

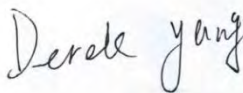
## FCC TEST REPORT

**Application No.:** HR/2021/10014  
**Applicant:** Honor Device Co., Ltd.  
**Address of Applicant:** Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No.8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, , Guangdong 518040, People's Republic of China  
**Manufacturer:** Honor Device Co., Ltd.  
**Address of Manufacturer:** Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No.8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, , Guangdong 518040, People's Republic of China  
**EUT Description:** Smart Phone  
**Model No.:** NTN-LX3  
**Trade Mark:** HONOR  
**FCC ID:** 2AYGCNTN-LX3  
**Standards:** 47 CFR FCC Part 2, Subpart J  
47 CFR Part 15, Subpart C  
**Date of Receipt:** 2021/1/28  
**Date of Test:** 2021/1/28 to 2021/2/19  
**Date of Issue:** 2021/5/15

<b>Test Result :</b>	<b>PASS *</b>
----------------------	---------------

\* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature :



Derek Yang  
Wireless Laboratory Manager

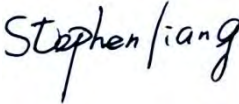



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# 1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-02-19		Original
02		2021-05-15	Stephen liang	1.Add test site Information 2.Modify data conversion error of antenna height 3.Update equipment list

\*This test report supersedes the original report (report No.: HR/2021/1001404, issue date: 2021-02-19), original report shall be invalid.

Authorized for issue by:	
Prepared By	 <hr/> (Stephen liang) / Engineer
Checked By	 <hr/> (David Chen) /Reviewer



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## 2 Test Summary

Test Item	Test Requirement	Test Method	Test Result	Result	Test Lab*
<b>AC Power Line Conducted Emission</b>	15.207	ANSI C63.10 2013	Clause 4.2	PASS	B
<b>Duty Cycle</b>	--	--	Clause 4.3	PASS	A
<b>Conducted Output Power</b>	15.247 (b)(3)	ANSI C63.10 2013	Clause 4.4	PASS	A
<b>DTS (6 dB) Bandwidth &amp; 99% Occupied Bandwidth</b>	15.247 (a)(2)	ANSI C63.10 2013	Clause 4.5	PASS	A
<b>Power Spectral Density</b>	15.247 (e)	ANSI C63.10 2013	Clause 4.6	PASS	A
<b>Band-edge for RF Conducted Emissions</b>	15.247(d)	ANSI C63.10 2013	Clause 4.7	PASS	A
<b>RF Conducted Spurious Emissions</b>	15.247(d)	ANSI C63.10 2013	Clause 4.8	PASS	A
<b>Radiated Spurious Emissions</b>	15.247(d);15.205/15.209	ANSI C63.10 2013	Clause 4.9	PASS	B
<b>Restricted bands around fundamental frequency (Radiated Emission)</b>	15.247(d);15.205/15.209	ANSI C63.10 2013	Clause 4.10	PASS	B

Remark :

All test were performed by Lab A and B.

Parts of test items above were subcontracted to Lab B.

Lab A SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Lab B SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.



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### 3 General Information

#### 3.1 Details of Client

Applicant:	Honor Device Co., Ltd.
Address of Applicant	Suite 3401,Unit A, Building 6, Shum Yip Sky Park, No.8089,Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, , Guangdong 518040, People's Republic of China
Manufacturer:	Honor Device Co., Ltd.
Address of Manufacturer	Suite 3401,Unit A, Building 6, Shum Yip Sky Park, No.8089,Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, , Guangdong 518040, People's Republic of China

#### 3.2 Test Location

##### Lab A:

Company:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
Address:	No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China
Post code:	518057
Test engineer:	Dee Zheng, Jason Chen

##### Lab B:

Company:	SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.
Address:	1/F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi China
Post code:	710086
Test engineer:	Ben Huang, Leah Chen



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### 3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

**Lab A:**

• **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• **VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

• **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

**Lab B:**

• **A2LA (Certificate No. 4854.01)**

SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

Designation Number: CN1271.



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### 3.4 General Description of EUT

EUT Description:	Smart Phone
Model No.:	NTN-LX3
Trade Mark:	HONOR
Hardware Version:	HL1NTNM
Software Version:	5.0.0.74(C900E74R1P2)
IEEE 802.11 WLAN Mode Supported	<input checked="" type="checkbox"/> 802.11B (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11G (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11N (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11N (40 MHz channel bandwidth)
Operation Frequency:	2400 MHz -2483.5MHz $f_c = 2407 \text{ MHz} + N * 5 \text{ MHz}$ , where: - $f_c$ = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 1 to 11 for the 20 MHz channel bandwidth, or 3 to 9 for the 40 MHz channel bandwidth.
Type of Modulation:	IEEE for 802.11B: DSSS IEEE for 802.11G : OFDM IEEE for 802.11N(HT20) : OFDM IEEE for 802.11N(HT40) : OFDM
Sample Type:	<input checked="" type="checkbox"/> Portable Device, <input type="checkbox"/> Module
Antenna Type:	<input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated
Antenna Ports	<input checked="" type="checkbox"/> Ant 1, <input type="checkbox"/> Ant 2, <input type="checkbox"/> Ant 3
Smart System	<input checked="" type="checkbox"/> SISO (for 802.11B/G/N), <input type="checkbox"/> MIMO (for 802.11N): 2 Tx & 2 Rx, <input type="checkbox"/> Diversity (for 802.11B/G) : Tx & Rx
Antenna Gain:	-2.2dBi

Operation Frequency of each channel (802.11B/G/N HT20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		
Operation Frequency of each channel (802.11N HT40)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	2422MHz	6	2437MHz	9	2452MHz		
4	2427MHz	7	2442MHz				
5	2432MHz	8	2447MHz				



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**Remark:**

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency for 802.11B/G/N (HT20)	Frequency for 802.11N (HT40)
The Lowest channel	2412MHz	2422MHz
The Middle channel	2437MHz	2437MHz
The Highest channel	2462MHz	2452MHz

### 3.5 Test Environment and Mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	50 % RH
Atmospheric Pressure:	101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.

### 3.6 Description of Support Units

The EUT has been tested independent unit.



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## 4 Test results and Measurement Data

### 4.1 Antenna Requirement

<b>Standard requirement:</b>	47 CFR Part 15C Section 15.203 /247(c)
<p>15.203 requirement:          An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p> <p>15.247(b) (4) requirement:          The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.</p>	
<p>The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is -2.2dBi.</p>	



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## 4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarithm of the frequency.		
Test Procedure:	<p>1) The mains terminal disturbance voltage test was conducted in a shielded room.</p> <p>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</p> <p>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</p> <p>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.</p>		



<p>Test Setup:</p>	
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.                  Charge + Transmitting mode.</p>
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 1Mbps of rate of 802.11B at lowest channel is the worst case.                  Charge + Transmitting mode.                  Only the worst case is recorded in the report.</p>
<p>Instruments Used:</p>	<p>Refer to section 6 for details</p>
<p>Test Results:</p>	<p>Pass</p>
<p>Remark:</p>	<p>The Emission Test data were reused from the report no:XHR/2021/1001401</p>

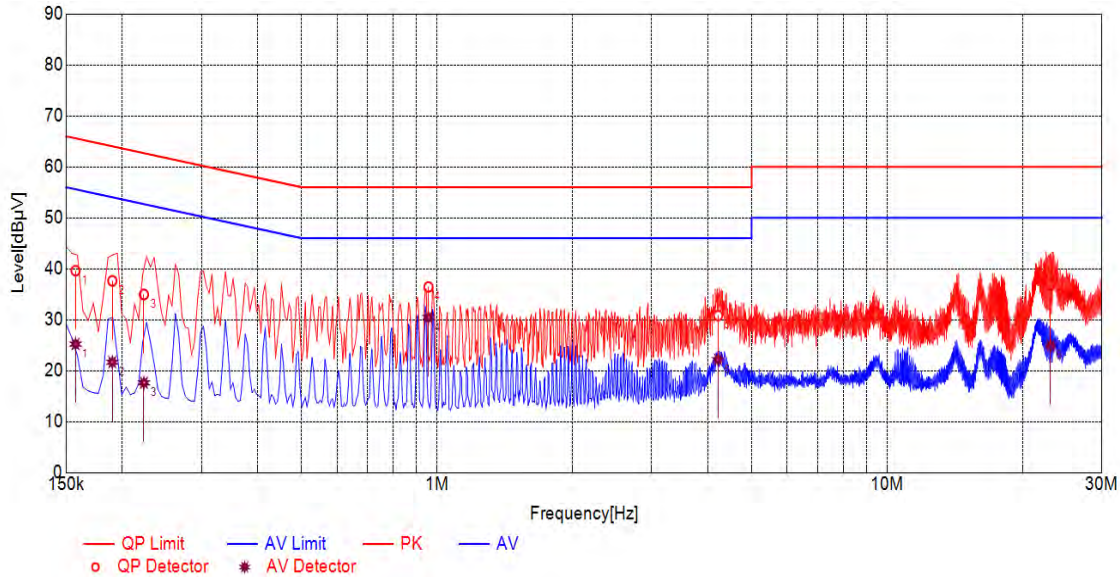


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**Measurement Data**

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

**Live Line:**



**Test Graph**

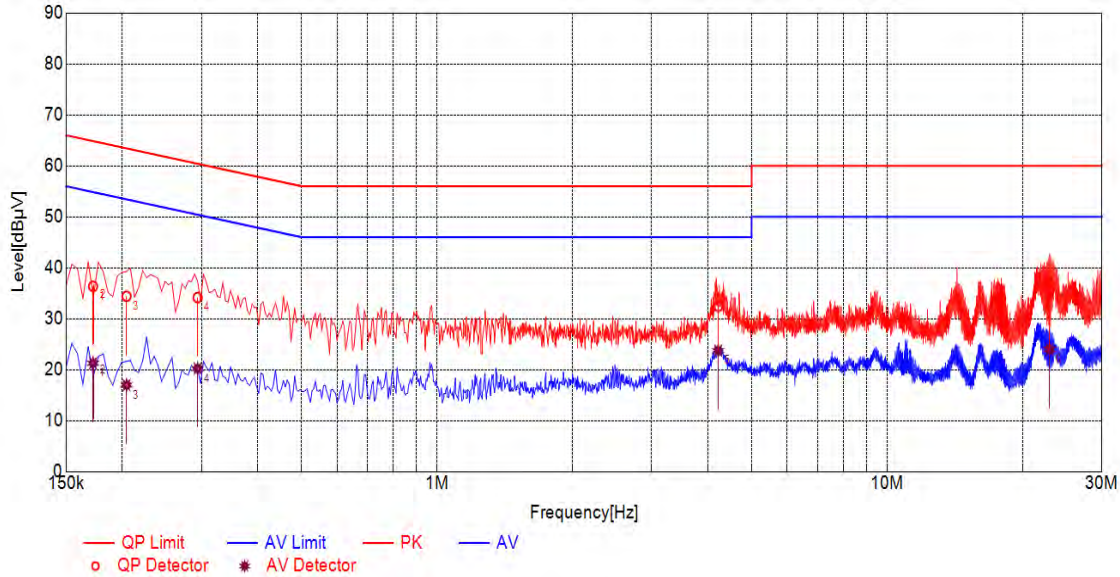
Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]
1	0.1575	10.10	39.63	65.60	25.97	25.22	55.60	30.38
2	0.1901	10.10	37.63	64.03	26.40	21.66	54.03	32.37
3	0.2234	10.10	34.96	62.69	27.73	17.62	52.69	35.07
4	0.9574	10.10	36.43	56.00	19.57	30.44	46.00	15.56
5	4.2125	10.10	30.84	56.00	25.16	22.17	46.00	23.83
6	23.0784	10.11	36.84	60.00	23.16	24.92	50.00	25.08



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Neutral Line:



**Test Graph**

Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]
1	0.1722	10.10	36.36	64.85	28.49	21.26	54.85	33.59
2	0.1726	10.10	36.73	64.84	28.11	21.84	54.84	33.00
3	0.2044	10.10	34.41	63.43	29.02	16.97	53.43	36.46
4	0.2940	10.10	34.16	60.41	26.25	20.23	50.41	30.18
5	4.2144	10.10	32.43	56.00	23.57	23.75	46.00	22.25
6	22.9557	10.11	35.59	60.00	24.41	24.01	50.00	25.99

**Remarks:**

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



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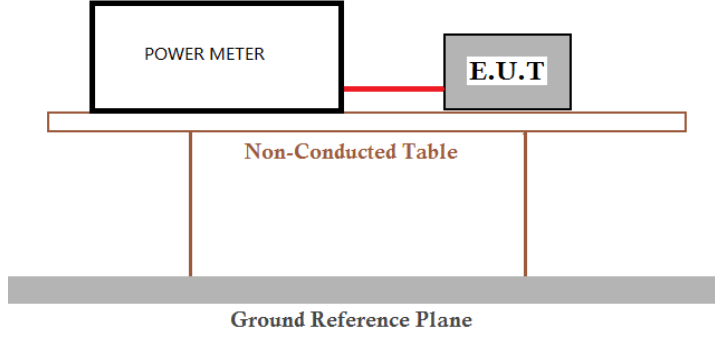
### 4.3 Duty Cycle

The detailed test data see: **Appendix**



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#### 4.4 Conducted Output Power

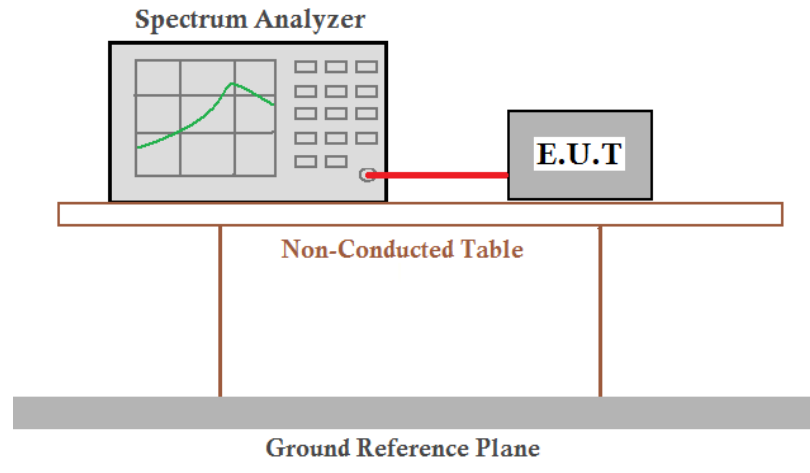
Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)
Test Method:	ANSI C63.10 :2013 Section 11.9.1.3
Test Setup:	
Test Instruments:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	30dBm
Test Results:	Pass

The detailed test data see: **Appendix**



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### 4.5 DTS (6 dB) Bandwidth & 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10: 2013 Section 11.8.1 Option 1
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	≥ 500 kHz
Test Results:	Pass

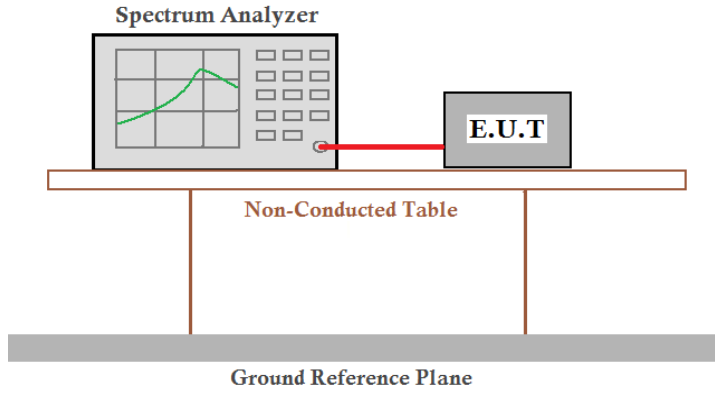
The detailed test data see: **Appendix**



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### 4.6 Power Spectral Density

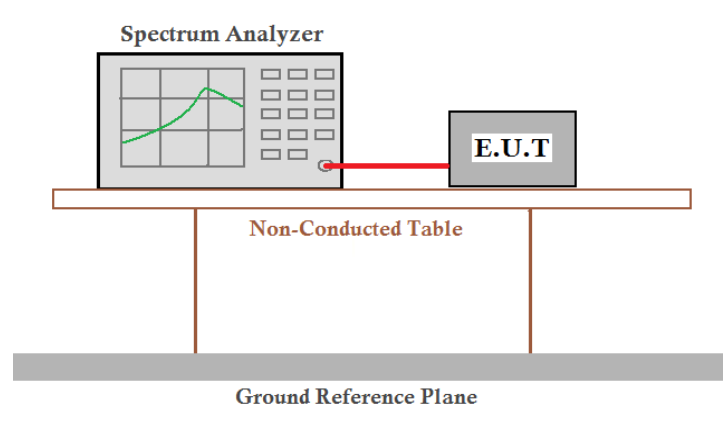
Test Requirement:	47 CFR Part 15C Section 15.247 (e)
Test Method:	ANSI C63.10 :2013 Section 11.10.2
Test Setup:	
Test Instruments:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	≤8.00dBm/3kHz
Test Results:	Pass

The detailed test data see: **Appendix**



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### 4.7 Band-edge for RF Conducted Emissions

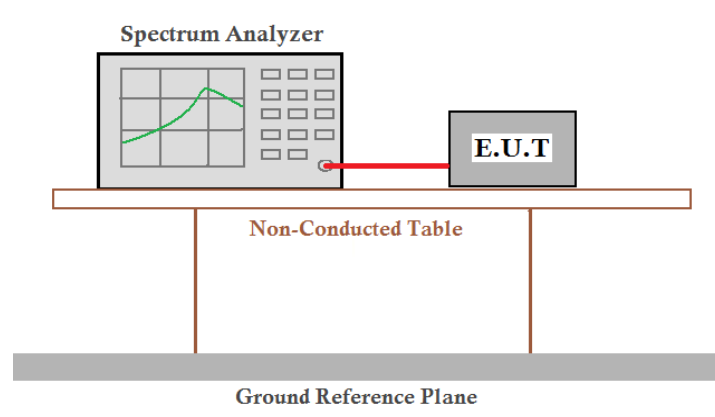
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.13
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: **Appendix**



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### 4.8 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.11
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40).
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: **Appendix**



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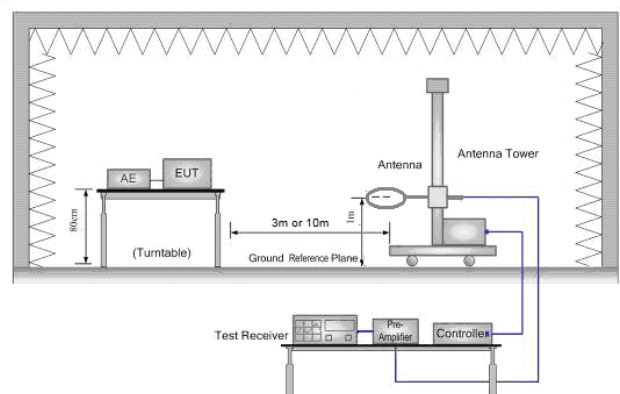
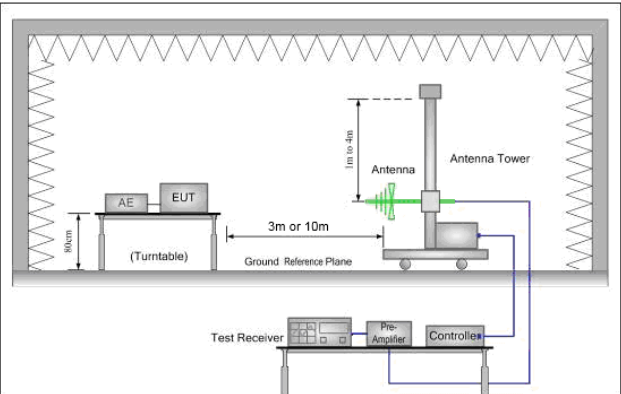
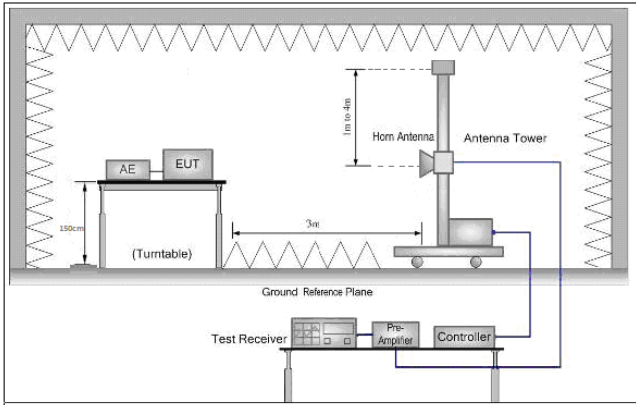
### 4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10 :2013 Section 11.12				
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak	
	Peak	1MHz	10Hz (DC≥0.98) ≥1/T (DC<0.98)	Average	
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
Remark: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					



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<p><b>Test Setup:</b></p>	
	
<p>Figure 1. Below 30MHz</p>	<p>Figure 2. 30MHz to 1GHz</p>
	
<p>Figure 3. Above 1 GHz</p>	
<p><b>Test Procedure:</b></p>	<ol style="list-style-type: none"> <li>For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation</li> <li>The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>Use the following spectrum analyzer settings:             <ol style="list-style-type: none"> <li>Span shall wide enough to fully capture the emission being measured;</li> <li>Set RBW=100 kHz for <math>f &lt; 1</math> GHz, RBW=1MHz for <math>f &gt; 1</math>GHz ; VBW <math>\geq</math> RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak</li> <li>For average measurement: use duty cycle correction factor method per 15.35(c).</li> </ol> </li> </ol>



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	<p>Duty cycle = On time/100 milliseconds  On time = <math>N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n</math>  Where <math>N_1</math> is number of type 1 pulses, <math>L_1</math> is length of type 1 pulses, etc.  Average Emission Level = Peak Emission Level + <math>20 * \log(\text{Duty cycle})</math></p> <p>f. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>g. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>h. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> <p>i. Test the EUT in the lowest channel, the middle channel, the Highest channel.</p> <p>j. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.</p> <p>k. Repeat above procedures until all frequencies measured was complete.</p>
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates.  Charge + Transmitting mode.</p>
<p>Test Configuration:</p>	<p>Measurements Below 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 120 kHz</li> <li>• VBW = 300 kHz</li> <li>• Detector = Peak</li> <li>• Trace mode = max hold</li> </ul> <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• <math>VBW \geq 3 \text{ MHz}</math></li> <li>• Detector = Peak</li> <li>• Sweep time = auto</li> <li>• Trace mode = max hold</li> </ul> <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• VBW = 10 Hz, when duty cycle is no less than 98 percent.</li> <li>• <math>VBW \geq 1/T</math>, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.</li> </ul>
<p>Final Test Mode:</p>	<p>Pretest the EUT at Charge + Transmitting mode.  Through Pre-scan, find the  1Mbps of rate is the worst case of 802.11B;  6Mbps of rate is the worst case of 802.11G;  6.5Mbps of rate is the worst case of 802.11N(HT20);</p>



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	13.5Mbps of rate is the worst case of 802.11N(HT40); For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11B at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 6 for details
Test Results:	Pass
Remark:	The Emission Test data were reused from the report no:XHR/2021/1001401

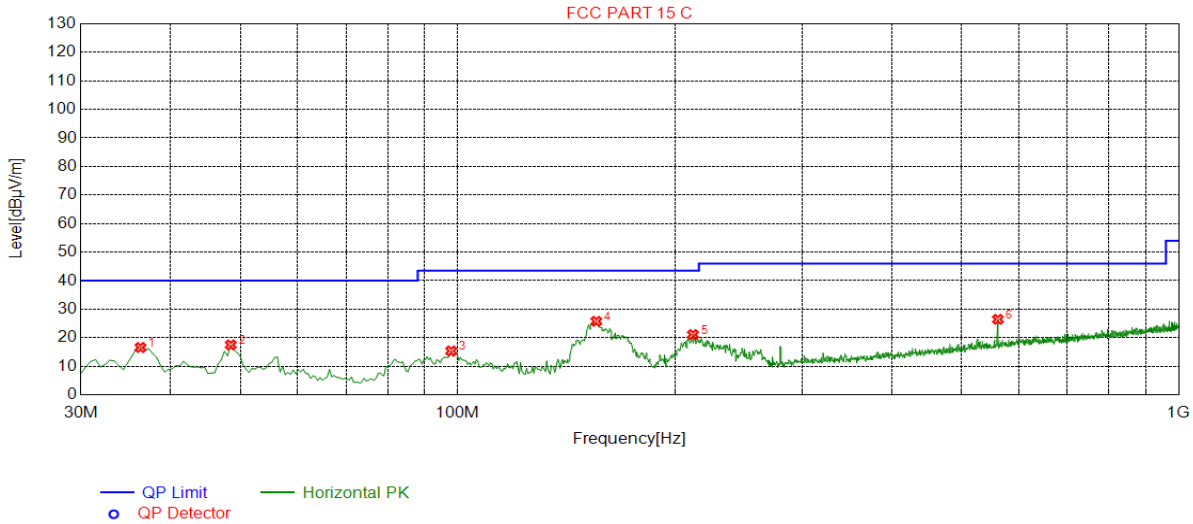


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### 4.9.1 Radiated emission below 1GHz

#### 4.9.1.1 Charge + Transmitting

##### Test Graph



##### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	16.60	-32.34	40.00	23.40	149	259	Horizontal
2	48.4392	17.52	-30.19	40.00	22.48	133	265	Horizontal
3	97.9340	15.41	-32.04	43.50	28.09	173	103	Horizontal
4	155.677	25.78	-34.51	43.50	17.72	151	234	Horizontal
5	211.966	21.13	-30.56	43.50	22.37	213	69	Horizontal
6	561.340	26.47	-21.14	46.00	19.53	137	47	Horizontal

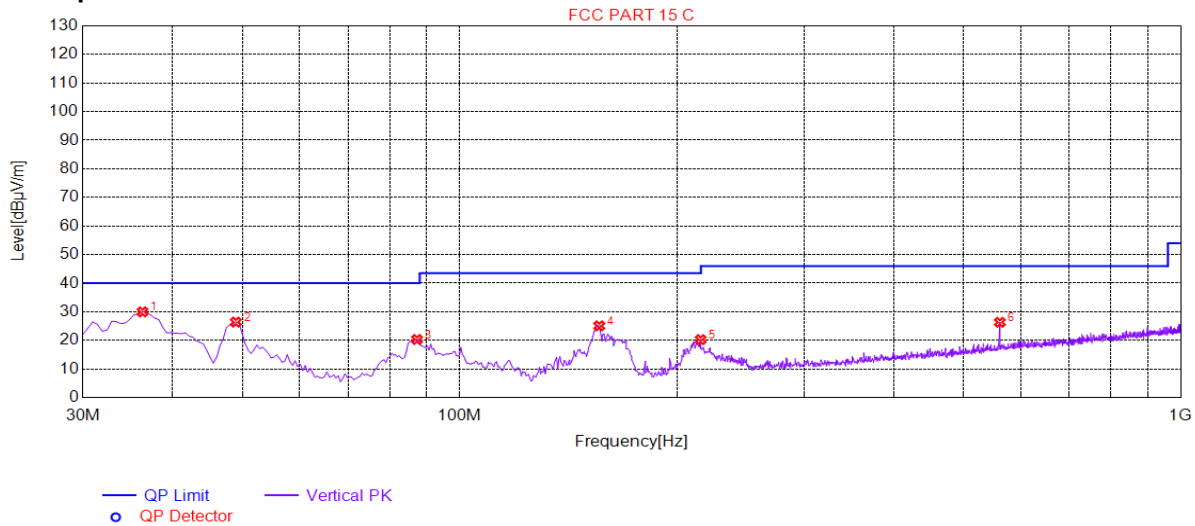
##### Final Data List



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**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	30.00	-32.34	40.00	10.00	218	285	Vertical
2	48.9245	26.41	-30.19	40.00	13.59	289	326	Vertical
3	87.2586	20.34	-34.09	40.00	19.66	239	248	Vertical
4	156.163	25.09	-34.48	43.50	18.41	262	173	Vertical
5	215.847	20.29	-30.44	43.50	23.21	270	40	Vertical
6	561.340	26.34	-21.14	46.00	19.66	229	136	Vertical

**Final Data List**

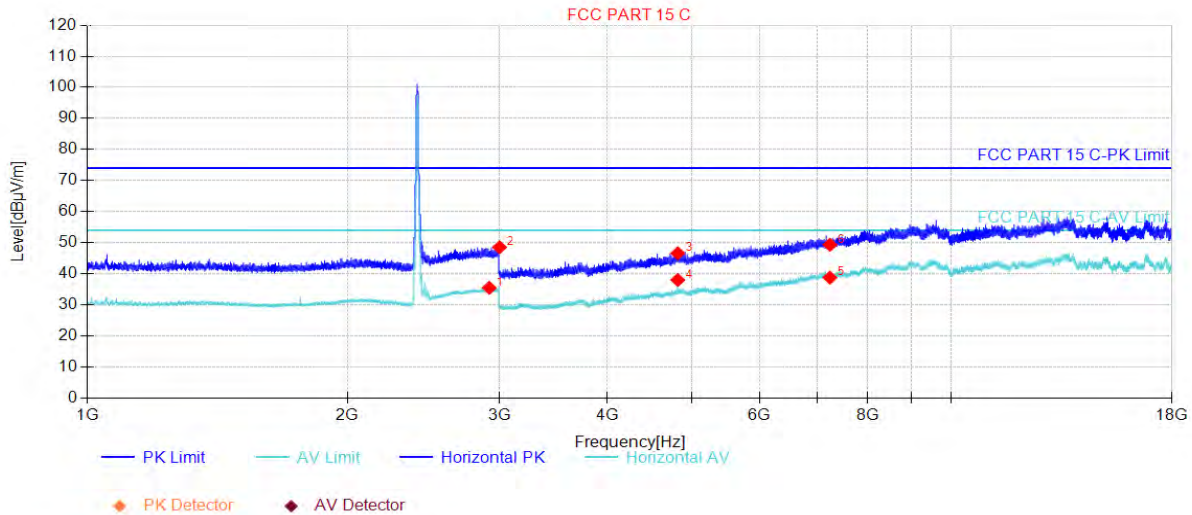


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### 4.9.2 Transmitter emission above 1GHz

#### 4.9.2.1 802.11B\_Channel 1

#### Test Graph



#### Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2918.791	35.43	7.04	54.00	18.57	138	Horizontal
2	2999.600	48.50	7.41	74.00	25.50	145	Horizontal
3	4824.000	46.57	-10.56	74.00	27.43	133	Horizontal
4	4824.000	37.97	-10.56	54.00	16.03	165	Horizontal
5	7236.000	38.72	-2.59	54.00	15.28	145	Horizontal
6	7236.000	49.30	-2.59	74.00	24.70	165	Horizontal

#### Final Data List

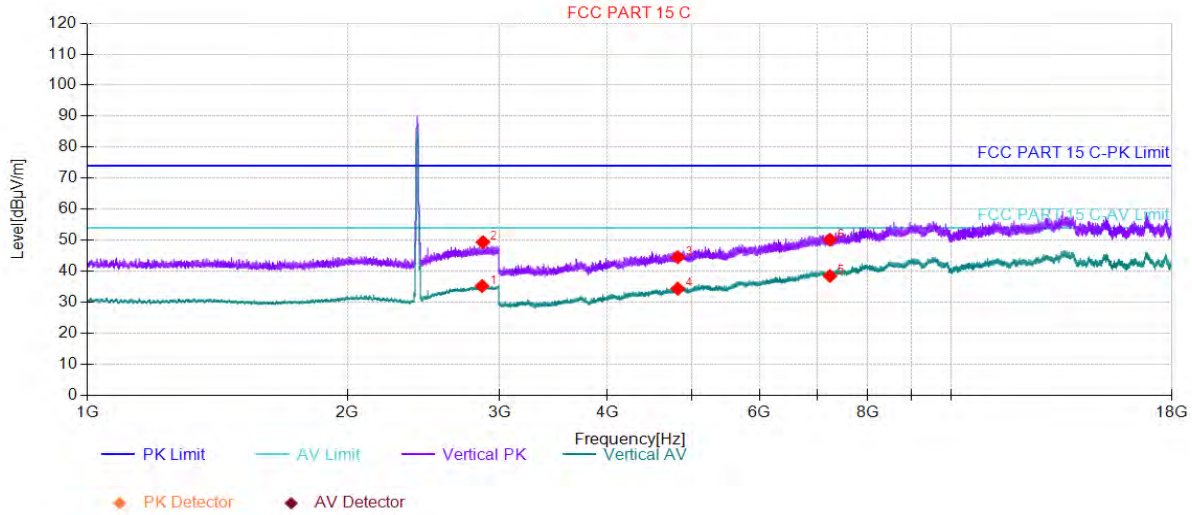


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4.9.2.2 802.11B\_Channel 1

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2863.186	35.20	6.87	54.00	18.80	245	Vertical
2	2870.387	49.35	6.88	74.00	24.65	263	Vertical
3	4824.000	44.53	-10.56	74.00	29.47	232	Vertical
4	4824.000	34.35	-10.56	54.00	19.65	287	Vertical
5	7236.000	38.45	-2.59	54.00	15.55	264	Vertical
6	7236.000	50.15	-2.59	74.00	23.85	241	Vertical

Final Data List

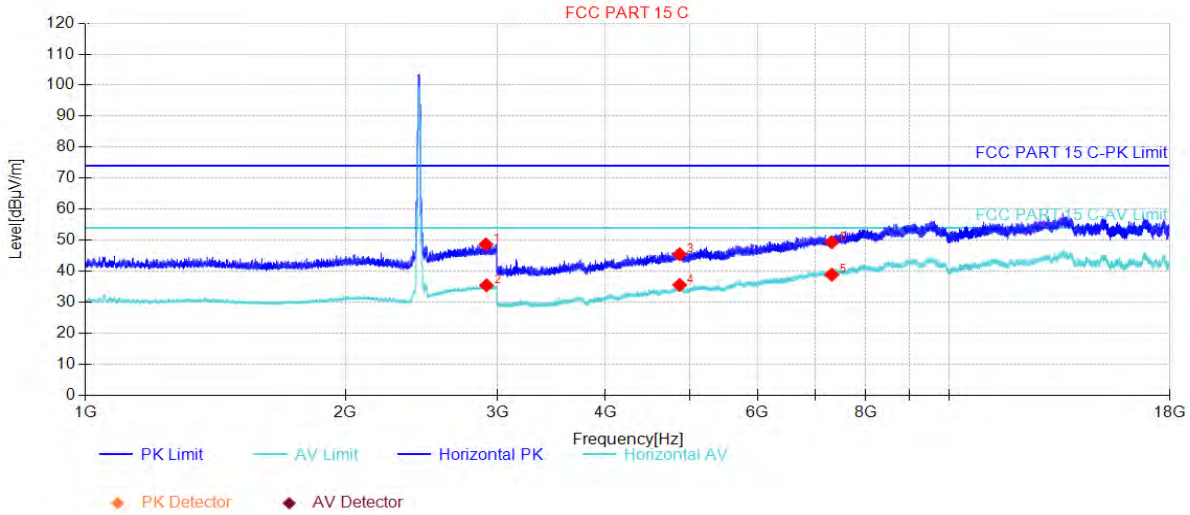


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4.9.2.3 802.11B\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2908.390	48.68	6.99	74.00	25.32	152	Horizontal
2	2913.191	35.41	7.01	54.00	18.59	135	Horizontal
3	4874.000	45.44	-10.40	74.00	28.56	154	Horizontal
4	4874.000	35.53	-10.40	54.00	18.47	162	Horizontal
5	7311.000	38.87	-2.58	54.00	15.13	178	Horizontal
6	7311.000	49.31	-2.58	74.00	24.69	169	Horizontal

Final Data List

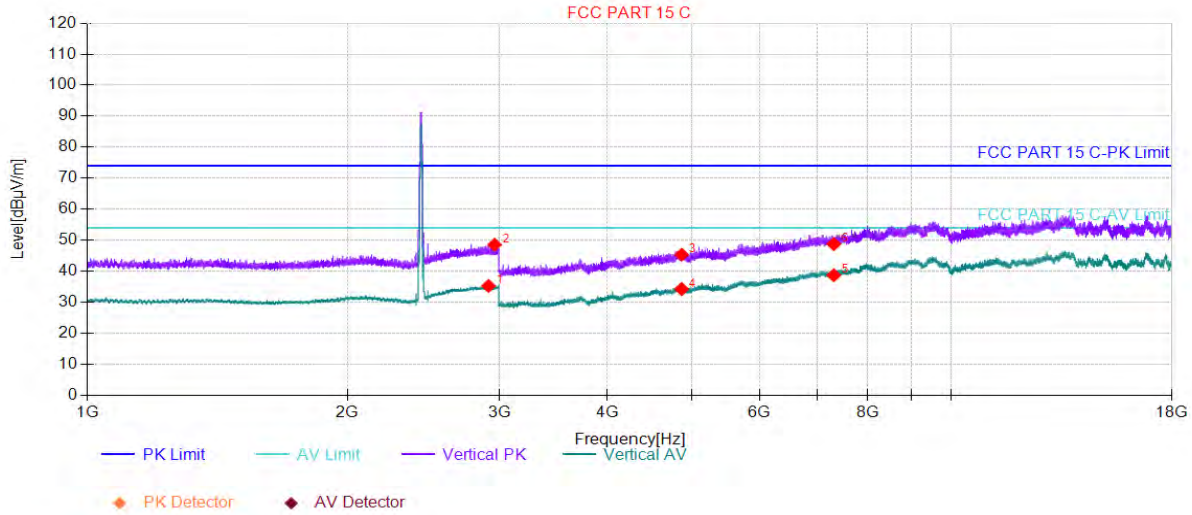


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4.9.2.4 802.11B\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2913.191	35.24	7.01	54.00	18.76	293	Vertical
2	2960.596	48.52	7.23	74.00	25.48	274	Vertical
3	4874.000	45.31	-10.40	74.00	28.69	241	Vertical
4	4874.000	34.21	-10.40	54.00	19.79	268	Vertical
5	7311.000	38.68	-2.58	54.00	15.32	241	Vertical
6	7311.000	48.74	-2.58	74.00	25.26	262	Vertical

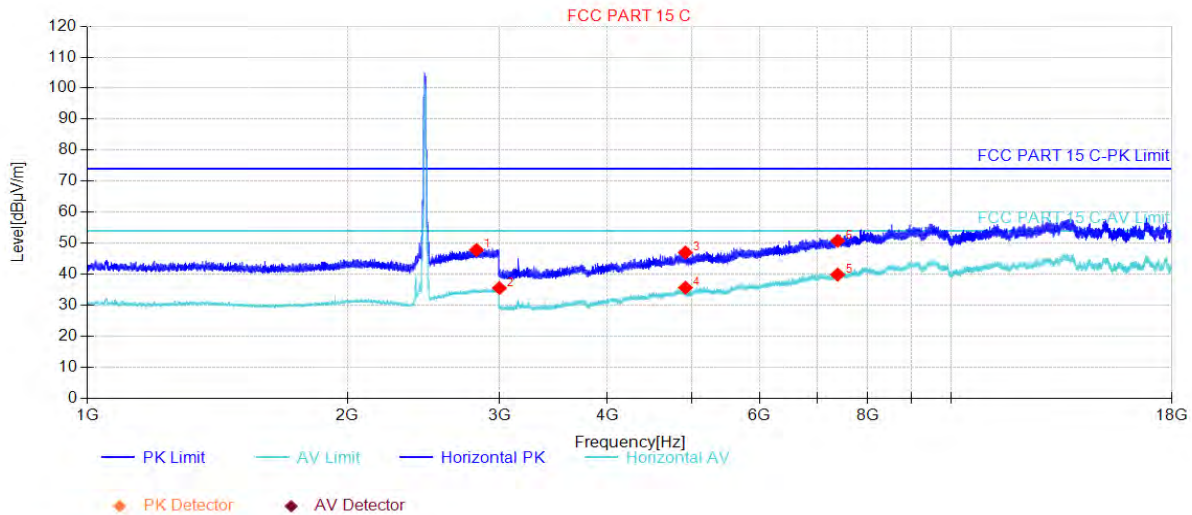
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4.9.2.5 802.11B\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2820.382	47.79	6.77	74.00	26.21	135	Horizontal
2	2998.599	35.52	7.40	54.00	18.48	136	Horizontal
3	4924.000	47.01	-10.22	74.00	26.99	154	Horizontal
4	4924.000	35.62	-10.22	54.00	18.38	177	Horizontal
5	7386.000	39.85	-2.06	54.00	14.15	162	Horizontal
6	7386.000	50.74	-2.06	74.00	23.26	187	Horizontal

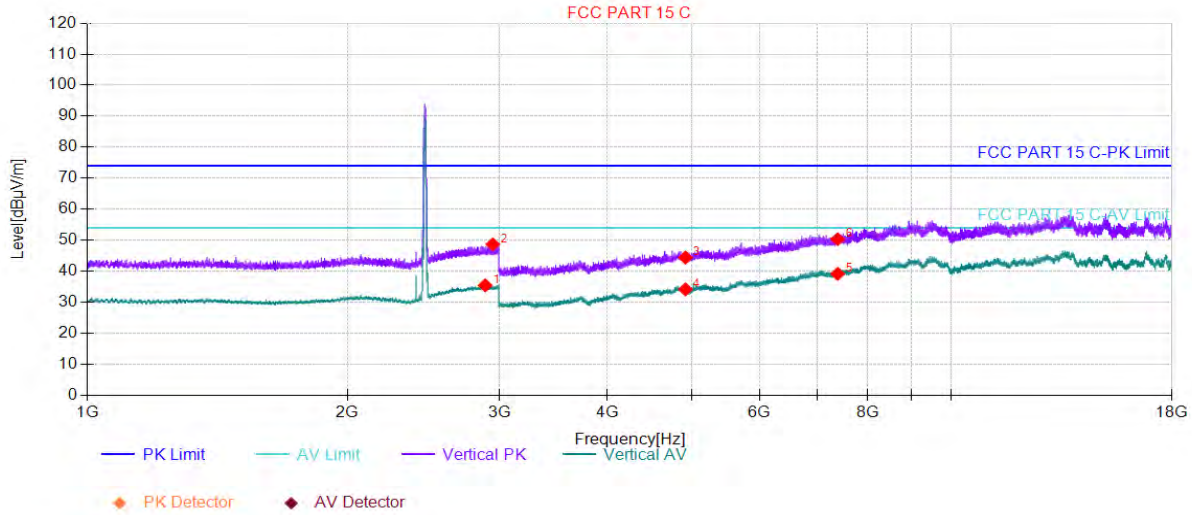
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4.9.2.6 802.11B\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2887.588	35.39	6.92	54.00	18.61	265	Vertical
2	2946.594	48.66	7.16	74.00	25.34	323	Vertical
3	4924.000	44.37	-10.22	74.00	29.63	245	Vertical
4	4924.000	34.12	-10.22	54.00	19.88	278	Vertical
5	7386.000	39.11	-2.06	54.00	14.89	261	Vertical
6	7386.000	50.31	-2.06	74.00	23.69	212	Vertical

Final Data List

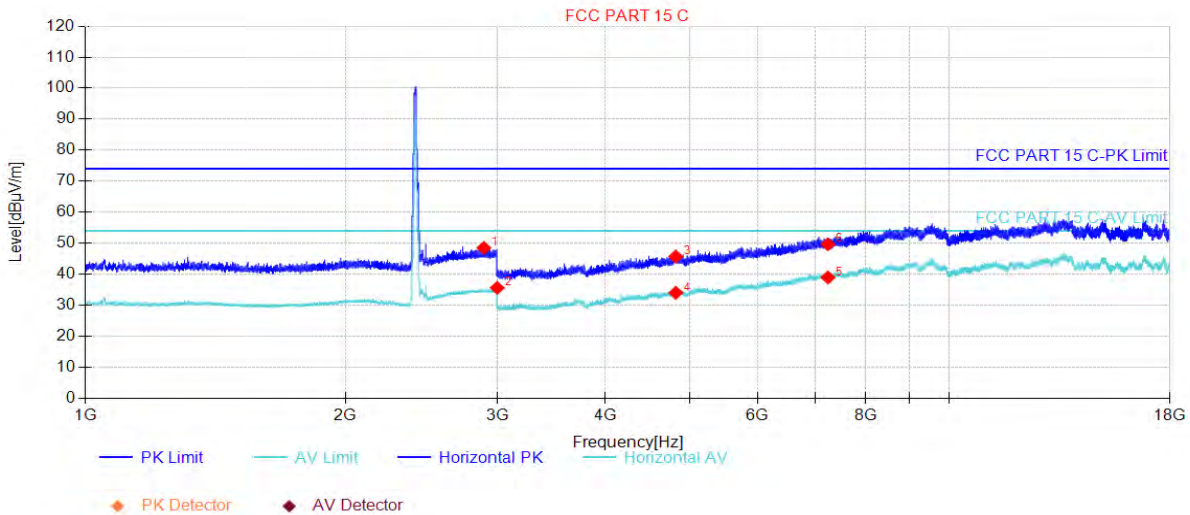


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4.9.2.7 802.11G\_Channel 1

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2892.789	48.45	6.93	74.00	25.55	162	Horizontal
2	2996.999	35.58	7.40	54.00	18.42	132	Horizontal
3	4824.000	45.68	-10.56	74.00	28.32	135	Horizontal
4	4824.000	33.97	-10.56	54.00	20.03	145	Horizontal
5	7236.000	38.95	-2.59	54.00	15.05	151	Horizontal
6	7236.000	49.65	-2.59	74.00	24.35	150	Horizontal

Final Data List

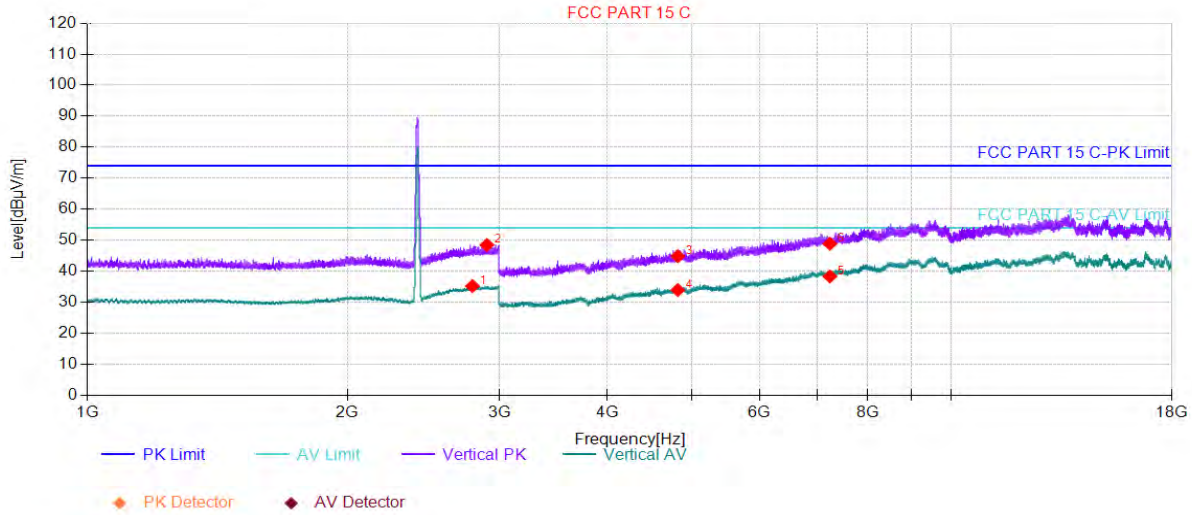


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4.9.2.8 802.11G\_Channel 1

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2790.579	35.18	6.63	54.00	18.82	216	Vertical
2	2900.790	48.44	6.95	74.00	25.56	213	Vertical
3	4824.000	44.81	-10.56	74.00	29.19	245	Vertical
4	4824.000	33.90	-10.56	54.00	20.10	278	Vertical
5	7236.000	38.30	-2.59	54.00	15.70	287	Vertical
6	7236.000	48.84	-2.59	74.00	25.16	261	Vertical

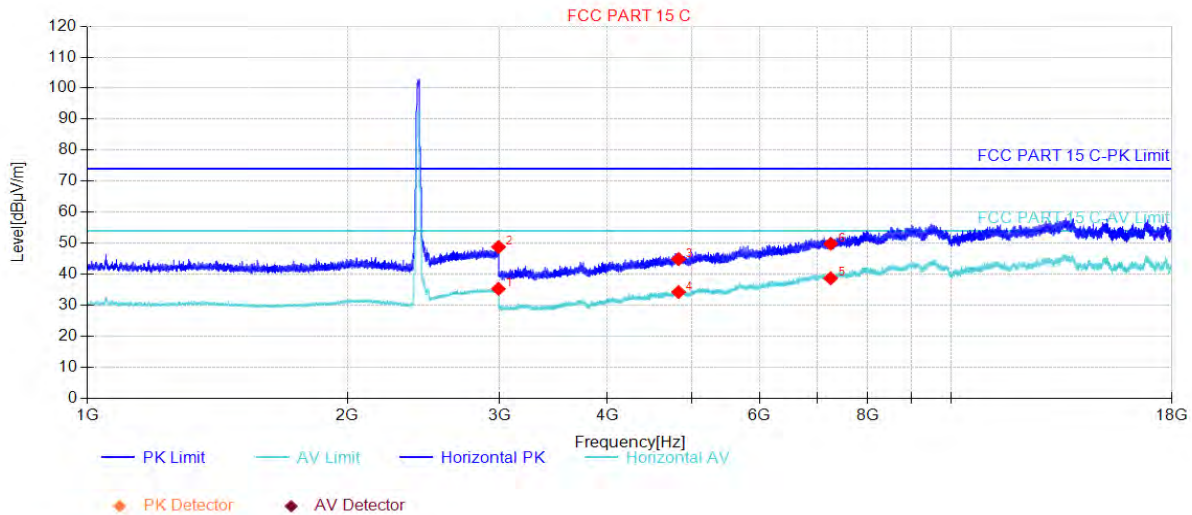
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4.9.2.9 802.11G\_Channel 2

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2990.799	35.27	7.37	54.00	18.73	148	Horizontal
2	2991.199	48.77	7.37	74.00	25.23	136	Horizontal
3	4834.000	44.83	-10.53	74.00	29.17	150	Horizontal
4	4834.000	34.21	-10.53	54.00	19.79	178	Horizontal
5	7251.000	38.67	-2.61	54.00	15.33	186	Horizontal
6	7251.000	49.82	-2.61	74.00	24.18	178	Horizontal

Final Data List

Final Data List table content is obscured by a large red watermark.

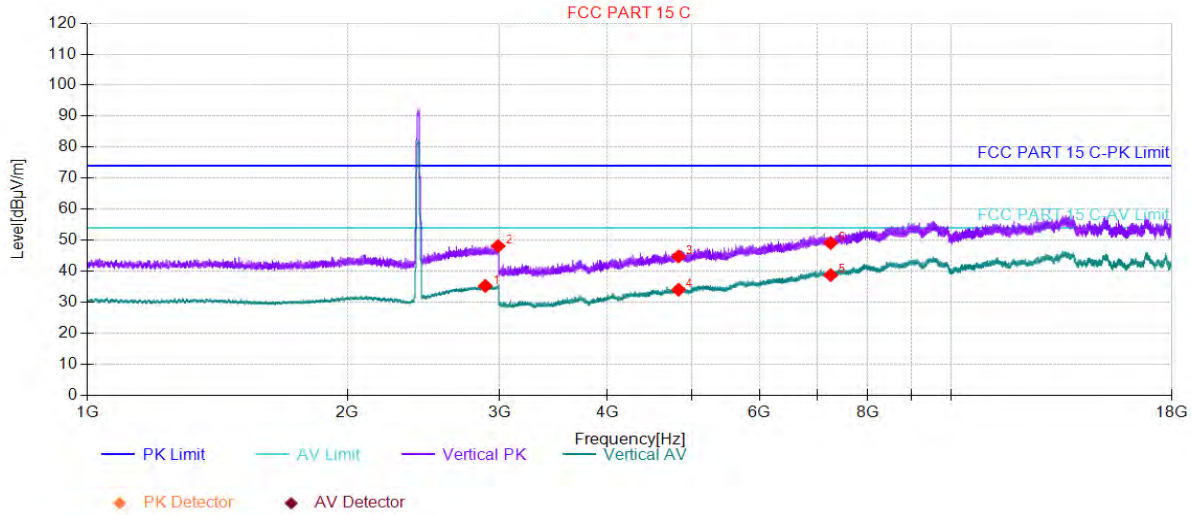


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4.9.2.10 802.11G\_Channel 2

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2887.988	35.22	6.92	54.00	18.78	268	Vertical
2	2988.598	48.11	7.36	74.00	25.89	278	Vertical
3	4834.000	44.74	-10.53	74.00	29.26	266	Vertical
4	4834.000	34.00	-10.53	54.00	20.00	274	Vertical
5	7251.000	38.73	-2.61	54.00	15.27	245	Vertical
6	7251.000	49.07	-2.61	74.00	24.93	241	Vertical

Final Data List

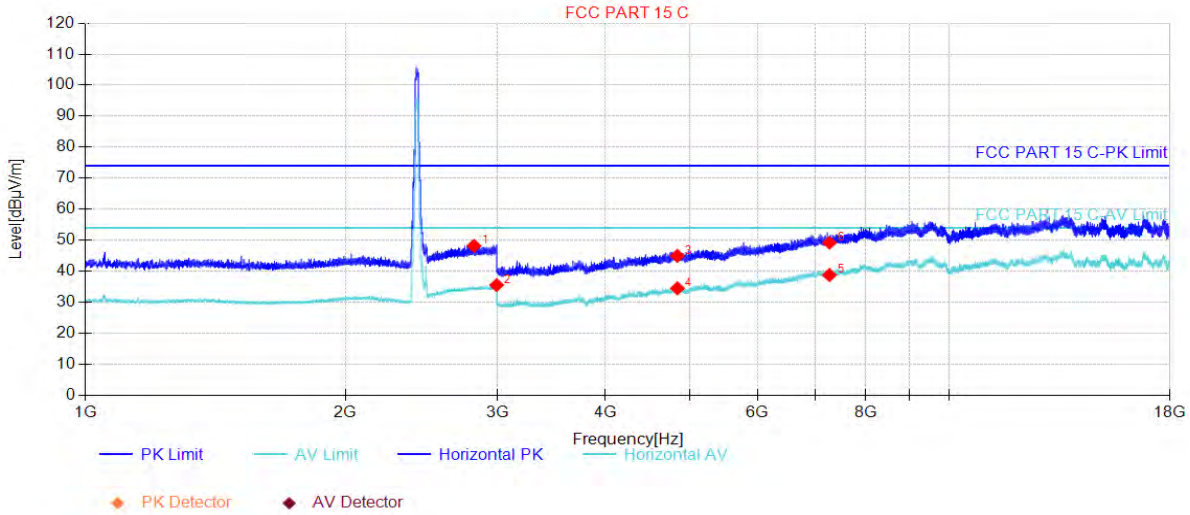


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4.9.2.11 802.11G\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2816.781	48.17	6.77	74.00	25.83	165	Horizontal
2	2992.399	35.51	7.38	54.00	18.49	135	Horizontal
3	4844.000	44.93	-10.50	74.00	29.07	154	Horizontal
4	4844.000	34.46	-10.50	54.00	19.54	136	Horizontal
5	7266.000	38.75	-2.62	54.00	15.25	178	Horizontal
6	7266.000	49.18	-2.62	74.00	24.82	188	Horizontal

Final Data List



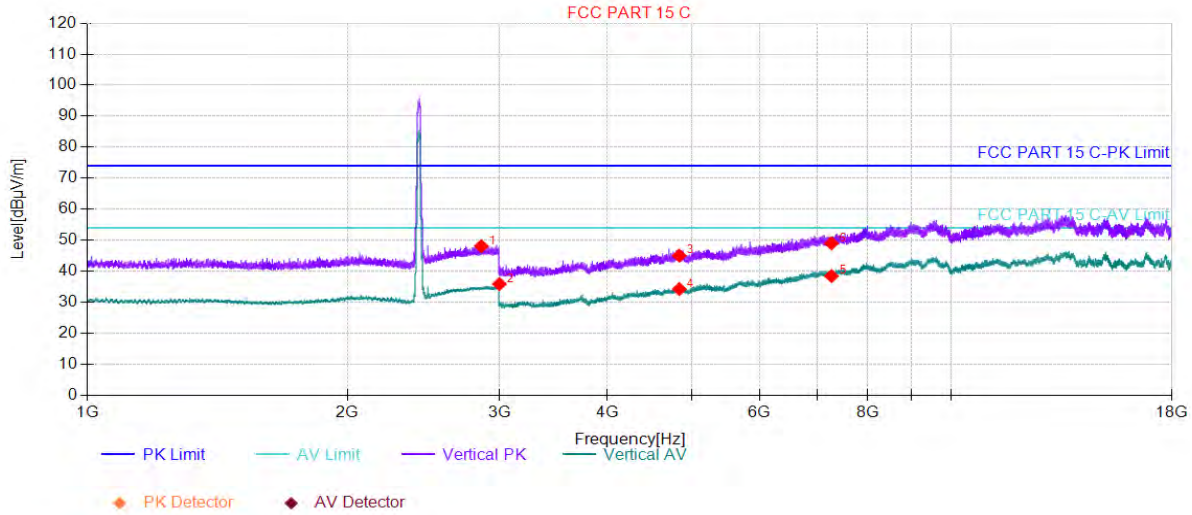
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4.9.2.12 802.11G\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2857.785	48.05	6.86	74.00	25.95	274	Vertical
2	2999.199	35.84	7.41	54.00	18.16	264	Vertical
3	4844.000	44.99	-10.50	74.00	29.01	241	Vertical
4	4844.000	34.21	-10.50	54.00	19.79	285	Vertical
5	7266.000	38.43	-2.62	54.00	15.57	241	Vertical
6	7266.000	48.97	-2.62	74.00	25.03	255	Vertical

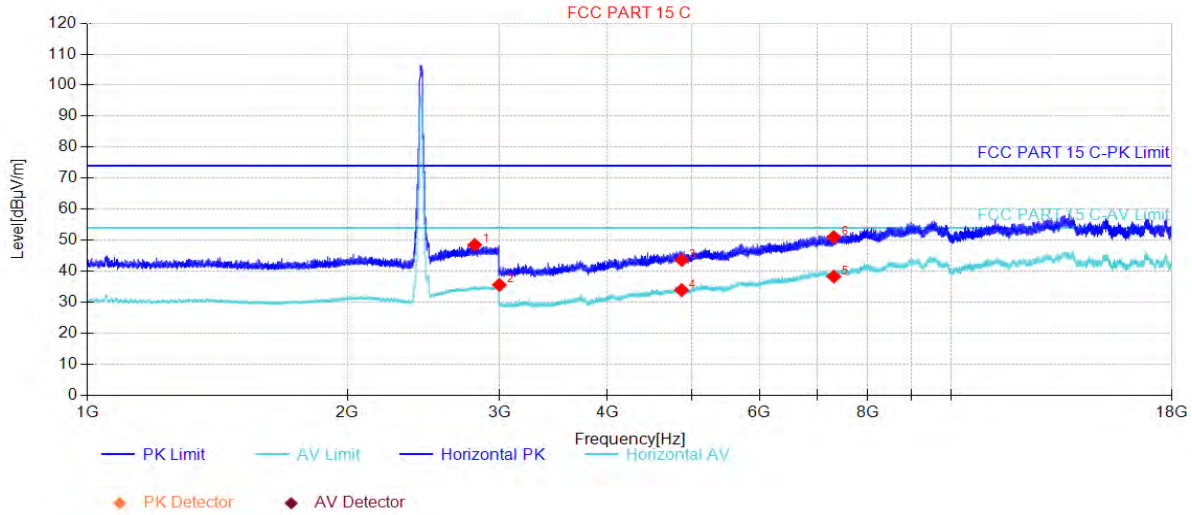
Final Data List



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4.9.2.13 802.11G\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2808.380	48.46	6.75	74.00	25.54	163	Horizontal
2	2998.799	35.57	7.40	54.00	18.43	138	Horizontal
3	4874.000	43.61	-10.40	74.00	30.39	157	Horizontal
4	4874.000	33.90	-10.40	54.00	20.10	168	Horizontal
5	7311.000	38.27	-2.58	54.00	15.73	187	Horizontal
6	7311.000	50.99	-2.58	74.00	23.01	122	Horizontal

Final Data List

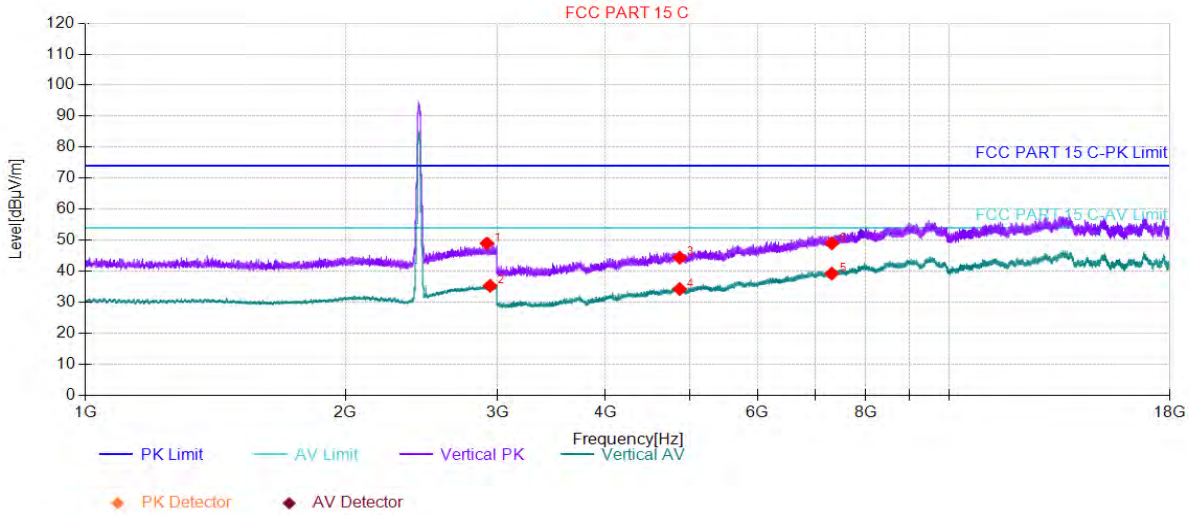


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4.9.2.14 802.11G\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2915.991	49.00	7.02	74.00	25.00	248	Vertical
2	2940.994	35.26	7.14	54.00	18.74	278	Vertical
3	4874.000	44.34	-10.40	74.00	29.66	271	Vertical
4	4874.000	34.22	-10.40	54.00	19.78	268	Vertical
5	7311.000	39.20	-2.58	54.00	14.80	241	Vertical
6	7311.000	48.97	-2.58	74.00	25.03	261	Vertical

Final Data List

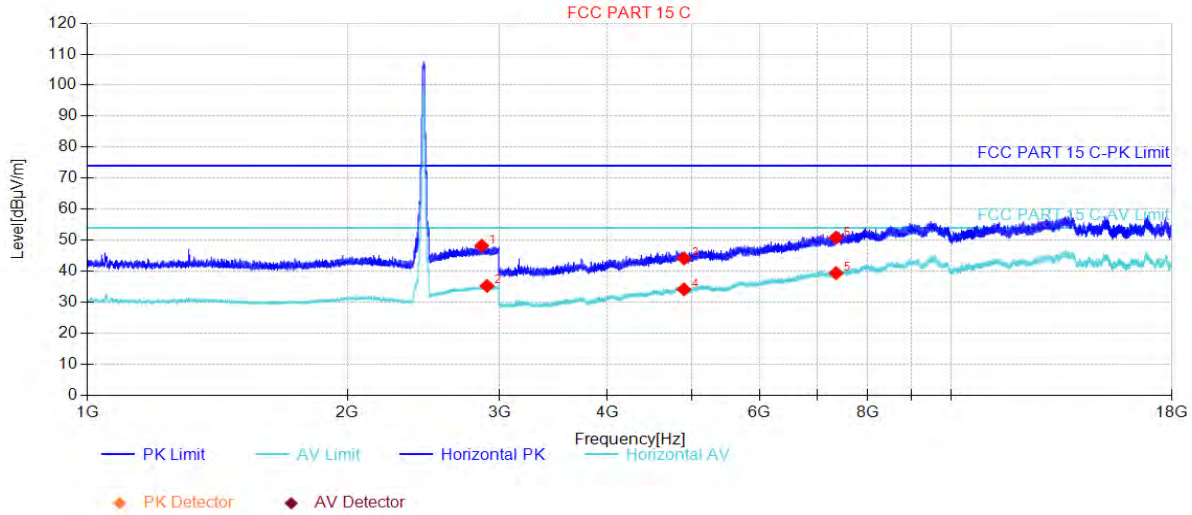


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4.9.2.15 802.11G\_Channel 9

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2860.986	48.21	6.86	74.00	25.79	132	Horizontal
2	2902.190	35.25	6.96	54.00	18.75	168	Horizontal
3	4904.000	44.11	-10.30	74.00	29.89	187	Horizontal
4	4904.000	34.12	-10.30	54.00	19.88	150	Horizontal
5	7356.000	39.34	-2.27	54.00	14.66	168	Horizontal
6	7356.000	50.87	-2.27	74.00	23.13	171	Horizontal

Final Data List

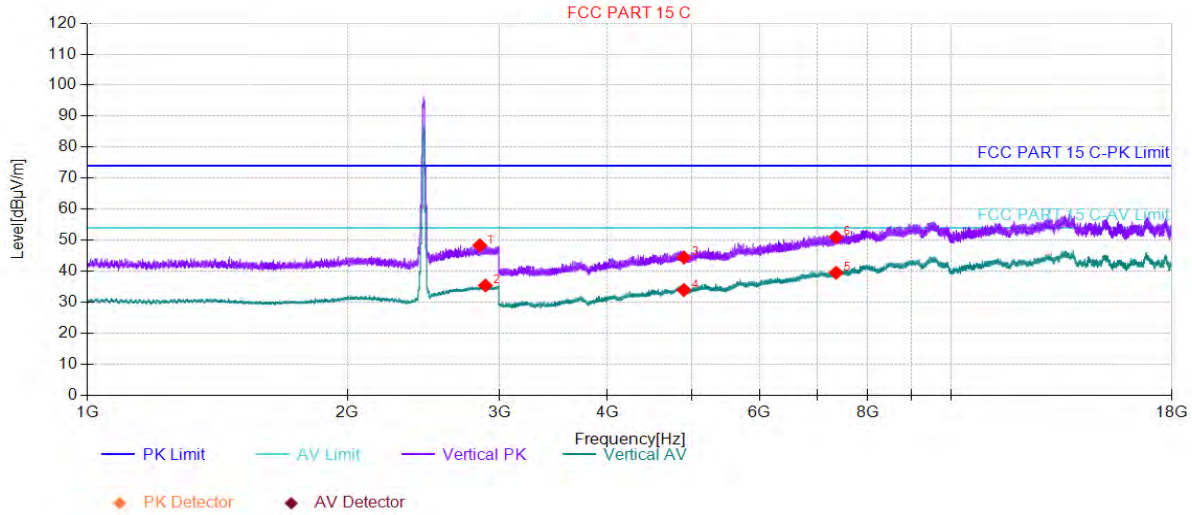


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4.9.2.16 802.11G\_Channel 9

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2846.184	48.35	6.83	74.00	25.65	241	Vertical
2	2888.988	35.37	6.93	54.00	18.63	263	Vertical
3	4904.000	44.39	-10.30	74.00	29.61	278	Vertical
4	4904.000	33.91	-10.30	54.00	20.09	274	Vertical
5	7356.000	39.49	-2.27	54.00	14.51	261	Vertical
6	7356.000	50.97	-2.27	74.00	23.03	211	Vertical

Final Data List

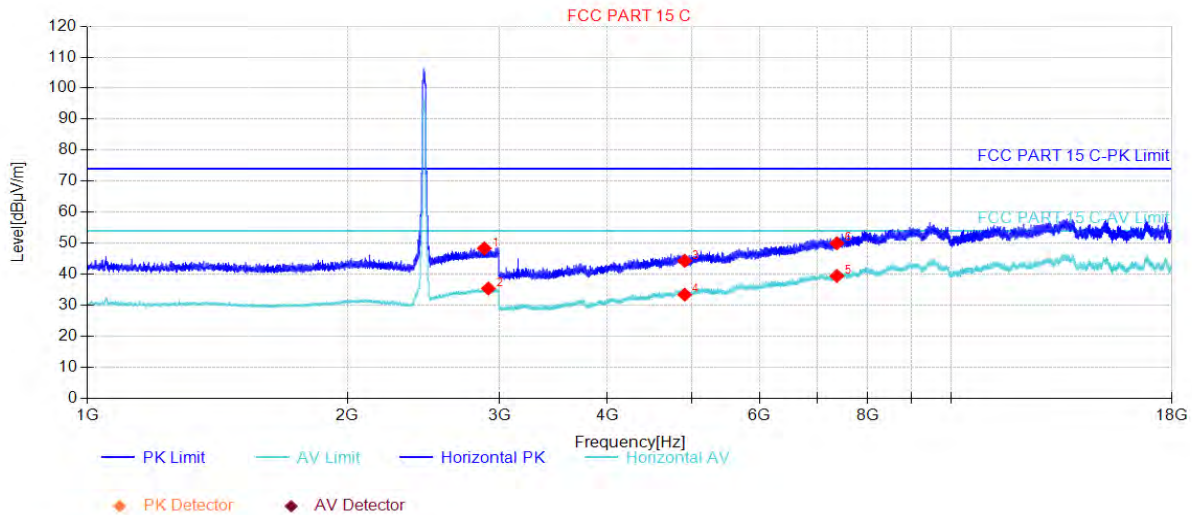


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4.9.2.17 802.11G\_Channel 10

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2880.588	48.32	6.91	74.00	25.68	157	Horizontal
2	2912.191	35.36	7.01	54.00	18.64	168	Horizontal
3	4914.000	44.29	-10.26	74.00	29.71	154	Horizontal
4	4914.000	33.38	-10.26	54.00	20.62	165	Horizontal
5	7371.000	39.40	-2.16	54.00	14.60	151	Horizontal
6	7371.000	49.95	-2.16	74.00	24.05	150	Horizontal

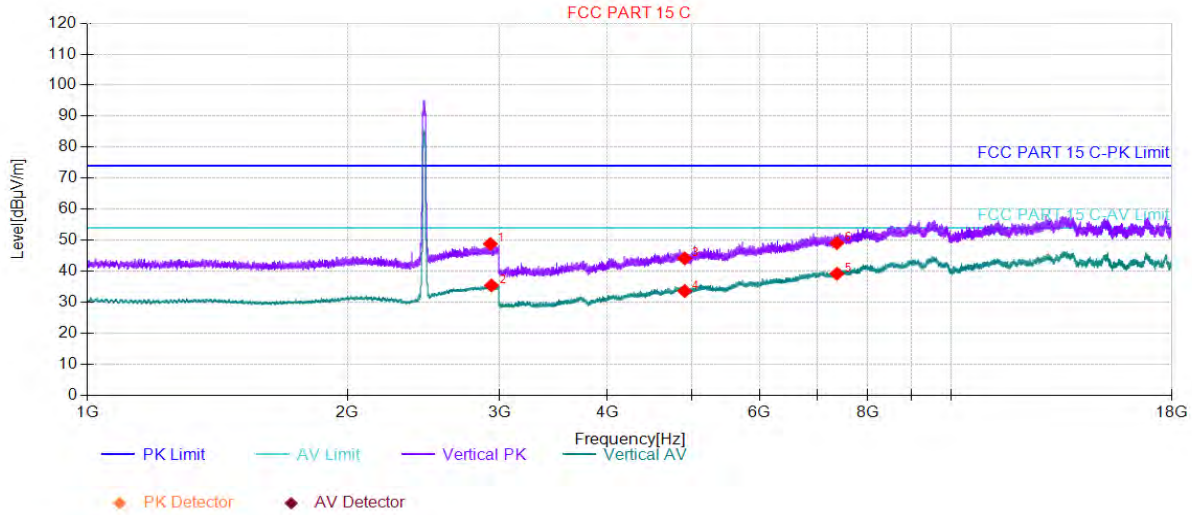
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4.9.2.18 802.11G\_Channel 10

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2927.392	48.79	7.08	74.00	25.21	248	Vertical
2	2936.193	35.40	7.12	54.00	18.60	245	Vertical
3	4914.000	44.14	-10.26	74.00	29.86	248	Vertical
4	4914.000	33.59	-10.26	54.00	20.41	264	Vertical
5	7371.000	39.16	-2.16	54.00	14.84	241	Vertical
6	7371.000	49.03	-2.16	74.00	24.97	233	Vertical

Final Data List

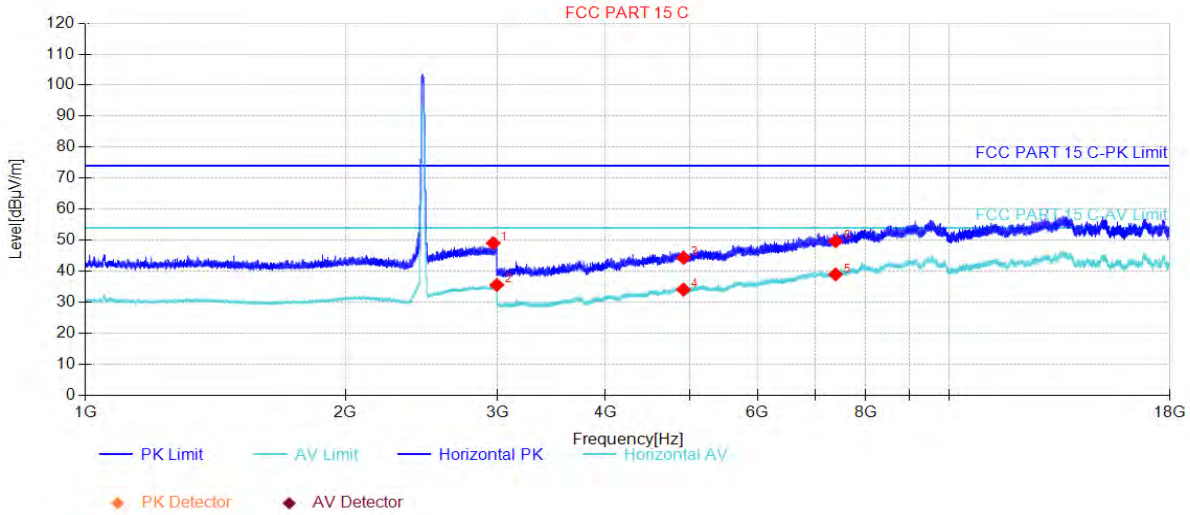


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4.9.2.19 802.11G\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2965.396	49.06	7.25	74.00	24.94	154	Horizontal
2	2993.599	35.54	7.38	54.00	18.46	135	Horizontal
3	4924.000	44.32	-10.22	74.00	29.68	157	Horizontal
4	4924.000	34.05	-10.22	54.00	19.95	178	Horizontal
5	7386.000	38.97	-2.06	54.00	15.03	165	Horizontal
6	7386.000	49.66	-2.06	74.00	24.34	141	Horizontal

Final Data List

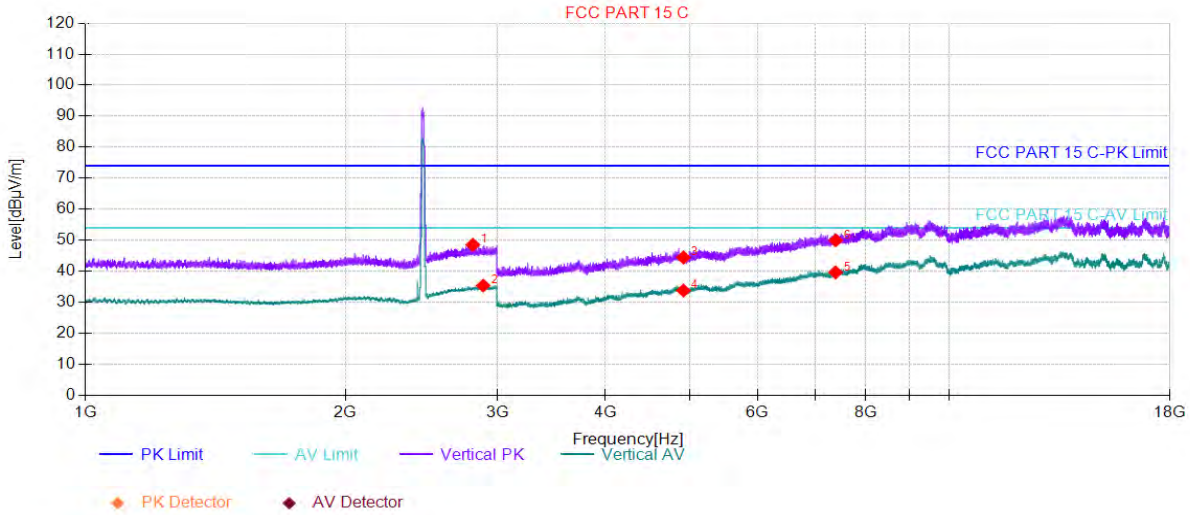


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4.9.2.20 802.11G\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2809.180	48.50	6.75	74.00	25.50	287	Vertical
2	2887.188	35.32	6.92	54.00	18.68	268	Vertical
3	4924.000	44.40	-10.22	74.00	29.60	245	Vertical
4	4924.000	33.74	-10.22	54.00	20.26	233	Vertical
5	7386.000	39.60	-2.06	54.00	14.40	278	Vertical
6	7386.000	49.92	-2.06	74.00	24.08	274	Vertical

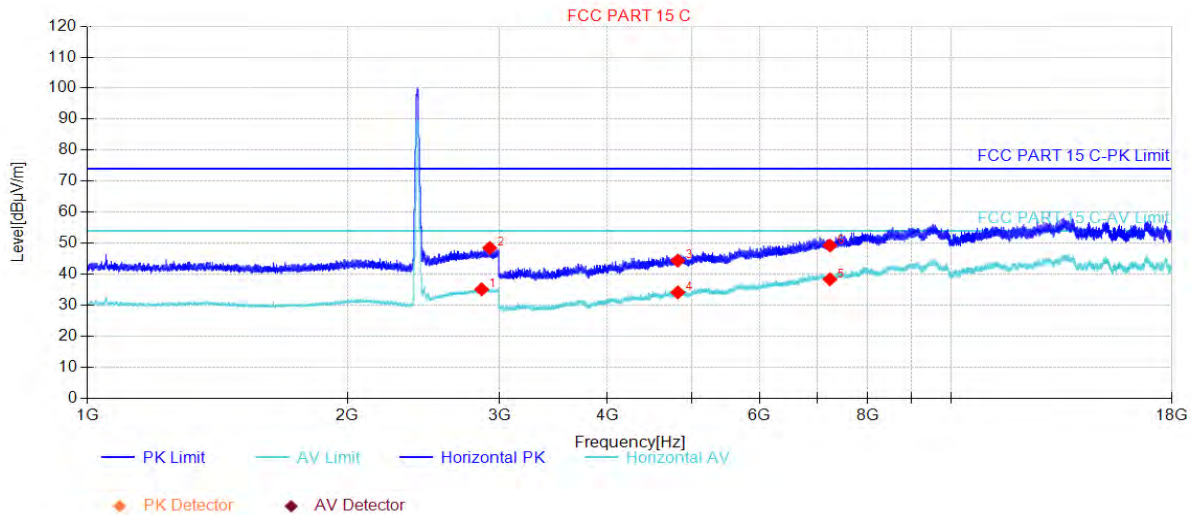
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4.9.2.21 802.11N20\_Channel 1

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2859.786	35.10	6.86	54.00	18.90	144	Horizontal
2	2922.992	48.46	7.06	74.00	25.54	168	Horizontal
3	4824.000	44.36	-10.56	74.00	29.64	178	Horizontal
4	4824.000	34.10	-10.56	54.00	19.90	120	Horizontal
5	7236.000	38.35	-2.59	54.00	15.65	130	Horizontal
6	7236.000	49.25	-2.59	74.00	24.75	166	Horizontal

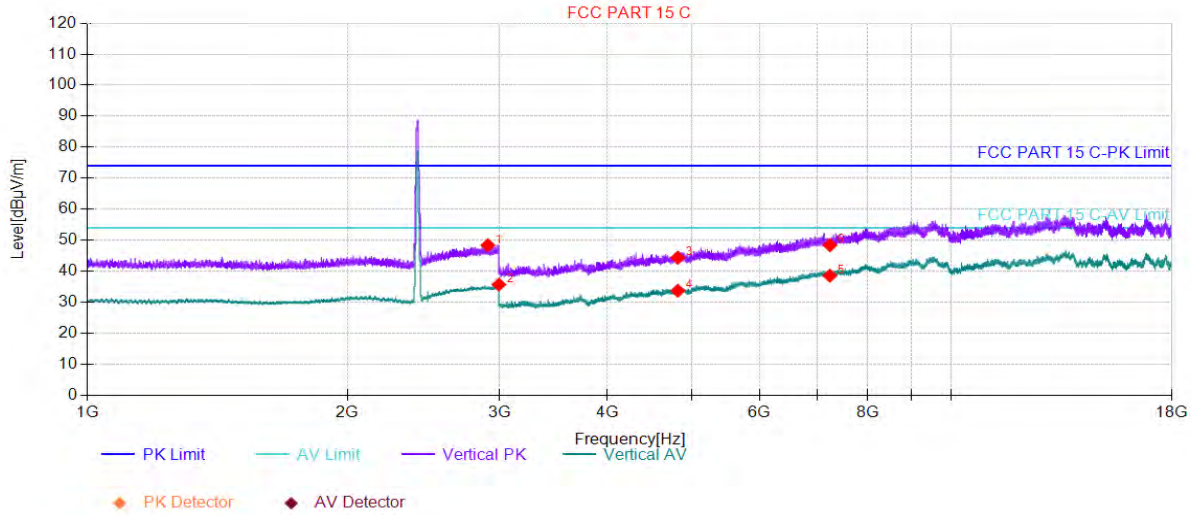
Final Data List



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4.9.2.22 802.11N20\_Channel 1

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2907.790	48.37	6.99	74.00	25.63	228	Vertical
2	2994.799	35.68	7.39	54.00	18.32	264	Vertical
3	4824.000	44.32	-10.56	74.00	29.68	255	Vertical
4	4824.000	33.69	-10.56	54.00	20.31	211	Vertical
5	7236.000	38.54	-2.59	54.00	15.46	258	Vertical
6	7236.000	48.39	-2.59	74.00	25.61	290	Vertical

Final Data List

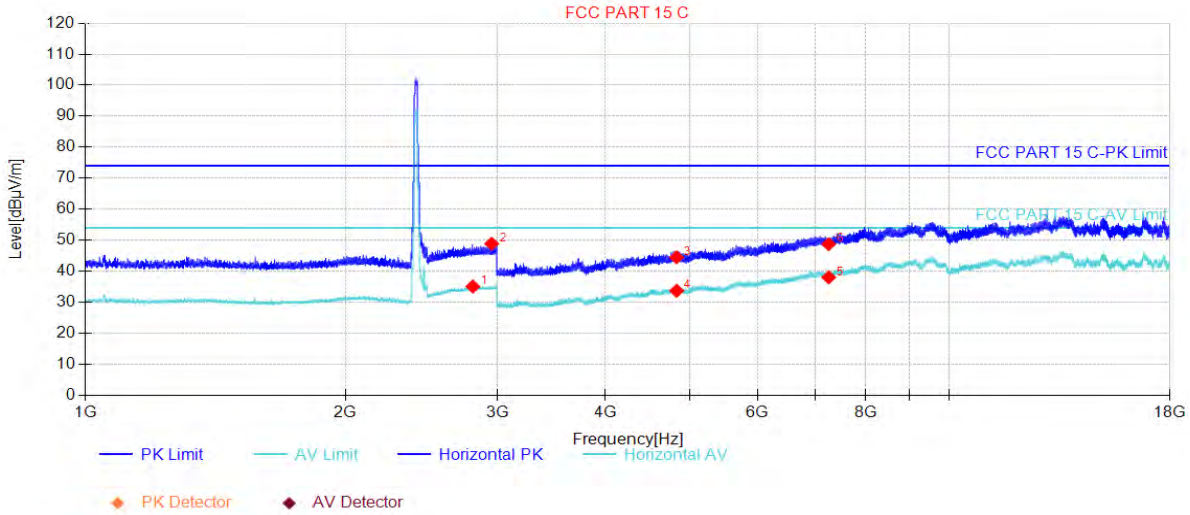


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4.9.2.23 802.11N20\_Channel 2

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2808.980	35.04	6.75	54.00	18.96	178	Horizontal
2	2952.795	48.87	7.19	74.00	25.13	162	Horizontal
3	4834.000	44.46	-10.53	74.00	29.54	178	Horizontal
4	4834.000	33.67	-10.53	54.00	20.33	133	Horizontal
5	7251.000	37.99	-2.61	54.00	16.01	178	Horizontal
6	7251.000	48.72	-2.61	74.00	25.28	164	Horizontal

Final Data List

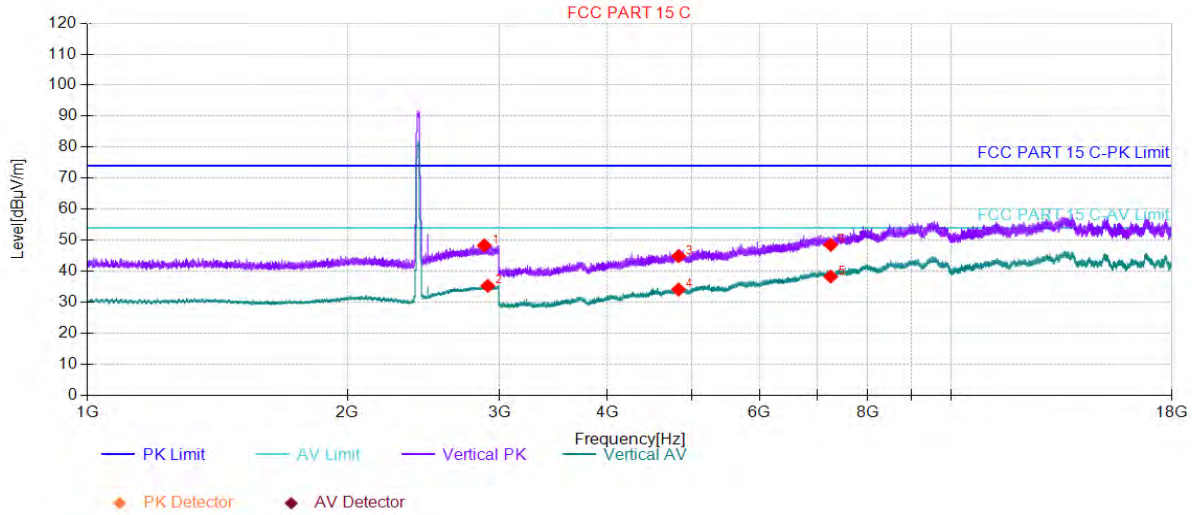


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4.9.2.24 802.11N20\_Channel 2

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2880.988	48.32	6.91	74.00	25.68	278	Vertical
2	2907.590	35.23	6.98	54.00	18.77	262	Vertical
3	4834.000	44.84	-10.53	74.00	29.16	277	Vertical
4	4834.000	34.09	-10.53	54.00	19.91	241	Vertical
5	7251.000	38.25	-2.61	54.00	15.75	278	Vertical
6	7251.000	48.48	-2.61	74.00	25.52	241	Vertical

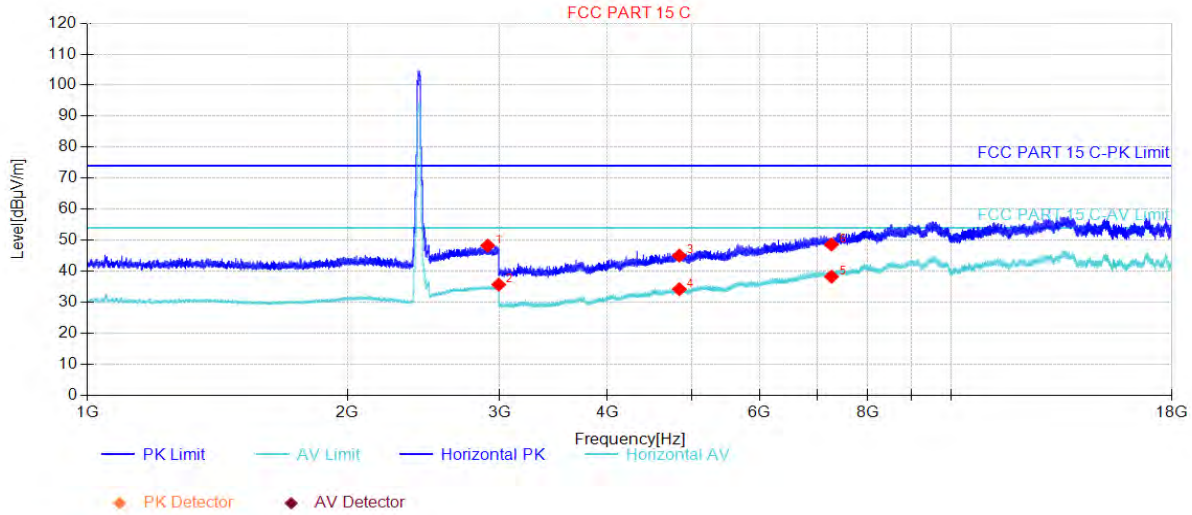
Final Data List



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4.9.2.25 802.11N20\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2906.990	48.23	6.98	74.00	25.77	178	Horizontal
2	2993.399	35.65	7.38	54.00	18.35	162	Horizontal
3	4844.000	45.00	-10.50	74.00	29.00	178	Horizontal
4	4844.000	34.18	-10.50	54.00	19.82	154	Horizontal
5	7266.000	38.23	-2.62	54.00	15.77	132	Horizontal
6	7266.000	48.58	-2.62	74.00	25.42	152	Horizontal

Final Data List

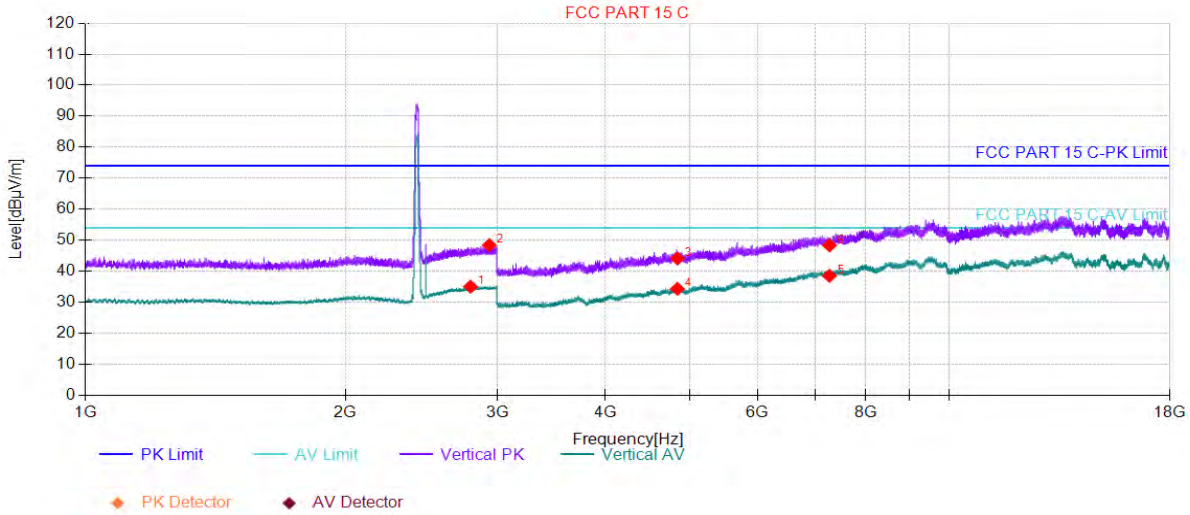


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4.9.2.26 802.11N20\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2791.179	34.99	6.64	54.00	19.01	287	Vertical
2	2934.593	48.39	7.11	74.00	25.61	264	Vertical
3	4844.000	44.08	-10.50	74.00	29.92	274	Vertical
4	4844.000	34.29	-10.50	54.00	19.71	241	Vertical
5	7266.000	38.52	-2.62	54.00	15.48	298	Vertical
6	7266.000	48.35	-2.62	74.00	25.65	241	Vertical

Final Data List

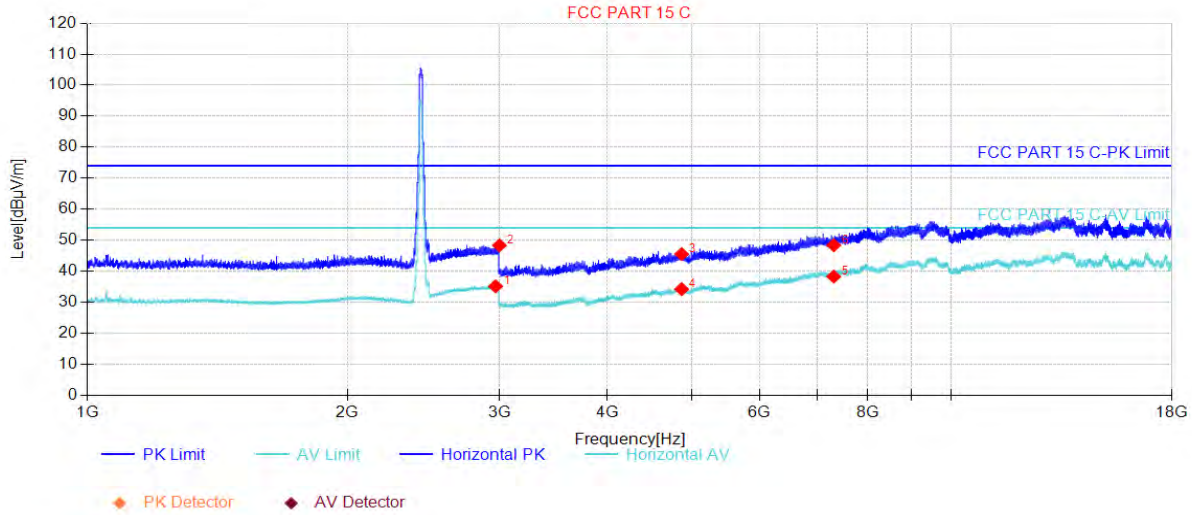


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4.9.2.27 802.11N20\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2968.596	35.11	7.27	54.00	18.89	136	Horizontal
2	2999.199	48.32	7.41	74.00	25.68	124	Horizontal
3	4874.000	45.50	-10.40	74.00	28.50	178	Horizontal
4	4874.000	34.17	-10.40	54.00	19.83	116	Horizontal
5	7311.000	38.26	-2.58	54.00	15.74	178	Horizontal
6	7311.000	48.36	-2.58	74.00	25.64	174	Horizontal

Final Data List



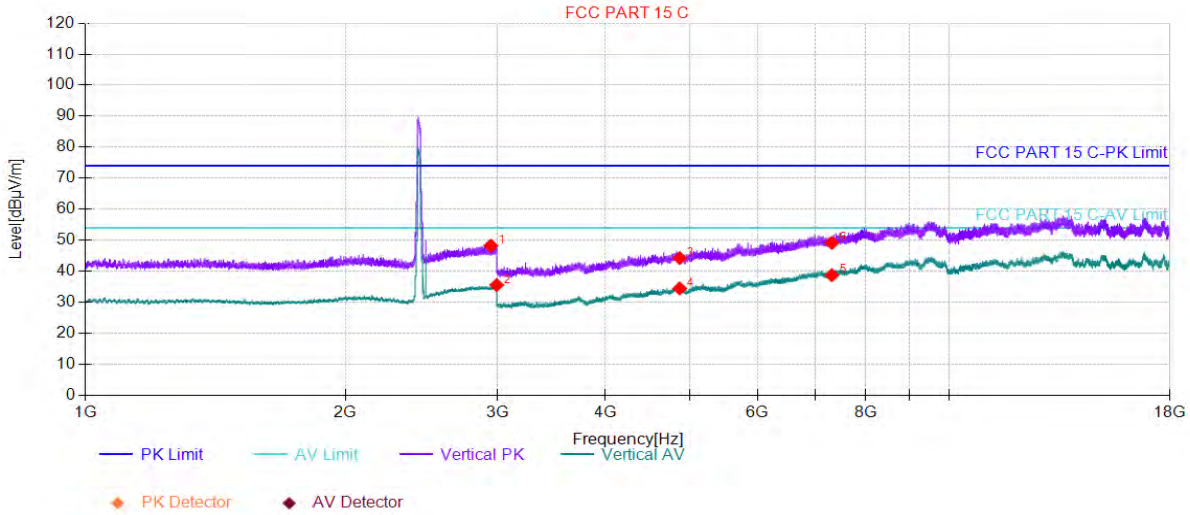
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4.9.2.28 802.11N20\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2946.994	48.23	7.17	74.00	25.77	241	Vertical
2	2992.999	35.51	7.38	54.00	18.49	263	Vertical
3	4874.000	44.21	-10.40	74.00	29.79	274	Vertical
4	4874.000	34.43	-10.40	54.00	19.57	274	Vertical
5	7311.000	38.70	-2.58	54.00	15.30	241	Vertical
6	7311.000	49.12	-2.58	74.00	24.88	266	Vertical

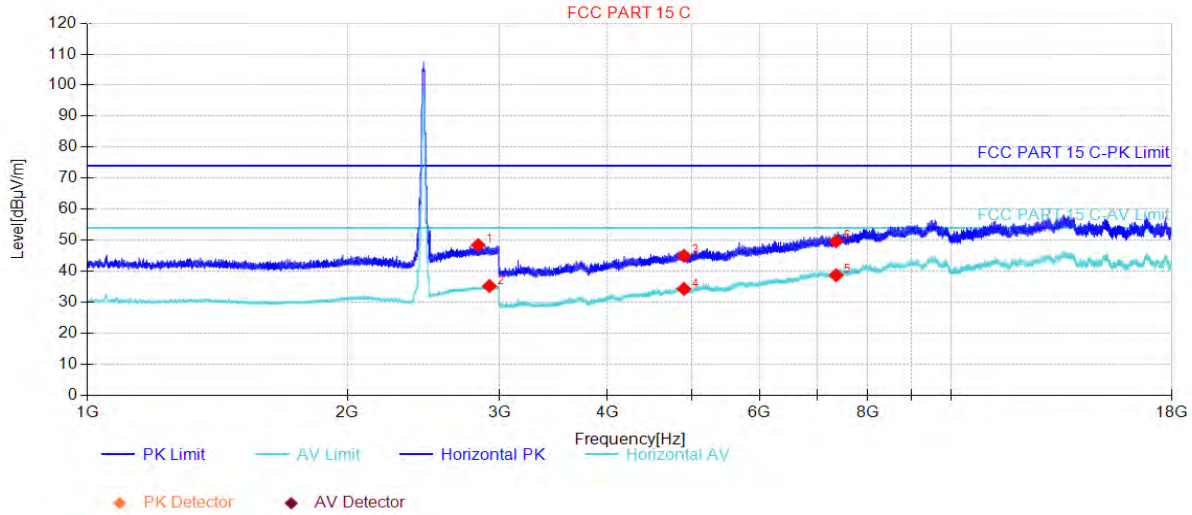
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4.9.2.29 802.11N20\_Channel 9

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2834.183	48.40	6.81	74.00	25.60	114	Horizontal
2	2919.792	35.20	7.04	54.00	18.80	123	Horizontal
3	4904.000	44.97	-10.30	74.00	29.03	154	Horizontal
4	4904.000	34.27	-10.30	54.00	19.73	135	Horizontal
5	7356.000	38.68	-2.27	54.00	15.32	148	Horizontal
6	7356.000	49.66	-2.27	74.00	24.34	151	Horizontal

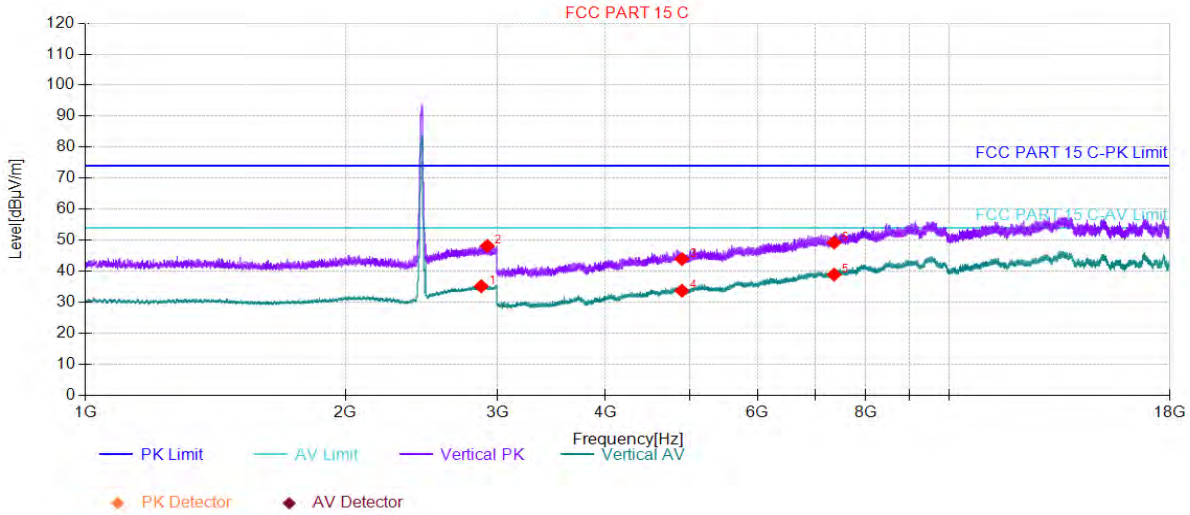
Final Data List



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4.9.2.30 802.11N20\_Channel 9

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2872.387	35.14	6.89	54.00	18.86	245	Vertical
2	2919.191	48.15	7.04	74.00	25.85	278	Vertical
3	4904.000	43.90	-10.30	74.00	30.10	274	Vertical
4	4904.000	33.68	-10.30	54.00	20.32	235	Vertical
5	7356.000	38.88	-2.27	54.00	15.12	274	Vertical
6	7356.000	49.21	-2.27	74.00	24.79	274	Vertical

Final Data List

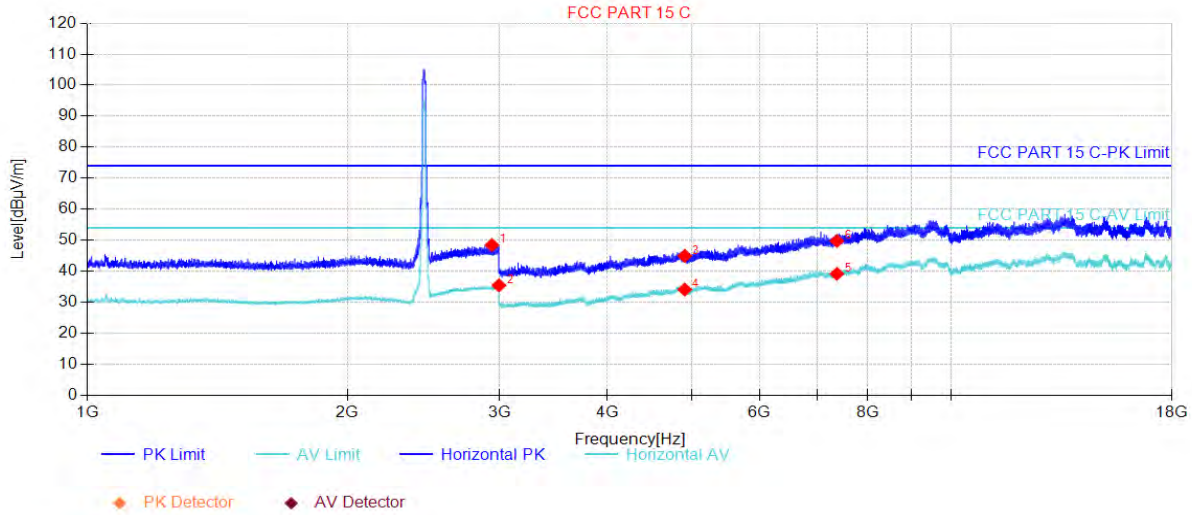


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4.9.2.31 802.11N20\_Channel 10

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2939.594	48.41	7.13	74.00	25.59	154	Horizontal
2	2994.599	35.41	7.39	54.00	18.59	215	Horizontal
3	4914.000	44.92	-10.26	74.00	29.08	132	Horizontal
4	4914.000	34.07	-10.26	54.00	19.93	165	Horizontal
5	7371.000	39.13	-2.16	54.00	14.87	124	Horizontal
6	7371.000	49.76	-2.16	74.00	24.24	235	Horizontal

Final Data List

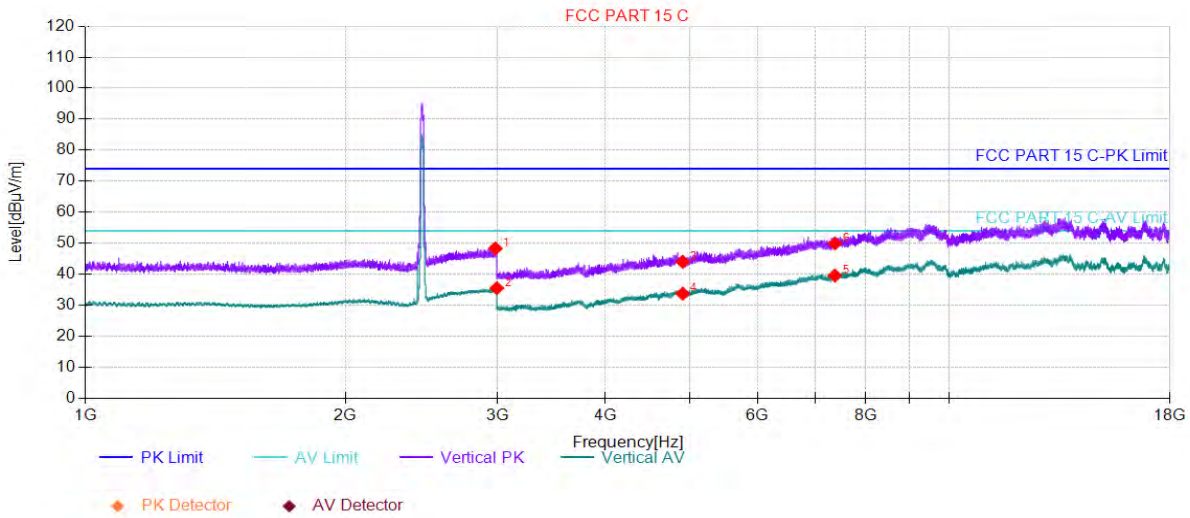


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4.9.2.32 802.11N20\_Channel 10

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2982.398	48.31	7.33	74.00	25.69	253	Vertical
2	2994.199	35.48	7.38	54.00	18.52	231	Vertical
3	4914.000	43.97	-10.26	74.00	30.03	256	Vertical
4	4914.000	33.72	-10.26	54.00	20.28	289	Vertical
5	7371.000	39.54	-2.16	54.00	14.46	269	Vertical
6	7371.000	49.92	-2.16	74.00	24.08	254	Vertical

Final Data List

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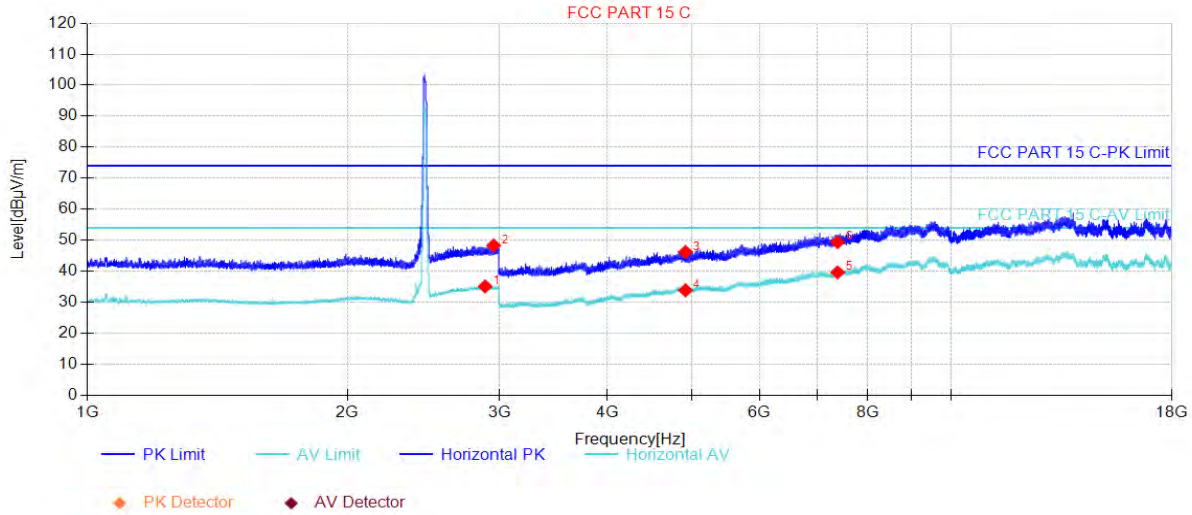


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4.9.2.33 802.11N20\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2886.988	35.08	6.92	54.00	18.92	178	Horizontal
2	2953.195	48.27	7.19	74.00	25.73	165	Horizontal
3	4924.000	46.16	-10.22	74.00	27.84	145	Horizontal
4	4924.000	33.84	-10.22	54.00	20.16	155	Horizontal
5	7386.000	39.61	-2.06	54.00	14.39	121	Horizontal
6	7386.000	49.36	-2.06	74.00	24.64	130	Horizontal

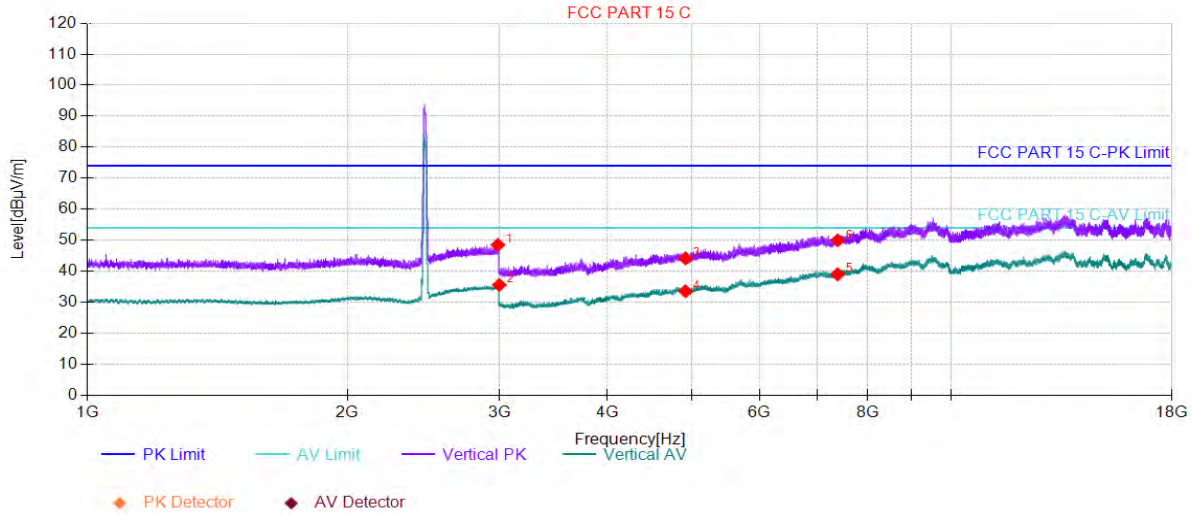
Final Data List



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4.9.2.34 802.11N20\_Channel 11

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2986.398	48.48	7.35	74.00	25.52	241	Vertical
2	2997.799	35.55	7.40	54.00	18.45	247	Vertical
3	4924.000	44.12	-10.22	74.00	29.88	269	Vertical
4	4924.000	33.51	-10.22	54.00	20.49	241	Vertical
5	7386.000	38.99	-2.06	54.00	15.01	265	Vertical
6	7386.000	49.93	-2.06	74.00	24.07	287	Vertical

Final Data List

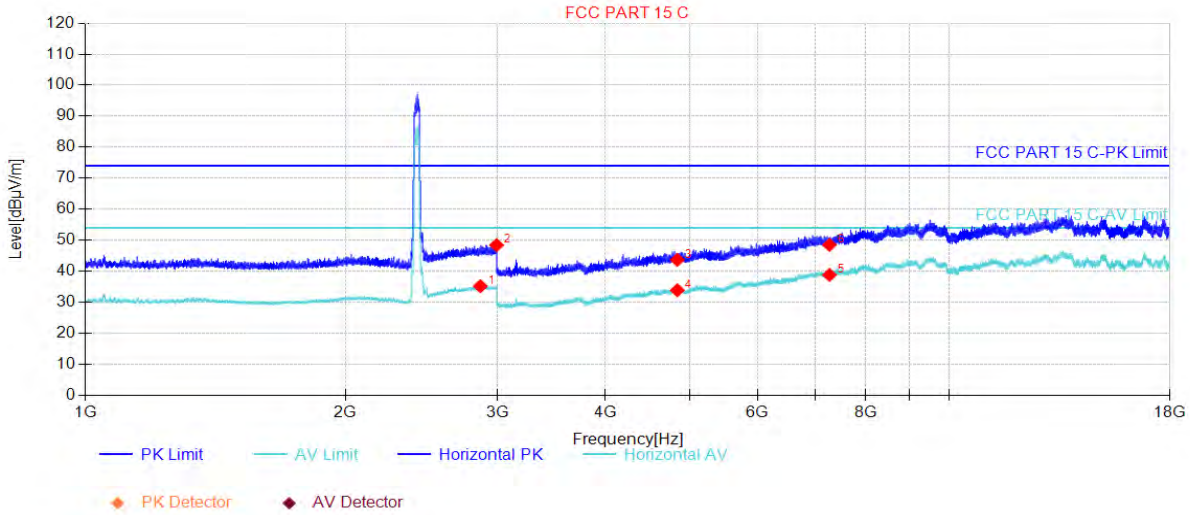


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4.9.2.35 802.11N40\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2865.386	35.16	6.87	54.00	18.84	156	Horizontal
2	2992.199	48.40	7.37	74.00	25.60	178	Horizontal
3	4844.000	43.64	-10.50	74.00	30.36	165	Horizontal
4	4844.000	33.85	-10.50	54.00	20.15	150	Horizontal
5	7266.000	38.78	-2.62	54.00	15.22	168	Horizontal
6	7266.000	48.47	-2.62	74.00	25.53	132	Horizontal

Final Data List

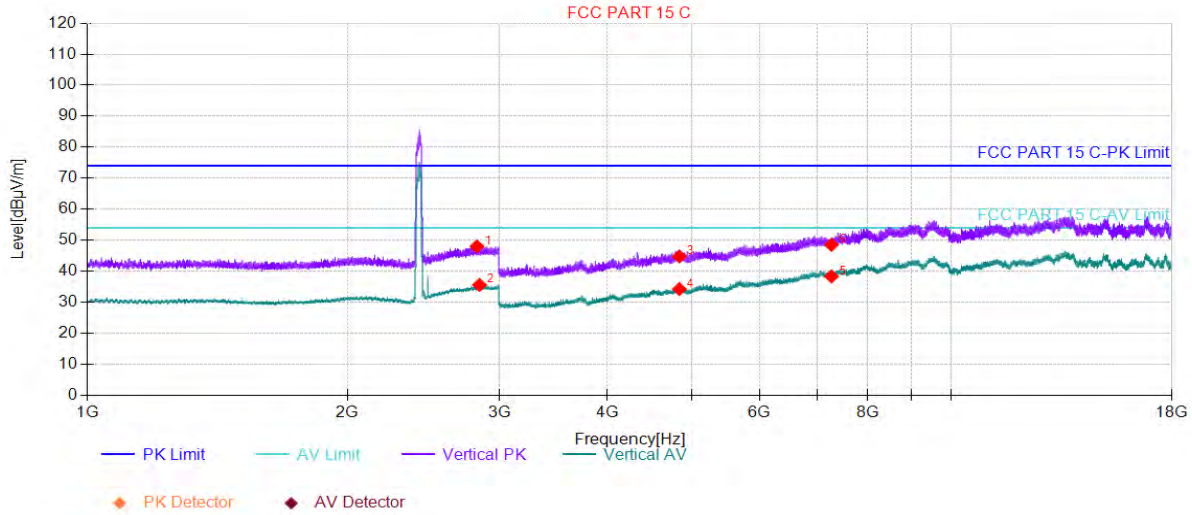


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4.9.2.36 802.11N40\_Channel 3

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2824.582	48.01	6.78	74.00	25.99	241	Vertical
2	2843.784	35.55	6.83	54.00	18.45	253	Vertical
3	4844.000	44.74	-10.50	74.00	29.26	278	Vertical
4	4844.000	34.19	-10.50	54.00	19.81	241	Vertical
5	7266.000	38.31	-2.62	54.00	15.69	268	Vertical
6	7266.000	48.49	-2.62	74.00	25.51	274	Vertical

Final Data List

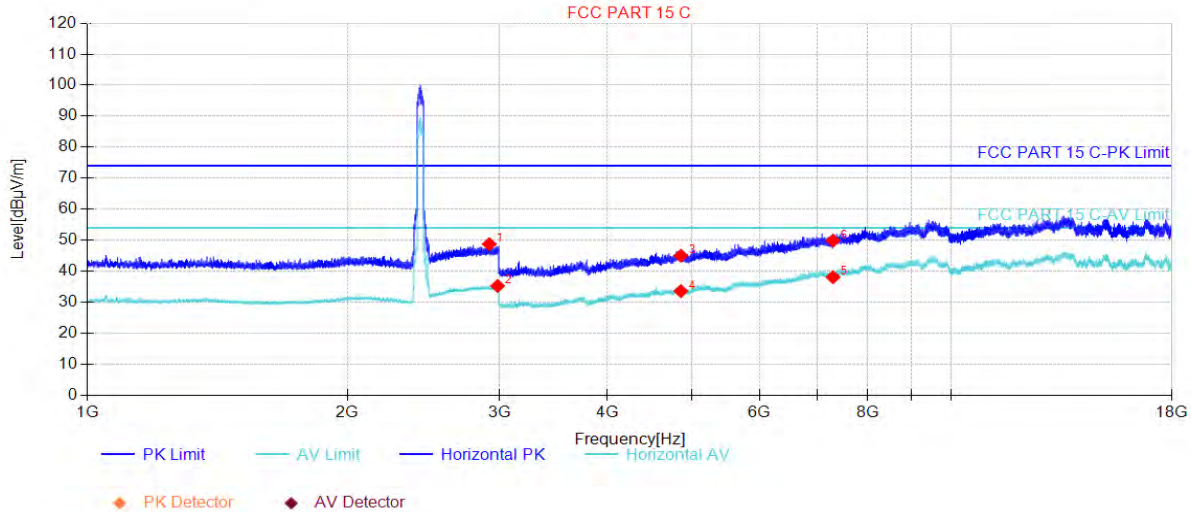


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4.9.2.37 802.11N40\_Channel 5

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2918.991	48.72	7.04	74.00	25.28	115	Horizontal
2	2983.998	35.23	7.34	54.00	18.77	187	Horizontal
3	4864.000	44.98	-10.43	74.00	29.02	165	Horizontal
4	4864.000	33.56	-10.43	54.00	20.44	132	Horizontal
5	7296.000	38.09	-2.65	54.00	15.91	158	Horizontal
6	7296.000	49.88	-2.65	74.00	24.12	194	Horizontal

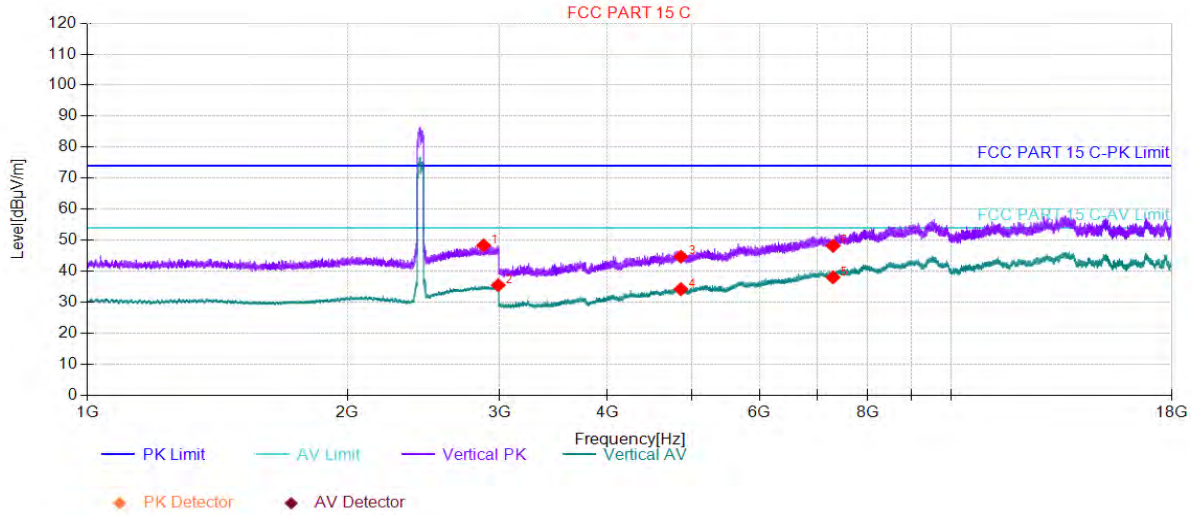
Final Data List



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4.9.2.38 802.11N40\_Channel 5

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2875.387	48.31	6.90	74.00	25.69	236	Vertical
2	2989.198	35.47	7.36	54.00	18.53	300	Vertical
3	4864.000	44.68	-10.43	74.00	29.32	244	Vertical
4	4864.000	34.16	-10.43	54.00	19.84	278	Vertical
5	7296.000	38.00	-2.65	54.00	16.00	261	Vertical
6	7296.000	48.18	-2.65	74.00	25.82	225	Vertical

Final Data List

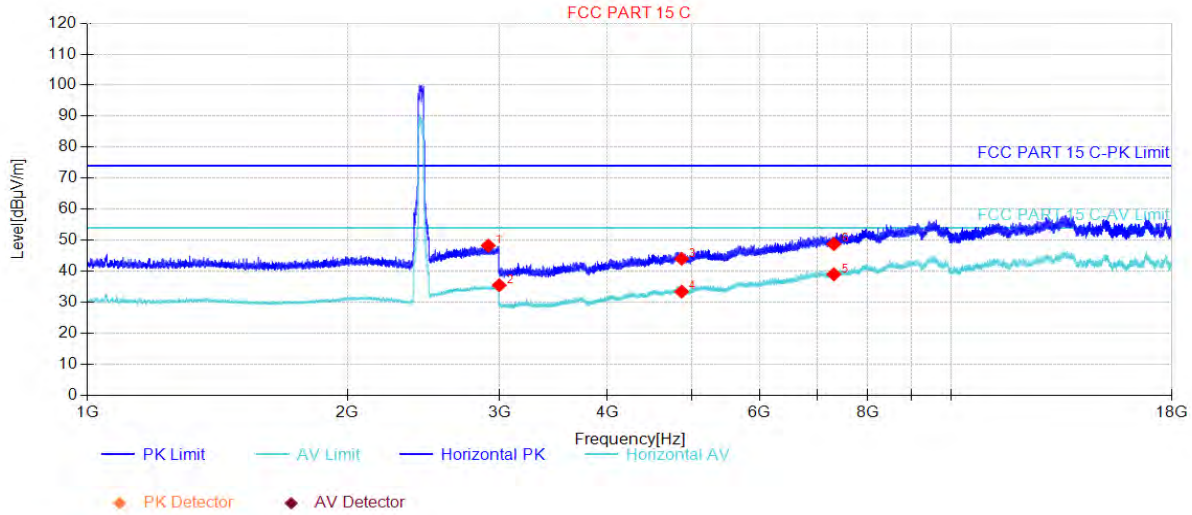


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4.9.2.39 802.11N40\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2910.791	48.25	7.00	74.00	25.75	154	Horizontal
2	2997.599	35.45	7.40	54.00	18.55	132	Horizontal
3	4874.000	43.98	-10.40	74.00	30.02	154	Horizontal
4	4874.000	33.40	-10.40	54.00	20.60	178	Horizontal
5	7311.000	38.98	-2.58	54.00	15.02	165	Horizontal
6	7311.000	48.74	-2.58	74.00	25.26	178	Horizontal

Final Data List

Final Data List table content is obscured by a large watermark.



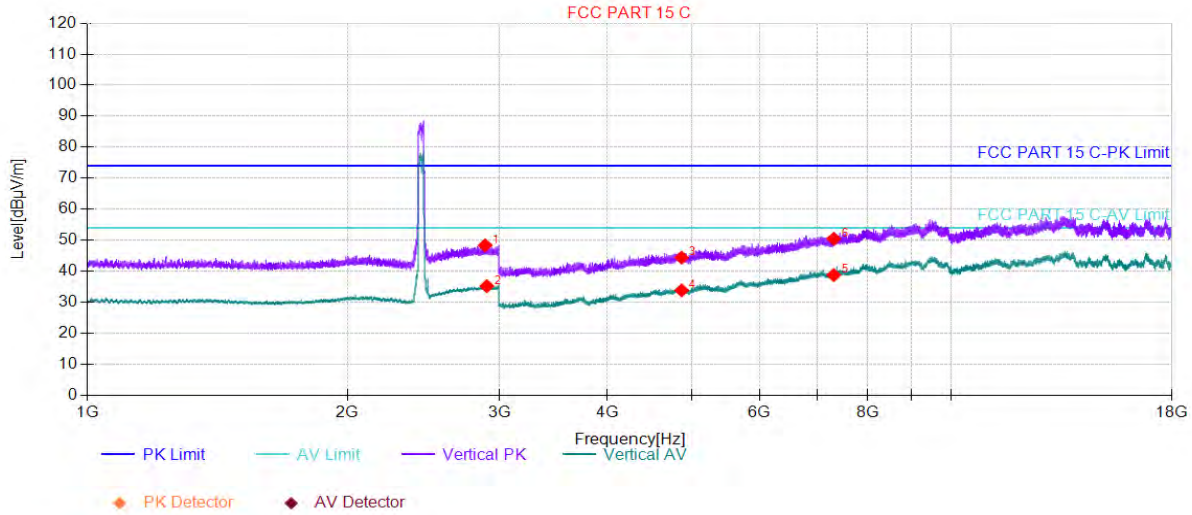
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4.9.2.40 802.11N40\_Channel 6

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	2886.788	48.34	6.92	74.00	25.66	245	Vertical
2	2899.990	35.16	6.95	54.00	18.84	268	Vertical
3	4874.000	44.36	-10.40	74.00	29.64	278	Vertical
4	4874.000	33.79	-10.40	54.00	20.21	265	Vertical
5	7311.000	38.73	-2.58	54.00	15.27	241	Vertical
6	7311.000	50.46	-2.58	74.00	23.54	278	Vertical

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