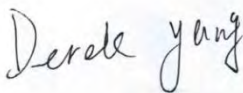


FCC TEST REPORT

Application No.: ZR/2021/30014
Applicant: vivo Mobile Communication Co., Ltd.
Address of Applicant No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong , China
Manufacturer: vivo Mobile Communication Co., Ltd.
Address of Manufacturer No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong , China
EUT Description: Mobile Phone
Model No.: V2050
Trade Mark: vivo
FCC ID: 2AUCY-V2066
Standards: 47 CFR FCC Part 2, Subpart J
47 CFR FCC Part 15, Subpart E
Date of Receipt: 2021/3/29
Date of Test: 2021/3/29 to 2021/4/28
Date of Issue: 2020/4/30(for original report ZR/2021/3001405)
2020/5/10(for report ZR/2021/3001412)
Test Result : **PASS ***

* 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		2021-05-10		Original

Authorized for issue by:		
Prepared By		 <hr/> (Dee Zheng) / Engineer
Checked By		 <hr/> (Jim Huang) / 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)			



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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: §15.209/§7.2.5 limit (AV&PK).		PASS	
	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



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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 5470-5725 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.

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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Remark :

Model No.: V2050, V2066

This test report (Ref. No.: ZR/2021/3001412) is based on the original test report (Ref. No.: ZR/2021/3001405).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

NO	Initial	Variant	Difference Description
1	V2066	V2050	The hardware is the same, V2050 the software turn on the 5G band

Considering to the difference, pre-scan was performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest. Therefore in this report all items do not need to retest and all test data in this report are base on the previous report with report number ZR/2021/3001405.



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3 General Information

3.1 Details of Client

Applicant:	vivo Mobile Communication Co., Ltd.
Address of Applicant	No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong , China
Manufacturer:	vivo Mobile Communication Co., Ltd.
Address of Manufacturer	No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong , 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,Swing Hu,Habit Zeng

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:	Leah Chen,Ken Liu,Andy Yao



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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.:	V2050
Trade Mark:	vivo
Hardware Version:	MP_0.1
Software Version:	PD2083CF_EX_A_3.6.2
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)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80/): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 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 802.11a/n/ac), <input type="checkbox"/> Diversity (for 802.11a).
Antenna Gain:	-3dBi

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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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 -3dBi.	

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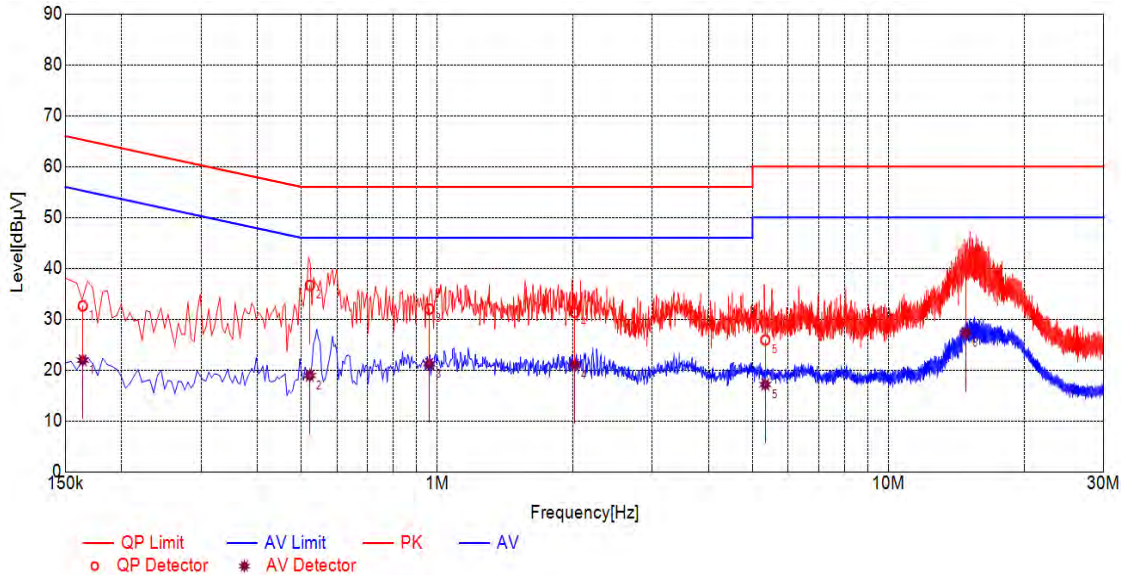
<p>Test Setup:</p>	
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.</p>
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in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



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:



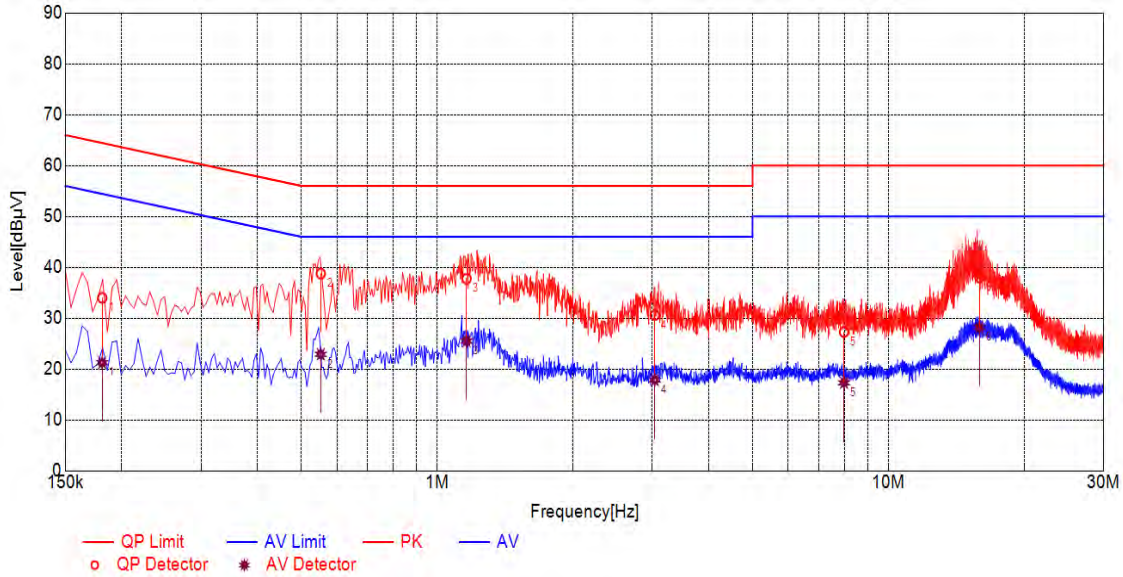
Test Graph

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	0.1640	10.10	32.62	65.26	32.64	21.93	55.26	33.33
2	0.5225	10.10	36.63	56.00	19.37	18.91	46.00	27.09
3	0.9606	10.10	32.00	56.00	24.00	21.21	46.00	24.79
4	2.0195	10.10	31.29	56.00	24.71	21.00	46.00	25.00
5	5.3368	10.10	25.92	60.00	34.08	17.17	50.00	32.83
6	14.8373	10.11	40.35	60.00	19.65	27.27	50.00	22.73



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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	0.1811	10.10	34.00	64.43	30.43	21.24	54.43	33.19
2	0.5525	10.10	38.77	56.00	17.23	22.90	46.00	23.10
3	1.1623	10.10	37.76	56.00	18.24	25.51	46.00	20.49
4	3.0371	10.10	30.61	56.00	25.39	17.84	46.00	28.16
5	7.9750	10.10	27.29	60.00	32.71	17.29	50.00	32.71
6	15.9099	10.11	38.03	60.00	21.97	28.17	50.00	21.83

Remark:

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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Shenzhen Branch Inspection & Testing Laboratory

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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:	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	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:	<p>The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.</p>
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

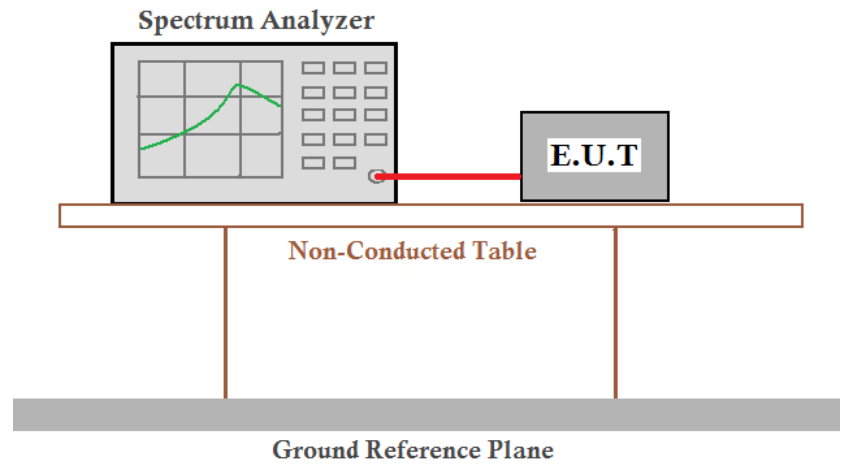
Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 6 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case 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

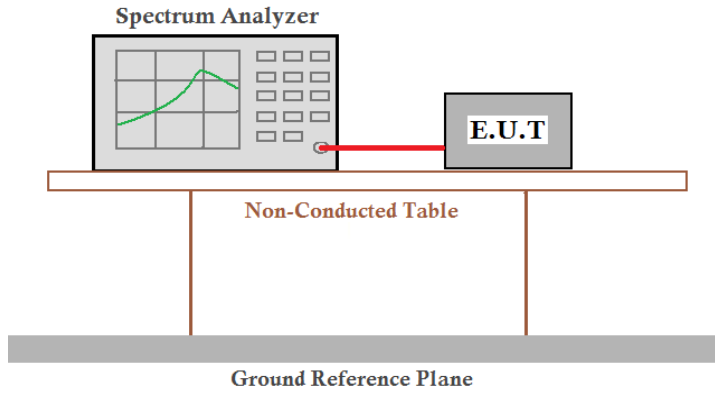
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; 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:	

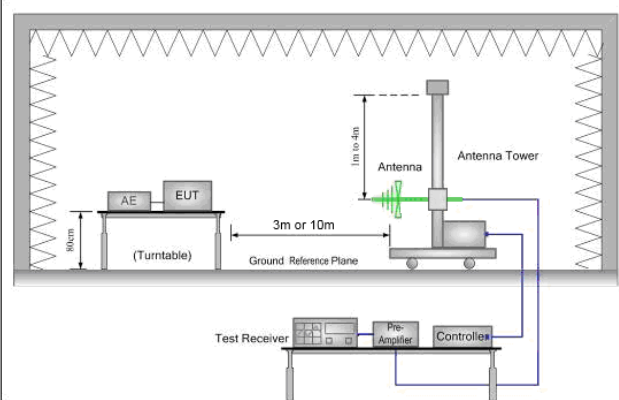


Figure 1. 30MHz to 1GHz

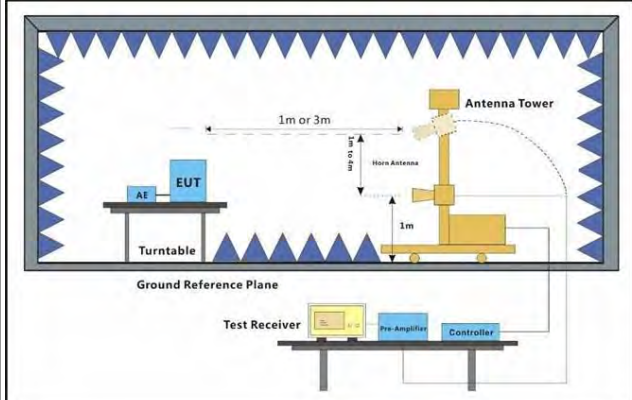


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> 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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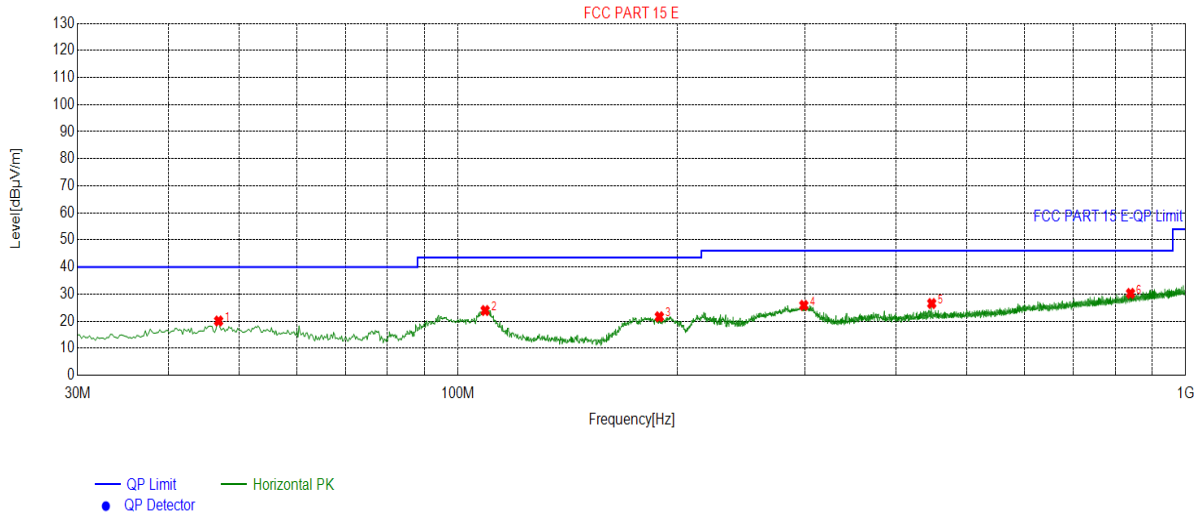
	<p>MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.</p>
Instruments Used:	Refer to section 6 for details
Test Results:	Pass



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4.9.1 Radiated emission below 1GHz

Test Graph



Suspected List

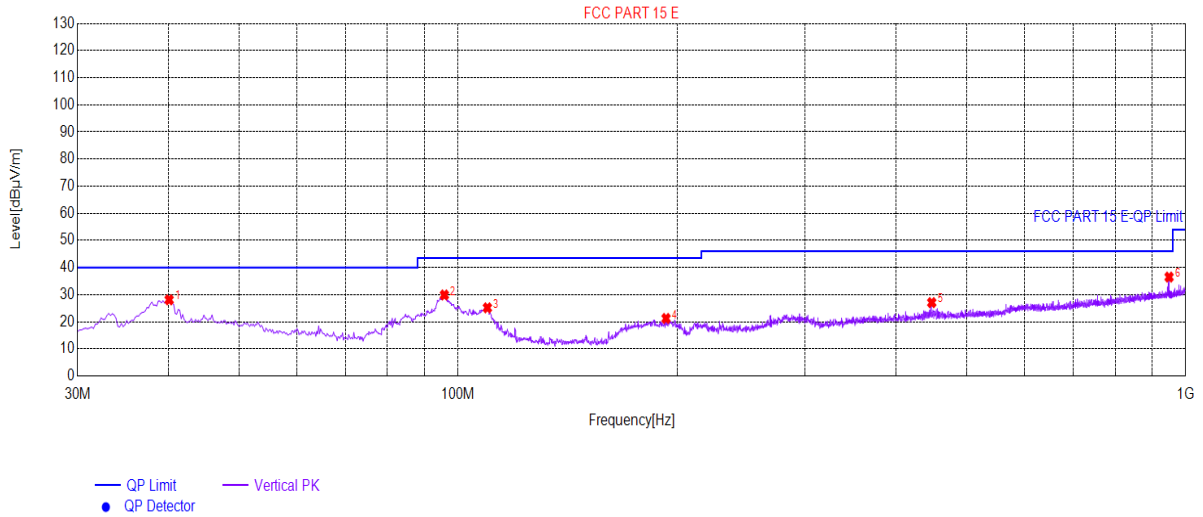
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.8814	20.07	-26.47	40.00	19.93	296	91	Horizontal
2	108.973	23.92	-28.12	43.50	19.58	235	62	Horizontal
3	189.111	21.62	-28.94	43.50	21.88	213	210	Horizontal
4	298.743	25.82	-25.93	46.00	20.18	201	48	Horizontal
5	447.765	26.53	-22.05	46.00	19.47	245	256	Horizontal
6	839.918	30.25	-15.17	46.00	15.75	222	274	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	40.0900	28.10	-27.46	40.00	11.90	156	305	Vertical
2	95.7792	29.89	-28.85	43.50	13.61	352	252	Vertical
3	109.750	25.15	-28.12	43.50	18.35	256	220	Vertical
4	193.186	21.23	-28.57	43.50	22.27	259	40	Vertical
5	447.765	27.07	-22.05	46.00	18.93	120	18	Vertical
6	948.967	36.49	-13.88	46.00	9.51	300	178	Vertical

Final Data List

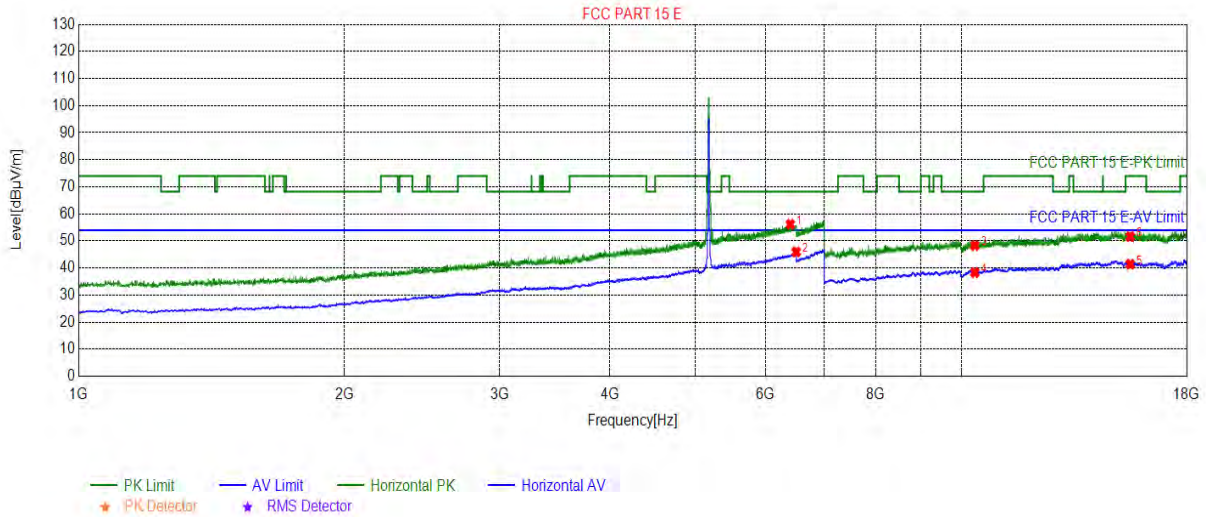


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4.9.2 Transmitter emission above 1GHz 4.9.2.1 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6402.92	56.16	20.05	68.20	12.04	157	269	Horizontal
2	6501.93	45.96	20.46	54.00	8.04	165	179	Horizontal
3	10360.0	48.33	-2.33	68.20	19.87	174	352	Horizontal
4	10360.0	38.34	-2.33	54.00	15.66	181	328	Horizontal
5	15540.0	41.40	2.07	54.00	12.60	162	360	Horizontal
6	15540.0	51.61	2.07	74.00	22.39	155	212	Horizontal

Final Data List

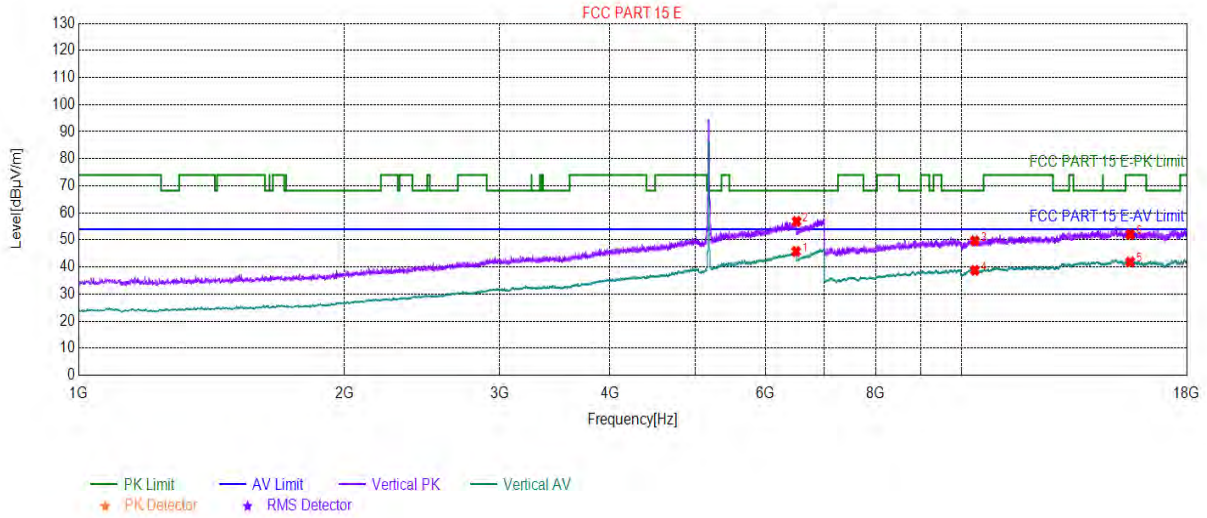


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4.9.2.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6499.68	45.73	20.51	54.00	8.27	225	44	Vertical
2	6506.43	56.83	20.25	68.20	11.37	241	308	Vertical
3	10360.0	49.71	-2.33	68.20	18.49	223	158	Vertical
4	10360.0	38.78	-2.33	54.00	15.22	262	169	Vertical
5	15540.0	41.85	2.07	54.00	12.15	274	289	Vertical
6	15540.0	52.05	2.07	74.00	21.95	286	113	Vertical

Final Data List

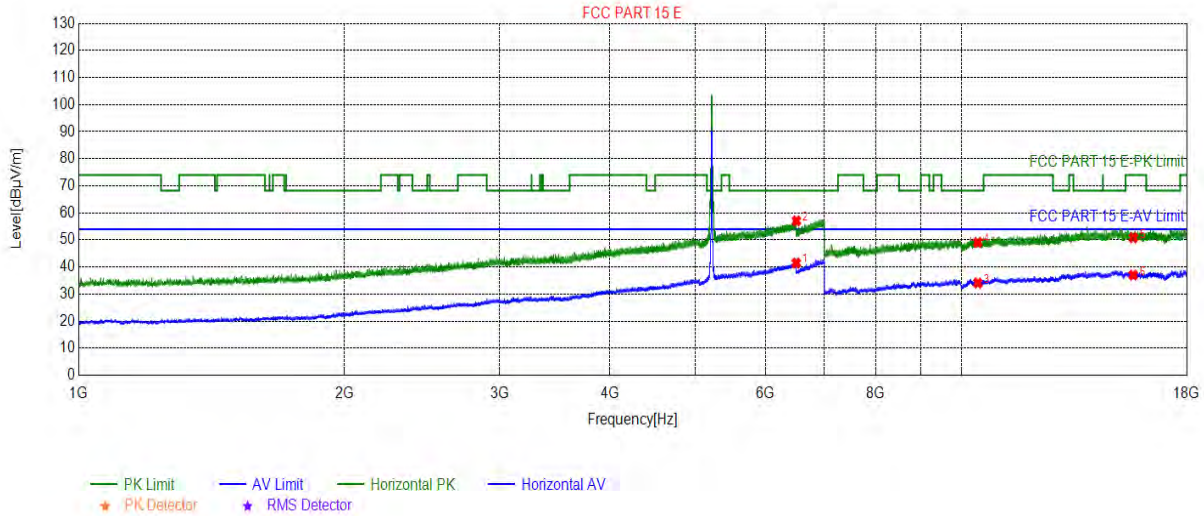


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4.9.2.3 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6501.37	41.46	20.48	54.00	12.54	157	10	Horizontal
2	6504.97	57.04	20.32	68.20	11.16	174	75	Horizontal
3	10440.0	34.09	-2.03	54.00	19.91	162	271	Horizontal
4	10440.0	49.09	-2.03	68.20	19.11	145	329	Horizontal
5	15660.0	50.79	1.53	74.00	23.21	163	59	Horizontal
6	15660.0	37.01	1.53	54.00	16.99	189	106	Horizontal

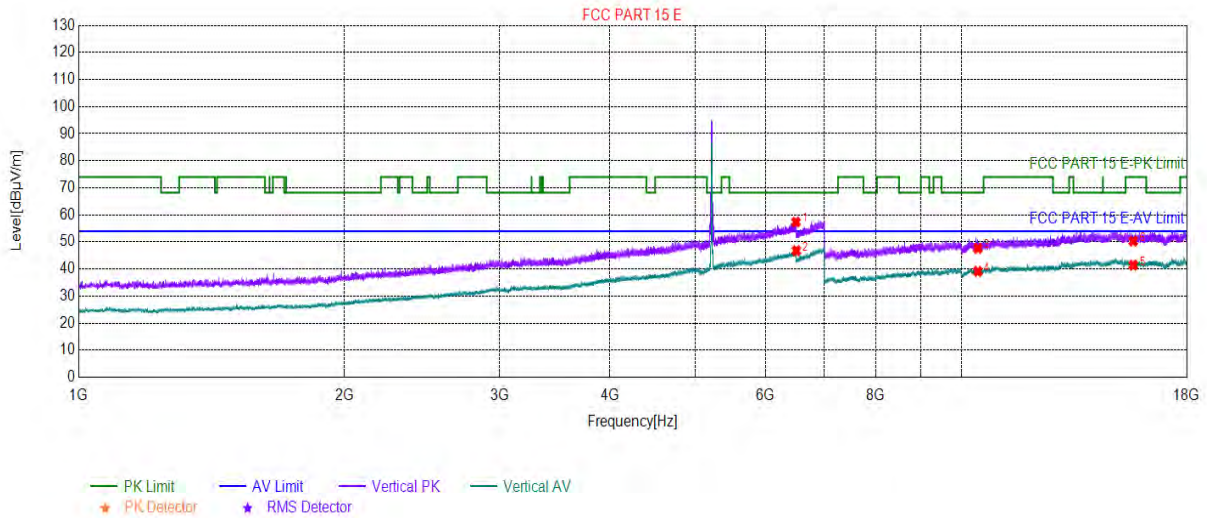
Final Data List



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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	6497.47	57.34	20.30	68.20	10.86	252	305	Vertical
2	6502.87	46.78	20.41	54.00	7.22	274	102	Vertical
3	10440.0	47.61	-2.03	68.20	20.59	263	358	Vertical
4	10440.0	39.11	-2.03	54.00	14.89	241	360	Vertical
5	15660.0	41.41	1.53	54.00	12.59	225	125	Vertical
6	15660.0	50.32	1.53	74.00	23.68	229	141	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6497.47	57.34	20.30	68.20	10.86	252	305	Vertical
2	6502.87	46.78	20.41	54.00	7.22	274	102	Vertical
3	10440.0	47.61	-2.03	68.20	20.59	263	358	Vertical
4	10440.0	39.11	-2.03	54.00	14.89	241	360	Vertical
5	15660.0	41.41	1.53	54.00	12.59	225	125	Vertical
6	15660.0	50.32	1.53	74.00	23.68	229	141	Vertical



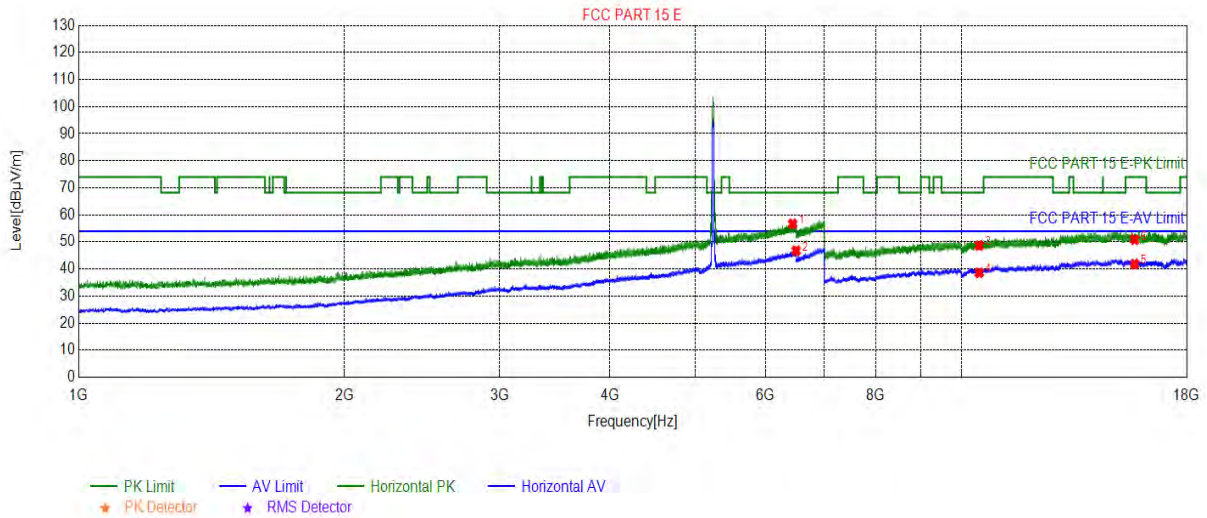
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4.9.2.5 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6441.07	56.69	20.20	68.20	11.51	157	78	Horizontal
2	6499.87	46.76	20.53	54.00	7.24	195	188	Horizontal
3	10480.0	48.67	-1.93	68.20	19.53	148	42	Horizontal
4	10480.0	38.61	-1.93	54.00	15.39	163	142	Horizontal
5	15720.0	41.82	1.46	54.00	12.18	186	100	Horizontal
6	15720.0	50.81	1.46	74.00	23.19	155	26	Horizontal

Final Data List



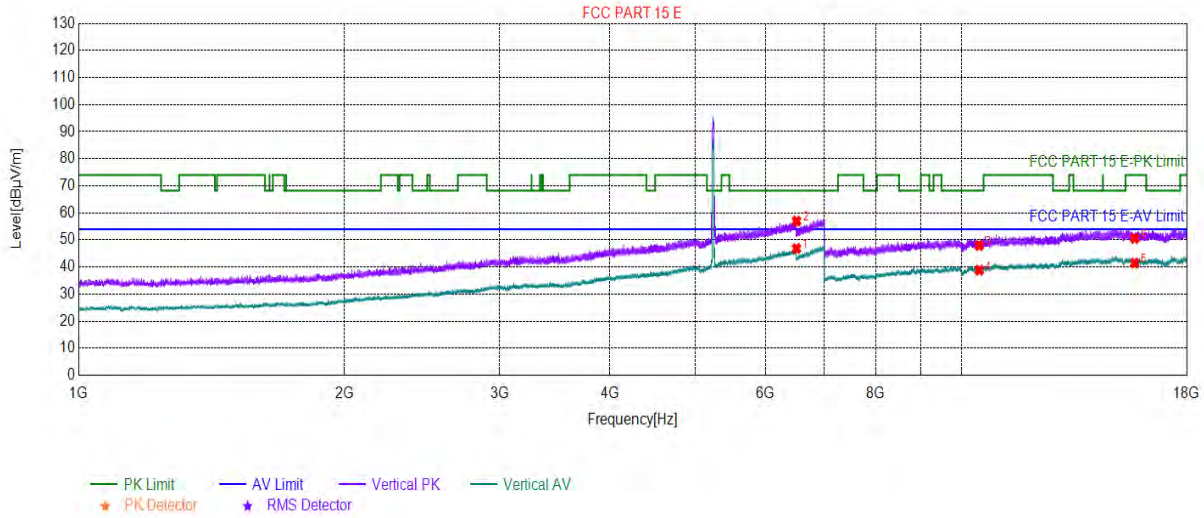
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4.9.2.6 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6505.27	46.85	20.30	54.00	7.15	224	62	Vertical
2	6507.97	56.99	20.18	68.20	11.21	241	204	Vertical
3	10480.0	47.96	-1.93	68.20	20.24	232	171	Vertical
4	10480.0	38.86	-1.93	54.00	15.14	241	84	Vertical
5	15720.0	41.48	1.46	54.00	12.52	274	252	Vertical
6	15720.0	50.58	1.46	74.00	23.42	296	176	Vertical

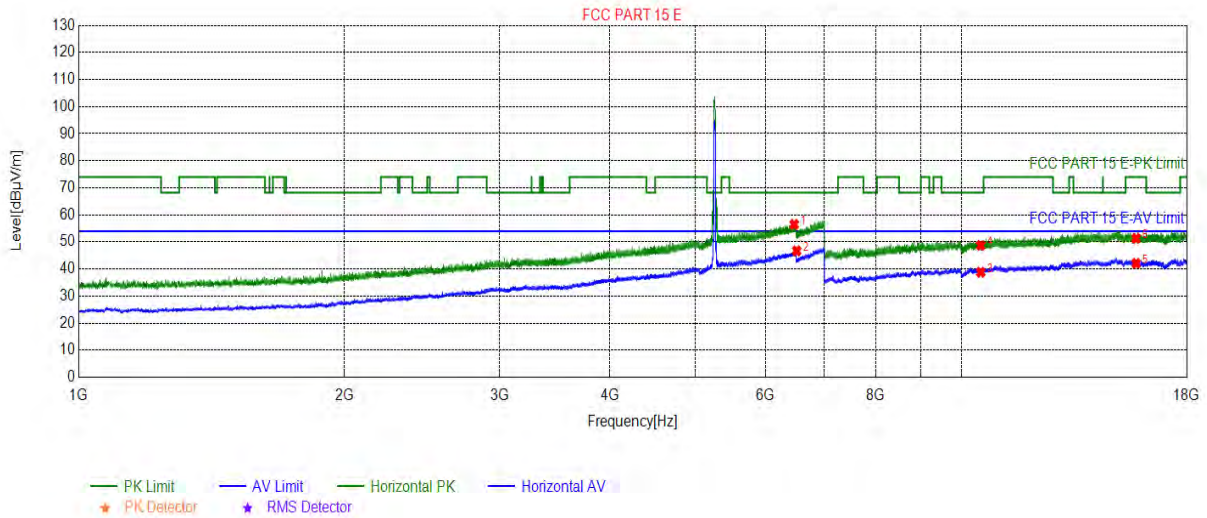
Final Data List



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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	6467.17	56.48	19.82	68.20	11.72	155	203	Horizontal
2	6509.47	46.71	20.11	54.00	7.29	174	255	Horizontal
3	10520.0	38.82	-1.91	54.00	15.18	184	79	Horizontal
4	10520.0	48.72	-1.91	68.20	19.48	165	254	Horizontal
5	15780.0	42.10	1.54	54.00	11.90	194	260	Horizontal
6	15780.0	51.31	1.54	74.00	22.69	163	138	Horizontal

Final Data List

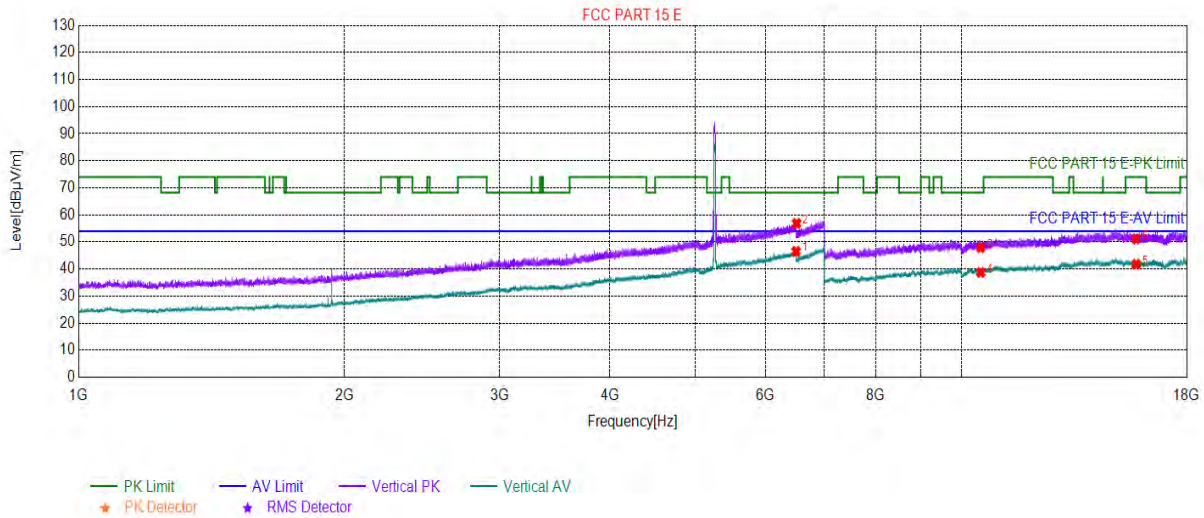


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4.9.2.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6499.57	46.53	20.50	54.00	7.47	275	358	Vertical
2	6507.07	56.84	20.22	68.20	11.36	262	178	Vertical
3	10520.0	47.91	-1.91	68.20	20.29	248	318	Vertical
4	10520.0	38.75	-1.91	54.00	15.25	265	142	Vertical
5	15780.0	41.78	1.54	54.00	12.22	241	6	Vertical
6	15780.0	51.07	1.54	74.00	22.93	224	48	Vertical

Final Data List

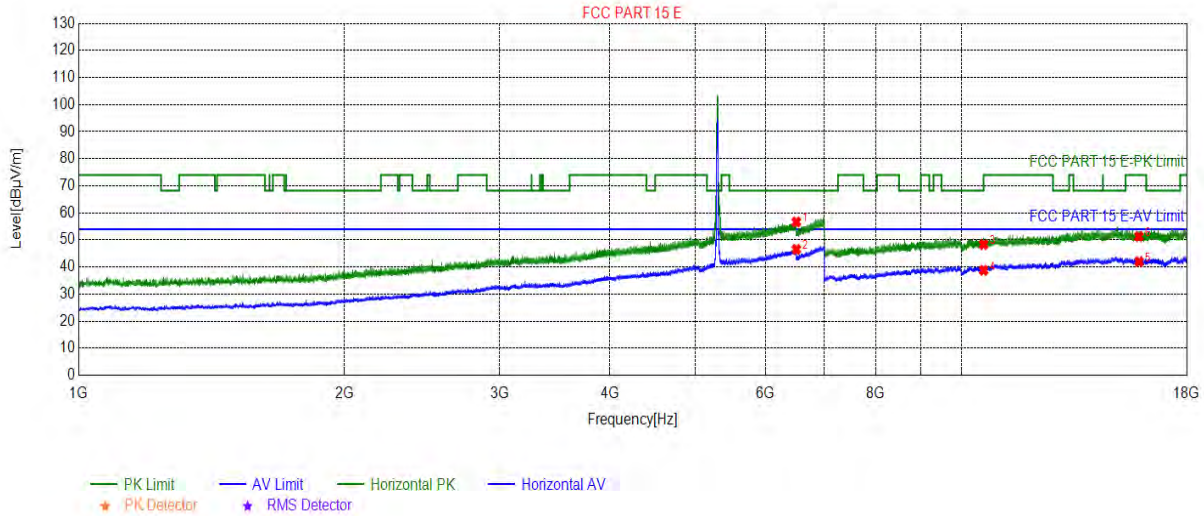


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4.9.2.9 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6501.67	56.66	20.47	68.20	11.54	151	338	Horizontal
2	6504.37	46.53	20.34	54.00	7.47	162	147	Horizontal
3	10600.0	48.31	-1.66	74.00	25.69	174	342	Horizontal
4	10600.0	38.79	-1.66	54.00	15.21	189	347	Horizontal
5	15900.0	41.96	1.46	54.00	12.04	184	208	Horizontal
6	15900.0	51.25	1.46	74.00	22.75	165	48	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6501.67	56.66	20.47	68.20	11.54	151	338	Horizontal
2	6504.37	46.53	20.34	54.00	7.47	162	147	Horizontal
3	10600.0	48.31	-1.66	74.00	25.69	174	342	Horizontal
4	10600.0	38.79	-1.66	54.00	15.21	189	347	Horizontal
5	15900.0	41.96	1.46	54.00	12.04	184	208	Horizontal
6	15900.0	51.25	1.46	74.00	22.75	165	48	Horizontal

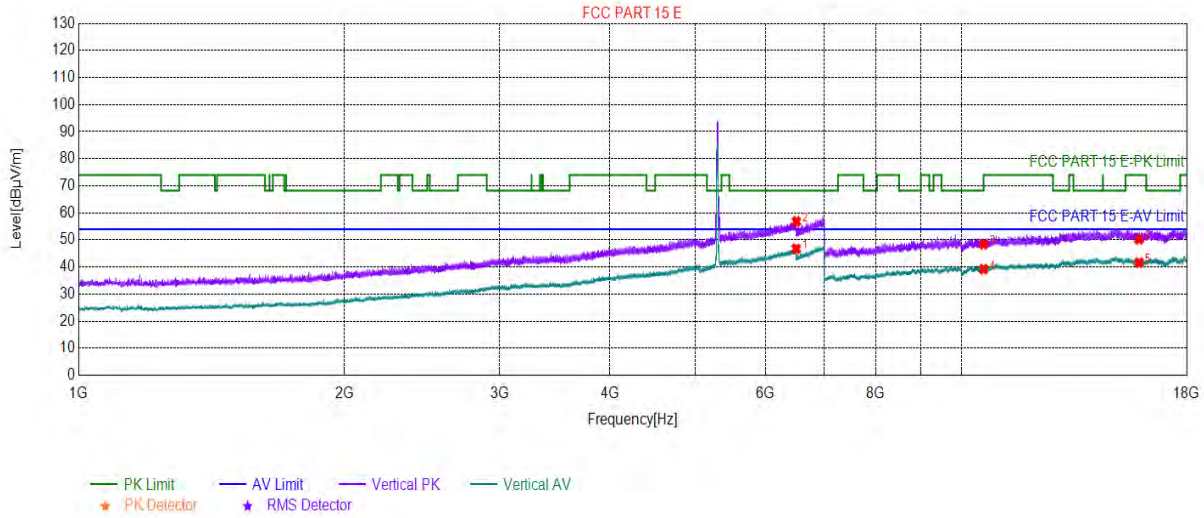


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4.9.2.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6500.77	46.72	20.51	54.00	7.28	224	334	Vertical
2	6504.37	56.85	20.34	68.20	11.35	241	211	Vertical
3	10600.0	48.42	-1.66	74.00	25.58	263	117	Vertical
4	10600.0	39.23	-1.66	54.00	14.77	251	64	Vertical
5	15900.0	41.60	1.46	54.00	12.40	262	182	Vertical
6	15900.0	50.22	1.46	74.00	23.78	243	48	Vertical

Final Data List

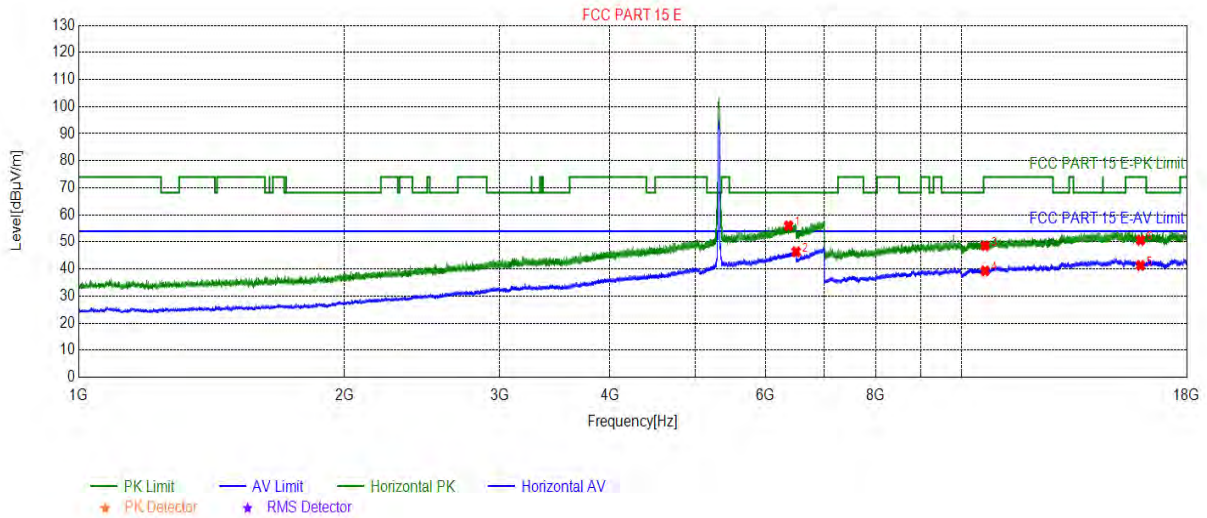


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4.9.2.11 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6371.76	56.00	20.00	68.20	12.20	151	318	Horizontal
2	6501.37	46.36	20.48	54.00	7.64	174	134	Horizontal
3	10640.0	48.58	-1.85	74.00	25.42	162	133	Horizontal
4	10640.0	39.29	-1.85	54.00	14.71	164	133	Horizontal
5	15960.0	41.31	0.90	54.00	12.69	195	354	Horizontal
6	15960.0	50.61	0.90	74.00	23.39	165	86	Horizontal

Final Data List

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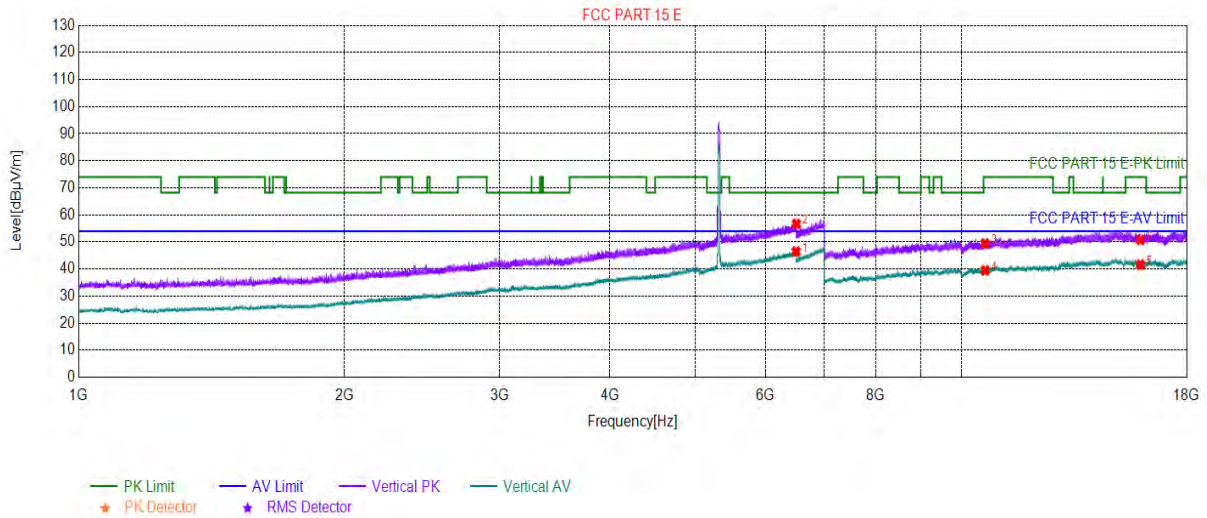


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4.9.2.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6499.87	46.46	20.53	54.00	7.54	252	339	Vertical
2	6505.57	56.68	20.29	68.20	11.52	241	308	Vertical
3	10640.0	49.43	-1.85	74.00	24.57	263	256	Vertical
4	10640.0	39.51	-1.85	54.00	14.49	274	277	Vertical
5	15960.0	41.64	0.90	54.00	12.36	281	127	Vertical
6	15960.0	50.77	0.90	74.00	23.23	229	175	Vertical

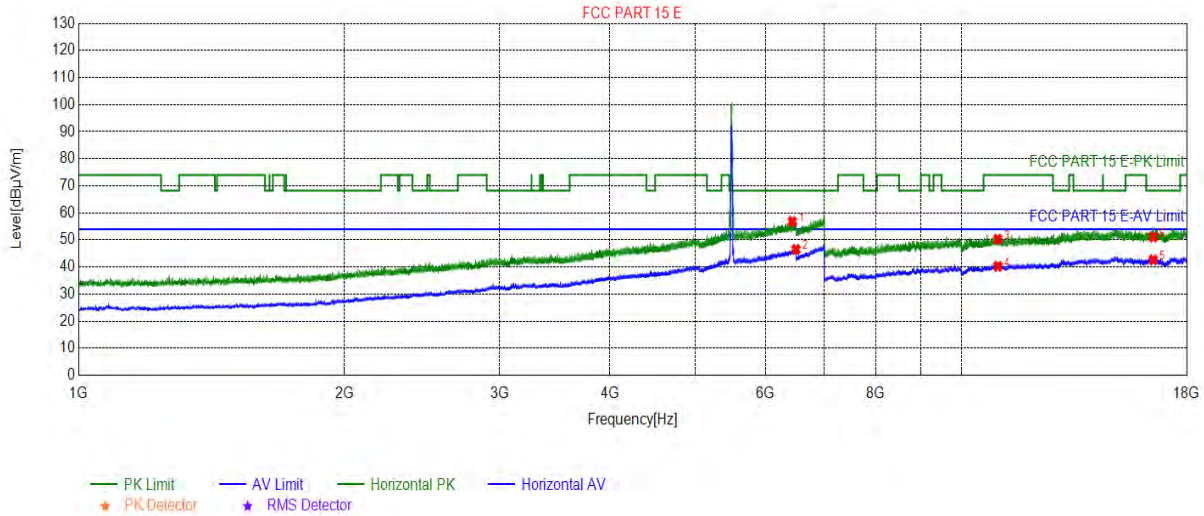
Final Data List



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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	6437.17	56.82	20.16	68.20	11.38	155	188	Horizontal
2	6497.47	46.51	20.30	54.00	7.49	165	28	Horizontal
3	11000.0	50.30	-0.75	74.00	23.70	174	349	Horizontal
4	11000.0	40.26	-0.75	54.00	13.74	186	102	Horizontal
5	16500.0	42.62	0.43	54.00	11.38	195	324	Horizontal
6	16500.0	51.10	0.43	68.20	17.10	176	209	Horizontal

Final Data List

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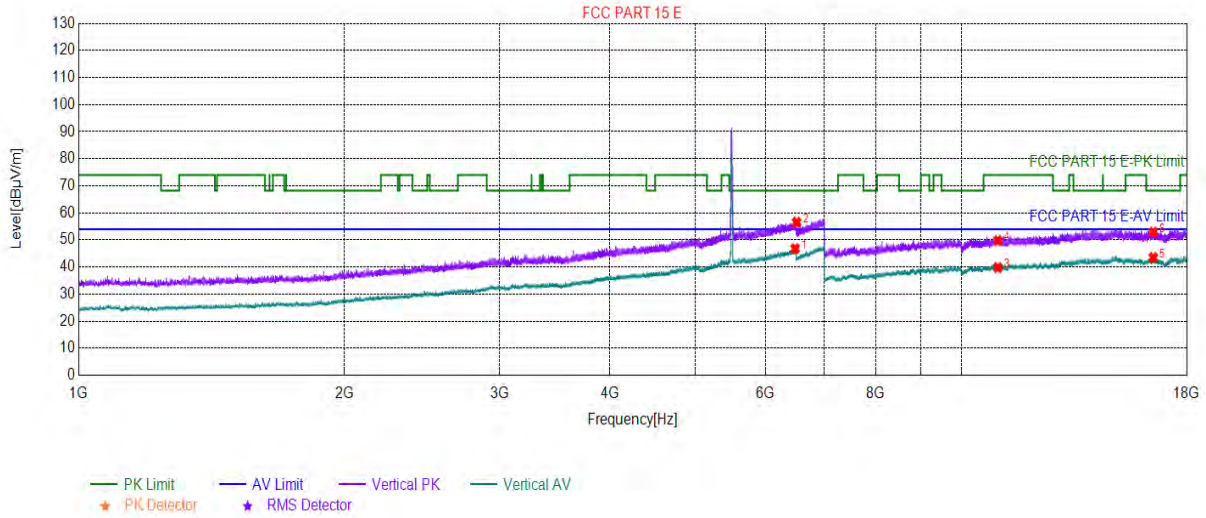


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4.9.2.14 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6482.77	46.77	19.96	54.00	7.23	225	154	Vertical
2	6508.57	56.53	20.15	68.20	11.67	241	180	Vertical
3	11000.0	39.80	-0.75	54.00	14.20	236	108	Vertical
4	11000.0	49.76	-0.75	74.00	24.24	231	281	Vertical
5	16500.0	43.49	0.43	54.00	10.51	223	18	Vertical
6	16500.0	52.89	0.43	68.20	15.31	274	18	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6482.77	46.77	19.96	54.00	7.23	225	154	Vertical
2	6508.57	56.53	20.15	68.20	11.67	241	180	Vertical
3	11000.0	39.80	-0.75	54.00	14.20	236	108	Vertical
4	11000.0	49.76	-0.75	74.00	24.24	231	281	Vertical
5	16500.0	43.49	0.43	54.00	10.51	223	18	Vertical
6	16500.0	52.89	0.43	68.20	15.31	274	18	Vertical

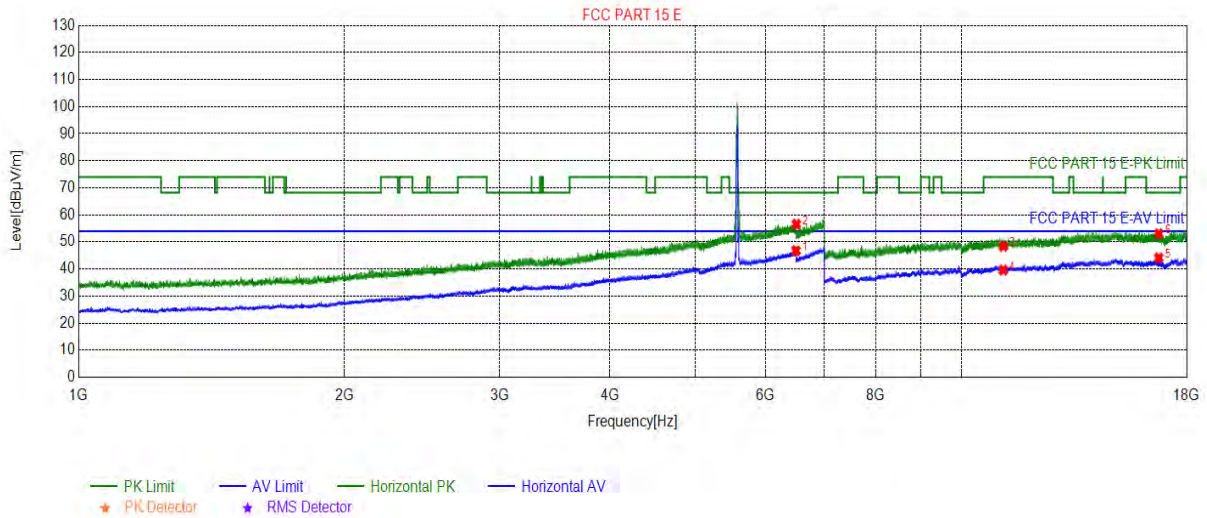


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4.9.2.15 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6497.77	46.76	20.33	54.00	7.24	157	40	Horizontal
2	6503.77	56.57	20.37	68.20	11.63	165	86	Horizontal
3	11160.0	48.42	-0.59	74.00	25.58	174	335	Horizontal
4	11160.0	39.59	-0.59	54.00	14.41	195	122	Horizontal
5	16740.0	44.07	0.86	54.00	9.93	184	314	Horizontal
6	16740.0	53.00	0.86	68.20	15.20	168	320	Horizontal

Final Data List

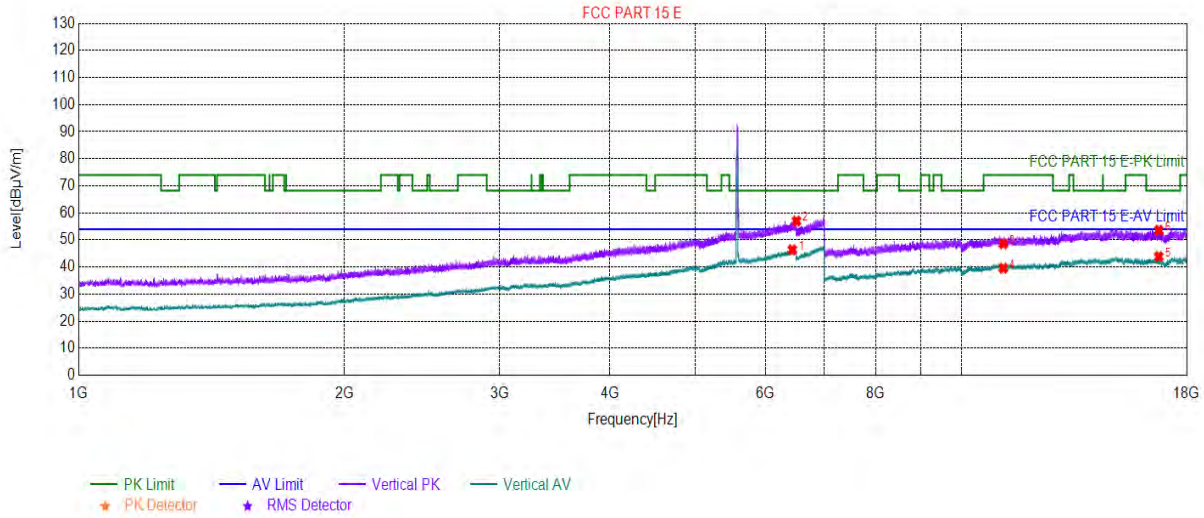
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6497.77	46.76	20.33	54.00	7.24	157	40	Horizontal
2	6503.77	56.57	20.37	68.20	11.63	165	86	Horizontal
3	11160.0	48.42	-0.59	74.00	25.58	174	335	Horizontal
4	11160.0	39.59	-0.59	54.00	14.41	195	122	Horizontal
5	16740.0	44.07	0.86	54.00	9.93	184	314	Horizontal
6	16740.0	53.00	0.86	68.20	15.20	168	320	Horizontal



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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	6436.27	46.34	20.13	54.00	7.66	225	274	Vertical
2	6506.77	56.98	20.23	68.20	11.22	274	354	Vertical
3	11160.0	48.60	-0.59	74.00	25.40	263	132	Vertical
4	11160.0	39.56	-0.59	54.00	14.44	247	319	Vertical
5	16740.0	43.84	0.86	54.00	10.16	241	18	Vertical
6	16740.0	53.54	0.86	68.20	14.66	226	18	Vertical

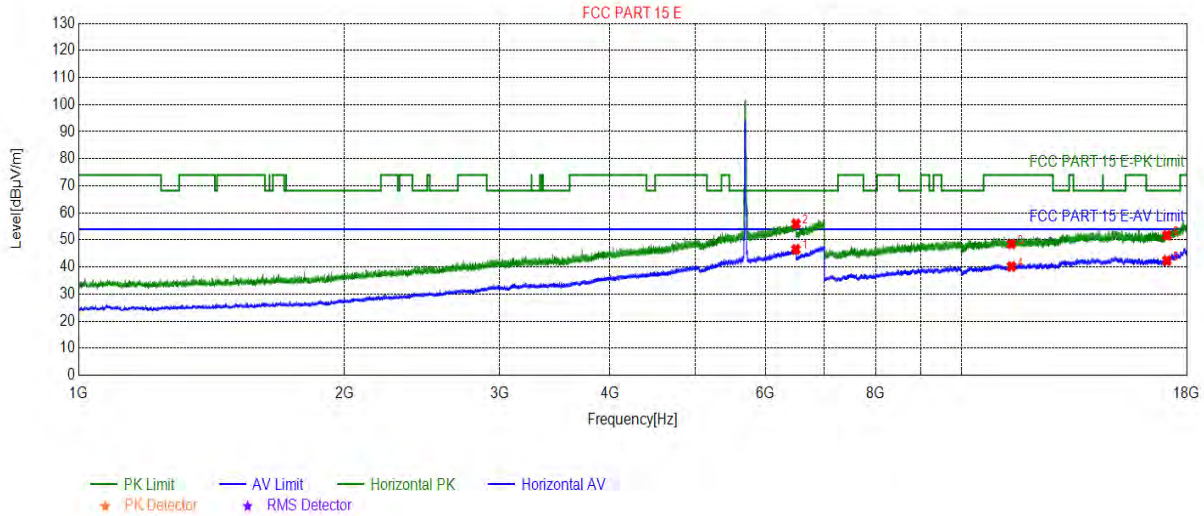
Final Data List



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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	6497.17	46.52	20.27	54.00	7.48	157	61	Horizontal
2	6497.77	55.91	20.33	68.20	12.29	165	219	Horizontal
3	11400.0	48.56	-0.52	74.00	25.44	198	336	Horizontal
4	11400.0	40.21	-0.52	54.00	13.79	179	326	Horizontal
5	17100.0	42.38	0.44	54.00	11.62	165	275	Horizontal
6	17100.0	51.69	0.44	68.20	16.51	184	53	Horizontal

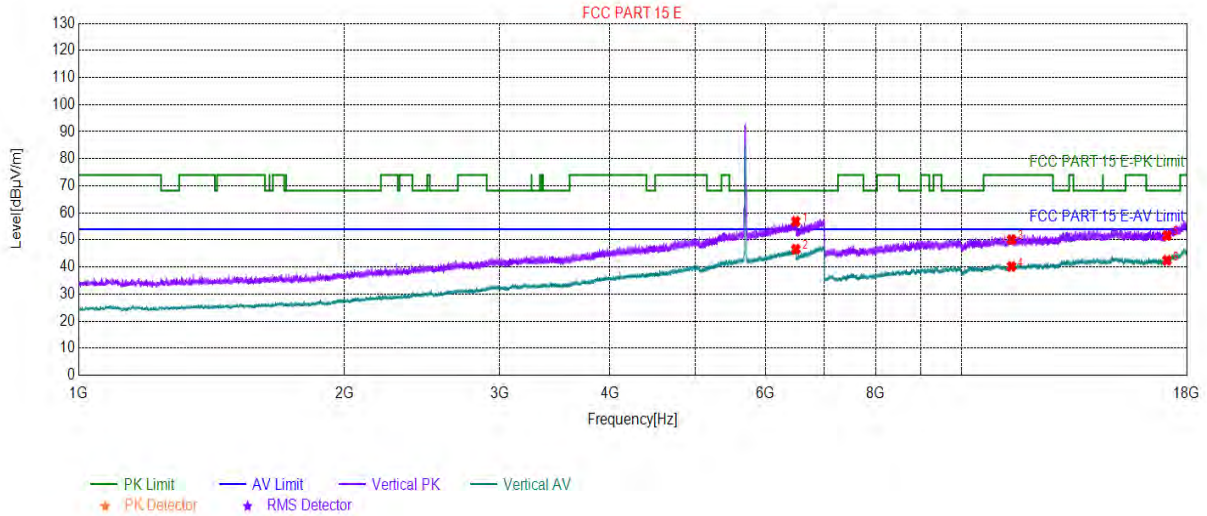
Final Data List



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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	6493.27	56.85	19.89	68.20	11.35	245	184	Vertical
2	6495.97	46.59	20.15	54.00	7.41	241	0	Vertical
3	11400.0	50.13	-0.52	74.00	23.87	231	288	Vertical
4	11400.0	40.21	-0.52	54.00	13.79	224	200	Vertical
5	17100.0	51.62	0.44	68.20	16.58	287	181	Vertical
6	17100.0	42.47	0.44	54.00	11.53	261	27	Vertical

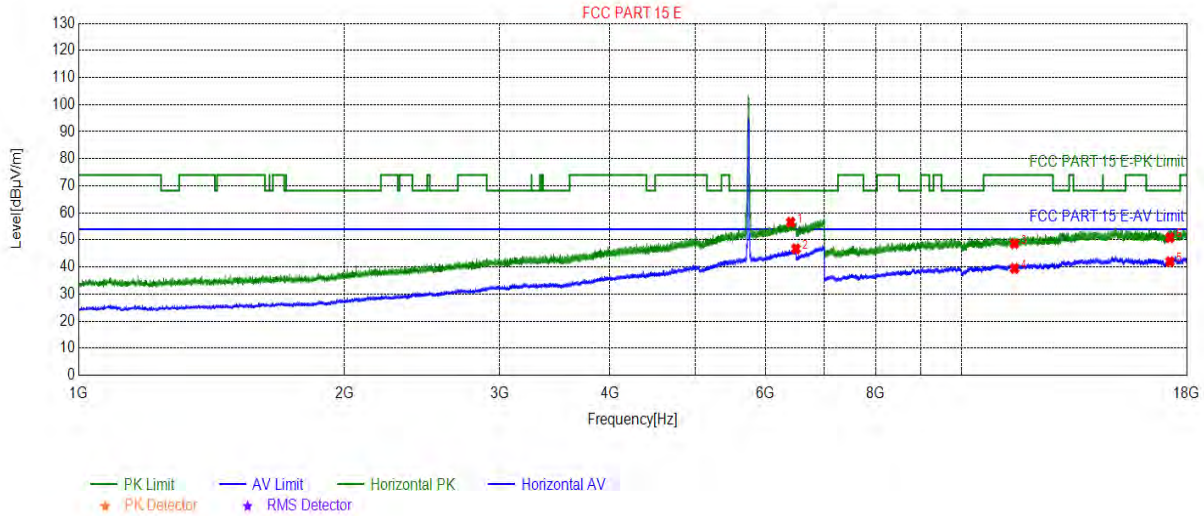
Final Data List



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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	6408.67	56.52	19.85	68.20	11.68	157	153	Horizontal
2	6497.47	46.73	20.30	54.00	7.27	169	46	Horizontal
3	11490.0	48.63	-0.61	74.00	25.37	174	285	Horizontal
4	11490.0	39.49	-0.61	54.00	14.51	195	341	Horizontal
5	17235.0	41.97	0.36	54.00	12.03	183	360	Horizontal
6	17235.0	50.86	0.36	68.20	17.34	174	96	Horizontal

Final Data List

(This section is intentionally left blank in the provided image.)

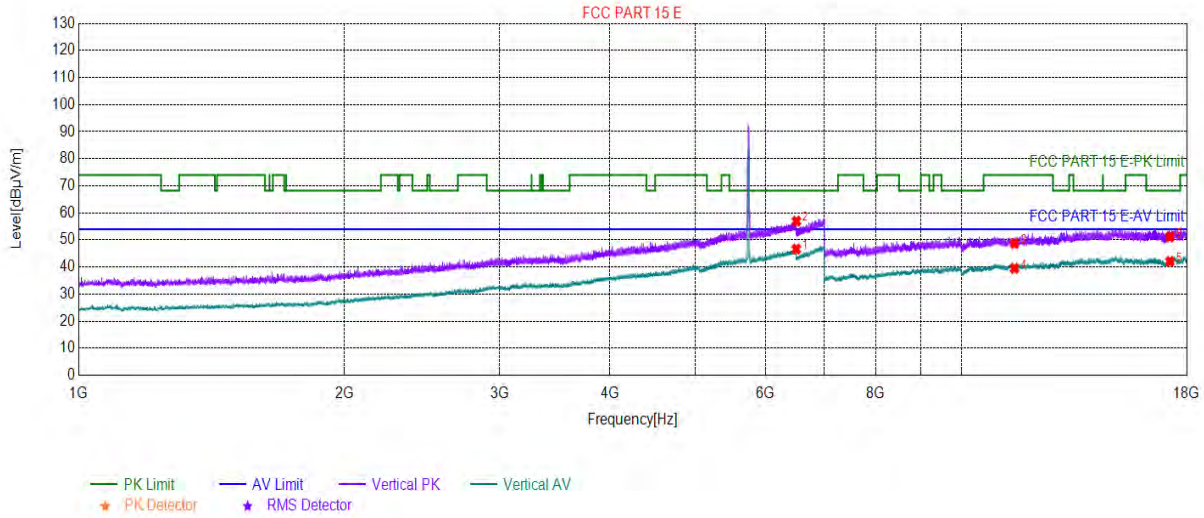


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4.9.2.20 802.11A_Channel 149

Test Graph



Suspected List

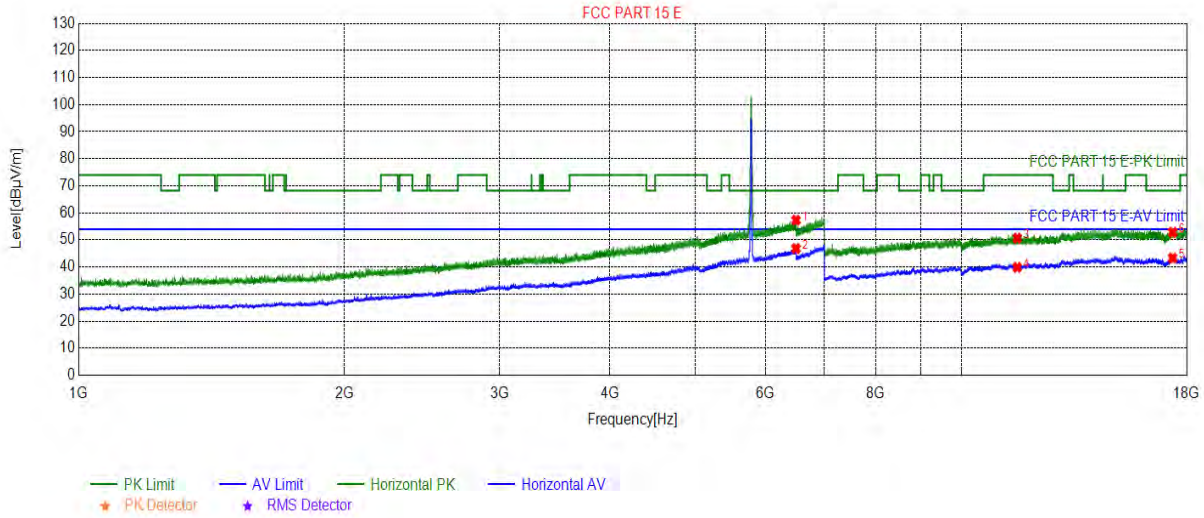
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6502.87	46.64	20.41	54.00	7.36	225	149	Vertical
2	6504.67	56.95	20.33	68.20	11.25	244	171	Vertical
3	11490.0	48.70	-0.61	74.00	25.30	262	49	Vertical
4	11490.0	39.51	-0.61	54.00	14.49	274	44	Vertical
5	17235.0	42.04	0.36	54.00	11.96	296	250	Vertical
6	17235.0	51.14	0.36	68.20	17.06	248	124	Vertical

Final Data List

(This section is intentionally left blank in the provided image.)

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	6497.17	57.30	20.27	68.20	10.90	174	286	Horizontal
2	6497.77	46.82	20.33	54.00	7.18	165	110	Horizontal
3	11570.0	50.67	-0.41	74.00	23.33	194	335	Horizontal
4	11570.0	39.87	-0.41	54.00	14.13	184	358	Horizontal
5	17355.0	43.28	1.22	54.00	10.72	167	28	Horizontal
6	17355.0	52.85	1.22	68.20	15.35	166	358	Horizontal

Final Data List

(This section is intentionally left blank in the provided image.)

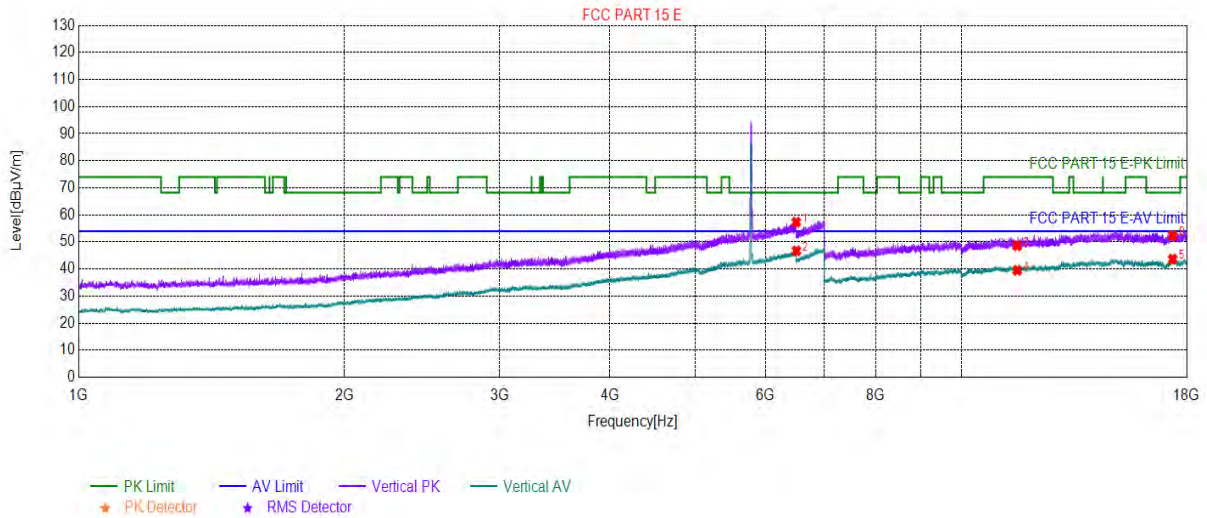


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4.9.2.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6500.77	57.30	20.51	68.20	10.90	224	308	Vertical
2	6504.37	46.72	20.34	54.00	7.28	214	277	Vertical
3	11570.0	48.62	-0.41	74.00	25.38	230	6	Vertical
4	11570.0	39.52	-0.41	54.00	14.48	241	334	Vertical
5	17355.0	43.67	1.22	54.00	10.33	278	288	Vertical
6	17355.0	52.32	1.22	68.20	15.88	256	288	Vertical

Final Data List

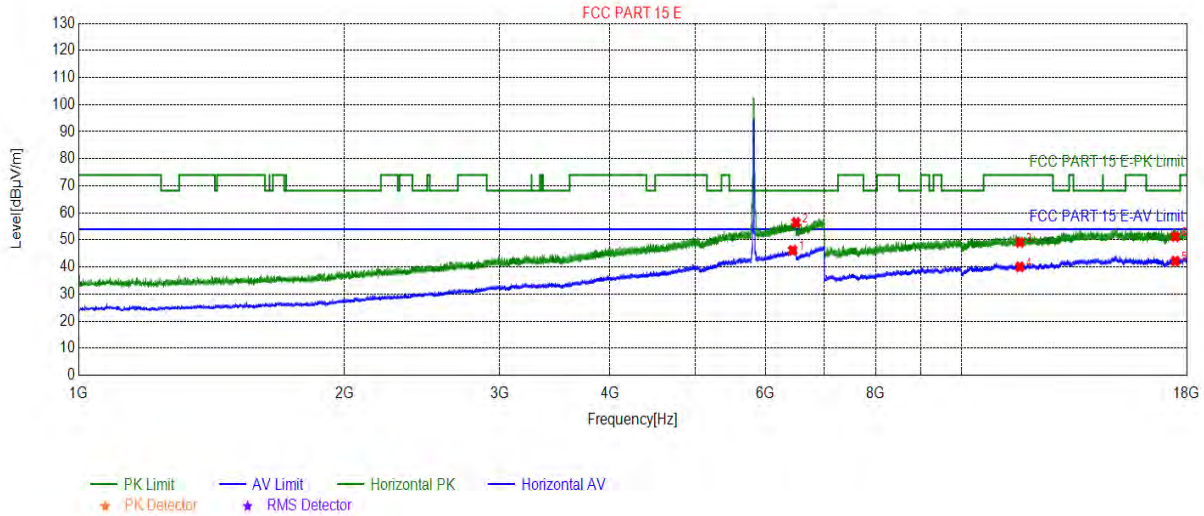


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4.9.2.23 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6442.27	46.16	20.17	54.00	7.84	151	88	Horizontal
2	6498.07	56.41	20.36	68.20	11.79	184	115	Horizontal
3	11650.0	49.16	0.03	74.00	24.84	168	302	Horizontal
4	11650.0	40.06	0.03	54.00	13.94	178	68	Horizontal
5	17475.0	42.17	1.66	54.00	11.83	198	254	Horizontal
6	17475.0	51.21	1.66	68.20	16.99	176	238	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6442.27	46.16	20.17	54.00	7.84	151	88	Horizontal
2	6498.07	56.41	20.36	68.20	11.79	184	115	Horizontal
3	11650.0	49.16	0.03	74.00	24.84	168	302	Horizontal
4	11650.0	40.06	0.03	54.00	13.94	178	68	Horizontal
5	17475.0	42.17	1.66	54.00	11.83	198	254	Horizontal
6	17475.0	51.21	1.66	68.20	16.99	176	238	Horizontal



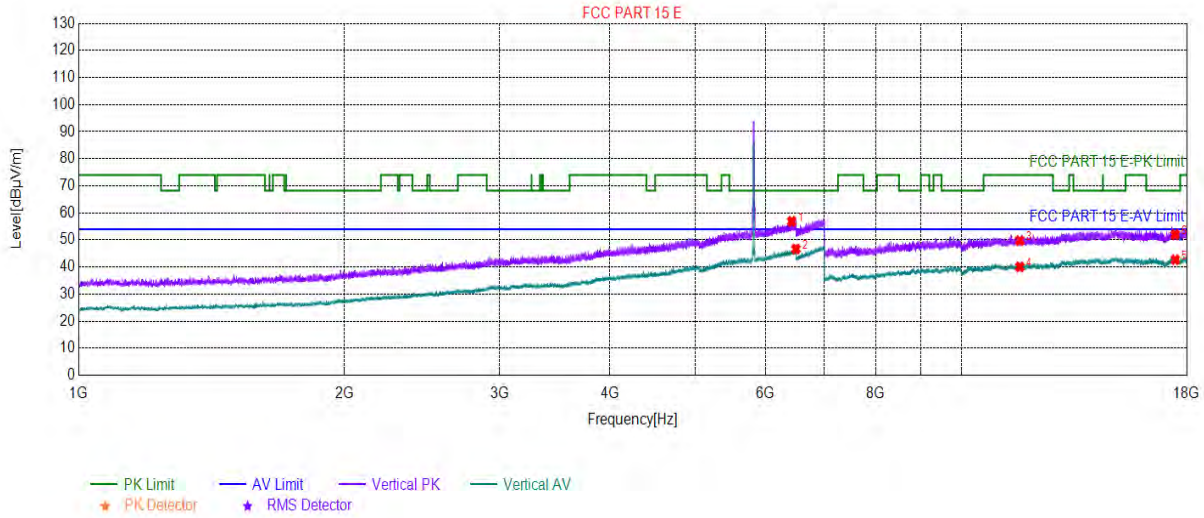
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4.9.2.24 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6426.37	56.85	19.99	68.20	11.35	222	349	Vertical
2	6495.97	46.68	20.15	54.00	7.32	241	285	Vertical
3	11650.0	49.79	0.03	74.00	24.21	263	43	Vertical
4	11650.0	40.05	0.03	54.00	13.95	244	28	Vertical
5	17475.0	42.69	1.66	54.00	11.31	265	170	Vertical
6	17475.0	51.99	1.66	68.20	16.21	274	291	Vertical

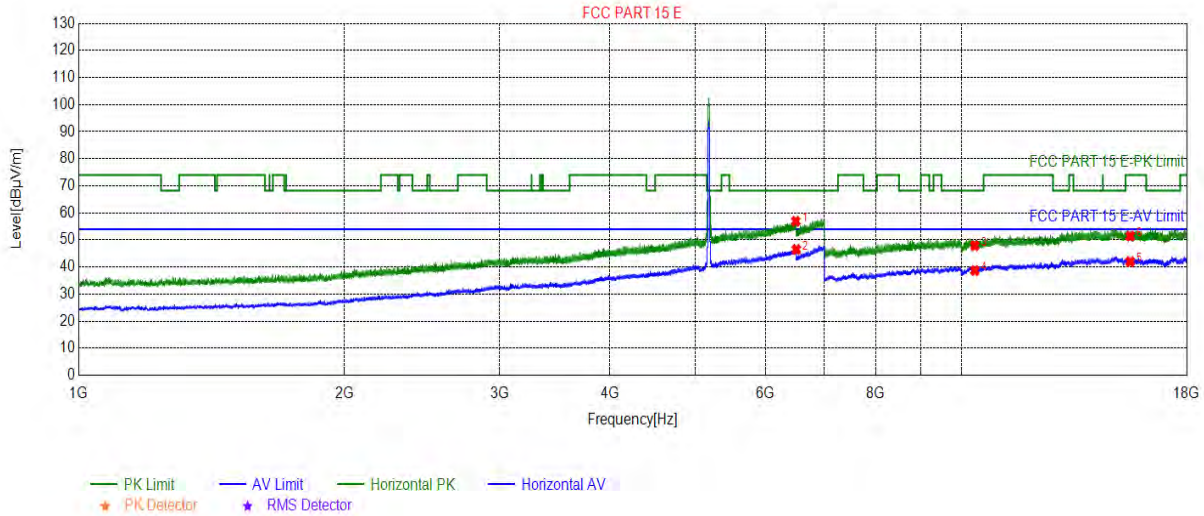
Final Data List



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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	6493.57	56.91	19.92	68.20	11.29	155	112	Horizontal
2	6502.87	46.46	20.41	54.00	7.54	174	208	Horizontal
3	10360.0	47.90	-2.34	68.20	20.30	165	228	Horizontal
4	10360.0	38.70	-2.34	54.00	15.30	148	64	Horizontal
5	15540.0	41.99	2.07	54.00	12.01	198	12	Horizontal
6	15540.0	51.38	2.07	74.00	22.62	176	196	Horizontal

Final Data List

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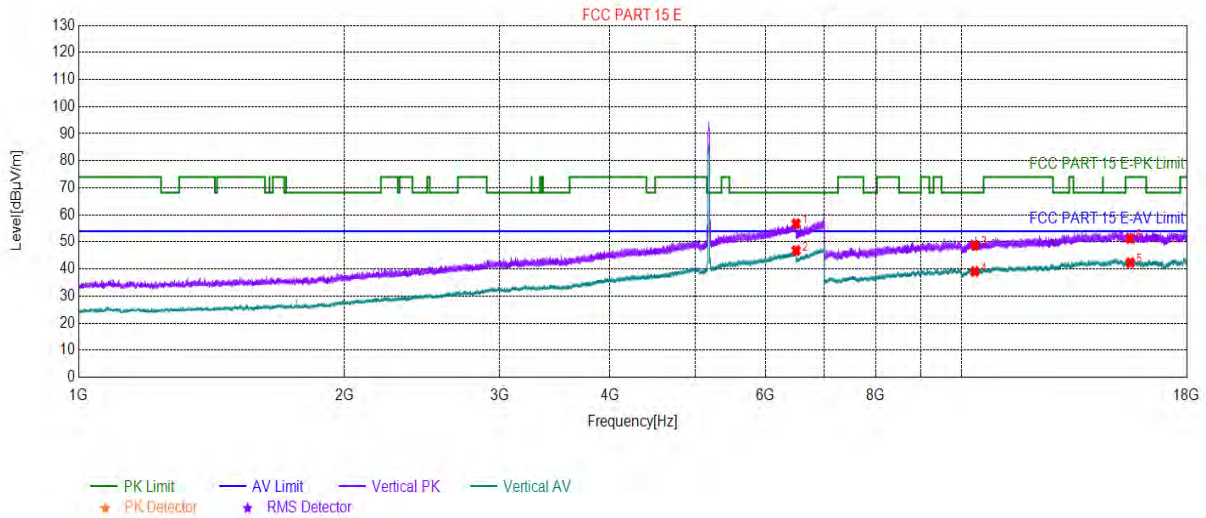


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4.9.2.26 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6498.97	56.75	20.45	68.20	11.45	225	260	Vertical
2	6499.87	46.84	20.53	54.00	7.16	241	163	Vertical
3	10360.0	48.67	-2.34	68.20	19.53	263	244	Vertical
4	10360.0	39.08	-2.34	54.00	14.92	274	289	Vertical
5	15540.0	42.33	2.07	54.00	11.67	256	48	Vertical
6	15540.0	51.23	2.07	74.00	22.77	248	71	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6498.97	56.75	20.45	68.20	11.45	225	260	Vertical
2	6499.87	46.84	20.53	54.00	7.16	241	163	Vertical
3	10360.0	48.67	-2.34	68.20	19.53	263	244	Vertical
4	10360.0	39.08	-2.34	54.00	14.92	274	289	Vertical
5	15540.0	42.33	2.07	54.00	11.67	256	48	Vertical
6	15540.0	51.23	2.07	74.00	22.77	248	71	Vertical



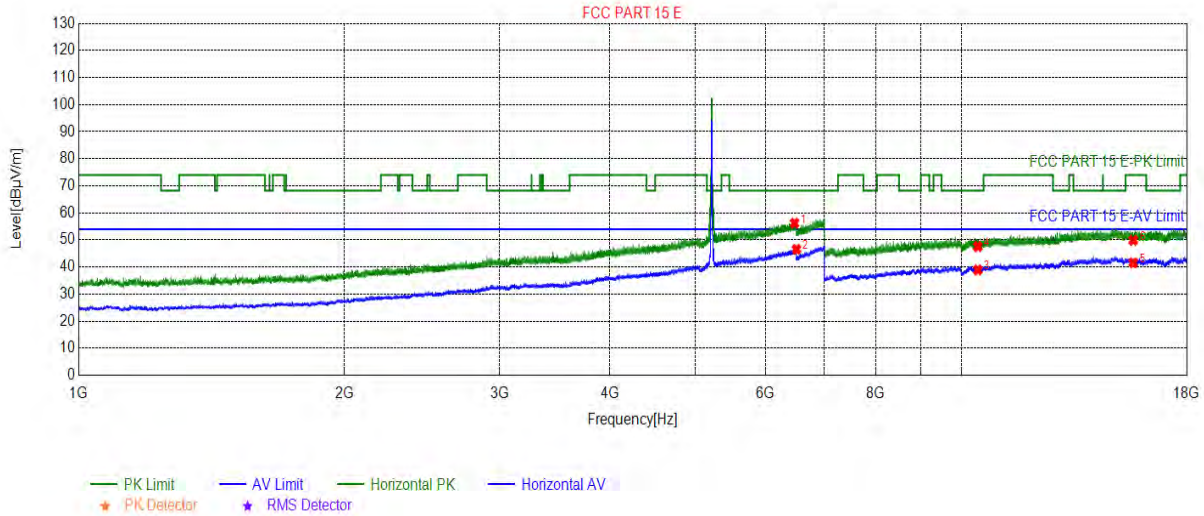
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4.9.2.27 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6473.77	56.21	19.85	68.20	11.99	155	249	Horizontal
2	6507.07	46.54	20.22	54.00	7.46	174	243	Horizontal
3	10440.0	38.93	-2.03	54.00	15.07	169	211	Horizontal
4	10440.0	47.57	-2.03	68.20	20.63	187	305	Horizontal
5	15660.0	41.56	1.53	54.00	12.44	194	211	Horizontal
6	15660.0	49.87	1.53	74.00	24.13	184	232	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6473.77	56.21	19.85	68.20	11.99	155	249	Horizontal
2	6507.07	46.54	20.22	54.00	7.46	174	243	Horizontal
3	10440.0	38.93	-2.03	54.00	15.07	169	211	Horizontal
4	10440.0	47.57	-2.03	68.20	20.63	187	305	Horizontal
5	15660.0	41.56	1.53	54.00	12.44	194	211	Horizontal
6	15660.0	49.87	1.53	74.00	24.13	184	232	Horizontal



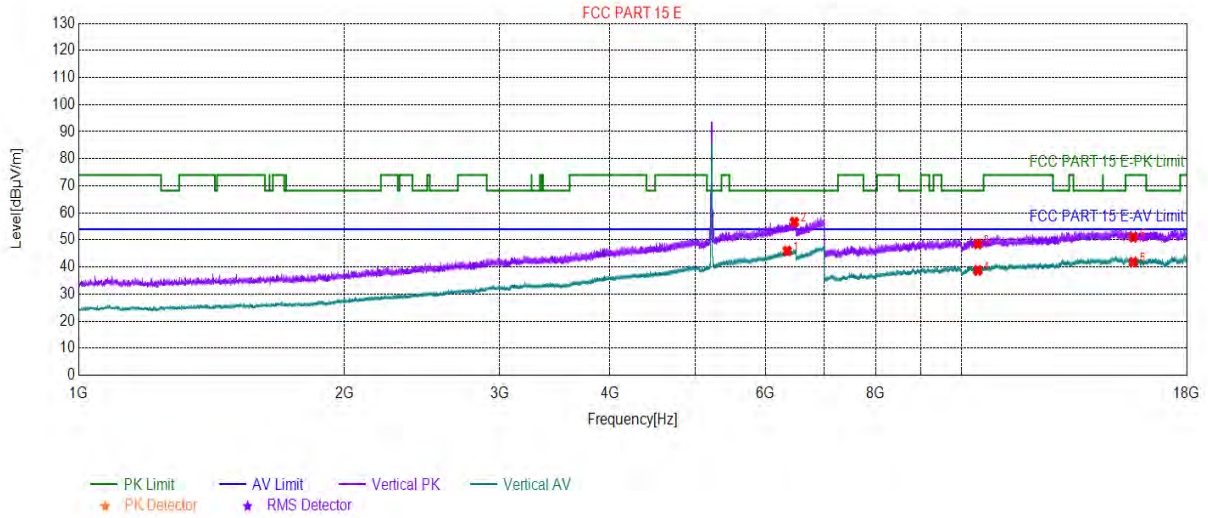
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4.9.2.28 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6349.86	45.96	19.87	54.00	8.04	225	338	Vertical
2	6471.97	56.59	19.78	68.20	11.61	262	344	Vertical
3	10440.0	48.53	-2.03	68.20	19.67	274	2	Vertical
4	10440.0	38.77	-2.03	54.00	15.23	249	244	Vertical
5	15660.0	41.80	1.53	54.00	12.20	281	249	Vertical
6	15660.0	51.04	1.53	74.00	22.96	267	317	Vertical

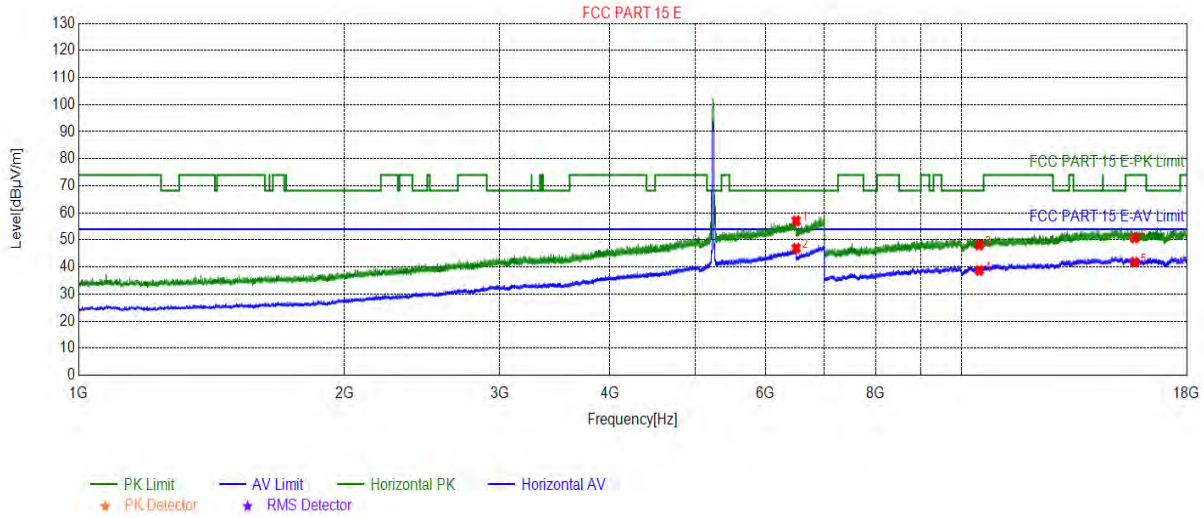
Final Data List



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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	6499.57	57.02	20.50	68.20	11.18	155	200	Horizontal
2	6501.07	46.93	20.50	54.00	7.07	174	64	Horizontal
3	10480.0	48.11	-1.93	68.20	20.09	168	340	Horizontal
4	10480.0	38.77	-1.93	54.00	15.23	194	351	Horizontal
5	15720.0	41.79	1.46	54.00	12.21	185	6	Horizontal
6	15720.0	50.72	1.46	74.00	23.28	176	26	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6499.57	57.02	20.50	68.20	11.18	155	200	Horizontal
2	6501.07	46.93	20.50	54.00	7.07	174	64	Horizontal
3	10480.0	48.11	-1.93	68.20	20.09	168	340	Horizontal
4	10480.0	38.77	-1.93	54.00	15.23	194	351	Horizontal
5	15720.0	41.79	1.46	54.00	12.21	185	6	Horizontal
6	15720.0	50.72	1.46	74.00	23.28	176	26	Horizontal

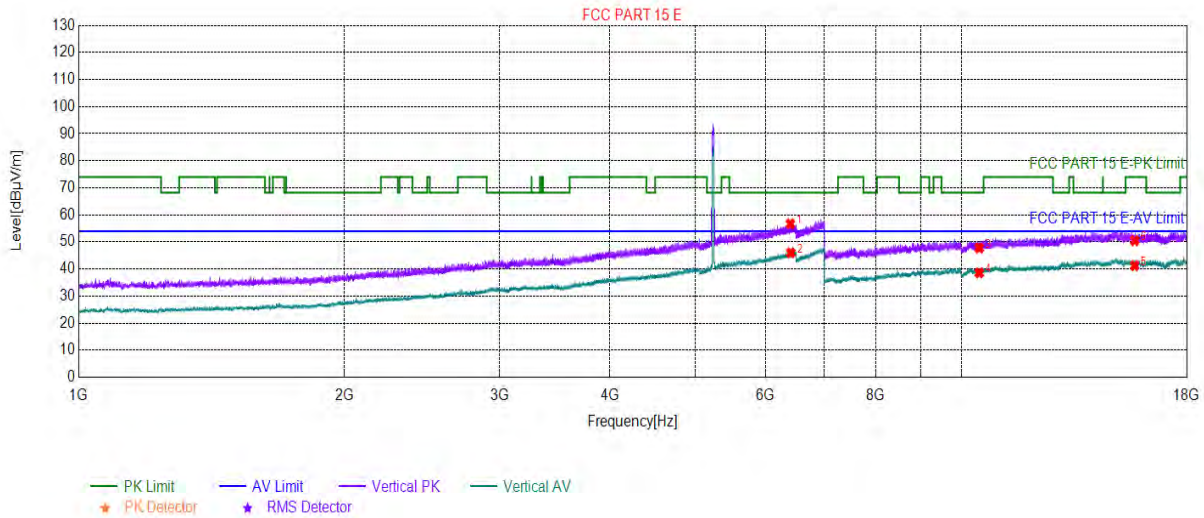


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4.9.2.30 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6402.97	56.68	20.05	68.20	11.52	225	54	Vertical
2	6410.77	46.00	19.82	54.00	8.00	241	279	Vertical
3	10480.0	47.78	-1.93	68.20	20.42	263	317	Vertical
4	10480.0	38.56	-1.93	54.00	15.44	284	72	Vertical
5	15720.0	41.25	1.46	54.00	12.75	296	93	Vertical
6	15720.0	50.52	1.46	74.00	23.48	246	336	Vertical

Final Data List

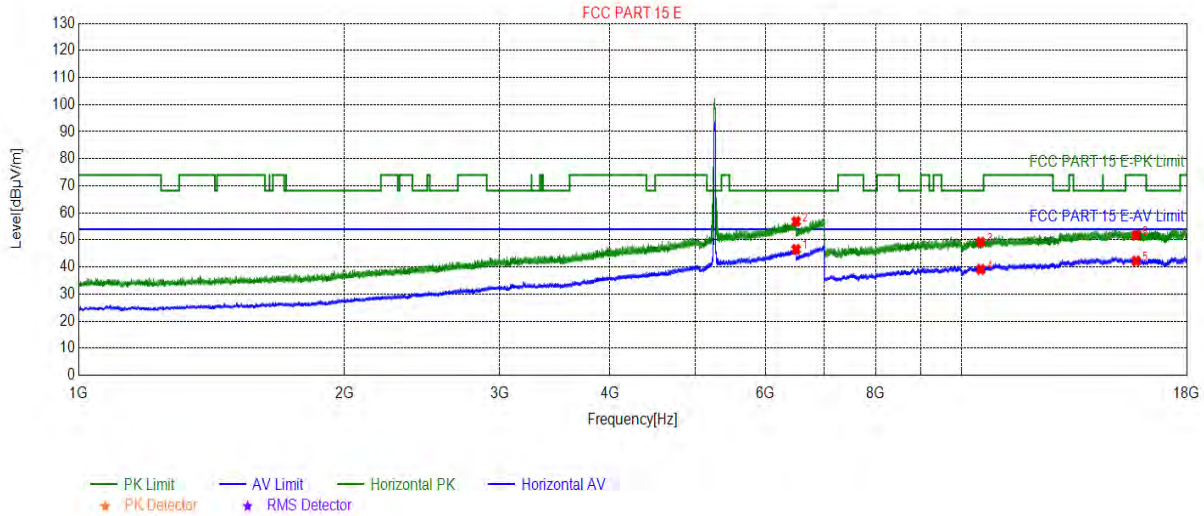
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6402.97	56.68	20.05	68.20	11.52	225	54	Vertical
2	6410.77	46.00	19.82	54.00	8.00	241	279	Vertical
3	10480.0	47.78	-1.93	68.20	20.42	263	317	Vertical
4	10480.0	38.56	-1.93	54.00	15.44	284	72	Vertical
5	15720.0	41.25	1.46	54.00	12.75	296	93	Vertical
6	15720.0	50.52	1.46	74.00	23.48	246	336	Vertical



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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	6499.57	46.54	20.50	54.00	7.46	151	175	Horizontal
2	6500.47	56.84	20.52	68.20	11.36	178	323	Horizontal
3	10520.0	49.22	-1.91	68.20	18.98	196	239	Horizontal
4	10520.0	39.09	-1.91	54.00	14.91	155	239	Horizontal
5	15780.0	42.24	1.54	54.00	11.76	174	289	Horizontal
6	15780.0	51.78	1.54	74.00	22.22	162	244	Horizontal

Final Data List

Final Data List								
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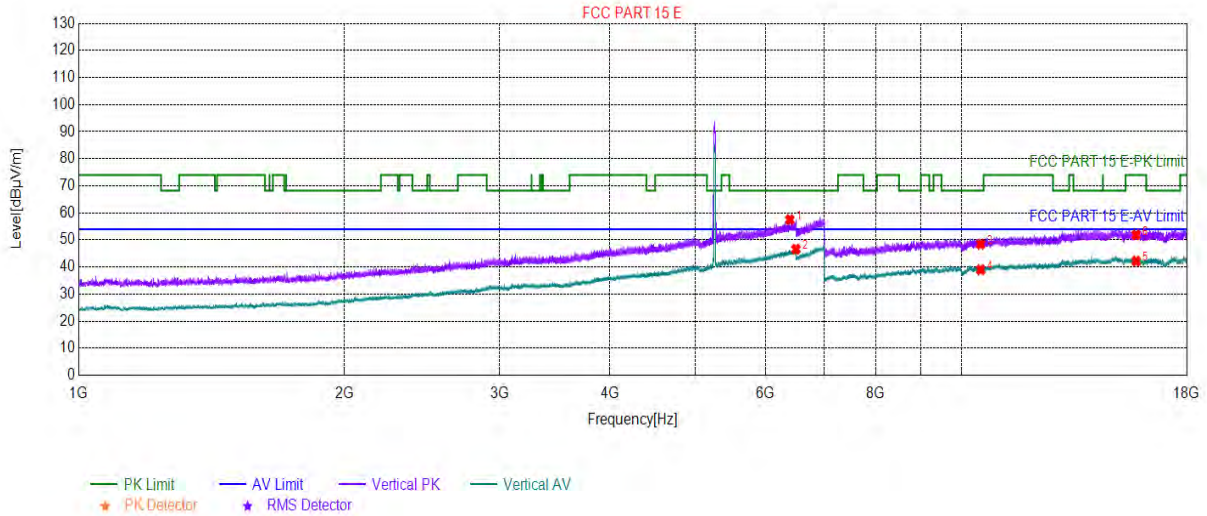


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4.9.2.32 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6393.36	57.49	20.00	68.20	10.71	225	40	Vertical
2	6496.57	46.60	20.21	54.00	7.40	241	358	Vertical
3	10520.0	48.45	-1.91	68.20	19.75	263	102	Vertical
4	10520.0	39.01	-1.91	54.00	14.99	247	176	Vertical
5	15780.0	42.20	1.54	54.00	11.80	212	198	Vertical
6	15780.0	51.87	1.54	74.00	22.13	211	219	Vertical

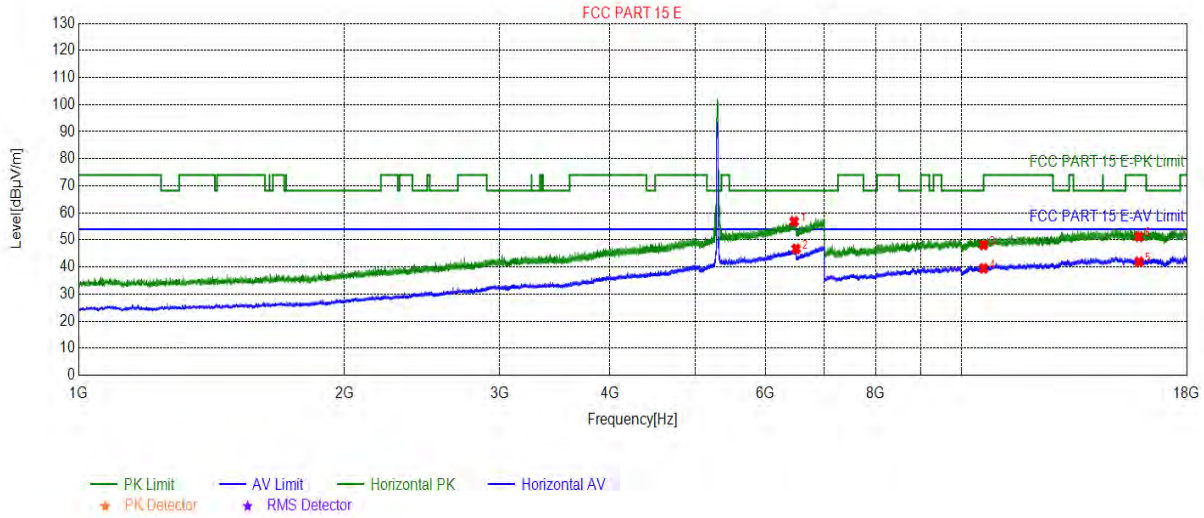
Final Data List



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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	6467.17	56.82	19.82	68.20	11.38	157	150	Horizontal
2	6499.87	46.71	20.53	54.00	7.29	155	291	Horizontal
3	10600.0	48.16	-1.66	74.00	25.84	174	340	Horizontal
4	10600.0	39.50	-1.66	54.00	14.50	168	58	Horizontal
5	15900.0	41.90	1.46	54.00	12.10	184	116	Horizontal
6	15900.0	51.22	1.46	74.00	22.78	195	255	Horizontal

Final Data List

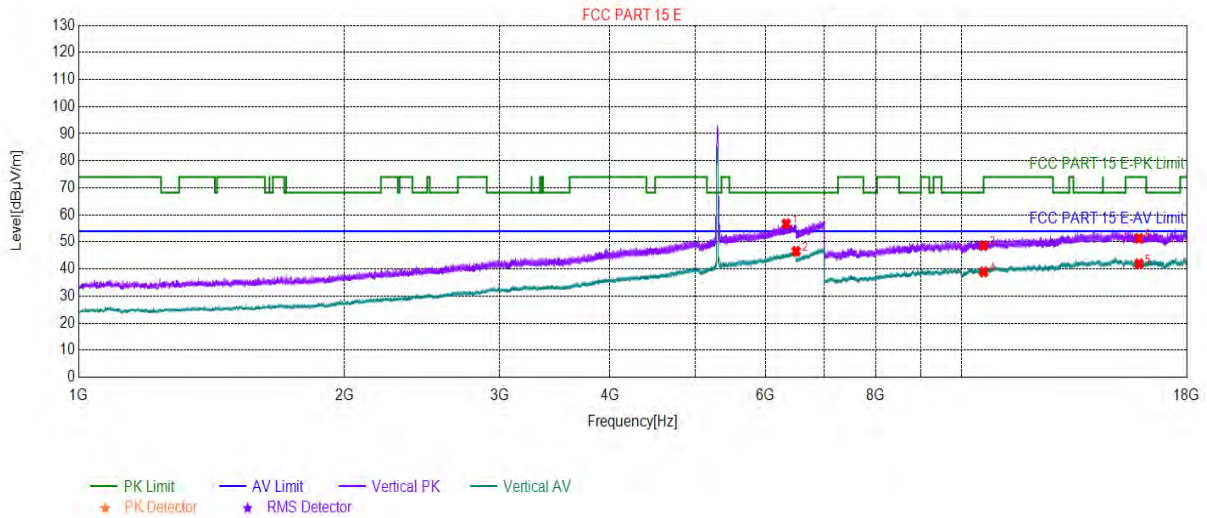
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6467.17	56.82	19.82	68.20	11.38	157	150	Horizontal
2	6499.87	46.71	20.53	54.00	7.29	155	291	Horizontal
3	10600.0	48.16	-1.66	74.00	25.84	174	340	Horizontal
4	10600.0	39.50	-1.66	54.00	14.50	168	58	Horizontal
5	15900.0	41.90	1.46	54.00	12.10	184	116	Horizontal
6	15900.0	51.22	1.46	74.00	22.78	195	255	Horizontal



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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	6333.06	56.71	19.90	68.20	11.49	225	212	Vertical
2	6499.27	46.56	20.47	54.00	7.44	241	273	Vertical
3	10600.0	48.65	-1.66	74.00	25.35	263	44	Vertical
4	10600.0	38.96	-1.66	54.00	15.04	241	296	Vertical
5	15900.0	41.91	1.46	54.00	12.09	271	153	Vertical
6	15900.0	51.32	1.46	74.00	22.68	251	159	Vertical

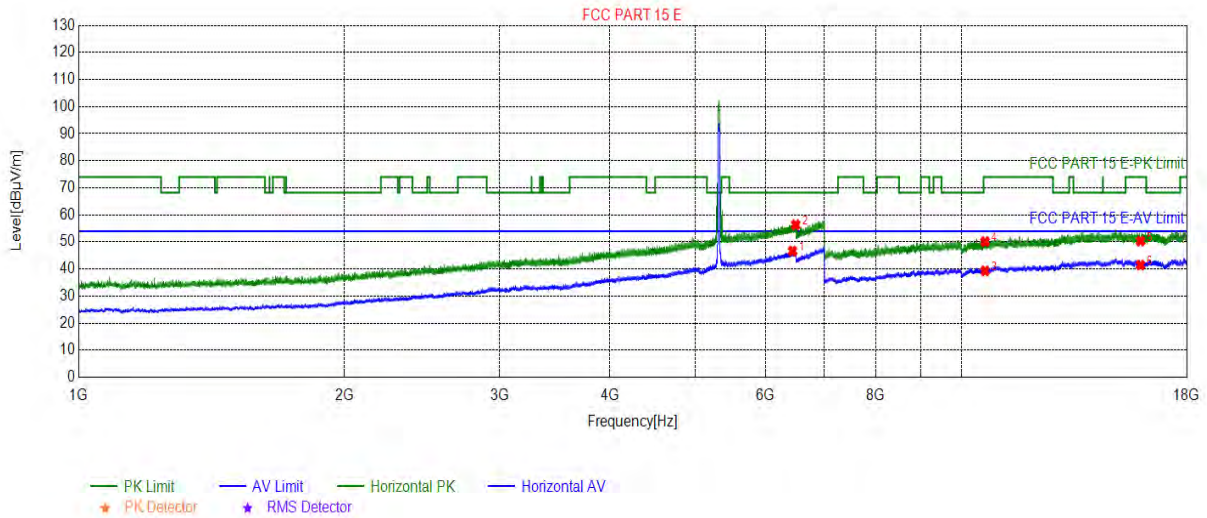
Final Data List



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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	6439.57	46.66	20.22	54.00	7.34	184	97	Horizontal
2	6493.27	56.32	19.89	68.20	11.88	174	91	Horizontal
3	10640.0	39.31	-1.85	54.00	14.69	165	240	Horizontal
4	10640.0	50.14	-1.85	74.00	23.86	149	145	Horizontal
5	15960.0	50.36	0.90	74.00	23.64	156	202	Horizontal
6	15960.0	41.47	0.90	54.00	12.53	175	156	Horizontal

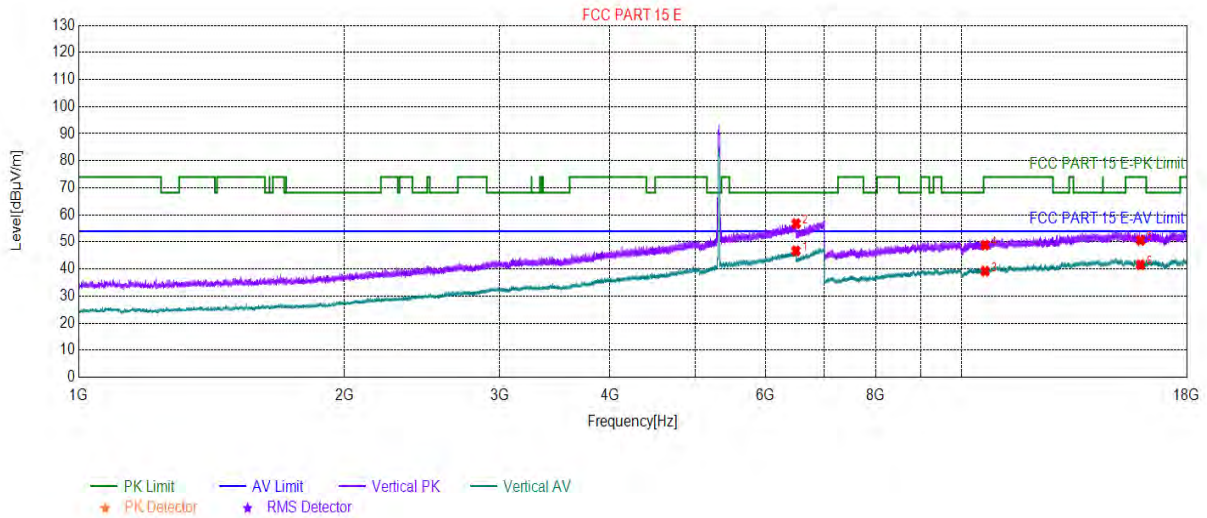
Final Data List



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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	6497.47	46.74	20.30	54.00	7.26	150	237	Vertical
2	6500.47	56.76	20.52	68.20	11.44	225	257	Vertical
3	10640.0	39.19	-1.85	54.00	14.81	274	360	Vertical
4	10640.0	48.85	-1.85	74.00	25.15	263	73	Vertical
5	15960.0	50.60	0.90	74.00	23.40	241	64	Vertical
6	15960.0	41.61	0.90	54.00	12.39	265	41	Vertical

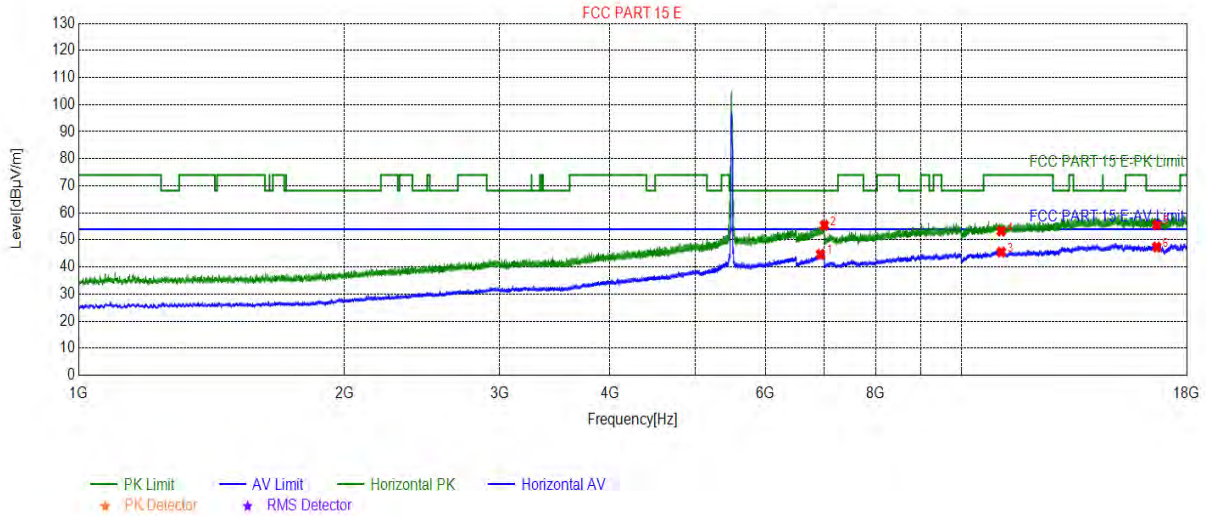
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4.9.2.37 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.59	44.70	21.38	54.00	9.30	156	213	Horizontal
2	6996.99	55.42	21.62	68.20	12.78	183	224	Horizontal
3	11100.0	45.50	-0.72	54.00	8.50	172	220	Horizontal
4	11100.0	53.26	-0.72	74.00	20.74	155	188	Horizontal
5	16650.0	55.53	0.59	68.20	12.67	168	22	Horizontal
6	16650.0	47.38	0.59	54.00	6.62	189	157	Horizontal

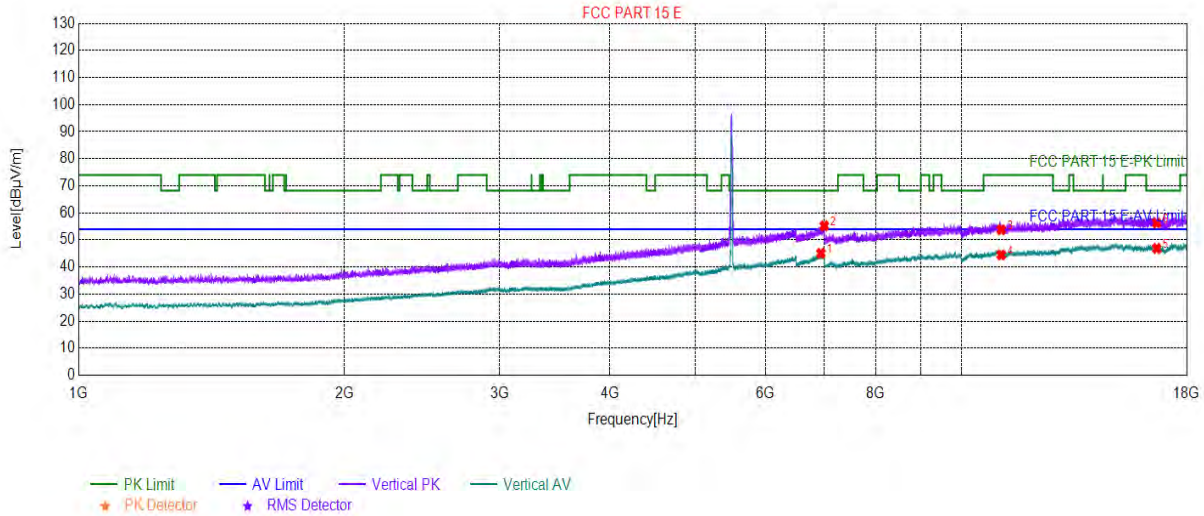
Final Data List



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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	6934.59	45.07	21.44	54.00	8.93	234	287	Vertical
2	6996.39	55.21	21.62	68.20	12.99	210	139	Vertical
3	11100.0	53.76	-0.72	74.00	20.24	225	44	Vertical
4	11100.0	44.47	-0.72	54.00	9.53	286	190	Vertical
5	16650.0	46.85	0.59	54.00	7.15	294	130	Vertical
6	16650.0	56.25	0.59	68.20	11.95	284	279	Vertical

Final Data List

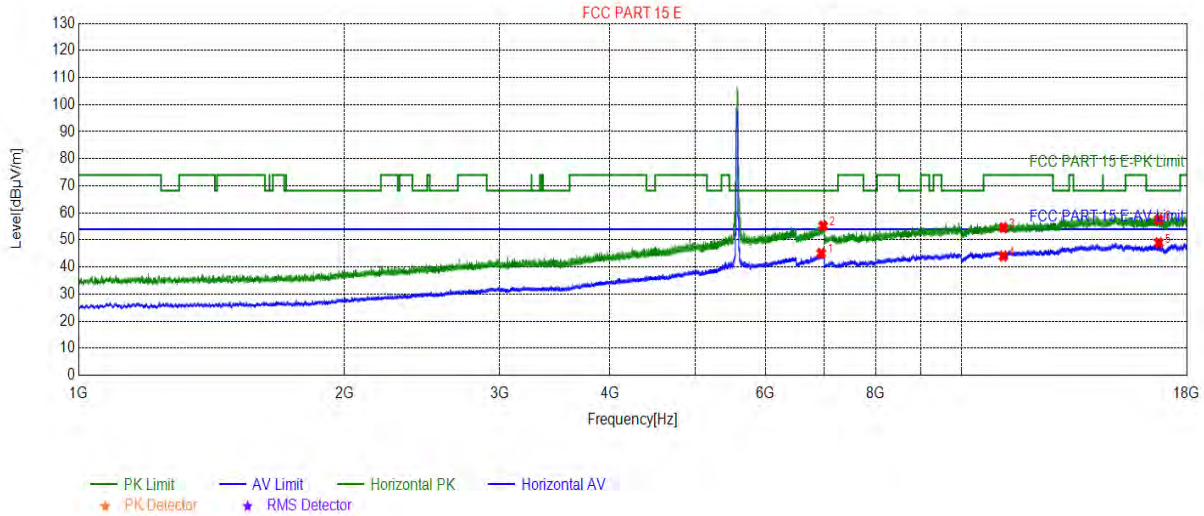


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4.9.2.39 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.29	45.08	21.47	54.00	8.92	153	87	Horizontal
2	6974.19	55.21	21.27	68.20	12.99	185	311	Horizontal
3	11160.0	54.56	-0.59	74.00	19.44	174	152	Horizontal
4	11160.0	44.04	-0.59	54.00	9.96	165	27	Horizontal
5	16740.0	48.99	0.86	54.00	5.01	166	333	Horizontal
6	16740.0	57.53	0.86	68.20	10.67	187	359	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.29	45.08	21.47	54.00	8.92	153	87	Horizontal
2	6974.19	55.21	21.27	68.20	12.99	185	311	Horizontal
3	11160.0	54.56	-0.59	74.00	19.44	174	152	Horizontal
4	11160.0	44.04	-0.59	54.00	9.96	165	27	Horizontal
5	16740.0	48.99	0.86	54.00	5.01	166	333	Horizontal
6	16740.0	57.53	0.86	68.20	10.67	187	359	Horizontal



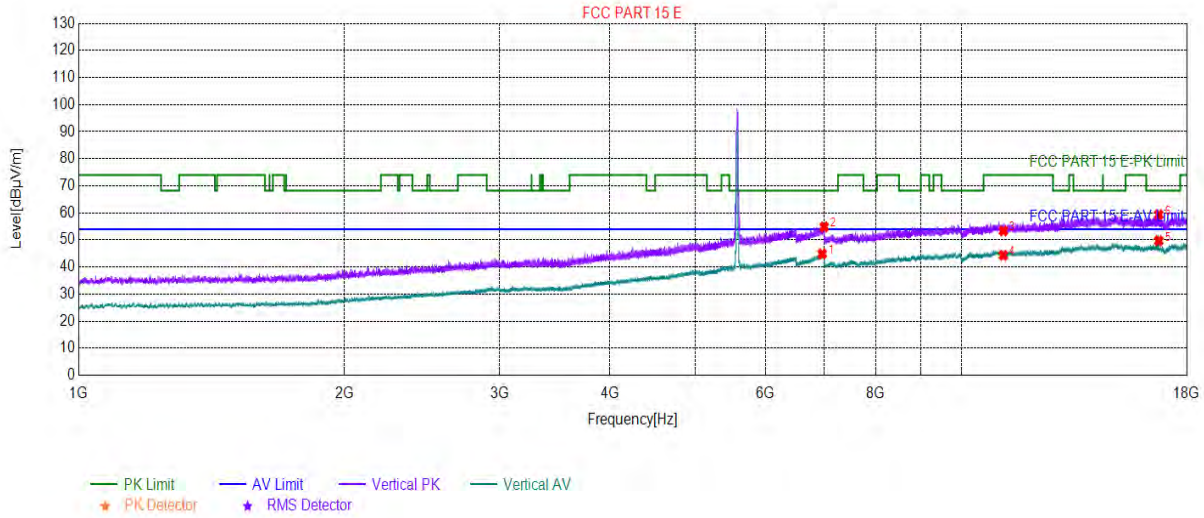
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4.9.2.40 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.99	44.85	21.11	54.00	9.15	264	111	Vertical
2	6993.99	54.83	21.61	68.20	13.37	255	281	Vertical
3	11160.0	53.35	-0.59	74.00	20.65	284	188	Vertical
4	11160.0	44.35	-0.59	54.00	9.65	231	70	Vertical
5	16740.0	49.70	0.86	54.00	4.30	276	33	Vertical
6	16740.0	59.35	0.86	68.20	8.85	291	33	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.99	44.85	21.11	54.00	9.15	264	111	Vertical
2	6993.99	54.83	21.61	68.20	13.37	255	281	Vertical
3	11160.0	53.35	-0.59	74.00	20.65	284	188	Vertical
4	11160.0	44.35	-0.59	54.00	9.65	231	70	Vertical
5	16740.0	49.70	0.86	54.00	4.30	276	33	Vertical
6	16740.0	59.35	0.86	68.20	8.85	291	33	Vertical

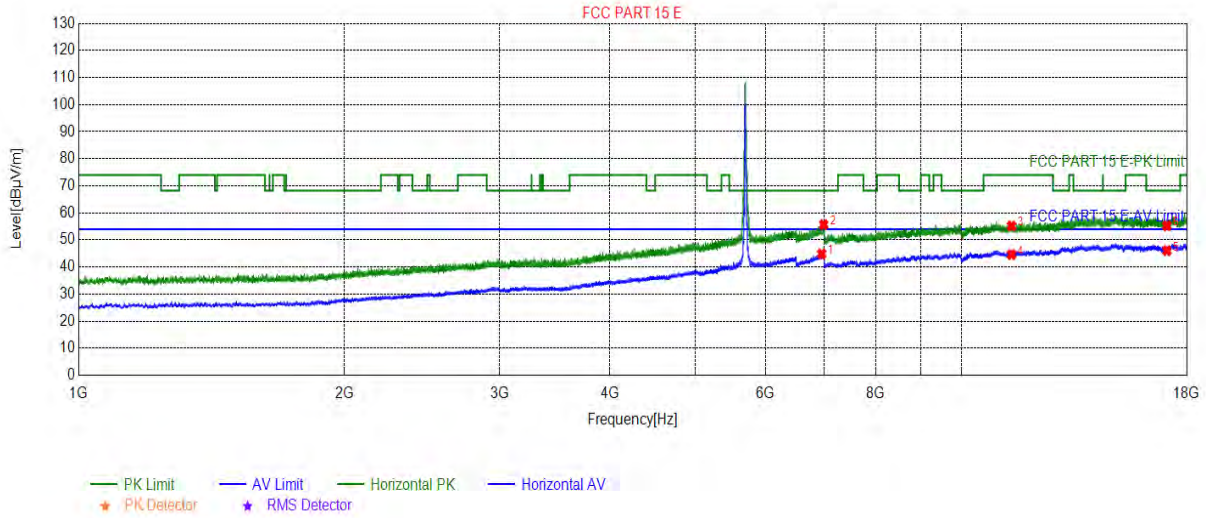


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4.9.2.41 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.19	44.85	21.28	54.00	9.15	164	281	Horizontal
2	6984.39	55.61	21.48	68.20	12.59	153	68	Horizontal
3	11400.0	55.16	-0.52	74.00	18.84	186	145	Horizontal
4	11400.0	44.60	-0.52	54.00	9.40	173	201	Horizontal
5	17100.0	46.02	-0.56	54.00	7.98	188	359	Horizontal
6	17100.0	55.25	-0.56	68.20	12.95	190	68	Horizontal

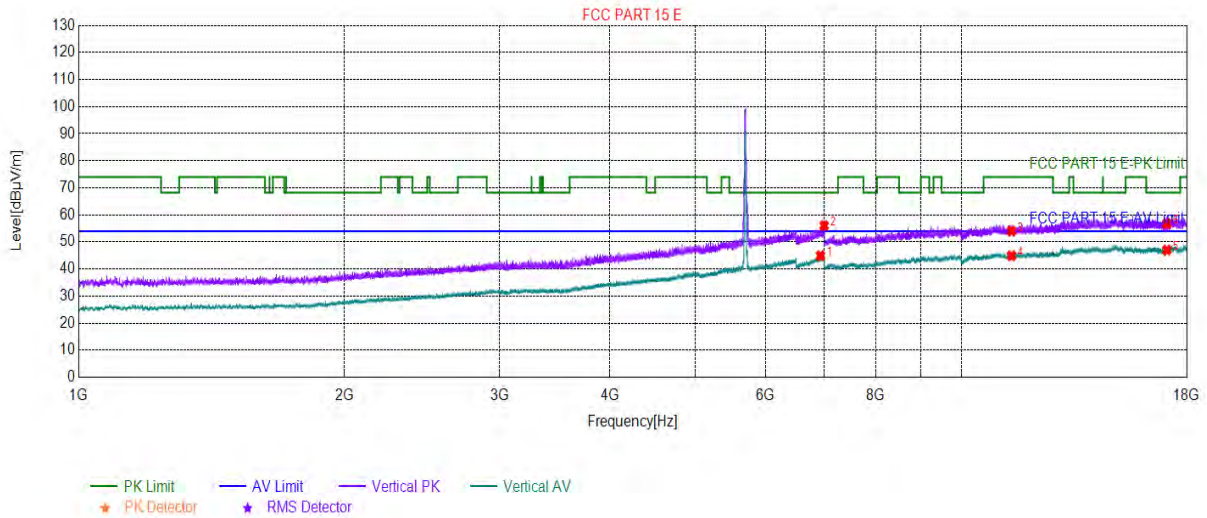
Final Data List



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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	6926.19	44.91	21.32	54.00	9.09	231	40	Vertical
2	6991.89	56.04	21.60	68.20	12.16	244	275	Vertical
3	11400.0	54.00	-0.52	74.00	20.00	256	302	Vertical
4	11400.0	44.89	-0.52	54.00	9.11	273	280	Vertical
5	17100.0	47.02	-0.56	54.00	6.98	281	37	Vertical
6	17100.0	56.76	-0.56	68.20	11.44	293	174	Vertical

Final Data List

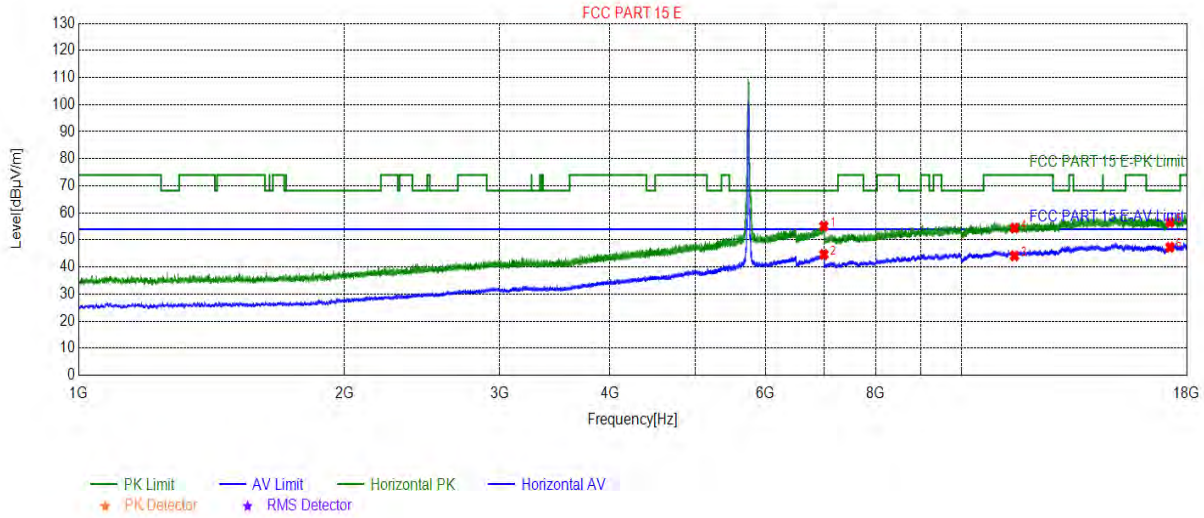
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.19	44.91	21.32	54.00	9.09	231	40	Vertical
2	6991.89	56.04	21.60	68.20	12.16	244	275	Vertical
3	11400.0	54.00	-0.52	74.00	20.00	256	302	Vertical
4	11400.0	44.89	-0.52	54.00	9.11	273	280	Vertical
5	17100.0	47.02	-0.56	54.00	6.98	281	37	Vertical
6	17100.0	56.76	-0.56	68.20	11.44	293	174	Vertical



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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	6987.09	55.09	21.53	68.20	13.11	156	294	Horizontal
2	6987.69	44.65	21.54	54.00	9.35	189	214	Horizontal
3	11490.0	44.12	-0.61	54.00	9.88	187	135	Horizontal
4	11490.0	54.37	-0.61	74.00	19.63	156	2	Horizontal
5	17235.0	56.47	0.36	68.20	11.73	188	31	Horizontal
6	17235.0	47.31	0.36	54.00	6.69	162	20	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6987.09	55.09	21.53	68.20	13.11	156	294	Horizontal
2	6987.69	44.65	21.54	54.00	9.35	189	214	Horizontal
3	11490.0	44.12	-0.61	54.00	9.88	187	135	Horizontal
4	11490.0	54.37	-0.61	74.00	19.63	156	2	Horizontal
5	17235.0	56.47	0.36	68.20	11.73	188	31	Horizontal
6	17235.0	47.31	0.36	54.00	6.69	162	20	Horizontal



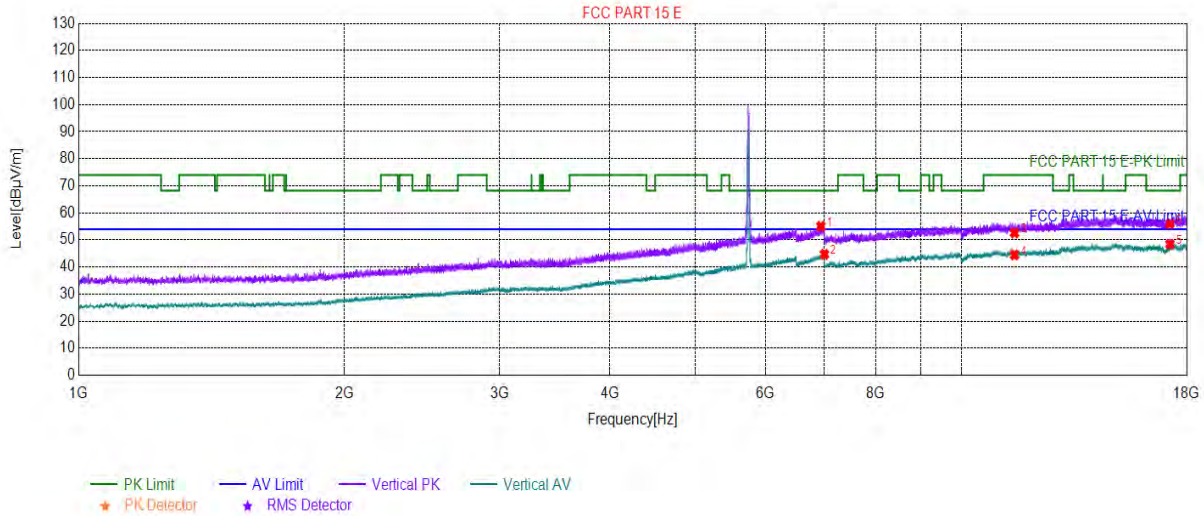
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4.9.2.44 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	55.03	21.44	68.20	13.17	210	89	Vertical
2	6998.49	44.70	21.63	54.00	9.30	226	2	Vertical
3	11490.0	52.62	-0.61	74.00	21.38	200	65	Vertical
4	11490.0	44.50	-0.61	54.00	9.50	235	98	Vertical
5	17235.0	48.42	0.36	54.00	5.58	214	32	Vertical
6	17235.0	56.01	0.36	68.20	12.19	251	303	Vertical

Final Data List

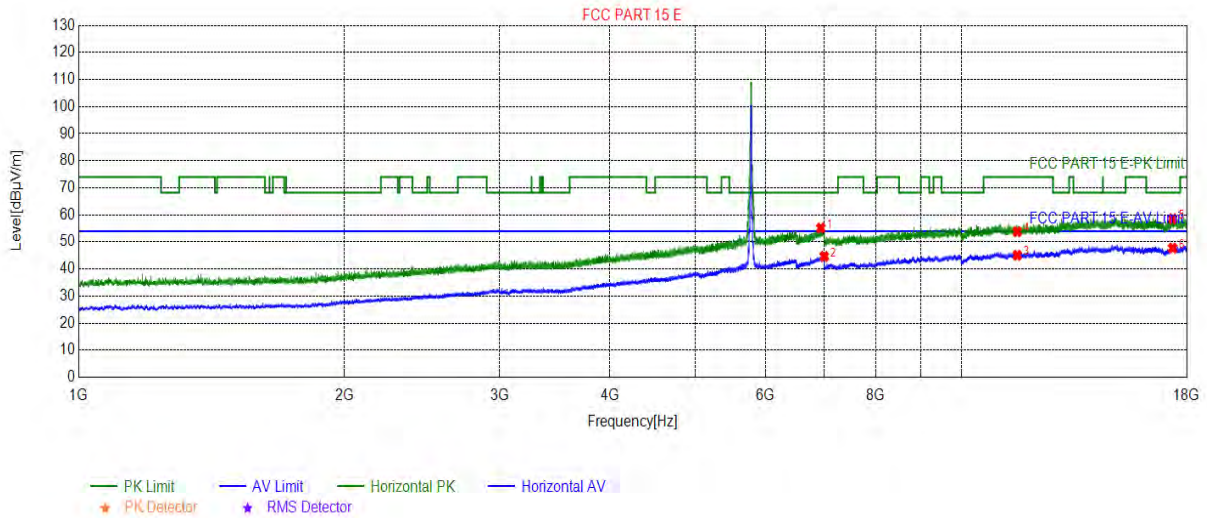


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4.9.2.45 802.11N20_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6931.89	55.13	21.43	68.20	13.07	168	116	Horizontal
2	6996.39	44.68	21.62	54.00	9.32	189	176	Horizontal
3	11570.0	45.08	-0.41	54.00	8.92	175	51	Horizontal
4	11570.0	53.78	-0.41	74.00	20.22	163	94	Horizontal
5	17355.0	58.54	1.22	68.20	9.66	157	19	Horizontal
6	17355.0	47.70	1.22	54.00	6.30	185	283	Horizontal

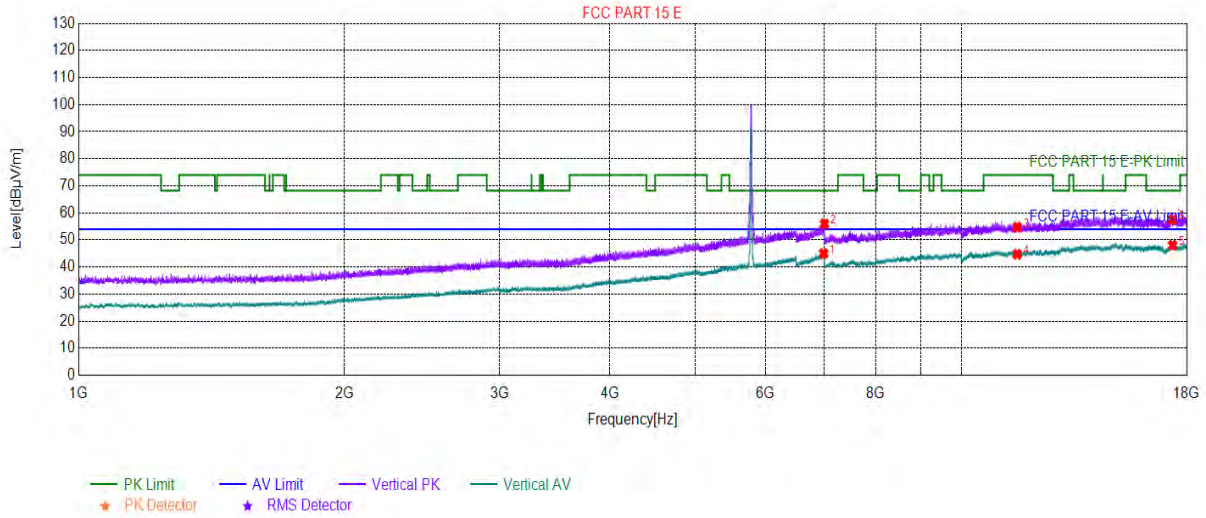
Final Data List



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4.9.2.46 802.11N20_Channel 157

Test Graph



Suspected List

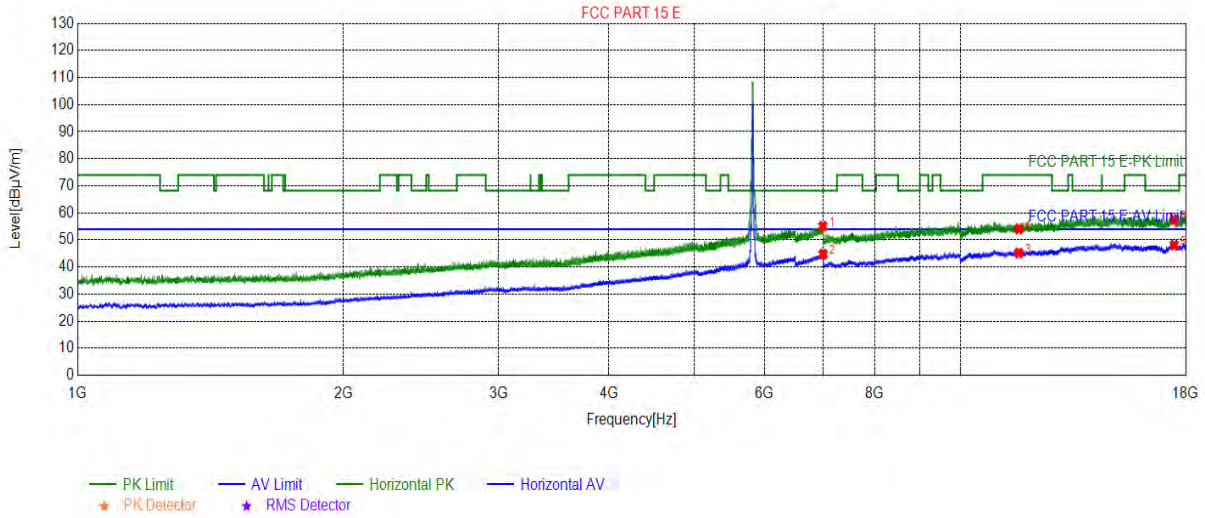
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6983.19	44.99	21.45	54.00	9.01	231	249	Vertical
2	6998.79	55.94	21.63	68.20	12.26	245	148	Vertical
3	11570.0	54.75	-0.41	74.00	19.25	215	73	Vertical
4	11570.0	44.71	-0.41	54.00	9.29	200	252	Vertical
5	17355.0	48.02	1.22	54.00	5.98	258	274	Vertical
6	17355.0	57.48	1.22	68.20	10.72	257	274	Vertical

Final Data List

(This section is intentionally left blank in the provided image.)

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	6986.49	55.04	21.52	68.20	13.16	188	16	Horizontal
2	6992.79	44.77	21.60	54.00	9.23	175	191	Horizontal
3	11650.0	45.18	0.03	54.00	8.82	165	46	Horizontal
4	11650.0	54.03	0.03	74.00	19.97	166	57	Horizontal
5	17475.0	57.42	1.66	68.20	10.78	195	231	Horizontal
6	17475.0	48.08	1.66	54.00	5.92	150	298	Horizontal

Final Data List

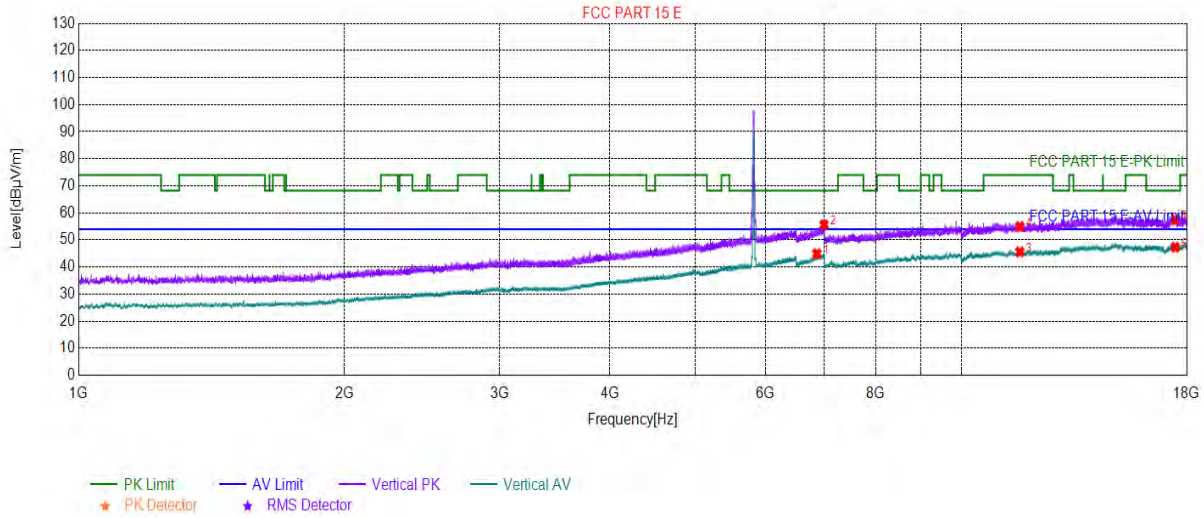
Final Data List								
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4.9.2.48 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6862.29	44.92	21.27	54.00	9.08	210	135	Vertical
2	6990.99	55.60	21.59	68.20	12.60	222	314	Vertical
3	11650.0	45.58	0.03	54.00	8.42	235	183	Vertical
4	11650.0	54.97	0.03	74.00	19.03	254	86	Vertical
5	17475.0	57.42	1.66	68.20	10.78	210	251	Vertical
6	17475.0	47.30	1.66	54.00	6.70	206	92	Vertical

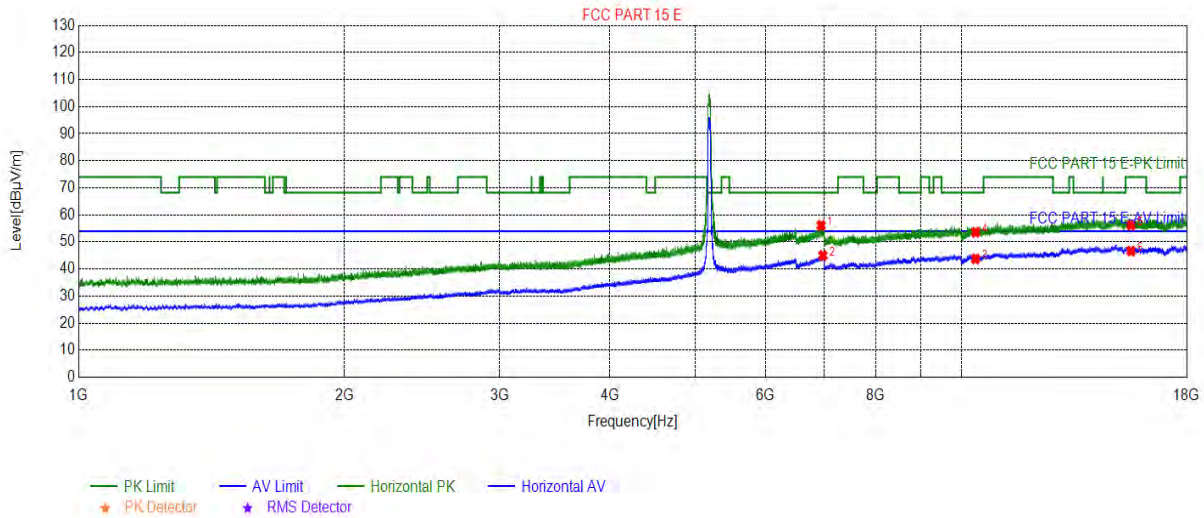
Final Data List



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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	6937.89	56.11	21.46	68.20	12.09	187	128	Horizontal
2	6970.29	44.99	21.18	54.00	9.01	169	24	Horizontal
3	10380.0	43.76	-1.90	54.00	10.24	177	334	Horizontal
4	10380.0	53.58	-1.90	68.20	14.62	158	272	Horizontal
5	15570.0	56.19	1.90	74.00	17.81	169	256	Horizontal
6	15570.0	46.65	1.90	54.00	7.35	151	53	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.89	56.11	21.46	68.20	12.09	187	128	Horizontal
2	6970.29	44.99	21.18	54.00	9.01	169	24	Horizontal
3	10380.0	43.76	-1.90	54.00	10.24	177	334	Horizontal
4	10380.0	53.58	-1.90	68.20	14.62	158	272	Horizontal
5	15570.0	56.19	1.90	74.00	17.81	169	256	Horizontal
6	15570.0	46.65	1.90	54.00	7.35	151	53	Horizontal



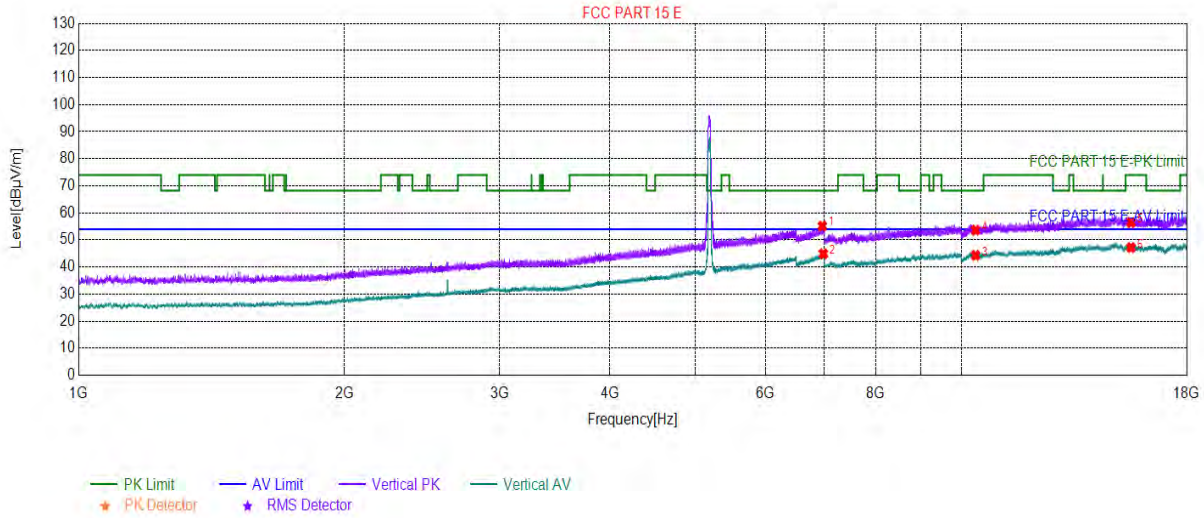
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4.9.2.50 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.09	55.17	21.09	68.20	13.03	210	344	Vertical
2	6978.99	44.89	21.37	54.00	9.11	251	33	Vertical
3	10380.0	44.31	-1.90	54.00	9.69	247	173	Vertical
4	10380.0	53.63	-1.90	68.20	14.57	236	2	Vertical
5	15570.0	56.40	1.90	74.00	17.60	250	173	Vertical
6	15570.0	47.19	1.90	54.00	6.81	262	189	Vertical

Final Data List

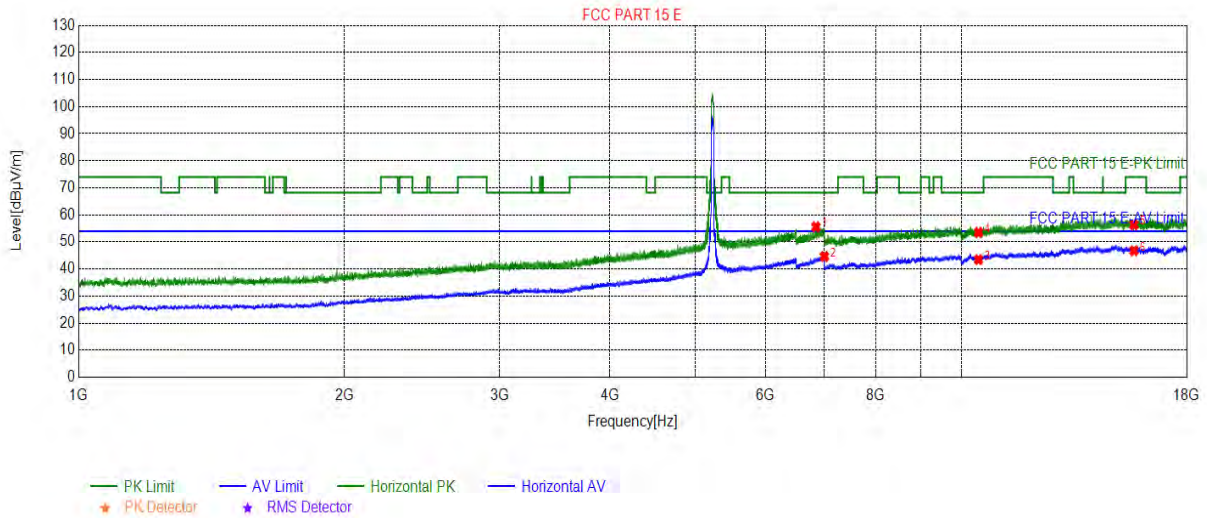
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.09	55.17	21.09	68.20	13.03	210	344	Vertical
2	6978.99	44.89	21.37	54.00	9.11	251	33	Vertical
3	10380.0	44.31	-1.90	54.00	9.69	247	173	Vertical
4	10380.0	53.63	-1.90	68.20	14.57	236	2	Vertical
5	15570.0	56.40	1.90	74.00	17.60	250	173	Vertical
6	15570.0	47.19	1.90	54.00	6.81	262	189	Vertical



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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	6844.59	55.57	21.43	68.20	12.63	185	164	Horizontal
2	6999.10	44.65	21.64	54.00	9.35	165	138	Horizontal
3	10460.0	43.48	-2.08	54.00	10.52	52	32	Horizontal
4	10460.0	53.51	-2.08	68.20	14.69	175	228	Horizontal
5	15690.0	56.30	1.31	74.00	17.70	169	115	Horizontal
6	15690.0	46.75	1.31	54.00	7.25	177	276	Horizontal

Final Data List

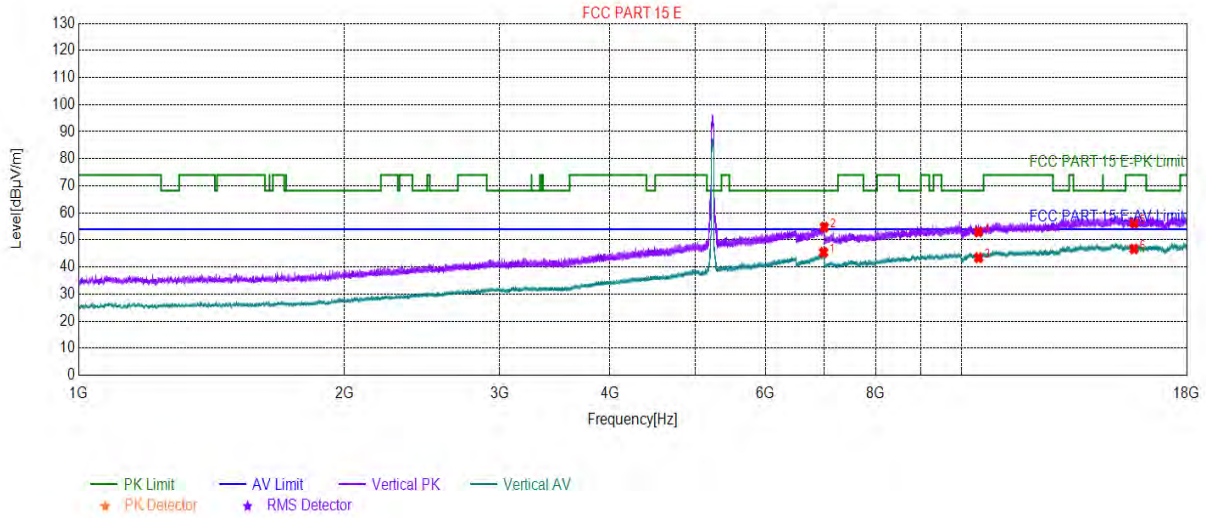


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4.9.2.52 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.59	45.40	21.44	54.00	8.60	231	358	Vertical
2	6995.79	54.72	21.62	68.20	13.48	244	40	Vertical
3	10460.0	43.45	-2.08	54.00	10.55	256	141	Vertical
4	10460.0	52.96	-2.08	68.20	15.24	241	260	Vertical
5	15690.0	56.22	1.31	74.00	17.78	274	75	Vertical
6	15690.0	46.67	1.31	54.00	7.33	282	75	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.59	45.40	21.44	54.00	8.60	231	358	Vertical
2	6995.79	54.72	21.62	68.20	13.48	244	40	Vertical
3	10460.0	43.45	-2.08	54.00	10.55	256	141	Vertical
4	10460.0	52.96	-2.08	68.20	15.24	241	260	Vertical
5	15690.0	56.22	1.31	74.00	17.78	274	75	Vertical
6	15690.0	46.67	1.31	54.00	7.33	282	75	Vertical

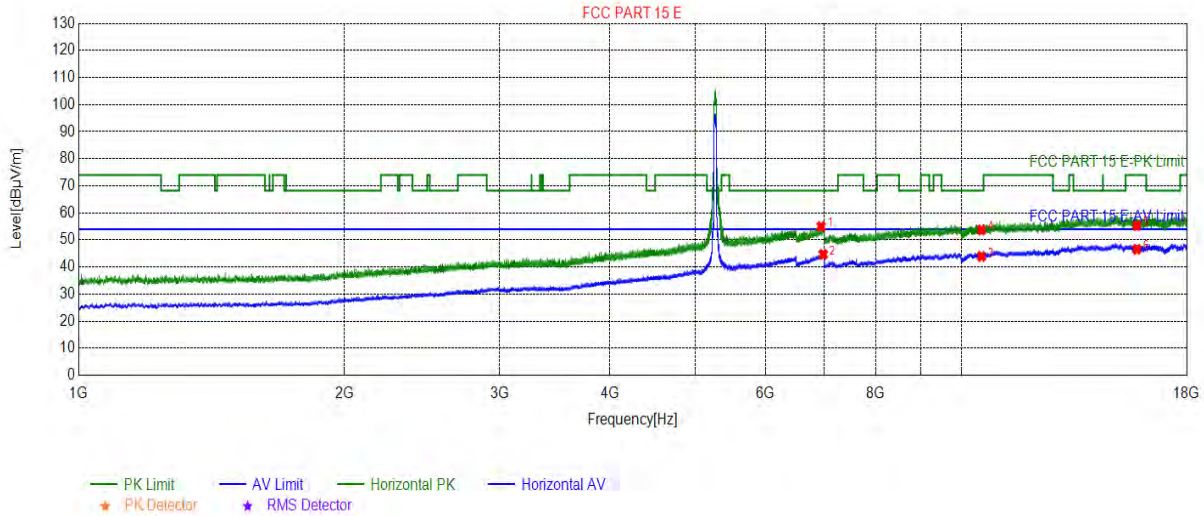


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4.9.2.53 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6938.79	54.95	21.47	68.20	13.25	159	3	Horizontal
2	6976.29	44.68	21.31	54.00	9.32	168	303	Horizontal
3	10540.0	43.92	-2.05	54.00	10.08	177	111	Horizontal
4	10540.0	53.72	-2.05	68.20	14.48	151	328	Horizontal
5	15810.0	55.29	1.28	74.00	18.71	162	33	Horizontal
6	15810.0	46.55	1.28	54.00	7.45	150	358	Horizontal

Final Data List

Final Data List								
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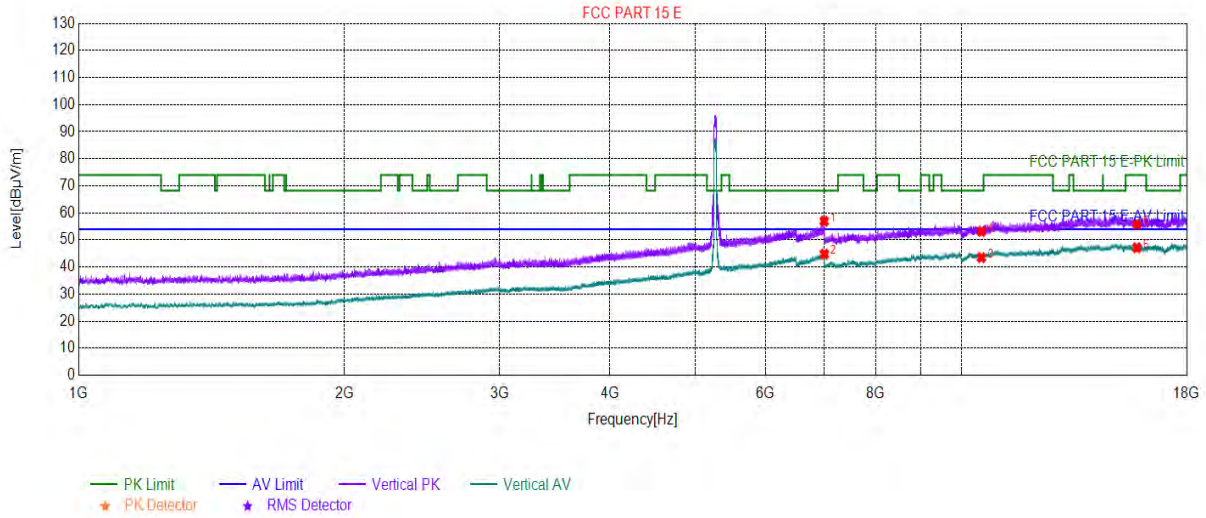
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4.9.2.54 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6994.89	56.93	21.61	68.20	11.27	231	56	Vertical
2	6997.59	44.78	21.63	54.00	9.22	251	41	Vertical
3	10540.0	43.49	-2.05	54.00	10.51	242	138	Vertical
4	10540.0	53.13	-2.05	68.20	15.07	258	44	Vertical
5	15810.0	55.85	1.28	74.00	18.15	247	60	Vertical
6	15810.0	47.09	1.28	54.00	6.91	222	44	Vertical

Final Data List

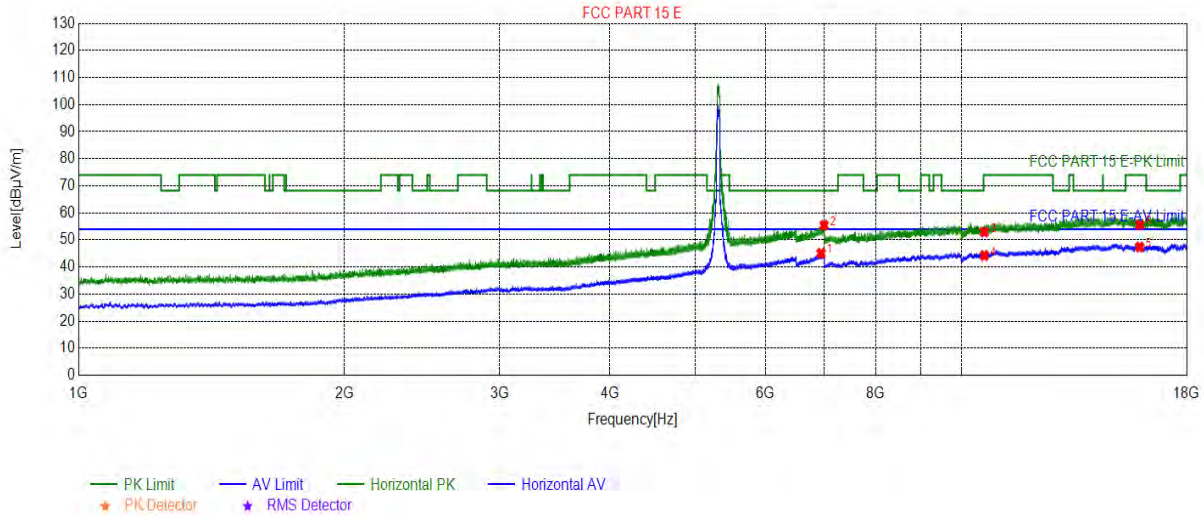
Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6994.89	56.93	21.61	68.20	11.27	231	56	Vertical
2	6997.59	44.78	21.63	54.00	9.22	251	41	Vertical
3	10540.0	43.49	-2.05	54.00	10.51	242	138	Vertical
4	10540.0	53.13	-2.05	68.20	15.07	258	44	Vertical
5	15810.0	55.85	1.28	74.00	18.15	247	60	Vertical
6	15810.0	47.09	1.28	54.00	6.91	222	44	Vertical



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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	6937.59	45.08	21.46	54.00	8.92	166	294	Horizontal
2	6991.89	55.41	21.60	68.20	12.79	189	294	Horizontal
3	10620.0	52.91	-1.75	74.00	21.09	152	126	Horizontal
4	10620.0	44.25	-1.75	54.00	9.75	165	339	Horizontal
5	15930.0	47.41	1.11	54.00	6.59	174	60	Horizontal
6	15930.0	55.62	1.11	74.00	18.38	187	201	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.59	45.08	21.46	54.00	8.92	166	294	Horizontal
2	6991.89	55.41	21.60	68.20	12.79	189	294	Horizontal
3	10620.0	52.91	-1.75	74.00	21.09	152	126	Horizontal
4	10620.0	44.25	-1.75	54.00	9.75	165	339	Horizontal
5	15930.0	47.41	1.11	54.00	6.59	174	60	Horizontal
6	15930.0	55.62	1.11	74.00	18.38	187	201	Horizontal



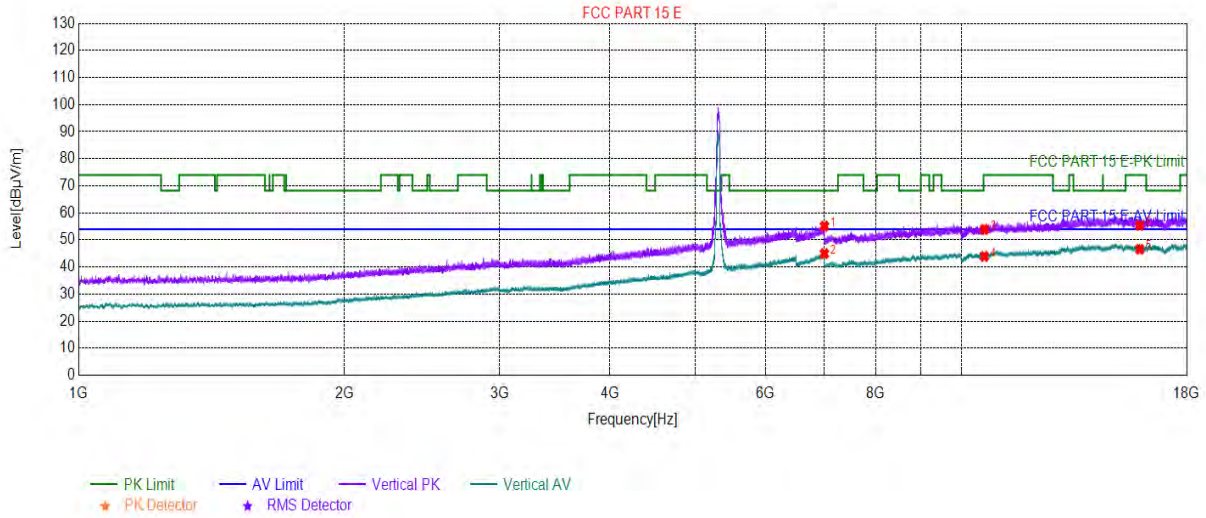
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4.9.2.56 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6996.39	55.07	21.62	68.20	13.13	210	54	Vertical
2	6996.69	44.94	21.62	54.00	9.06	211	97	Vertical
3	10620.0	53.91	-1.75	74.00	20.09	204	97	Vertical
4	10620.0	43.91	-1.75	54.00	10.09	236	11	Vertical
5	15930.0	46.55	1.11	54.00	7.45	245	172	Vertical
6	15930.0	55.35	1.11	74.00	18.65	215	28	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6996.39	55.07	21.62	68.20	13.13	210	54	Vertical
2	6996.69	44.94	21.62	54.00	9.06	211	97	Vertical
3	10620.0	53.91	-1.75	74.00	20.09	204	97	Vertical
4	10620.0	43.91	-1.75	54.00	10.09	236	11	Vertical
5	15930.0	46.55	1.11	54.00	7.45	245	172	Vertical
6	15930.0	55.35	1.11	74.00	18.65	215	28	Vertical



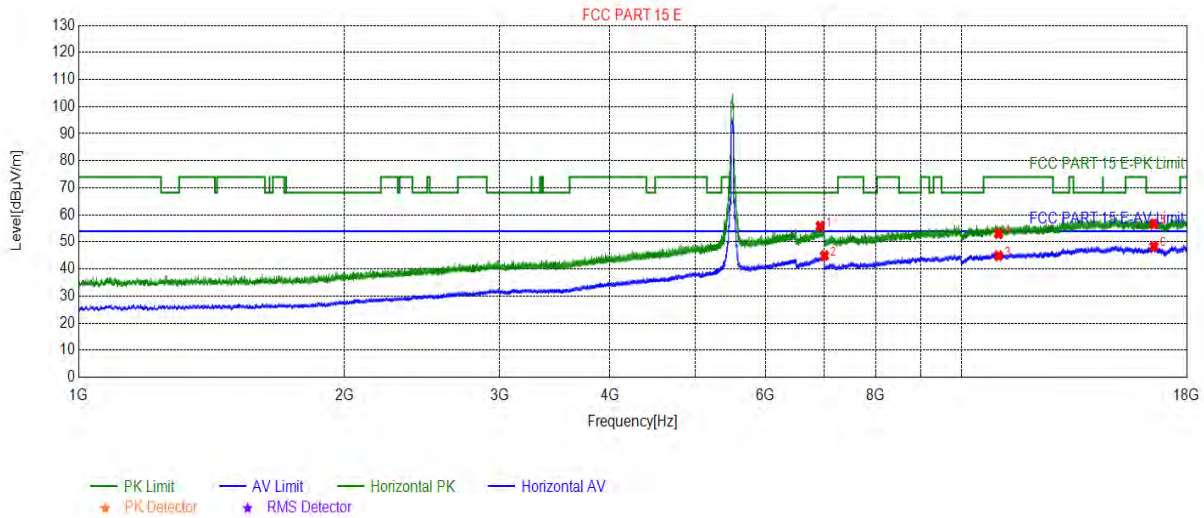
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4.9.2.57 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6920.79	55.81	21.18	68.20	12.39	187	233	Horizontal
2	6997.59	44.92	21.63	54.00	9.08	174	260	Horizontal
3	11020.0	44.89	-0.75	54.00	9.11	156	358	Horizontal
4	11020.0	53.03	-0.75	74.00	20.97	177	21	Horizontal
5	16530.0	56.67	0.44	68.20	11.53	152	221	Horizontal
6	16530.0	48.34	0.44	54.00	5.66	162	321	Horizontal

Final Data List

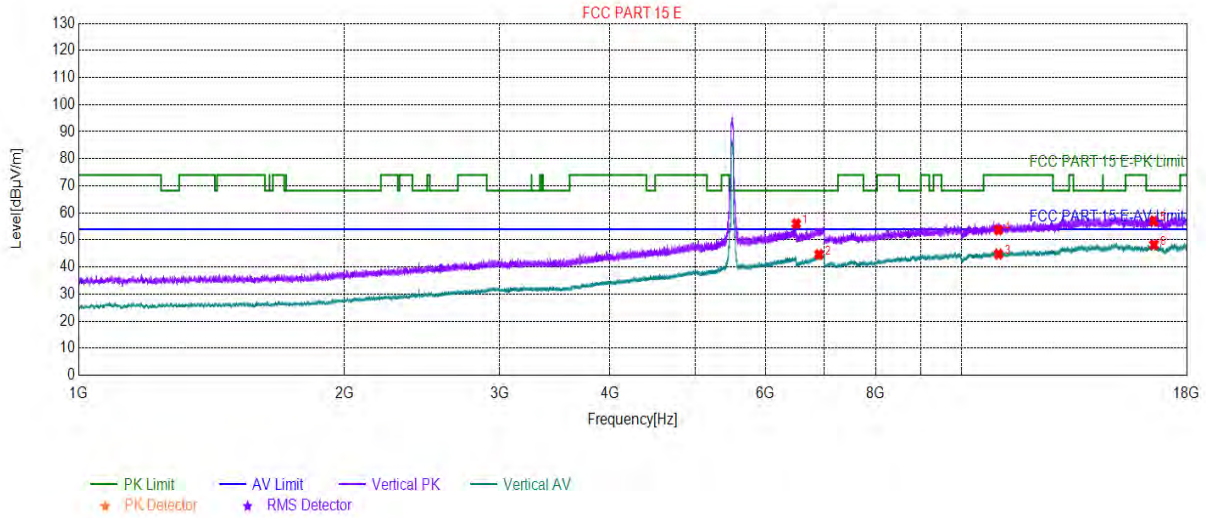


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4.9.2.58 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6502.27	56.00	20.44	68.20	12.20	223	88	Vertical
2	6899.79	44.63	21.54	54.00	9.37	210	343	Vertical
3	11020.0	44.76	-0.75	54.00	9.24	205	2	Vertical
4	11020.0	53.68	-0.75	74.00	20.32	216	195	Vertical
5	16530.0	57.00	0.44	68.20	11.20	265	201	Vertical
6	16530.0	48.21	0.44	54.00	5.79	254	12	Vertical

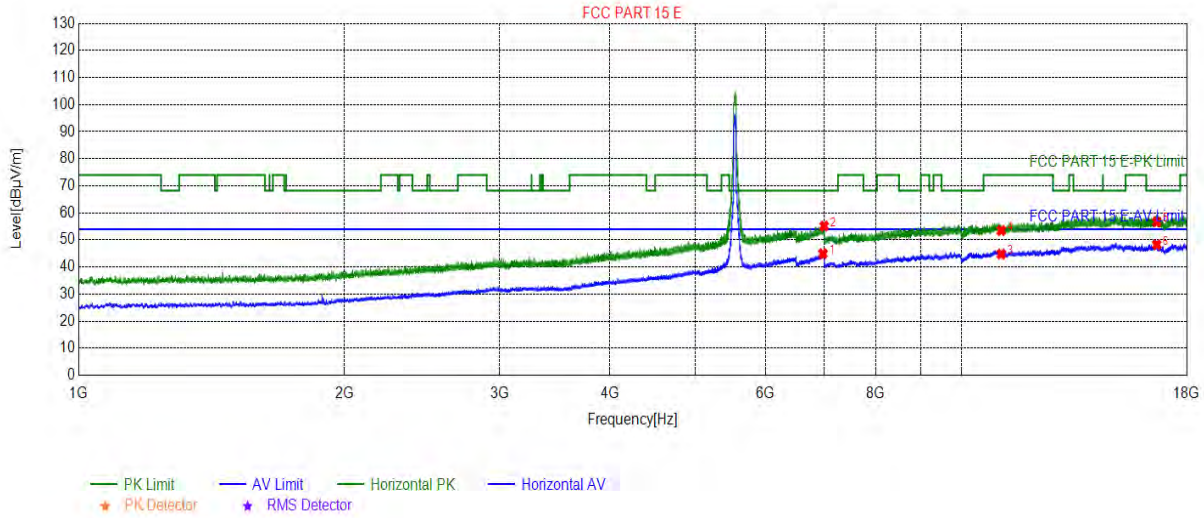
Final Data List



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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	6971.49	44.93	21.21	54.00	9.07	175	161	Horizontal
2	6993.09	55.12	21.61	68.20	13.08	169	94	Horizontal
3	11100.0	44.78	-0.72	54.00	9.22	152	182	Horizontal
4	11100.0	53.48	-0.72	74.00	20.52	152	182	Horizontal
5	16650.0	56.67	0.59	68.20	11.53	187	56	Horizontal
6	16650.0	48.28	0.59	54.00	5.72	198	326	Horizontal

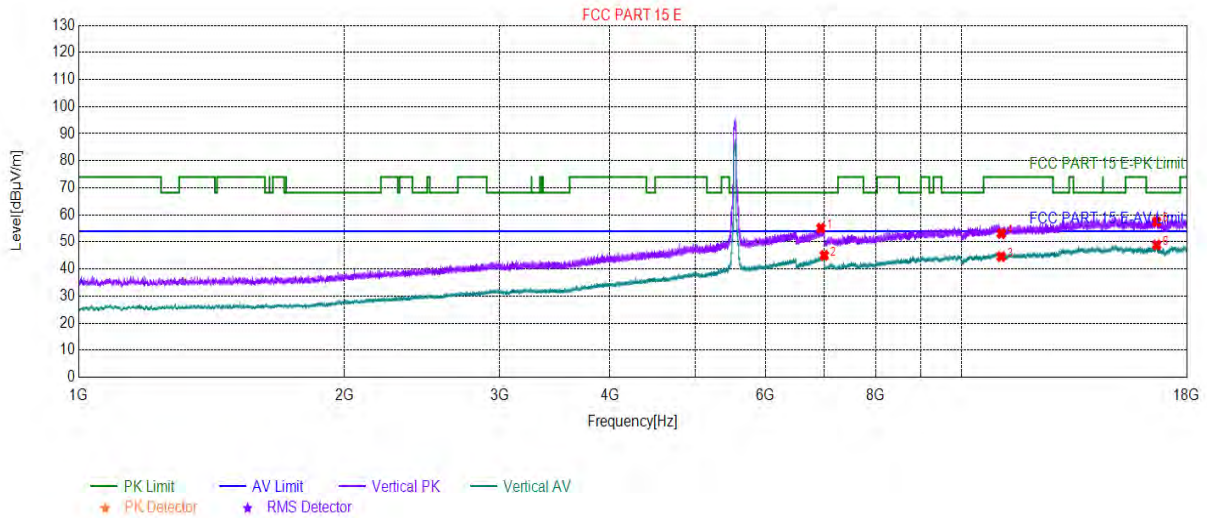
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4.9.2.60 802.11N40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	55.08	21.44	68.20	13.12	215	248	Vertical
2	6994.59	45.02	21.61	54.00	8.98	222	70	Vertical
3	11100.0	44.60	-0.72	54.00	9.40	203	91	Vertical
4	11100.0	53.10	-0.72	74.00	20.90	215	96	Vertical
5	16650.0	57.45	0.59	68.20	10.75	226	22	Vertical
6	16650.0	48.90	0.59	54.00	5.10	248	16	Vertical

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	55.08	21.44	68.20	13.12	215	248	Vertical
2	6994.59	45.02	21.61	54.00	8.98	222	70	Vertical
3	11100.0	44.60	-0.72	54.00	9.40	203	91	Vertical
4	11100.0	53.10	-0.72	74.00	20.90	215	96	Vertical
5	16650.0	57.45	0.59	68.20	10.75	226	22	Vertical
6	16650.0	48.90	0.59	54.00	5.10	248	16	Vertical

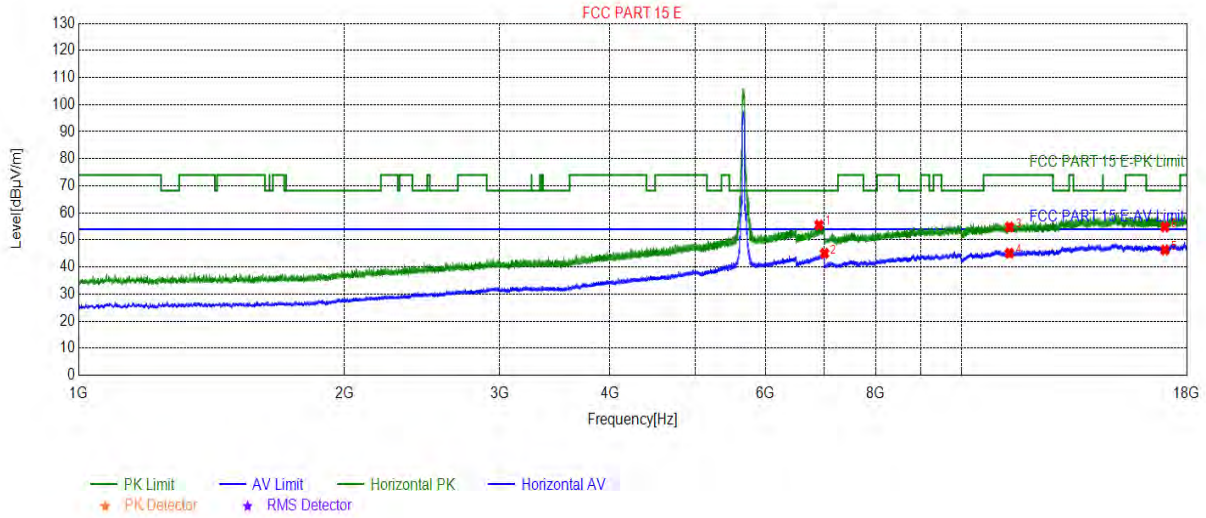


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4.9.2.61 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.79	55.52	21.54	68.20	12.68	156	7	Horizontal
2	6999.40	45.04	21.64	54.00	8.96	161	55	Horizontal
3	11340.0	54.78	-0.54	74.00	19.22	173	354	Horizontal
4	11340.0	45.11	-0.54	54.00	8.89	154	13	Horizontal
5	17010.0	46.29	0.03	54.00	7.71	192	13	Horizontal
6	17010.0	54.77	0.03	68.20	13.43	158	273	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.79	55.52	21.54	68.20	12.68	156	7	Horizontal
2	6999.40	45.04	21.64	54.00	8.96	161	55	Horizontal
3	11340.0	54.78	-0.54	74.00	19.22	173	354	Horizontal
4	11340.0	45.11	-0.54	54.00	8.89	154	13	Horizontal
5	17010.0	46.29	0.03	54.00	7.71	192	13	Horizontal
6	17010.0	54.77	0.03	68.20	13.43	158	273	Horizontal



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