

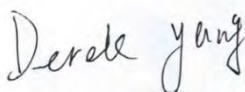
# FCC TEST REPORT

**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 FCC Part 15, Subpart E  
**Test Method:** KDB 789033 D02 General UNII Test Procedures New Rules v02  
 FCC KDB 558074 D01 DTS Meas Guidance v0502  
 KDB 662911 D01 Multiple Transmitter Output v02r01  
 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02  
 KDB 905462 D03 Client Without DFS New Rules v01r02  
 ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices  
**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

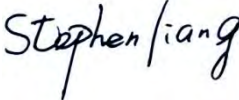



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# 1 Version

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/2021/1001405, 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	Band	FCC rules	Test Requirements	Test Result	Result	Test Lab*
26dB Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Clause 4.5	PASS	A
	5250-5350	15.403(i) 15.407(a)(2)				
	5470-5725	15.403(i) 15.407(a)(2)				
6dB Emission Bandwidth	5725-5850	15.403(i) 15.407(e)	≥ 500 kHz.	Clause 4.6	PASS	A
99% Occupied Bandwidth	5150-5250	KDB 789033 D02§ D	No limit.	Clause 4.7	PASS	A
	5250-5350					
	5470-5725					
	5725-5850					
Duty Cycle	5150-5850	--	No limit.	Clause 4.3	PASS	A
Maximum Conducted Output Power	5150-5250	15.407(a)(1) 15.407(a)(4)	FCC < 250mW (avg during transmission)	Clause 4.4	PASS	A
	5250-5350	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*Ig(EBW)} (avg during transmission)			
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*Ig(EBW)} (avg during transmission)			
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)			
Maximum Power Spectral Density	5150-5250	15.407(a)(1) 15.407(a)(4)	<11dBm/MHz (avg during transmission)	Clause 4.8	PASS	A
	5250-5350	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)			
	5470-5725	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)			
	5725-5850	15.407(a)(3) 15.407(a)(4)	<30dBm/500KHz (avg during transmission)			
Unwanted Emissions that fall Out of the Restricted Bands (Radiated)	5150-5250	15.407(b)(1) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.15-5.35 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).	Clause 4.9	PASS	B
	5250-5350	15.407(b)(2) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP).		PASS	



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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

			F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).			
	5470-5750	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.47-5.725 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS	
	5725-5850	15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP) F≥1GHz & out-restricted:(QP) a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges. F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS	
Unwanted Emissions in the Restricted Bands (Radiated)	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.10	PASS	B
AC Power Line Conducted Emissions	5150-5250 5250-5350 5470-5725 5725-5850	15.207	---	Clause 4.2	PASS	B



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Frequency Stability	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.11	PASS	A
Dynamic Frequency Selection	5250-5350 5470-5725	47 CFR Part 15, Subpart E 15.407	Channel Move Time:10 Seconds	Clause 4.12	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"/> 802.11a (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11n (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11n (40 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11ac (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac (40 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac (80 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac (160 MHz channel bandwidth)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80/): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80/160): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80/160): 5470MHz to 5725MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5725MHz to 5850MHz
Type of Modulation:	OFDM
DFS mode:	<input type="checkbox"/> Master <input type="checkbox"/> Slave with radar detection <input checked="" type="checkbox"/> Slave without radar detection
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 802.11a/n/ac), <input type="checkbox"/> MIMO (for 802.11n/ac), <input type="checkbox"/> Diversity (for 802.11a).
Antenna Gain:	-1.1dBi

**Remark:**

In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

Frequency Range of Operation Operating Frequency Range (in each Band)	Number of Measurement Frequencies Required	Location of Measurement Frequency in Band of Operation
1 MHz or less	1	centre
1 MHz to 10 MHz	2	1 near high end, 1 near low end
Greater than 10 MHz	3	1 near high end, 1 near centre



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For UNII Band I:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5180
	The Middle channel	5200
	The Highest channel	5240
IEEE 802.11n/ac 40MHz	The Lowest channel	5190
	The Highest channel	5230
IEEE 802.11ac 80MHz	The Middle channel	5210

For UNII Band II-A:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5260
	The Middle channel	5280
	The Highest channel	5320
IEEE 802.11n/ac 40MHz	The Lowest channel	5270
	The Highest channel	5310
IEEE 802.11ac 80MHz	The Middle channel	5290

For UNII Band II-C:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5500
	The Middle channel	5580
	The Highest channel	5700
IEEE 802.11n/ac 40MHz	The Lowest channel	5510
	The Middle channel	5550
	The Highest channel	5670
IEEE 802.11ac 80MHz	The Lowest channel	5530
	The Highest channel	5610

For UNII Band III:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5745
	The Middle channel	5785
	The Highest channel	5825
IEEE 802.11n/ac 40MHz	The Lowest channel	5755
	The Highest channel	5795
IEEE 802.11ac 80MHz	The Middle channel	5775



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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 3.5 Test Environment and Mode

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



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## 4 Test results and Measurement Data

### 4.1 Antenna Requirement

<b>Standard requirement:</b>	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is -1.1dBi.	

### 4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
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:	<ol style="list-style-type: none"> <li>1) The mains terminal disturbance voltage test was conducted in a shielded room.</li> <li>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.</li> <li>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,</li> <li>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.</li> <li>5) 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.</li> </ol>		



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<p>Test Setup:</p>	
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.</p>
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. 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>

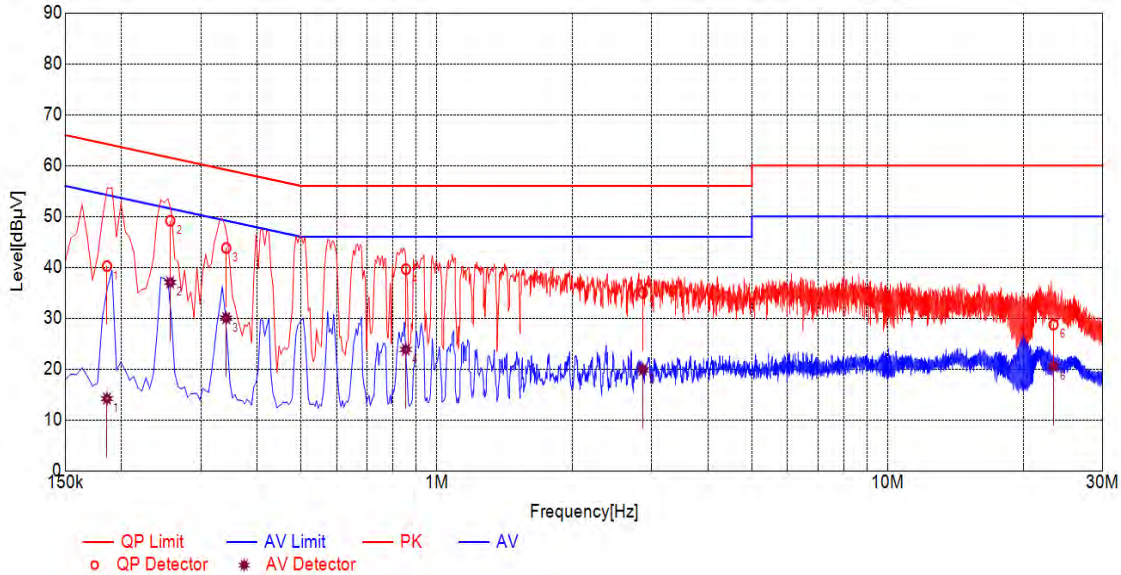


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**Measurement Data**

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:**



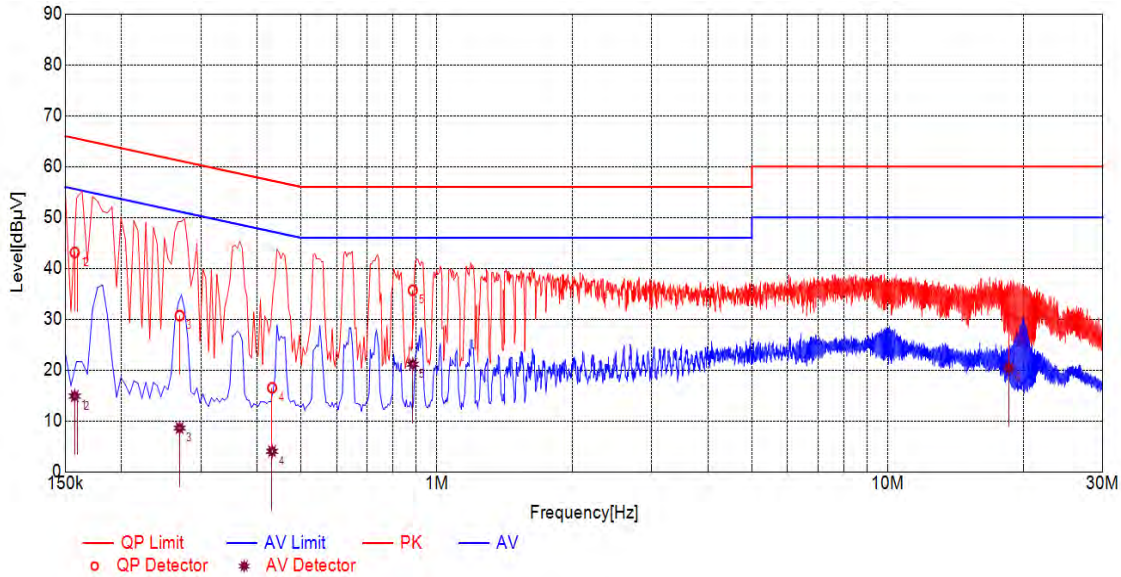
**Test Graph**

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	0.1857	10.10	40.25	64.22	23.97	14.19	54.22	40.03
2	0.2565	10.10	49.17	61.54	12.37	37.04	51.54	14.50
3	0.3414	10.10	43.80	59.17	15.37	30.02	49.17	19.15
4	0.8545	10.10	39.64	56.00	16.36	23.84	46.00	22.16
5	2.8642	10.10	35.01	56.00	20.99	19.87	46.00	26.13
6	23.3304	10.11	28.74	60.00	31.26	20.55	50.00	29.45



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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	0.1575	10.10	43.12	65.60	22.48	14.88	55.60	40.72
2	0.1594	10.10	43.01	65.49	22.48	14.83	55.49	40.66
3	0.2691	10.10	30.70	61.15	30.45	8.60	51.15	42.55
4	0.4315	10.10	16.52	57.22	40.70	4.03	47.22	43.19
5	0.8848	10.10	35.70	56.00	20.30	21.14	46.00	24.86
6	18.5949	10.11	31.50	60.00	28.50	20.40	50.00	29.60

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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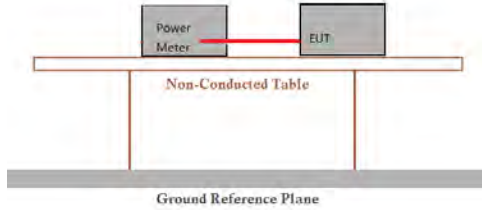
### 4.3 Duty Cycle

The detailed test data see: **Appendix**



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#### 4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10 :2013	
Test Setup:		
Test Instruments:	Refer to section 6 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	<p>Through Pre-scan, find the  6Mbps of rate is the worst case of 802.11a;  MCS0 of rate is the worst case of 802.11n(HT20) ;  MCS0 of rate is the worst case of 802.11n(HT40);  MCS0 of rate is the worst case of 802.11ac(VHT20).  MCS0 of rate is the worst case of 802.11ac(VHT40).  MCS0 of rate is the worst case of 802.11ac(VHT80).  Only the worst case is recorded in the report.</p>	
Limit:	Frequency Band	Limit
	5150-5250MHz	Not exceed 250mW(24dBm)
	5250-5350MHz	The lesser of 250mW(24dBm) or 11+ 10logB
	5470-5725MHz	The lesser of 250mW(24dBm) or 11+ 10logB
	5725-5850MHz	Not exceed 1W(30dBm)
	*Where B is the 26dB emission bandwidth in MHz	
Test Results:	Pass	

The detailed test data see: **Appendix**



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### 4.5 26dB Emission Bandwidth

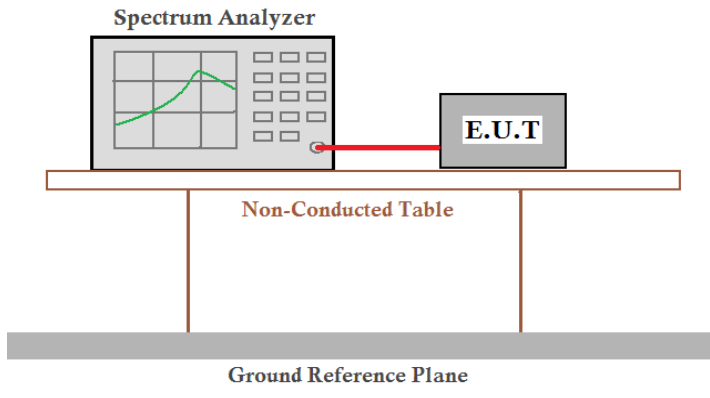
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

The detailed test data see: **Appendix**



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#### 4.6 6dB Emission Bandwidth

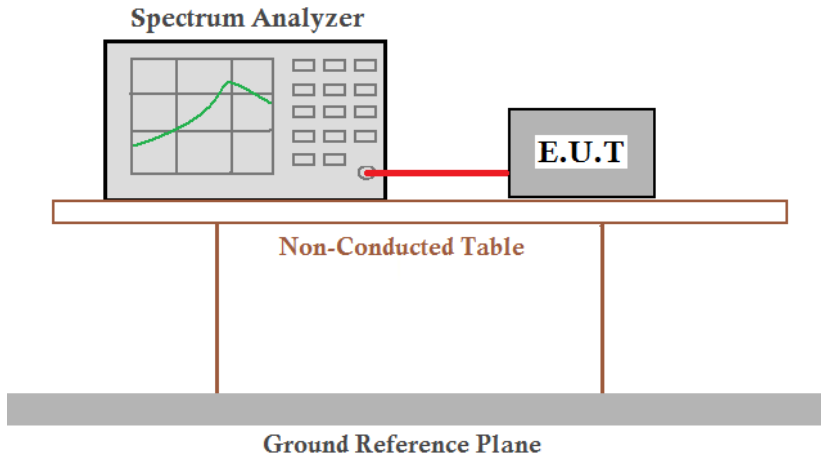
Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 6 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5725-5850MHz	At least 500kHz
Test Results:	Pass	

The detailed test data see: **Appendix**



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### 4.7 99% Occupied Bandwidth

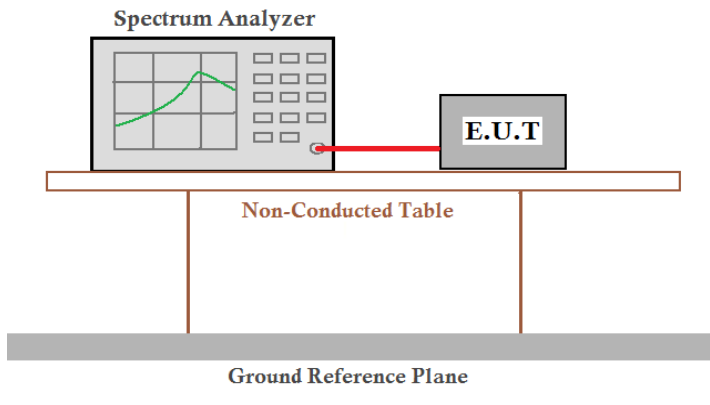
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

The detailed test data see: **Appendix**



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### 4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013 KDB 789033 D02 v02r01, Section F.	
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 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	

The detailed test data see: **Appendix**



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### 4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)
Test Setup:	

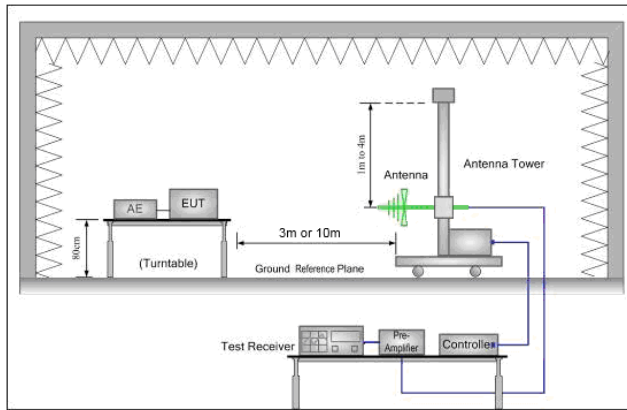


Figure 1. 30MHz to 1GHz

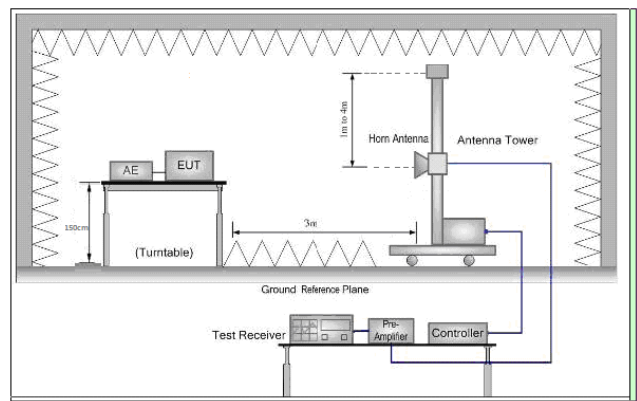


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> <li>For below 1GHz test, 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 test, 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>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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>Test the EUT in the outermost channels.</li> <li>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.</li> <li>Repeat above procedures until all frequencies measured was complete.</li> </ol>
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Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
------------------------	--

Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz
---------------------	---



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	<ul style="list-style-type: none"> <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>• VBW ≥ 3 MHz</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>• VBW ≥ 1/T, 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>
Final Test Mode:	<p>Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a;  MCS0 of rate is the worst case of 802.11n(HT20) ;  MCS0 of rate is the worst case of 802.11n(HT40);  MCS0 of rate is the worst case of 802.11ac(VHT20).  MCS0 of rate is the worst case of 802.11ac(VHT40).  MCS0 of rate is the worst case of 802.11ac(VHT80).  For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case.  Only the worst case is recorded in the report.</p>
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

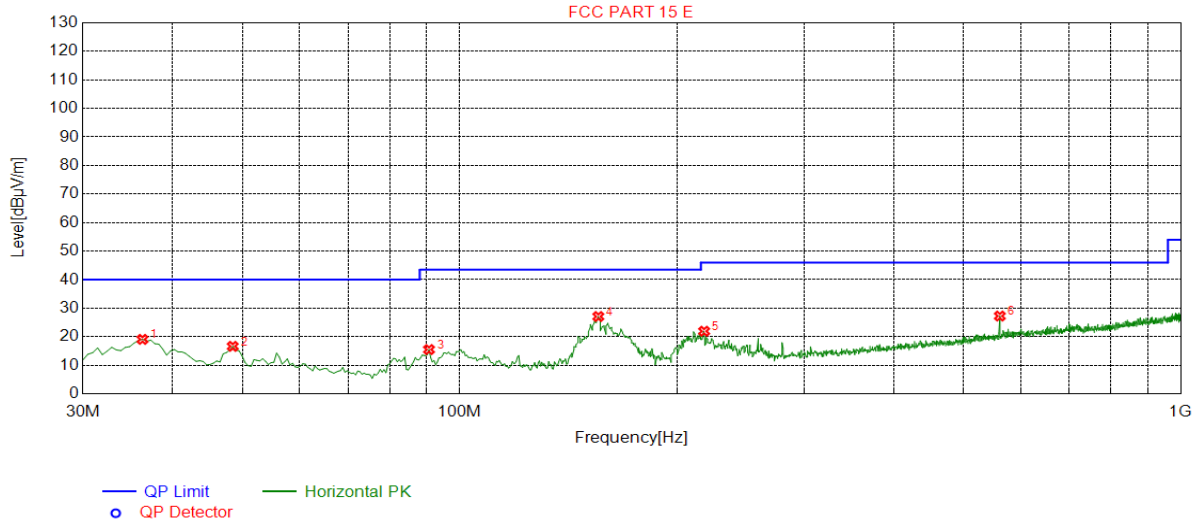


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### 4.9.1 Radiated emission below 1GHz

#### 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	19.10	-29.54	40.00	20.90	202	262	Horizontal
2	48.4392	16.66	-30.38	40.00	23.34	166	250	Horizontal
3	90.6553	15.53	-33.60	43.50	27.97	202	292	Horizontal
4	155.677	27.10	-34.82	43.50	16.40	175	210	Horizontal
5	218.274	21.95	-30.76	46.00	24.05	191	56	Horizontal
6	561.340	27.27	-21.72	46.00	18.73	107	41	Horizontal

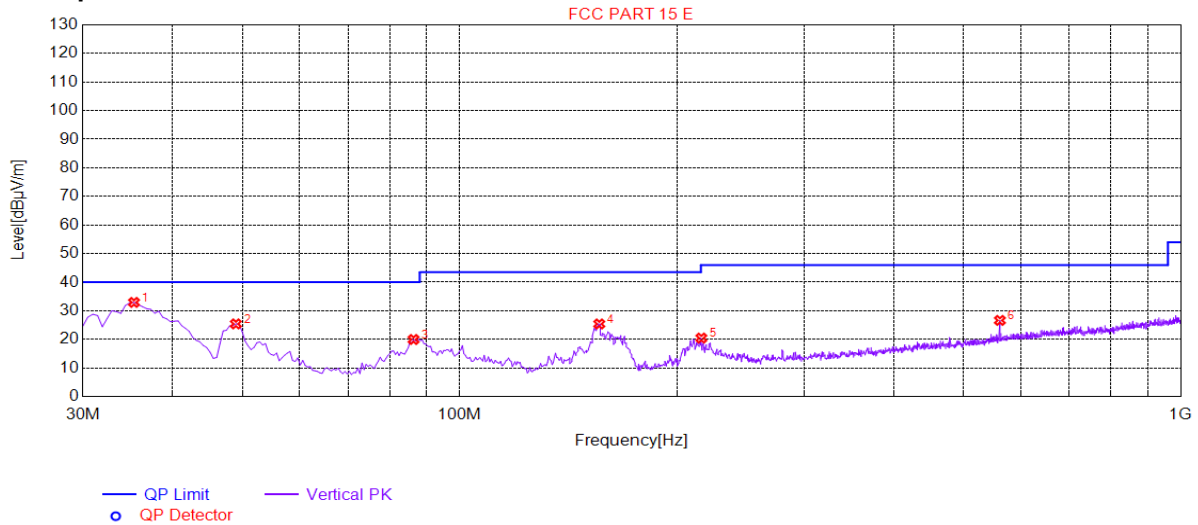
#### Final Data List



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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	35.3377	32.95	-29.85	40.00	7.05	284	14	Vertical
2	48.9245	25.43	-30.38	40.00	14.57	280	332	Vertical
3	86.2881	19.98	-34.62	40.00	20.02	191	257	Vertical
4	156.163	25.41	-34.80	43.50	18.09	281	190	Vertical
5	216.333	20.48	-30.81	46.00	25.52	153	316	Vertical
6	561.340	26.66	-21.72	46.00	19.34	281	148	Vertical

### Final Data List



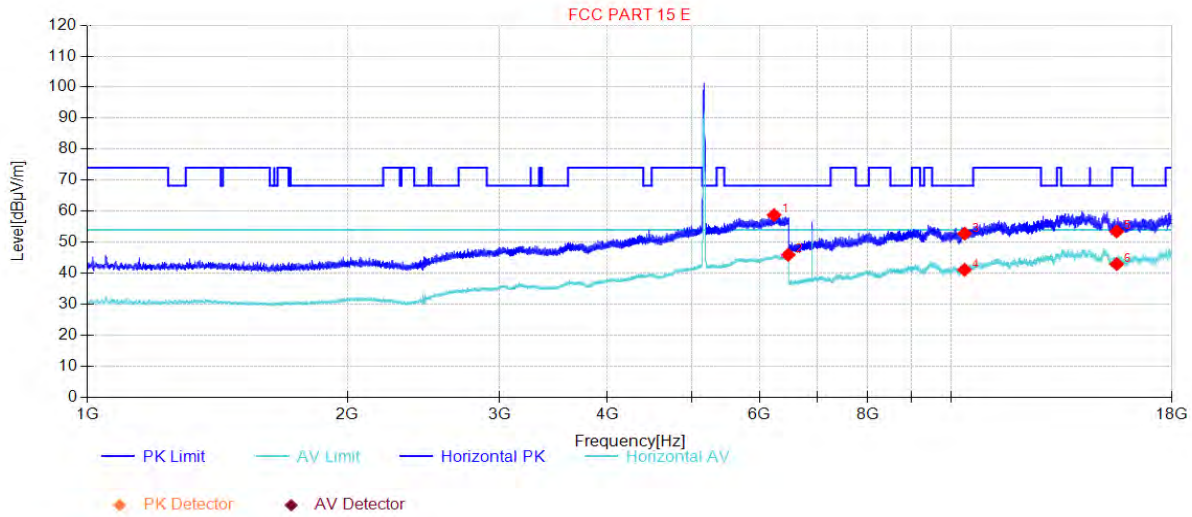
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**4.9.2 Transmitter emission above 1GHz**

**4.9.2.1 802.11A\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6234.51	58.75	18.17	68.20	9.45	145	165	Horizontal
2	6474.33	45.92	18.57	54.00	8.08	162	300	Horizontal
3	10360.0	52.76	2.38	68.20	15.44	178	205	Horizontal
4	10360.0	41.09	2.38	54.00	12.91	165	109	Horizontal
5	15540.0	53.47	5.88	74.00	20.53	188	138	Horizontal
6	15540.0	42.89	5.88	54.00	11.11	189	24	Horizontal

**Final Data List**

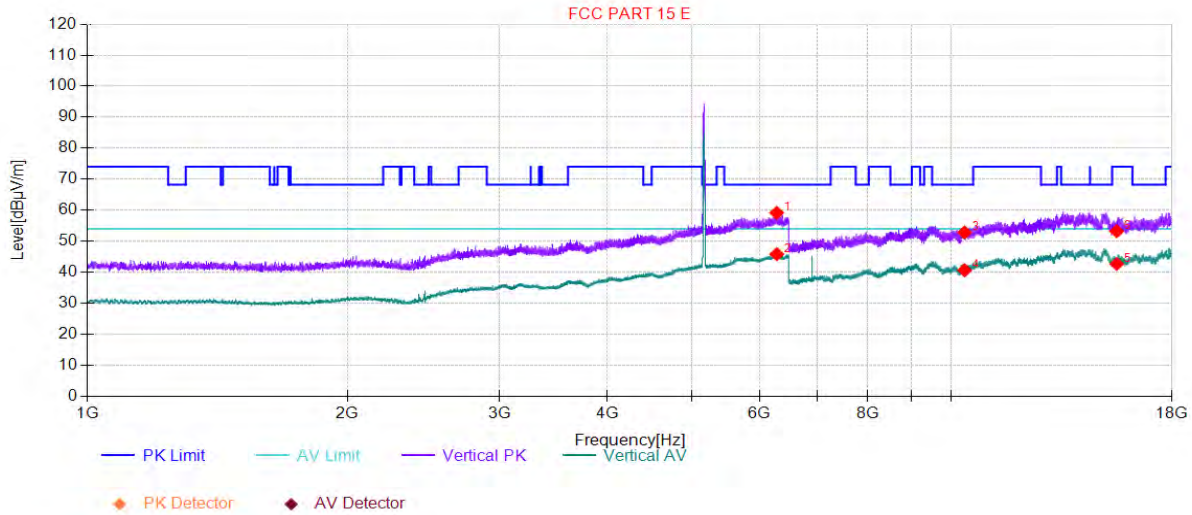


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**4.9.2.2 802.11A\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6279.98	59.13	18.39	68.20	9.07	256	106	Vertical
2	6279.98	45.81	18.39	54.00	8.19	248	139	Vertical
3	10360.0	52.81	2.38	68.20	15.39	278	328	Vertical
4	10360.0	40.60	2.38	54.00	13.40	298	33	Vertical
5	15540.0	42.64	5.88	54.00	11.36	311	23	Vertical
6	15540.0	53.19	5.88	74.00	20.81	222	281	Vertical

**Final Data List**

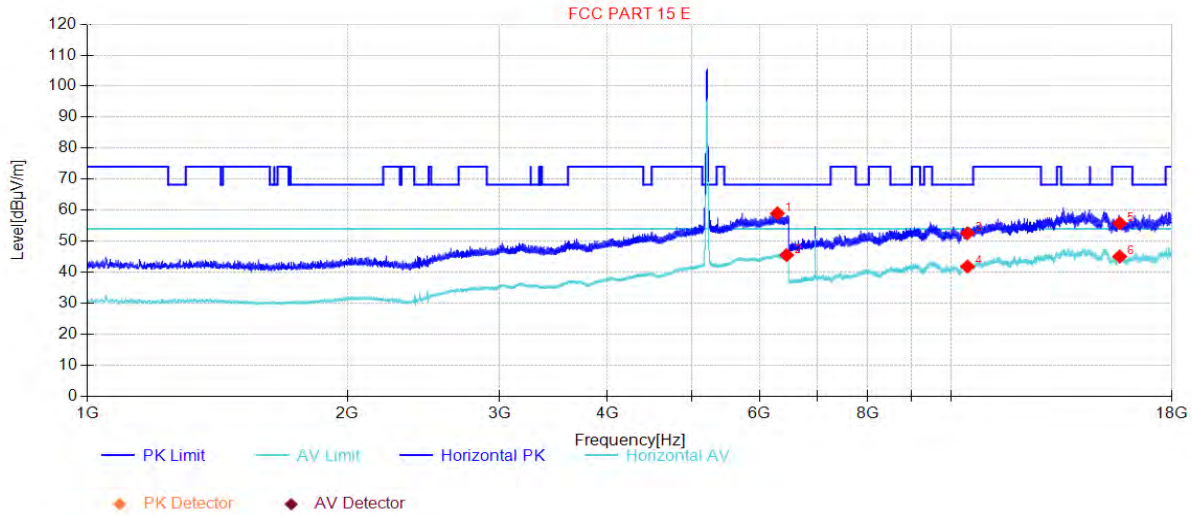


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**4.9.2.3 802.11A\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6289.51	58.96	18.43	68.20	9.24	154	112	Horizontal
2	6445.72	45.50	18.41	54.00	8.50	165	57	Horizontal
3	10440.0	52.53	2.46	68.20	15.67	178	300	Horizontal
4	10440.0	41.83	2.46	54.00	12.17	189	52	Horizontal
5	15660.0	55.79	6.12	74.00	18.21	145	338	Horizontal
6	15660.0	45.03	6.12	54.00	8.97	121	129	Horizontal

**Final Data List**

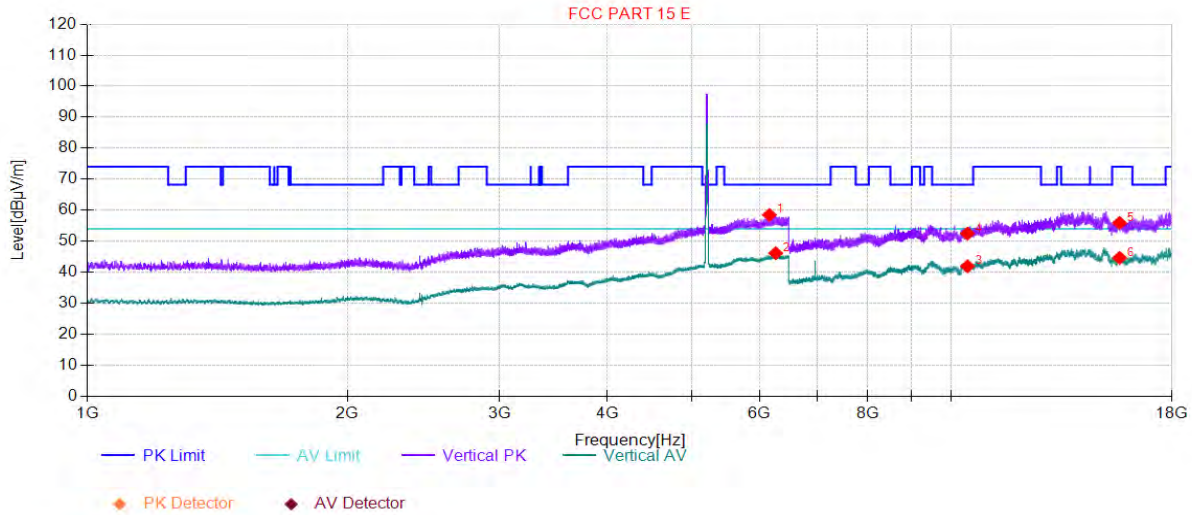


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**4.9.2.4 802.11A\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6157.51	58.47	17.90	68.20	9.73	245	268	Vertical
2	6263.11	46.10	18.31	54.00	7.90	235	50	Vertical
3	10440.0	41.89	2.46	54.00	12.11	287	214	Vertical
4	10440.0	52.42	2.46	68.20	15.78	241	37	Vertical
5	15660.0	55.86	6.12	74.00	18.14	278	119	Vertical
6	15660.0	44.62	6.12	54.00	9.38	281	37	Vertical

**Final Data List**

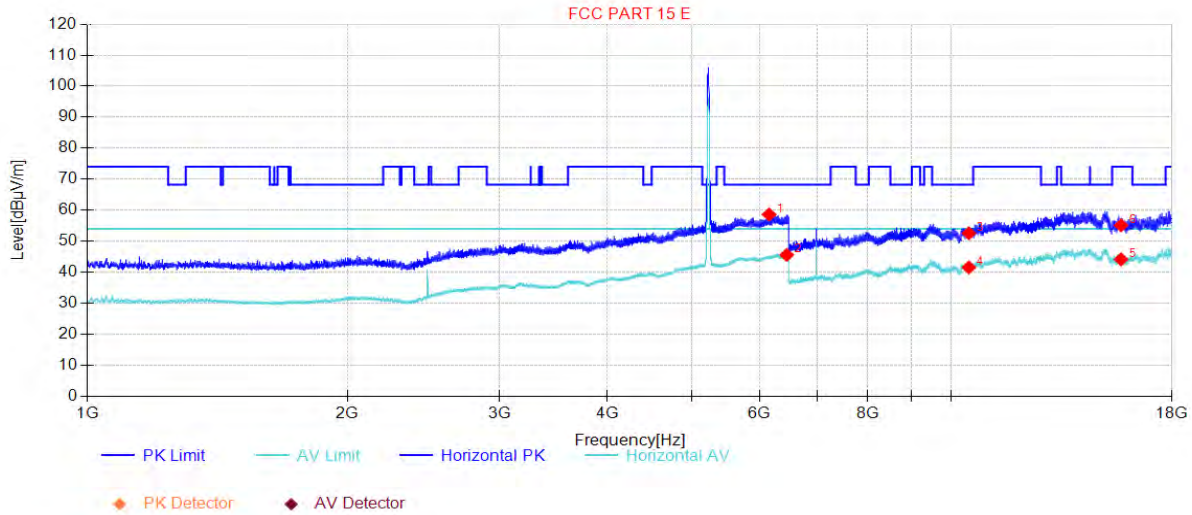


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**4.9.2.5 802.11A\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6154.21	58.60	17.90	68.20	9.60	154	36	Horizontal
2	6448.66	45.57	18.43	54.00	8.43	165	142	Horizontal
3	10480.0	52.54	2.49	68.20	15.66	165	246	Horizontal
4	10480.0	41.52	2.49	54.00	12.48	187	9	Horizontal
5	15720.0	44.11	5.92	54.00	9.89	132	208	Horizontal
6	15720.0	55.11	5.92	74.00	18.89	178	261	Horizontal

**Final Data List**

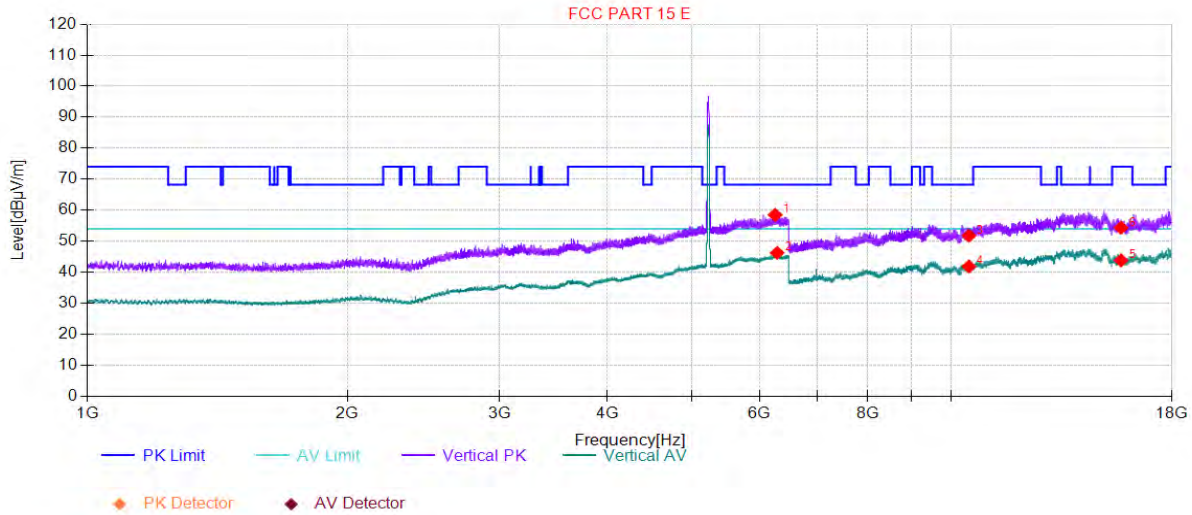


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**4.9.2.6 802.11A\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6253.58	58.48	18.26	68.20	9.72	241	360	Vertical
2	6285.85	46.21	18.42	54.00	7.79	265	317	Vertical
3	10480.0	51.77	2.49	68.20	16.43	278	2	Vertical
4	10480.0	41.82	2.49	54.00	12.18	241	280	Vertical
5	15720.0	43.80	5.92	54.00	10.20	262	170	Vertical
6	15720.0	54.32	5.92	74.00	19.68	289	290	Vertical

**Final Data List**



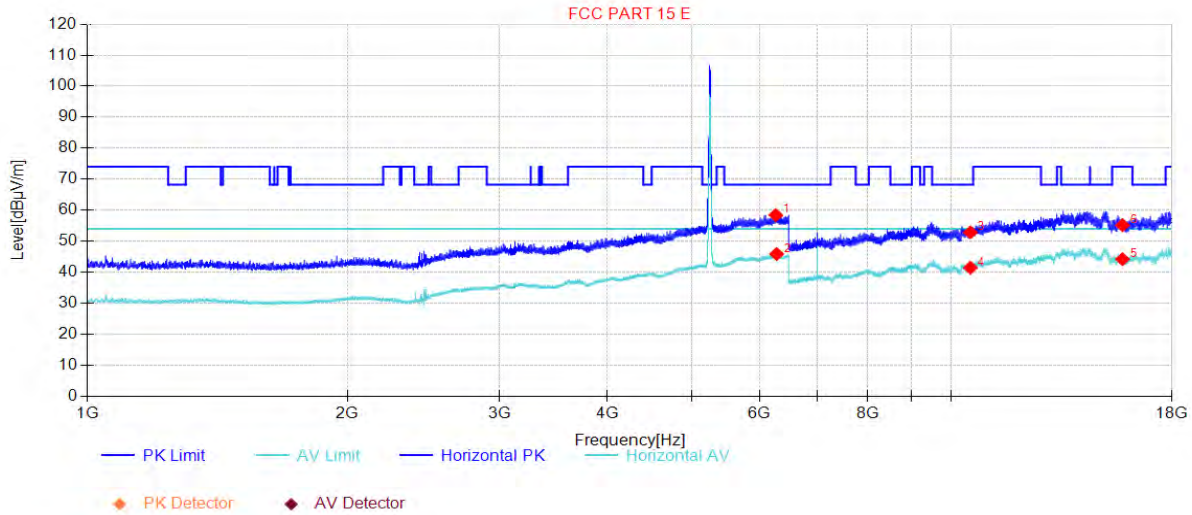
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**4.9.2.7 802.11A\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6264.21	58.42	18.31	68.20	9.78	154	329	Horizontal
2	6277.41	45.85	18.38	54.00	8.15	165	206	Horizontal
3	10520.0	52.83	2.45	68.20	15.37	178	357	Horizontal
4	10520.0	41.43	2.45	54.00	12.57	152	99	Horizontal
5	15780.0	44.18	5.30	54.00	9.82	178	108	Horizontal
6	15780.0	55.15	5.30	74.00	18.85	163	61	Horizontal

**Final Data List**



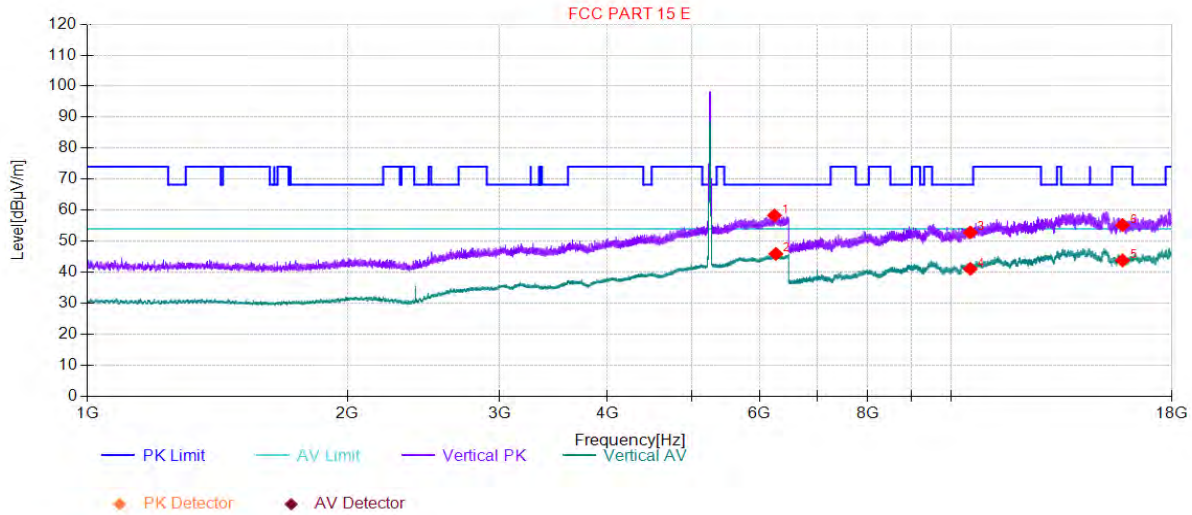
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**4.9.2.8 802.11A\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6241.48	58.30	18.20	68.20	9.90	247	309	Vertical
2	6264.95	45.90	18.32	54.00	8.10	263	254	Vertical
3	10520.0	52.79	2.45	68.20	15.41	287	3	Vertical
4	10520.0	41.07	2.45	54.00	12.93	263	214	Vertical
5	15780.0	43.80	5.30	54.00	10.20	278	156	Vertical
6	15780.0	55.19	5.30	74.00	18.81	241	195	Vertical

**Final Data List**

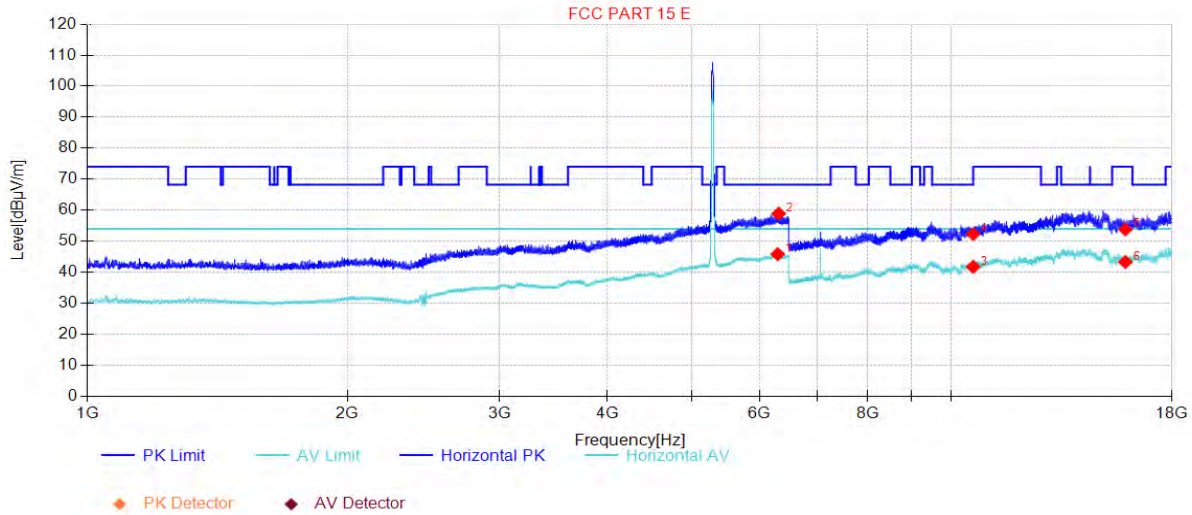


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**4.9.2.9 802.11A\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6296.48	45.82	18.47	54.00	8.18	188	171	Horizontal
2	6311.52	58.89	18.45	68.20	9.31	176	259	Horizontal
3	10600.0	41.73	2.23	54.00	12.27	154	339	Horizontal
4	10600.0	52.27	2.23	74.00	21.73	141	102	Horizontal
5	15900.0	53.79	5.29	74.00	20.21	123	196	Horizontal
6	15900.0	43.28	5.29	54.00	10.72	177	178	Horizontal

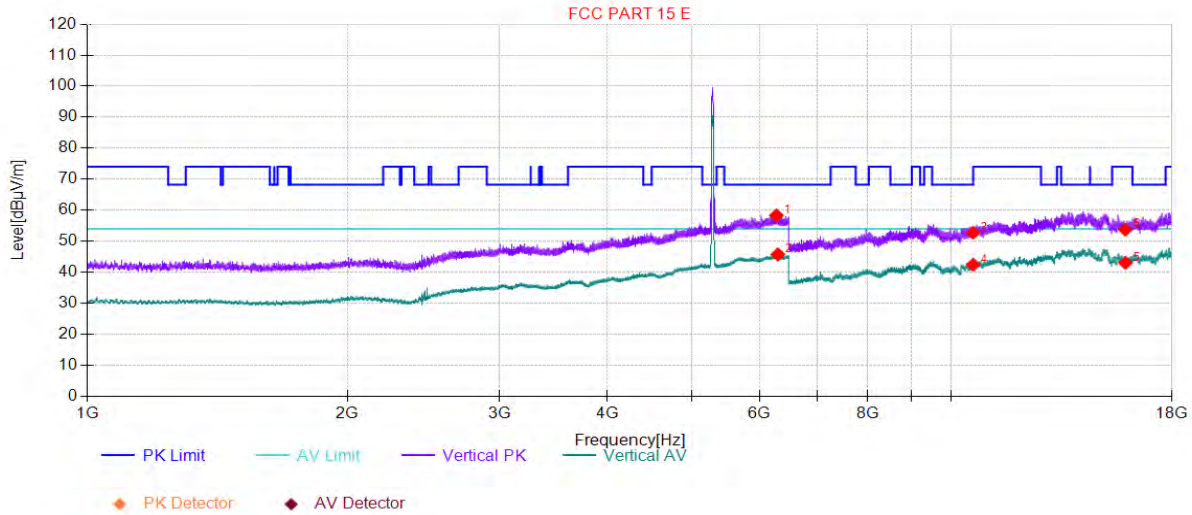
**Final Data List**



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**4.9.2.10 802.11A\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6273.75	58.30	18.36	68.20	9.90	241	151	Vertical
2	6299.42	45.71	18.48	54.00	8.29	264	151	Vertical
3	10600.0	52.70	2.23	74.00	21.30	278	224	Vertical
4	10600.0	42.39	2.23	54.00	11.61	265	108	Vertical
5	15900.0	43.01	5.29	54.00	10.99	274	290	Vertical
6	15900.0	53.72	5.29	74.00	20.28	241	233	Vertical

**Final Data List**

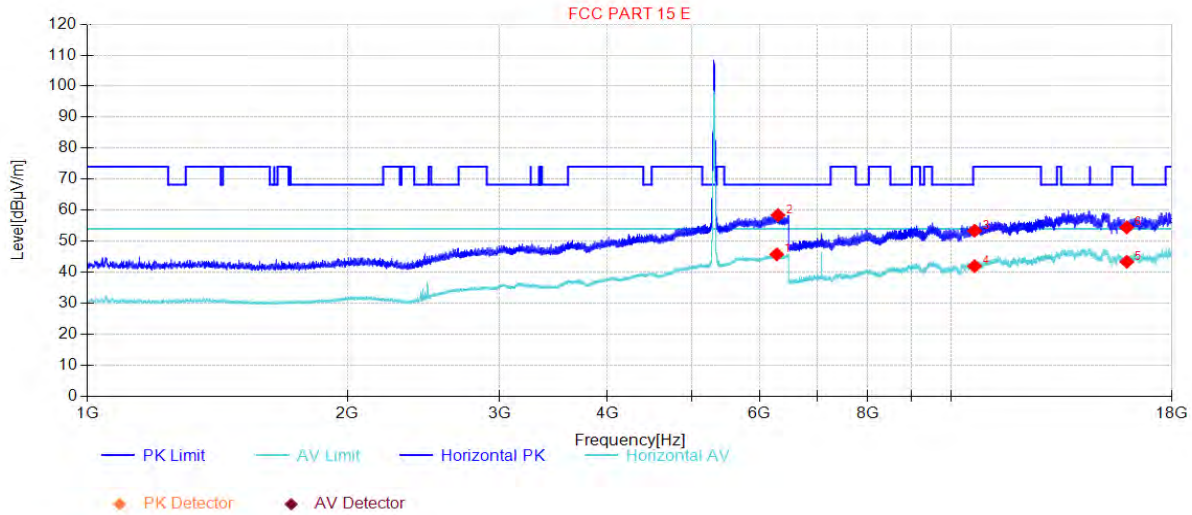


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**4.9.2.11 802.11A\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6279.25	45.74	18.38	54.00	8.26	154	9	Horizontal
2	6300.52	58.40	18.48	68.20	9.80	135	326	Horizontal
3	10640.0	53.35	2.22	74.00	20.65	217	14	Horizontal
4	10640.0	41.93	2.22	54.00	12.07	174	157	Horizontal
5	15960.0	43.36	5.01	54.00	10.64	165	128	Horizontal
6	15960.0	54.42	5.01	74.00	19.58	187	24	Horizontal

**Final Data List**

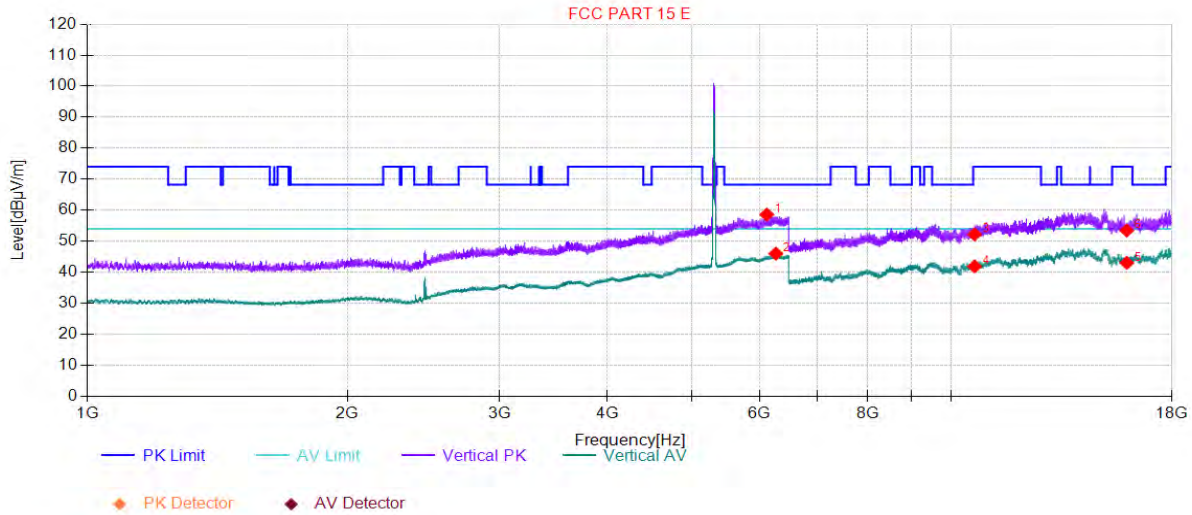


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**4.9.2.12 802.11A\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6114.60	58.56	17.81	68.20	9.64	235	44	Vertical
2	6264.95	45.97	18.32	54.00	8.03	287	153	Vertical
3	10640.0	52.18	2.22	74.00	21.82	241	162	Vertical
4	10640.0	41.84	2.22	54.00	12.16	278	105	Vertical
5	15960.0	43.00	5.01	54.00	11.00	287	220	Vertical
6	15960.0	53.44	5.01	74.00	20.56	241	229	Vertical

**Final Data List**

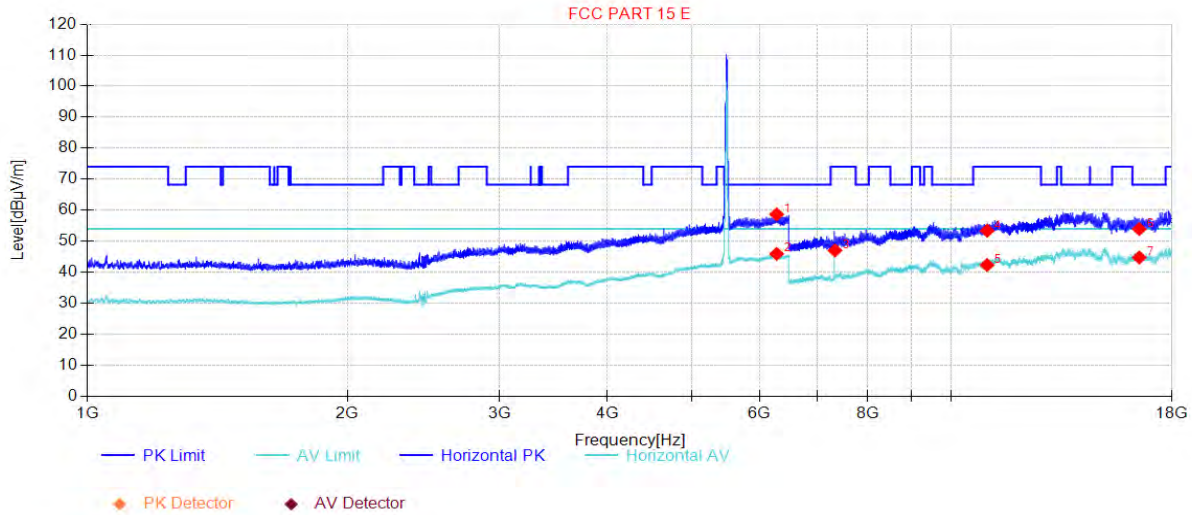


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**4.9.2.13 802.11A\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6278.15	58.64	18.38	68.20	9.56	132	124	Horizontal
2	6278.15	45.89	18.38	54.00	8.11	100	22	Horizontal
3	7333.55	47.02	-2.91	54.00	6.98	178	26	Horizontal
4	11000.0	53.37	2.74	74.00	20.63	154	252	Horizontal
5	11000.0	42.31	2.74	54.00	11.69	178	338	Horizontal
6	16500.0	53.91	5.09	68.20	14.29	154	271	Horizontal
7	16500.0	44.73	5.09	54.00	9.27	156	300	Horizontal

**Final Data List**

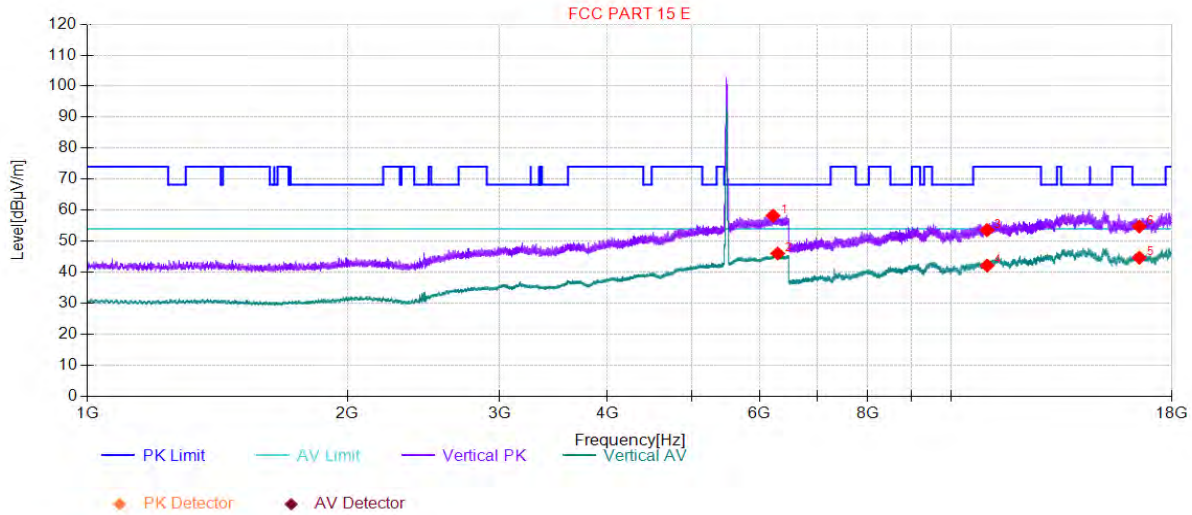


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**4.9.2.14 802.11A\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6218.01	58.20	18.09	68.20	10.00	245	354	Vertical
2	6295.75	46.02	18.46	54.00	7.98	301	205	Vertical
3	11000.0	53.55	2.74	74.00	20.45	278	24	Vertical
4	11000.0	42.14	2.74	54.00	11.86	291	281	Vertical
5	16500.0	44.67	5.09	54.00	9.33	256	195	Vertical
6	16500.0	54.71	5.09	68.20	13.49	263	148	Vertical

**Final Data List**



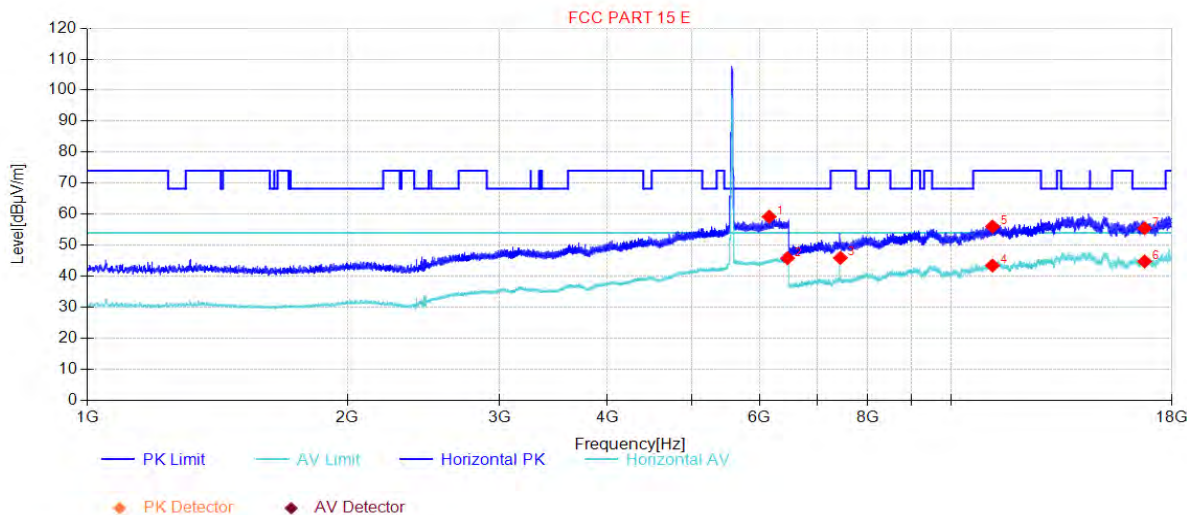
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### 4.9.2.15 802.11A\_Channel 116

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6153.84	59.18	17.90	68.20	9.02	135	261	Horizontal
2	6460.03	45.81	18.49	54.00	8.19	154	258	Horizontal
3	7440.27	45.91	-2.54	54.00	8.09	178	273	Horizontal
4	11160.0	43.42	2.54	54.00	10.58	178	348	Horizontal
5	11160.0	55.98	2.54	74.00	18.02	161	138	Horizontal
6	16740.0	44.75	5.53	54.00	9.25	120	148	Horizontal
7	16740.0	55.43	5.53	68.20	12.77	200	110	Horizontal

#### Final Data List

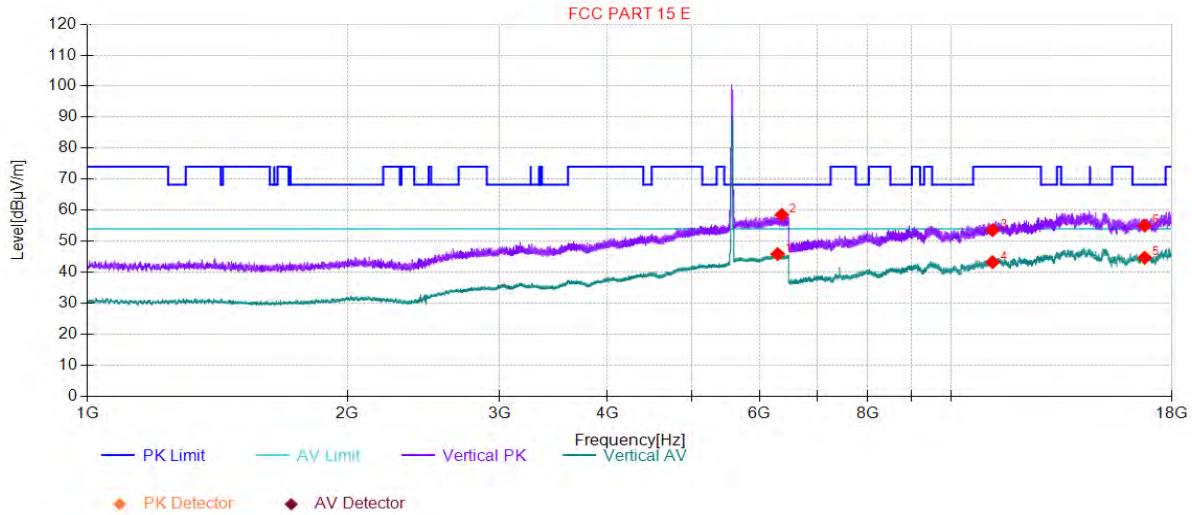


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**4.9.2.16 802.11A\_Channel 116**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6296.11	45.82	18.47	54.00	8.18	241	301	Vertical
2	6366.15	58.49	18.27	68.20	9.71	211	260	Vertical
3	11160.0	53.54	2.54	74.00	20.46	232	42	Vertical
4	11160.0	43.22	2.54	54.00	10.78	278	320	Vertical
5	16740.0	44.64	5.53	54.00	9.36	298	234	Vertical
6	16740.0	55.01	5.53	68.20	13.19	261	357	Vertical

**Final Data List**

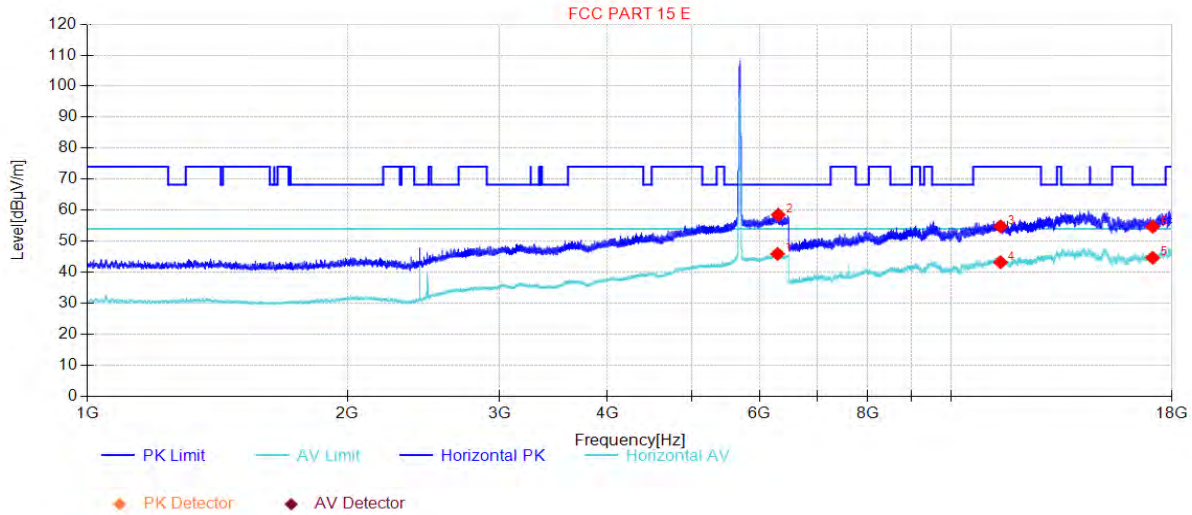


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### 4.9.2.17 802.11A\_Channel 140

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6292.81	45.90	18.45	54.00	8.10	154	248	Horizontal
2	6305.65	58.53	18.47	68.20	9.67	152	83	Horizontal
3	11400.0	54.77	2.54	74.00	19.23	178	156	Horizontal
4	11400.0	43.20	2.54	54.00	10.80	165	90	Horizontal
5	17100.0	44.65	5.72	54.00	9.35	178	165	Horizontal
6	17100.0	54.63	5.72	68.20	13.57	162	204	Horizontal

#### Final Data List

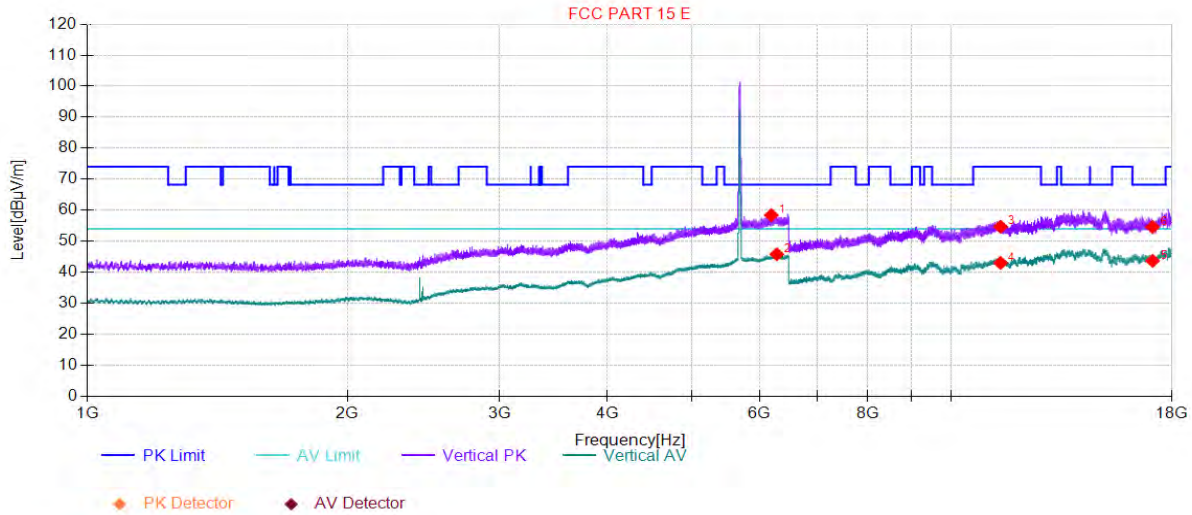


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**4.9.2.18 802.11A\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6189.41	58.37	17.98	68.20	9.83	241	239	Vertical
2	6281.08	45.78	18.39	54.00	8.22	248	334	Vertical
3	11400.0	54.65	2.54	74.00	19.35	263	135	Vertical
4	11400.0	42.97	2.54	54.00	11.03	278	0	Vertical
5	17100.0	43.65	5.72	54.00	10.35	282	318	Vertical
6	17100.0	54.58	5.72	68.20	13.62	271	328	Vertical

**Final Data List**

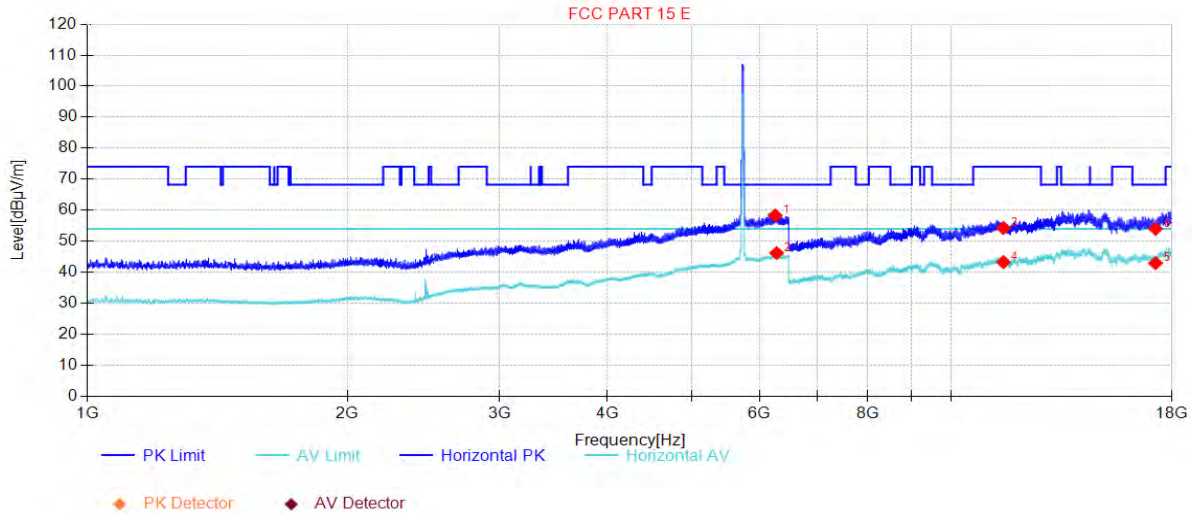


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**4.9.2.19 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6254.31	58.31	18.26	68.20	9.89	120	121	Horizontal
2	6277.78	46.15	18.38	54.00	7.85	178	324	Horizontal
3	11490.0	54.23	2.10	74.00	19.77	160	189	Horizontal
4	11490.0	43.23	2.10	54.00	10.77	174	24	Horizontal
5	17235.0	42.90	6.10	54.00	11.10	154	262	Horizontal
6	17235.0	53.98	6.10	68.20	14.22	162	90	Horizontal

**Final Data List**

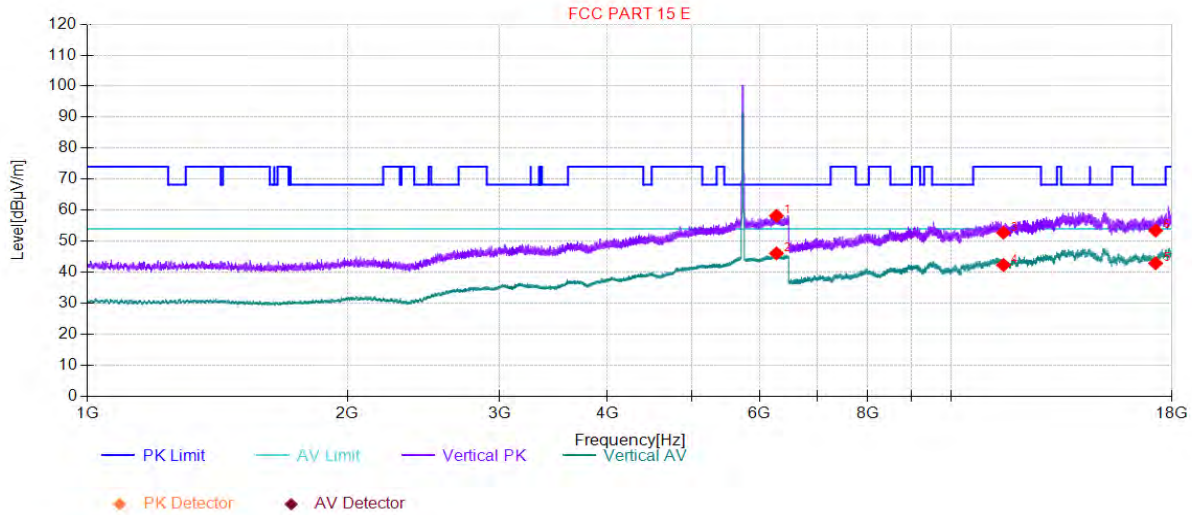


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**4.9.2.20 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6275.58	58.18	18.37	68.20	10.02	261	205	Vertical
2	6276.31	46.05	18.37	54.00	7.95	278	327	Vertical
3	11490.0	52.73	2.10	74.00	21.27	241	178	Vertical
4	11490.0	42.29	2.10	54.00	11.71	258	149	Vertical
5	17235.0	42.87	6.10	54.00	11.13	287	149	Vertical
6	17235.0	53.42	6.10	68.20	14.78	231	318	Vertical

**Final Data List**

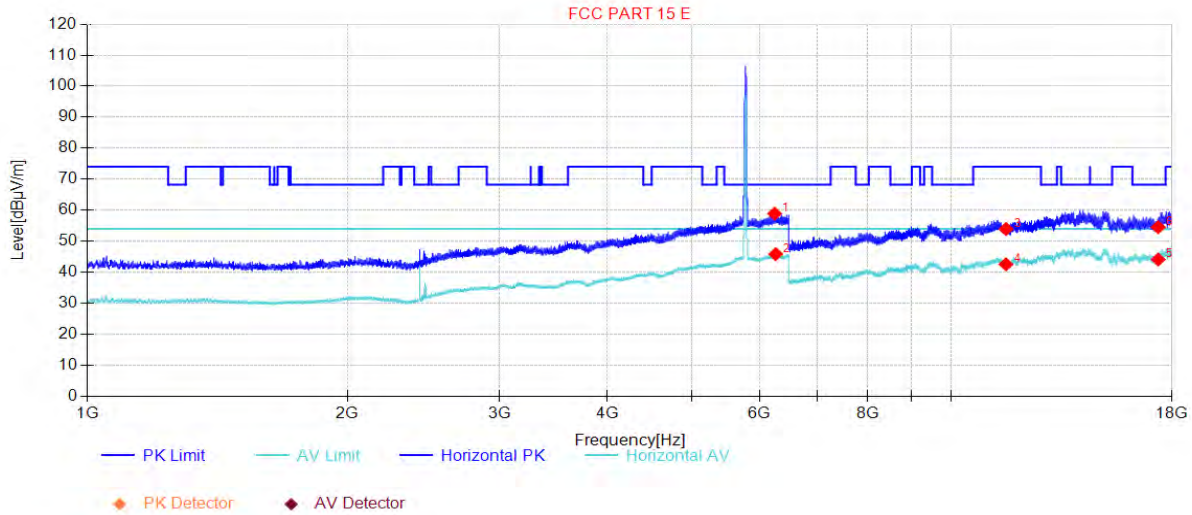


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### 4.9.2.21 802.11A\_Channel 157

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6243.68	58.86	18.21	68.20	9.34	174	159	Horizontal
2	6262.01	45.82	18.30	54.00	8.18	165	104	Horizontal
3	11570.0	53.93	2.92	74.00	20.07	178	357	Horizontal
4	11570.0	42.51	2.92	54.00	11.49	165	33	Horizontal
5	17355.0	44.08	6.75	54.00	9.92	135	320	Horizontal
6	17355.0	54.53	6.75	68.20	13.67	152	148	Horizontal

#### Final Data List

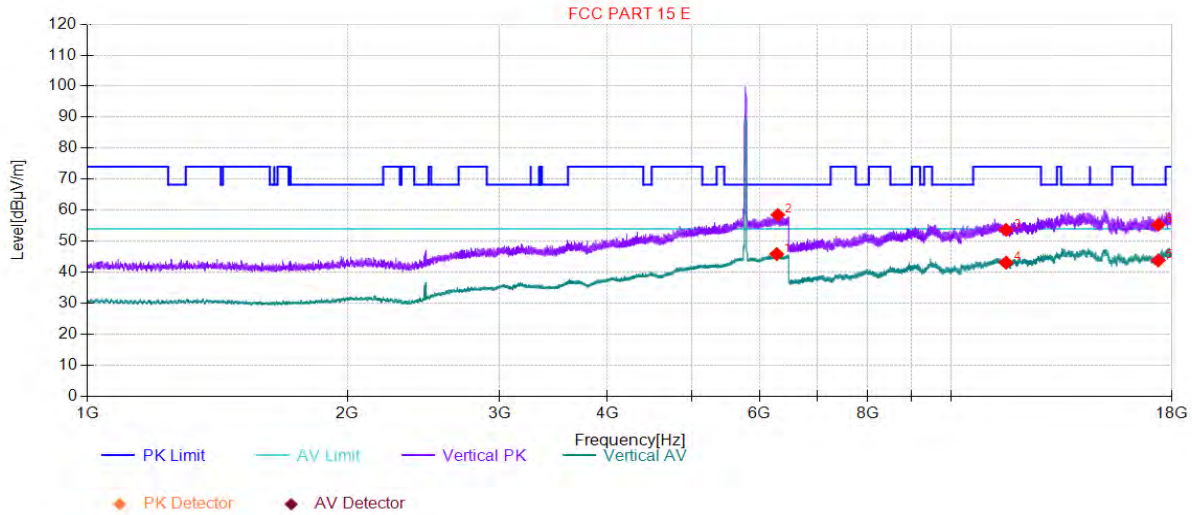


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### 4.9.2.22 802.11A\_Channel 157

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6279.61	45.84	18.39	54.00	8.16	248	159	Vertical
2	6297.95	58.49	18.48	68.20	9.71	264	220	Vertical
3	11570.0	53.63	2.92	74.00	20.37	241	348	Vertical
4	11570.0	43.07	2.92	54.00	10.93	289	252	Vertical
5	17355.0	43.78	6.75	54.00	10.22	263	0	Vertical
6	17355.0	55.29	6.75	68.20	12.91	266	42	Vertical

#### Final Data List



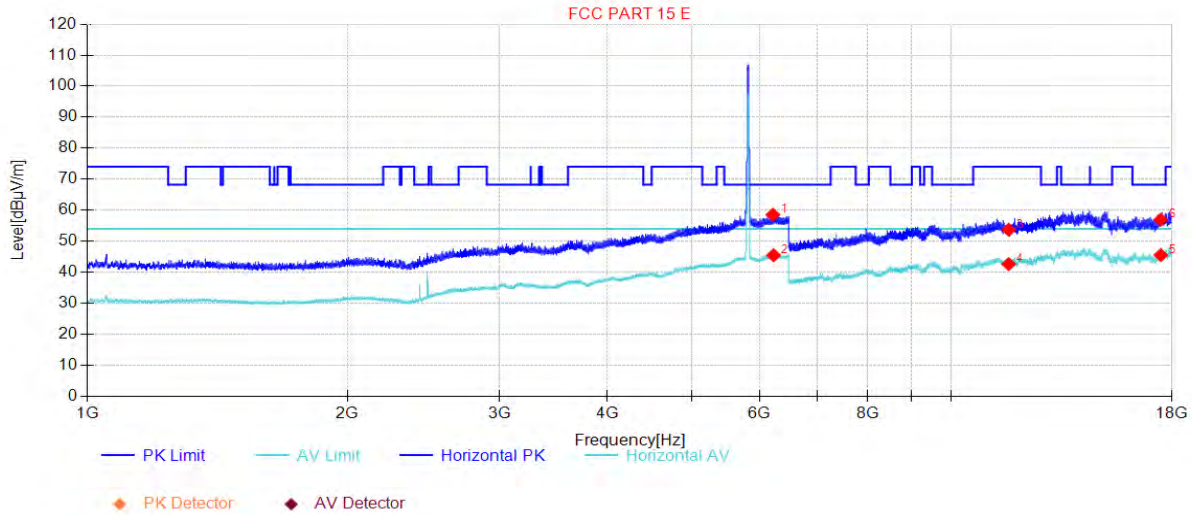
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**4.9.2.23 802.11A\_Channel 165**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6216.54	58.54	18.08	68.20	9.66	168	3	Horizontal
2	6227.54	45.44	18.13	54.00	8.56	152	337	Horizontal
3	11650.0	53.67	2.58	74.00	20.33	210	242	Horizontal
4	11650.0	42.60	2.58	54.00	11.40	178	90	Horizontal
5	17475.0	45.50	7.42	54.00	8.50	115	100	Horizontal
6	17475.0	56.93	7.42	68.20	11.27	136	338	Horizontal

**Final Data List**

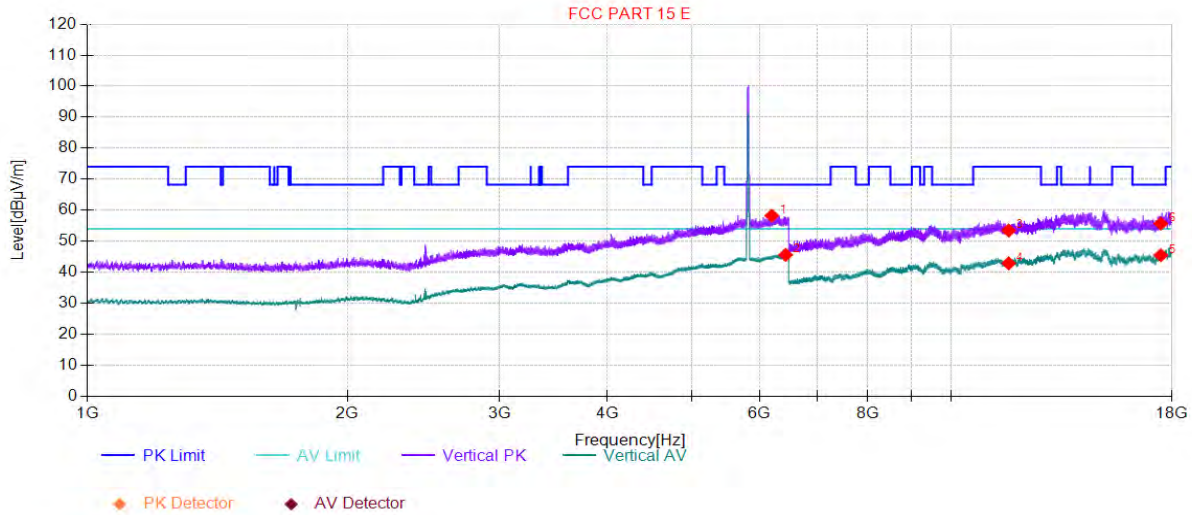


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**4.9.2.24 802.11A\_Channel 165**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6197.47	58.20	17.99	68.20	10.00	248	328	Vertical
2	6429.59	45.57	18.32	54.00	8.43	278	212	Vertical
3	11650.0	53.45	2.58	74.00	20.55	298	118	Vertical
4	11650.0	42.84	2.58	54.00	11.16	264	61	Vertical
5	17475.0	45.45	7.42	54.00	8.55	241	329	Vertical
6	17475.0	55.65	7.42	68.20	12.55	235	109	Vertical

**Final Data List**

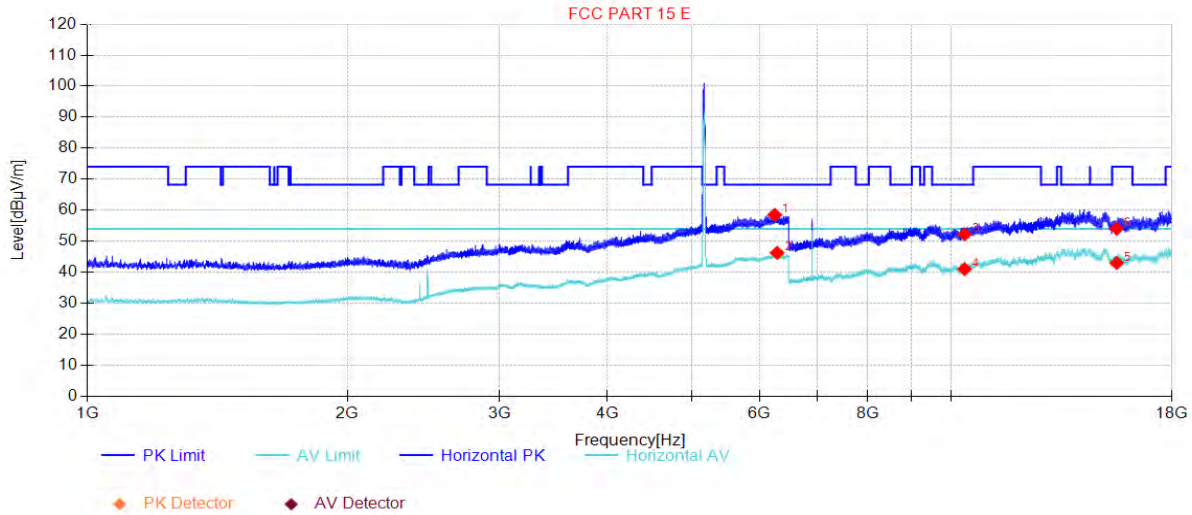


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**4.9.2.25 802.11N20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6245.51	58.48	18.22	68.20	9.72	154	70	Horizontal
2	6285.11	46.23	18.41	54.00	7.77	165	77	Horizontal
3	10360.0	52.22	2.38	68.20	15.98	132	128	Horizontal
4	10360.0	41.00	2.38	54.00	13.00	147	242	Horizontal
5	15540.0	42.96	5.88	54.00	11.04	120	175	Horizontal
6	15540.0	54.02	5.88	74.00	19.98	132	319	Horizontal

**Final Data List**

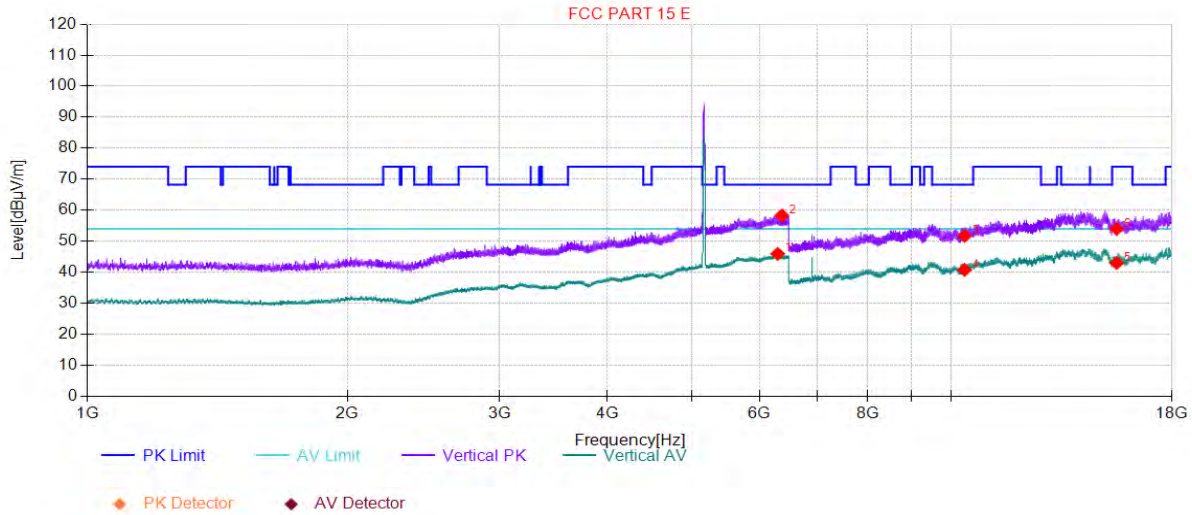


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**4.9.2.26 802.11N20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6296.11	45.89	18.47	54.00	8.11	278	302	Vertical
2	6366.89	58.29	18.27	68.20	9.91	264	3	Vertical
3	10360.0	51.70	2.38	68.20	16.50	241	119	Vertical
4	10360.0	40.72	2.38	54.00	13.28	278	14	Vertical
5	15540.0	42.98	5.88	54.00	11.02	298	42	Vertical
6	15540.0	53.95	5.88	74.00	20.05	241	176	Vertical

**Final Data List**

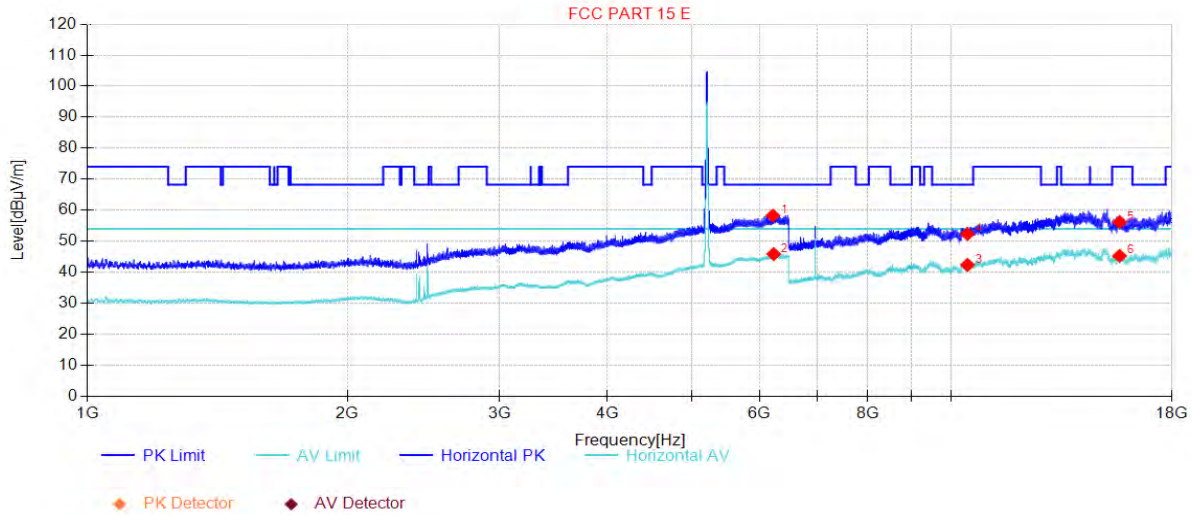


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**4.9.2.27 802.11N20\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6215.08	58.24	18.07	68.20	9.96	165	71	Horizontal
2	6229.38	45.84	18.14	54.00	8.16	132	301	Horizontal
3	10440.0	42.34	2.46	54.00	11.66	122	101	Horizontal
4	10440.0	52.32	2.46	68.20	15.88	178	129	Horizontal
5	15660.0	56.16	6.12	74.00	17.84	156	119	Horizontal
6	15660.0	45.25	6.12	54.00	8.75	178	310	Horizontal

**Final Data List**

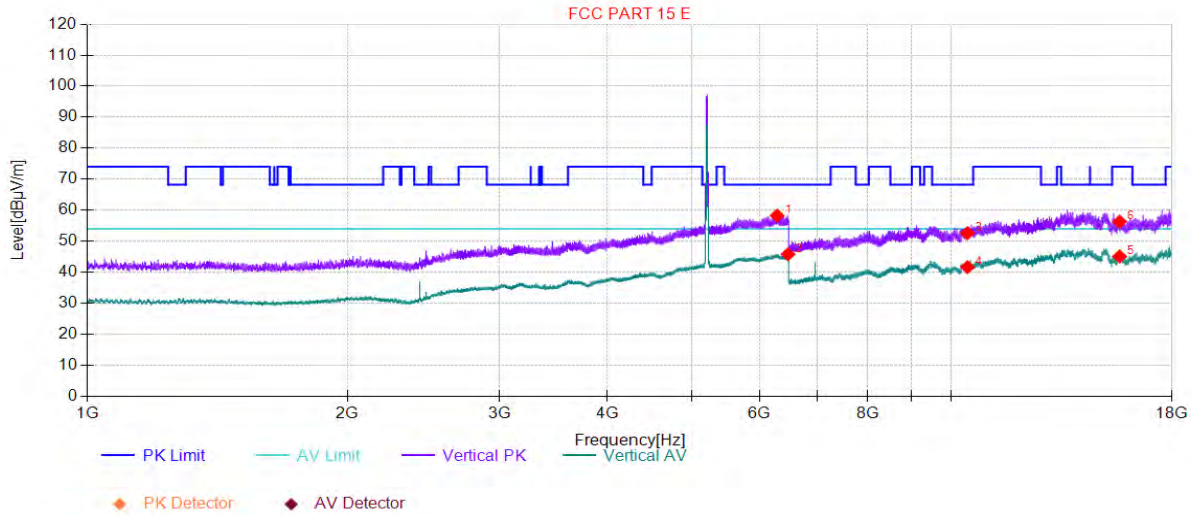


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**4.9.2.28 802.11N20\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6285.85	58.26	18.42	68.20	9.94	252	267	Vertical
2	6470.66	45.77	18.55	54.00	8.23	278	16	Vertical
3	10440.0	52.57	2.46	68.20	15.63	214	225	Vertical
4	10440.0	41.62	2.46	54.00	12.38	235	130	Vertical
5	15660.0	45.06	6.12	54.00	8.94	252	111	Vertical
6	15660.0	56.29	6.12	74.00	17.71	200	291	Vertical

**Final Data List**

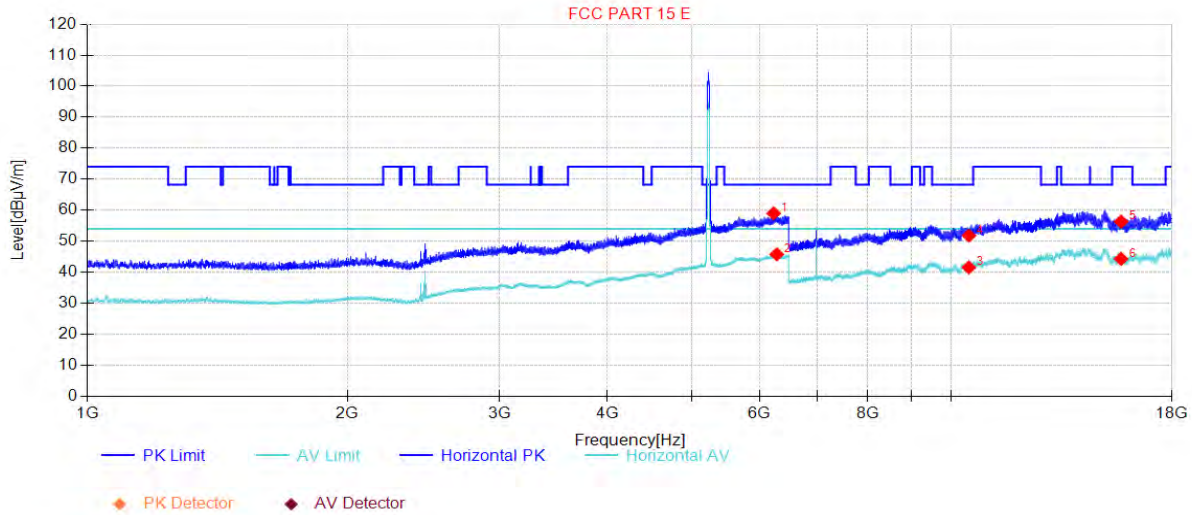


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**4.9.2.29 802.11N20\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6228.28	58.98	18.14	68.20	9.22	135	219	Horizontal
2	6278.51	45.76	18.38	54.00	8.24	162	259	Horizontal
3	10480.0	41.53	2.49	54.00	12.47	178	281	Horizontal
4	10480.0	51.79	2.49	68.20	16.41	174	71	Horizontal
5	15720.0	56.31	5.92	74.00	17.69	165	176	Horizontal
6	15720.0	44.27	5.92	54.00	9.73	178	272	Horizontal

**Final Data List**

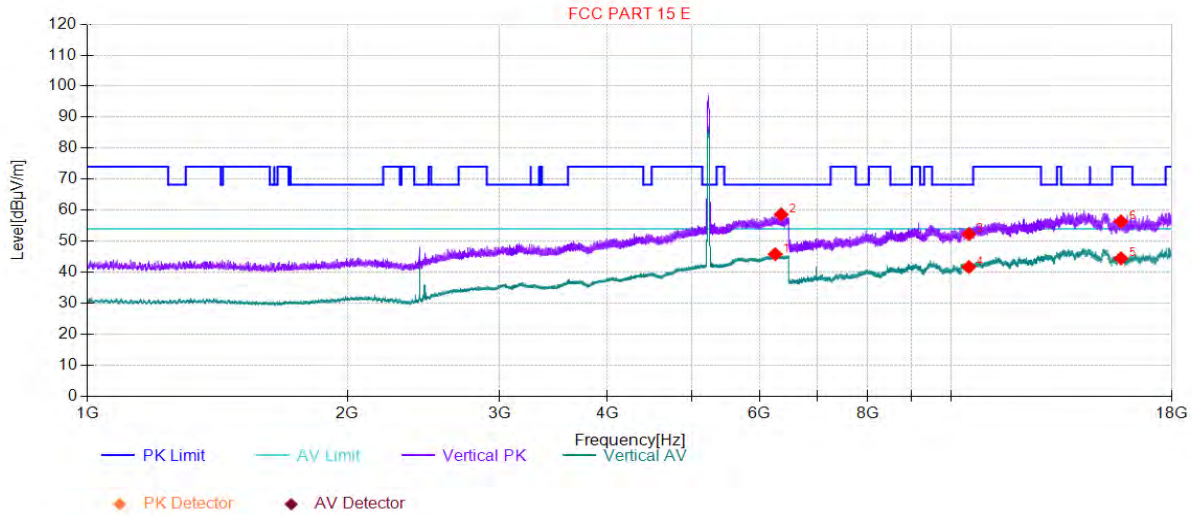


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**4.9.2.30 802.11N20\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6253.95	45.78	18.26	54.00	8.22	243	293	Vertical
2	6354.05	58.61	18.31	68.20	9.59	245	3	Vertical
3	10480.0	52.30	2.49	68.20	15.90	252	51	Vertical
4	10480.0	41.68	2.49	54.00	12.32	261	3	Vertical
5	15720.0	44.44	5.92	54.00	9.56	278	280	Vertical
6	15720.0	56.33	5.92	74.00	17.67	241	51	Vertical

**Final Data List**



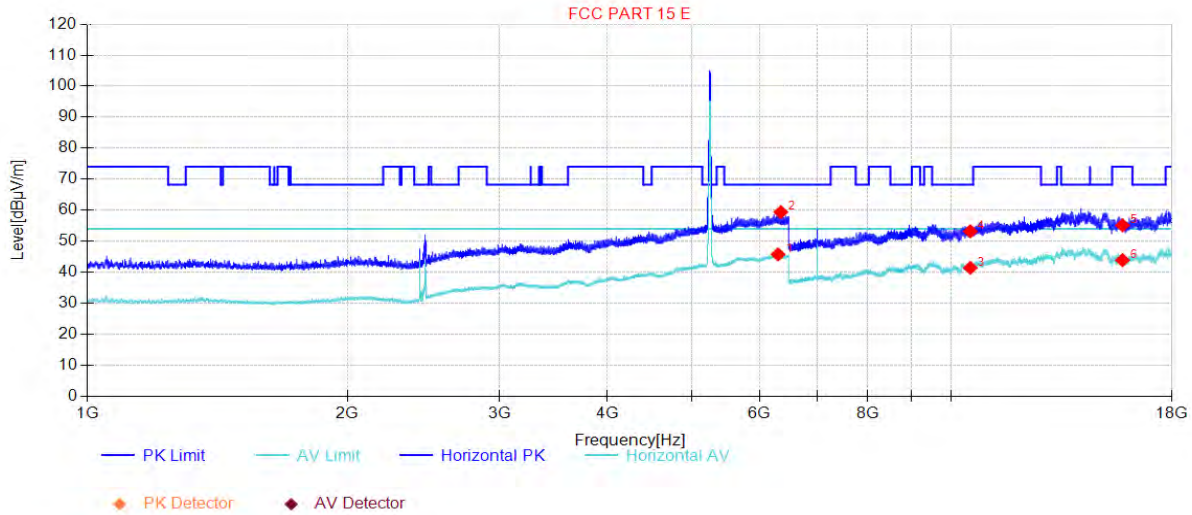
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**4.9.2.31 802.11N20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6301.62	45.74	18.48	54.00	8.26	135	360	Horizontal
2	6348.18	59.36	18.33	68.20	8.84	151	360	Horizontal
3	10520.0	41.40	2.45	54.00	12.60	153	4	Horizontal
4	10520.0	53.17	2.45	68.20	15.03	136	138	Horizontal
5	15780.0	55.10	5.30	74.00	18.90	178	32	Horizontal
6	15780.0	43.87	5.30	54.00	10.13	166	14	Horizontal

**Final Data List**

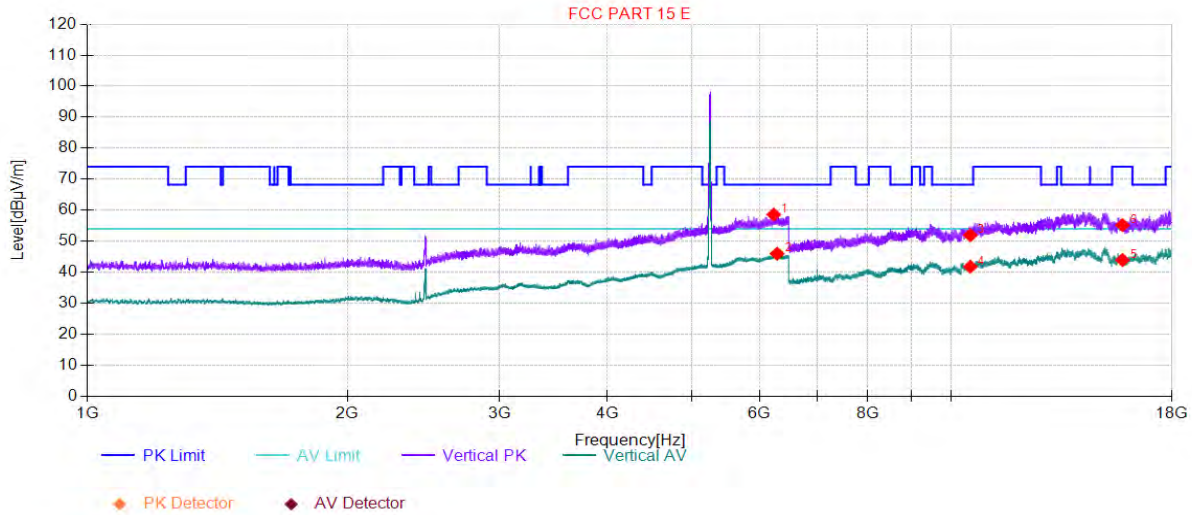


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**4.9.2.32 802.11N20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6229.74	58.59	18.14	68.20	9.61	249	261	Vertical
2	6285.48	45.95	18.41	54.00	8.05	250	261	Vertical
3	10520.0	51.92	2.45	68.20	16.28	263	118	Vertical
4	10520.0	41.76	2.45	54.00	12.24	278	204	Vertical
5	15780.0	43.92	5.30	54.00	10.08	241	166	Vertical
6	15780.0	55.18	5.30	74.00	18.82	296	70	Vertical

**Final Data List**

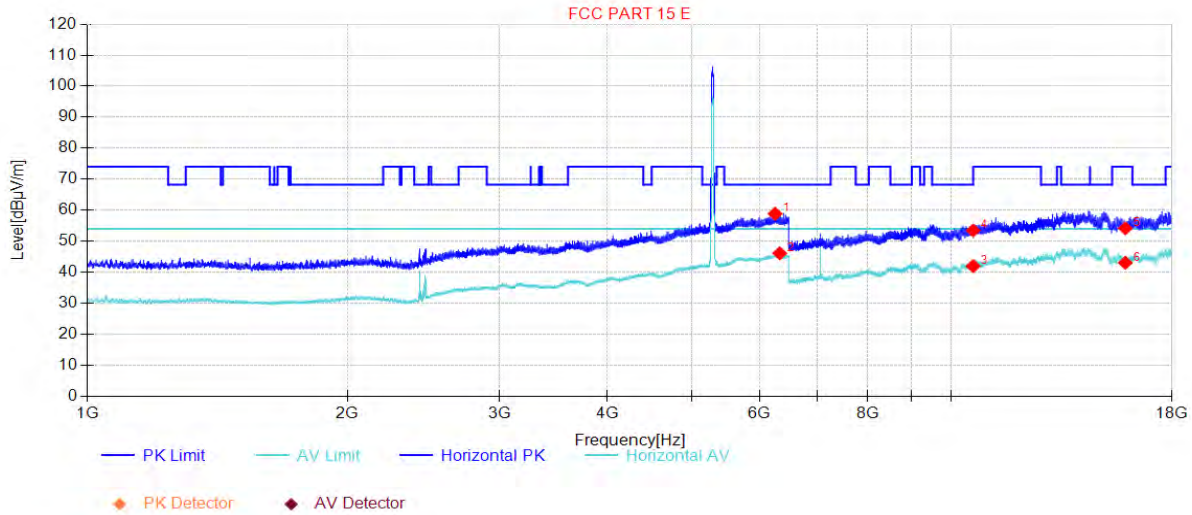


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**4.9.2.33 802.11N20\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6252.11	58.83	18.25	68.20	9.37	152	194	Horizontal
2	6329.85	46.08	18.39	54.00	7.92	132	326	Horizontal
3	10600.0	41.95	2.23	54.00	12.05	187	301	Horizontal
4	10600.0	53.45	2.23	74.00	20.55	165	329	Horizontal
5	15900.0	54.12	5.29	74.00	19.88	178	329	Horizontal
6	15900.0	43.03	5.29	54.00	10.97	165	112	Horizontal

**Final Data List**

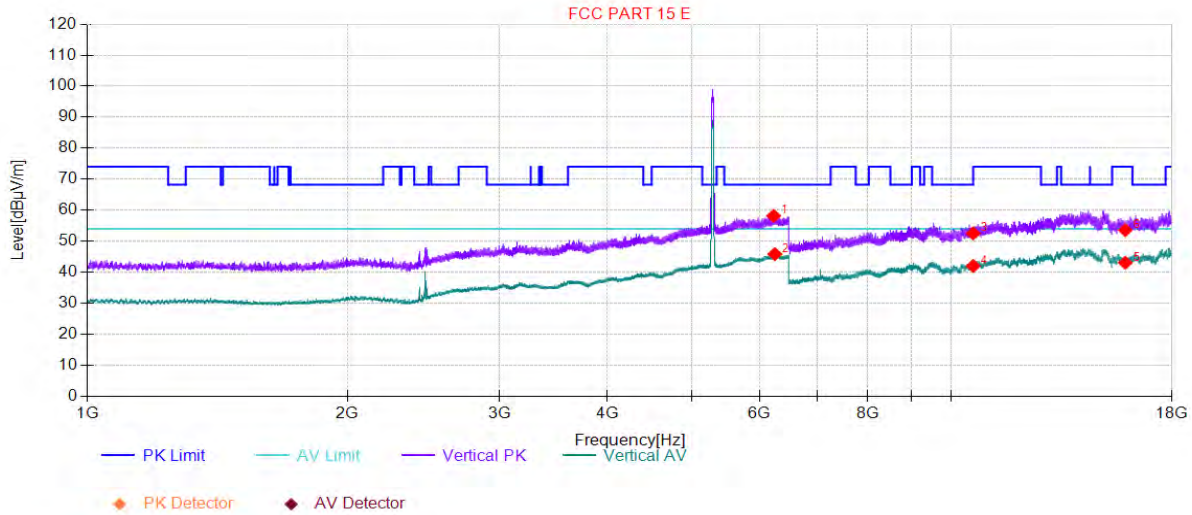


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**4.9.2.34 802.11N20\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6228.28	58.15	18.14	68.20	10.05	235	246	Vertical
2	6247.34	45.84	18.23	54.00	8.16	256	50	Vertical
3	10600.0	52.50	2.23	74.00	21.50	278	291	Vertical
4	10600.0	42.00	2.23	54.00	12.00	274	82	Vertical
5	15900.0	43.04	5.29	54.00	10.96	241	82	Vertical
6	15900.0	53.57	5.29	74.00	20.43	268	73	Vertical

**Final Data List**

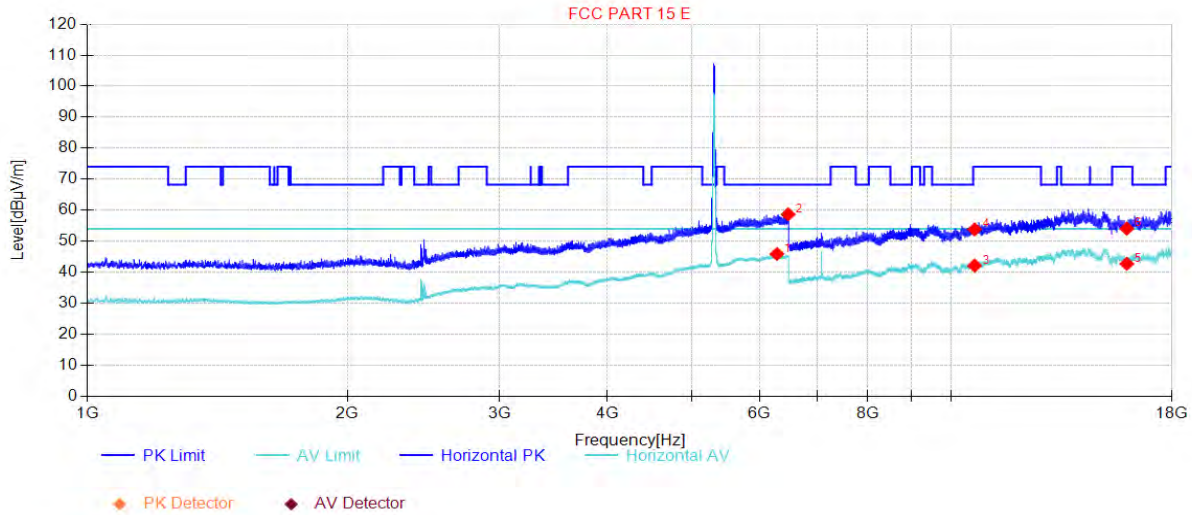


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**4.9.2.35 802.11N20\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6282.18	45.87	18.40	54.00	8.13	135	117	Horizontal
2	6473.23	58.66	18.57	68.20	9.54	138	233	Horizontal
3	10640.0	42.11	2.22	54.00	11.89	187	147	Horizontal
4	10640.0	53.80	2.22	74.00	20.20	152	261	Horizontal
5	15960.0	42.70	5.01	54.00	11.30	135	119	Horizontal
6	15960.0	54.06	5.01	74.00	19.94	174	91	Horizontal

**Final Data List**

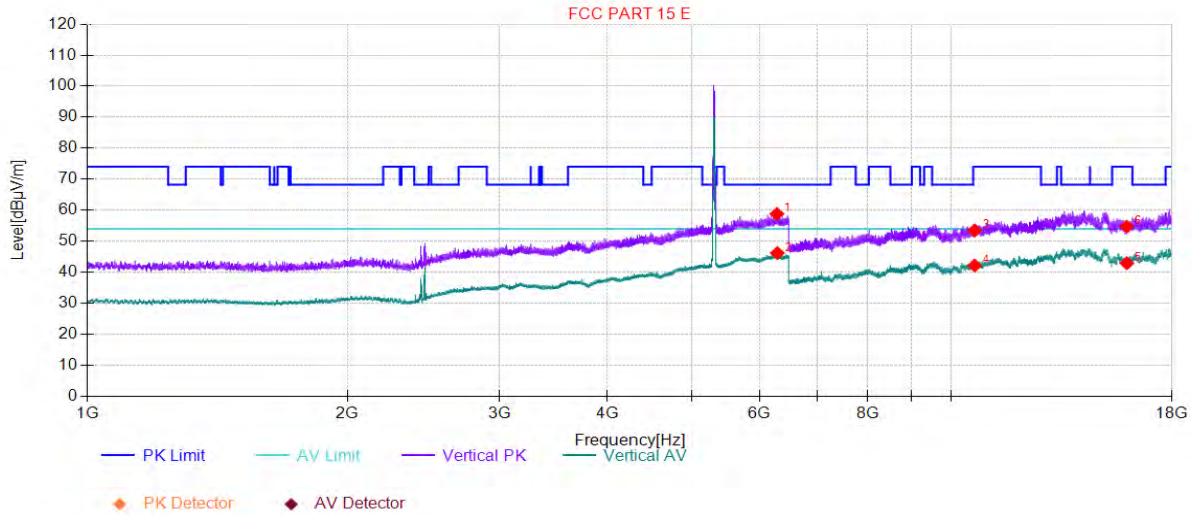


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**4.9.2.36 802.11N20\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6281.81	58.77	18.40	68.20	9.43	262	90	Vertical
2	6288.78	46.16	18.43	54.00	7.84	252	327	Vertical
3	10640.0	53.43	2.22	74.00	20.57	235	72	Vertical
4	10640.0	42.14	2.22	54.00	11.86	278	329	Vertical
5	15960.0	42.89	5.01	54.00	11.11	268	129	Vertical
6	15960.0	54.72	5.01	74.00	19.28	254	14	Vertical

**Final Data List**

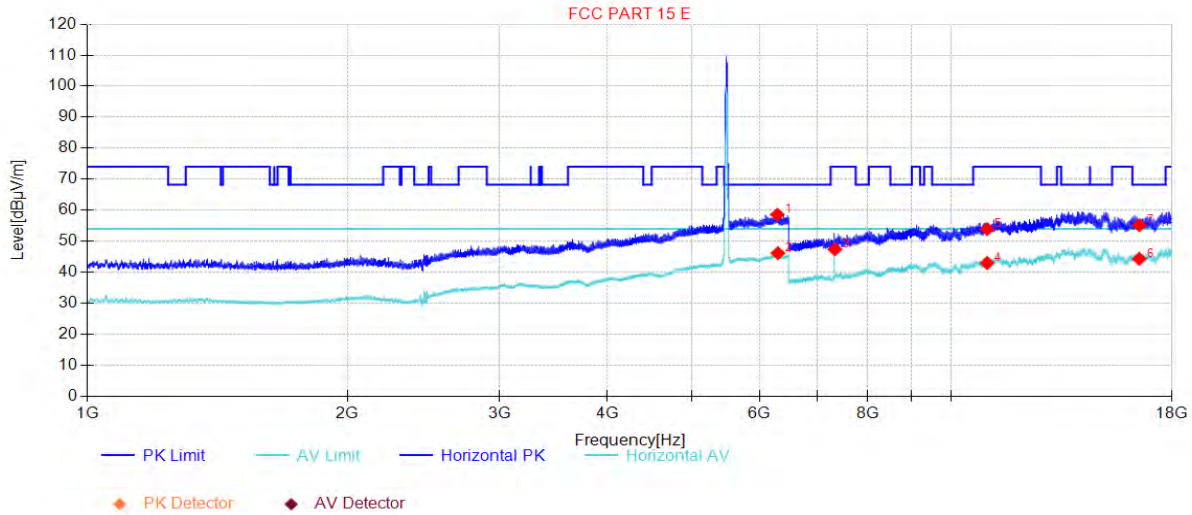


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**4.9.2.37 802.11N20\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6288.78	58.56	18.43	68.20	9.64	135	320	Horizontal
2	6299.42	46.14	18.48	54.00	7.86	136	260	Horizontal
3	7333.55	47.37	-2.91	54.00	6.63	154	23	Horizontal
4	11000.0	42.92	2.74	54.00	11.08	178	71	Horizontal
5	11000.0	53.87	2.74	74.00	20.13	154	338	Horizontal
6	16500.0	44.30	5.09	54.00	9.70	187	185	Horizontal
7	16500.0	55.16	5.09	68.20	13.04	200	33	Horizontal

**Final Data List**

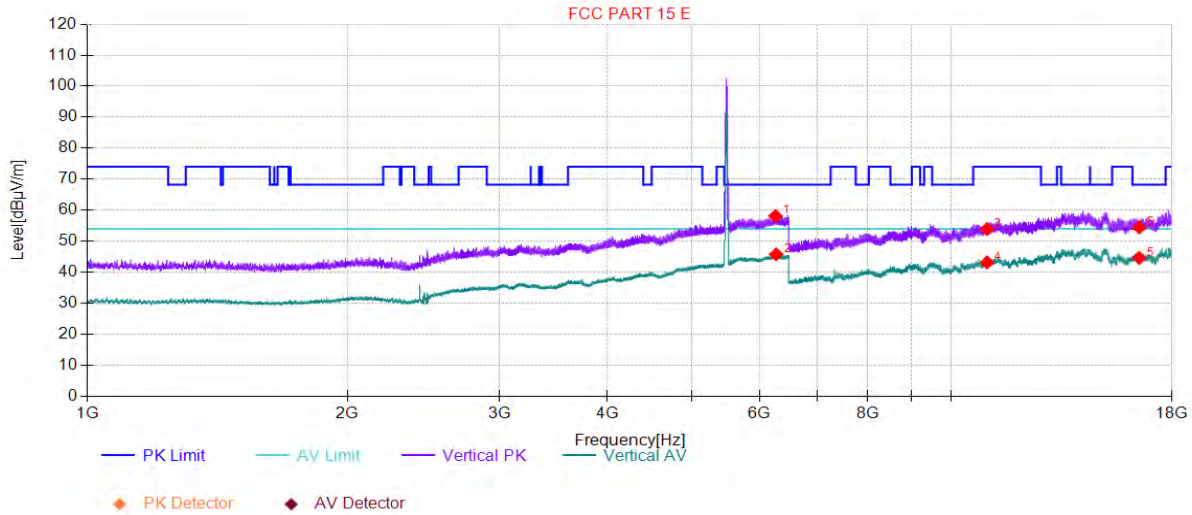


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**4.9.2.38 802.11N20\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6260.18	58.10	18.29	68.20	10.10	235	36	Vertical
2	6269.71	45.72	18.34	54.00	8.28	255	300	Vertical
3	11000.0	53.93	2.74	74.00	20.07	252	300	Vertical
4	11000.0	43.13	2.74	54.00	10.87	241	176	Vertical
5	16500.0	44.59	5.09	54.00	9.41	251	148	Vertical
6	16500.0	54.42	5.09	68.20	13.78	288	348	Vertical

**Final Data List**



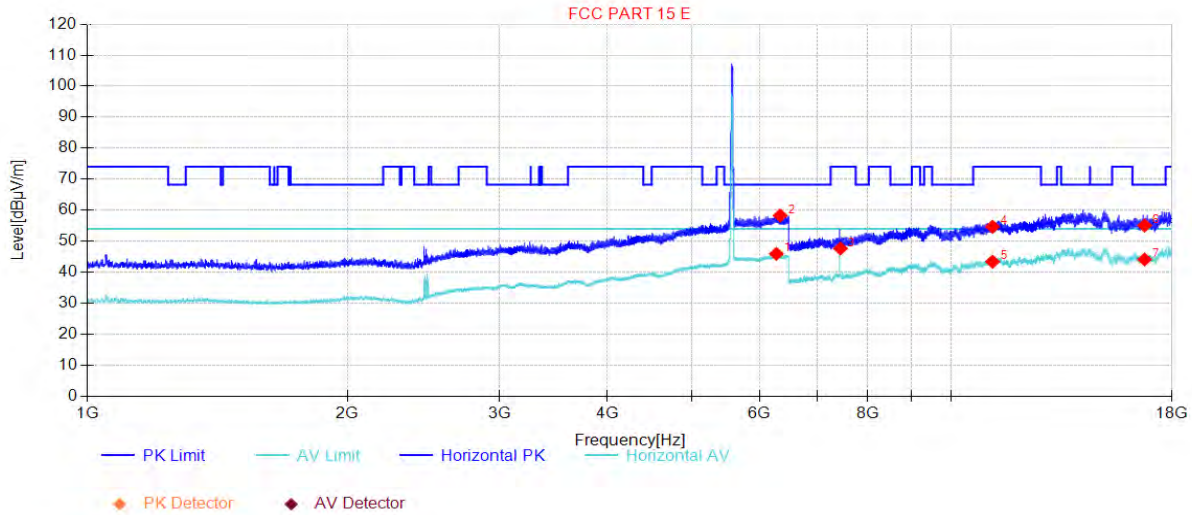
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**4.9.2.39 802.11N20\_Channel 116**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6273.01	45.91	18.35	54.00	8.09	135	139	Horizontal
2	6336.82	58.27	18.37	68.20	9.93	145	84	Horizontal
3	7440.73	47.62	-2.54	54.00	6.38	178	26	Horizontal
4	11160.0	54.65	2.54	74.00	19.35	135	301	Horizontal
5	11160.0	43.37	2.54	54.00	10.63	178	339	Horizontal
6	16740.0	55.05	5.53	68.20	13.15	156	215	Horizontal
7	16740.0	44.09	5.53	54.00	9.91	100	348	Horizontal

**Final Data List**

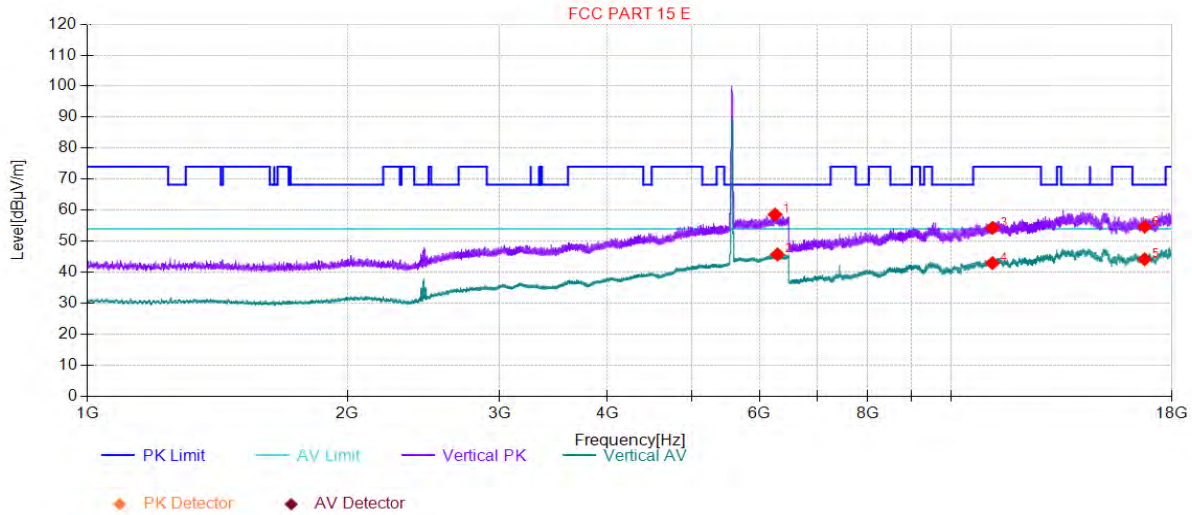


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**4.9.2.40 802.11N20\_Channel 116**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6251.75	58.58	18.25	68.20	9.62	235	185	Vertical
2	6291.71	45.70	18.44	54.00	8.30	277	49	Vertical
3	11160.0	54.29	2.54	74.00	19.71	241	281	Vertical
4	11160.0	42.92	2.54	54.00	11.08	289	195	Vertical
5	16740.0	44.16	5.53	54.00	9.84	241	214	Vertical
6	16740.0	54.64	5.53	68.20	13.56	278	291	Vertical

**Final Data List**

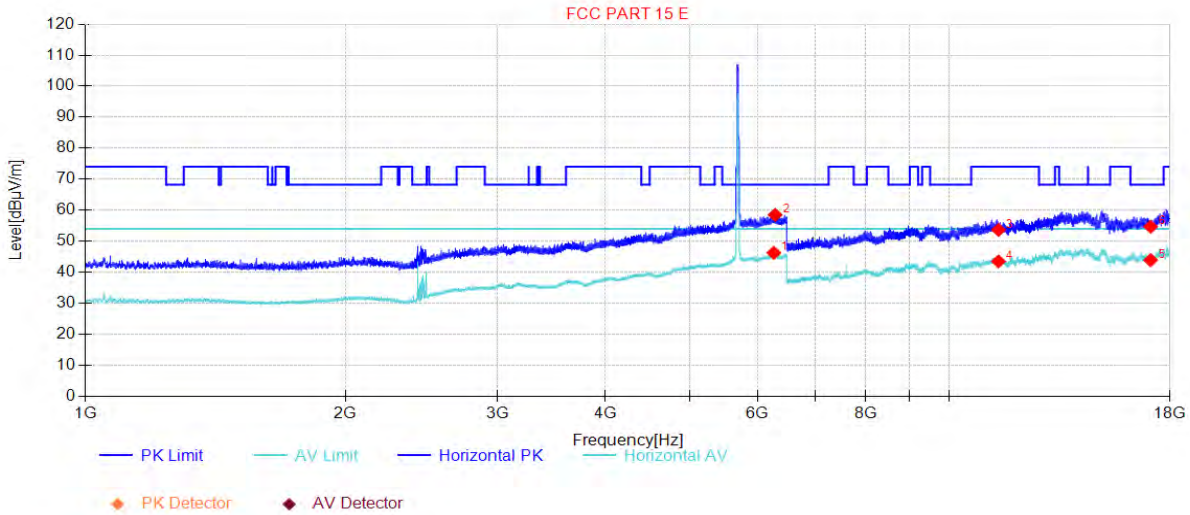


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**4.9.2.41 802.11N20\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6264.58	46.23	18.31	54.00	7.77	135	232	Horizontal
2	6286.21	58.51	18.42	68.20	9.69	178	117	Horizontal
3	11400.0	53.63	2.54	74.00	20.37	136	272	Horizontal
4	11400.0	43.46	2.54	54.00	10.54	210	224	Horizontal
5	17100.0	43.89	5.72	54.00	10.11	156	128	Horizontal
6	17100.0	54.67	5.72	68.20	13.53	189	196	Horizontal

**Final Data List**

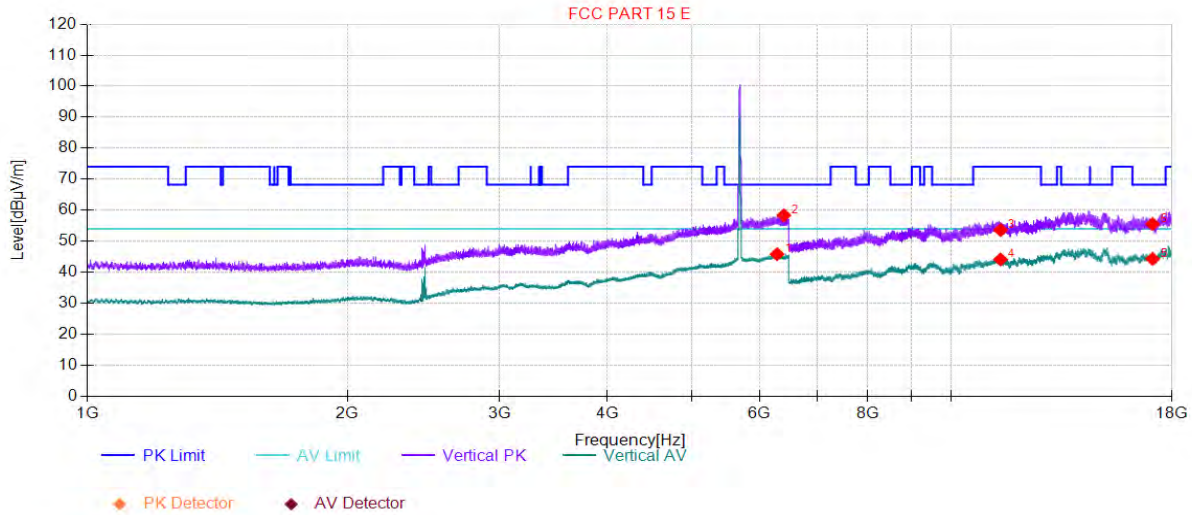


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**4.9.2.42 802.11N20\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6284.75	45.81	18.41	54.00	8.19	245	289	Vertical
2	6399.89	58.34	18.16	68.20	9.86	268	247	Vertical
3	11400.0	53.59	2.54	74.00	20.41	278	186	Vertical
4	11400.0	44.10	2.54	54.00	9.90	245	148	Vertical
5	17100.0	44.26	5.72	54.00	9.74	265	157	Vertical
6	17100.0	55.52	5.72	68.20	12.68	241	61	Vertical

**Final Data List**

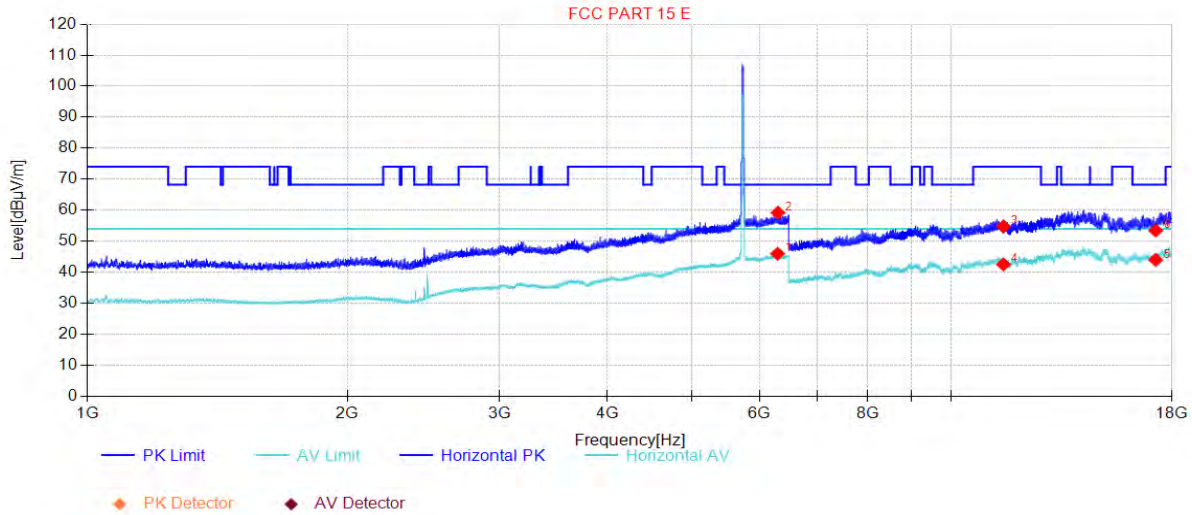


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**4.9.2.43 802.11N20\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6293.55	45.94	18.45	54.00	8.06	138	77	Horizontal
2	6299.78	59.16	18.48	68.20	9.04	189	227	Horizontal
3	11490.0	54.77	2.10	74.00	19.23	142	108	Horizontal
4	11490.0	42.51	2.10	54.00	11.49	163	252	Horizontal
5	17235.0	43.97	6.10	54.00	10.03	132	15	Horizontal
6	17235.0	53.42	6.10	68.20	14.78	187	357	Horizontal

**Final Data List**

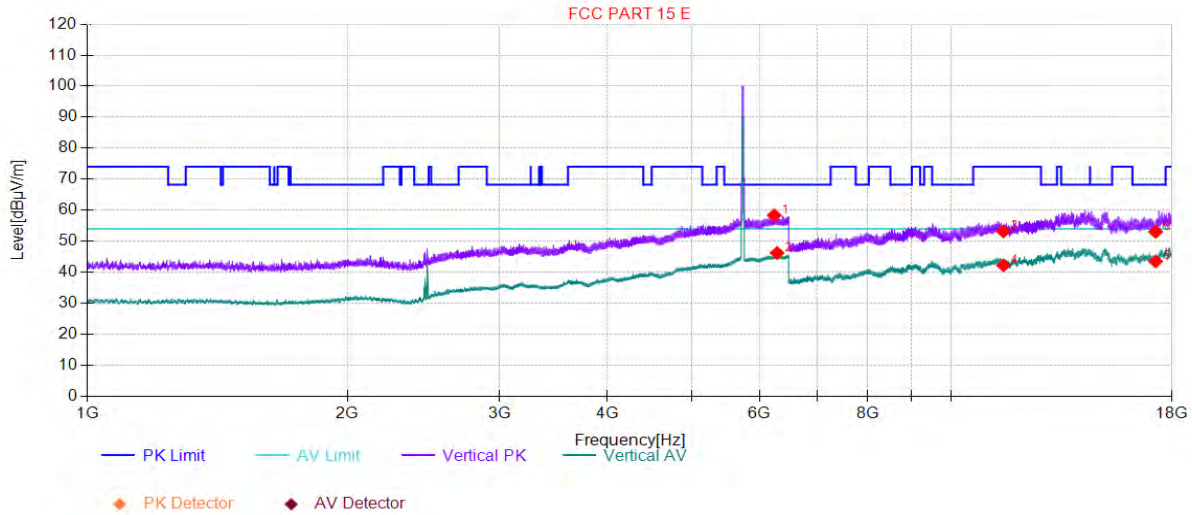


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**4.9.2.44 802.11N20\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6237.81	58.35	18.18	68.20	9.85	235	63	Vertical
2	6284.01	46.17	18.41	54.00	7.83	266	76	Vertical
3	11490.0	53.15	2.10	74.00	20.85	235	175	Vertical
4	11490.0	42.23	2.10	54.00	11.77	204	214	Vertical
5	17235.0	43.47	6.10	54.00	10.53	241	348	Vertical
6	17235.0	53.01	6.10	68.20	15.19	266	175	Vertical

**Final Data List**

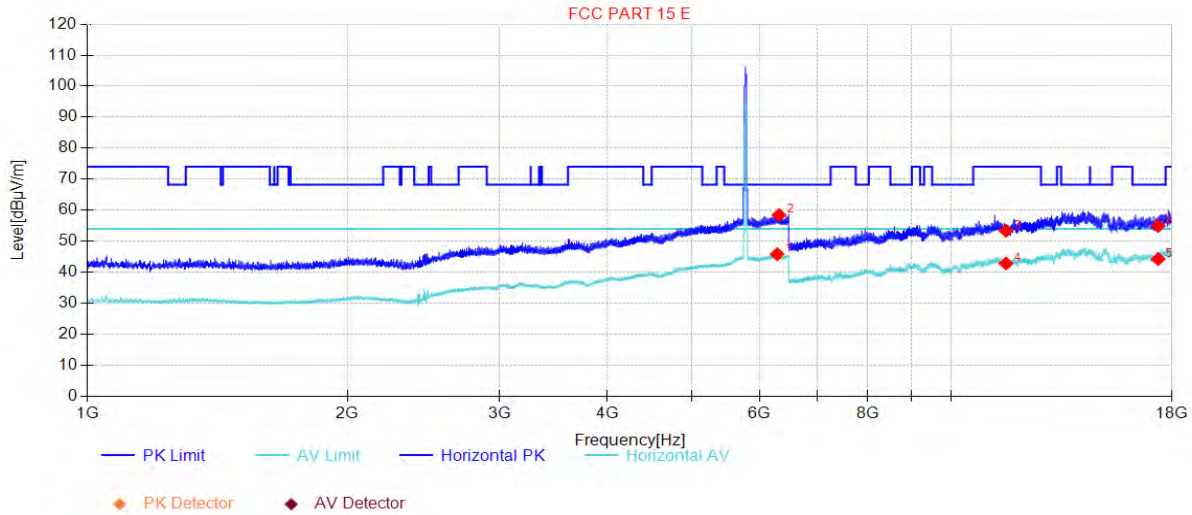


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**4.9.2.45 802.11N20\_Channel 157**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6287.31	45.81	18.42	54.00	8.19	138	70	Horizontal
2	6318.12	58.42	18.43	68.20	9.78	178	3	Horizontal
3	11570.0	53.35	2.92	74.00	20.65	168	158	Horizontal
4	11570.0	42.80	2.92	54.00	11.20	174	196	Horizontal
5	17355.0	44.23	6.75	54.00	9.77	168	91	Horizontal
6	17355.0	54.93	6.75	68.20	13.27	155	282	Horizontal

**Final Data List**

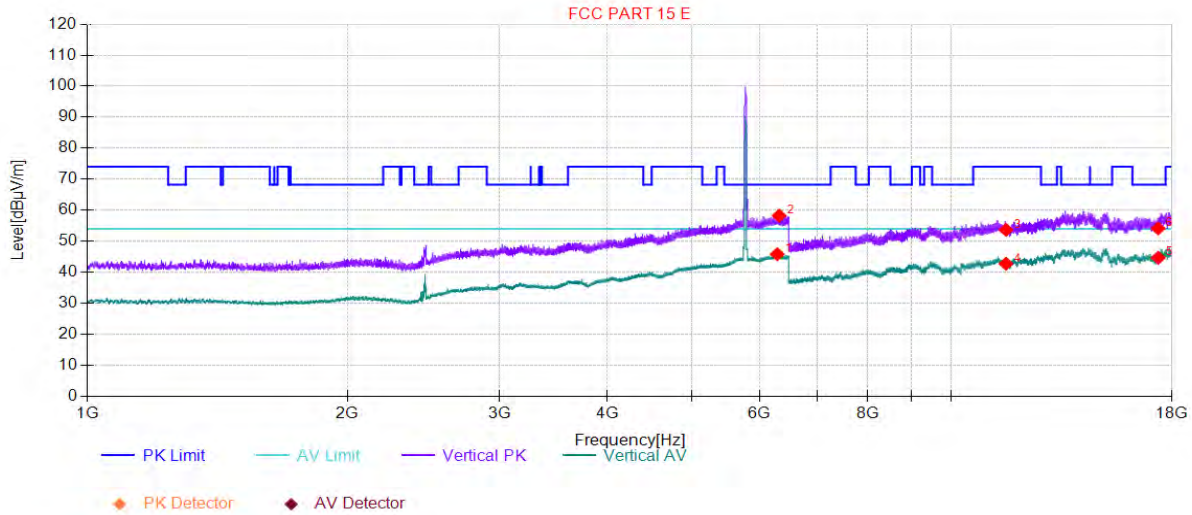


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**4.9.2.46 802.11N20\_Channel 157**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6286.95	45.79	18.42	54.00	8.21	235	104	Vertical
2	6319.95	58.22	18.42	68.20	9.98	285	70	Vertical
3	11570.0	53.65	2.92	74.00	20.35	222	214	Vertical
4	11570.0	42.71	2.92	54.00	11.29	282	329	Vertical
5	17355.0	44.64	6.75	54.00	9.36	274	339	Vertical
6	17355.0	54.10	6.75	68.20	14.10	287	0	Vertical

**Final Data List**



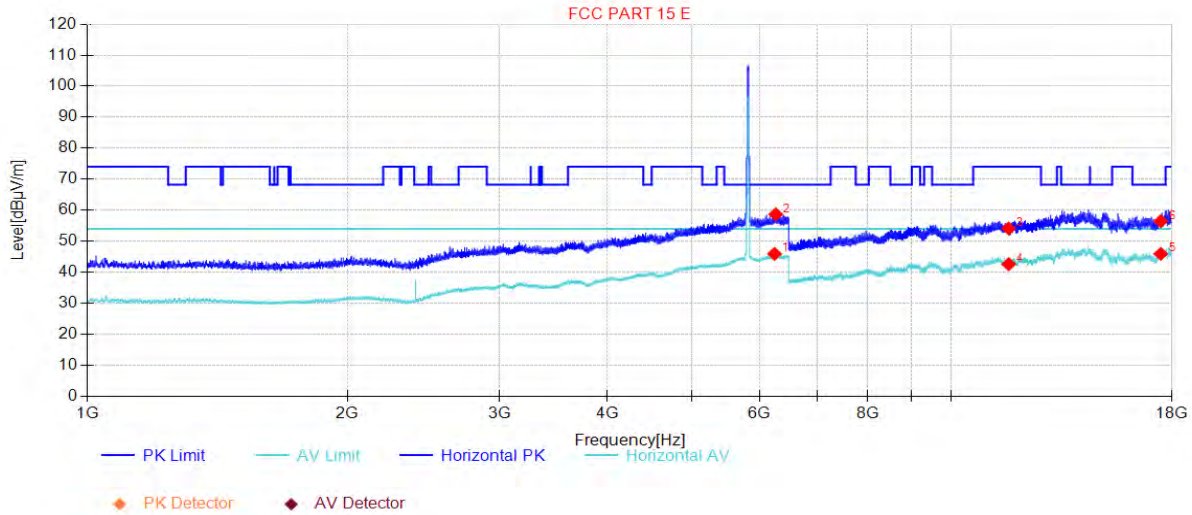
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**4.9.2.47 802.11N20\_Channel 165**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6243.31	45.91	18.21	54.00	8.09	154	320	Horizontal
2	6263.11	58.65	18.31	68.20	9.55	178	276	Horizontal
3	11650.0	54.11	2.58	74.00	19.89	132	0	Horizontal
4	11650.0	42.58	2.58	54.00	11.42	178	203	Horizontal
5	17475.0	45.89	7.42	54.00	8.11	165	310	Horizontal
6	17475.0	56.43	7.42	68.20	11.77	191	114	Horizontal

**Final Data List**

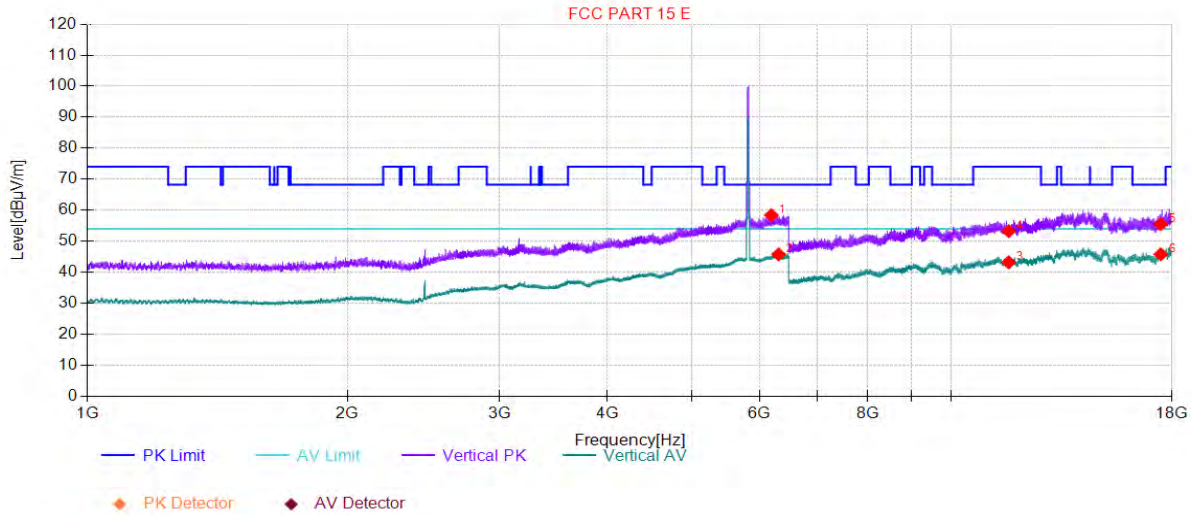


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**4.9.2.48 802.11N20\_Channel 165**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6189.04	58.38	17.98	68.20	9.82	278	58	Vertical
2	6311.52	45.73	18.45	54.00	8.27	265	45	Vertical
3	11650.0	43.17	2.58	54.00	10.83	274	326	Vertical
4	11650.0	53.23	2.58	74.00	20.77	271	207	Vertical
5	17475.0	55.46	7.42	68.20	12.74	272	274	Vertical
6	17475.0	45.75	7.42	54.00	8.25	255	235	Vertical

**Final Data List**

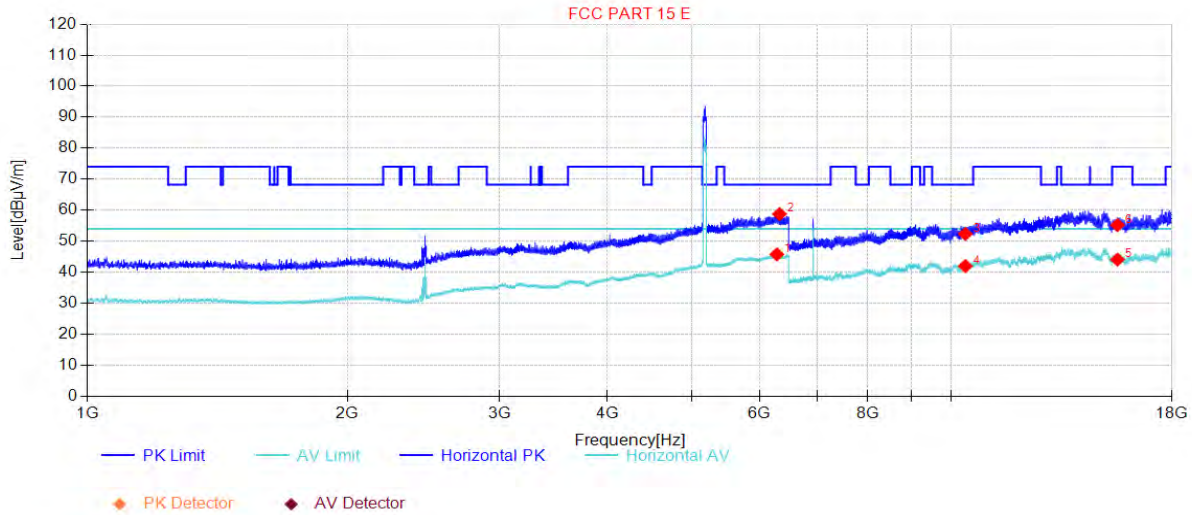


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**4.9.2.49 802.11N40\_Channel 38**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6281.45	45.74	18.40	54.00	8.26	146	180	Horizontal
2	6325.45	58.75	18.40	68.20	9.45	154	214	Horizontal
3	10380.0	52.34	2.40	68.20	15.86	155	242	Horizontal
4	10380.0	41.95	2.40	54.00	12.05	154	357	Horizontal
5	15570.0	44.04	6.00	54.00	9.96	151	100	Horizontal
6	15570.0	55.17	6.00	74.00	18.83	122	42	Horizontal

**Final Data List**

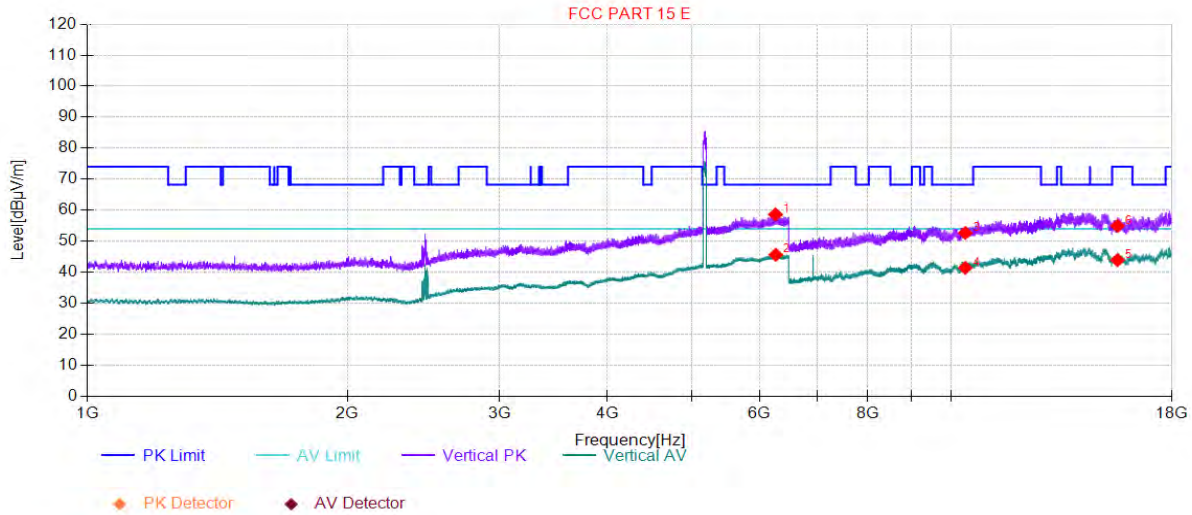


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**4.9.2.50 802.11N40\_Channel 38**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6258.35	58.61	18.28	68.20	9.59	213	185	Vertical
2	6263.48	45.60	18.31	54.00	8.40	241	171	Vertical
3	10380.0	52.63	2.40	68.20	15.57	245	81	Vertical
4	10380.0	41.39	2.40	54.00	12.61	265	33	Vertical
5	15570.0	43.88	6.00	54.00	10.12	289	14	Vertical
6	15570.0	54.93	6.00	74.00	19.07	266	42	Vertical

**Final Data List**

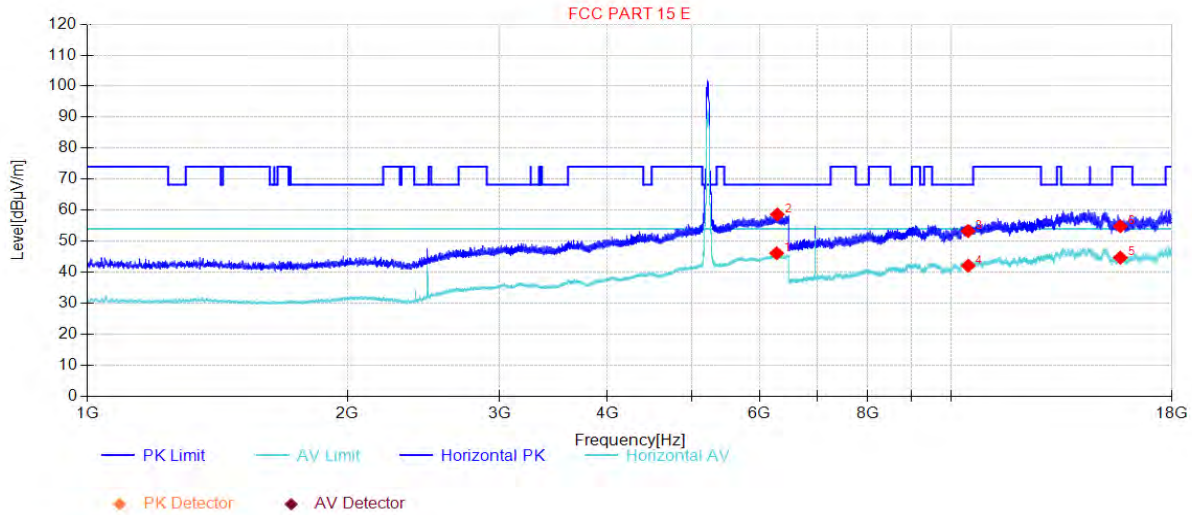


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**4.9.2.51 802.11N40\_Channel 46**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6278.15	46.10	18.38	54.00	7.90	132	56	Horizontal
2	6288.41	58.62	18.43	68.20	9.58	135	83	Horizontal
3	10460.0	53.26	2.47	68.20	14.94	135	244	Horizontal
4	10460.0	42.09	2.47	54.00	11.91	165	110	Horizontal
5	15690.0	44.69	6.13	54.00	9.31	154	196	Horizontal
6	15690.0	54.79	6.13	74.00	19.21	152	54	Horizontal

**Final Data List**

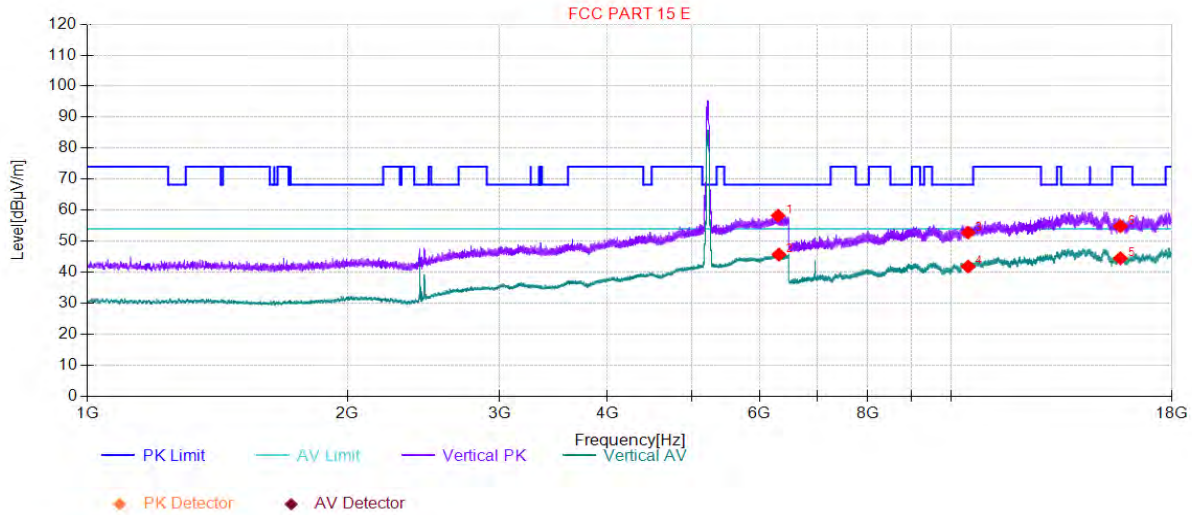


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**4.9.2.52 802.11N40\_Channel 46**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6301.98	58.20	18.48	68.20	10.00	248	170	Vertical
2	6316.28	45.67	18.43	54.00	8.33	277	210	Vertical
3	10460.0	52.75	2.47	68.20	15.45	264	252	Vertical
4	10460.0	41.81	2.47	54.00	12.19	282	242	Vertical
5	15690.0	44.47	6.13	54.00	9.53	222	24	Vertical
6	15690.0	54.80	6.13	74.00	19.20	231	129	Vertical

**Final Data List**

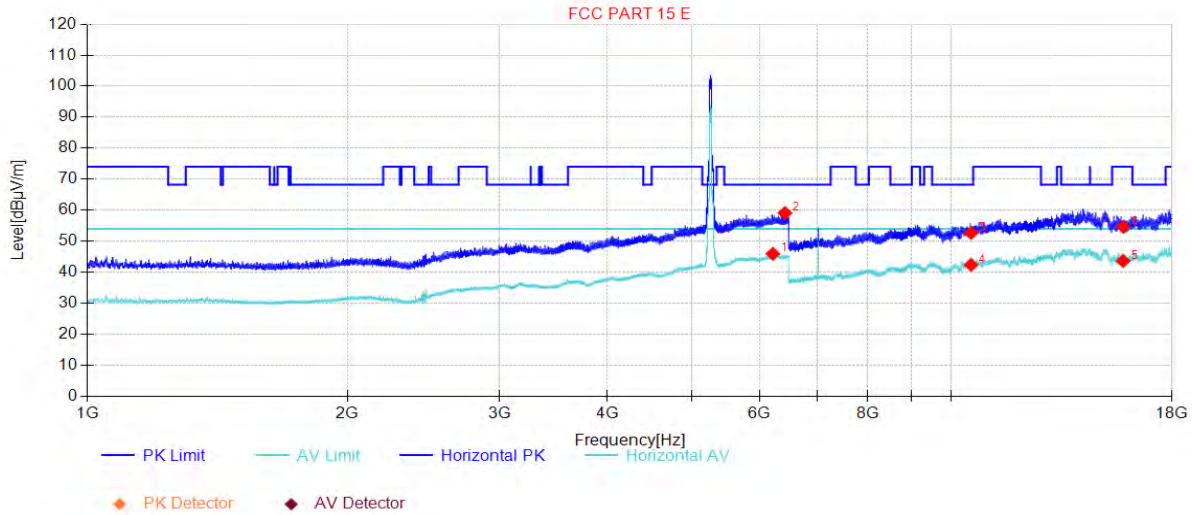


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**4.9.2.53 802.11N40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6216.18	45.92	18.08	54.00	8.08	123	320	Horizontal
2	6417.49	59.07	18.26	68.20	9.13	156	212	Horizontal
3	10540.0	52.65	2.39	68.20	15.55	178	195	Horizontal
4	10540.0	42.34	2.39	54.00	11.66	189	52	Horizontal
5	15810.0	43.63	5.12	54.00	10.37	168	66	Horizontal
6	15810.0	54.64	5.12	74.00	19.36	152	24	Horizontal

**Final Data List**

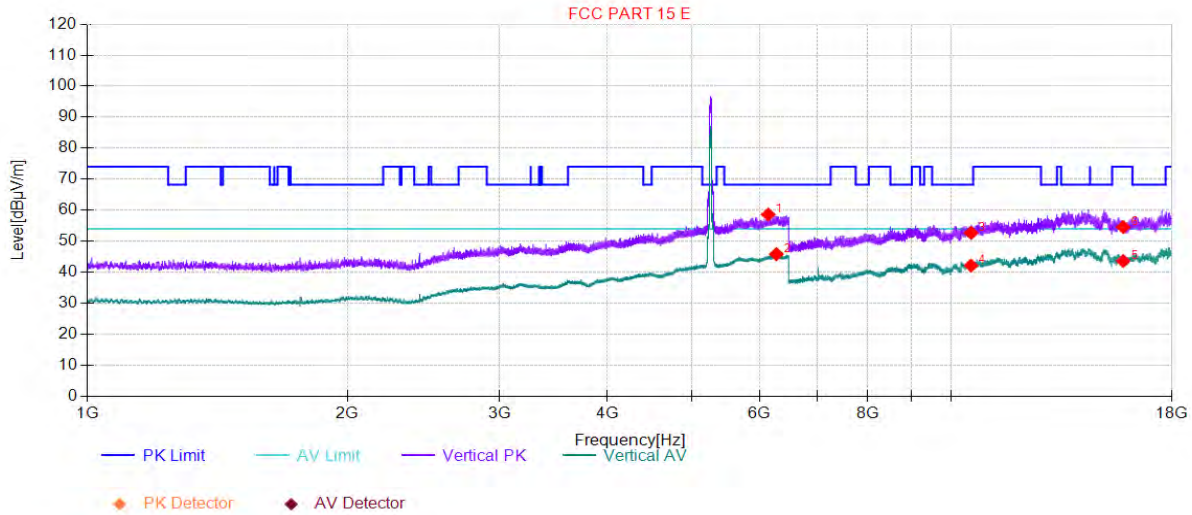


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**4.9.2.54 802.11N40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6139.54	58.60	17.86	68.20	9.60	241	359	Vertical
2	6273.38	45.82	18.36	54.00	8.18	253	184	Vertical
3	10540.0	52.65	2.39	68.20	15.55	287	167	Vertical
4	10540.0	42.15	2.39	54.00	11.85	262	130	Vertical
5	15810.0	43.61	5.12	54.00	10.39	271	348	Vertical
6	15810.0	54.57	5.12	74.00	19.43	266	205	Vertical

**Final Data List**



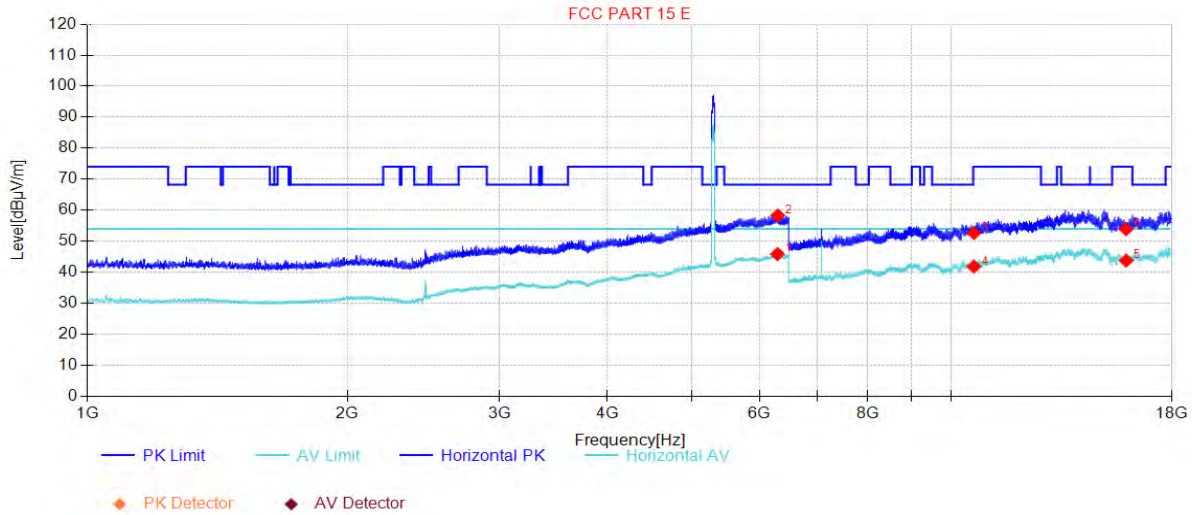
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### 4.9.2.55 802.11N40\_Channel 62

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6291.71	45.84	18.44	54.00	8.16	154	103	Horizontal
2	6298.31	58.28	18.48	68.20	9.92	135	279	Horizontal
3	10620.0	52.60	2.23	74.00	21.40	132	329	Horizontal
4	10620.0	41.77	2.23	54.00	12.23	168	120	Horizontal
5	15930.0	43.74	5.15	54.00	10.26	169	348	Horizontal
6	15930.0	53.86	5.15	74.00	20.14	194	272	Horizontal

#### Final Data List

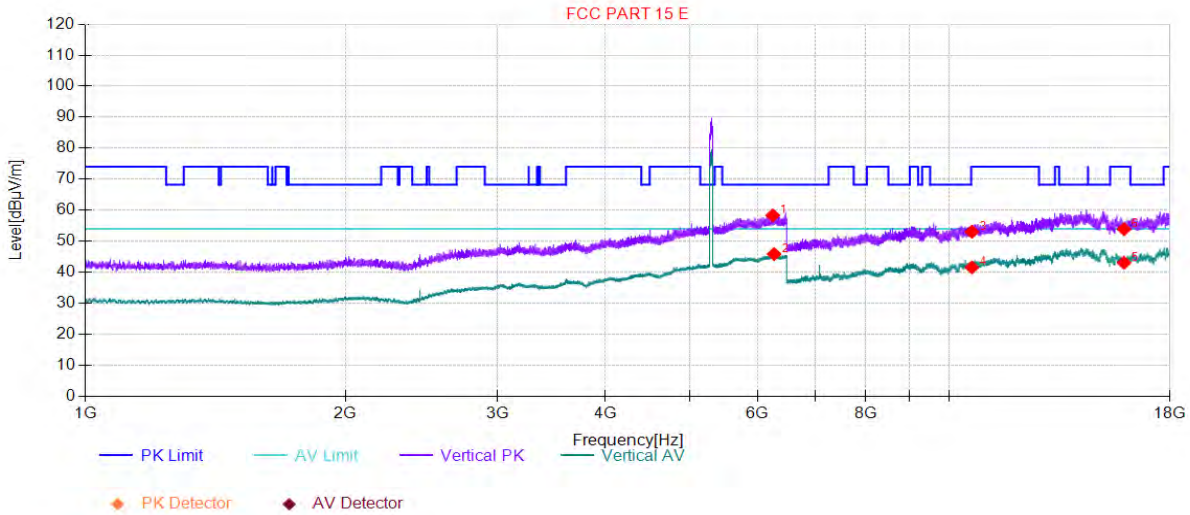


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**4.9.2.56 802.11N40\_Channel 62**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6245.88	58.32	18.22	68.20	9.88	237	104	Vertical
2	6268.98	45.84	18.33	54.00	8.16	278	354	Vertical
3	10620.0	53.01	2.23	74.00	20.99	261	348	Vertical
4	10620.0	41.53	2.23	54.00	12.47	285	15	Vertical
5	15930.0	43.02	5.15	54.00	10.98	214	187	Vertical
6	15930.0	53.87	5.15	74.00	20.13	235	62	Vertical

**Final Data List**

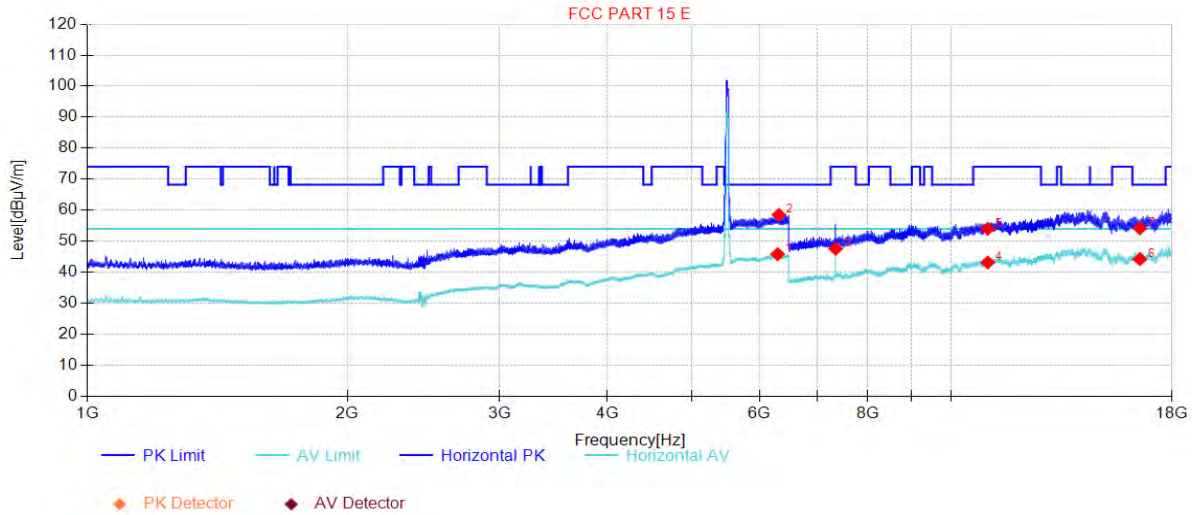


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**4.9.2.57 802.11N40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6295.38	45.79	18.46	54.00	8.21	135	64	Horizontal
2	6315.92	58.47	18.43	68.20	9.73	154	273	Horizontal
3	7346.89	47.58	-2.85	54.00	6.42	131	34	Horizontal
4	11020.0	43.13	2.69	54.00	10.87	161	357	Horizontal
5	11020.0	53.99	2.69	74.00	20.01	157	272	Horizontal
6	16530.0	44.21	5.27	54.00	9.79	185	138	Horizontal
7	16530.0	54.17	5.27	68.20	14.03	100	167	Horizontal

**Final Data List**



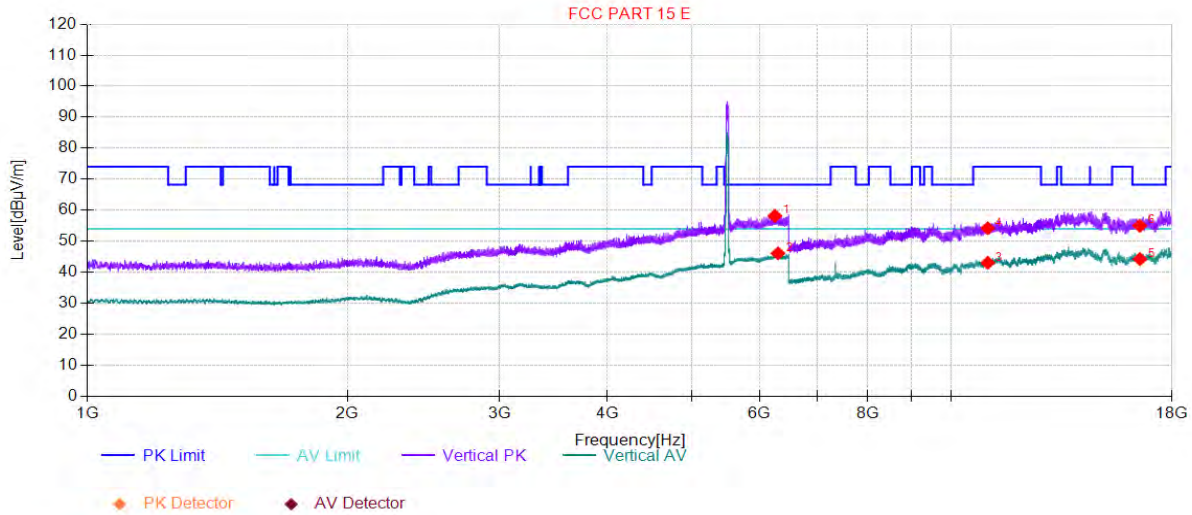
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**4.9.2.58 802.11N40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6249.91	58.15	18.24	68.20	10.05	241	150	Vertical
2	6301.25	46.06	18.48	54.00	7.94	268	96	Vertical
3	11020.0	43.01	2.69	54.00	10.99	284	166	Vertical
4	11020.0	54.18	2.69	74.00	19.82	244	290	Vertical
5	16530.0	44.20	5.27	54.00	9.80	262	34	Vertical
6	16530.0	54.96	5.27	68.20	13.24	278	233	Vertical

**Final Data List**

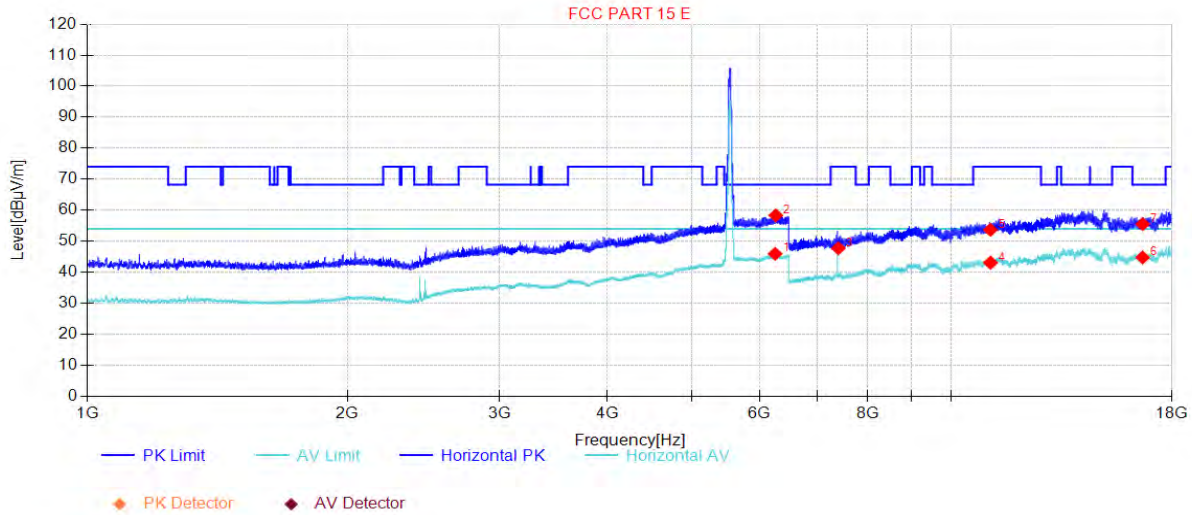


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**4.9.2.59 802.11N40\_Channel 110**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6251.75	45.92	18.25	54.00	8.08	123	84	Horizontal
2	6263.85	58.33	18.31	68.20	9.87	154	178	Horizontal
3	7400.25	47.73	-2.61	54.00	6.27	165	33	Horizontal
4	11100.0	43.03	2.49	54.00	10.97	112	357	Horizontal
5	11100.0	53.63	2.49	74.00	20.37	178	71	Horizontal
6	16650.0	44.75	5.74	54.00	9.25	132	42	Horizontal
7	16650.0	55.49	5.74	68.20	12.71	200	91	Horizontal

**Final Data List**



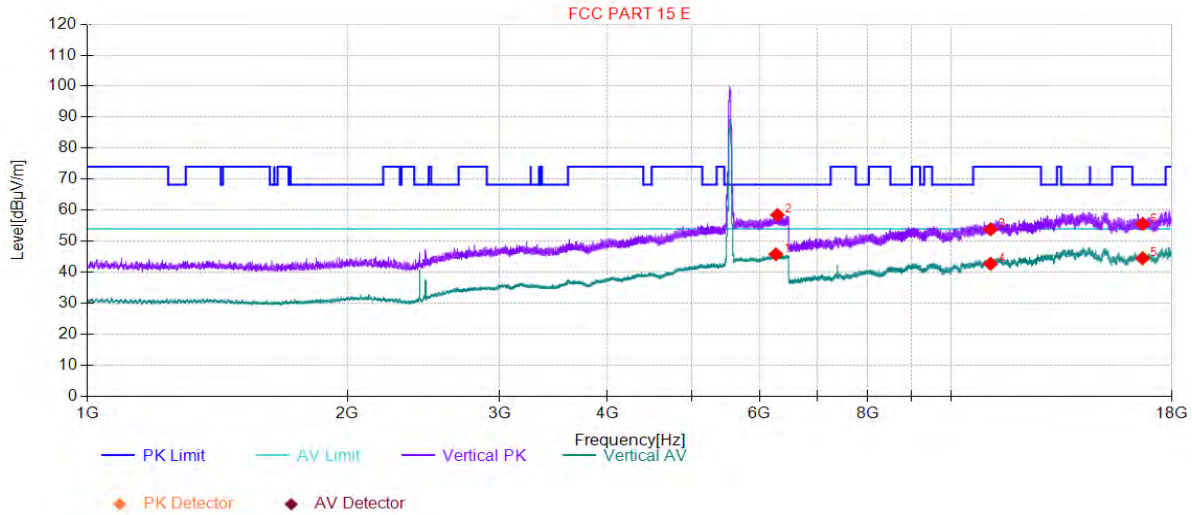
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**4.9.2.60 802.11N40\_Channel 110**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6266.05	45.76	18.32	54.00	8.24	236	306	Vertical
2	6291.35	58.44	18.44	68.20	9.76	266	77	Vertical
3	11100.0	53.80	2.49	74.00	20.20	248	59	Vertical
4	11100.0	42.69	2.49	54.00	11.31	241	348	Vertical
5	16650.0	44.50	5.74	54.00	9.50	286	272	Vertical
6	16650.0	55.54	5.74	68.20	12.66	274	223	Vertical

**Final Data List**

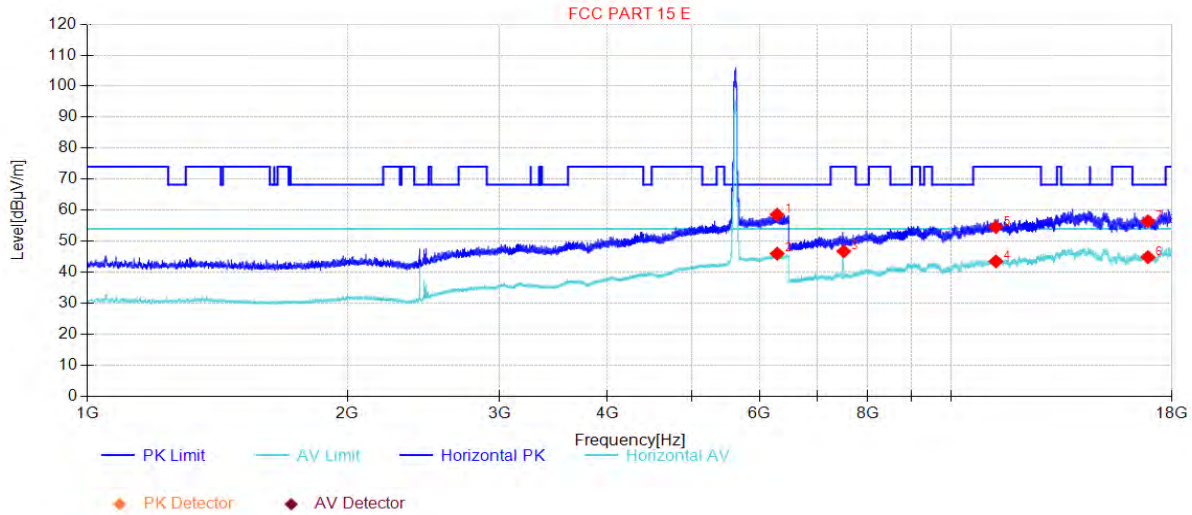


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**4.9.2.61 802.11N40\_Channel 126**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6285.11	58.54	18.41	68.20	9.66	178	239	Horizontal
2	6286.95	45.99	18.42	54.00	8.01	151	222	Horizontal
3	7506.98	46.73	-2.47	54.00	7.27	152	29	Horizontal
4	11260.0	43.46	2.56	54.00	10.54	164	88	Horizontal
5	11260.0	54.57	2.56	74.00	19.43	156	320	Horizontal
6	16890.0	44.82	5.36	54.00	9.18	189	78	Horizontal
7	16890.0	56.41	5.36	68.20	11.79	100	29	Horizontal

**Final Data List**

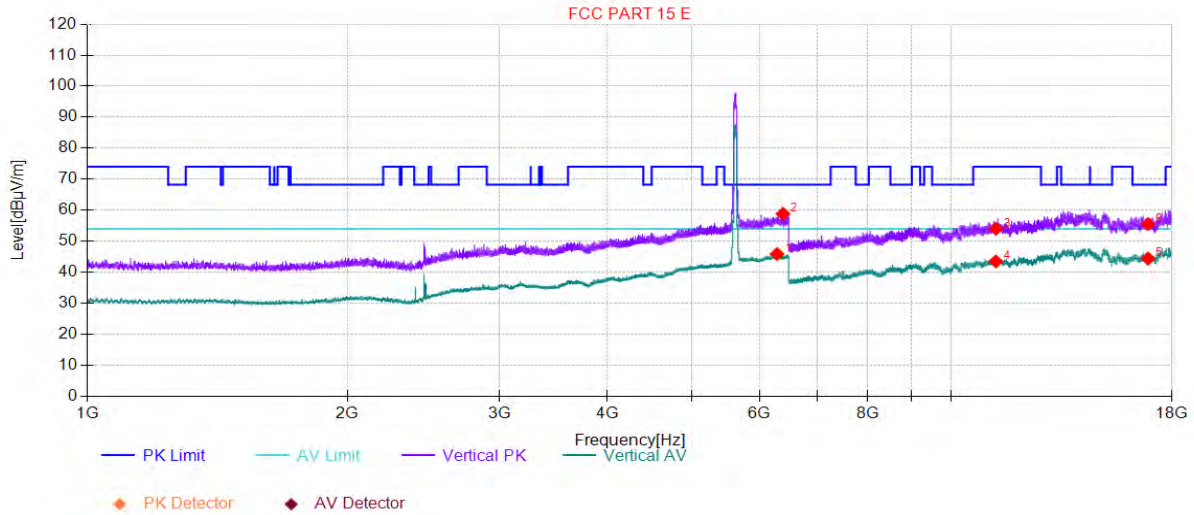


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### 4.9.2.62 802.11N40\_Channel 126

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6284.75	45.85	18.41	54.00	8.15	244	342	Vertical
2	6384.49	58.85	18.21	68.20	9.35	289	201	Vertical
3	11260.0	54.00	2.56	74.00	20.00	245	205	Vertical
4	11260.0	43.45	2.56	54.00	10.55	265	271	Vertical
5	16890.0	44.40	5.36	54.00	9.60	278	186	Vertical
6	16890.0	55.48	5.36	68.20	12.72	241	224	Vertical

#### Final Data List



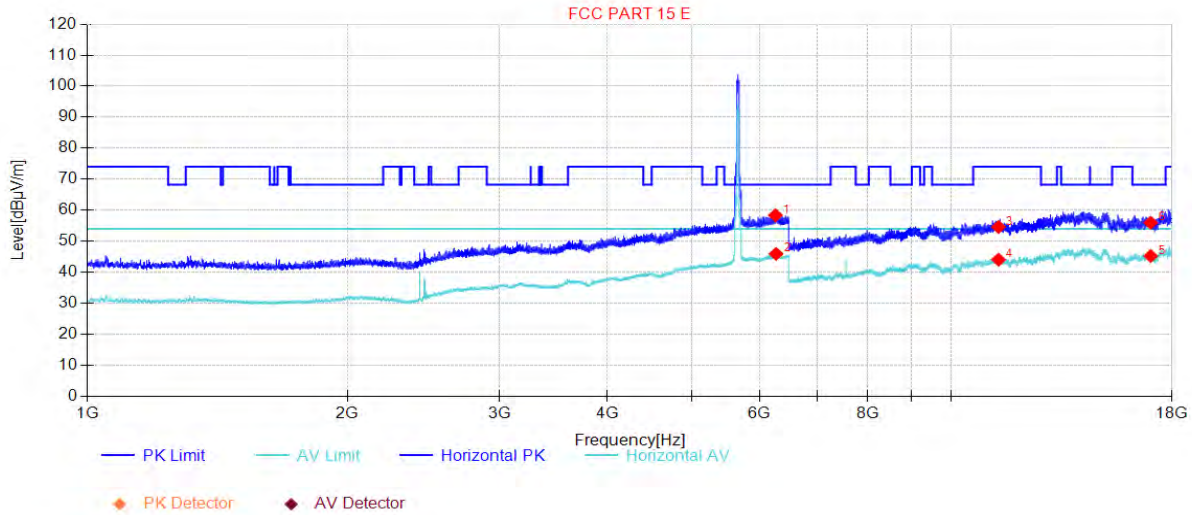
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**4.9.2.63 802.11N40\_Channel 134**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6257.61	58.35	18.28	68.20	9.85	135	185	Horizontal
2	6267.88	45.89	18.33	54.00	8.11	145	332	Horizontal
3	11340.0	54.57	2.55	74.00	19.43	123	214	Horizontal
4	11340.0	44.02	2.55	54.00	9.98	145	245	Horizontal
5	17010.0	45.20	6.16	54.00	8.80	165	179	Horizontal
6	17010.0	55.93	6.16	68.20	12.27	178	104	Horizontal

**Final Data List**

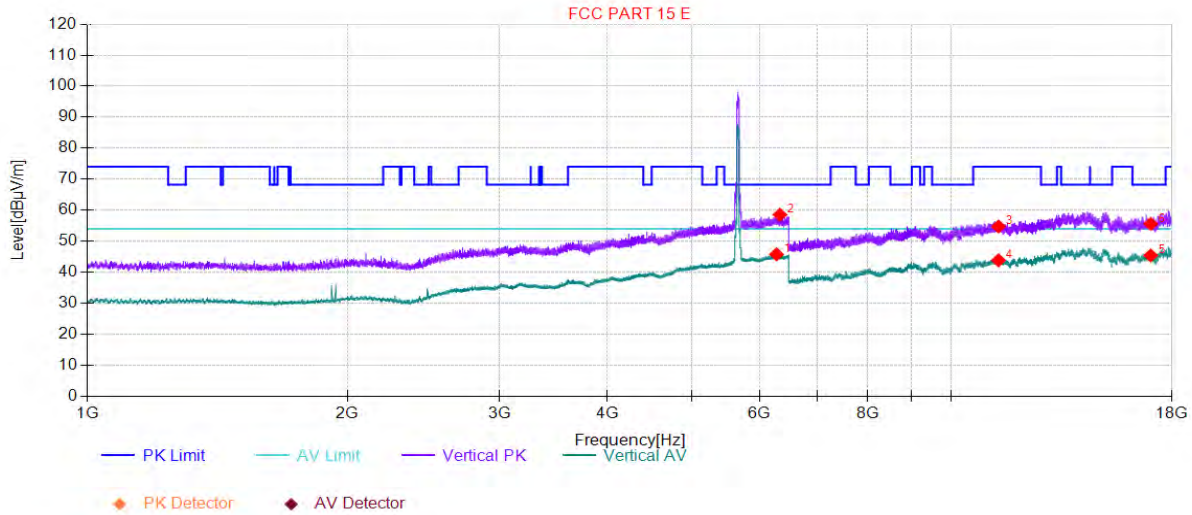


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**4.9.2.64 802.11N40\_Channel 134**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6274.85	45.77	18.36	54.00	8.23	155	176	Vertical
2	6332.05	58.54	18.38	68.20	9.66	164	154	Vertical
3	11340.0	54.74	2.55	74.00	19.26	178	357	Vertical
4	11340.0	43.82	2.55	54.00	10.18	169	113	Vertical
5	17010.0	45.39	6.16	54.00	8.61	177	64	Vertical
6	17010.0	55.56	6.16	68.20	12.64	125	223	Vertical

**Final Data List**

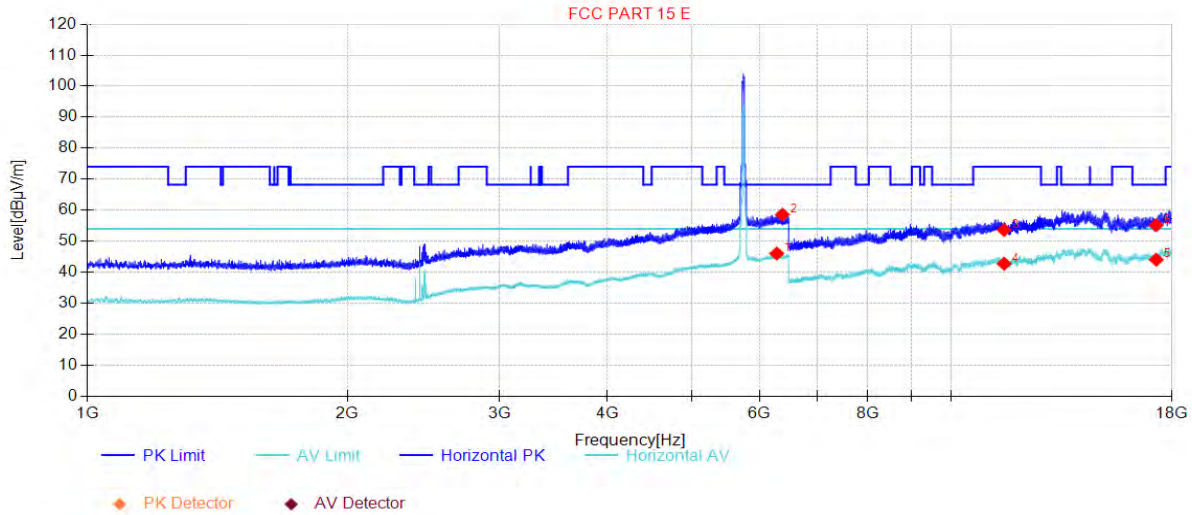


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### 4.9.2.65 802.11N40\_Channel 151

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6279.25	46.01	18.38	54.00	7.99	132	239	Horizontal
2	6375.32	58.57	18.24	68.20	9.63	141	185	Horizontal
3	11510.0	53.60	2.17	74.00	20.40	178	161	Horizontal
4	11510.0	42.72	2.17	54.00	11.28	165	53	Horizontal
5	17265.0	44.05	6.33	54.00	9.95	178	44	Horizontal
6	17265.0	55.18	6.33	68.20	13.02	132	89	Horizontal

#### Final Data List



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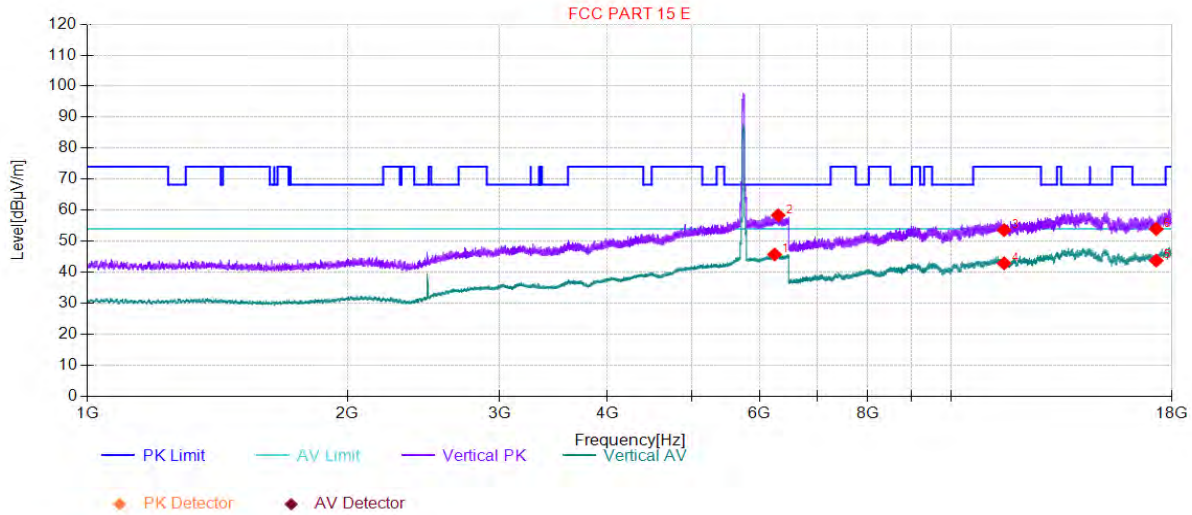
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### 4.9.2.66 802.11N40\_Channel 151

#### Test Graph



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6243.31	45.71	18.21	54.00	8.29	235	75	Vertical
2	6304.55	58.35	18.47	68.20	9.85	278	185	Vertical
3	11510.0	53.56	2.17	74.00	20.44	256	339	Vertical
4	11510.0	42.83	2.17	54.00	11.17	278	308	Vertical
5	17265.0	43.73	6.33	54.00	10.27	241	114	Vertical
6	17265.0	53.92	6.33	68.20	14.28	285	348	Vertical

#### Final Data List



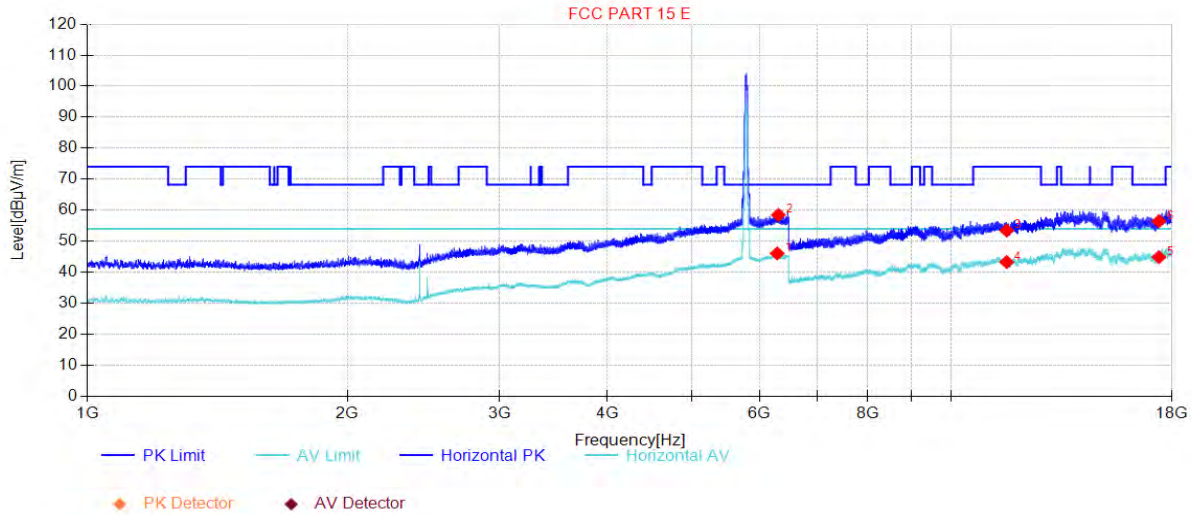
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**4.9.2.67 802.11N40\_Channel 159**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6287.68	46.04	18.43	54.00	7.96	142	120	Horizontal
2	6306.75	58.46	18.46	68.20	9.74	135	107	Horizontal
3	11590.0	53.43	3.16	74.00	20.57	122	225	Horizontal
4	11590.0	43.26	3.16	54.00	10.74	155	243	Horizontal
5	17385.0	44.87	6.82	54.00	9.13	151	277	Horizontal
6	17385.0	56.44	6.82	68.20	11.76	120	76	Horizontal

**Final Data List**

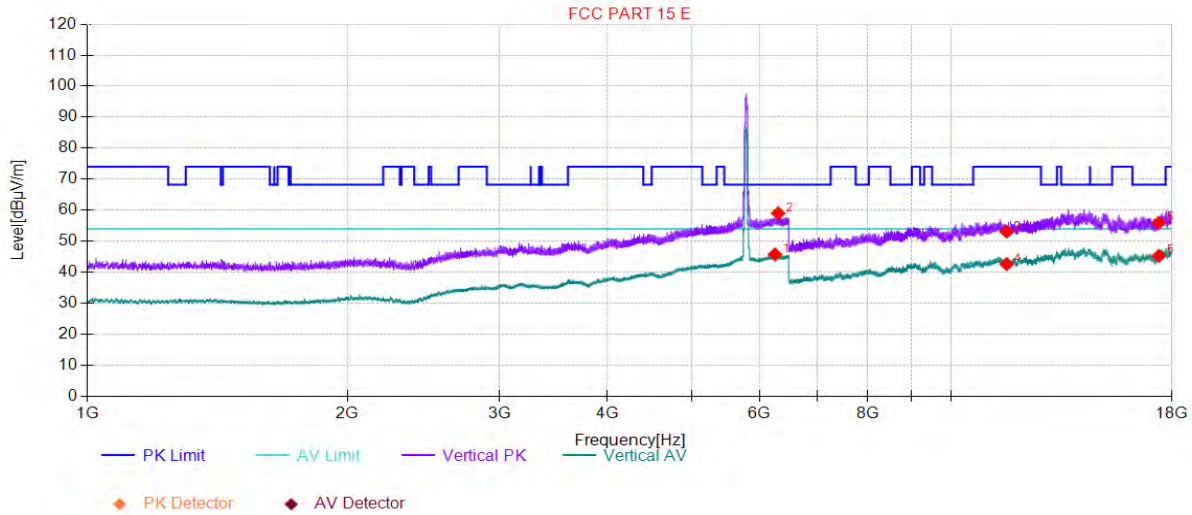


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**4.9.2.68 802.11N40\_Channel 159**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6251.38	45.70	18.25	54.00	8.30	245	333	Vertical
2	6303.08	59.01	18.47	68.20	9.19	211	347	Vertical
3	11590.0	53.06	3.16	74.00	20.94	235	105	Vertical
4	11590.0	42.61	3.16	54.00	11.39	278	2	Vertical
5	17385.0	45.25	6.82	54.00	8.75	265	241	Vertical
6	17385.0	55.96	6.82	68.20	12.24	241	357	Vertical

**Final Data List**

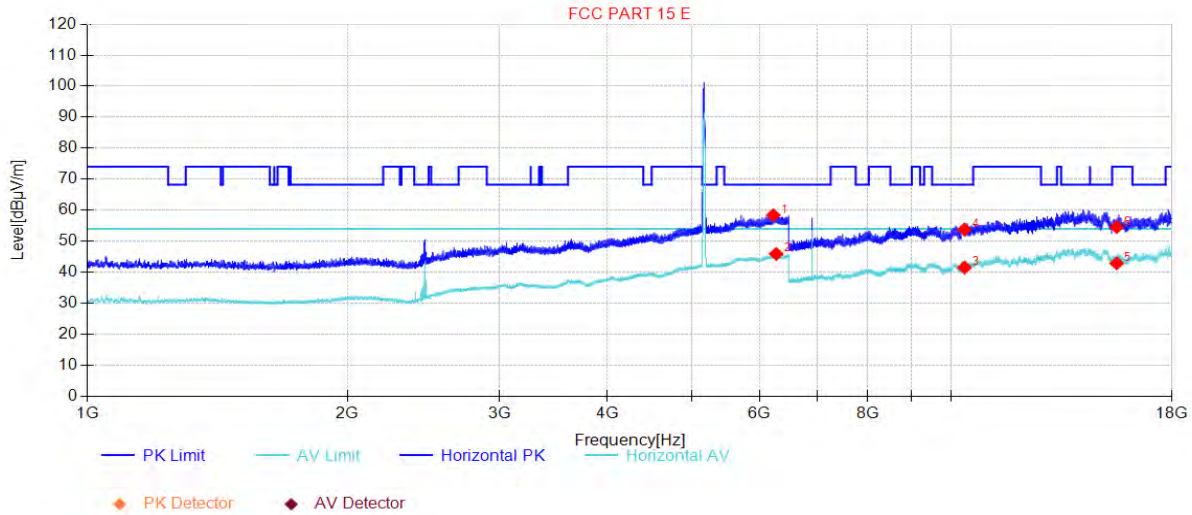


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**4.9.2.69 802.11AC20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6222.41	58.39	18.11	68.20	9.81	154	252	Horizontal
2	6270.45	45.89	18.34	54.00	8.11	136	131	Horizontal
3	10360.0	41.49	2.38	54.00	12.51	122	261	Horizontal
4	10360.0	53.75	2.38	68.20	14.45	189	270	Horizontal
5	15540.0	42.84	5.88	54.00	11.16	156	168	Horizontal
6	15540.0	54.56	5.88	74.00	19.44	123	338	Horizontal

**Final Data List**

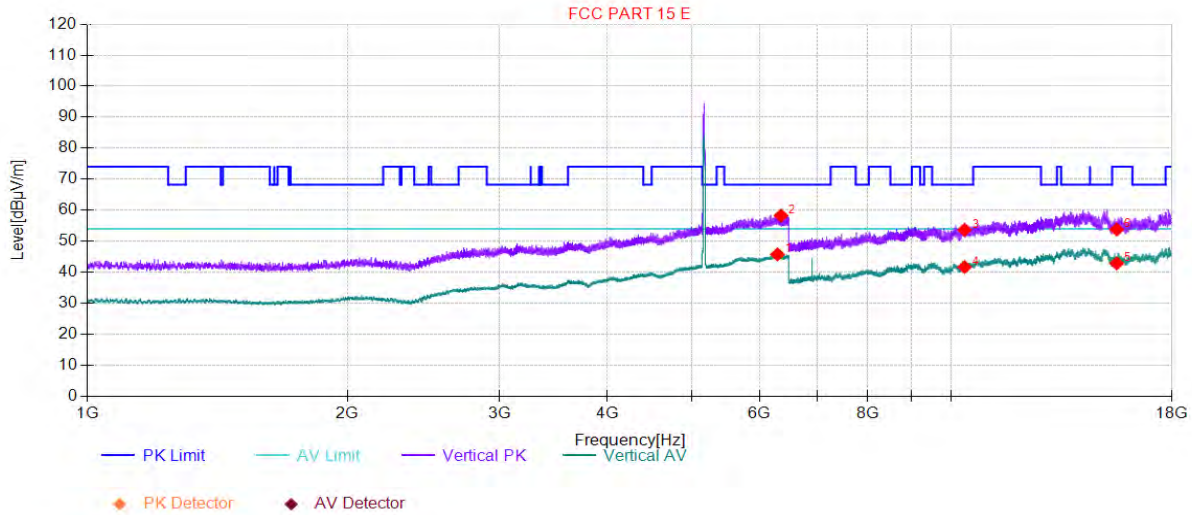


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**4.9.2.70 802.11AC20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6291.35	45.73	18.44	54.00	8.27	231	84	Vertical
2	6351.49	58.24	18.32	68.20	9.96	241	328	Vertical
3	10360.0	53.66	2.38	68.20	14.54	249	269	Vertical
4	10360.0	41.64	2.38	54.00	12.36	285	42	Vertical
5	15540.0	42.82	5.88	54.00	11.18	264	142	Vertical
6	15540.0	53.75	5.88	74.00	20.25	287	23	Vertical

**Final Data List**



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