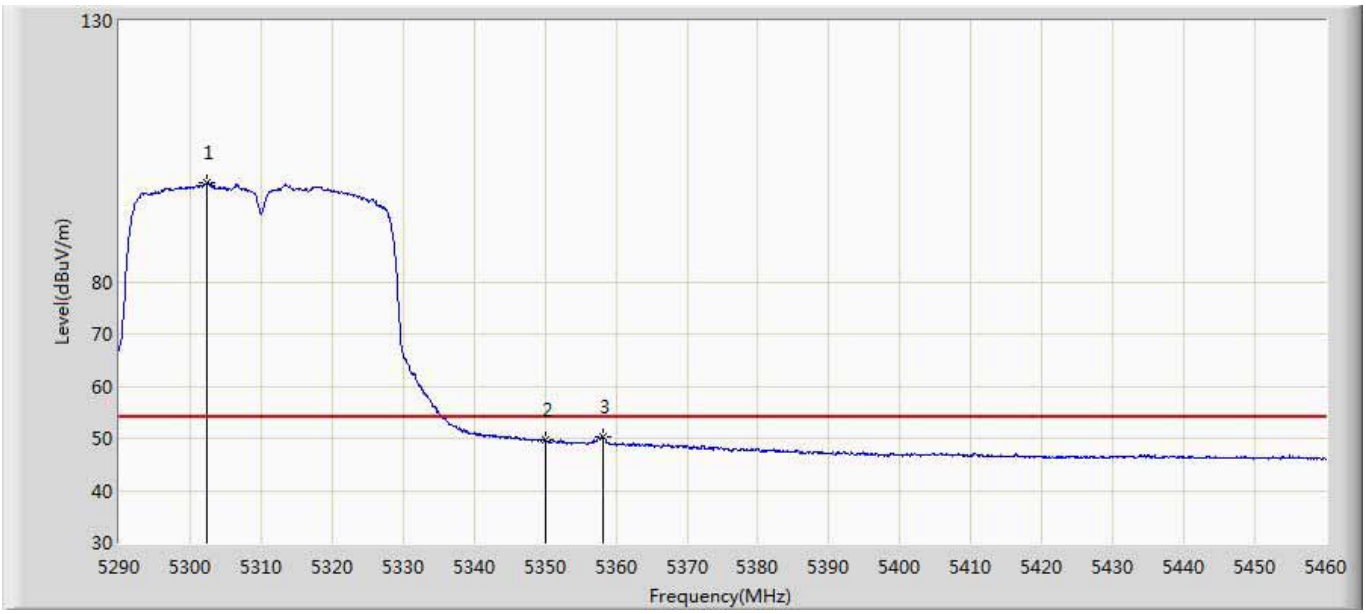
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5302.410	98.797	58.964	44.797	54.000	39.832	AV
2		5350.000	49.314	9.443	-4.686	54.000	39.871	AV
3		5357.830	50.438	10.558	-3.562	54.000	39.881	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



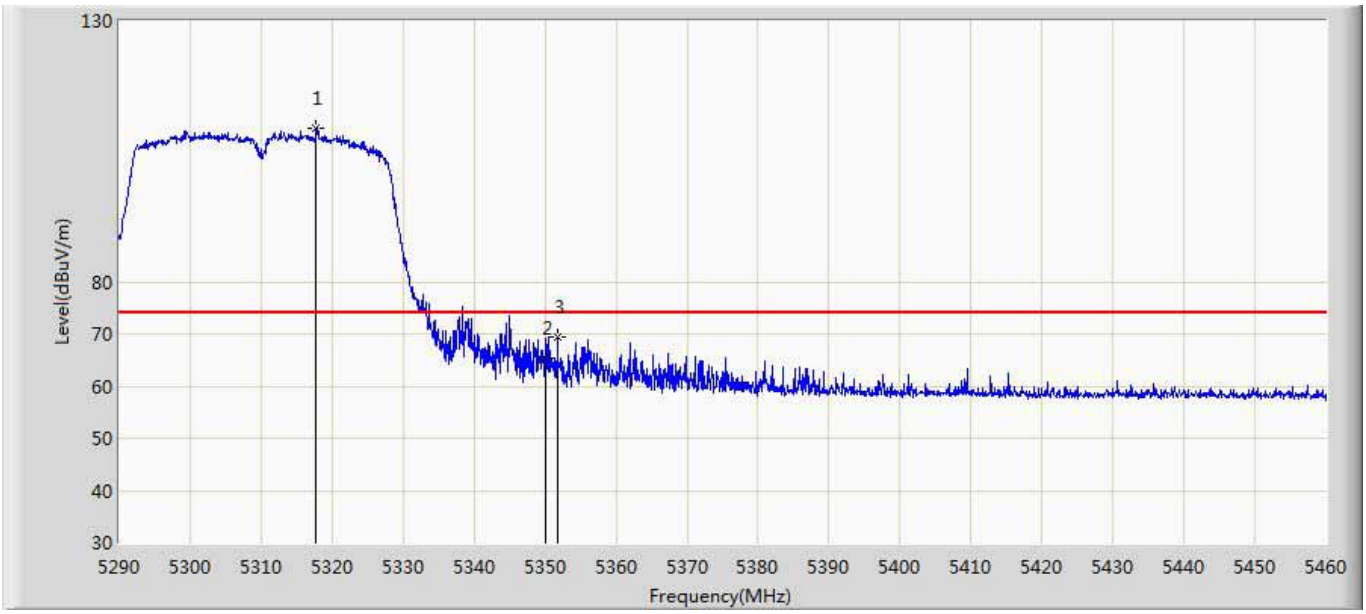
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.135	109.708	69.884	35.708	74.000	39.824	PK
2		5350.000	67.523	27.652	-6.477	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



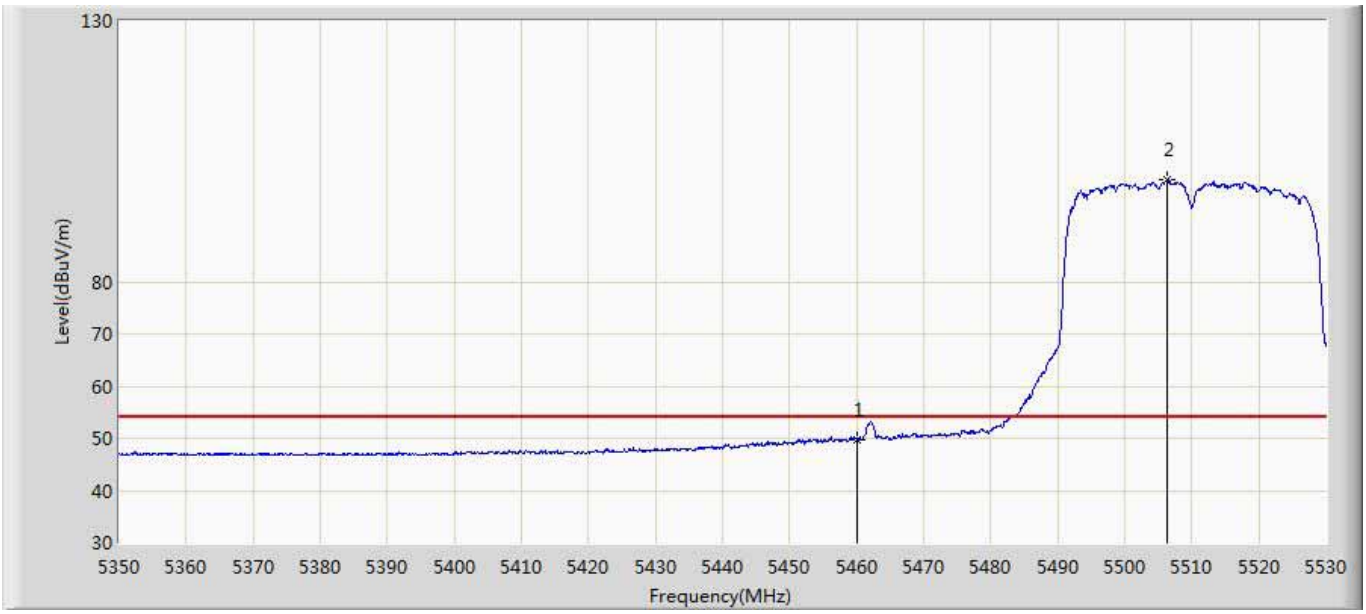
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5302.325	98.886	59.054	44.886	54.000	39.832	AV
2		5350.000	49.655	9.784	-4.345	54.000	39.871	AV
3		5358.255	50.185	10.304	-3.815	54.000	39.881	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	



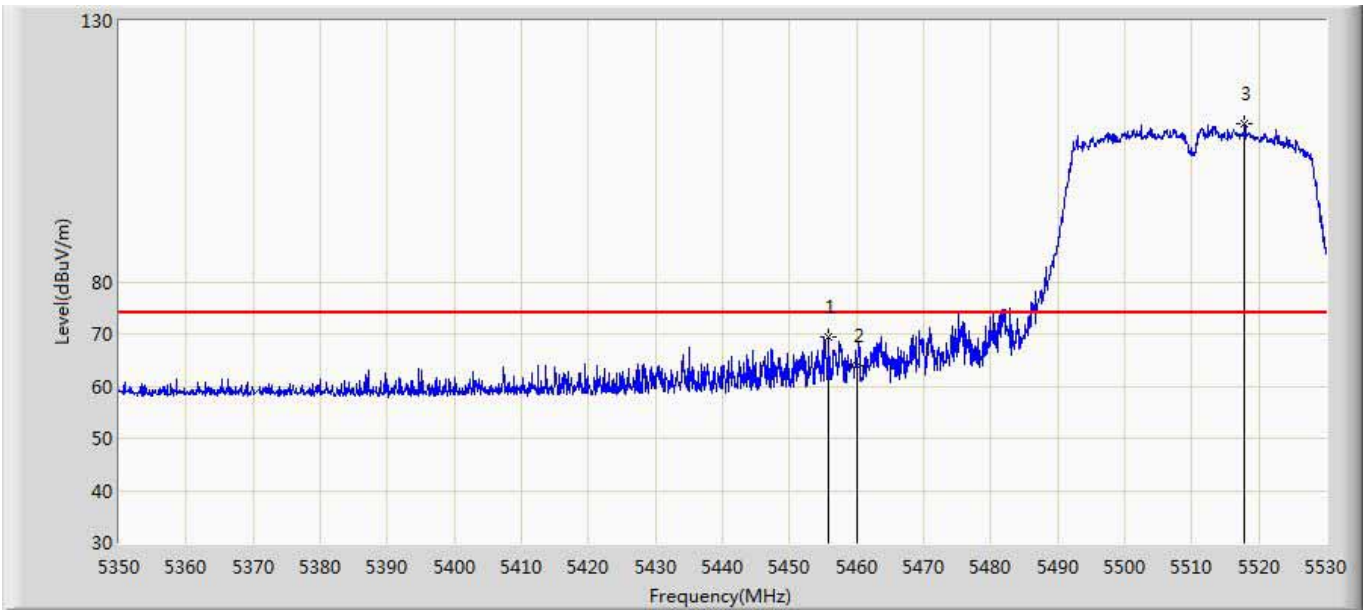
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.795	109.465	69.531	35.465	74.000	39.934	PK
2		5350.000	65.424	25.553	-8.576	74.000	39.871	PK
3		5351.795	69.293	29.422	-4.707	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



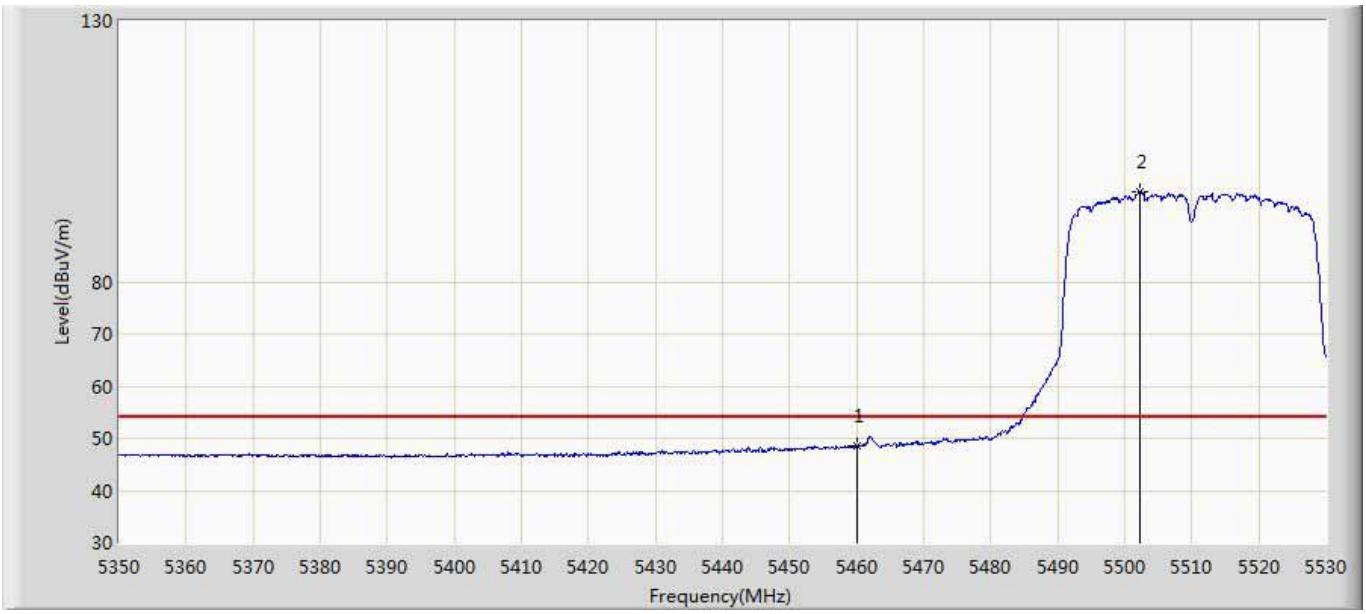
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.828	9.794	-4.172	54.000	40.034	AV
2	*	5506.330	99.459	59.346	45.459	54.000	40.113	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



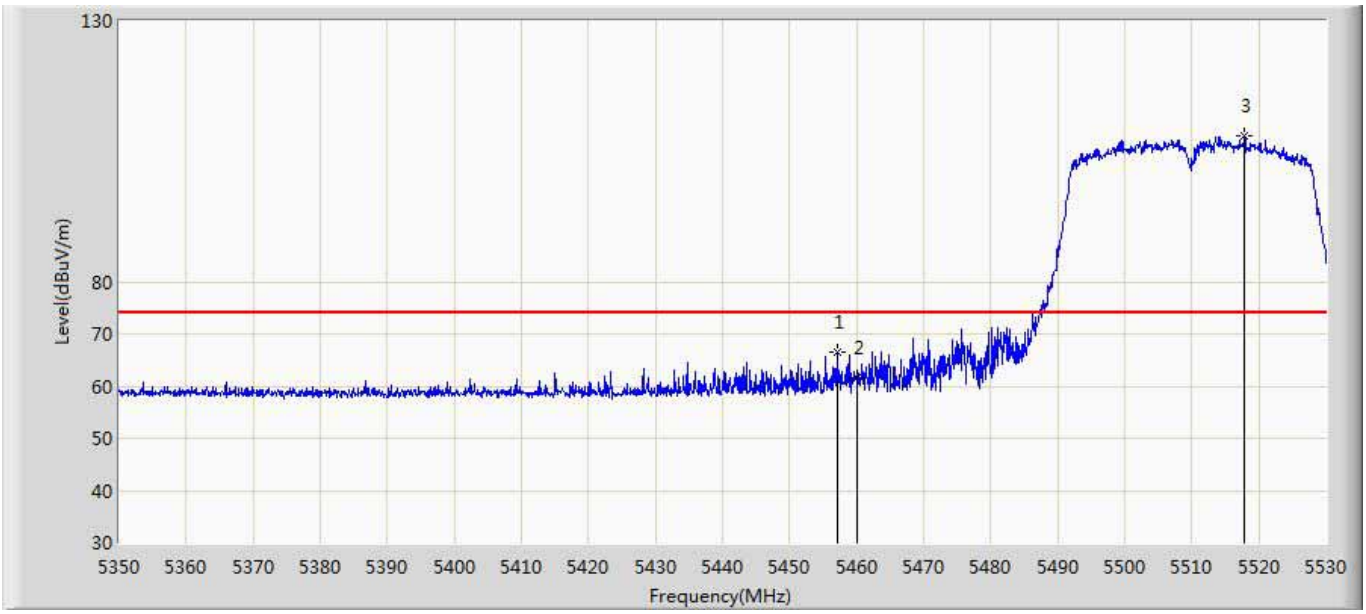
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5455.750	69.411	29.373	-4.589	74.000	40.038	PK
2		5460.000	63.848	23.814	-10.152	74.000	40.034	PK
3	*	5517.850	110.296	70.171	36.296	74.000	40.125	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



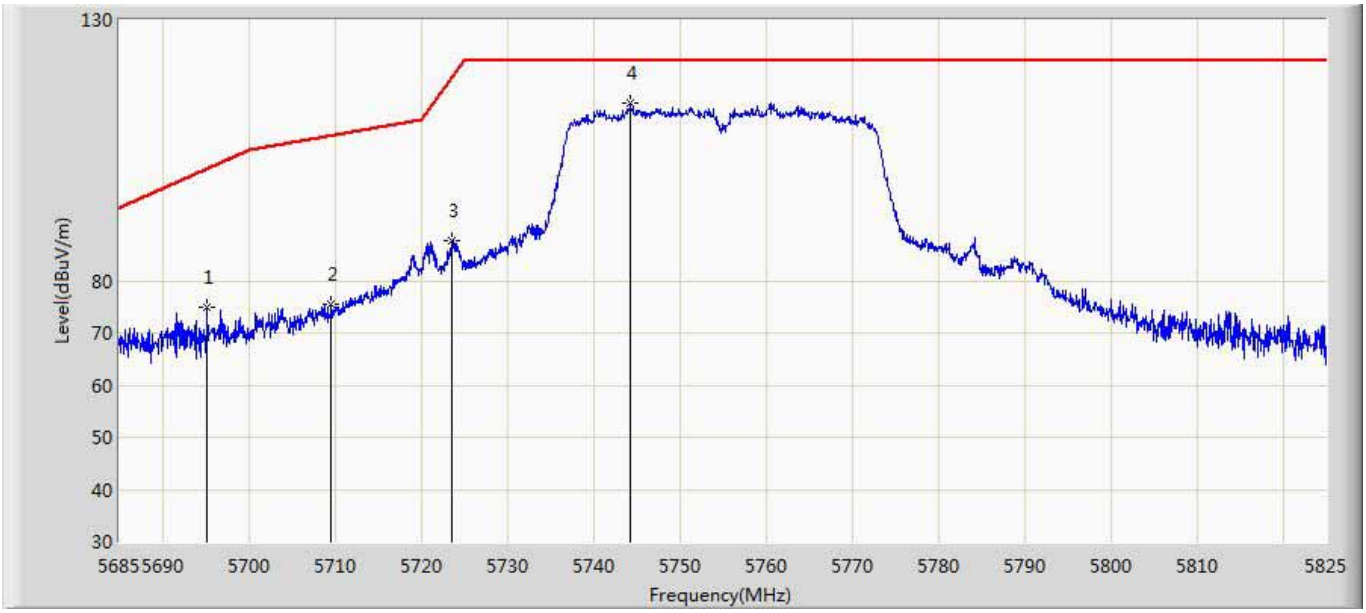
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	48.625	8.591	-5.375	54.000	40.034	AV
2	*	5502.280	97.286	57.167	43.286	54.000	40.119	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	



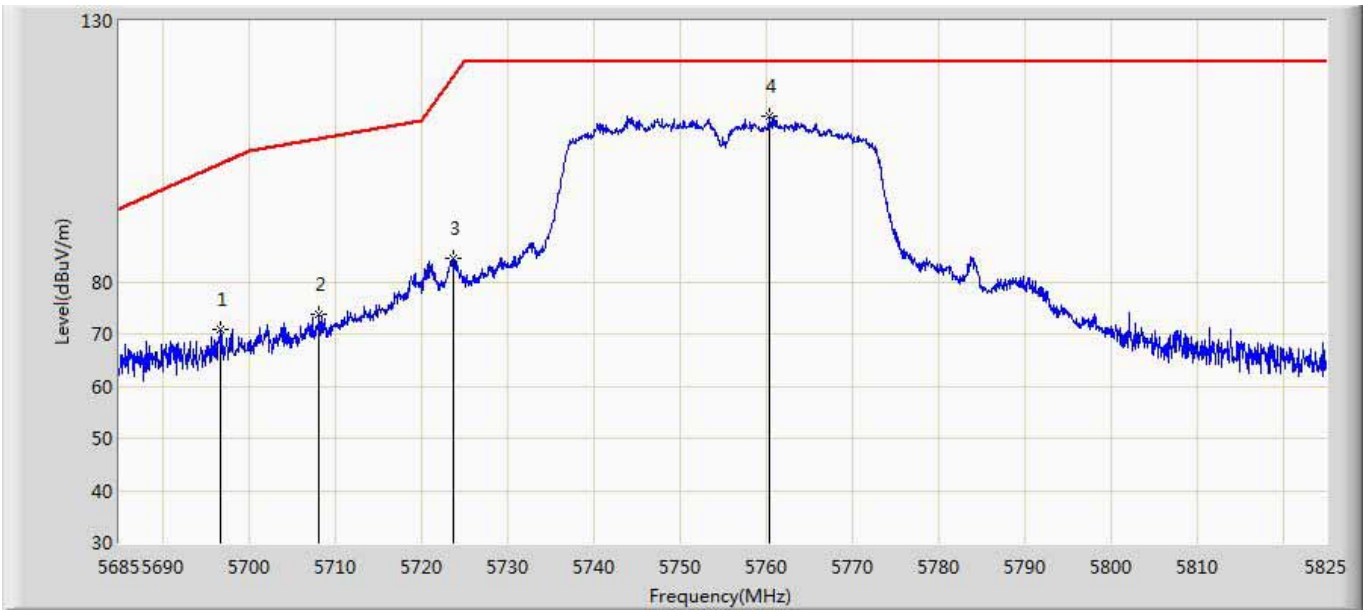
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5457.100	66.596	26.559	-7.404	74.000	40.037	PK
2		5460.000	61.554	21.520	-12.446	74.000	40.034	PK
3	*	5517.850	107.876	67.751	33.876	74.000	40.125	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:38
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



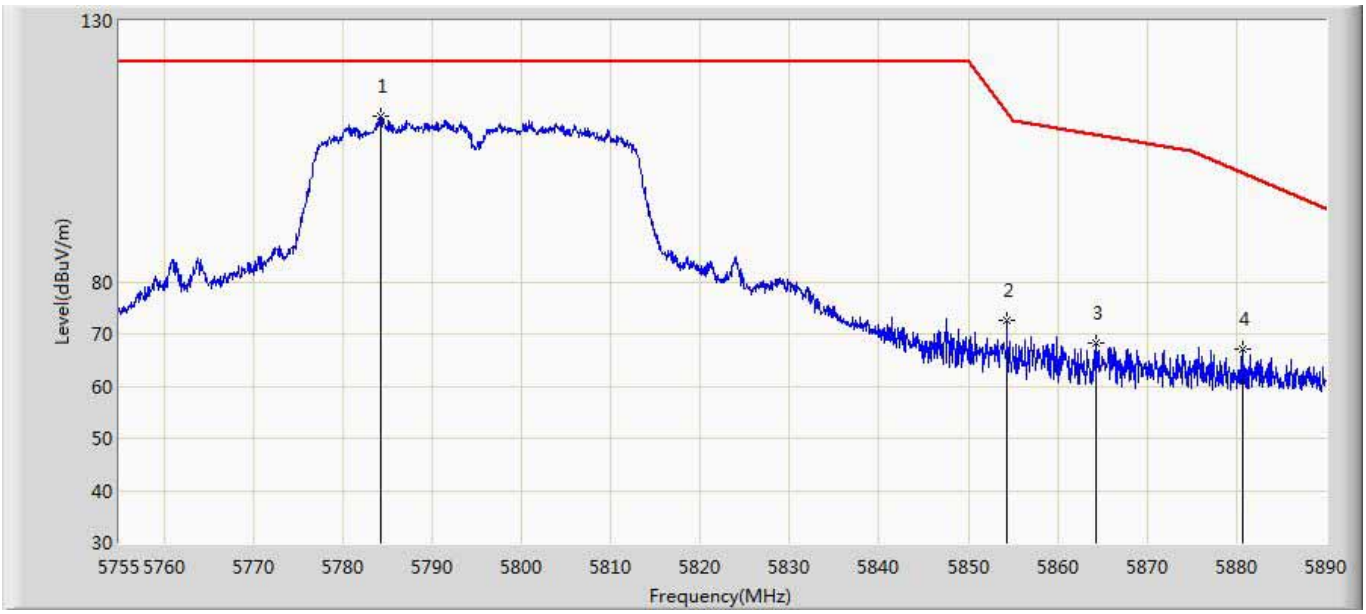
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.220	74.914	34.379	-26.748	101.663	40.536	PK
2		5709.640	75.553	34.957	-32.346	107.899	40.596	PK
3		5723.640	87.742	47.223	-31.357	119.099	40.519	PK
4	*	5744.290	114.109	73.524	-8.091	122.200	40.585	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:41
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	



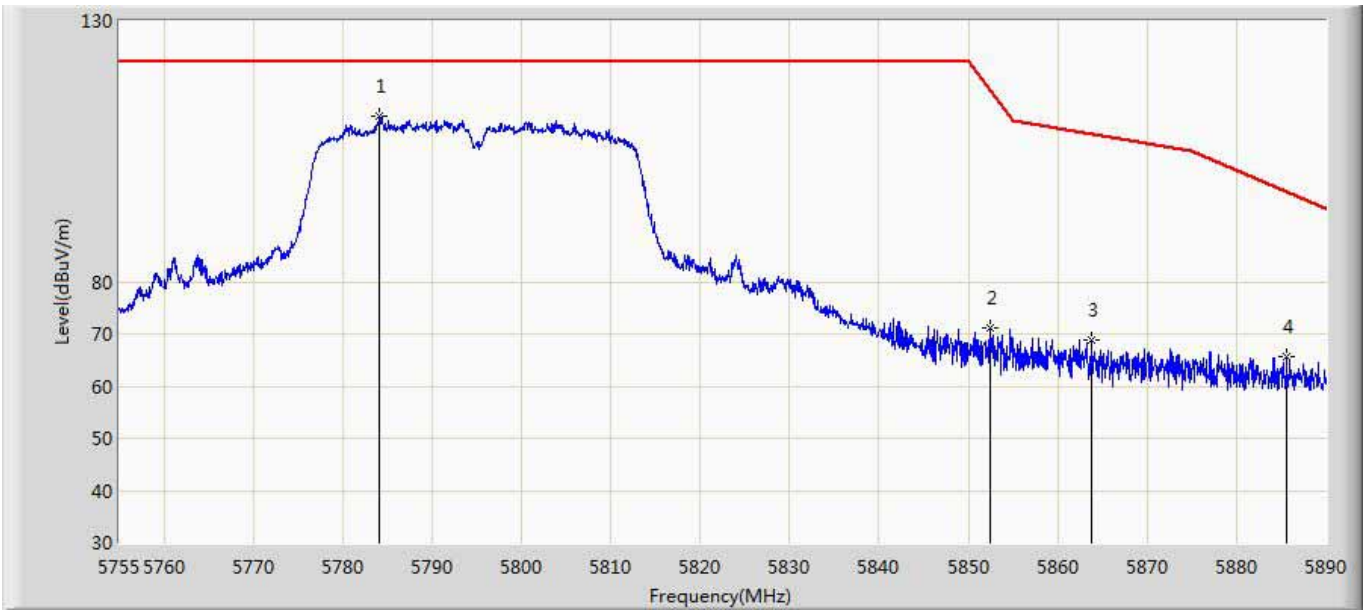
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.830	70.875	30.332	-31.979	102.854	40.543	PK
2		5708.170	73.759	33.164	-33.728	107.488	40.596	PK
3		5723.780	84.357	43.839	-35.061	119.418	40.518	PK
4	*	5760.460	111.608	70.987	-10.592	122.200	40.622	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



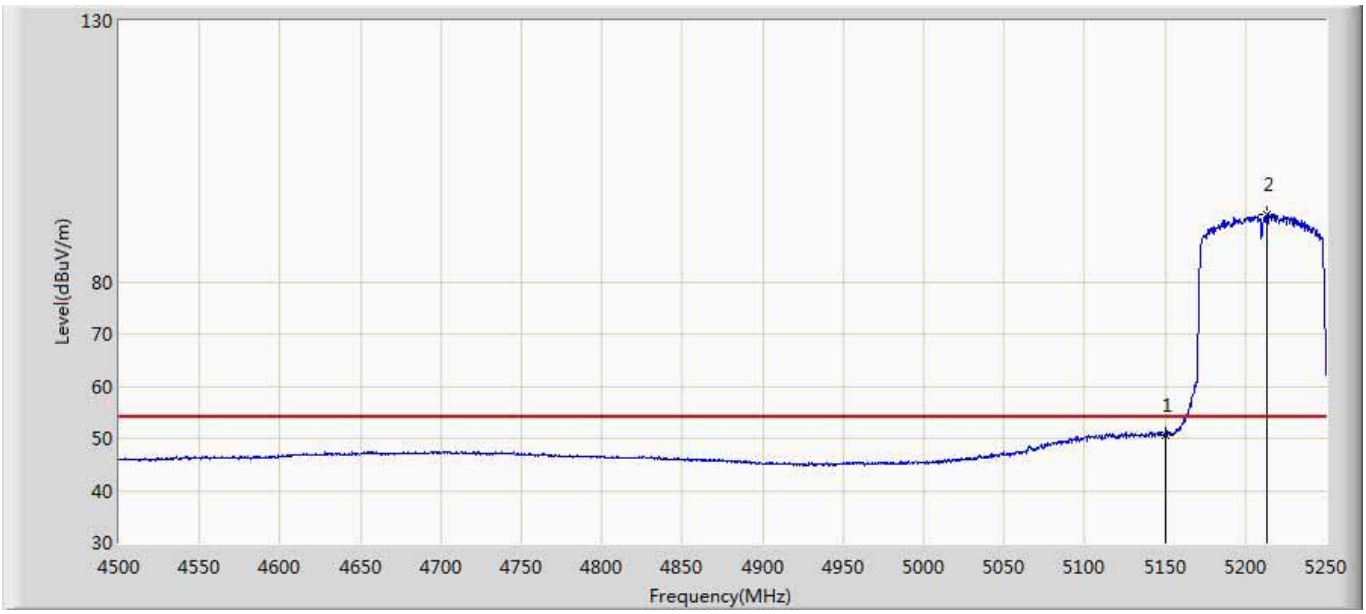
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5784.295	111.805	71.104	-10.395	122.200	40.701	PK
2		5854.292	72.539	31.684	-39.875	112.414	40.855	PK
3		5864.350	68.156	27.295	-40.026	108.182	40.861	PK
4		5880.618	67.188	26.363	-33.854	101.043	40.825	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 21:44
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



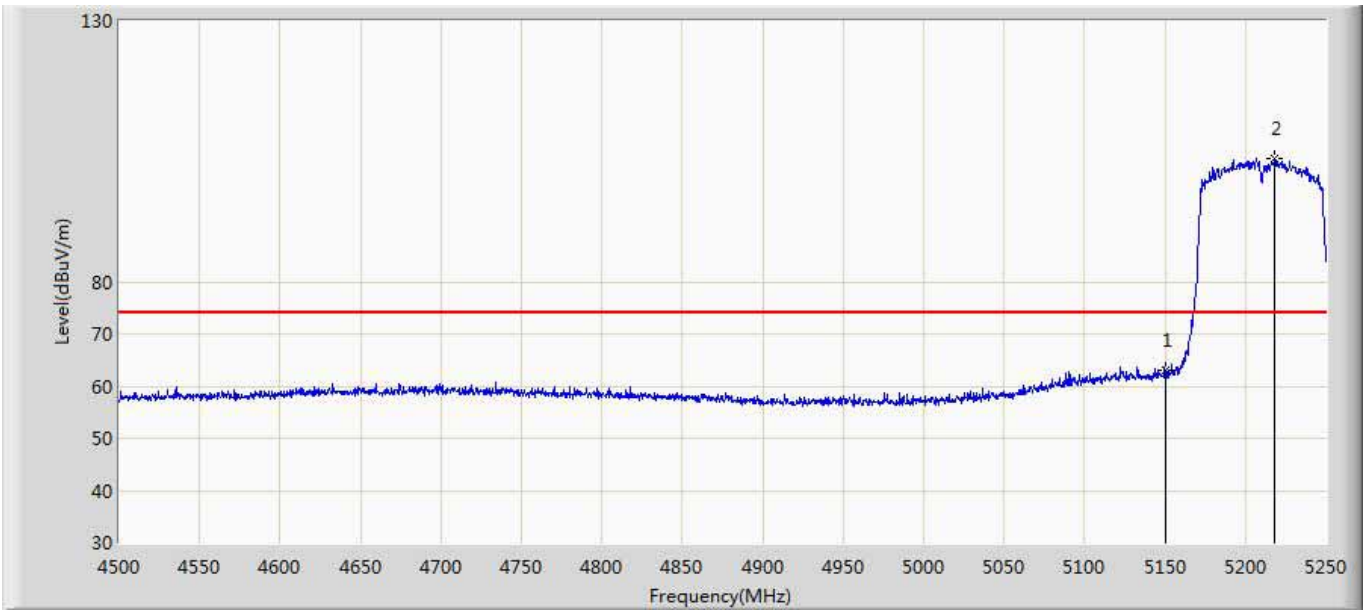
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5784.092	111.686	70.986	-10.514	122.200	40.700	PK
2		5852.402	71.227	30.375	-45.496	116.723	40.852	PK
3		5863.810	68.905	28.043	-39.428	108.333	40.863	PK
4		5885.612	65.517	24.688	-31.830	97.347	40.829	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



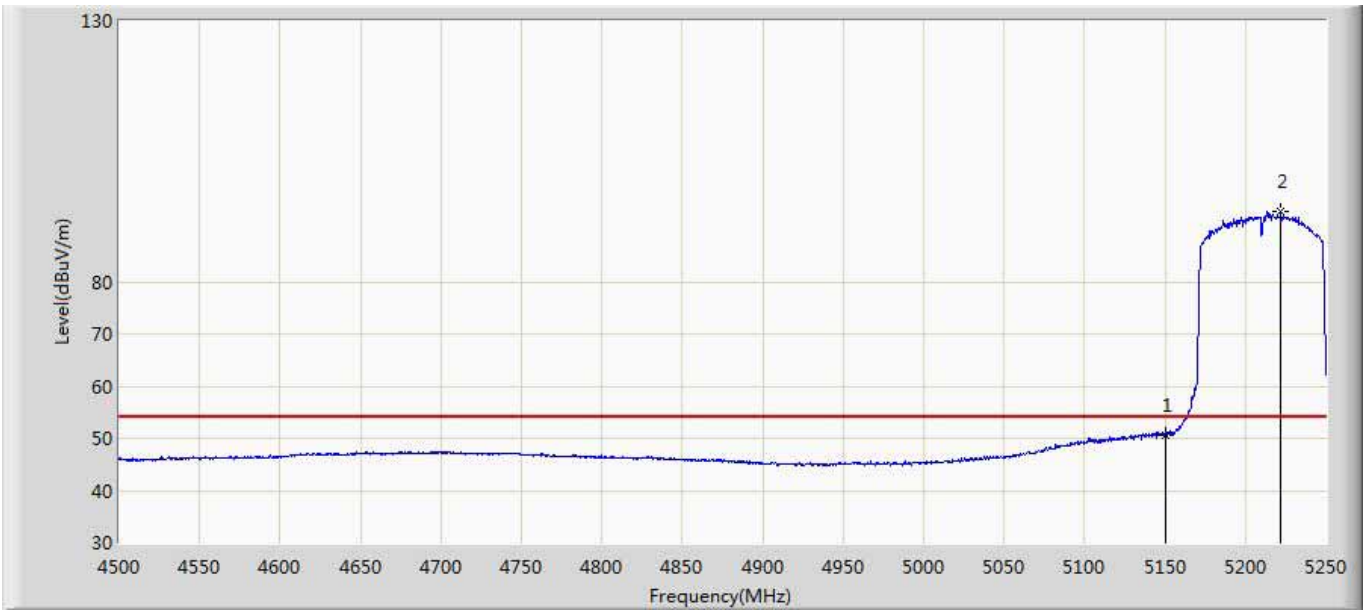
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.517	10.983	-3.483	54.000	39.534	AV
2	*	5213.625	92.839	53.129	38.839	54.000	39.711	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



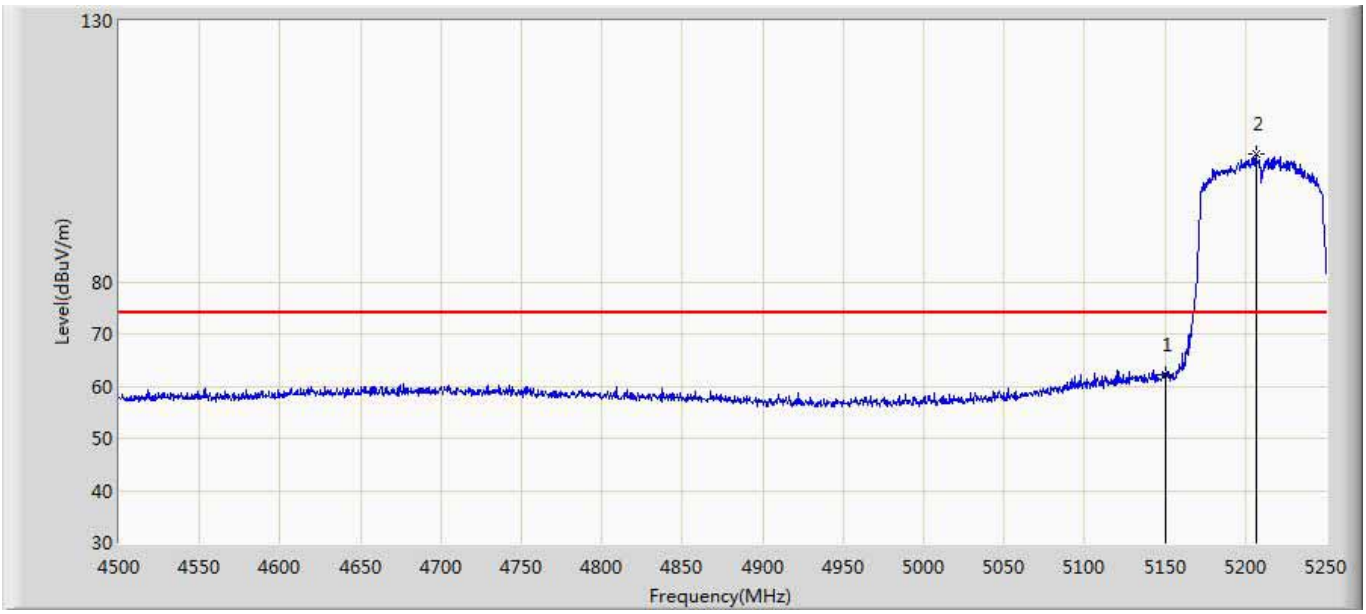
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.041	23.507	-10.959	74.000	39.534	PK
2	*	5218.500	103.480	63.783	29.480	74.000	39.696	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



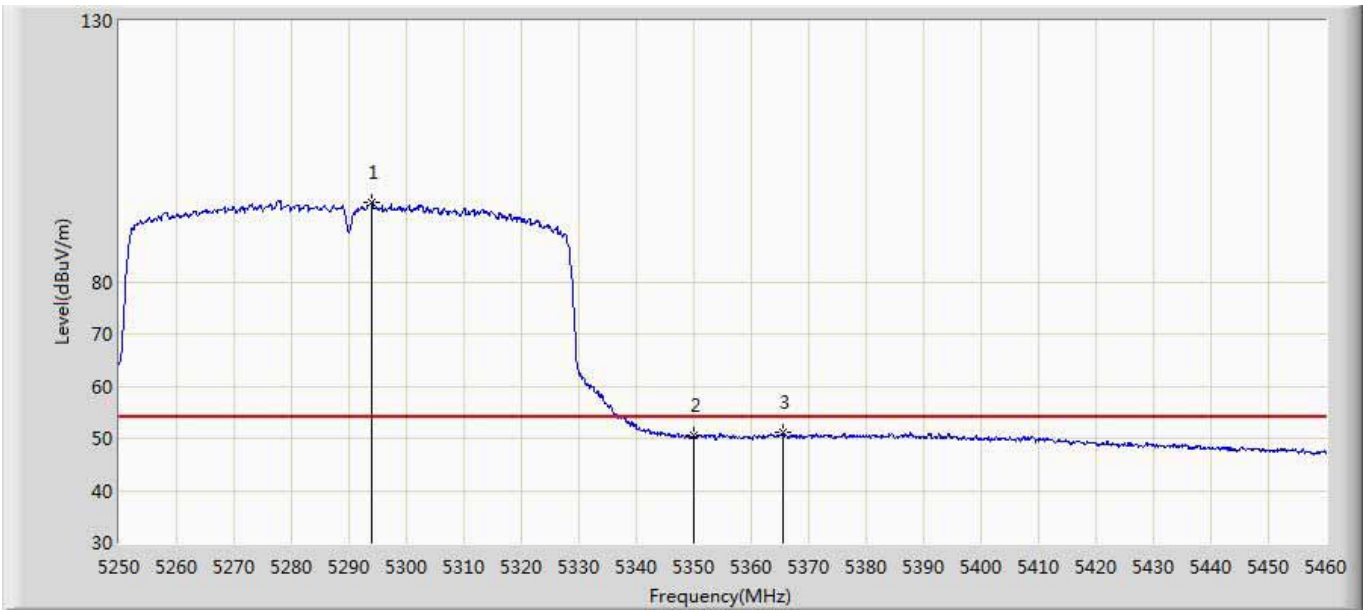
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.551	11.017	-3.449	54.000	39.534	AV
2	*	5221.875	93.452	53.773	39.452	54.000	39.679	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



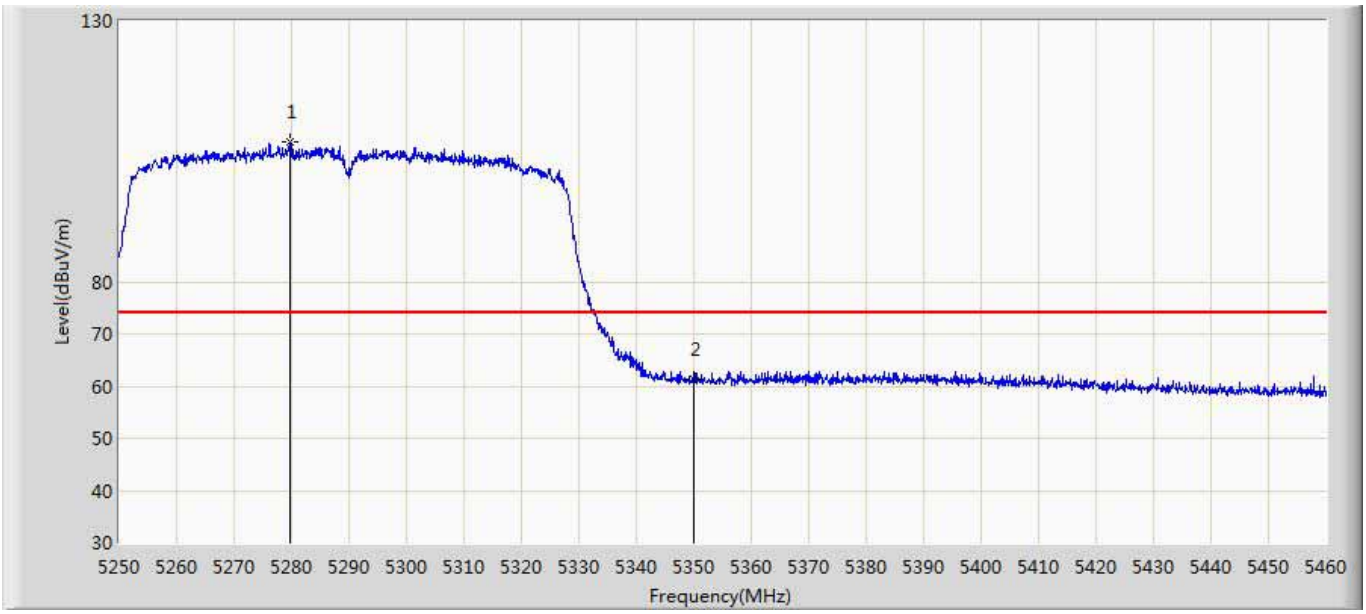
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.155	22.621	-11.845	74.000	39.534	PK
2	*	5206.500	104.543	64.834	30.543	74.000	39.709	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



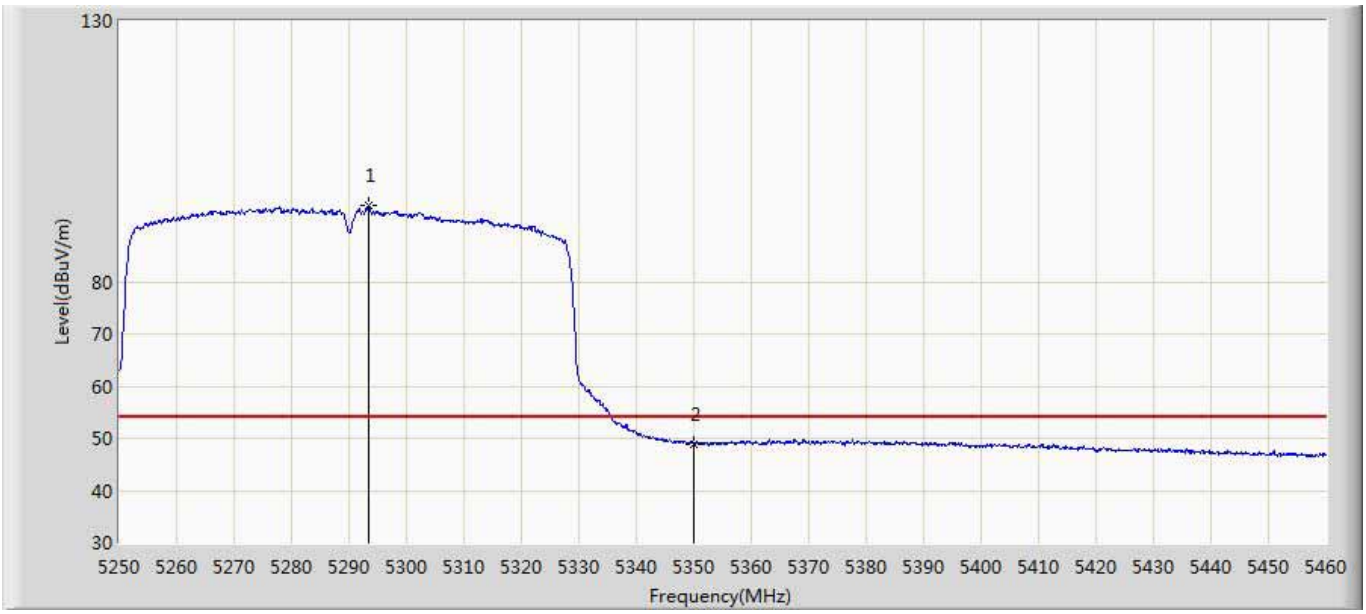
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5293.995	95.113	55.281	41.113	54.000	39.832	AV
2		5350.000	50.553	10.682	-3.447	54.000	39.871	AV
3		5365.605	50.964	11.071	-3.036	54.000	39.893	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



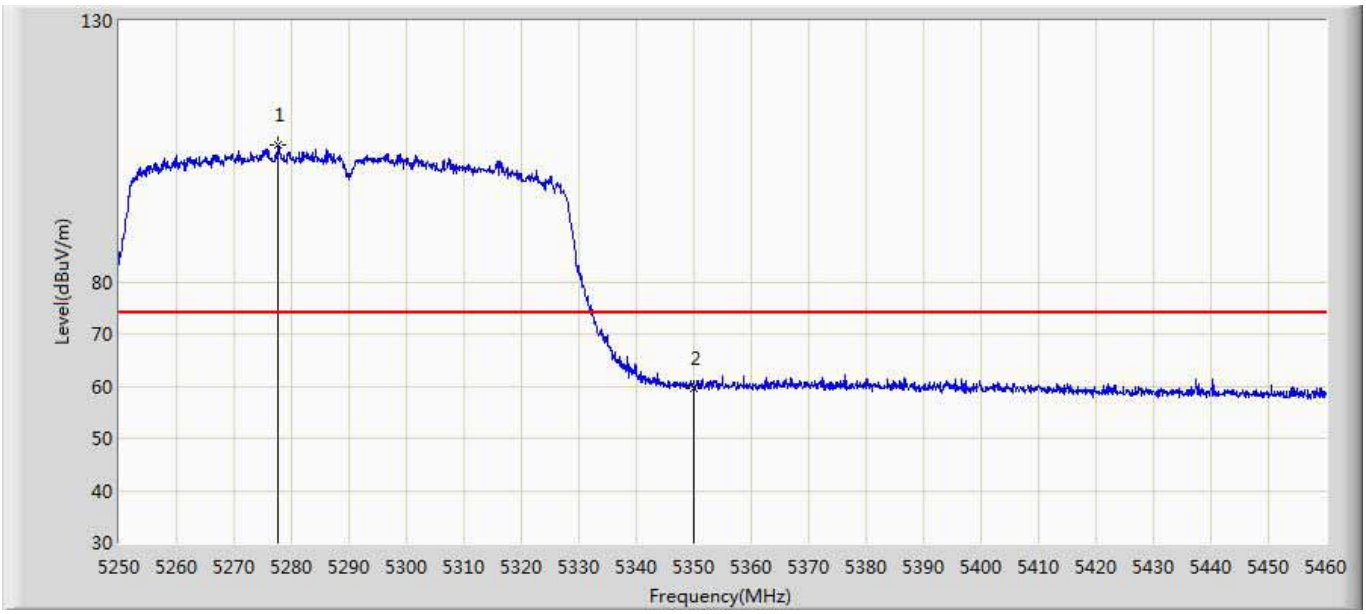
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5279.610	106.855	67.041	32.855	74.000	39.814	PK
2		5350.000	61.316	21.445	-12.684	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



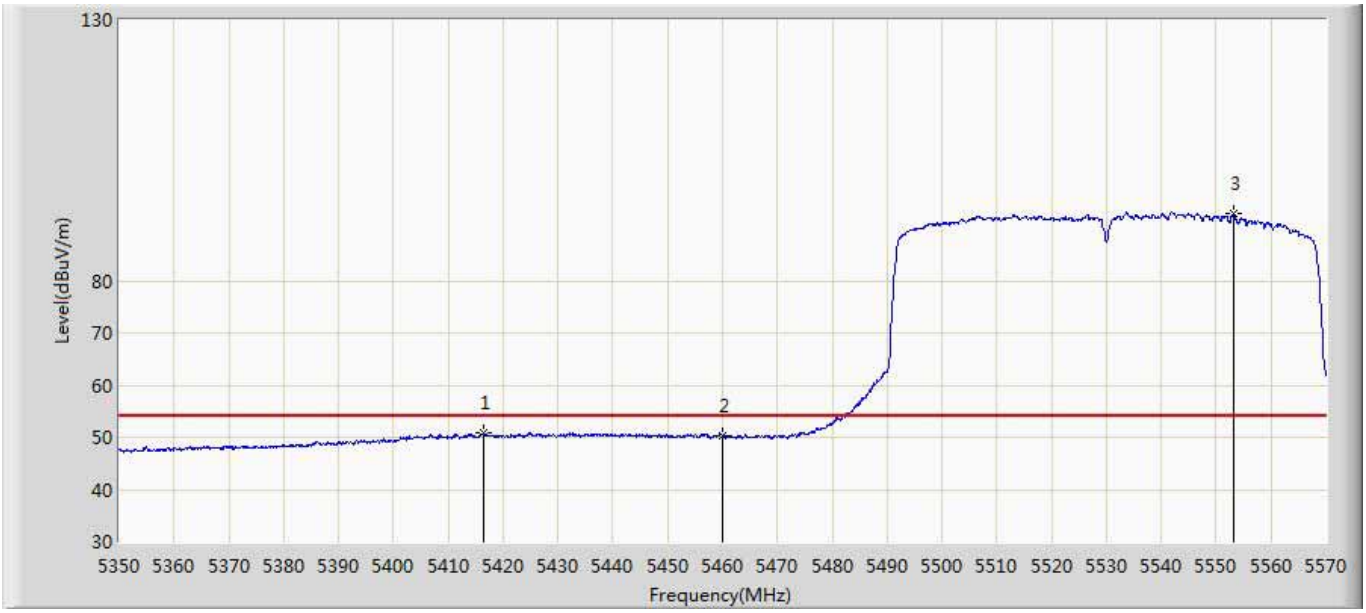
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5293.365	94.525	54.692	40.525	54.000	39.832	AV
2		5350.000	48.978	9.107	-5.022	54.000	39.871	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



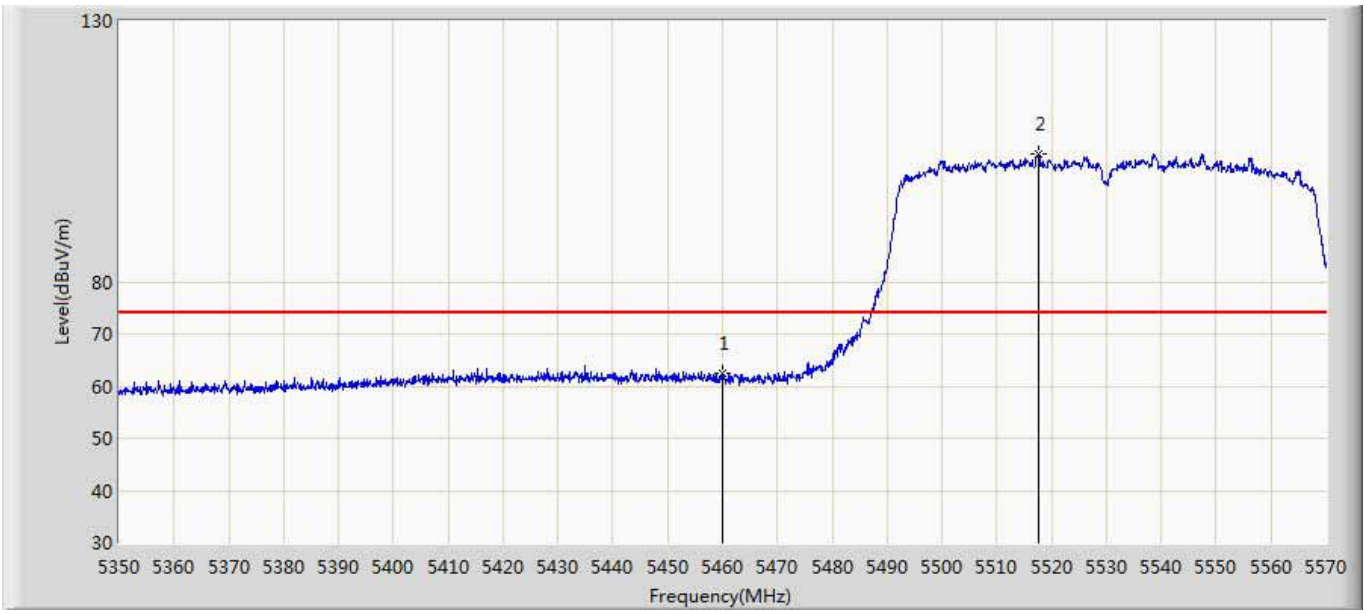
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5277.615	106.256	66.456	32.256	74.000	39.800	PK
2		5350.000	59.673	19.802	-14.327	74.000	39.871	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/13 - 14:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



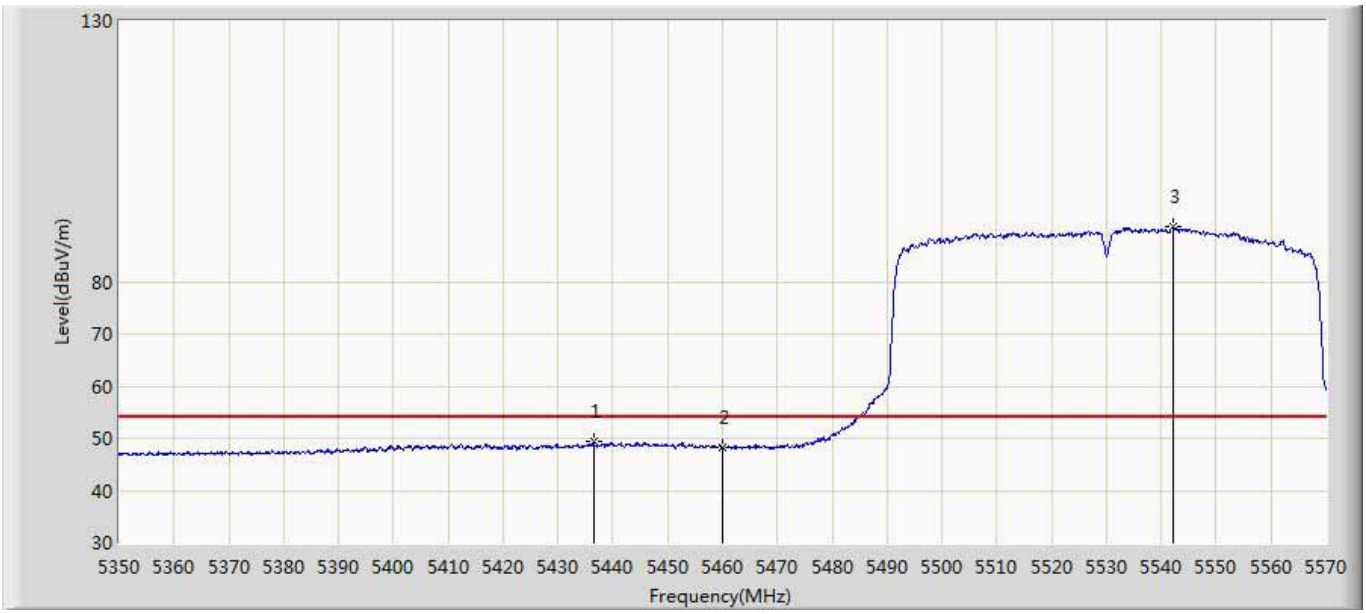
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5416.330	50.916	10.929	-3.084	54.000	39.987	AV
2		5460.000	50.417	10.383	-3.583	54.000	40.034	AV
3	*	5553.170	92.933	52.749	38.933	54.000	40.184	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/13 - 14:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



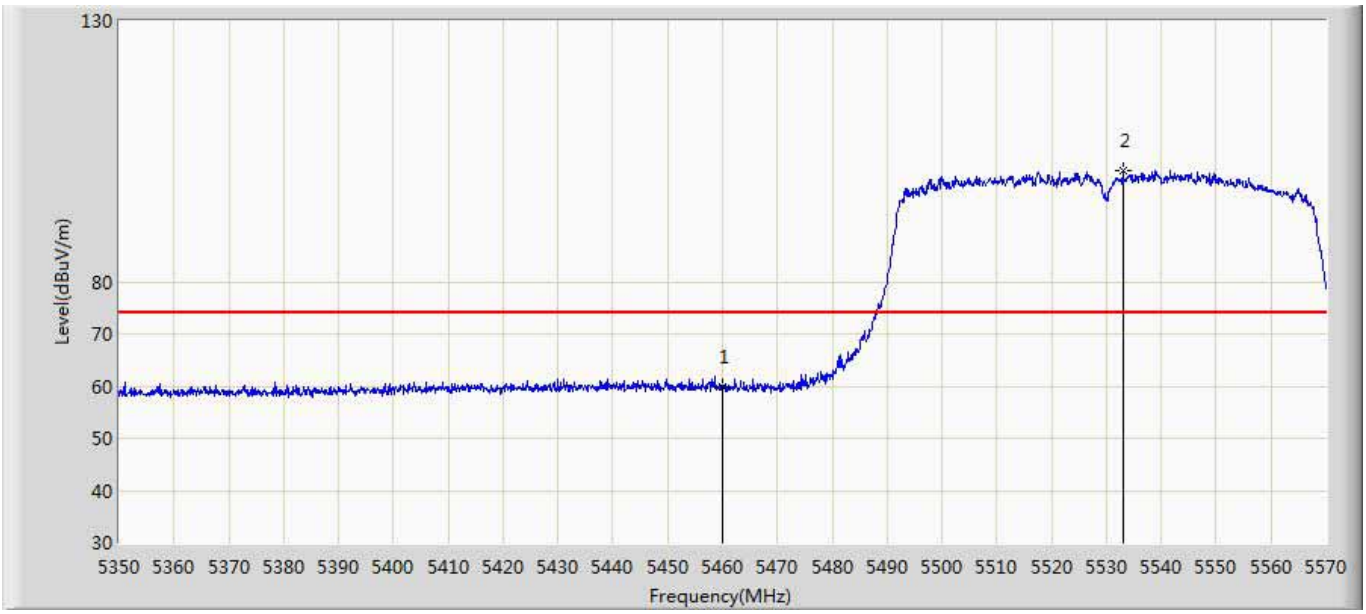
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.420	22.386	-11.580	74.000	40.034	PK
2	*	5517.640	104.507	64.382	30.507	74.000	40.125	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/13 - 14:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



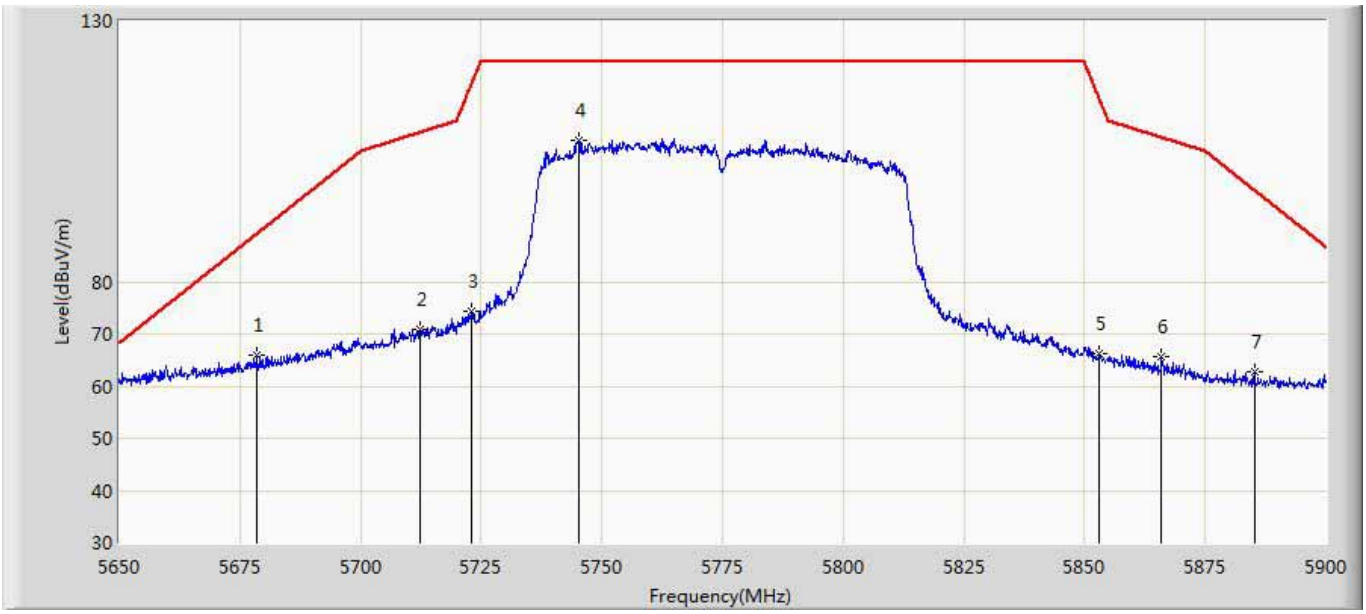
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5436.460	49.285	9.283	-4.715	54.000	40.001	AV
2		5460.000	48.163	8.129	-5.837	54.000	40.034	AV
3	*	5542.060	90.534	50.247	36.534	54.000	40.287	AV

Engineer: Slark	
Site: AC5	Time: 2017/11/13 - 14:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



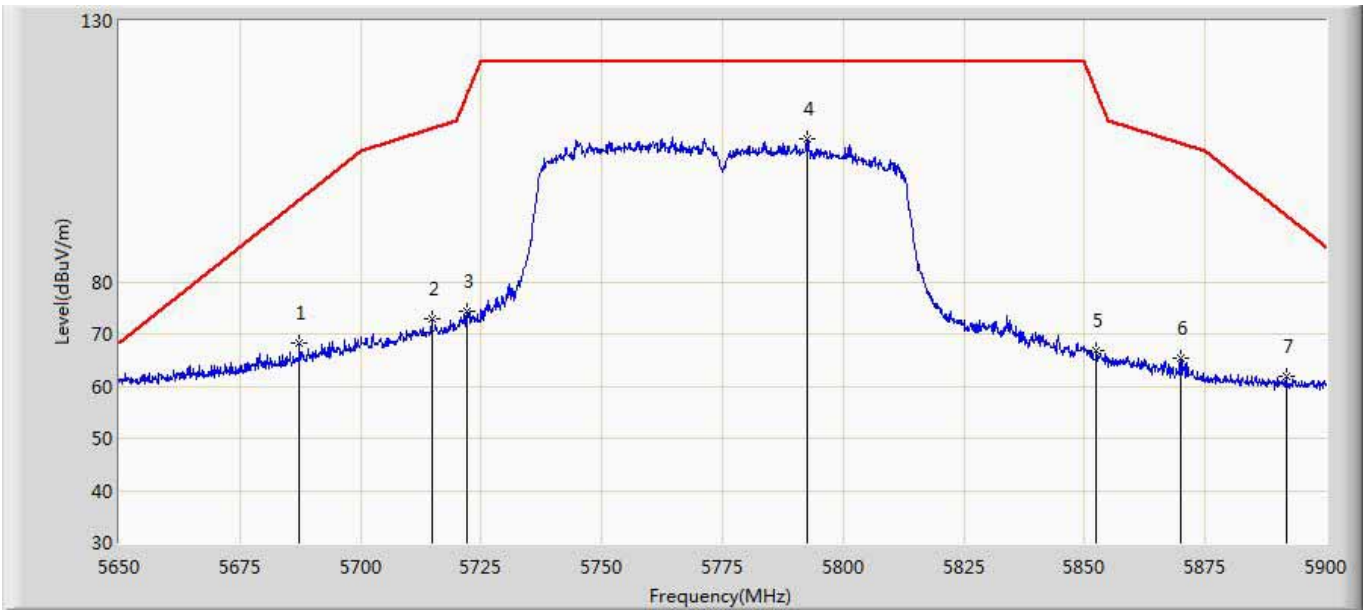
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.713	19.679	-14.287	74.000	40.034	PK
2	*	5532.930	101.222	60.973	27.222	74.000	40.249	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:52
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5678.625	66.045	25.544	-23.338	89.383	40.501	PK
2		5712.250	70.883	30.302	-37.747	108.630	40.581	PK
3		5723.125	74.280	33.758	-43.645	117.925	40.521	PK
4	*	5745.375	107.211	66.624	-14.989	122.200	40.587	PK
5		5853.125	66.361	25.508	-48.714	115.075	40.853	PK
6		5866.000	65.674	24.817	-42.046	107.720	40.857	PK
7		5885.125	62.629	21.801	-35.078	97.707	40.828	PK

Engineer: Slark	
Site: AC5	Time: 2017/11/09 - 20:54
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Virtual Reality System	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



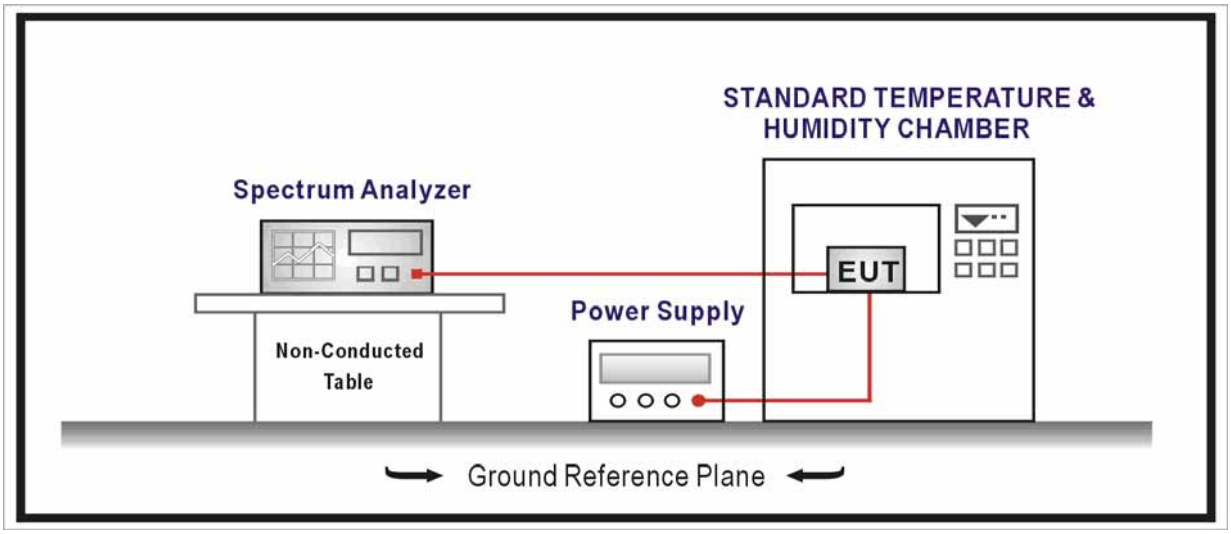
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5687.250	68.304	27.790	-27.461	95.765	40.513	PK
2		5714.750	73.035	32.467	-36.295	109.330	40.568	PK
3		5722.125	74.337	33.810	-41.308	115.645	40.527	PK
4	*	5792.500	107.524	66.768	-14.676	122.200	40.756	PK
5		5852.500	66.674	25.822	-49.826	116.500	40.853	PK
6		5869.875	65.243	24.396	-41.392	106.635	40.847	PK
7		5891.750	61.919	21.086	-30.886	92.805	40.833	PK

10. Frequency Stability

10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
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	2017.01.04	2018.01.03
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



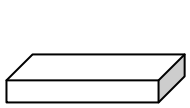
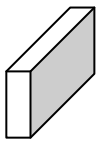
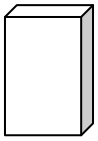
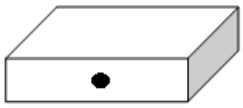
10.3. Limit

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="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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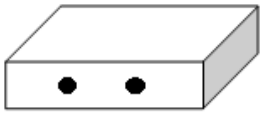
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3"> </td></tr>
</table>

10.6. Test Result

Product Name	:	Virtual Reality System	Power	:	AC 120V/60Hz
Test Mode	:	Carrier Wave	Test Site	:	TR8
Test Date	:	2017.10.20	Test Engineer	:	Tommy

Frequency Stability under Temperature at 0min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	84	0.016	±20
-20	5220.000	207	0.040	±20
-10	5220.000	144	0.028	±20
0	5220.000	-89	-0.017	±20
10	5220.000	186	0.036	±20
20	5220.000	-121	-0.023	±20
30	5220.000	-189	-0.036	±20
40	5220.000	104	0.020	±20
50	5220.000	-12	-0.002	±20

Frequency Stability under Temperature at 2min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-202	-0.039	±20
-20	5220.000	-111	-0.021	±20
-10	5220.000	-37	-0.007	±20
0	5220.000	93	0.018	±20
10	5220.000	-91	-0.018	±20
20	5220.000	-235	-0.045	±20
30	5220.000	111	0.021	±20
40	5220.000	-92	-0.018	±20
50	5220.000	-154	-0.030	±20

Frequency Stability under Temperature at 5min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-187	-0.036	±20
-20	5220.000	-249	-0.048	±20
-10	5220.000	183	0.035	±20
0	5220.000	-45	-0.009	±20
10	5220.000	239	0.046	±20
20	5220.000	241	0.046	±20
30	5220.000	202	0.039	±20
40	5220.000	-49	-0.009	±20
50	5220.000	-142	-0.027	±20

Frequency Stability under Temperature at 10min

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	89	0.017	±20
-20	5220.000	-195	-0.037	±20
-10	5220.000	240	0.046	±20
0	5220.000	248	0.048	±20
10	5220.000	-79	-0.015	±20
20	5220.000	111	0.021	±20
30	5220.000	-42	-0.008	±20
40	5220.000	62	0.012	±20
50	5220.000	-50	-0.010	±20

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
102	5220.000	231	0.044	±20
120	5220.000	-202	-0.039	±20
138	5220.000	246	0.047	±20

The End