

FCC TEST REPORT

Application No.: AR/2020/C0002
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description: Mobile Phone
Model No.: M2101K9G
Trade Mark: XIAOMI
FCC ID: 2AFZZK9G
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: 2020/12/21
Date of Test: 2020/12/21 to 2021/1/18
Date of Issue: 2021/4/30

Test Result :	PASS *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

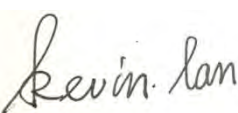


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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-01-19		Original
02		2021-04-30	Kevin.Lan	1.Add test site Information 2.Modify data conversion error of antenna height 3.Update equipment list

*This report supersedes our previous report AR/2020/C000205, issued on 2021-1-19, which is hereby deemed null and void.

Authorized for issue by:		
Prepared By		(Kevin.Lan) /Engineer
Checked By		(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)				
	5725-5850	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*lg(E BW)} (avg during transmission)			
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*lg(E BW)} (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). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted:		PASS	



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	5470-5750	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	§15.209/§7.2.5 limit (AV&PK). 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
Frequency Stability	5150-5250 5250-5350 5470-	15.209	---	Clause 4.11	PASS	A



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	5725 5725- 5850					
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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Shenzhen Branch

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3 General Information

3.1 Details of Client

Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

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, Mike Hu

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.

• FCC –Designation Number: CN1271



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3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	M2101K9G
Trade Mark:	XIAOMI
Hardware Version:	P2
Software Version:	MIUI 12
IEEE 802.11 WLAN Mode Supported	☒ 802.11a (20 MHz channel bandwidth), ☒ 802.11n (20 MHz channel bandwidth), ☒ 802.11n (40 MHz channel bandwidth), ☒ 802.11ac (20 MHz channel bandwidth) ☒ 802.11ac (40 MHz channel bandwidth) ☒ 802.11ac (80 MHz channel bandwidth) ☒ 802.11ax (20 MHz channel bandwidth) ☒ 802.11ax (40 MHz channel bandwidth) ☒ 802.11ax (80 MHz channel bandwidth)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80)/ax(HE20/40/80): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80) /ax(HE20/40/80): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80) /ax(HE20/40/80): 5470MHz to 5725MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80) /ax(HE20/40/80): 5725MHz to 5850MHz
Type of Modulation:	OFDMA/OFDM
DFS mode:	☐ Master ☐ Slave with radar detection ☒ Slave without radar detection
Sample Type:	☒ Portable Device, ☐ Module
Antenna Type:	PIFA Antenna
Antenna Ports	☒ Ant 1, ☒ Ant 2, ☐ Ant 3
Smart System	☐ SISO (for 802.11a/n/ac), ☒ MIMO (for 802.11n/ac), ☐ Diversity (for 802.11a).
Antenna Gain:	-1.42dBi(ANT1);-1.0dBi(ANT2);



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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/ax 20MHz	The Lowest channel	5180
	The Middle channel	5200
	The Highest channel	5240
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5190
	The Highest channel	5230
IEEE 802.11ac/ax 80MHz	The Middle channel	5210

For UNII Band II-A:

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

For UNII Band II-C:

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

For UNII Band III:

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



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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.



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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	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 -1.42dBi(ANT1);-1.0dBi(ANT2).	

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:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 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. 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, 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. 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.		



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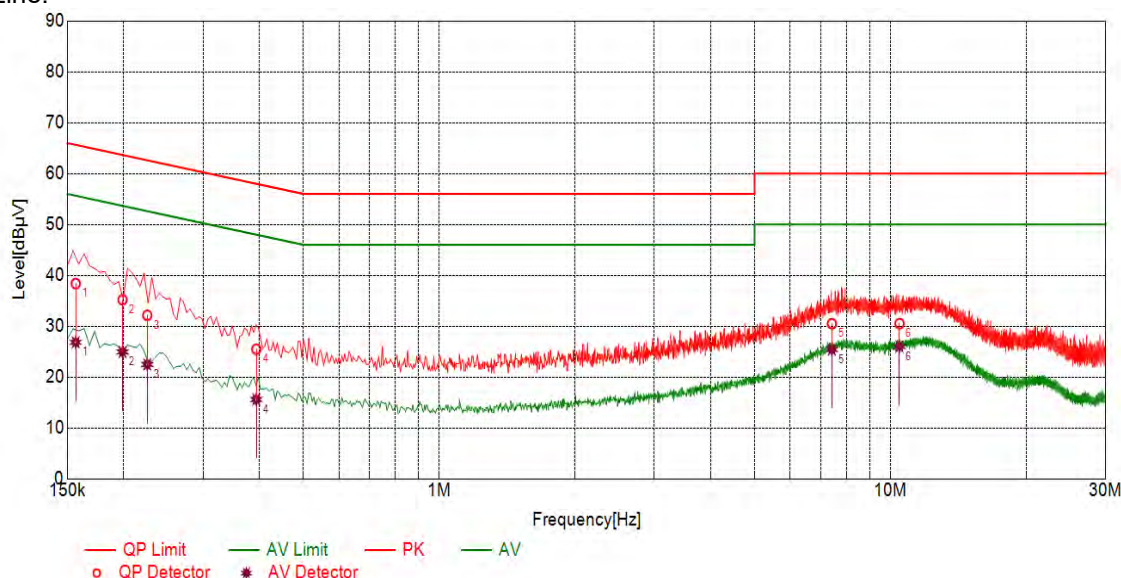
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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	0.1566	10.10	38.38	65.64	27.26	26.83	55.64	28.81
2	0.1989	10.10	35.20	63.66	28.46	24.94	53.66	28.72
3	0.2256	10.10	32.14	62.61	30.47	22.49	52.61	30.12
4	0.3936	10.10	25.48	57.99	32.51	15.60	47.99	32.39
5	7.4195	10.10	30.49	60.00	29.51	25.41	50.00	24.59
6	10.4783	10.10	30.51	60.00	29.49	26.00	50.00	24.00

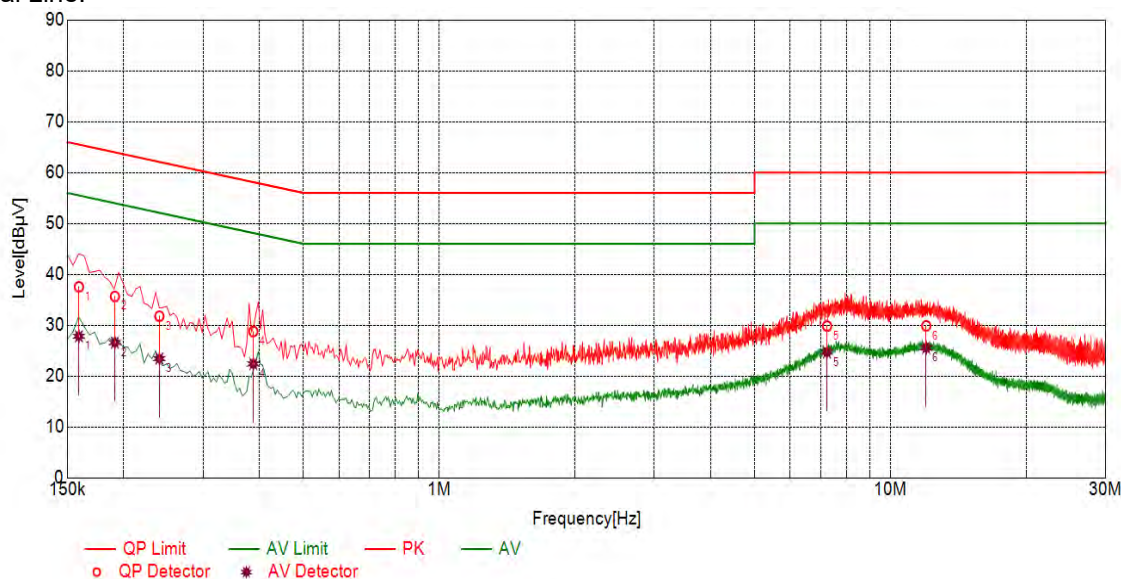


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Neutral Line:



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	0.1592	10.10	37.54	65.51	27.97	27.83	55.51	27.68
2	0.1913	10.10	35.65	63.98	28.33	26.58	53.98	27.40
3	0.2400	10.10	31.77	62.10	30.33	23.44	52.10	28.66
4	0.3876	10.10	28.78	58.12	29.34	22.39	48.12	25.73
5	7.2382	10.10	29.83	60.00	30.17	24.67	50.00	25.33
6	12.0056	10.10	29.87	60.00	30.13	25.56	50.00	24.44

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

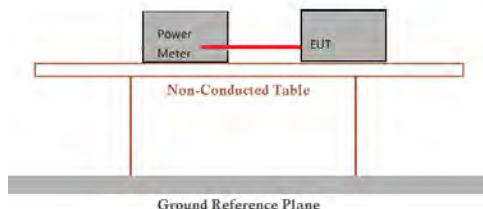
The detailed test data see: **Appendix D**



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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 5.10 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(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). Only the worst case is recorded in the report.	
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	

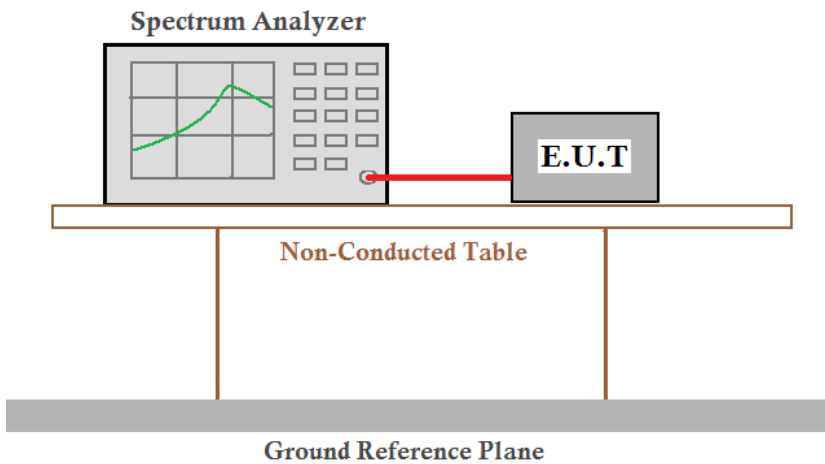
The detailed test data see: **Appendix D**



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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 5.10 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(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

The detailed test data see: **Appendix D**



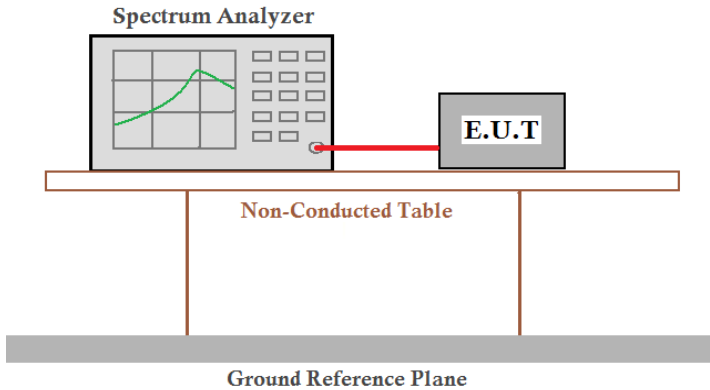
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4.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 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(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5725-5850MHz	At lease 500kHz
Test Results:	Pass	

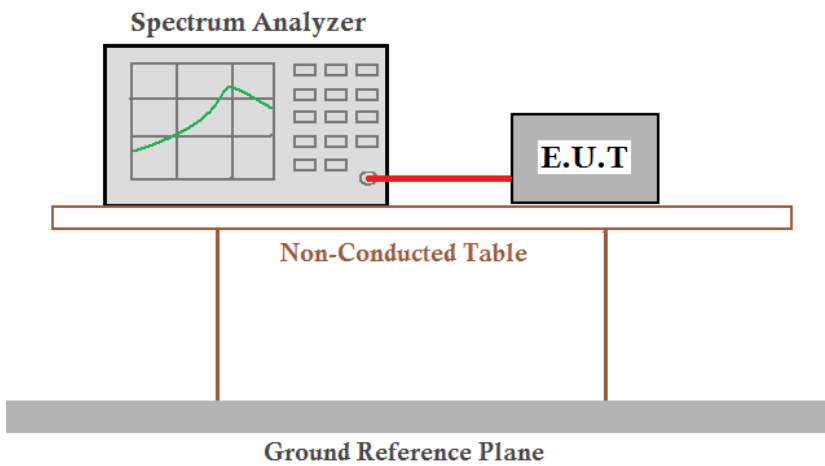
The detailed test data see: **Appendix D**



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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 5.10 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(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

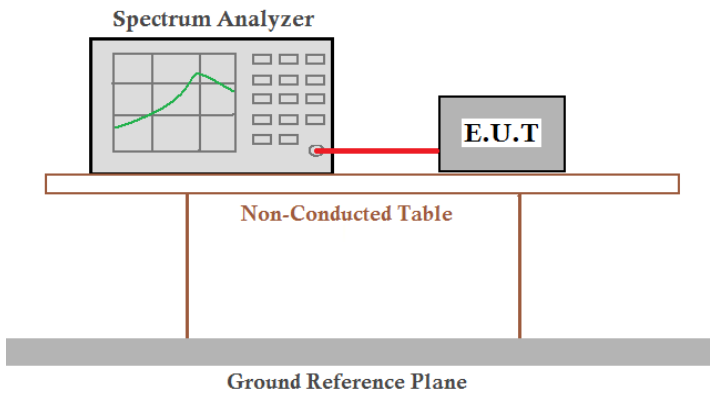
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4.8 Power Spectral Density

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 5.10 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(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). 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 D**



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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:	

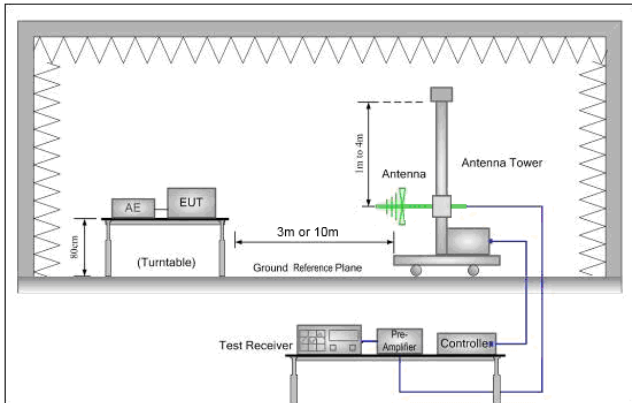


Figure 1. 30MHz to 1GHz

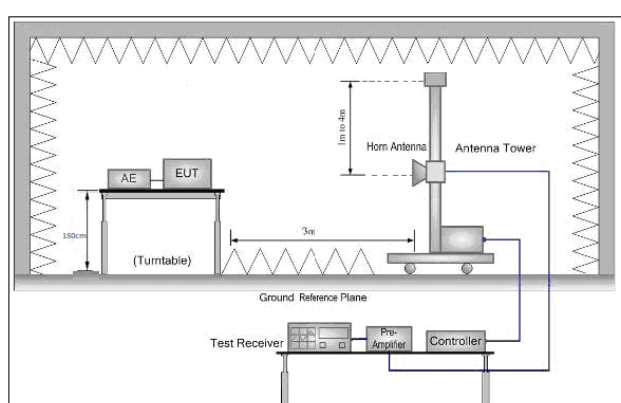


Figure 2. Above 1 GHz

Test Procedure:	- 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. - 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. - 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. - 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. - 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. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Test the EUT in the outermost channels. - 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. - Repeat above procedures until all frequencies measured was complete.
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);



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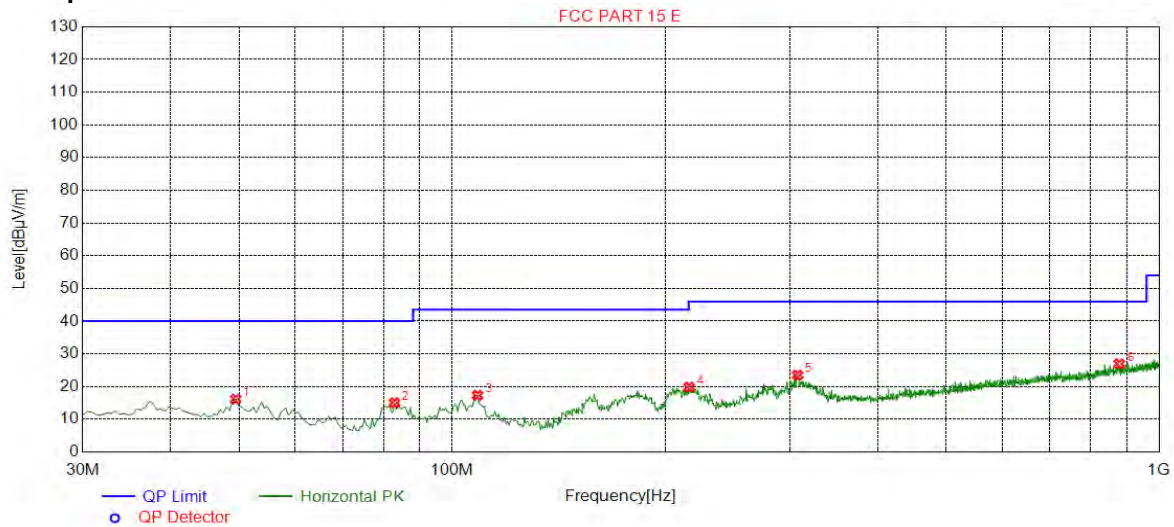
	MCS0 of rate is the worst case of 802.11ac(HT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(HT40)/ax(HE40). MCS0 of rate is the worst case of 802.11ac(HT80)/ax(HE80). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report. For AX OFDM/OFDMA, through Pre-scan, find OFDM is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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4.9.1 Radiated emission below 1GHz

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	49.4097	16.17	40.00	23.83	132	257	Horizontal
2	82.8914	15.03	40.00	24.97	216	326	Horizontal
3	108.6093	17.33	43.50	26.17	226	252	Horizontal
4	216.3332	19.84	46.00	26.16	160	230	Horizontal
5	308.0440	23.54	46.00	22.46	224	326	Horizontal
6	878.2041	26.96	46.00	19.04	160	306	Horizontal

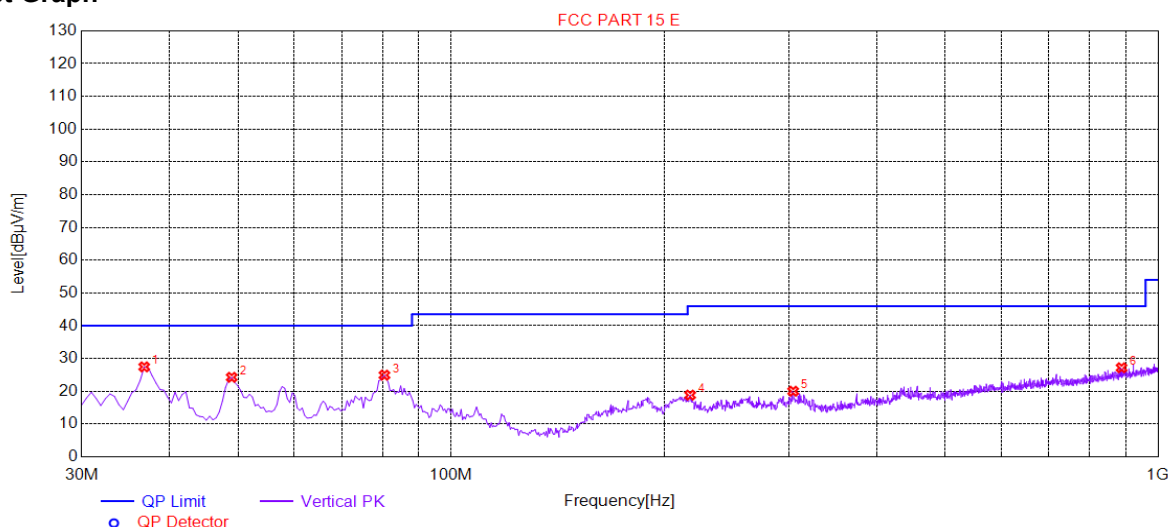
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Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7934	27.47	40.00	12.53	276	157	Vertical
2	48.9245	24.28	40.00	15.72	173	339	Vertical
3	80.4652	24.94	40.00	15.06	162	190	Vertical
4	217.7889	18.85	46.00	27.15	209	297	Vertical
5	304.6473	20.04	46.00	25.96	156	359	Vertical
6	887.9090	27.20	46.00	18.80	245	299	Vertical

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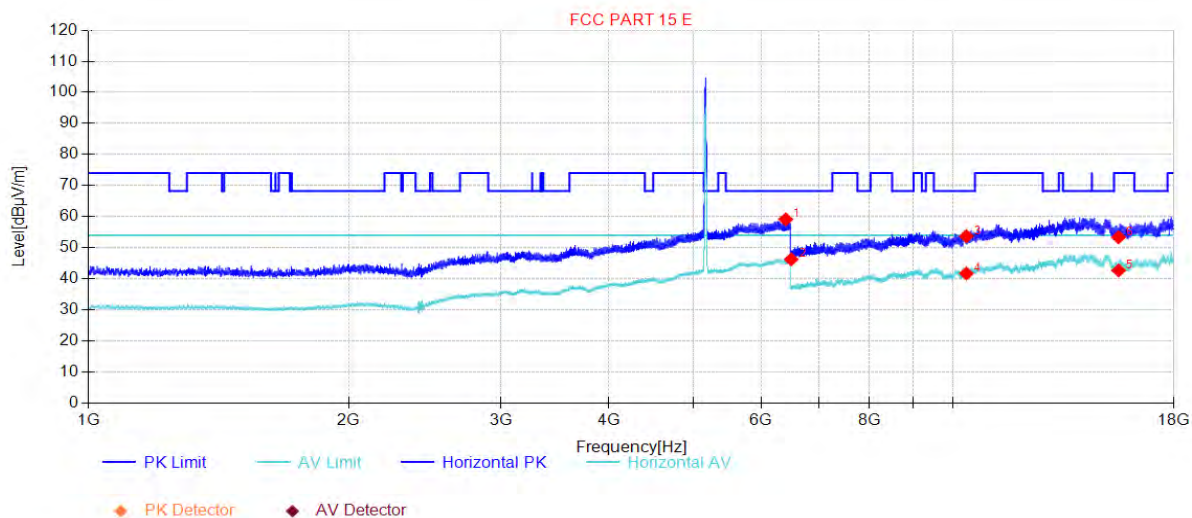
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4.9.2 Transmitter emission above 1GHz 802.11A_Channel 36

4.9.2.1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6403.56	59.13	18.18	68.20	9.07	162	307	Horizontal
2	6497.43	46.21	18.70	54.00	7.79	188	224	Horizontal
3	10360.0	53.68	2.38	68.20	14.52	182	10	Horizontal
4	10360.0	41.67	2.38	54.00	12.33	172	290	Horizontal
5	15540.0	42.67	5.88	54.00	11.33	183	58	Horizontal
6	15540.0	53.35	5.88	74.00	20.65	126	68	Horizontal

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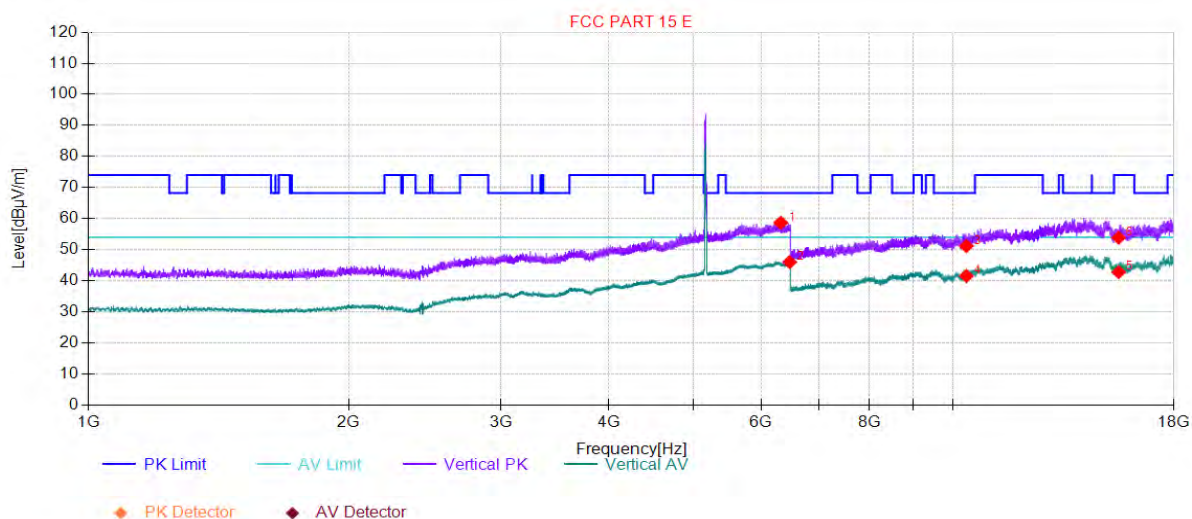
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4.9.2.2 802.11A_Channel 36

Test Graph



Suspected List

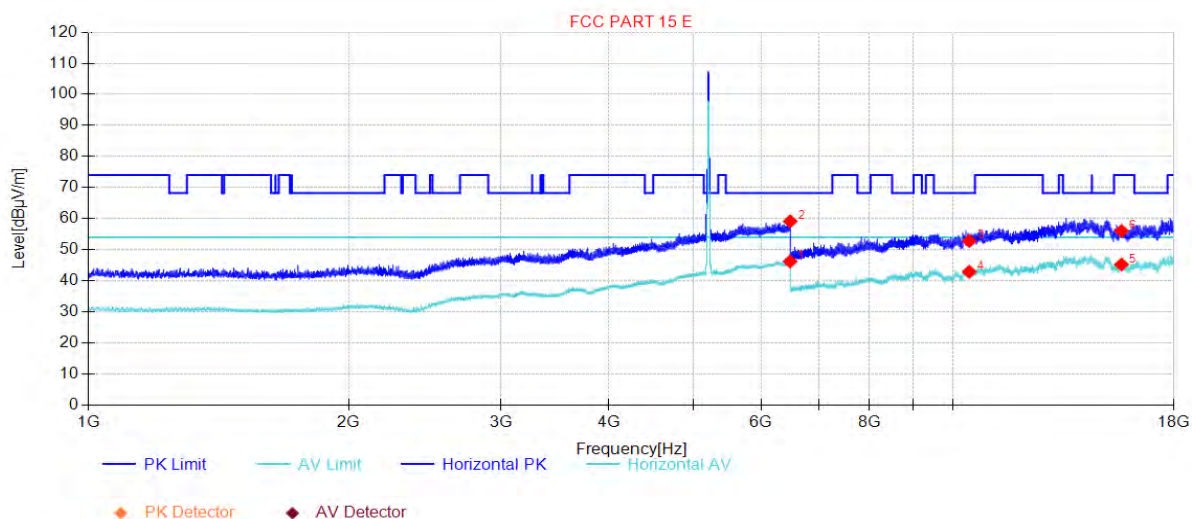
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6319.95	58.66	18.42	68.20	9.54	322	244	Vertical
2	6470.29	46.00	18.55	54.00	8.00	244	279	Vertical
3	10360.0	51.16	2.38	68.20	17.04	256	329	Vertical
4	10360.0	41.50	2.38	54.00	12.50	275	270	Vertical
5	15540.0	42.75	5.88	54.00	11.25	289	280	Vertical
6	15540.0	53.86	5.88	74.00	20.14	274	261	Vertical

Final Data List



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	6478.36	46.20	18.59	54.00	7.80	325	149	Horizontal
2	6481.29	59.12	18.61	68.20	9.08	174	267	Horizontal
3	10440.0	52.80	2.46	68.20	15.40	156	2	Horizontal
4	10440.0	42.87	2.46	54.00	11.13	154	78	Horizontal
5	15660.0	45.20	6.12	54.00	8.80	178	203	Horizontal
6	15660.0	56.02	6.12	74.00	17.98	278	242	Horizontal

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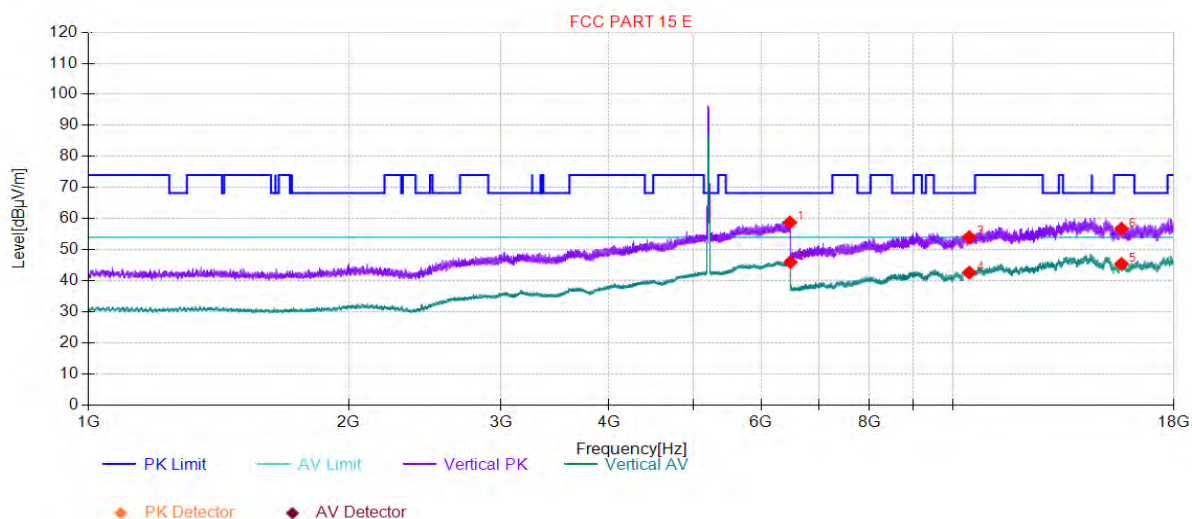
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4.9.2.4 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6476.16	58.75	18.58	68.20	9.45	266	202	Vertical
2	6484.23	45.96	18.63	54.00	8.04	221	353	Vertical
3	10440.0	54.02	2.46	68.20	14.18	245	348	Vertical
4	10440.0	42.61	2.46	54.00	11.39	211	290	Vertical
5	15660.0	45.42	6.12	54.00	8.58	206	97	Vertical
6	15660.0	56.73	6.12	74.00	17.27	269	203	Vertical

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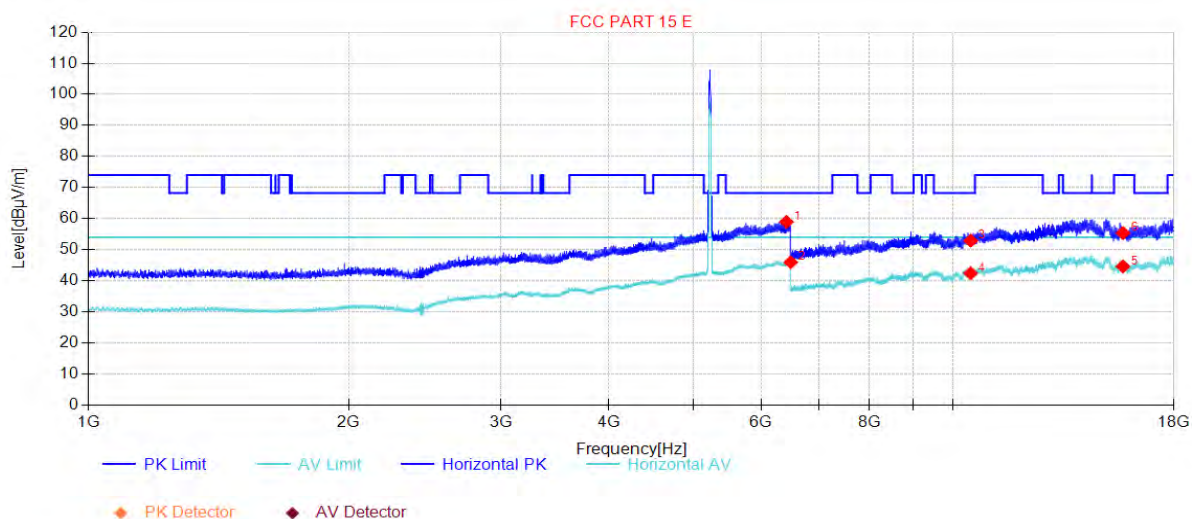
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4.9.2.5 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6415.66	58.94	18.25	68.20	9.26	152	234	Horizontal
2	6490.09	45.94	18.66	54.00	8.06	175	241	Horizontal
3	10480.0	52.87	2.49	68.20	15.33	187	299	Horizontal
4	10480.0	42.39	2.49	54.00	11.61	128	232	Horizontal
5	15720.0	44.58	5.92	54.00	9.42	168	175	Horizontal
6	15720.0	55.33	5.92	74.00	18.67	192	78	Horizontal

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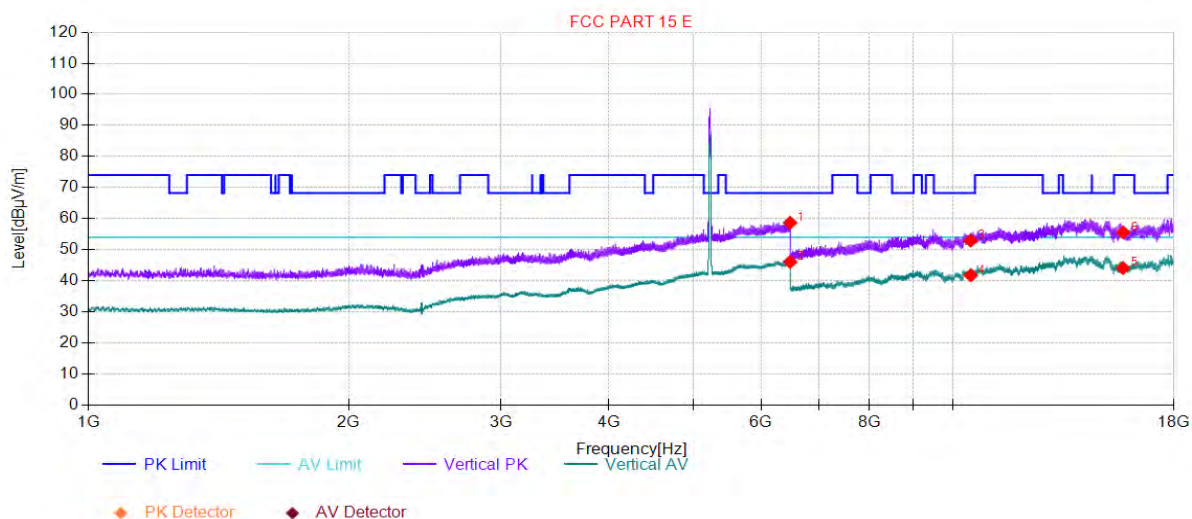
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4.9.2.6 802.11A_Channel 48

Test Graph



Suspected List

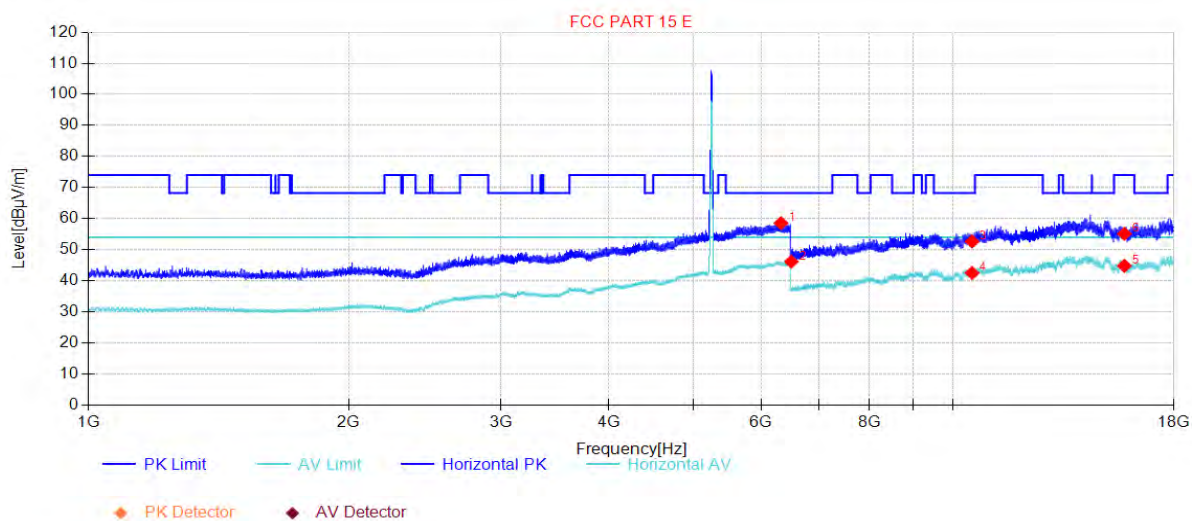
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6477.63	58.64	18.59	68.20	9.56	216	307	Vertical
2	6477.63	46.05	18.59	54.00	7.95	201	68	Vertical
3	10480.0	52.91	2.49	68.20	15.29	255	213	Vertical
4	10480.0	41.75	2.49	54.00	12.25	262	77	Vertical
5	15720.0	44.06	5.92	54.00	9.94	274	97	Vertical
6	15720.0	55.57	5.92	74.00	18.43	281	348	Vertical

Final Data List



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	6323.98	58.52	18.41	68.20	9.68	175	201	Horizontal
2	6499.26	46.13	18.71	54.00	7.87	154	291	Horizontal
3	10520.0	52.61	2.45	68.20	15.59	185	290	Horizontal
4	10520.0	42.48	2.45	54.00	11.52	165	51	Horizontal
5	15780.0	44.78	5.30	54.00	9.22	174	348	Horizontal
6	15780.0	55.10	5.30	74.00	18.90	186	22	Horizontal

Final Data List



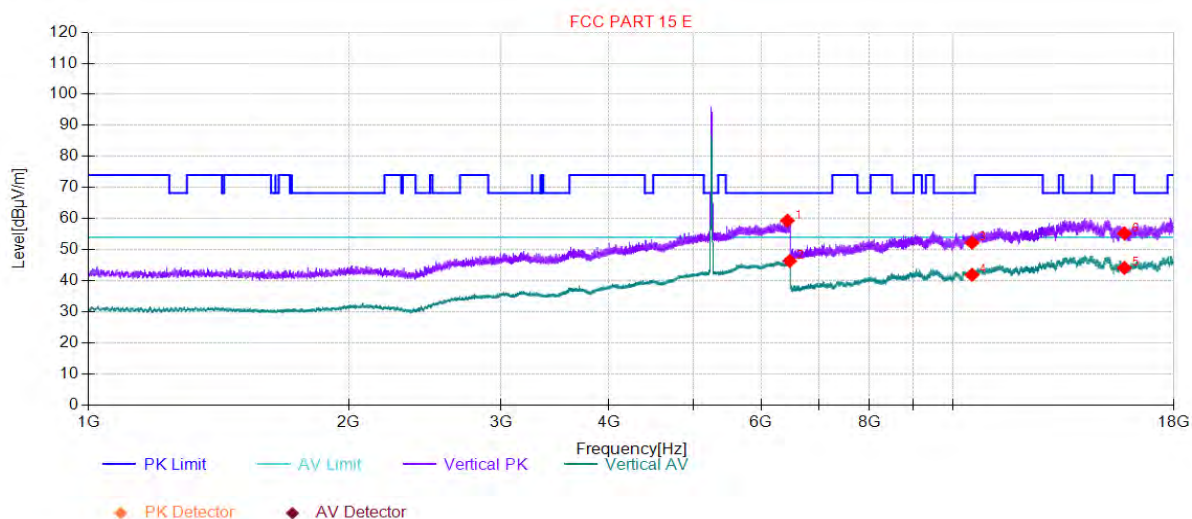
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4.9.2.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6430.32	59.32	18.33	68.20	8.88	137	133	Vertical
2	6471.03	46.34	18.55	54.00	7.66	117	160	Vertical
3	10520.0	52.24	2.45	68.20	15.96	187	202	Vertical
4	10520.0	41.88	2.45	54.00	12.12	174	348	Vertical
5	15780.0	44.12	5.30	54.00	9.88	144	144	Vertical
6	15780.0	55.25	5.30	74.00	18.75	167	271	Vertical

Final Data List



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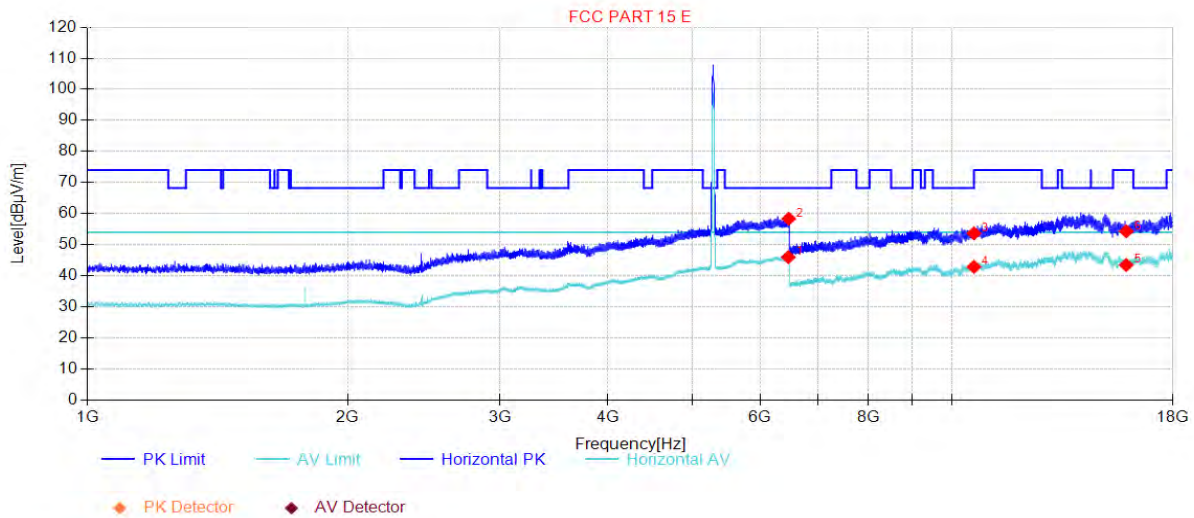
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4.9.2.9 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6465.89	45.96	18.53	54.00	8.04	183	45	Horizontal
2	6472.13	58.35	18.56	68.20	9.85	178	114	Horizontal
3	10600.0	53.65	2.23	74.00	20.35	153	222	Horizontal
4	10600.0	42.82	2.23	54.00	11.18	112	242	Horizontal
5	15900.0	43.46	5.29	54.00	10.54	163	194	Horizontal
6	15900.0	54.29	5.29	74.00	19.71	156	290	Horizontal

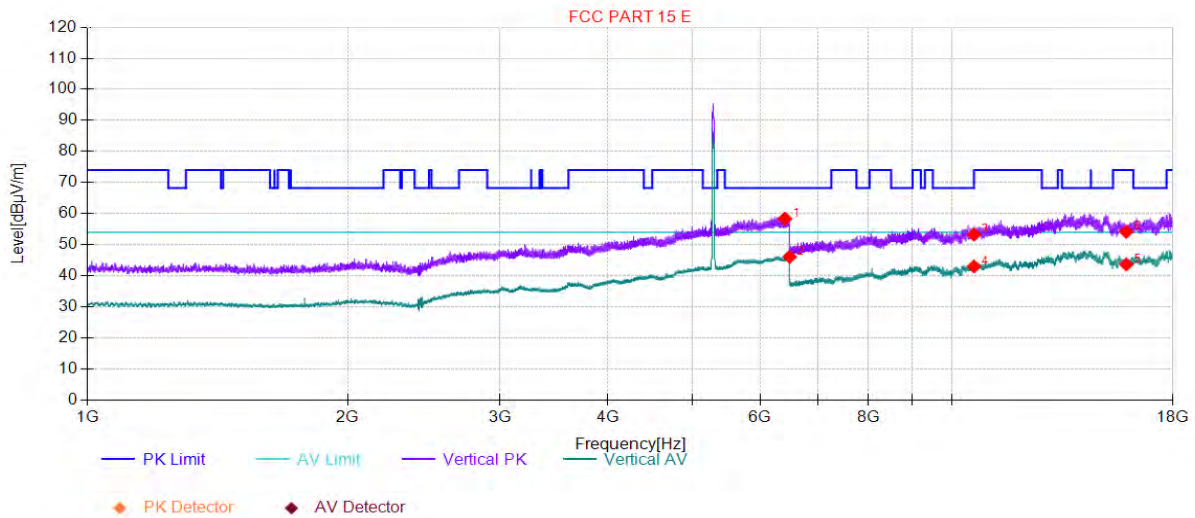
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4.9.2.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6407.22	58.36	18.20	68.20	9.84	254	64	Vertical
2	6488.26	46.08	18.65	54.00	7.92	274	358	Vertical
3	10600.0	53.25	2.23	74.00	20.75	242	20	Vertical
4	10600.0	42.95	2.23	54.00	11.05	285	155	Vertical
5	15900.0	43.64	5.29	54.00	10.36	278	58	Vertical
6	15900.0	54.13	5.29	74.00	19.87	267	184	Vertical

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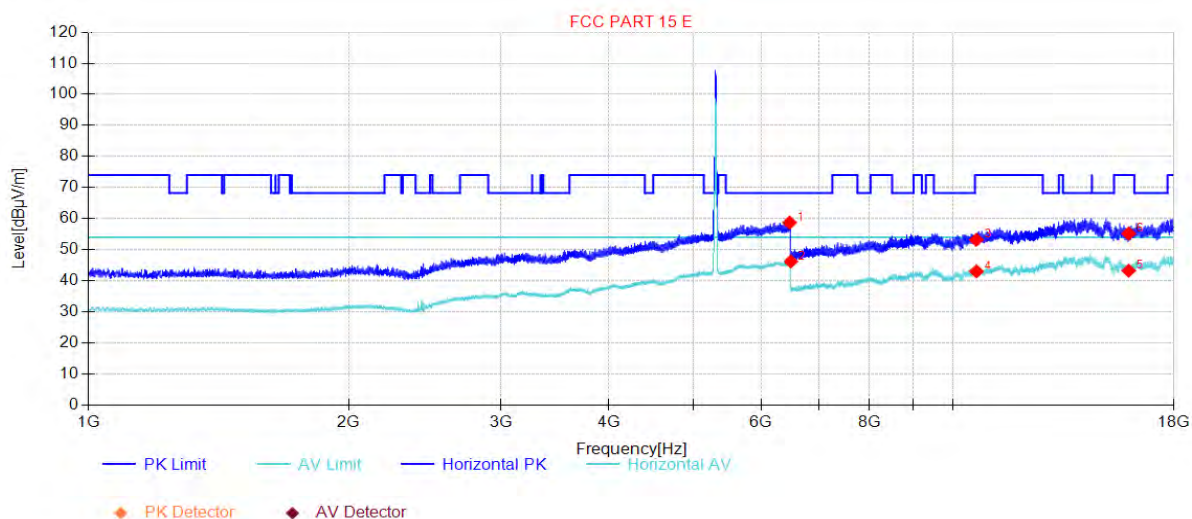
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4.9.2.11 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6469.19	58.71	18.54	68.20	9.49	189	100	Horizontal
2	6491.56	46.18	18.67	54.00	7.82	162	343	Horizontal
3	10640.0	53.17	2.22	74.00	20.83	145	136	Horizontal
4	10640.0	42.97	2.22	54.00	11.03	122	136	Horizontal
5	15960.0	43.22	5.01	54.00	10.78	174	299	Horizontal
6	15960.0	55.20	5.01	74.00	18.80	187	271	Horizontal

Final Data List



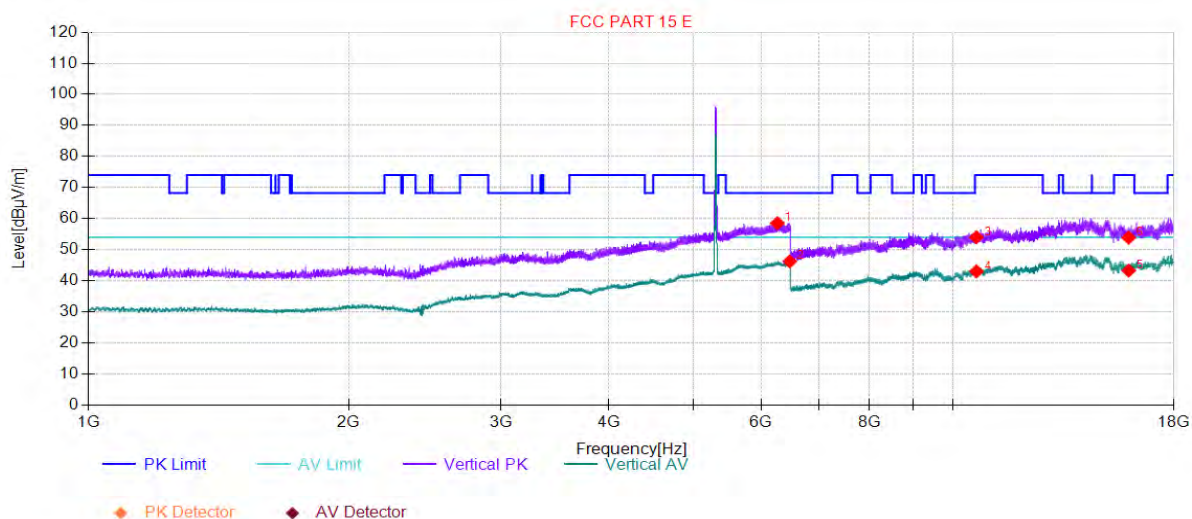
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4.9.2.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6263.85	58.53	18.31	68.20	9.67	255	194	Vertical
2	6472.49	46.19	18.56	54.00	7.81	274	37	Vertical
3	10640.0	53.97	2.22	74.00	20.03	267	2	Vertical
4	10640.0	42.98	2.22	54.00	11.02	286	11	Vertical
5	15960.0	43.25	5.01	54.00	10.75	233	156	Vertical
6	15960.0	53.88	5.01	74.00	20.12	387	357	Vertical

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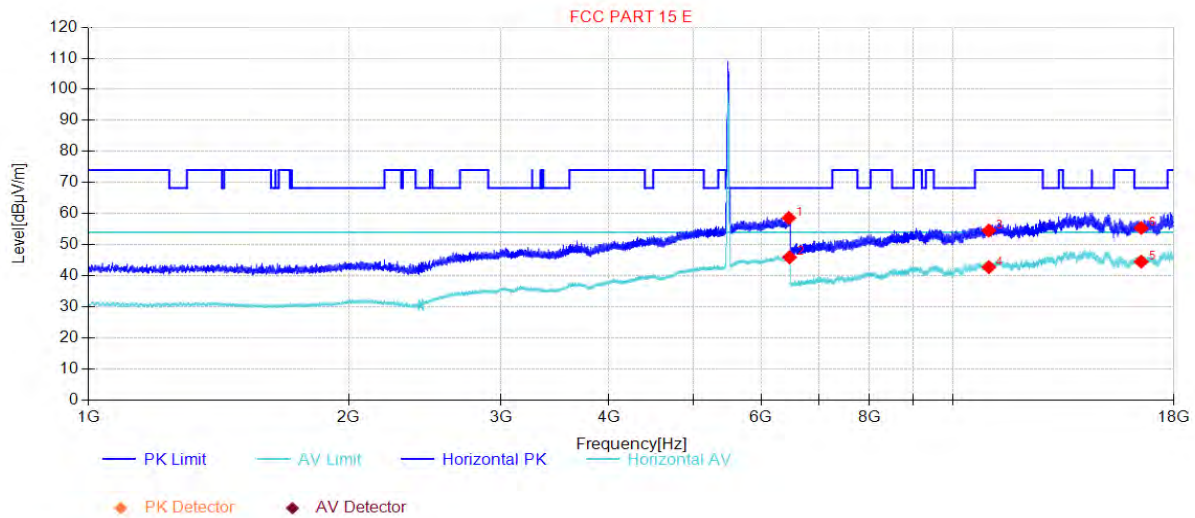
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4.9.2.13 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6455.63	58.59	18.47	68.20	9.61	173	300	Horizontal
2	6468.46	45.92	18.54	54.00	8.08	102	272	Horizontal
3	11000.0	54.53	2.74	74.00	19.47	155	107	Horizontal
4	11000.0	42.74	2.74	54.00	11.26	162	155	Horizontal
5	16500.0	44.51	5.09	54.00	9.49	178	242	Horizontal
6	16500.0	55.36	5.09	68.20	12.84	154	290	Horizontal

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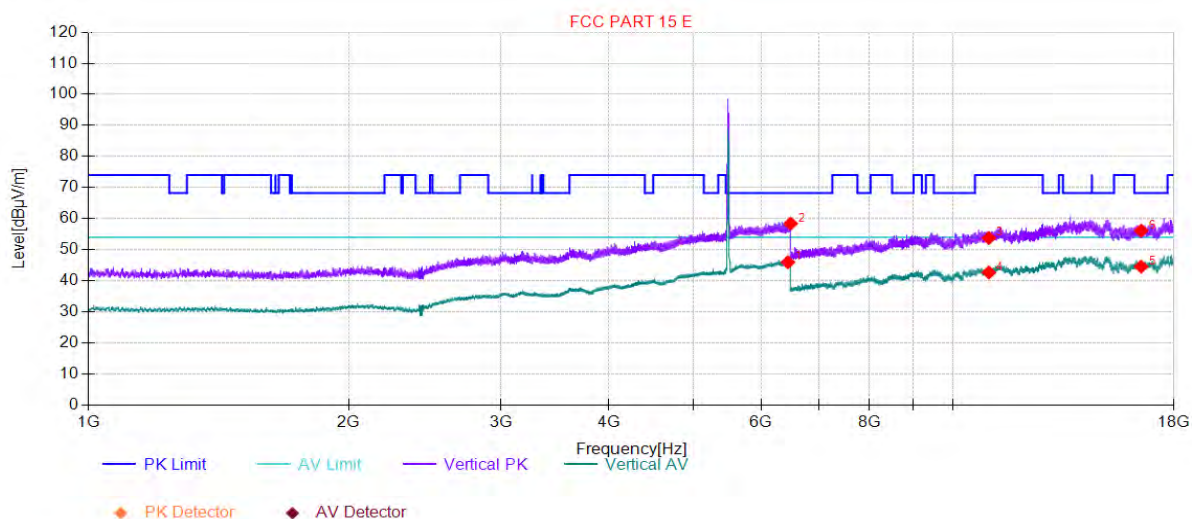
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4.9.2.14 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6440.59	45.96	18.39	54.00	8.04	261	37	Vertical
2	6486.79	58.38	18.64	68.20	9.82	284	291	Vertical
3	11000.0	53.74	2.74	74.00	20.26	255	28	Vertical
4	11000.0	42.63	2.74	54.00	11.37	209	76	Vertical
5	16500.0	44.53	5.09	54.00	9.47	216	320	Vertical
6	16500.0	56.13	5.09	68.20	12.07	266	173	Vertical

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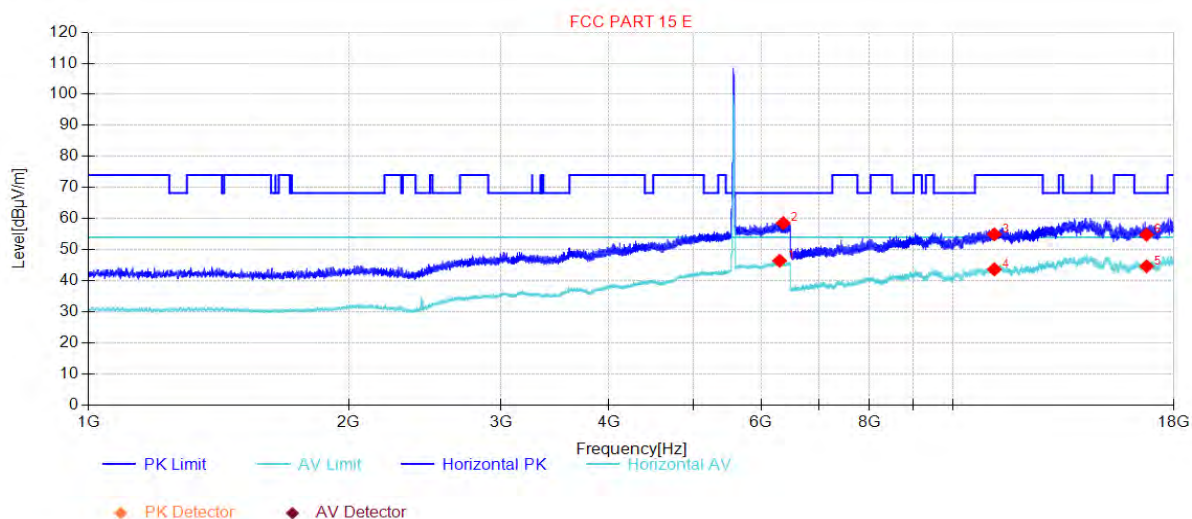
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4.9.2.15 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6300.52	46.42	18.48	54.00	7.58	106	30	Horizontal
2	6361.39	58.55	18.29	68.20	9.65	111	329	Horizontal
3	11160.0	54.91	2.54	74.00	19.09	126	9	Horizontal
4	11160.0	43.65	2.54	54.00	10.35	182	232	Horizontal
5	16740.0	44.62	5.53	54.00	9.38	136	290	Horizontal
6	16740.0	54.82	5.53	68.20	13.38	144	271	Horizontal

Final Data List



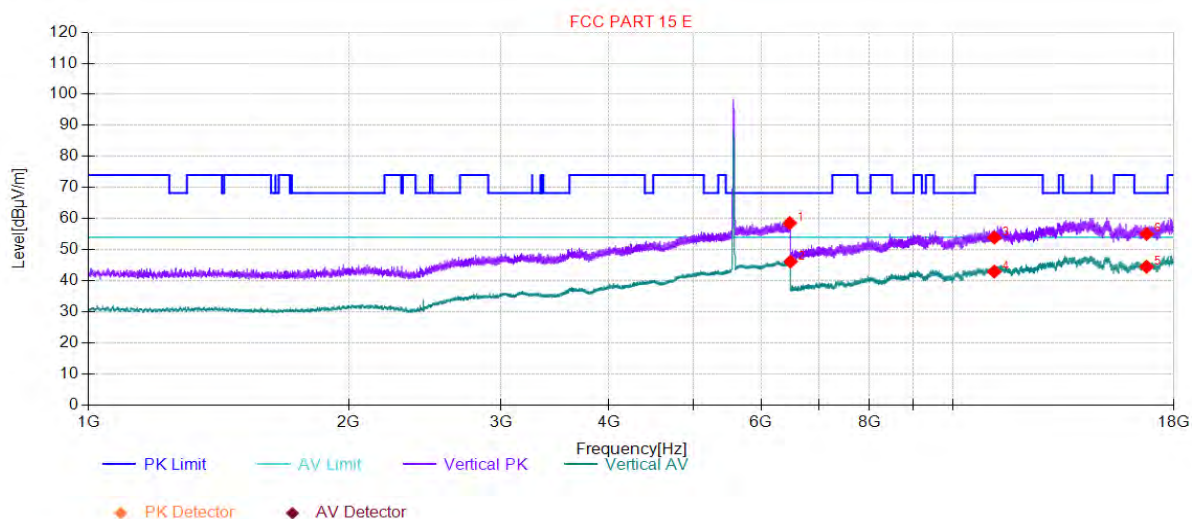
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4.9.2.16 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6472.49	58.56	18.56	68.20	9.64	261	208	Vertical
2	6486.06	46.14	18.64	54.00	7.86	222	160	Vertical
3	11160.0	53.89	2.54	74.00	20.11	296	165	Vertical
4	11160.0	42.92	2.54	54.00	11.08	256	339	Vertical
5	16740.0	44.46	5.53	54.00	9.54	245	68	Vertical
6	16740.0	55.05	5.53	68.20	13.15	285	261	Vertical

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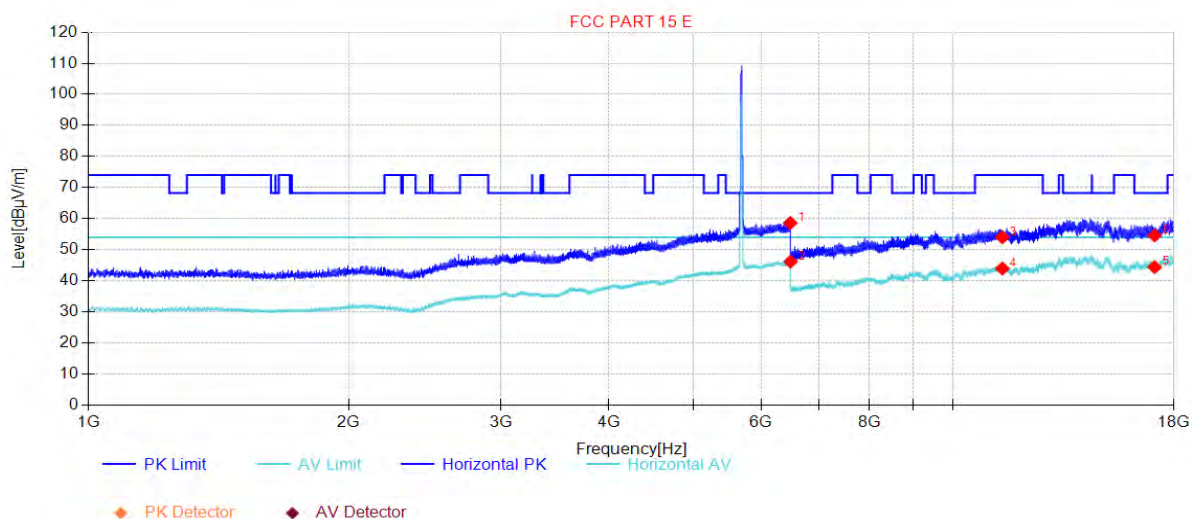
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4.9.2.17 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6482.03	58.58	18.62	68.20	9.62	183	9	Horizontal
2	6485.69	46.13	18.64	54.00	7.87	178	96	Horizontal
3	11400.0	53.97	2.54	74.00	20.03	154	183	Horizontal
4	11400.0	43.91	2.54	54.00	10.09	165	57	Horizontal
5	17100.0	44.38	5.72	54.00	9.62	128	0	Horizontal
6	17100.0	54.55	5.72	68.20	13.65	151	241	Horizontal

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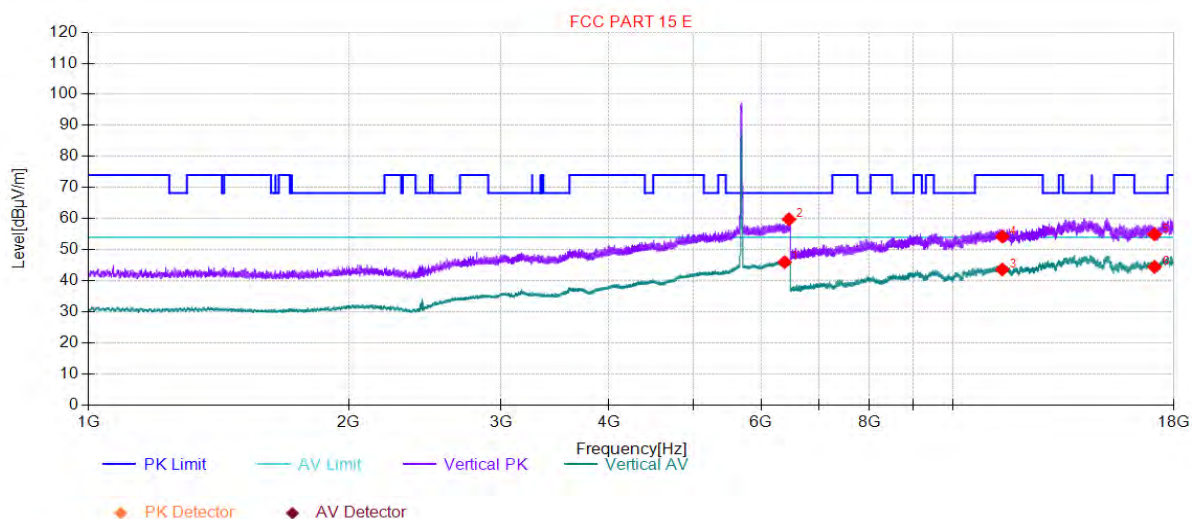
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4.9.2.18 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6385.95	45.99	18.21	54.00	8.01	265	119	Vertical
2	6458.19	59.76	18.48	68.20	8.44	287	181	Vertical
3	11400.0	43.62	2.54	54.00	10.38	245	203	Vertical
4	11400.0	54.19	2.54	74.00	19.81	262	115	Vertical
5	17100.0	54.93	5.72	68.20	13.27	294	241	Vertical
6	17100.0	44.44	5.72	54.00	9.56	253	192	Vertical

Final Data List



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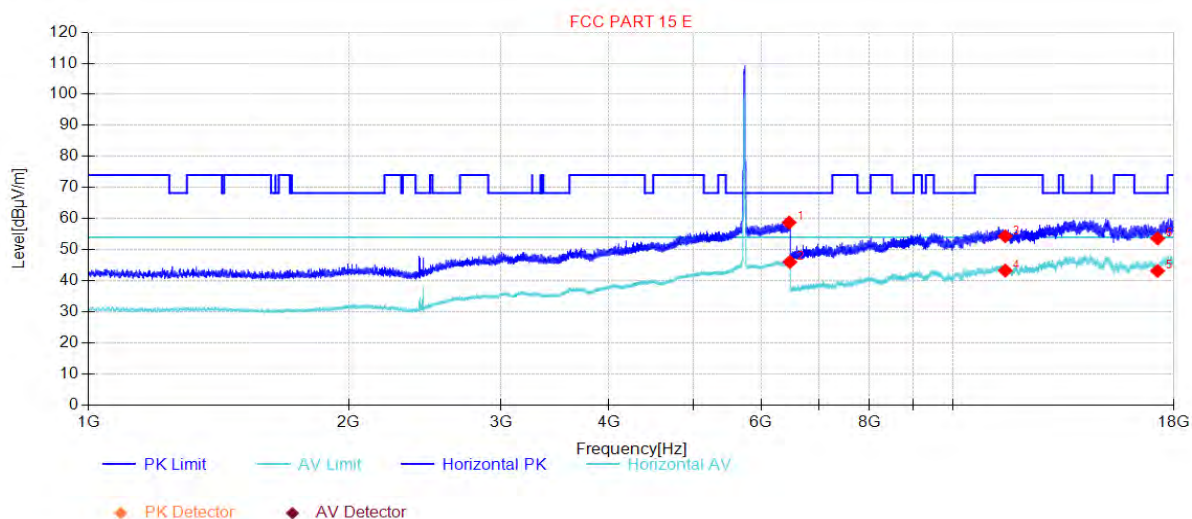
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4.9.2.19 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6460.76	58.72	18.50	68.20	9.48	178	224	Horizontal
2	6474.33	46.03	18.57	54.00	7.97	152	203	Horizontal
3	11490.0	54.30	2.10	74.00	19.70	144	357	Horizontal
4	11490.0	43.26	2.10	54.00	10.74	163	115	Horizontal
5	17235.0	43.15	6.10	54.00	10.85	198	135	Horizontal
6	17235.0	53.60	6.10	68.20	14.60	188	39	Horizontal

Final Data List



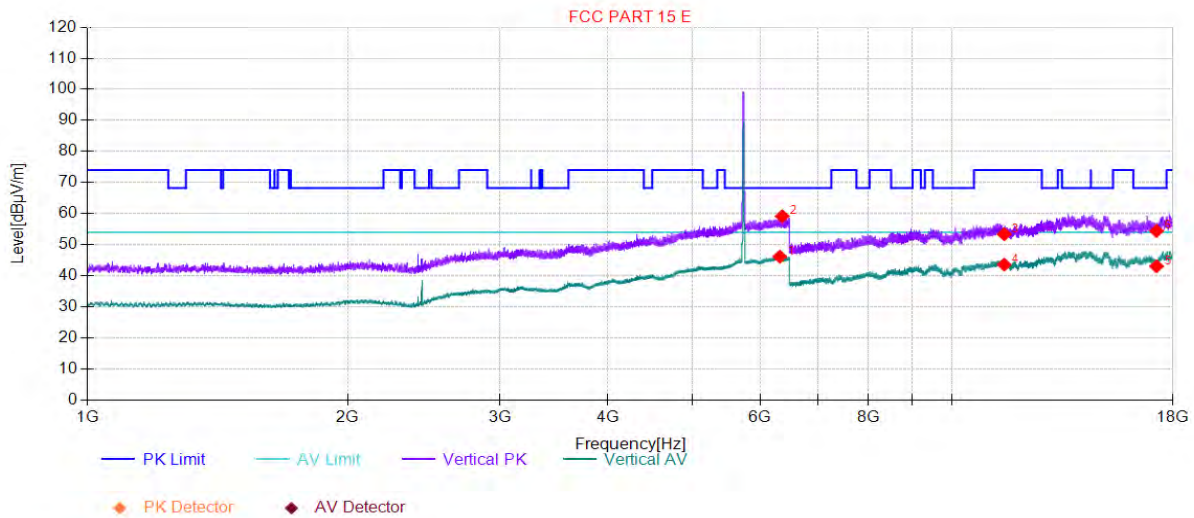
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4.9.2.20 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6320.32	46.12	18.42	54.00	7.88	200	244	Vertical
2	6361.02	59.13	18.29	68.20	9.07	218	305	Vertical
3	11490.0	53.38	2.10	74.00	20.62	263	241	Vertical
4	11490.0	43.56	2.10	54.00	10.44	284	19	Vertical
5	17235.0	43.02	6.10	54.00	10.98	255	1	Vertical
6	17235.0	54.40	6.10	68.20	13.80	265	87	Vertical

Final Data List

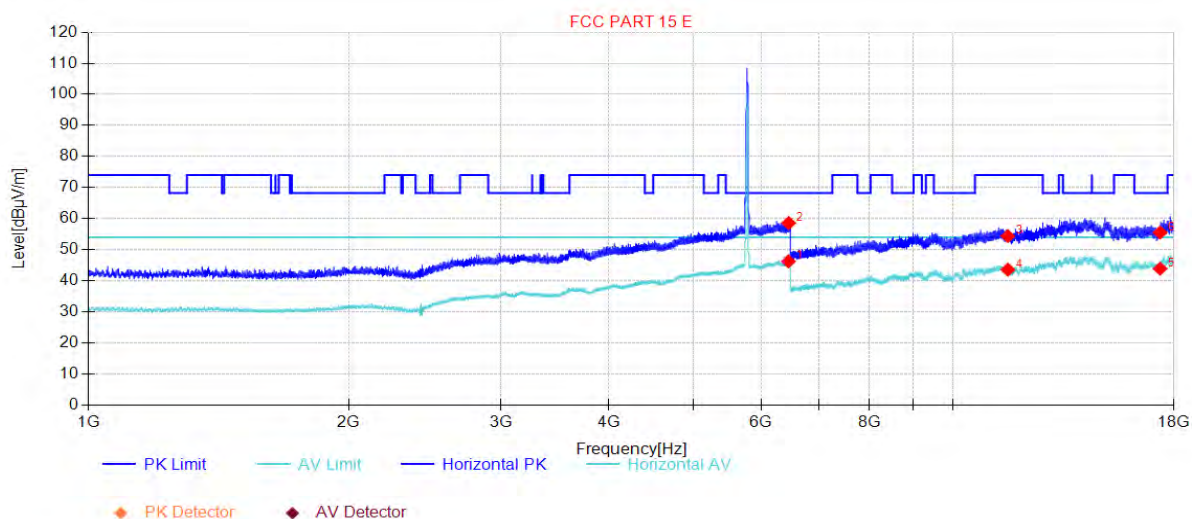


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4.9.2.21 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6449.76	46.23	18.44	54.00	7.77	142	16	Horizontal
2	6454.53	58.56	18.46	68.20	9.64	155	166	Horizontal
3	11570.0	54.34	2.92	74.00	19.66	197	46	Horizontal
4	11570.0	43.54	2.92	54.00	10.46	166	357	Horizontal
5	17355.0	43.87	6.75	54.00	10.13	174	134	Horizontal
6	17355.0	55.50	6.75	68.20	12.70	154	289	Horizontal

Final Data List



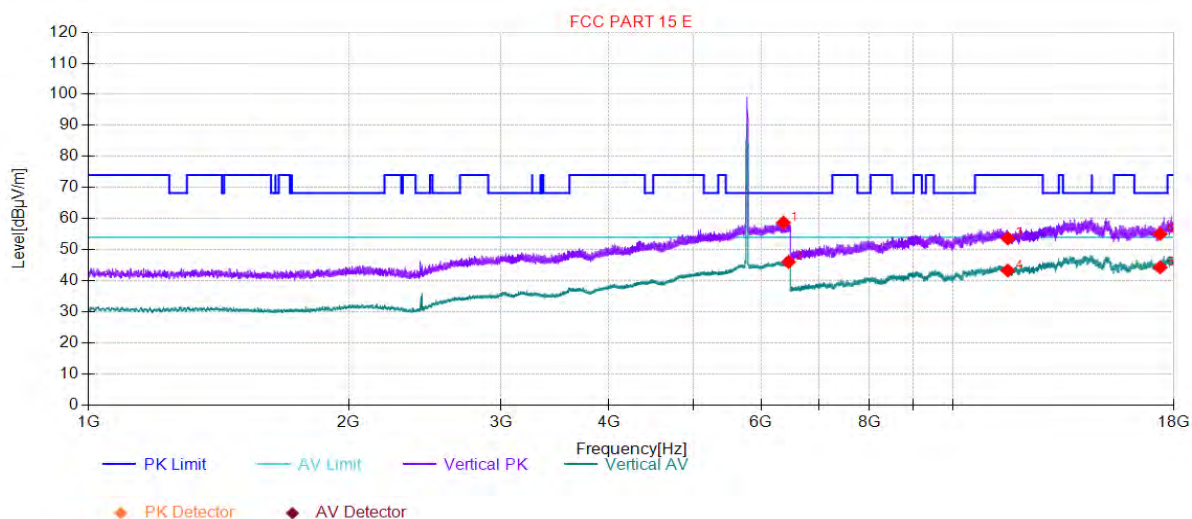
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4.9.2.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6365.05	58.67	18.27	68.20	9.53	262	318	Vertical
2	6450.86	46.05	18.44	54.00	7.95	222	270	Vertical
3	11570.0	53.61	2.92	74.00	20.39	306	108	Vertical
4	11570.0	43.25	2.92	54.00	10.75	284	156	Vertical
5	17355.0	44.29	6.75	54.00	9.71	245	98	Vertical
6	17355.0	55.04	6.75	68.20	13.16	268	136	Vertical

Final Data List



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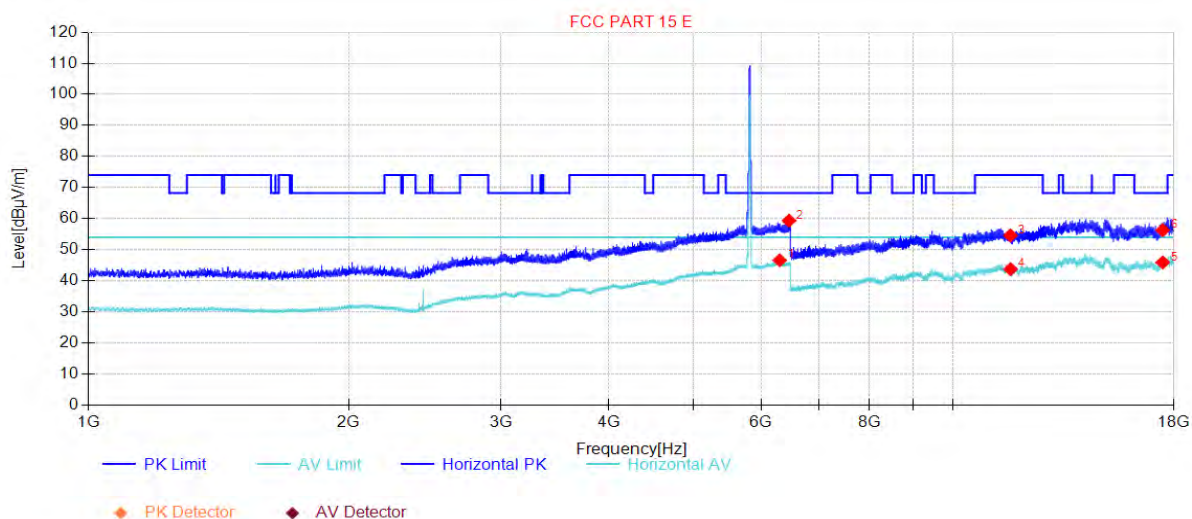
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4.9.2.23 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6300.88	46.55	18.48	54.00	7.45	134	50	Horizontal
2	6460.39	59.31	18.50	68.20	8.89	123	141	Horizontal
3	11650.0	54.57	2.58	74.00	19.43	174	252	Horizontal
4	11650.0	43.70	2.58	54.00	10.30	185	76	Horizontal
5	17475.0	45.87	7.42	54.00	8.13	154	300	Horizontal
6	17475.0	56.25	7.42	68.20	11.95	213	184	Horizontal

Final Data List



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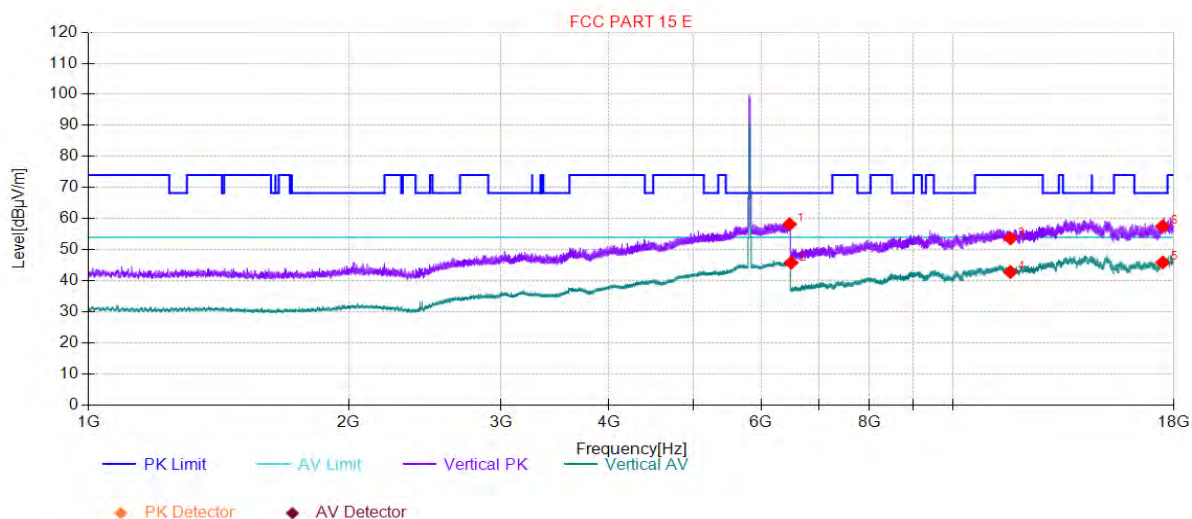
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4.9.2.24 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6469.19	58.17	18.54	68.20	10.03	378	106	Vertical
2	6496.69	45.80	18.70	54.00	8.20	204	134	Vertical
3	11650.0	53.62	2.58	74.00	20.38	289	299	Vertical
4	11650.0	42.78	2.58	54.00	11.22	241	116	Vertical
5	17475.0	45.88	7.42	54.00	8.12	254	164	Vertical
6	17475.0	57.51	7.42	68.20	10.69	212	126	Vertical

Final Data List



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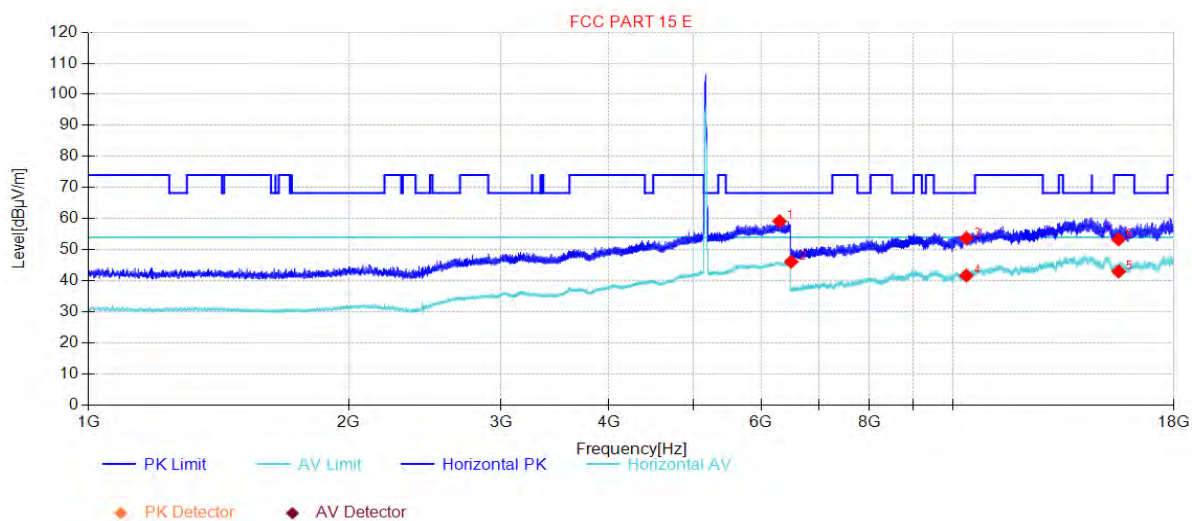
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4.9.2.25 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6299.05	59.14	18.48	68.20	9.06	182	351	Horizontal
2	6497.79	46.11	18.70	54.00	7.89	162	196	Horizontal
3	10360.0	53.69	2.38	68.20	14.51	174	9	Horizontal
4	10360.0	41.61	2.38	54.00	12.39	122	221	Horizontal
5	15540.0	42.93	5.88	54.00	11.07	158	251	Horizontal
6	15540.0	53.27	5.88	74.00	20.73	136	37	Horizontal

Final Data List



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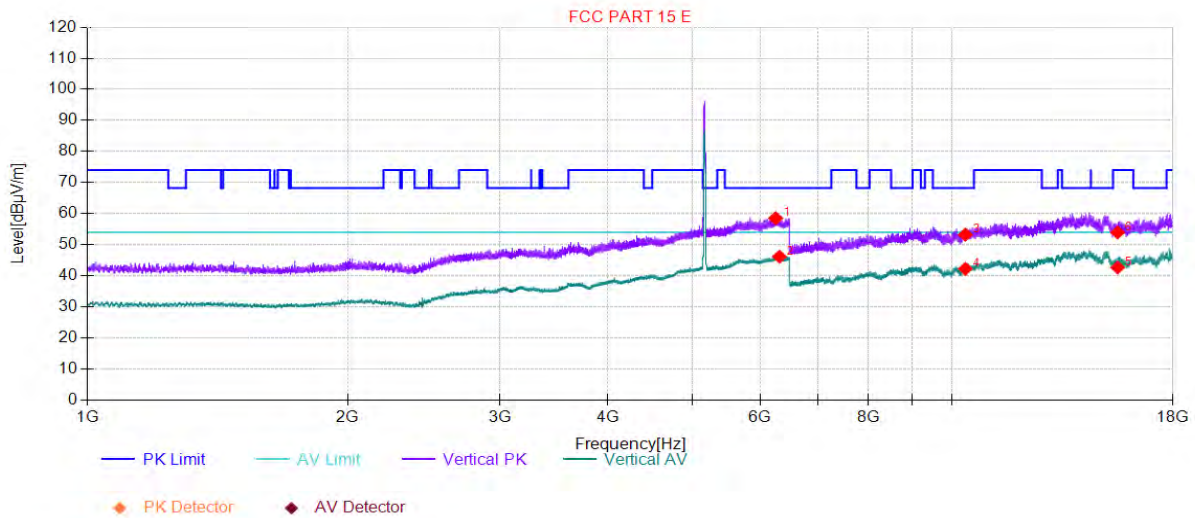
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4.9.2.26 802.11N20_Channel 36

Test Graph



Suspected List

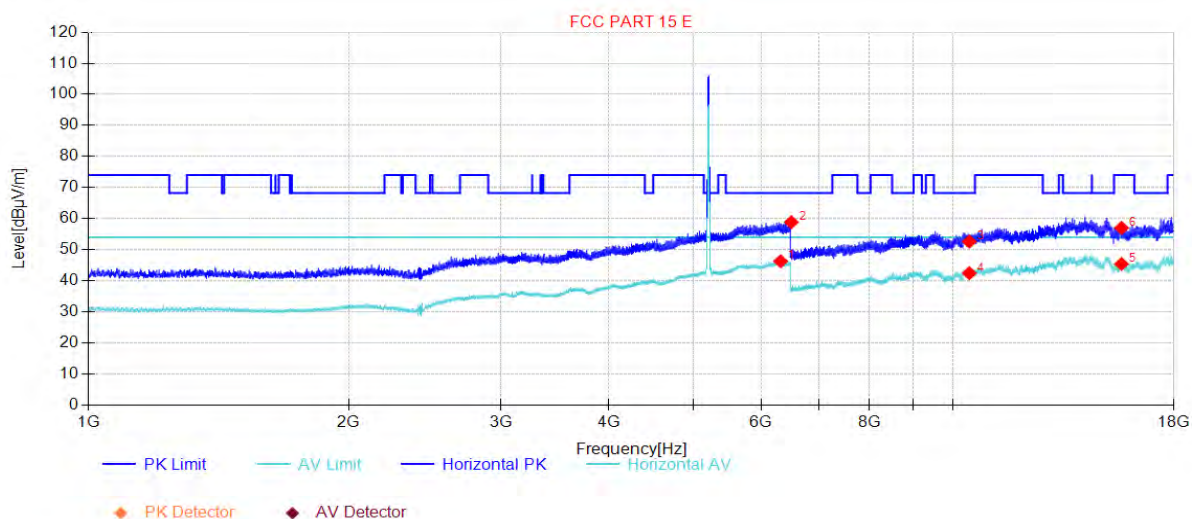
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6249.91	58.48	18.24	68.20	9.72	385	222	Vertical
2	6314.45	46.12	18.44	54.00	7.88	106	229	Vertical
3	10360.0	53.19	2.38	68.20	15.01	185	49	Vertical
4	10360.0	42.23	2.38	54.00	11.77	265	184	Vertical
5	15540.0	42.64	5.88	54.00	11.36	231	126	Vertical
6	15540.0	53.93	5.88	74.00	20.07	294	136	Vertical

Final Data List



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	6317.38	46.24	18.43	54.00	7.76	141	157	Horizontal
2	6499.63	58.83	18.71	68.20	9.37	154	50	Horizontal
3	10440.0	52.59	2.46	68.20	15.61	186	59	Horizontal
4	10440.0	42.41	2.46	54.00	11.59	173	97	Horizontal
5	15660.0	45.36	6.12	54.00	8.64	110	329	Horizontal
6	15660.0	56.96	6.12	74.00	17.04	162	338	Horizontal

Final Data List



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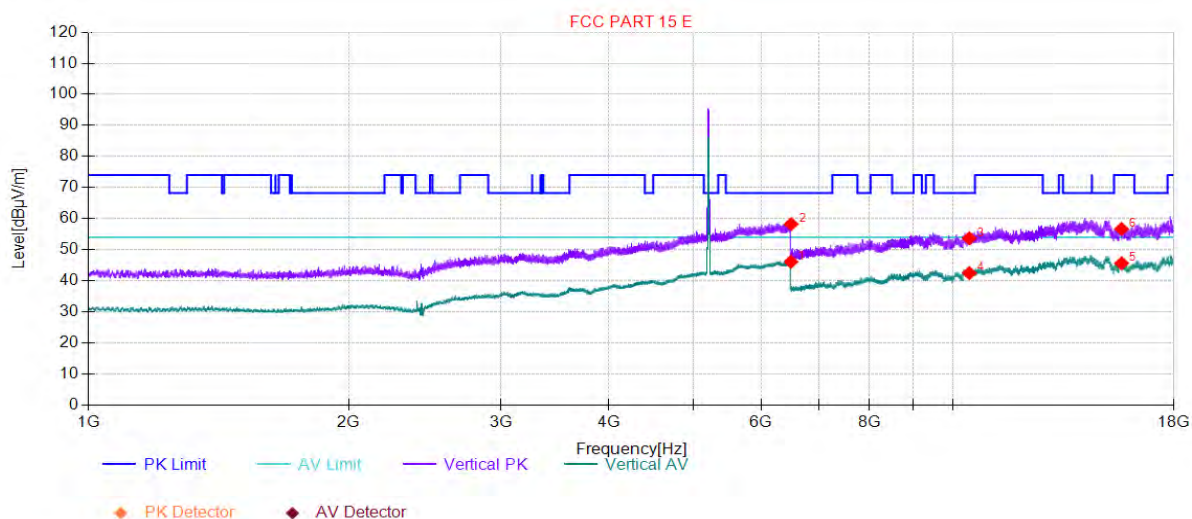
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4.9.2.28 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6493.76	46.08	18.68	54.00	7.92	356	140	Vertical
2	6497.06	58.22	18.70	68.20	9.98	365	222	Vertical
3	10440.0	53.63	2.46	68.20	14.57	236	194	Vertical
4	10440.0	42.44	2.46	54.00	11.56	386	271	Vertical
5	15660.0	45.58	6.12	54.00	8.42	274	223	Vertical
6	15660.0	56.66	6.12	74.00	17.34	255	252	Vertical

Final Data List



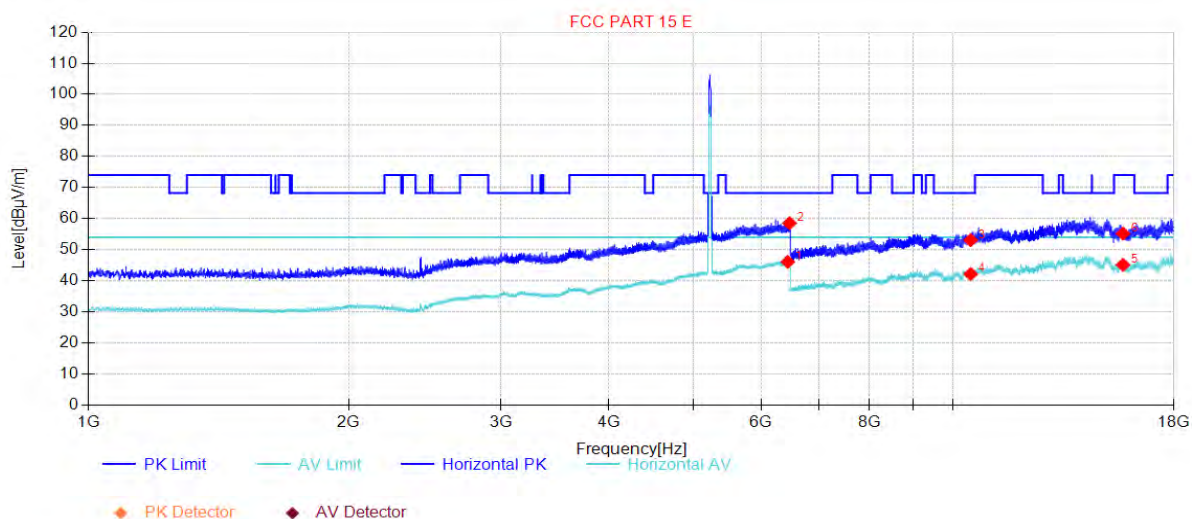
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4.9.2.29 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6437.29	46.07	18.37	54.00	7.93	187	358	Horizontal
2	6468.83	58.53	18.54	68.20	9.67	155	51	Horizontal
3	10480.0	53.07	2.49	68.20	15.13	175	271	Horizontal
4	10480.0	42.15	2.49	54.00	11.85	178	29	Horizontal
5	15720.0	45.07	5.92	54.00	8.93	149	10	Horizontal
6	15720.0	55.17	5.92	74.00	18.83	196	106	Horizontal

Final Data List



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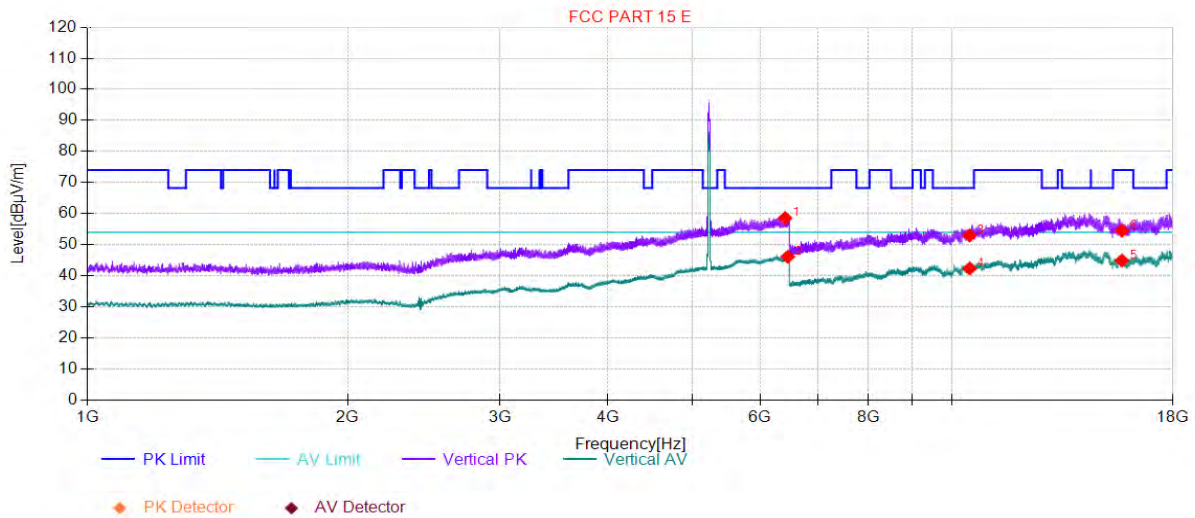
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4.9.2.30 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6407.96	58.54	18.20	68.20	9.66	206	193	Vertical
2	6456.73	46.11	18.47	54.00	7.89	211	139	Vertical
3	10480.0	52.96	2.49	68.20	15.24	328	319	Vertical
4	10480.0	42.34	2.49	54.00	11.66	272	29	Vertical
5	15720.0	44.89	5.92	54.00	9.11	287	68	Vertical
6	15720.0	54.52	5.92	74.00	19.48	265	137	Vertical

Final Data List



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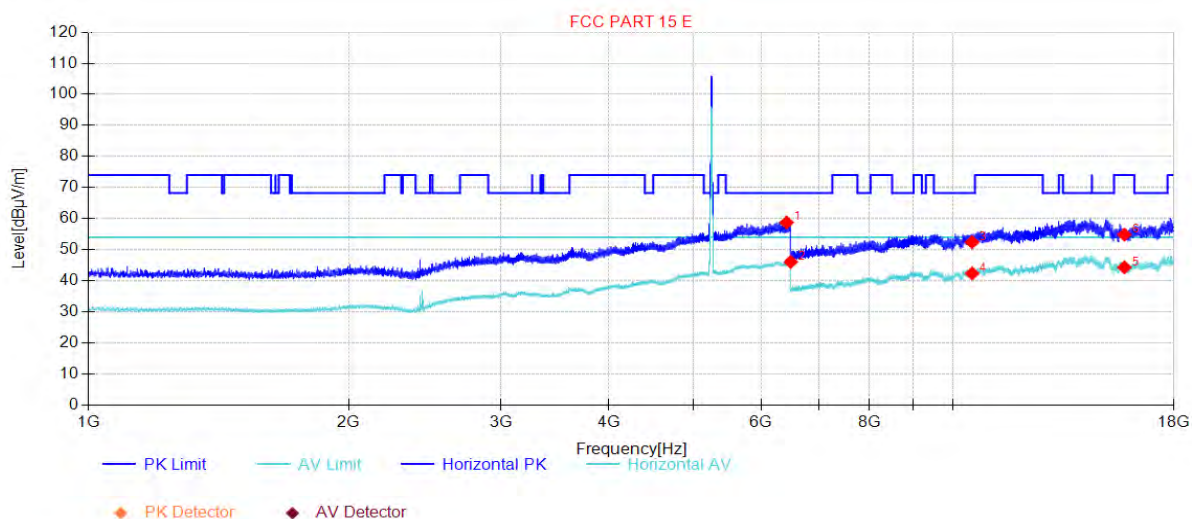
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4.9.2.31 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6417.86	58.73	18.26	68.20	9.47	111	270	Horizontal
2	6488.26	46.05	18.65	54.00	7.95	106	139	Horizontal
3	10520.0	52.40	2.45	68.20	15.80	155	126	Horizontal
4	10520.0	42.34	2.45	54.00	11.66	162	357	Horizontal
5	15780.0	44.28	5.30	54.00	9.72	174	19	Horizontal
6	15780.0	54.82	5.30	74.00	19.18	185	329	Horizontal

Final Data List



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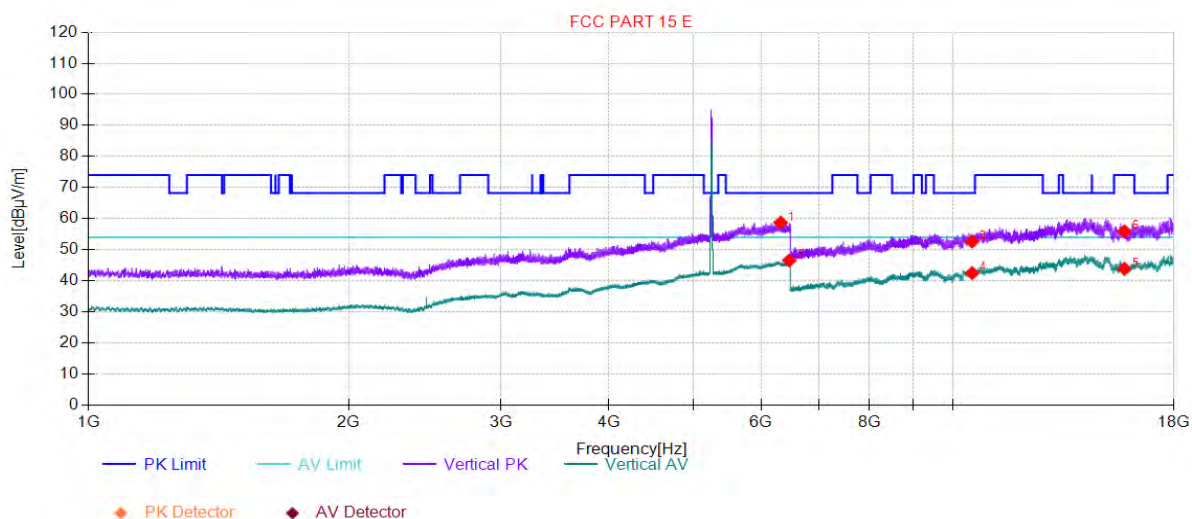
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4.9.2.32 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6317.02	58.71	18.43	68.20	9.49	207	348	Vertical
2	6462.96	46.51	18.51	54.00	7.49	222	149	Vertical
3	10520.0	52.60	2.45	68.20	15.60	238	348	Vertical
4	10520.0	42.45	2.45	54.00	11.55	295	251	Vertical
5	15780.0	43.84	5.30	54.00	10.16	284	192	Vertical
6	15780.0	55.92	5.30	74.00	18.08	277	183	Vertical

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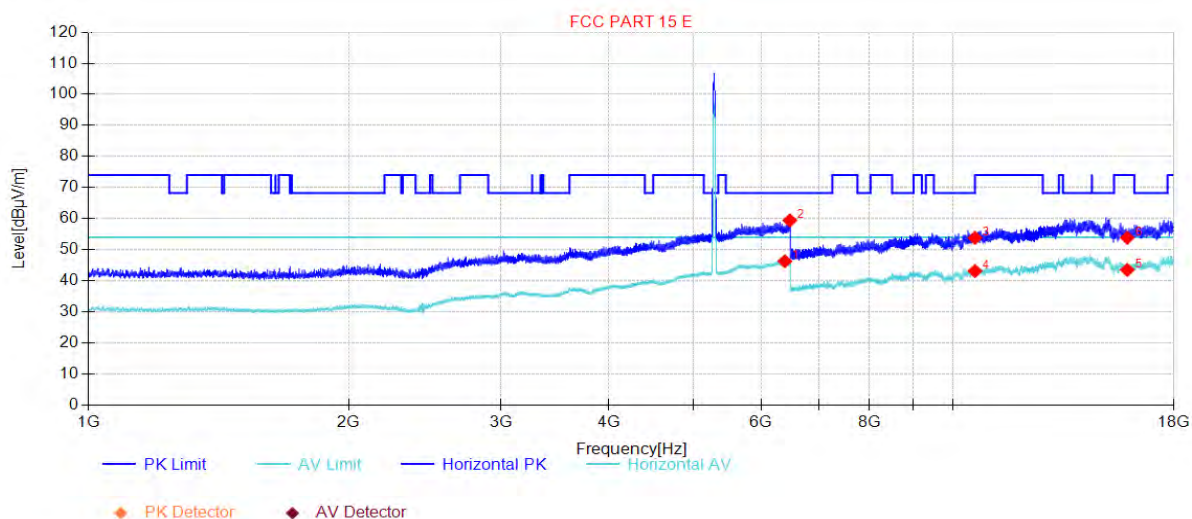
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4.9.2.33 802.11N20_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6388.15	46.27	18.20	54.00	7.73	152	149	Horizontal
2	6475.06	59.41	18.58	68.20	8.79	122	127	Horizontal
3	10600.0	53.79	2.23	74.00	20.21	135	87	Horizontal
4	10600.0	43.10	2.23	54.00	10.90	174	203	Horizontal
5	15900.0	43.48	5.29	54.00	10.52	166	29	Horizontal
6	15900.0	53.81	5.29	74.00	20.19	178	232	Horizontal

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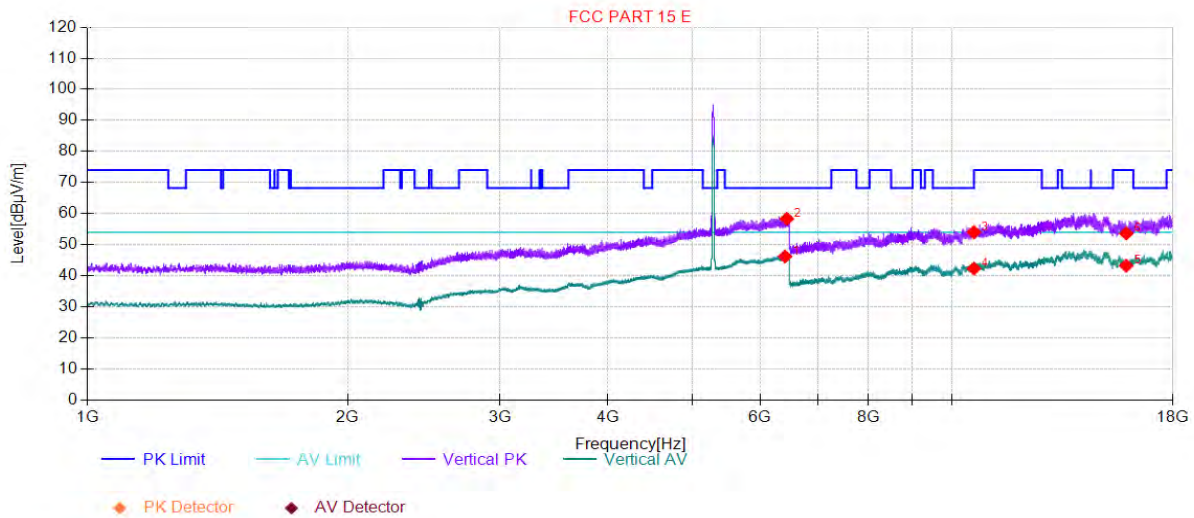
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4.9.2.34 802.11N20_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6407.59	46.18	18.20	54.00	7.82	287	358	Vertical
2	6439.86	58.33	18.38	68.20	9.87	262	270	Vertical
3	10600.0	54.01	2.23	74.00	19.99	278	348	Vertical
4	10600.0	42.29	2.23	54.00	11.71	296	77	Vertical
5	15900.0	43.23	5.29	54.00	10.77	228	339	Vertical
6	15900.0	53.60	5.29	74.00	20.40	388	348	Vertical

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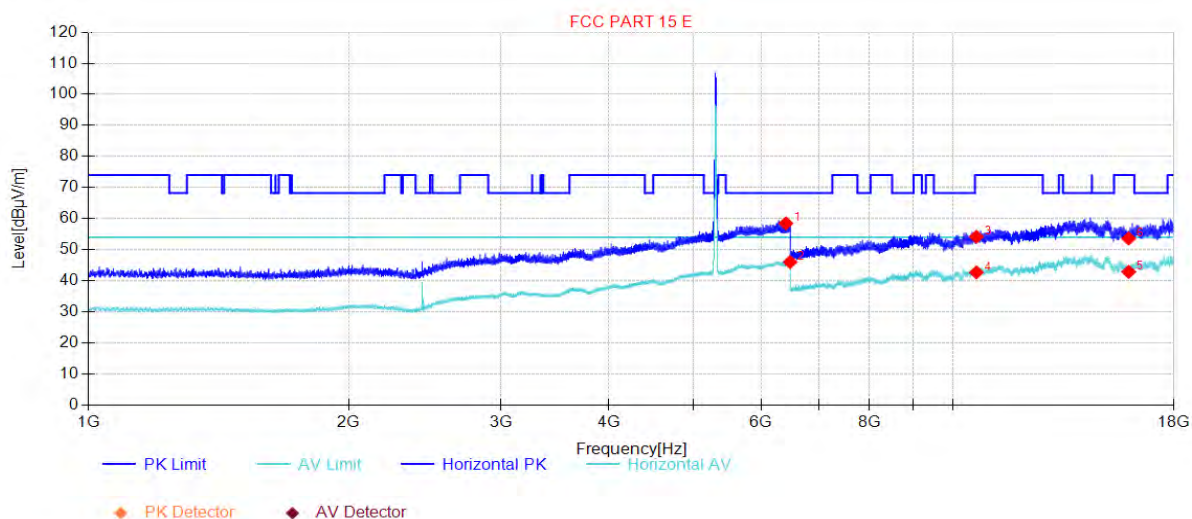
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4.9.2.35 802.11N20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6407.22	58.45	18.20	68.20	9.75	164	157	Horizontal
2	6477.99	46.01	18.59	54.00	7.99	178	150	Horizontal
3	10640.0	54.14	2.22	74.00	19.86	186	66	Horizontal
4	10640.0	42.68	2.22	54.00	11.32	154	114	Horizontal
5	15960.0	42.86	5.01	54.00	11.14	168	309	Horizontal
6	15960.0	53.59	5.01	74.00	20.41	189	66	Horizontal

Final Data List



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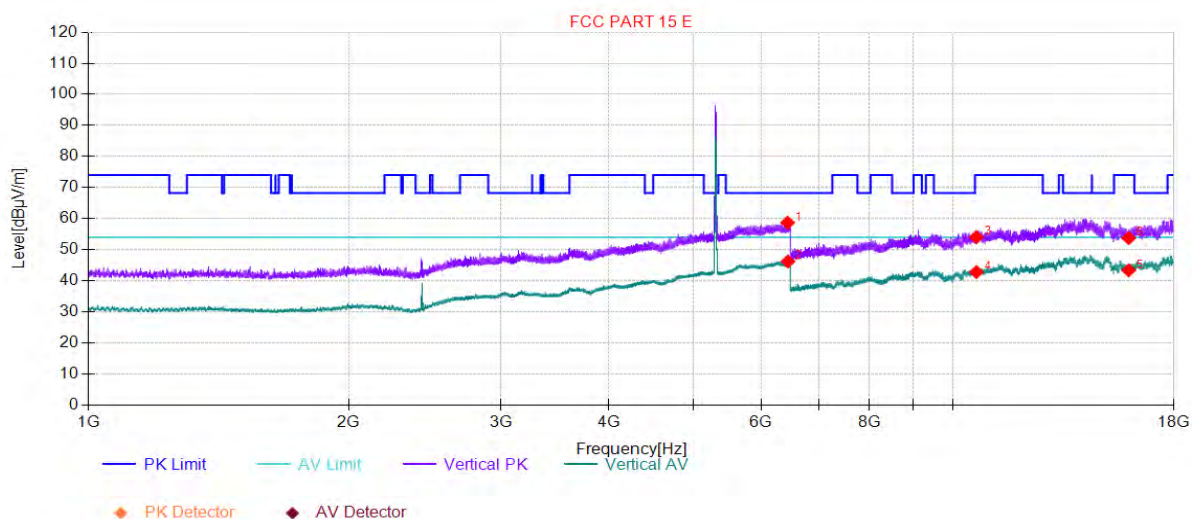
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4.9.2.36 802.11N20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6436.19	58.68	18.36	68.20	9.52	287	3	Vertical
2	6442.06	46.20	18.39	54.00	7.80	266	132	Vertical
3	10640.0	54.04	2.22	74.00	19.96	274	242	Vertical
4	10640.0	42.79	2.22	54.00	11.21	285	18	Vertical
5	15960.0	43.35	5.01	54.00	10.65	232	116	Vertical
6	15960.0	53.72	5.01	74.00	20.28	298	252	Vertical

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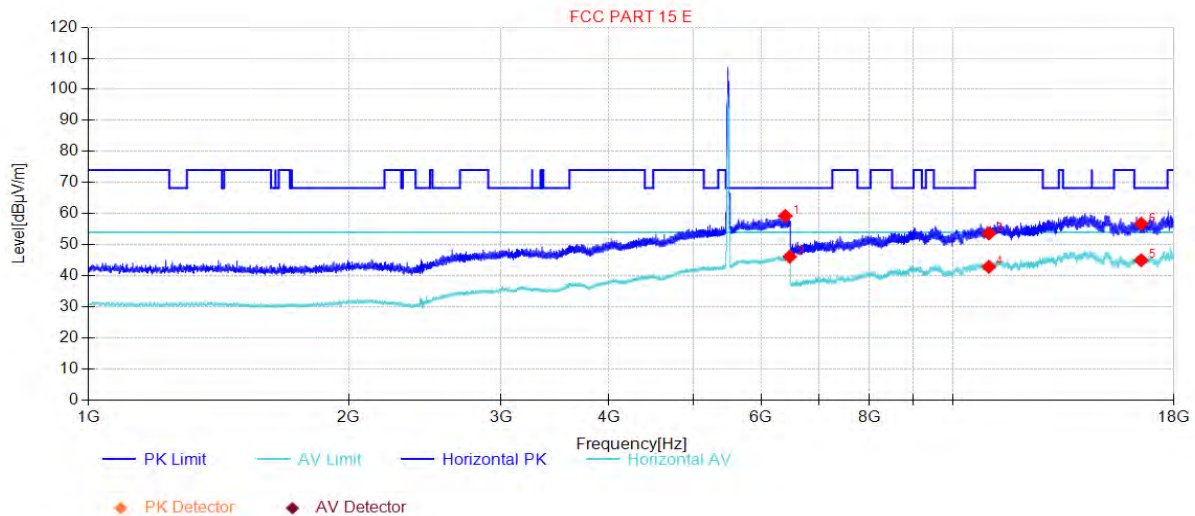
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4.9.2.37 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6395.49	59.21	18.17	68.20	8.99	171	205	Horizontal
2	6471.03	46.10	18.55	54.00	7.90	156	354	Horizontal
3	11000.0	53.61	2.74	74.00	20.39	145	348	Horizontal
4	11000.0	42.86	2.74	54.00	11.14	136	357	Horizontal
5	16500.0	44.96	5.09	54.00	9.04	175	136	Horizontal
6	16500.0	56.75	5.09	68.20	11.45	245	156	Horizontal

Final Data List



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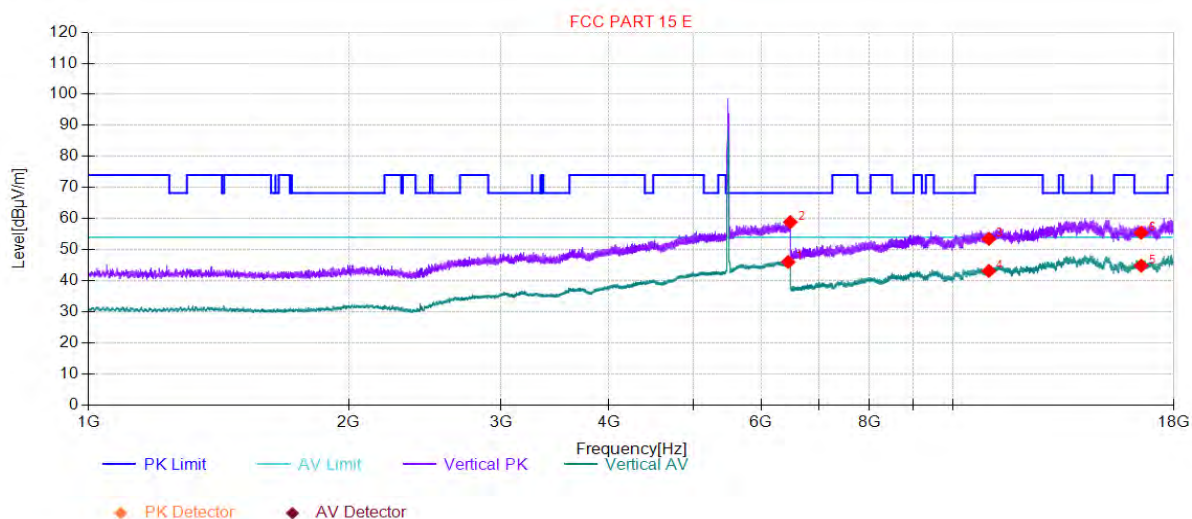
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4.9.2.38 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6444.99	46.03	18.41	54.00	7.97	201	71	Vertical
2	6482.03	58.85	18.62	68.20	9.35	213	9	Vertical
3	11000.0	53.45	2.74	74.00	20.55	321	18	Vertical
4	11000.0	43.13	2.74	54.00	10.87	257	290	Vertical
5	16500.0	44.81	5.09	54.00	9.19	268	125	Vertical
6	16500.0	55.42	5.09	68.20	12.78	275	87	Vertical

Final Data List



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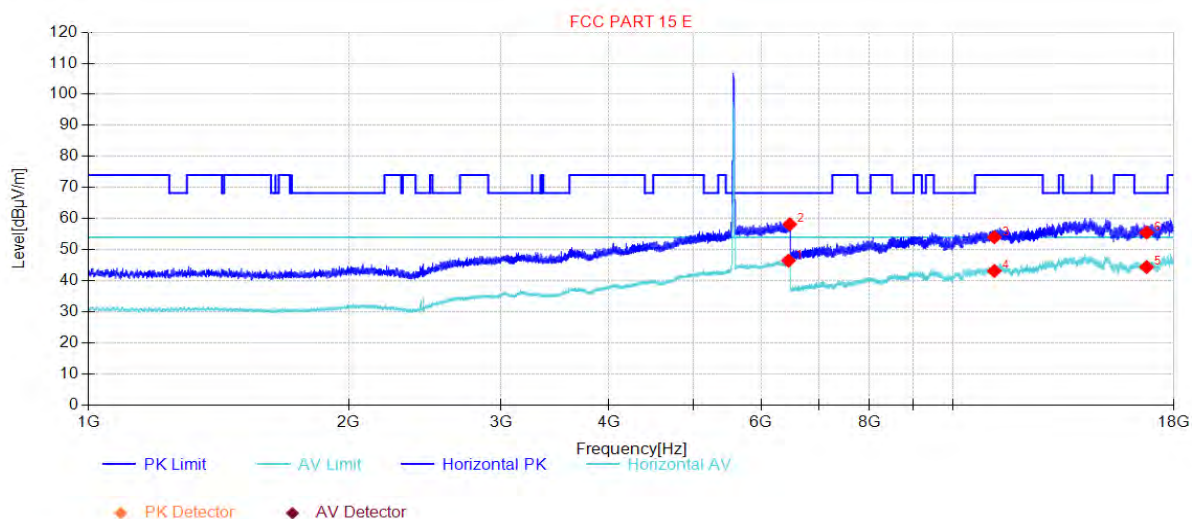
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4.9.2.39 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6450.86	46.45	18.44	54.00	7.55	155	103	Horizontal
2	6472.49	58.15	18.56	68.20	10.05	154	195	Horizontal
3	11160.0	53.99	2.54	74.00	20.01	176	271	Horizontal
4	11160.0	43.14	2.54	54.00	10.86	162	20	Horizontal
5	16740.0	44.36	5.53	54.00	9.64	127	126	Horizontal
6	16740.0	55.49	5.53	68.20	12.71	157	2	Horizontal

Final Data List



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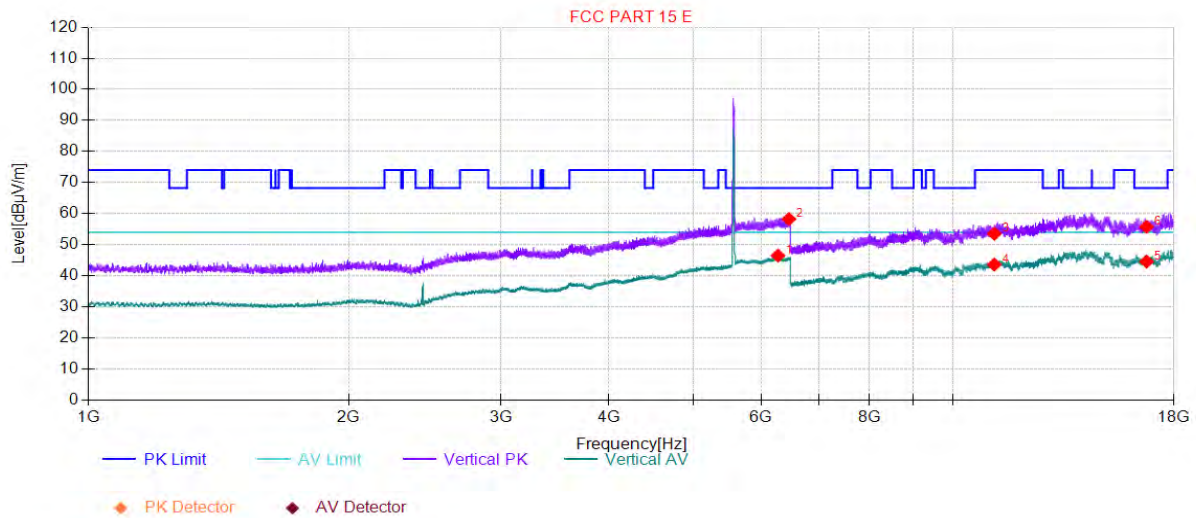
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4.9.2.40 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6274.11	46.47	18.36	54.00	7.53	265	270	Vertical
2	6456.73	58.23	18.47	68.20	9.97	275	243	Vertical
3	11160.0	53.50	2.54	74.00	20.50	254	48	Vertical
4	11160.0	43.58	2.54	54.00	10.42	245	300	Vertical
5	16740.0	44.57	5.53	54.00	9.43	269	329	Vertical
6	16740.0	55.75	5.53	68.20	12.45	284	309	Vertical

Final Data List



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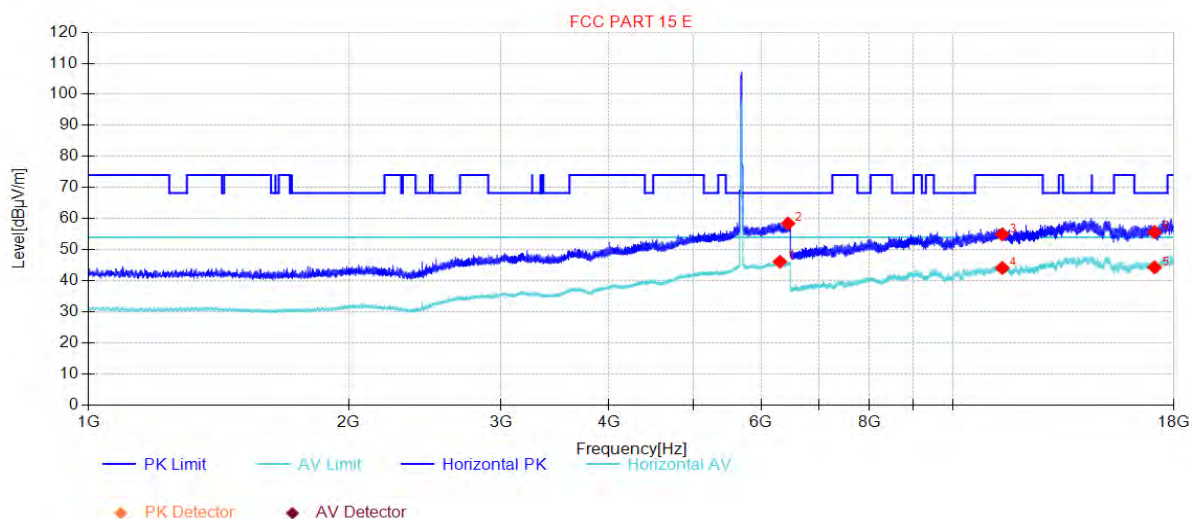
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4.9.2.41 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6307.12	46.09	18.46	54.00	7.91	116	57	Horizontal
2	6442.06	58.43	18.39	68.20	9.77	132	161	Horizontal
3	11400.0	54.92	2.54	74.00	19.08	122	260	Horizontal
4	11400.0	44.09	2.54	54.00	9.91	187	153	Horizontal
5	17100.0	44.30	5.72	54.00	9.70	181	270	Horizontal
6	17100.0	55.63	5.72	68.20	12.57	154	318	Horizontal

Final Data List



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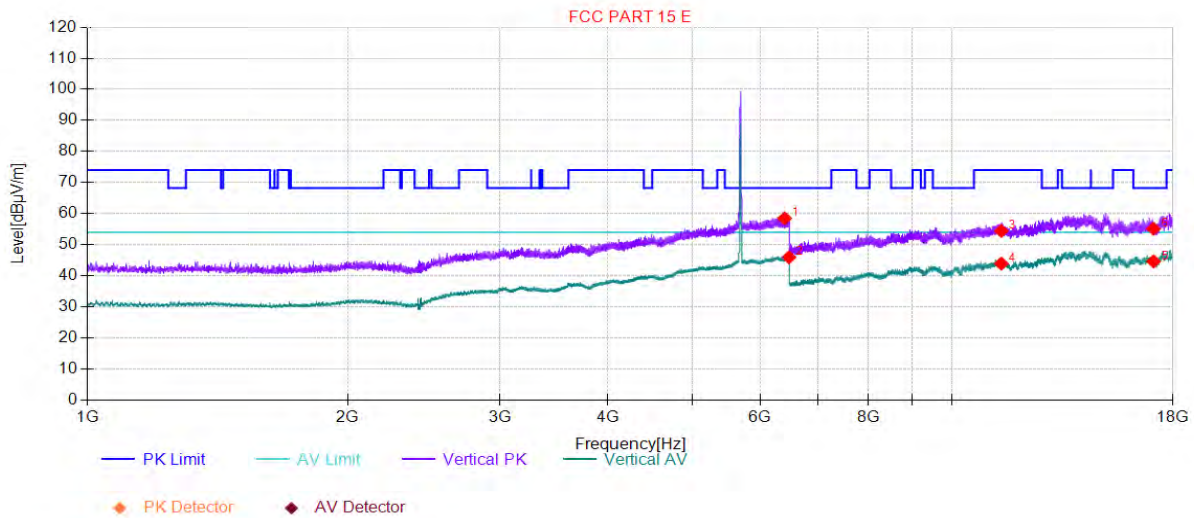
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4.9.2.42 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6401.36	58.49	18.17	68.20	9.71	285	84	Vertical
2	6476.53	45.92	18.58	54.00	8.08	264	276	Vertical
3	11400.0	54.41	2.54	74.00	19.59	275	193	Vertical
4	11400.0	43.88	2.54	54.00	10.12	232	202	Vertical
5	17100.0	44.60	5.72	54.00	9.40	342	290	Vertical
6	17100.0	55.10	5.72	68.20	13.10	287	299	Vertical

Final Data List



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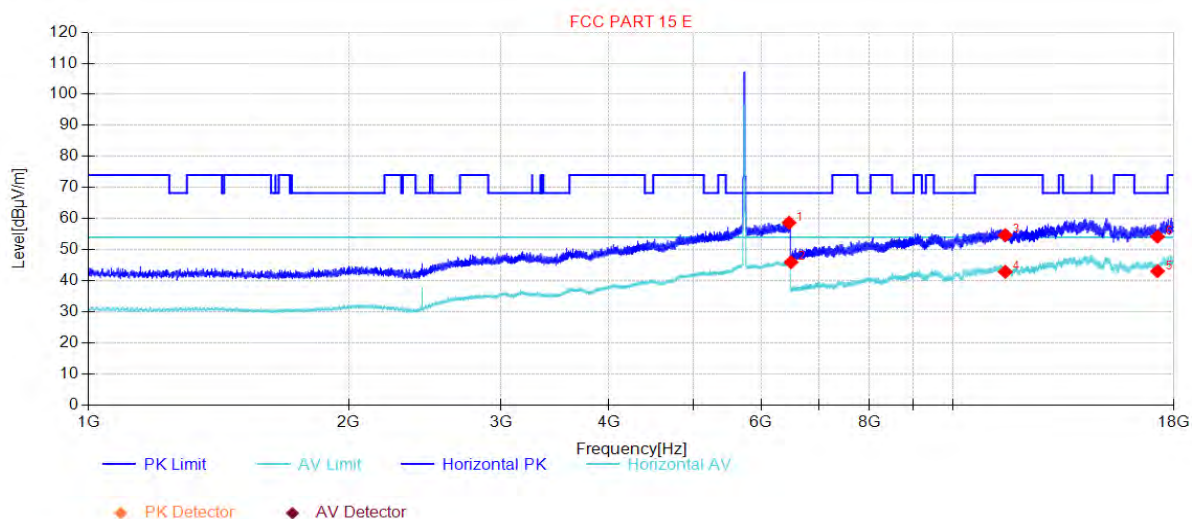
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4.9.2.43 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6460.03	58.67	18.49	68.20	9.53	128	160	Horizontal
2	6494.49	45.96	18.68	54.00	8.04	154	78	Horizontal
3	11490.0	54.66	2.10	74.00	19.34	178	69	Horizontal
4	11490.0	42.83	2.10	54.00	11.17	213	348	Horizontal
5	17235.0	43.04	6.10	54.00	10.96	187	194	Horizontal
6	17235.0	54.17	6.10	68.20	14.03	192	108	Horizontal

Final Data List



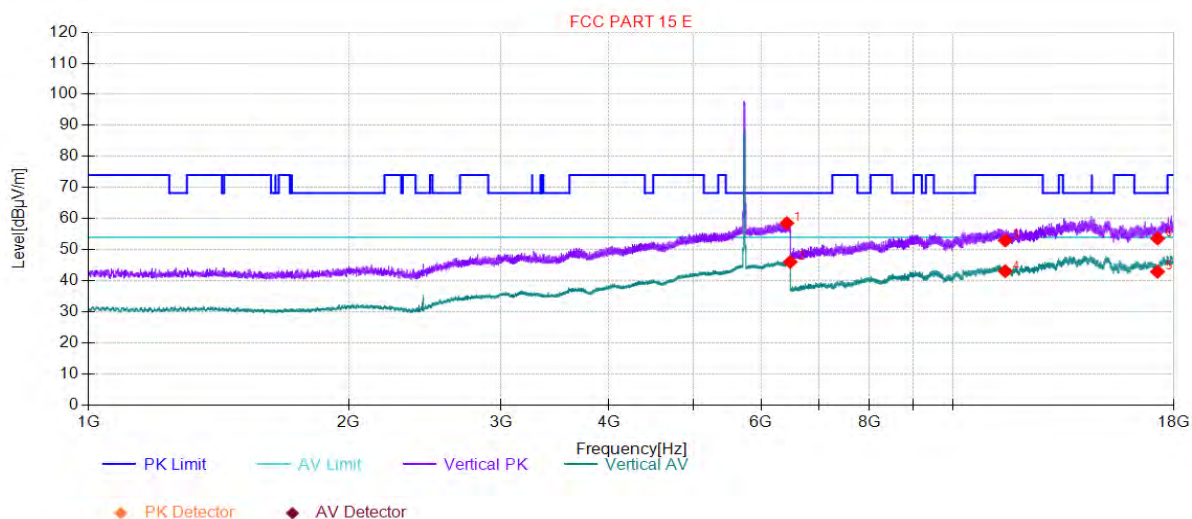
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4.9.2.44 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6422.62	58.53	18.29	68.20	9.67	198	146	Vertical
2	6481.29	46.04	18.61	54.00	7.96	208	78	Vertical
3	11490.0	52.92	2.10	74.00	21.08	212	87	Vertical
4	11490.0	43.01	2.10	54.00	10.99	188	58	Vertical
5	17235.0	42.88	6.10	54.00	11.12	286	280	Vertical
6	17235.0	53.57	6.10	68.20	14.63	298	136	Vertical

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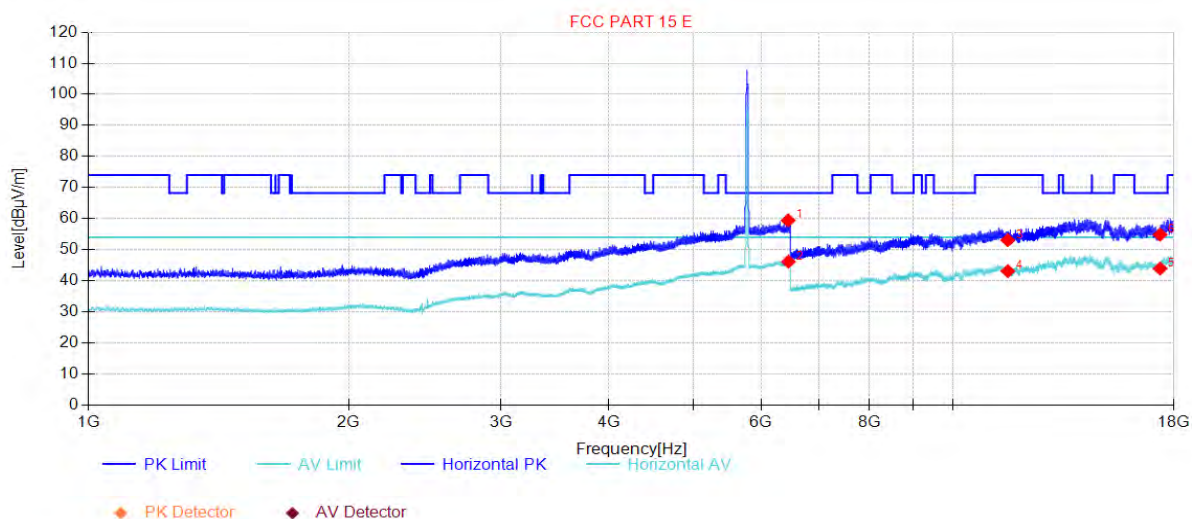
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4.9.2.45 802.11N20_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6444.62	59.42	18.41	68.20	8.78	133	69	Horizontal
2	6449.76	46.13	18.44	54.00	7.87	153	254	Horizontal
3	11570.0	53.04	2.92	74.00	20.96	187	107	Horizontal
4	11570.0	43.06	2.92	54.00	10.94	136	165	Horizontal
5	17355.0	43.91	6.75	54.00	10.09	189	185	Horizontal
6	17355.0	54.83	6.75	68.20	13.37	163	185	Horizontal

Final Data List



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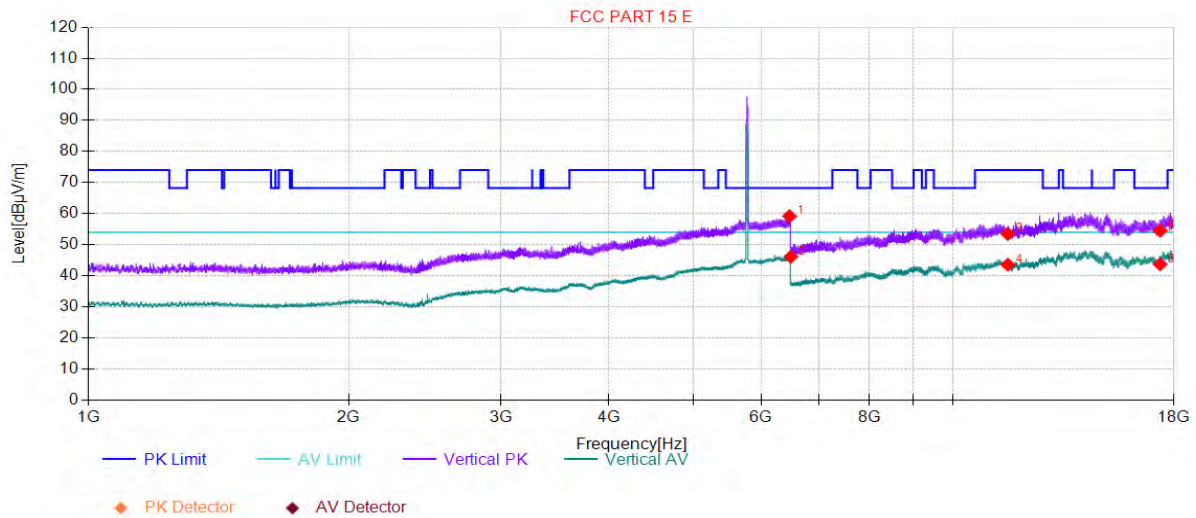
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4.9.2.46 802.11N20_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6469.19	59.14	18.54	68.20	9.06	256	3	Vertical
2	6491.93	46.08	18.67	54.00	7.92	274	113	Vertical
3	11570.0	53.44	2.92	74.00	20.56	265	202	Vertical
4	11570.0	43.53	2.92	54.00	10.47	269	145	Vertical
5	17355.0	43.68	6.75	54.00	10.32	287	106	Vertical
6	17355.0	54.51	6.75	68.20	13.69	298	309	Vertical

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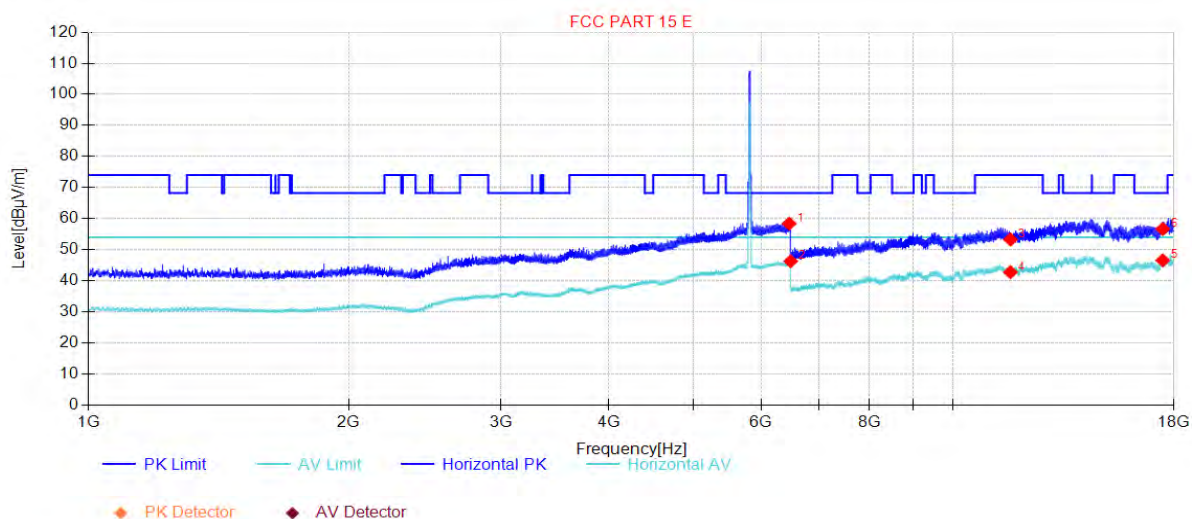
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4.9.2.47 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6462.23	58.38	18.51	68.20	9.82	172	334	Horizontal
2	6488.63	46.26	18.65	54.00	7.74	154	191	Horizontal
3	11650.0	53.24	2.58	74.00	20.76	127	320	Horizontal
4	11650.0	42.74	2.58	54.00	11.26	188	184	Horizontal
5	17475.0	46.54	7.42	54.00	7.46	124	107	Horizontal
6	17475.0	56.65	7.42	68.20	11.55	162	281	Horizontal

Final Data List



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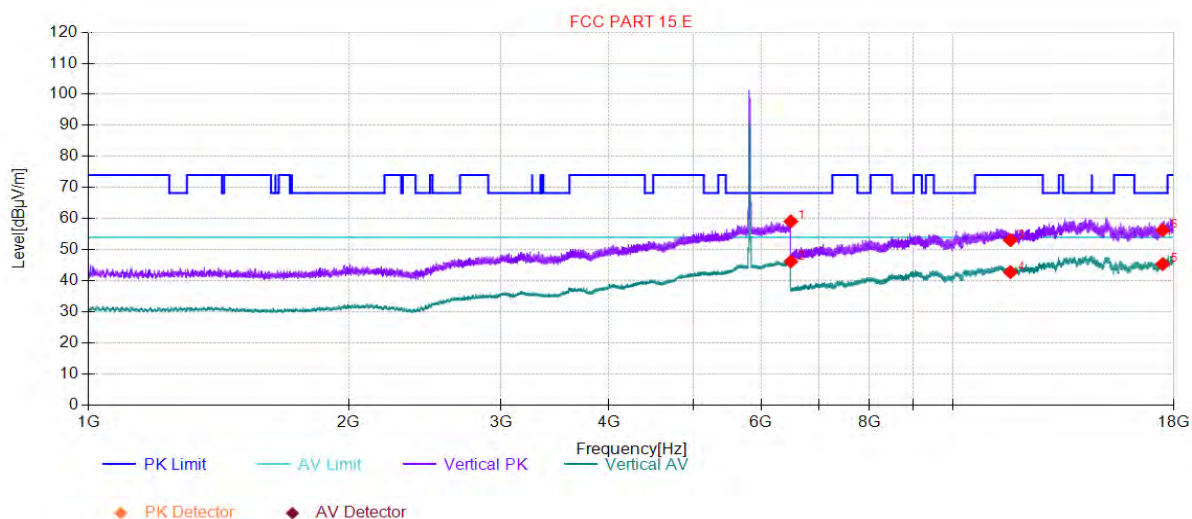
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4.9.2.48 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6491.93	59.09	18.67	68.20	9.11	294	255	Vertical
2	6492.29	46.17	18.67	54.00	7.83	255	77	Vertical
3	11650.0	53.04	2.58	74.00	20.96	250	68	Vertical
4	11650.0	42.73	2.58	54.00	11.27	222	252	Vertical
5	17475.0	45.32	7.42	54.00	8.68	232	348	Vertical
6	17475.0	56.23	7.42	68.20	11.97	211	348	Vertical

Final Data List



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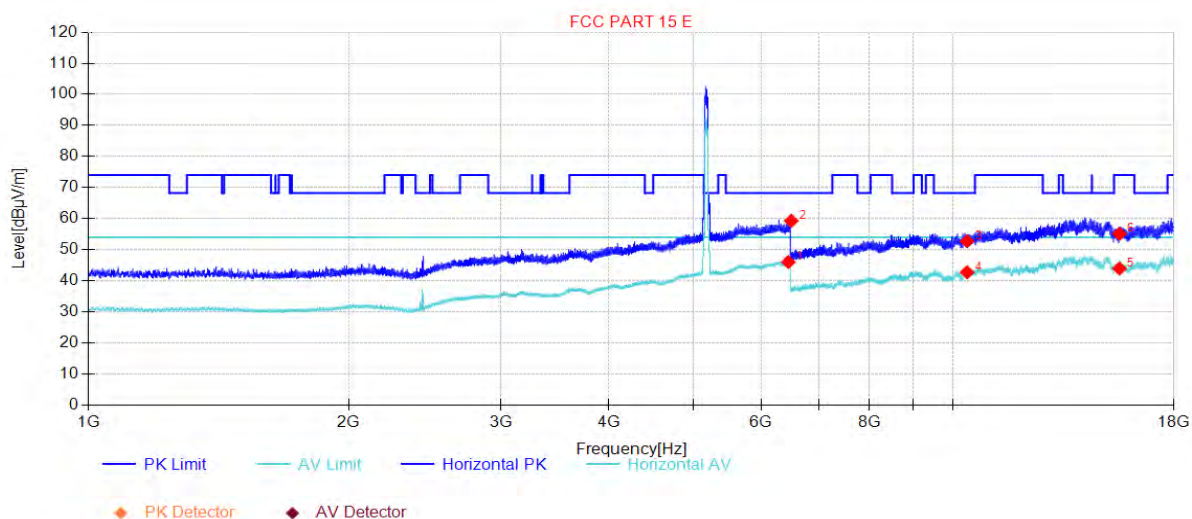
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4.9.2.49 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6447.92	46.01	18.43	54.00	7.99	172	123	Horizontal
2	6498.89	59.25	18.71	68.20	8.95	154	181	Horizontal
3	10380.0	52.70	2.40	68.20	15.50	103	232	Horizontal
4	10380.0	42.69	2.40	54.00	11.31	152	212	Horizontal
5	15570.0	43.91	6.00	54.00	10.09	142	291	Horizontal
6	15570.0	55.09	6.00	74.00	18.91	157	281	Horizontal

Final Data List



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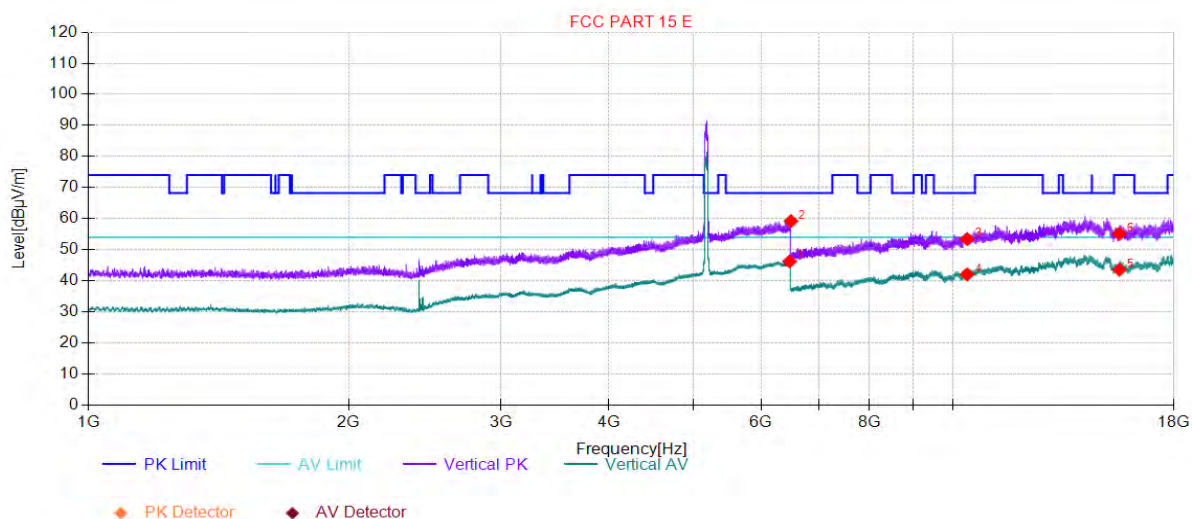
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4.9.2.50 802.11N40_Channel 38

Test Graph



Suspected List

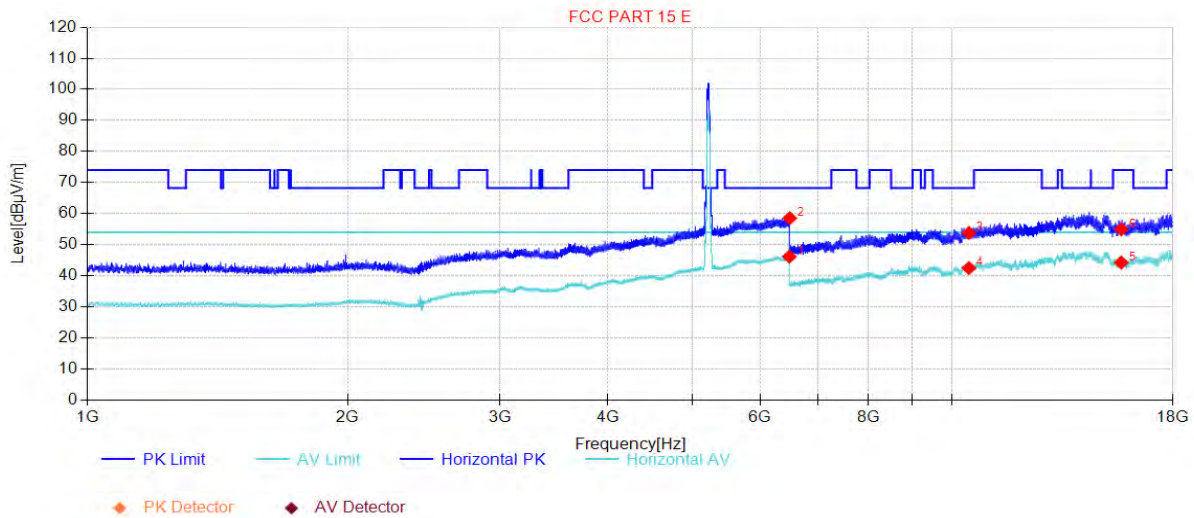
Suspected List								
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1	6469.56	46.19	18.55	54.00	7.81	272	262	Vertical
2	6493.39	59.17	18.68	68.20	9.03	256	43	Vertical
3	10380.0	53.40	2.40	68.20	14.80	232	67	Vertical
4	10380.0	42.02	2.40	54.00	11.98	241	1	Vertical
5	15570.0	43.54	6.00	54.00	10.46	245	252	Vertical
6	15570.0	55.12	6.00	74.00	18.88	278	290	Vertical

Final Data List



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	6483.13	46.15	18.62	54.00	7.85	235	66	Horizontal
2	6489.36	58.52	18.66	68.20	9.68	185	346	Horizontal
3	10460.0	53.77	2.47	68.20	14.43	272	13	Horizontal
4	10460.0	42.44	2.47	54.00	11.56	254	147	Horizontal
5	15690.0	44.20	6.13	54.00	9.80	287	195	Horizontal
6	15690.0	54.93	6.13	74.00	19.07	289	99	Horizontal

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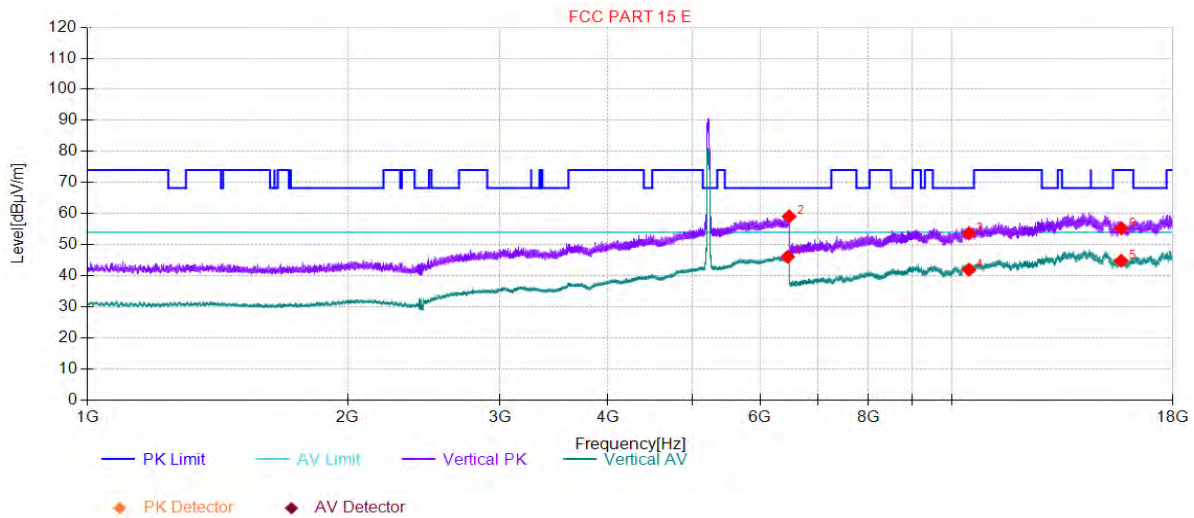
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4.9.2.52 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6453.43	46.06	18.46	54.00	7.94	286	148	Vertical
2	6479.46	59.09	18.60	68.20	9.11	277	16	Vertical
3	10460.0	53.62	2.47	68.20	14.58	222	251	Vertical
4	10460.0	41.94	2.47	54.00	12.06	278	126	Vertical
5	15690.0	44.79	6.13	54.00	9.21	235	280	Vertical
6	15690.0	55.23	6.13	74.00	18.77	269	318	Vertical

Final Data List



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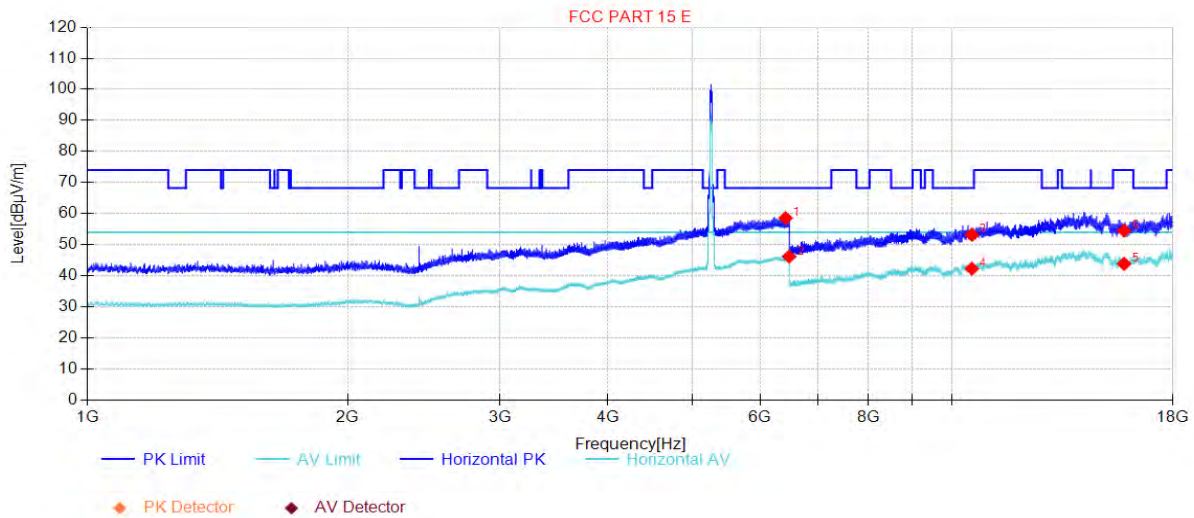
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4.9.2.53 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6418.22	58.55	18.26	68.20	9.65	139	140	Horizontal
2	6478.73	46.16	18.60	54.00	7.84	183	214	Horizontal
3	10540.0	53.18	2.39	68.20	15.02	122	11	Horizontal
4	10540.0	42.26	2.39	54.00	11.74	196	175	Horizontal
5	15810.0	43.81	5.12	54.00	10.19	228	126	Horizontal
6	15810.0	54.50	5.12	74.00	19.50	163	97	Horizontal

Final Data List



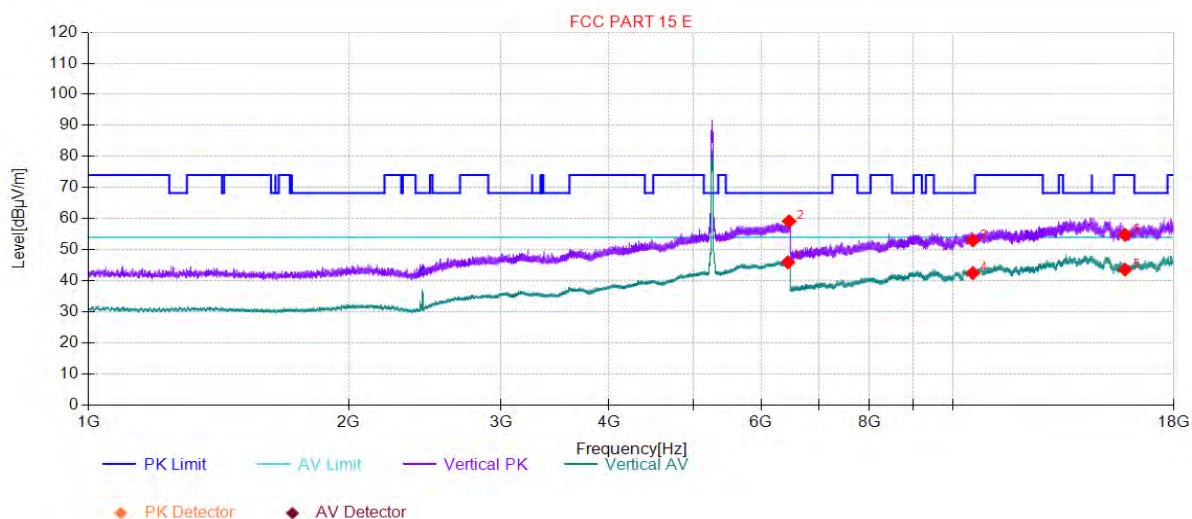
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4.9.2.54 802.11N40_Channel 54

Test Graph



Suspected List

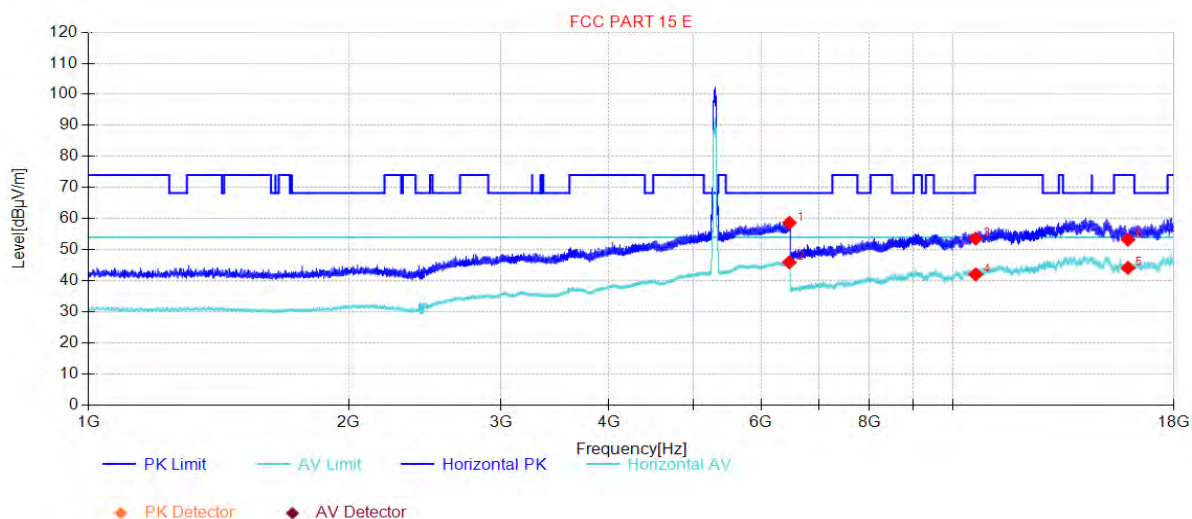
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6440.59	45.92	18.39	54.00	8.08	333	234	Vertical
2	6461.86	59.12	18.50	68.20	9.08	272	170	Vertical
3	10540.0	52.98	2.39	68.20	15.22	268	174	Vertical
4	10540.0	42.45	2.39	54.00	11.55	274	117	Vertical
5	15810.0	43.57	5.12	54.00	10.43	286	98	Vertical
6	15810.0	54.78	5.12	74.00	19.22	279	10	Vertical

Final Data List



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	6464.79	58.64	18.52	68.20	9.56	138	124	Horizontal
2	6465.53	45.92	18.52	54.00	8.08	178	131	Horizontal
3	10620.0	53.55	2.23	74.00	20.45	1666	57	Horizontal
4	10620.0	42.02	2.23	54.00	11.98	131	357	Horizontal
5	15930.0	44.11	5.15	54.00	9.89	189	329	Horizontal
6	15930.0	53.23	5.15	74.00	20.77	178	116	Horizontal

Final Data List



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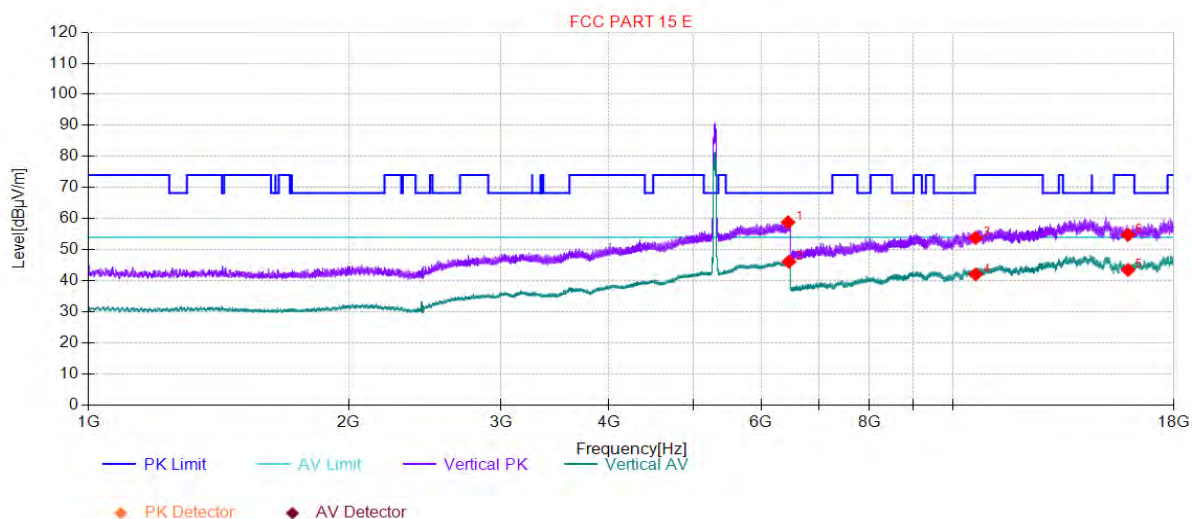
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4.9.2.56 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6443.16	58.78	18.40	68.20	9.42	206	276	Vertical
2	6457.83	46.11	18.48	54.00	7.89	242	147	Vertical
3	10620.0	53.76	2.23	74.00	20.24	245	320	Vertical
4	10620.0	42.05	2.23	54.00	11.95	268	232	Vertical
5	15930.0	43.46	5.15	54.00	10.54	236	96	Vertical
6	15930.0	54.79	5.15	74.00	19.21	285	154	Vertical

Final Data List



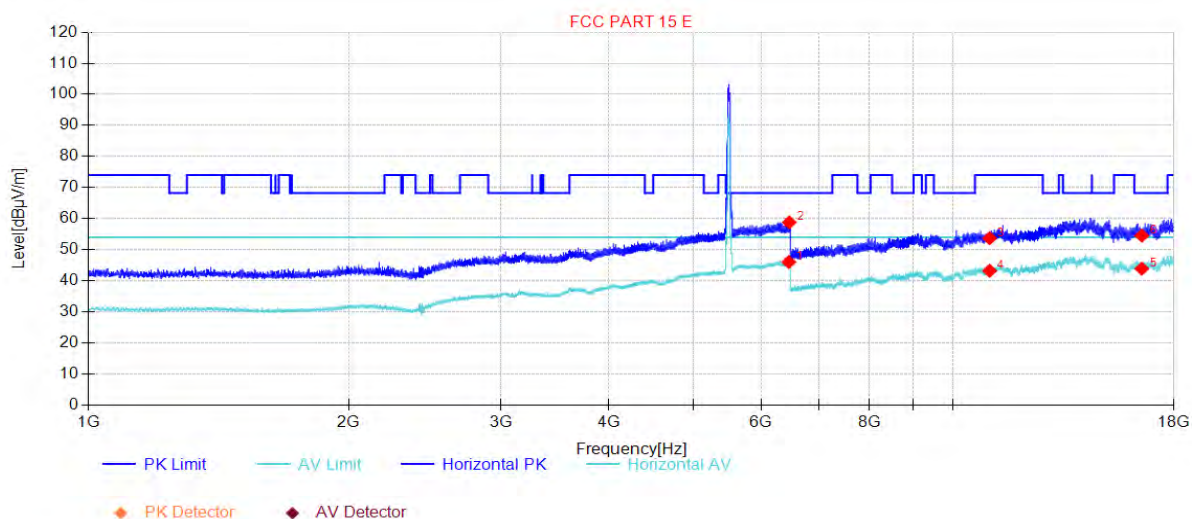
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4.9.2.57 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6456.36	46.03	18.47	54.00	7.97	175	191	Horizontal
2	6463.33	58.78	18.51	68.20	9.42	154	280	Horizontal
3	11020.0	53.67	2.69	74.00	20.33	198	281	Horizontal
4	11020.0	43.19	2.69	54.00	10.81	187	194	Horizontal
5	16530.0	43.87	5.27	54.00	10.13	163	145	Horizontal
6	16530.0	54.51	5.27	68.20	13.69	178	126	Horizontal

Final Data List



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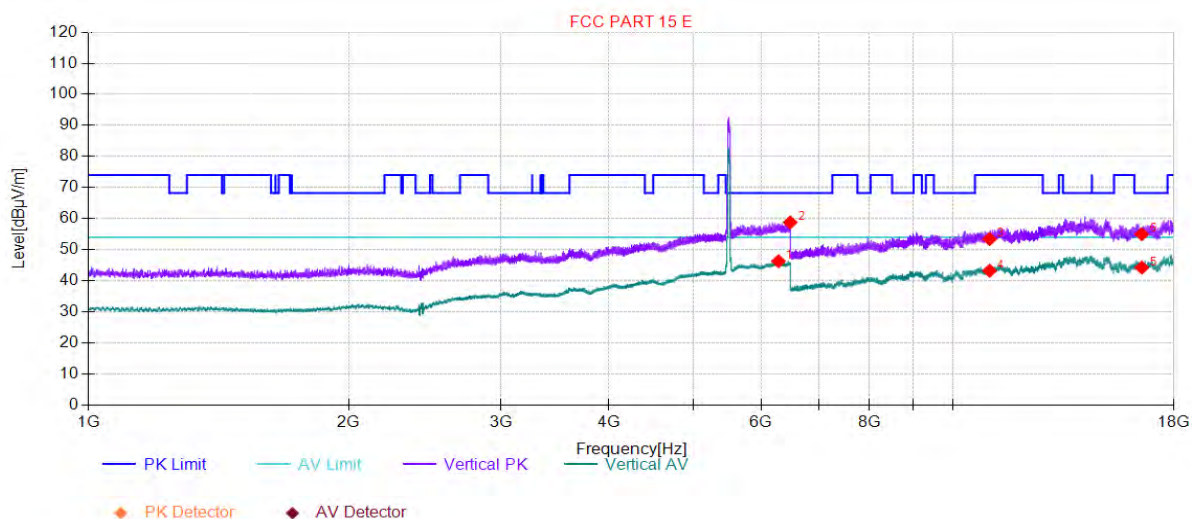
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4.9.2.58 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6281.81	46.29	18.40	54.00	7.71	265	201	Vertical
2	6481.29	58.78	18.61	68.20	9.42	282	338	Vertical
3	11020.0	53.42	2.69	74.00	20.58	261	174	Vertical
4	11020.0	43.19	2.69	54.00	10.81	233	262	Vertical
5	16530.0	44.23	5.27	54.00	9.77	212	40	Vertical
6	16530.0	54.96	5.27	68.20	13.24	229	310	Vertical

Final Data List



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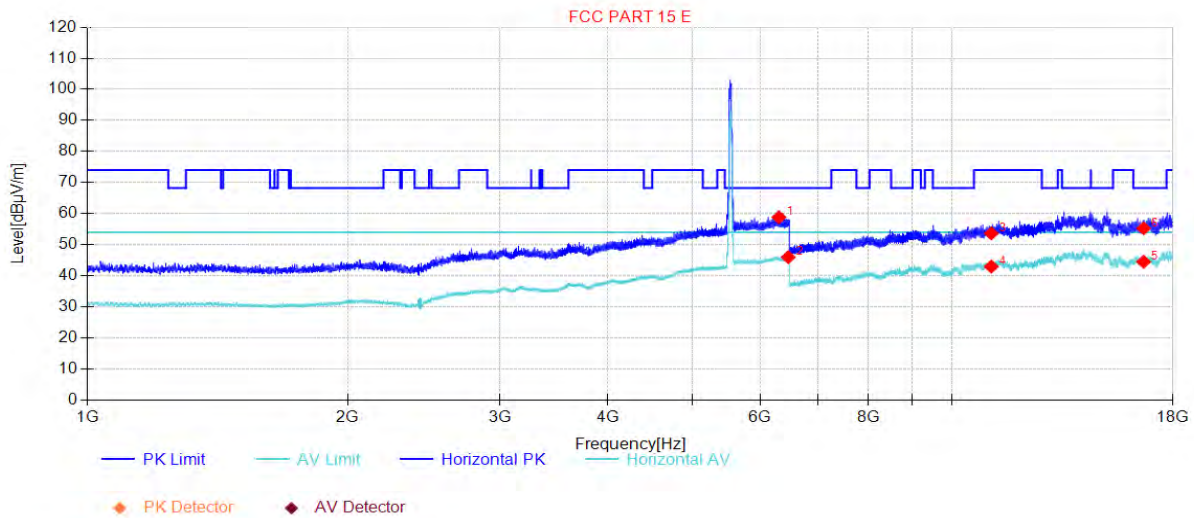
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4.9.2.59 802.11N40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6304.18	58.82	18.47	68.20	9.38	102	22	Horizontal
2	6464.06	45.98	18.52	54.00	8.02	155	22	Horizontal
3	11100.0	53.62	2.49	74.00	20.38	198	348	Horizontal
4	11100.0	42.91	2.49	54.00	11.09	174	338	Horizontal
5	16650.0	44.48	5.74	54.00	9.52	154	95	Horizontal
6	16650.0	55.24	5.74	68.20	12.96	133	144	Horizontal

Final Data List



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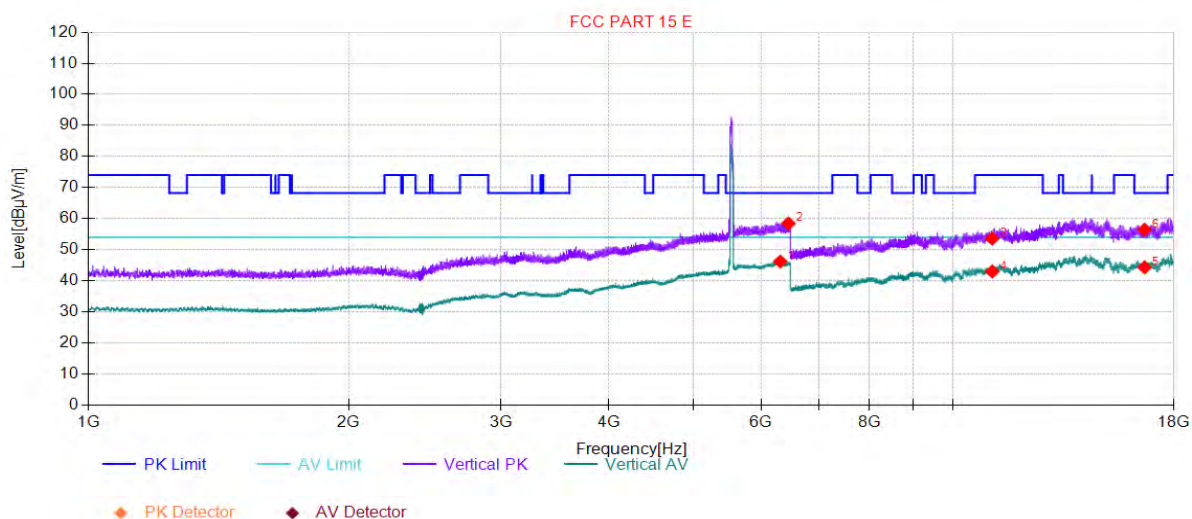
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4.9.2.60 802.11N40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6311.88	46.16	18.45	54.00	7.84	268	331	Vertical
2	6449.02	58.43	18.43	68.20	9.77	212	23	Vertical
3	11100.0	53.55	2.49	74.00	20.45	274	105	Vertical
4	11100.0	42.94	2.49	54.00	11.06	265	261	Vertical
5	16650.0	44.29	5.74	54.00	9.71	253	18	Vertical
6	16650.0	56.43	5.74	68.20	11.77	365	145	Vertical

Final Data List



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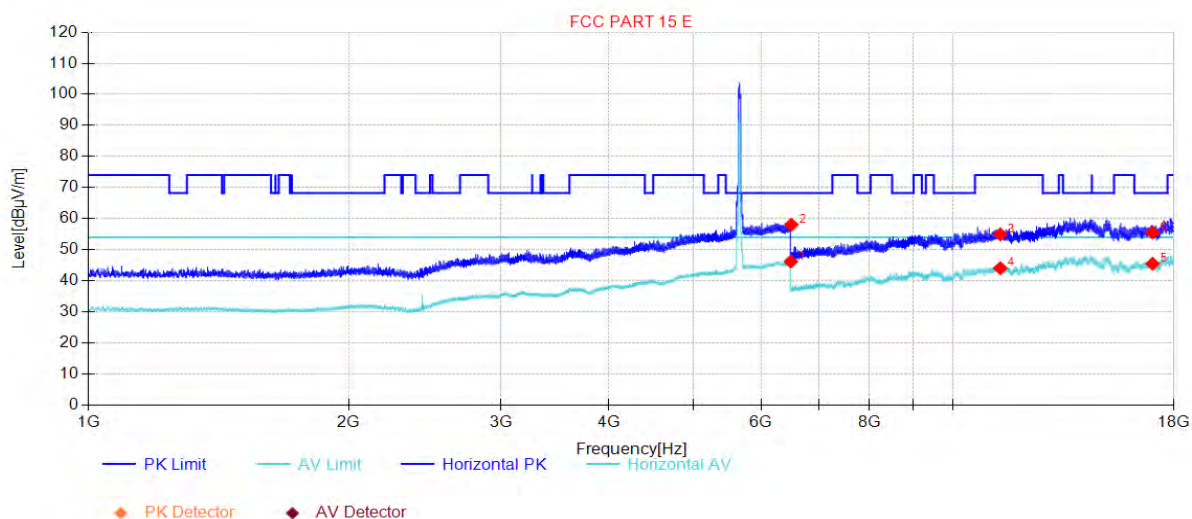
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4.9.2.61 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6491.56	46.16	18.67	54.00	7.84	123	87	Horizontal
2	6499.26	58.03	18.71	68.20	10.17	137	3	Horizontal
3	11340.0	54.93	2.55	74.00	19.07	132	319	Horizontal
4	11340.0	44.01	2.55	54.00	9.99	123	309	Horizontal
5	17010.0	45.44	6.16	54.00	8.56	156	77	Horizontal
6	17010.0	55.50	6.16	68.20	12.70	185	212	Horizontal

Final Data List



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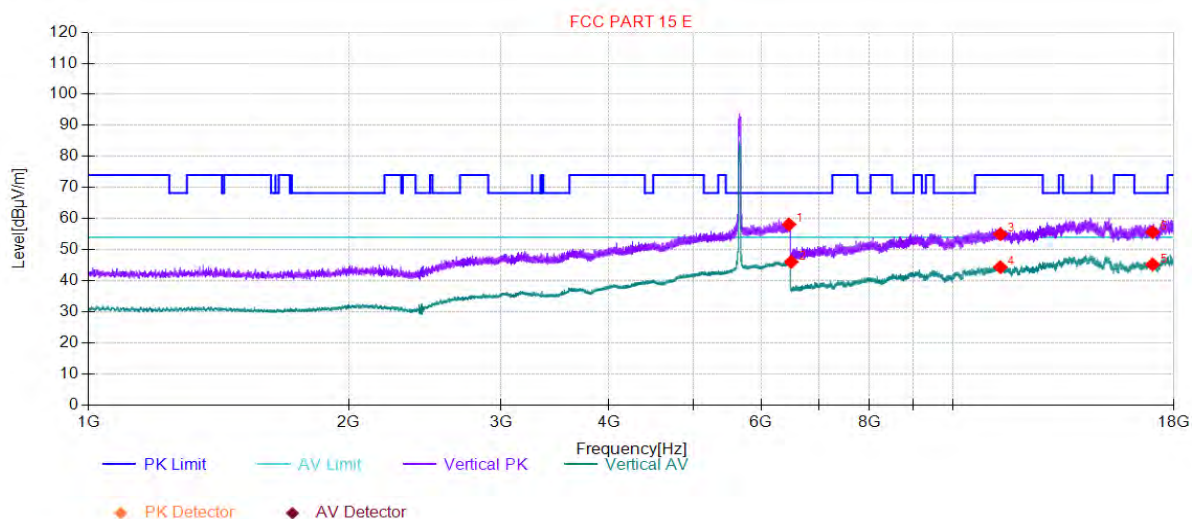
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4.9.2.62 802.11N40_Channel 134

Test Graph



Suspected List

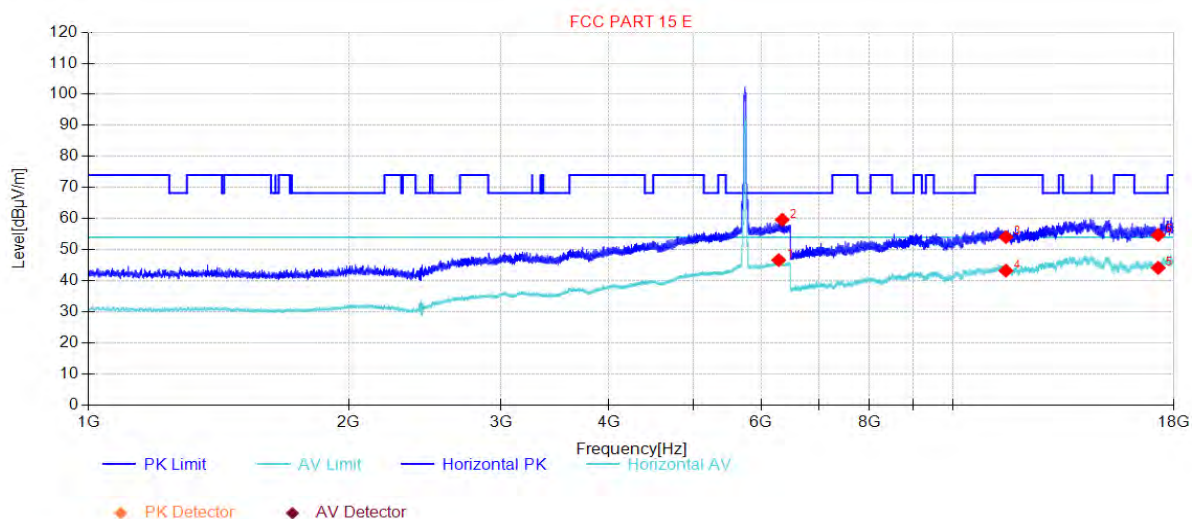
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6458.19	58.10	18.48	68.20	10.10	320	318	Vertical
2	6497.43	46.05	18.70	54.00	7.95	195	312	Vertical
3	11340.0	54.96	2.55	74.00	19.04	355	19	Vertical
4	11340.0	44.33	2.55	54.00	9.67	230	136	Vertical
5	17010.0	45.23	6.16	54.00	8.77	201	88	Vertical
6	17010.0	55.63	6.16	68.20	12.57	285	271	Vertical

Final Data List



4.9.2.63 802.11N40_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	6284.75	46.62	18.41	54.00	7.38	162	169	Horizontal
2	6344.52	59.63	18.34	68.20	8.57	187	162	Horizontal
3	11510.0	54.02	2.17	74.00	19.98	154	172	Horizontal
4	11510.0	43.22	2.17	54.00	10.78	135	299	Horizontal
5	17265.0	44.13	6.33	54.00	9.87	145	75	Horizontal
6	17265.0	54.72	6.33	68.20	13.48	132	17	Horizontal

Final Data List



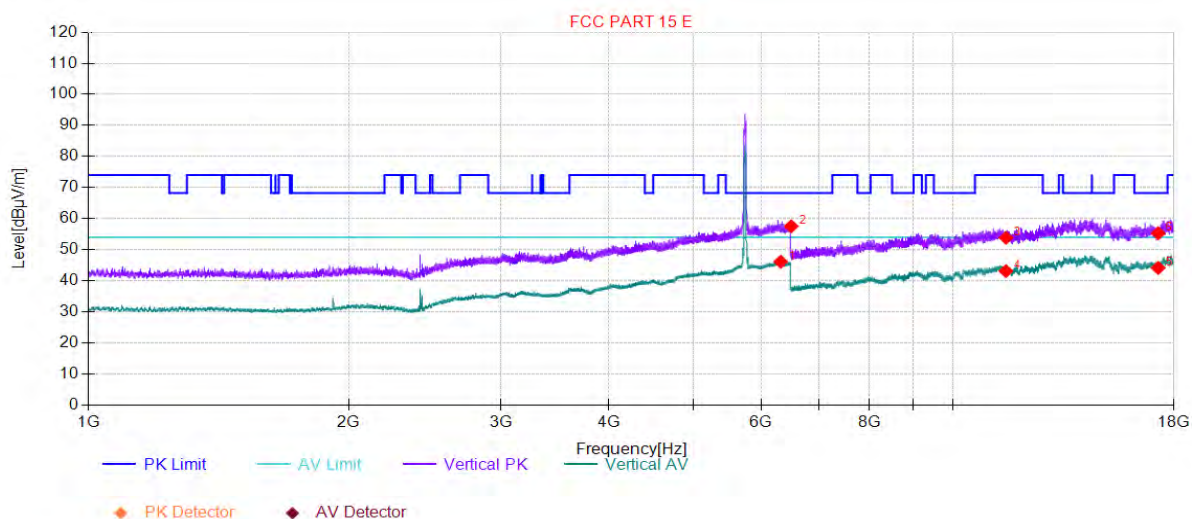
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4.9.2.64 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6318.85	46.10	18.42	54.00	7.90	203	9	Vertical
2	6497.79	57.52	18.70	68.20	10.68	211	16	Vertical
3	11510.0	53.82	2.17	74.00	20.18	365	261	Vertical
4	11510.0	43.10	2.17	54.00	10.90	221	348	Vertical
5	17265.0	44.11	6.33	54.00	9.89	289	68	Vertical
6	17265.0	55.29	6.33	68.20	12.91	216	135	Vertical

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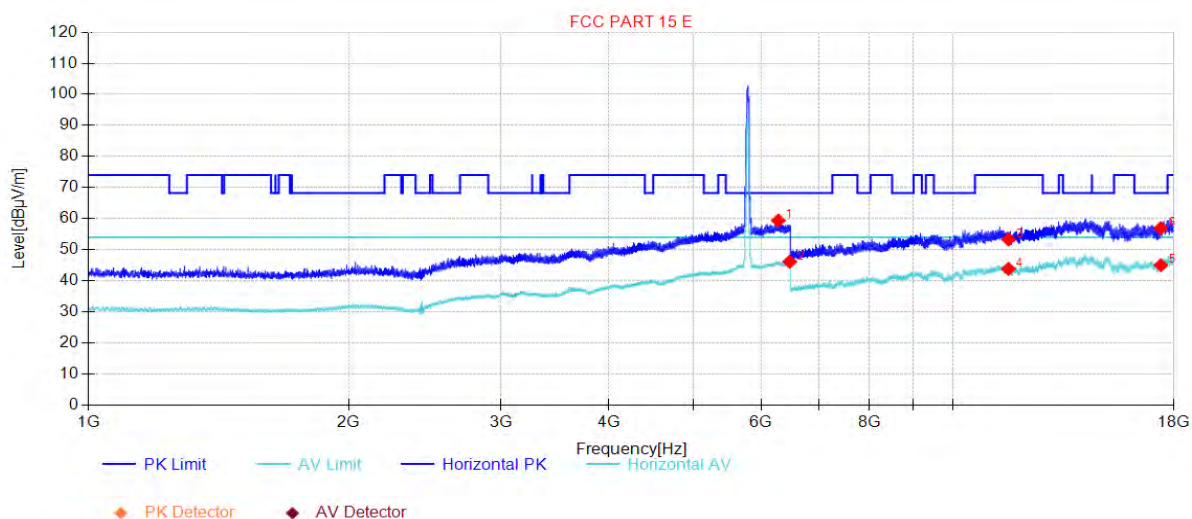
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4.9.2.65 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6279.25	59.38	18.38	68.20	8.82	185	246	Horizontal
2	6472.49	46.11	18.56	54.00	7.89	166	345	Horizontal
3	11590.0	53.29	3.16	74.00	20.71	174	96	Horizontal
4	11590.0	43.80	3.16	54.00	10.20	163	163	Horizontal
5	17385.0	44.98	6.82	54.00	9.02	122	37	Horizontal
6	17385.0	56.91	6.82	68.20	11.29	187	115	Horizontal

Final Data List



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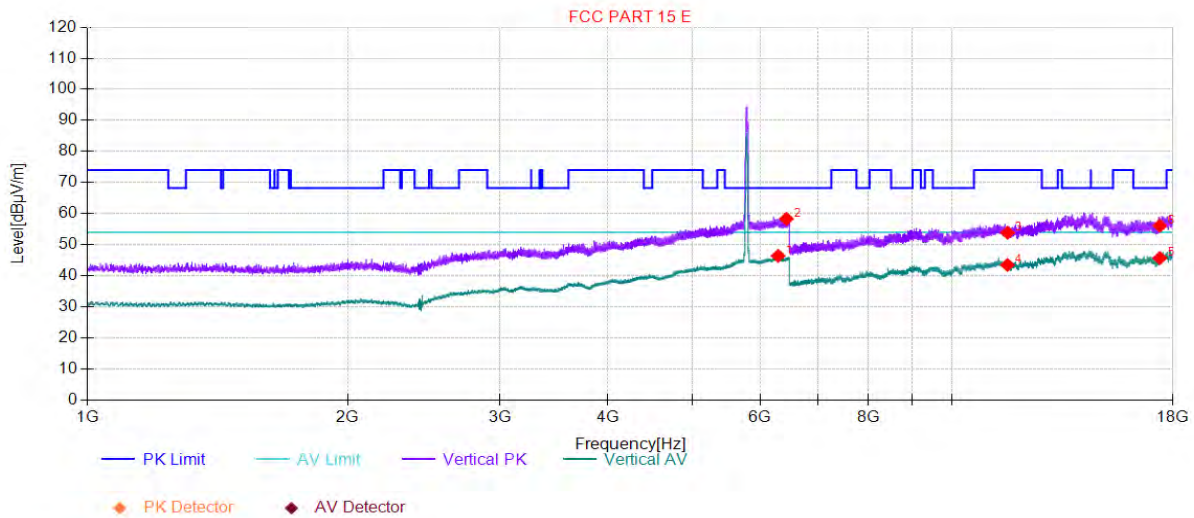
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4.9.2.66 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6292.45	46.37	18.45	54.00	7.63	213	146	Vertical
2	6433.26	58.32	18.34	68.20	9.88	247	297	Vertical
3	11590.0	53.85	3.16	74.00	20.15	255	271	Vertical
4	11590.0	43.45	3.16	54.00	10.55	260	96	Vertical
5	17385.0	45.66	6.82	54.00	8.34	252	203	Vertical
6	17385.0	56.11	6.82	68.20	12.09	274	126	Vertical

Final Data List



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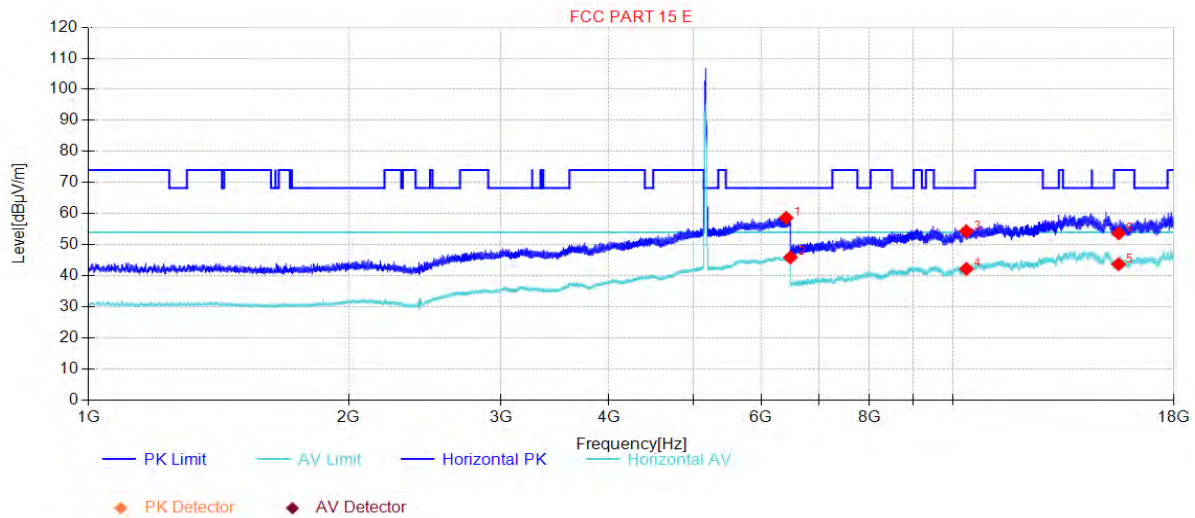
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4.9.2.67 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6409.42	58.60	18.21	68.20	9.60	185	16	Horizontal
2	6482.39	45.89	18.62	54.00	8.11	145	360	Horizontal
3	10360.0	54.30	2.38	68.20	13.90	132	126	Horizontal
4	10360.0	42.20	2.38	54.00	11.80	137	49	Horizontal
5	15540.0	43.67	5.88	54.00	10.33	178	357	Horizontal
6	15540.0	53.63	5.88	74.00	20.37	154	126	Horizontal

Final Data List



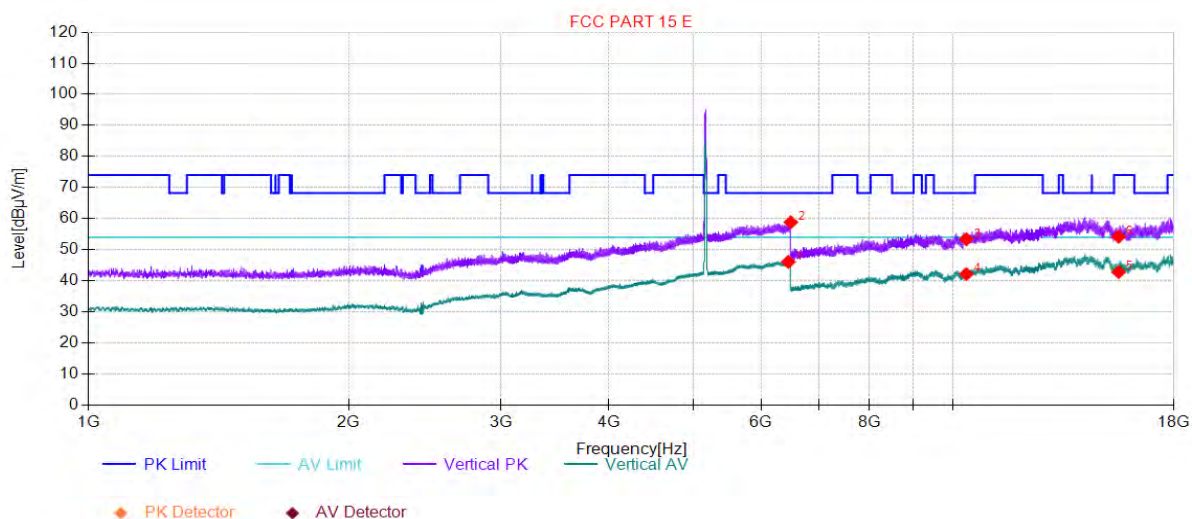
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4.9.2.68 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6447.92	46.07	18.43	54.00	7.93	233	250	Vertical
2	6490.46	58.82	18.66	68.20	9.38	213	37	Vertical
3	10360.0	53.35	2.38	68.20	14.85	272	242	Vertical
4	10360.0	42.12	2.38	54.00	11.88	261	77	Vertical
5	15540.0	42.77	5.88	54.00	11.23	245	309	Vertical
6	15540.0	54.14	5.88	74.00	19.86	374	144	Vertical

Final Data List



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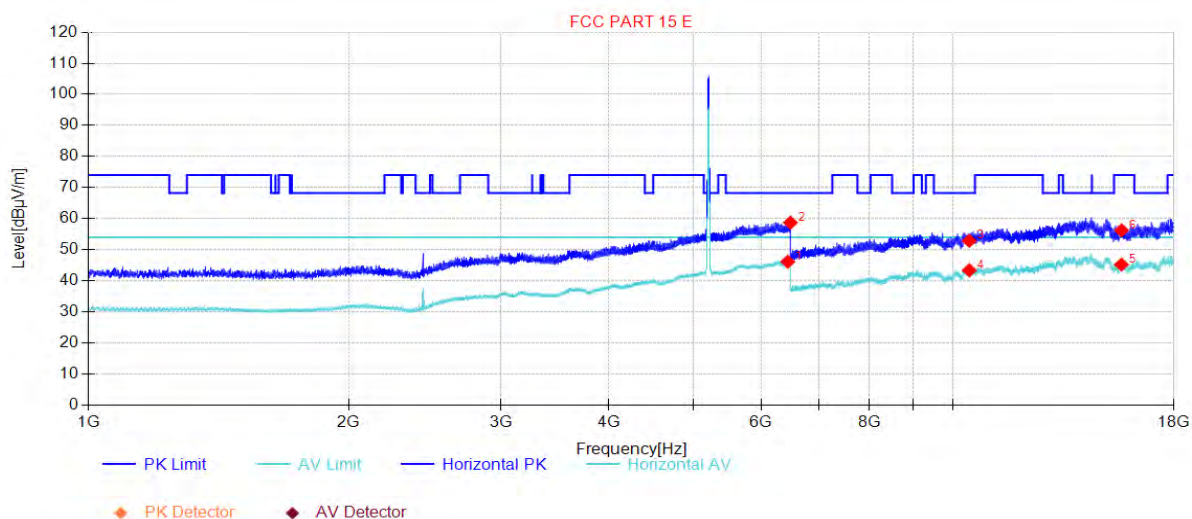
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4.9.2.69 802.11AC20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6436.92	46.09	18.36	54.00	7.91	163	167	Horizontal
2	6484.23	58.70	18.63	68.20	9.50	185	145	Horizontal
3	10440.0	52.83	2.46	68.20	15.37	174	270	Horizontal
4	10440.0	43.35	2.46	54.00	10.65	154	211	Horizontal
5	15660.0	45.17	6.12	54.00	8.83	187	270	Horizontal
6	15660.0	56.20	6.12	74.00	17.80	148	16	Horizontal

Final Data List



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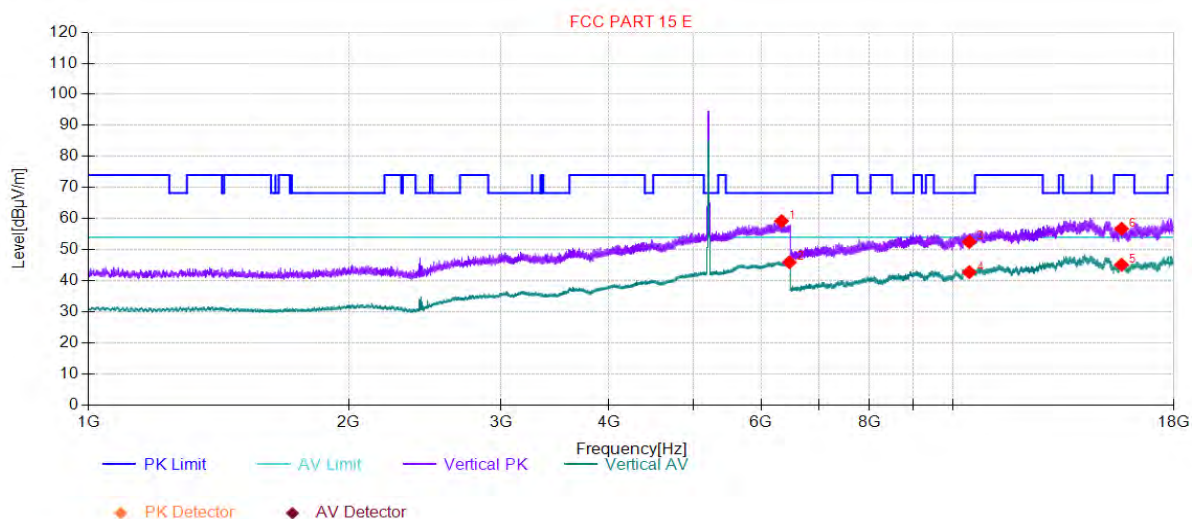
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4.9.2.70 802.11AC20_Channel 44

Test Graph



Suspected List

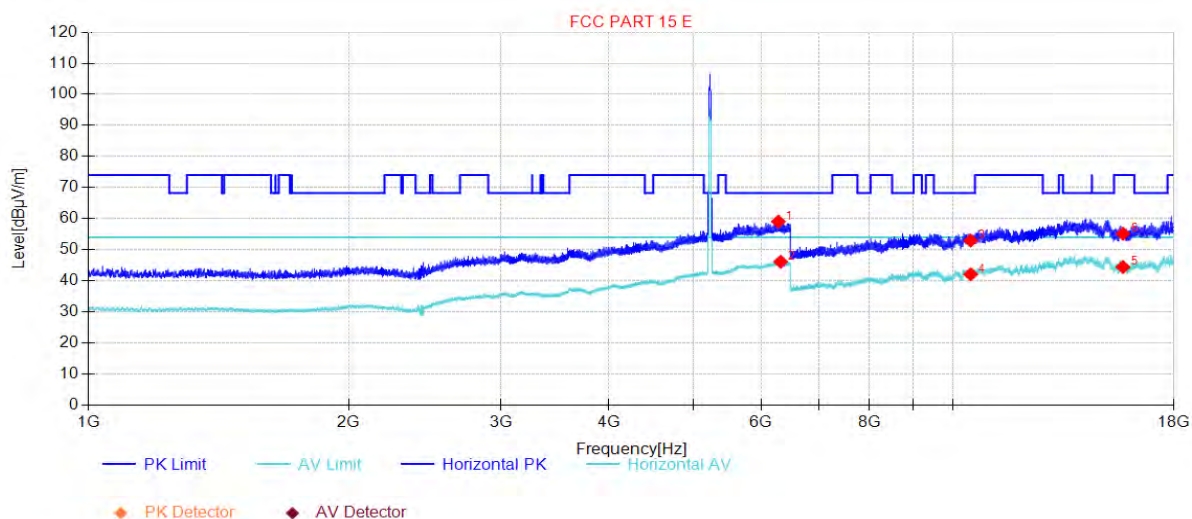
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6332.78	59.19	18.38	68.20	9.01	213	119	Vertical
2	6465.89	45.93	18.53	54.00	8.07	274	229	Vertical
3	10440.0	52.48	2.46	68.20	15.72	266	18	Vertical
4	10440.0	42.74	2.46	54.00	11.26	211	144	Vertical
5	15660.0	45.11	6.12	54.00	8.89	262	163	Vertical
6	15660.0	56.70	6.12	74.00	17.30	229	125	Vertical

Final Data List



4.9.2.71 802.11AC20_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	6279.25	59.02	18.38	68.20	9.18	177	50	Horizontal
2	6316.65	46.09	18.43	54.00	7.91	108	179	Horizontal
3	10480.0	52.92	2.49	68.20	15.28	166	174	Horizontal
4	10480.0	42.06	2.49	54.00	11.94	187	67	Horizontal
5	15720.0	44.40	5.92	54.00	9.60	134	57	Horizontal
6	15720.0	55.10	5.92	74.00	18.90	152	78	Horizontal

Final Data List



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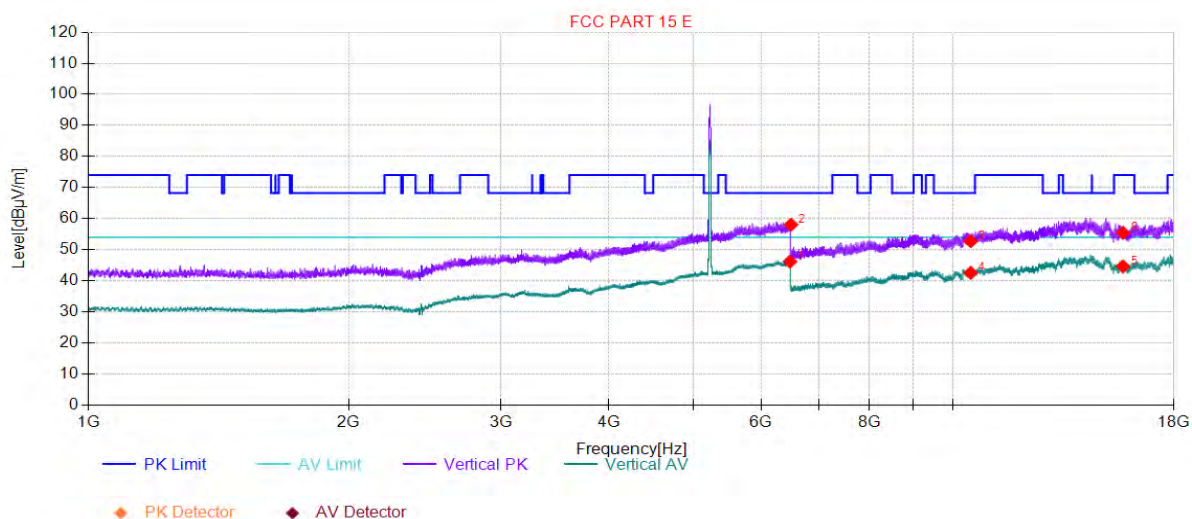
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4.9.2.72 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6476.16	46.14	18.58	54.00	7.86	384	230	Vertical
2	6493.76	58.04	18.68	68.20	10.16	345	251	Vertical
3	10480.0	52.69	2.49	68.20	15.51	254	357	Vertical
4	10480.0	42.52	2.49	54.00	11.48	266	134	Vertical
5	15720.0	44.60	5.92	54.00	9.40	212	66	Vertical
6	15720.0	55.41	5.92	74.00	18.59	297	134	Vertical

Final Data List



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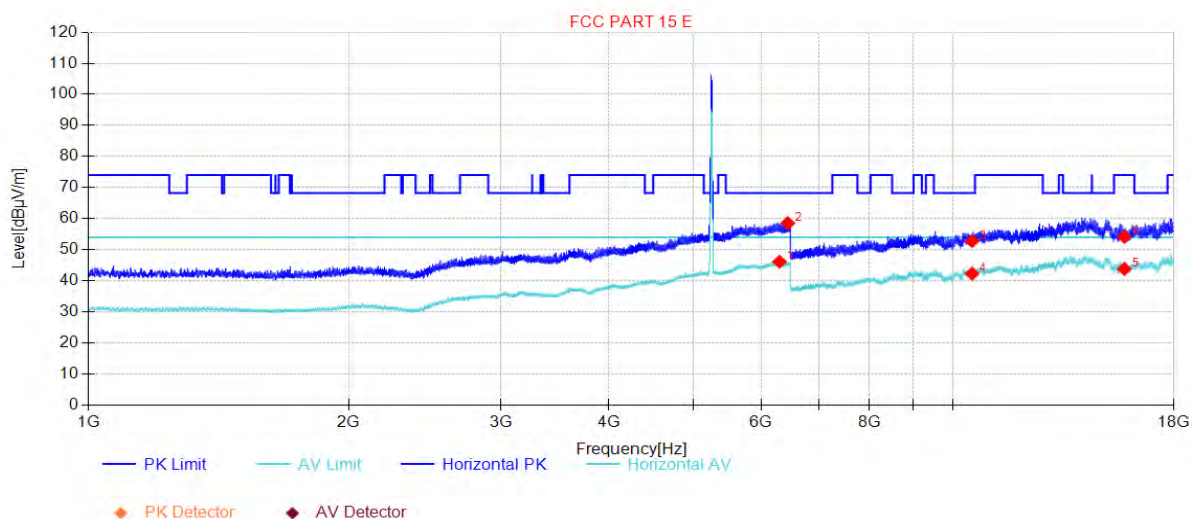
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4.9.2.73 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6299.42	46.11	18.48	54.00	7.89	177	307	Horizontal
2	6439.12	58.53	18.38	68.20	9.67	162	78	Horizontal
3	10520.0	52.76	2.45	68.20	15.44	172	251	Horizontal
4	10520.0	42.27	2.45	54.00	11.73	154	310	Horizontal
5	15780.0	43.80	5.30	54.00	10.20	133	77	Horizontal
6	15780.0	54.14	5.30	74.00	19.86	123	232	Horizontal

Final Data List



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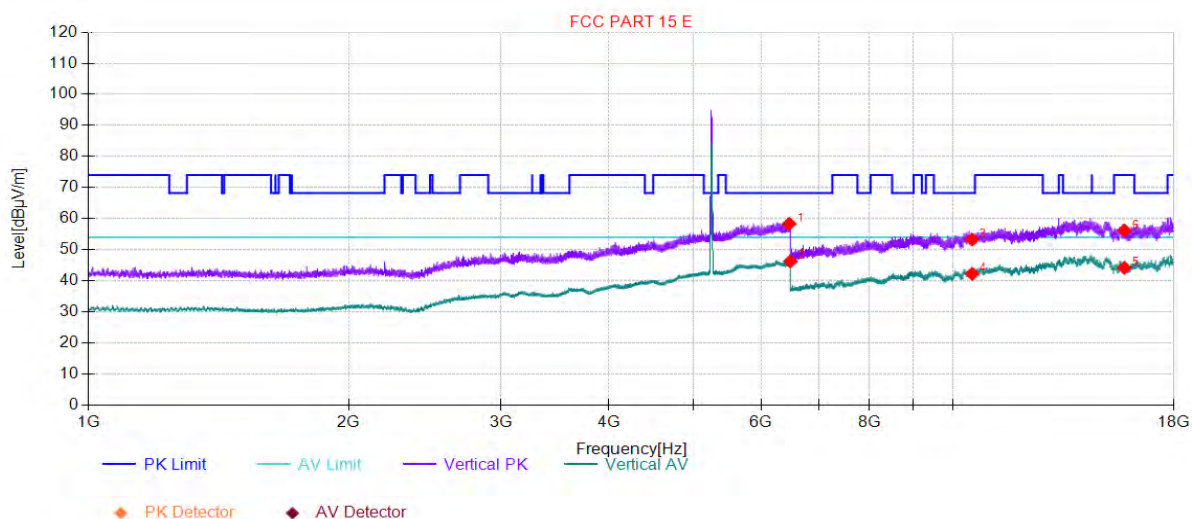
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4.9.2.74 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6462.23	58.31	18.51	68.20	9.89	254	85	Vertical
2	6483.49	46.23	18.62	54.00	7.77	236	3	Vertical
3	10520.0	53.26	2.45	68.20	14.94	209	165	Vertical
4	10520.0	42.20	2.45	54.00	11.80	211	222	Vertical
5	15780.0	44.12	5.30	54.00	9.88	228	11	Vertical
6	15780.0	56.15	5.30	74.00	17.85	264	203	Vertical

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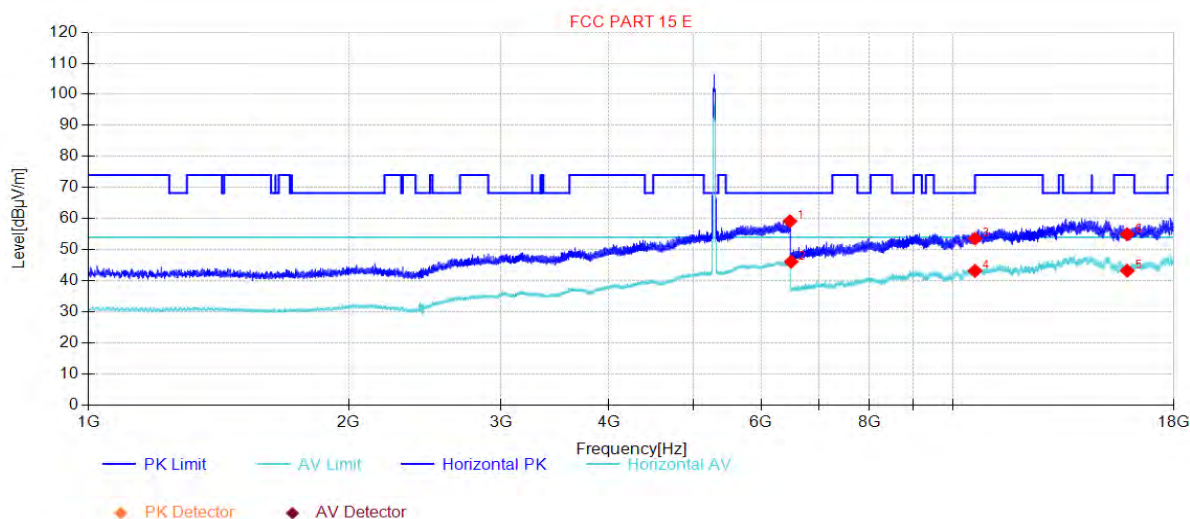
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4.9.2.75 802.11AC20_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6475.06	59.14	18.58	68.20	9.06	186	302	Horizontal
2	6496.33	46.11	18.69	54.00	7.89	132	245	Horizontal
3	10600.0	53.52	2.23	74.00	20.48	172	348	Horizontal
4	10600.0	43.17	2.23	54.00	10.83	183	348	Horizontal
5	15900.0	43.20	5.29	54.00	10.80	151	328	Horizontal
6	15900.0	54.94	5.29	74.00	19.06	173	154	Horizontal

Final Data List



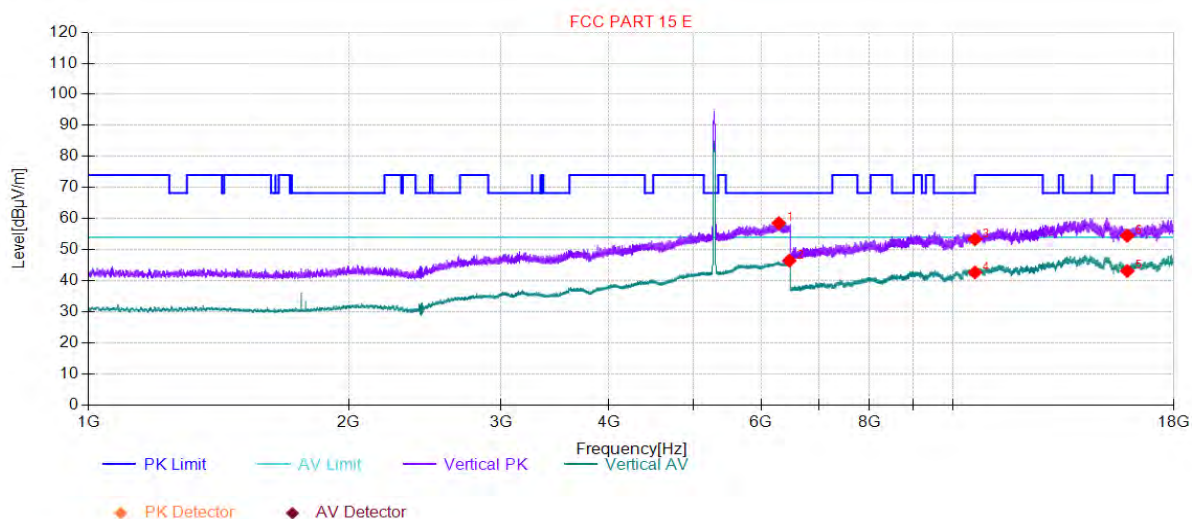
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4.9.2.76 802.11AC20_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6285.48	58.55	18.41	68.20	9.65	296	238	Vertical
2	6463.69	46.45	18.51	54.00	7.55	275	135	Vertical
3	10600.0	53.37	2.23	74.00	20.63	245	38	Vertical
4	10600.0	42.65	2.23	54.00	11.35	264	125	Vertical
5	15900.0	43.14	5.29	54.00	10.86	252	28	Vertical
6	15900.0	54.47	5.29	74.00	19.53	240	154	Vertical

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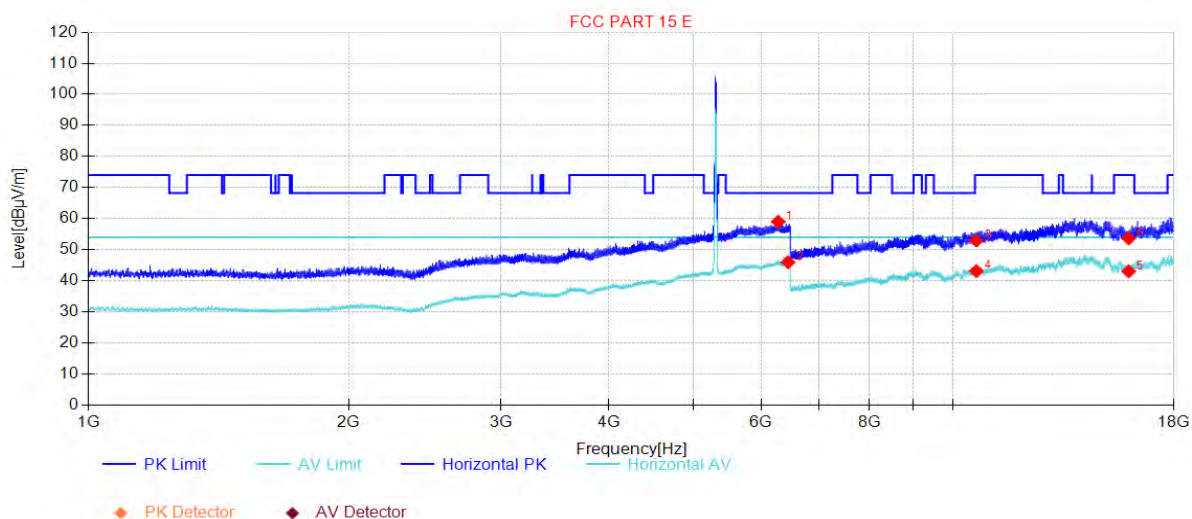
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4.9.2.77 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6276.68	58.97	18.37	68.20	9.23	177	271	Horizontal
2	6443.16	45.97	18.40	54.00	8.03	162	149	Horizontal
3	10640.0	52.91	2.22	74.00	21.09	120	328	Horizontal
4	10640.0	43.08	2.22	54.00	10.92	123	152	Horizontal
5	15960.0	43.01	5.01	54.00	10.99	152	357	Horizontal
6	15960.0	53.62	5.01	74.00	20.38	182	182	Horizontal

Final Data List



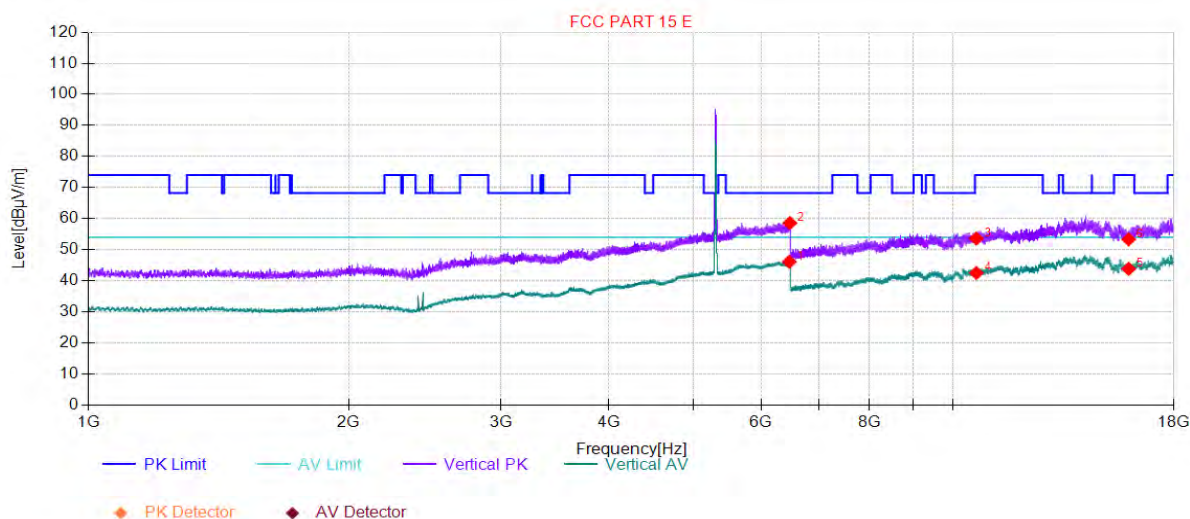
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4.9.2.78 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6465.16	46.09	18.52	54.00	7.91	262	174	Vertical
2	6474.69	58.56	18.57	68.20	9.64	285	230	Vertical
3	10640.0	53.57	2.22	74.00	20.43	236	204	Vertical
4	10640.0	42.48	2.22	54.00	11.52	287	136	Vertical
5	15960.0	43.82	5.01	54.00	10.18	242	21	Vertical
6	15960.0	53.28	5.01	74.00	20.72	286	117	Vertical

Final Data List

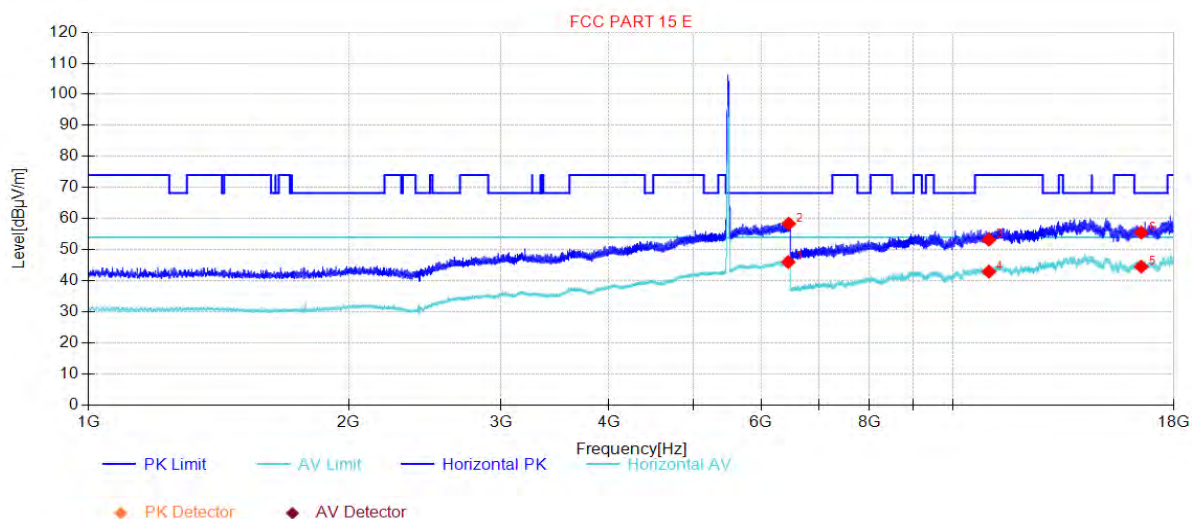


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4.9.2.79 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6445.36	46.02	18.41	54.00	7.98	158	86	Horizontal
2	6454.16	58.37	18.46	68.20	9.83	117	274	Horizontal
3	11000.0	53.20	2.74	74.00	20.80	195	348	Horizontal
4	11000.0	42.92	2.74	54.00	11.08	213	27	Horizontal
5	16500.0	44.51	5.09	54.00	9.49	187	259	Horizontal
6	16500.0	55.48	5.09	68.20	12.72	144	289	Horizontal

Final Data List



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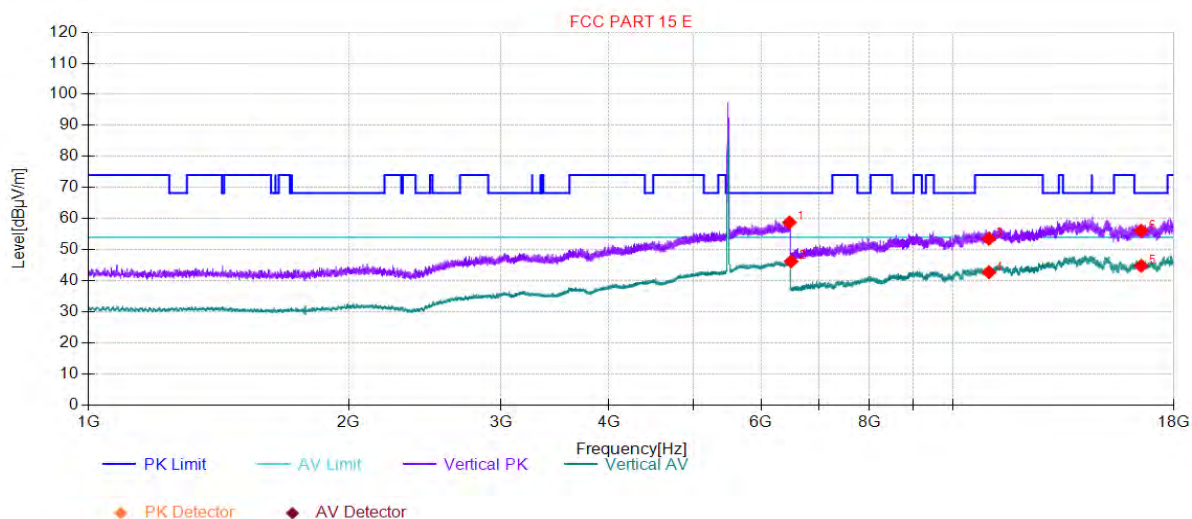
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4.9.2.80 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6466.26	58.75	18.53	68.20	9.45	222	9	Vertical
2	6496.69	46.21	18.70	54.00	7.79	246	224	Vertical
3	11000.0	53.51	2.74	74.00	20.49	298	329	Vertical
4	11000.0	42.71	2.74	54.00	11.29	245	280	Vertical
5	16500.0	44.77	5.09	54.00	9.23	242	348	Vertical
6	16500.0	56.11	5.09	68.20	12.09	219	260	Vertical

Final Data List



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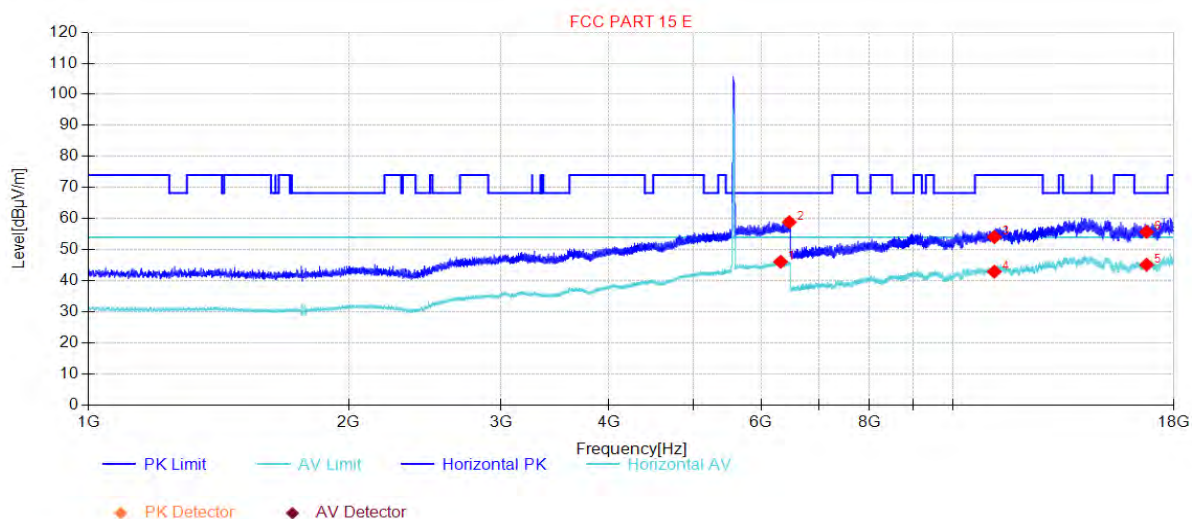
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4.9.2.81 802.11AC20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6317.02	46.08	18.43	54.00	7.92	188	54	Horizontal
2	6463.69	58.85	18.51	68.20	9.35	126	269	Horizontal
3	11160.0	54.06	2.54	74.00	19.94	151	45	Horizontal
4	11160.0	42.89	2.54	54.00	11.11	173	134	Horizontal
5	16740.0	45.13	5.53	54.00	8.87	145	143	Horizontal
6	16740.0	55.70	5.53	68.20	12.50	187	261	Horizontal

Final Data List



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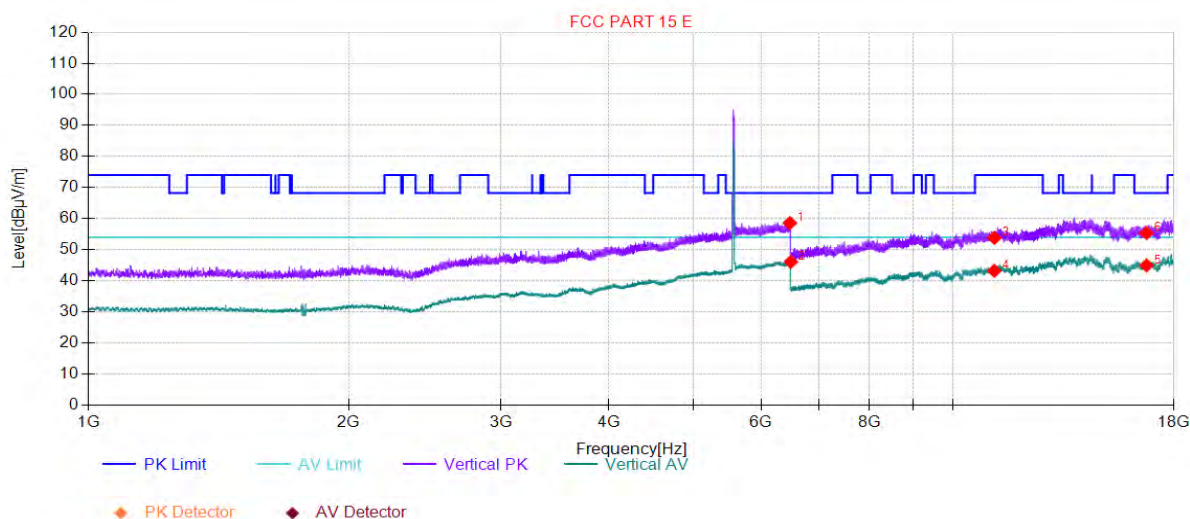
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4.9.2.82 802.11AC20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6474.69	58.56	18.57	68.20	9.64	185	71	Vertical
2	6491.19	46.06	18.67	54.00	7.94	275	202	Vertical
3	11160.0	53.78	2.54	74.00	20.22	301	173	Vertical
4	11160.0	43.18	2.54	54.00	10.82	255	39	Vertical
5	16740.0	44.91	5.53	54.00	9.09	207	222	Vertical
6	16740.0	55.33	5.53	68.20	12.87	230	96	Vertical

Final Data List



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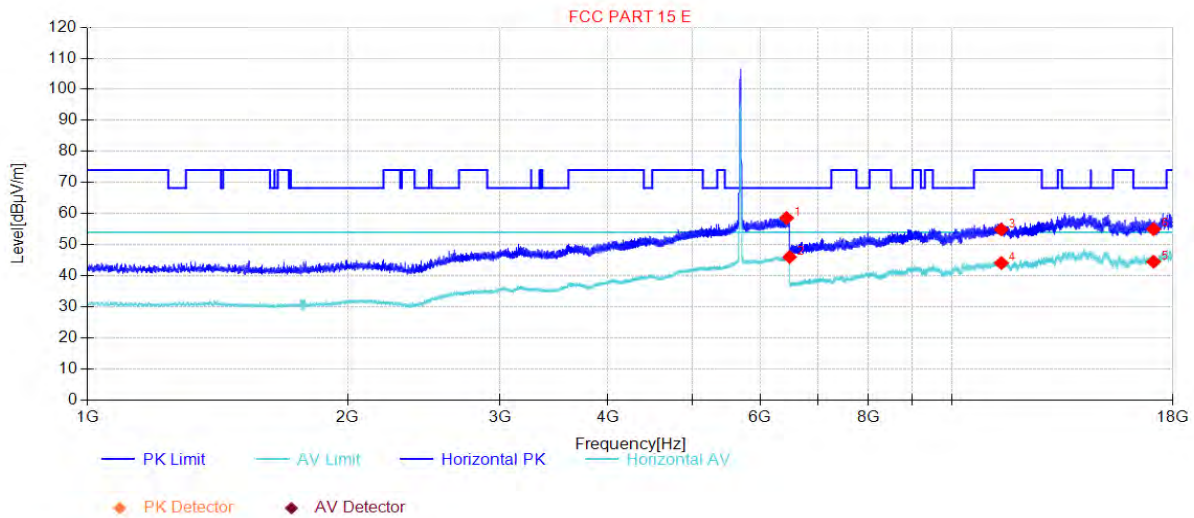
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4.9.2.83 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6435.09	58.59	18.35	68.20	9.61	188	235	Horizontal
2	6487.53	46.01	18.65	54.00	7.99	154	16	Horizontal
3	11400.0	54.87	2.54	74.00	19.13	122	164	Horizontal
4	11400.0	44.08	2.54	54.00	9.92	132	9	Horizontal
5	17100.0	44.49	5.72	54.00	9.51	183	213	Horizontal
6	17100.0	54.98	5.72	68.20	13.22	166	184	Horizontal

Final Data List



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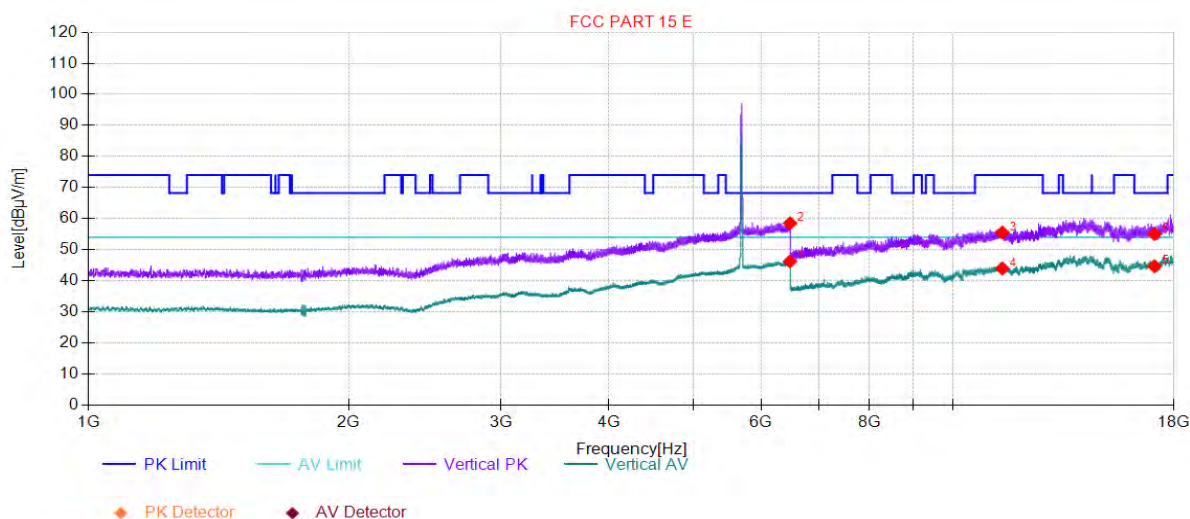
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4.9.2.84 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6476.16	46.20	18.58	54.00	7.80	245	208	Vertical
2	6478.36	58.49	18.59	68.20	9.71	232	126	Vertical
3	11400.0	55.50	2.54	74.00	18.50	365	290	Vertical
4	11400.0	43.92	2.54	54.00	10.08	278	68	Vertical
5	17100.0	44.64	5.72	54.00	9.36	343	319	Vertical
6	17100.0	55.01	5.72	68.20	13.19	233	126	Vertical

Final Data List

