

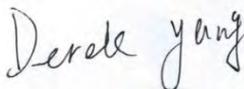
FCC TEST REPORT

Application No.: AR/2020/B0003
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.: M2101K9AG
Trade Mark: XIAOMI
FCC ID: 2AFZZK9AG
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: 2020/11/26
Date of Test: 2020/11/26 to 2020/12/15
Date of Issue: 2021/4/22

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

Authorized Signature:



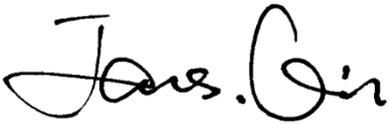
Derek Yang
 Wireless Laboratory Manager



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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020-12-15		Original
02		2021-4-22	James Qin	1.Add test site Information 2.Modify data conversion error of antenna height 3.Update equipment list

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



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2 Test Summary

Test Item	Band	FCC rules	Test Requirements	Test Result	Result	Test Lab*
26dB Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Clause 4.5	PASS	A
	5250-5350	15.403(i) 15.407(a)(2)				
	5470-5725	15.403(i) 15.407(a)(2)				
6dB Emission Bandwidth	5725-5850	15.403(i) 15.407(e)	≥ 500 kHz.	Clause 4.6	PASS	A
99% Occupied Bandwidth	5150-5250	KDB 789033 D02§ D	No limit.	Clause 4.7	PASS	A
	5250-5350					
	5470-5725					
	5725-5850					
Duty Cycle	5150-5850	--	No limit.	Clause 4.3	PASS	A
Maximum Conducted Output Power	5150-5250	15.407(a)(1) 15.407(a)(4)	FCC < 250mW (avg during transmission)	Clause 4.4	PASS	A
	5250-5350	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*Ig(EBW)} (avg during transmission)			
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*Ig(EBW)} (avg during transmission)			
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)			
Maximum Power Spectral Density	5150-5250	15.407(a)(1) 15.407(a)(4)	<11dBm/MHz (avg during transmission)	Clause 4.8	PASS	A
	5250-5350	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)			
	5470-5725	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)			
	5725-5850	15.407(a)(3) 15.407(a)(4)	<30dBm/500KHz (avg during transmission)			
Unwanted Emissions that fall Out of the Restricted Bands (Radiated)	5150-5250	15.407(b)(1) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.15-5.35 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).	Clause 4.9	PASS	B
	5250-5350	15.407(b)(2) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted:			



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			§15.209/§7.2.5 limit (AV&PK).			
	5470-5750	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.47-5.725 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS	B
	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	B
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 5470-5725 5725-	15.209	---	Clause 4.11	PASS	A



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	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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Contents

1	Version	2
2	Test Summary.....	3
3	General Information	8
3.1	Details of Client.....	8
3.2	Test Location.....	8
3.3	Test Facility	9
3.4	General Description of EUT	10
3.5	Test Environment and Mode	12
4	Test results and Measurement Data	13
4.1	Antenna Requirement.....	13
4.2	AC Power Line Conducted Emissions	13
4.3	Duty Cycle	17
4.4	Conducted Output Power	18
4.5	26dB Emission Bandwidth	19
4.6	6dB Emission Bandwidth	20
4.7	99% Occupied Bandwidth.....	21
4.8	Power Spectral Density	22
4.9	Radiated Spurious Emissions	23
4.9.1	Radiated emission below 1GHz.....	25
4.9.1	Transmitter emission above 1GHz	27
4.10	Radiated Spurious Emissions	145
4.10.1	Test Plots.....	147
4.11	Frequencies Stability.....	239
4.11.1	Frequency Error vs. Voltage.....	239
4.11.2	Frequency Error vs. Temperature	239
4.12	Dynamic Frequency Selection	240
4.12.1	DFS Overview.....	240
4.12.2	DFS Detection Thresholds.....	241
4.12.3	Response Requirements.....	241
4.12.4	Test plots	242
5	Measurement Uncertainty (95% confidence levels, k=2)	251
6	Equipment List.....	252



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7 Photographs - EUT Constructional Details253



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

3.3 Test Facility

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

Lab A:

• **A2LA (Certificate No. 3816.01)**

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

• **VCCI**

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

• **FCC –Designation Number: CN1178**

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

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

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

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

CAB identifier: CN0006.

IC#: 4620C.

Lab B:

• **A2LA (Certificate No. 4854.01)**

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

Designation Number: CN1271.



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3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	M2101K9AG
Trade Mark:	XIAOMI
Hardware Version:	P2
Software Version:	MIUI 12
IEEE 802.11 WLAN Mode Supported	<input checked="" type="checkbox"/> 802.11a (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11n (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11n (40 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11ac (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac (40 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac (80 MHz channel bandwidth) <input type="checkbox"/> 802.11ac (160 MHz channel bandwidth)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 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:	IFA
Antenna Ports	<input checked="" type="checkbox"/> Ant 1, <input type="checkbox"/> Ant 2, <input type="checkbox"/> Ant 3
Smart System	<input checked="" type="checkbox"/> SISO (for 802.11a/n/ac), <input type="checkbox"/> MIMO (for 802.11n/ac), <input type="checkbox"/> Diversity (for 802.11a).
Antenna Gain:	-2.1dBi
Power Supply	<input checked="" type="checkbox"/> AC/DC Adapter; <input type="checkbox"/> Battery <input type="checkbox"/> PoE; <input type="checkbox"/> Other:

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



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

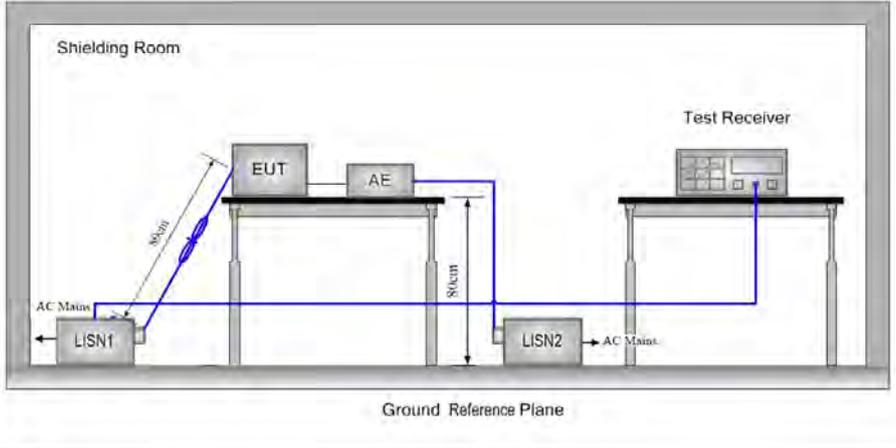
Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is -2.1dBi.	

4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	<ol style="list-style-type: none"> 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>

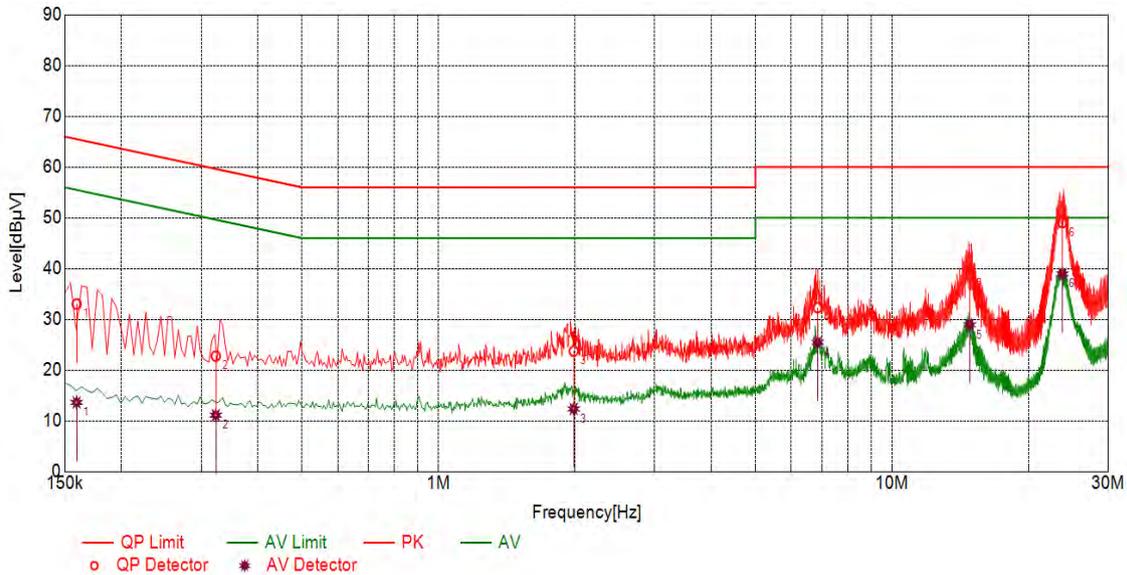


Measurement Data

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:



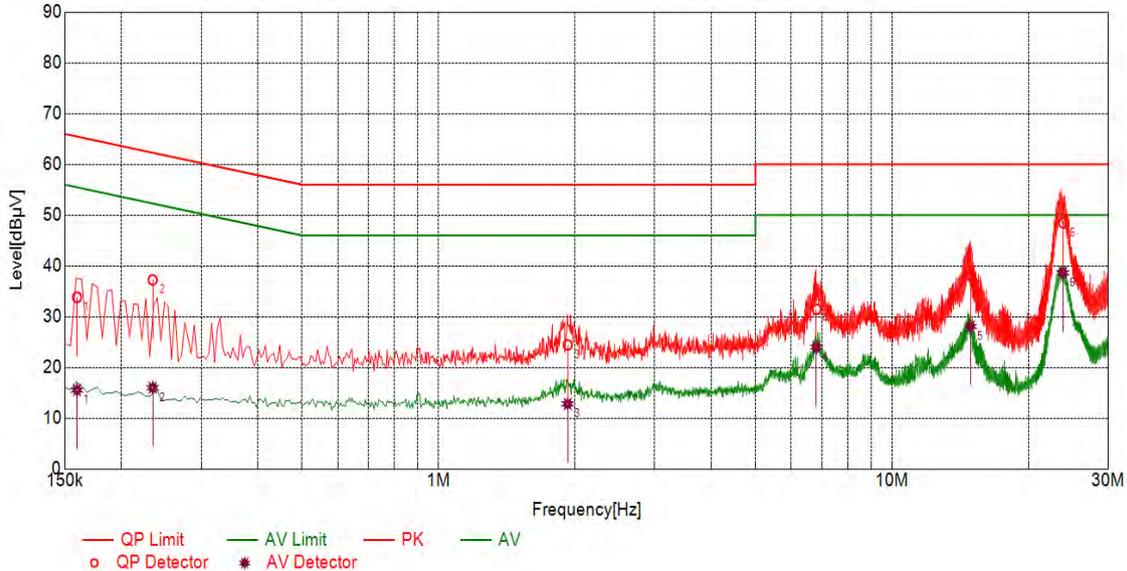
Test Graph

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]	Type
1	0.1594	10.10	33.03	65.49	32.46	13.62	55.49	41.87	L
2	0.3231	10.10	22.76	59.63	36.87	11.12	49.63	38.51	L
3	1.9876	10.10	23.73	56.00	32.27	12.35	46.00	33.65	L
4	6.8576	10.10	32.31	60.00	27.69	25.44	50.00	24.56	L
5	14.8506	10.11	38.96	60.00	21.04	28.90	50.00	21.10	L
6	23.7650	10.11	49.06	60.00	10.94	38.94	50.00	11.06	L



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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]	Type
1	0.1597	10.10	33.82	65.48	31.66	15.52	55.48	39.96	N
2	0.2345	10.10	37.26	62.29	25.03	16.00	52.29	36.29	N
3	1.9282	10.10	24.43	56.00	31.57	12.81	46.00	33.19	N
4	6.8166	10.10	31.47	60.00	28.53	23.99	50.00	26.01	N
5	14.9194	10.11	38.09	60.00	21.91	28.08	50.00	21.92	N
6	23.8401	10.11	48.49	60.00	11.51	38.63	50.00	11.37	N

Remarks:

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



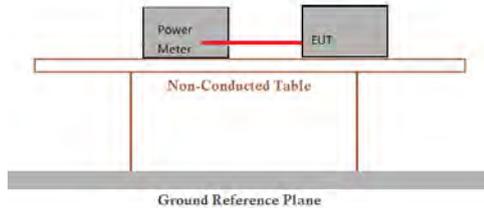
4.3 Duty Cycle

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(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). 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

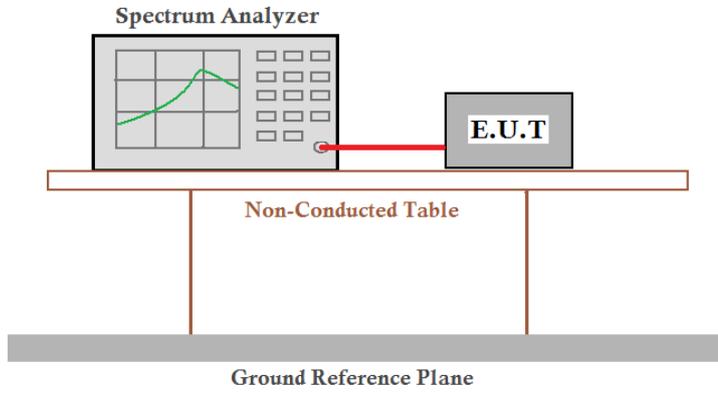
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	<p>The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference 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(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). 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

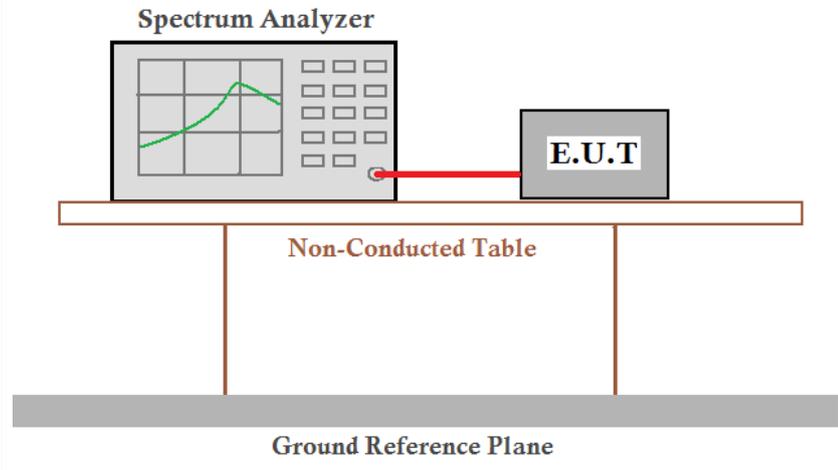
Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 6 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case 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(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). 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(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). 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(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). 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:	

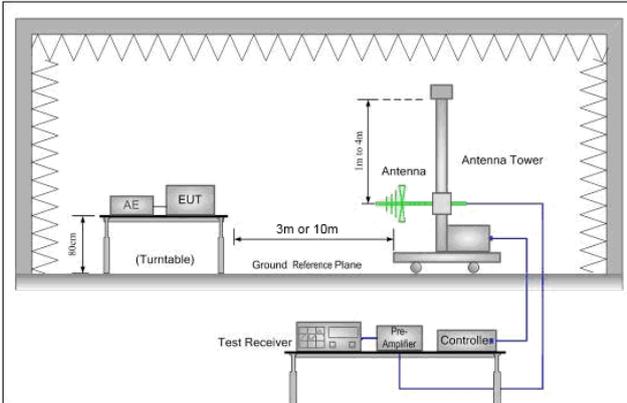


Figure 1. 30MHz to 1GHz

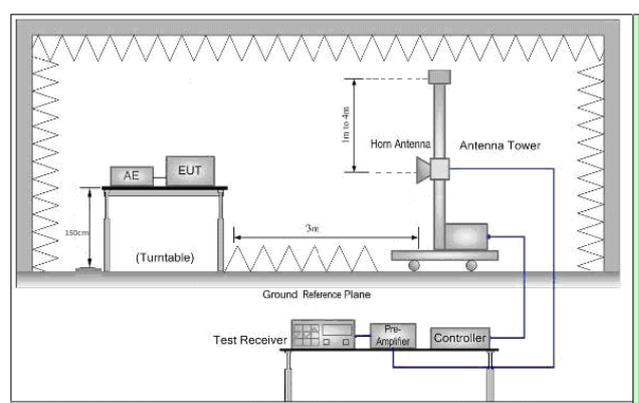


Figure 2. Above 1 GHz

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);



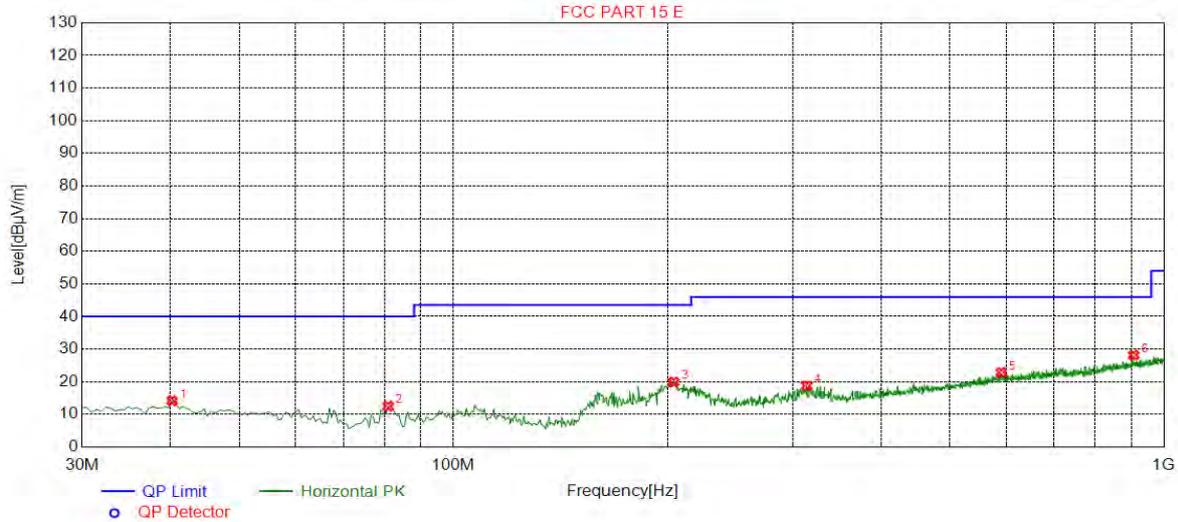
	<p>MCS0 of rate is the worst case of 802.11ac(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.</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

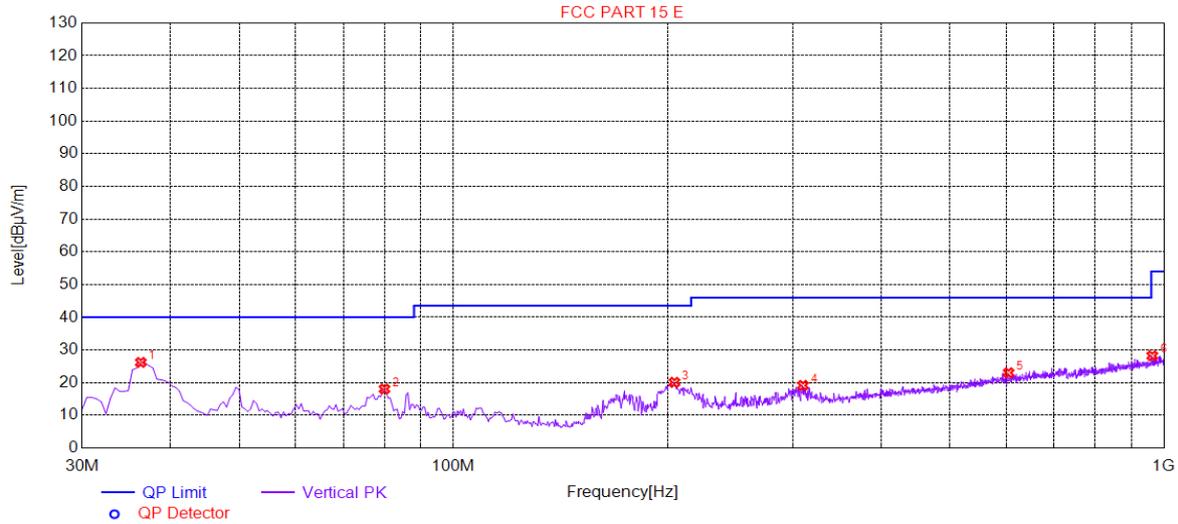
Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.1901	14.20	40.00	25.80	247	61	Horizontal
2	80.9505	12.54	40.00	27.46	223	87	Horizontal
3	204.2021	19.94	43.50	23.56	209	309	Horizontal
4	314.3522	18.79	46.00	27.21	212	339	Horizontal
5	590.4552	22.86	46.00	23.14	229	339	Horizontal
6	906.8334	28.18	46.00	17.82	170	31	Horizontal

Final Data List



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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	36.3082	26.20	40.00	13.80	214	14	Vertical
2	79.9800	18.07	40.00	21.93	270	257	Vertical
3	204.6873	20.11	43.50	23.39	285	328	Vertical
4	310.4702	19.18	46.00	26.82	174	18	Vertical
5	604.5273	23.03	46.00	22.97	226	229	Vertical
6	963.1216	28.23	54.00	25.77	203	133	Vertical

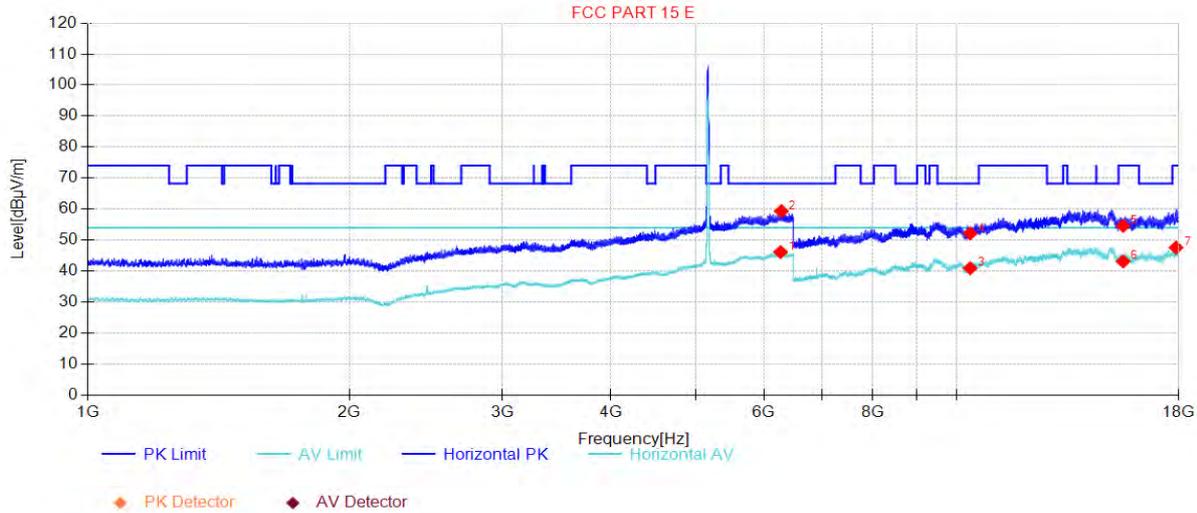
Final Data List



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4.9.1 Transmitter emission above 1GHz
4.9.1.1 802.11A_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	6268.61	46.10	18.33	54.00	7.90	387	90	Horizontal
2	6280.71	59.30	18.39	68.20	8.90	206	11	Horizontal
3	10360.0	40.89	2.38	54.00	13.11	395	243	Horizontal
4	10360.0	52.12	2.38	68.20	16.08	111	337	Horizontal
5	15540.0	43.10	5.88	54.00	10.90	300	3	Horizontal
6	15540.0	54.57	5.88	74.00	19.43	366	42	Horizontal
7	17874.8	47.55	8.63	54.00	6.45	200	175	Horizontal

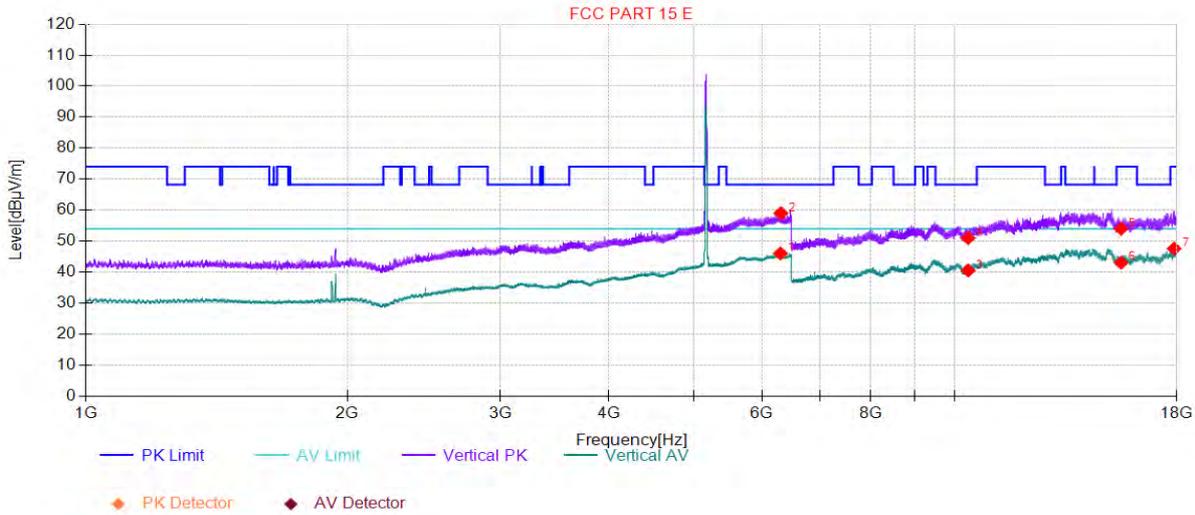
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4.9.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6299.05	46.01	18.48	54.00	7.99	312	187	Vertical
2	6308.22	59.03	18.46	68.20	9.17	191	116	Vertical
3	10360.0	40.53	2.38	54.00	13.47	103	320	Vertical
4	10360.0	50.97	2.38	68.20	17.23	189	168	Vertical
5	15540.0	53.98	5.88	74.00	20.02	106	175	Vertical
6	15540.0	43.06	5.88	54.00	10.94	200	177	Vertical
7	17879.9	47.57	8.67	54.00	6.43	300	89	Vertical

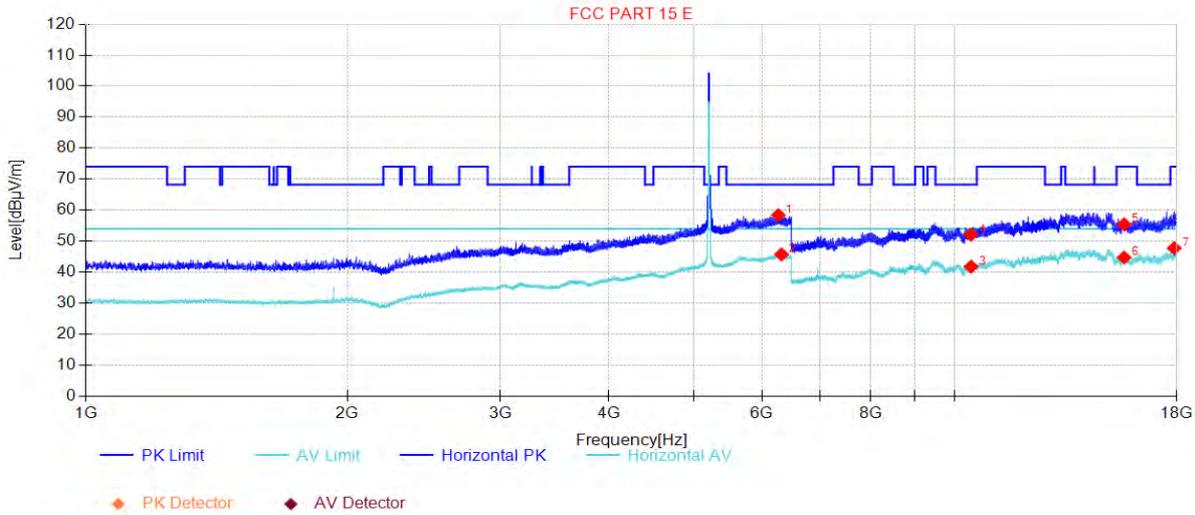
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4.9.1.3 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6299.05	46.01	18.48	54.00	7.99	312	187	Vertical
2	6308.22	59.03	18.46	68.20	9.17	191	116	Vertical
3	10360.0	40.53	2.38	54.00	13.47	103	320	Vertical
4	10360.0	50.97	2.38	68.20	17.23	189	168	Vertical
5	15540.0	53.98	5.88	74.00	20.02	106	175	Vertical
6	15540.0	43.06	5.88	54.00	10.94	200	177	Vertical
7	17879.9	47.57	8.67	54.00	6.43	300	89	Vertical

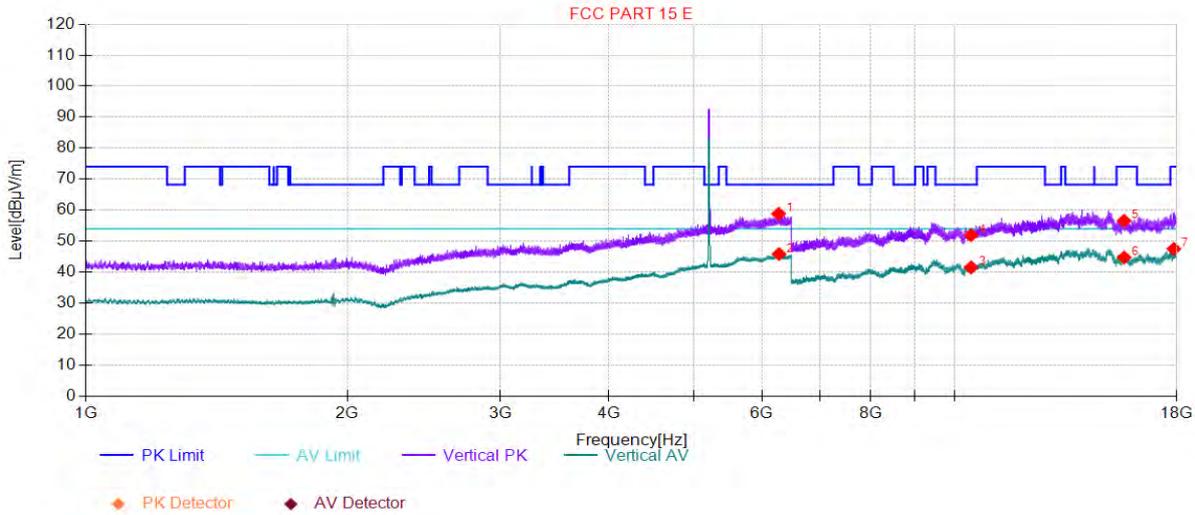
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4.9.1.4 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6269.71	58.81	18.34	68.20	9.39	162	242	Vertical
2	6275.95	45.82	18.37	54.00	8.18	144	303	Vertical
3	10440.0	41.51	2.46	54.00	12.49	184	154	Vertical
4	10440.0	51.94	2.46	68.20	16.26	151	88	Vertical
5	15660.0	44.72	6.12	54.00	9.28	150	232	Vertical
6	15660.0	56.56	6.12	74.00	17.44	132	298	Vertical
7	17867.5	47.49	8.56	54.00	6.51	150	203	Vertical

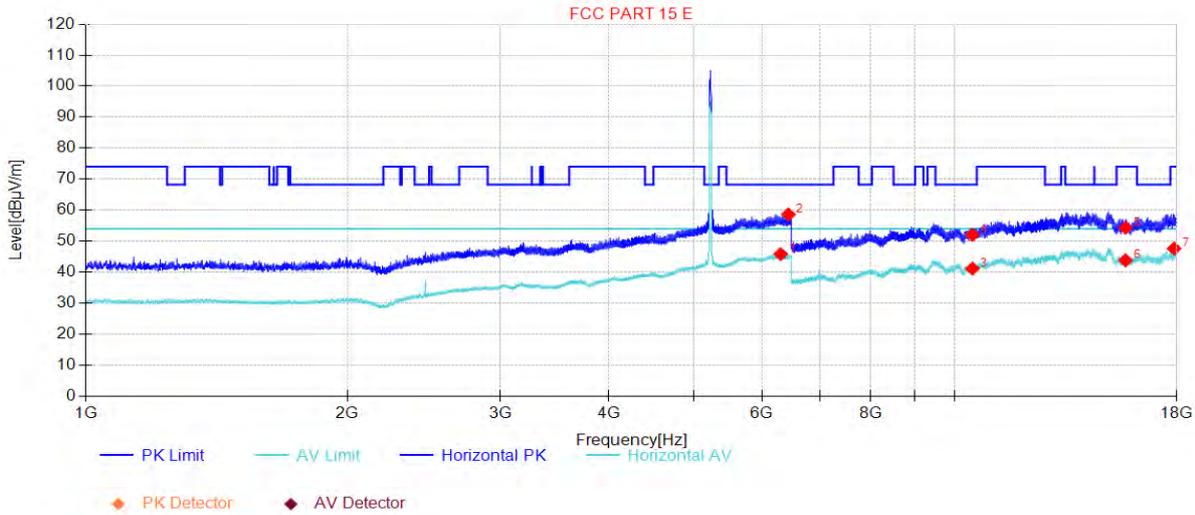
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4.9.1.5 802.11A_Channel 48

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6303.453	45.81	18.47	54.00	8.19	165	Horizontal
2	6434.729	58.60	18.35	68.20	9.60	148	Horizontal
3	10480.00	41.13	2.49	54.00	12.87	113	Horizontal
4	10480.00	52.00	2.49	68.20	16.20	153	Horizontal
5	15720.00	54.28	5.92	74.00	19.72	150	Horizontal
6	15720.00	43.80	5.92	54.00	10.20	157	Horizontal
7	17878.55	47.59	8.66	54.00	6.41	150	Horizontal

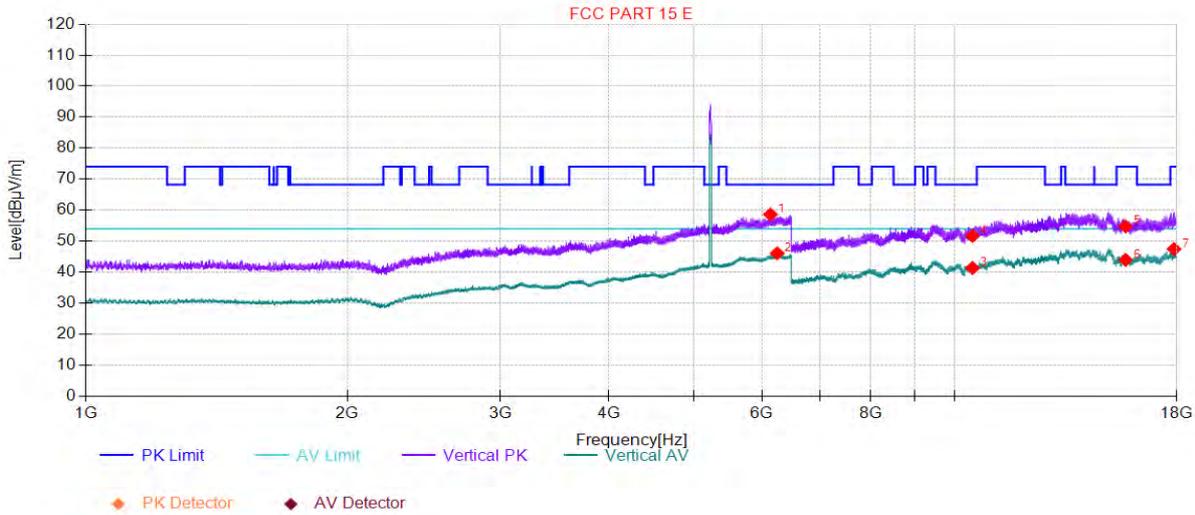
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4.9.1.6 802.11A_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6134.775	58.59	17.85	68.20	9.61	231	Vertical
2	6245.149	46.06	18.22	54.00	7.94	218	Vertical
3	10480.00	41.32	2.49	54.00	12.68	182	Vertical
4	10480.00	51.66	2.49	68.20	16.54	193	Vertical
5	15720.00	54.73	5.92	74.00	19.27	150	Vertical
6	15720.00	43.93	5.92	54.00	10.07	221	Vertical
7	17875.79	47.44	8.63	54.00	6.56	150	Vertical

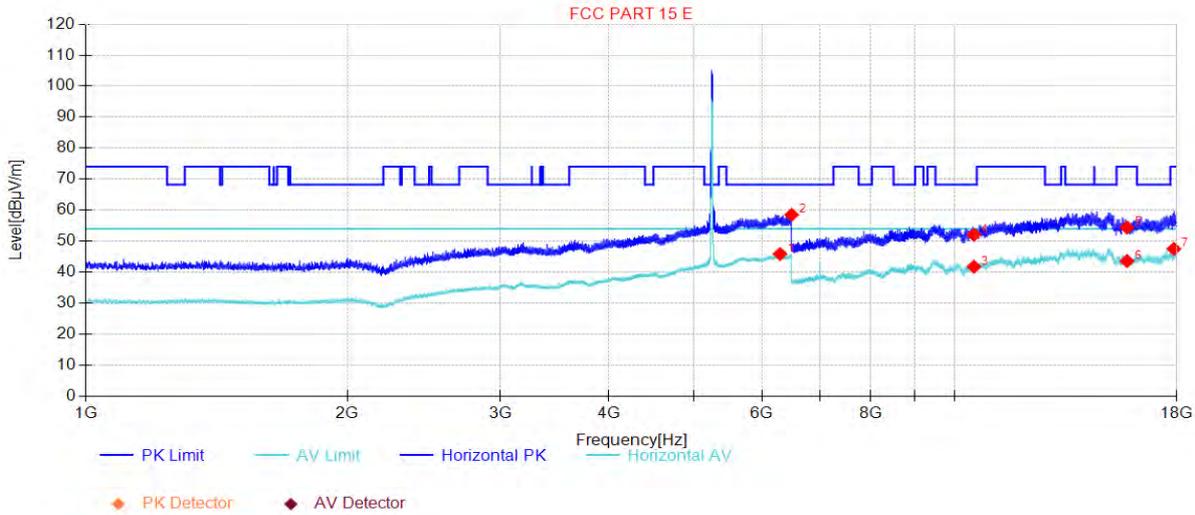
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4.9.1.7 802.11A_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6293.186	45.84	18.45	54.00	8.16	128	Horizontal
2	6489.732	58.49	18.66	68.20	9.71	158	Horizontal
3	10520.00	41.74	2.45	54.00	12.26	165	Horizontal
4	10520.00	52.06	2.45	68.20	16.14	184	Horizontal
5	15780.00	54.38	5.30	74.00	19.62	168	Horizontal
6	15780.00	43.56	5.30	54.00	10.44	150	Horizontal
7	17867.51	47.50	8.56	54.00	6.50	128	Horizontal

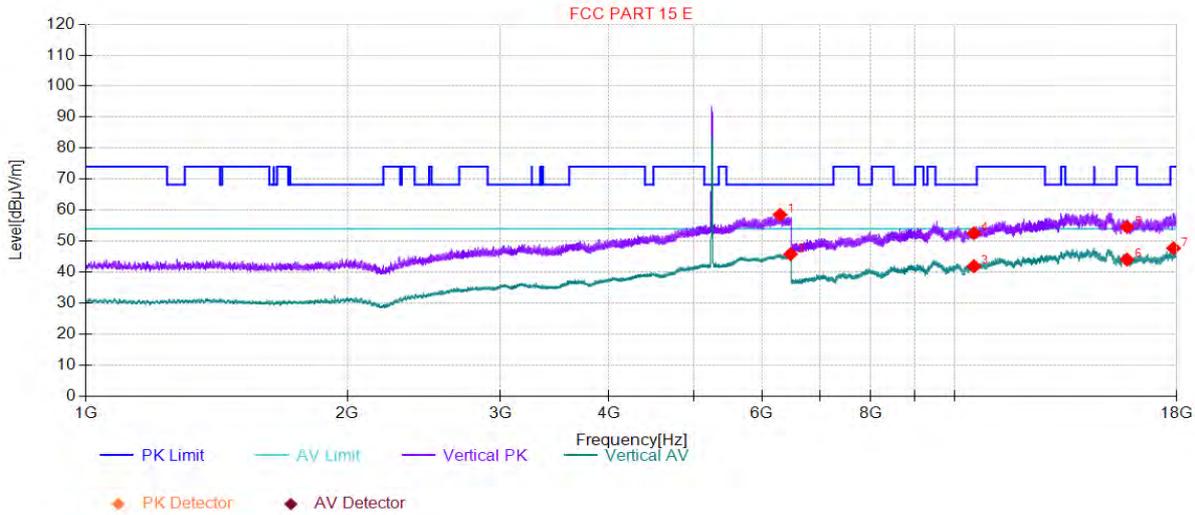
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4.9.1.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6293.919	58.51	18.46	68.20	9.69	144	Vertical
2	6471.031	45.80	18.55	54.00	8.20	181	Vertical
3	10520.00	41.90	2.45	54.00	12.10	162	Vertical
4	10520.00	52.54	2.45	68.20	15.66	132	Vertical
5	15780.00	54.59	5.30	74.00	19.41	214	Vertical
6	15780.00	44.03	5.30	54.00	9.97	209	Vertical
7	17853.71	47.69	8.45	54.00	6.31	144	Vertical

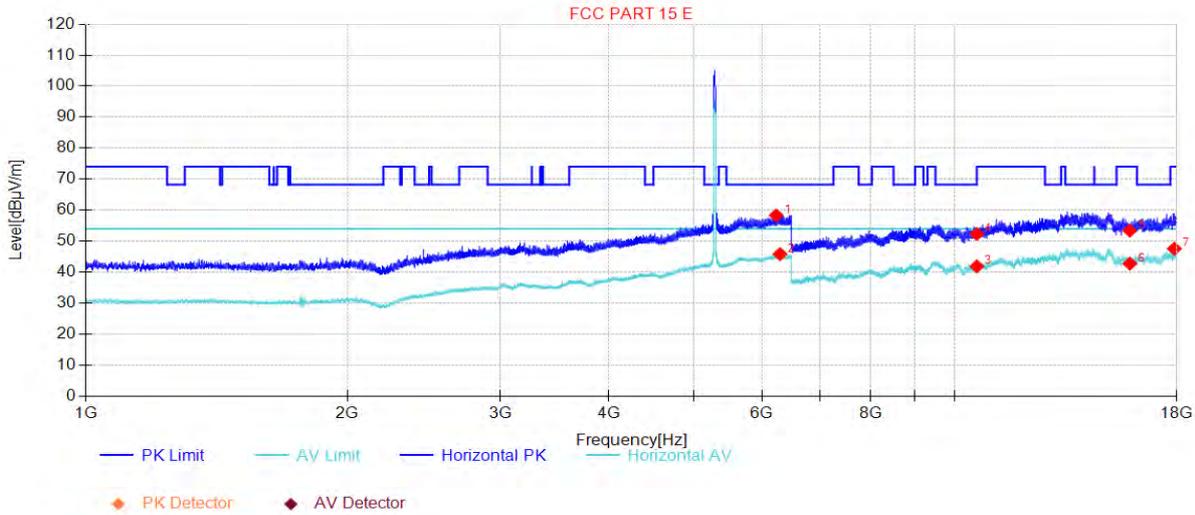
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4.9.1.9 802.11A_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6231.215	58.31	18.15	68.20	9.89	135	Horizontal
2	6292.452	45.81	18.45	54.00	8.19	184	Horizontal
3	10600.00	41.82	2.23	54.00	12.18	163	Horizontal
4	10600.00	52.27	2.23	74.00	21.73	172	Horizontal
5	15900.00	53.38	5.29	74.00	20.62	138	Horizontal
6	15900.00	42.72	5.29	54.00	11.28	150	Horizontal
7	17890.05	47.55	8.75	54.00	6.45	135	Horizontal

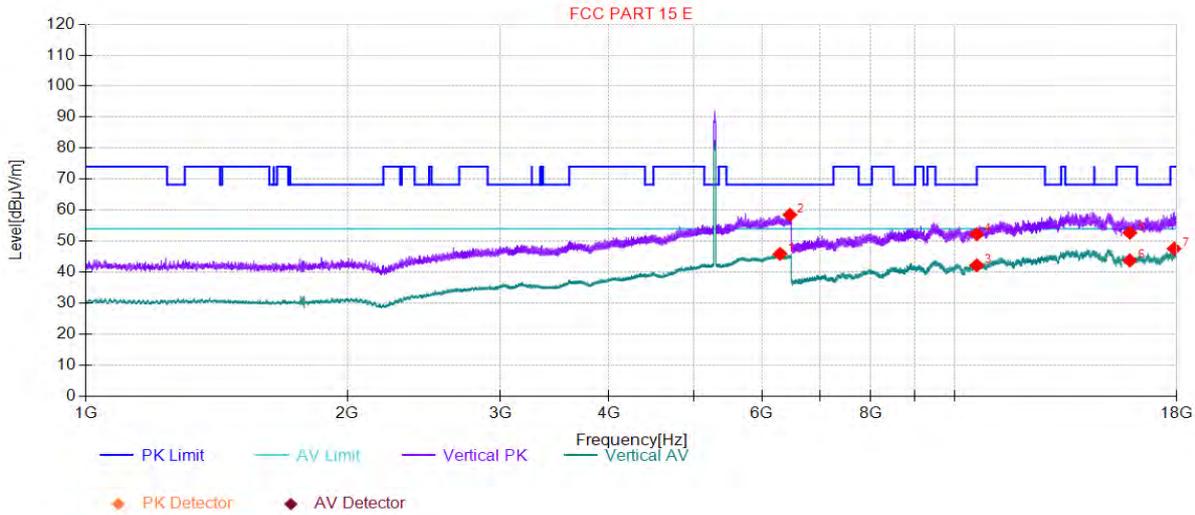
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4.9.1.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	45.87	18.45	54.00	8.13	236	Vertical
2	6458.197	58.48	18.48	68.20	9.72	204	Vertical
3	10600.00	42.20	2.23	54.00	11.80	194	Vertical
4	10600.00	52.21	2.23	74.00	21.79	189	Vertical
5	15900.00	52.69	5.29	74.00	21.31	177	Vertical
6	15900.00	43.77	5.29	54.00	10.23	150	Vertical
7	17878.09	47.55	8.65	54.00	6.45	236	Vertical

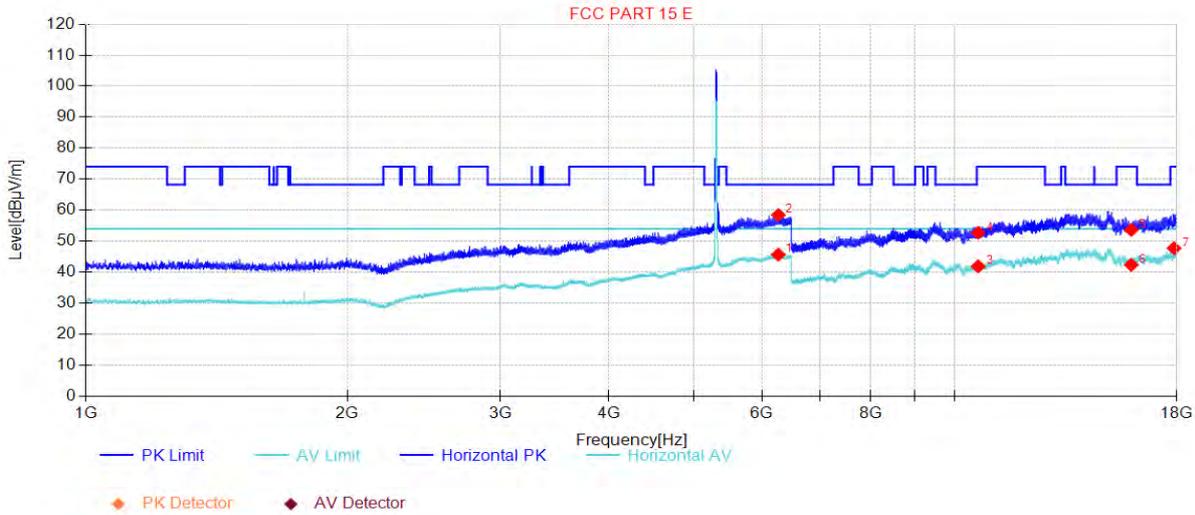
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4.9.1.11 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6264.217	45.64	18.31	54.00	8.36	158	Horizontal
2	6265.317	58.43	18.32	68.20	9.77	162	Horizontal
3	10640.00	41.83	2.22	54.00	12.17	171	Horizontal
4	10640.00	52.66	2.22	74.00	21.34	149	Horizontal
5	15960.00	53.64	5.01	74.00	20.36	153	Horizontal
6	15960.00	42.33	5.01	54.00	11.67	150	Horizontal
7	17876.71	47.69	8.64	54.00	6.31	158	Horizontal

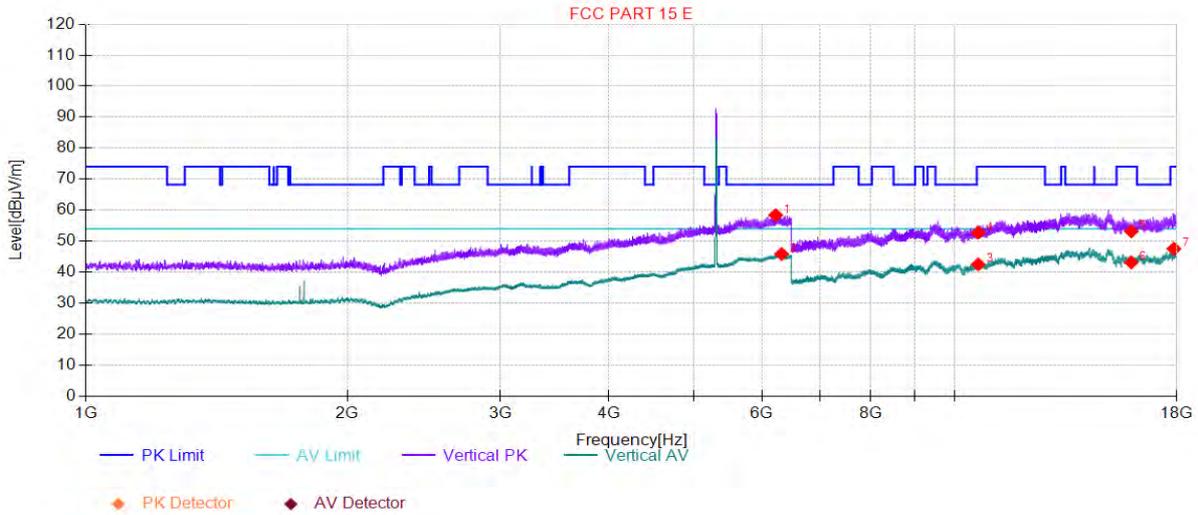
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4.9.1.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6220.214	58.38	18.10	68.20	9.82	177	Vertical
2	6318.854	45.84	18.42	54.00	8.16	198	Vertical
3	10640.00	42.49	2.22	54.00	11.51	243	Vertical
4	10640.00	52.73	2.22	74.00	21.27	208	Vertical
5	15960.00	53.15	5.01	74.00	20.85	234	Vertical
6	15960.00	43.12	5.01	54.00	10.88	150	Vertical
7	17871.65	47.52	8.60	54.00	6.48	177	Vertical

Final Data List



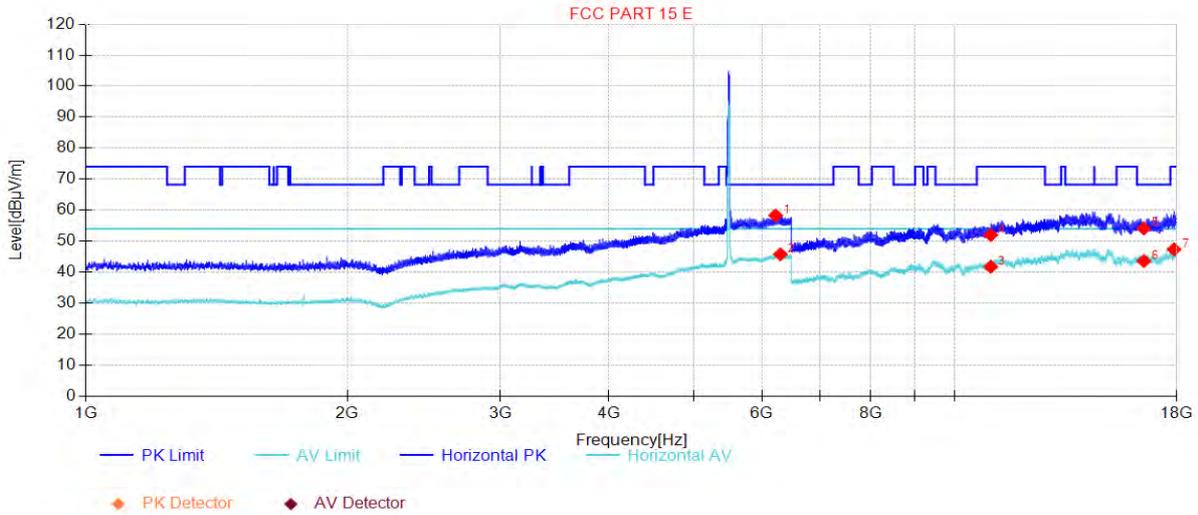
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.1.13 802.11A_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6219.481	58.28	18.09	68.20	9.92	156	Horizontal
2	6299.053	45.75	18.48	54.00	8.25	135	Horizontal
3	11000.00	41.72	2.74	54.00	12.28	182	Horizontal
4	11000.00	51.97	2.74	74.00	22.03	128	Horizontal
5	16500.00	54.07	5.09	68.20	14.13	162	Horizontal
6	16500.00	43.55	5.09	54.00	10.45	164	Horizontal
7	17877.17	47.33	8.64	54.00	6.67	156	Horizontal

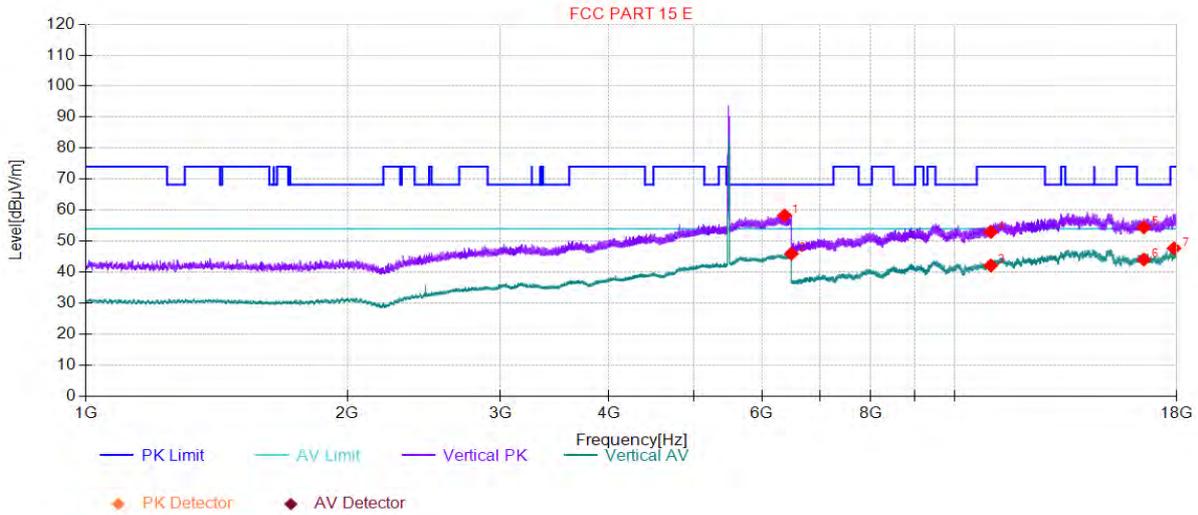
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4.9.1.14 802.11A_Channel 100

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6370.558	58.30	18.26	68.20	9.90	209	Vertical
2	6484.232	45.93	18.63	54.00	8.07	188	Vertical
3	11000.00	42.14	2.74	54.00	11.86	233	Vertical
4	11000.00	52.95	2.74	74.00	21.05	242	Vertical
5	16500.00	54.43	5.09	68.20	13.77	197	Vertical
6	16500.00	44.06	5.09	54.00	9.94	150	Vertical
7	17875.79	47.66	8.63	54.00	6.34	209	Vertical

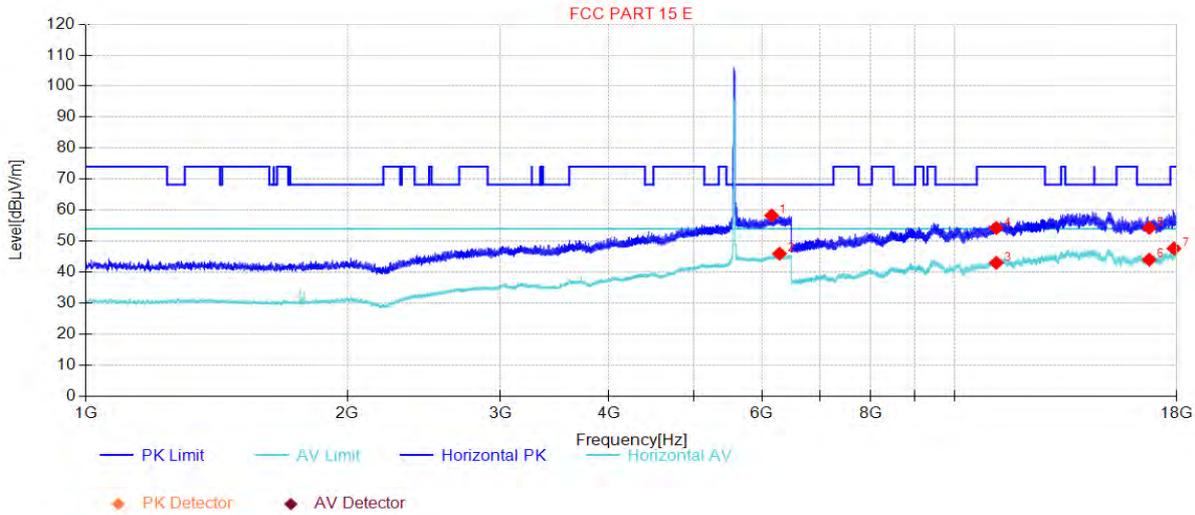
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4.9.1.15 802.11A_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6154.577	58.27	17.90	68.20	9.93	135	Horizontal
2	6283.285	45.96	18.40	54.00	8.04	120	Horizontal
3	11160.00	42.97	2.54	54.00	11.03	153	Horizontal
4	11160.00	54.24	2.54	74.00	19.76	145	Horizontal
5	16740.00	54.25	5.53	68.20	13.95	184	Horizontal
6	16740.00	44.01	5.53	54.00	9.99	150	Horizontal
7	17874.41	47.62	8.62	54.00	6.38	135	Horizontal

Final Data List



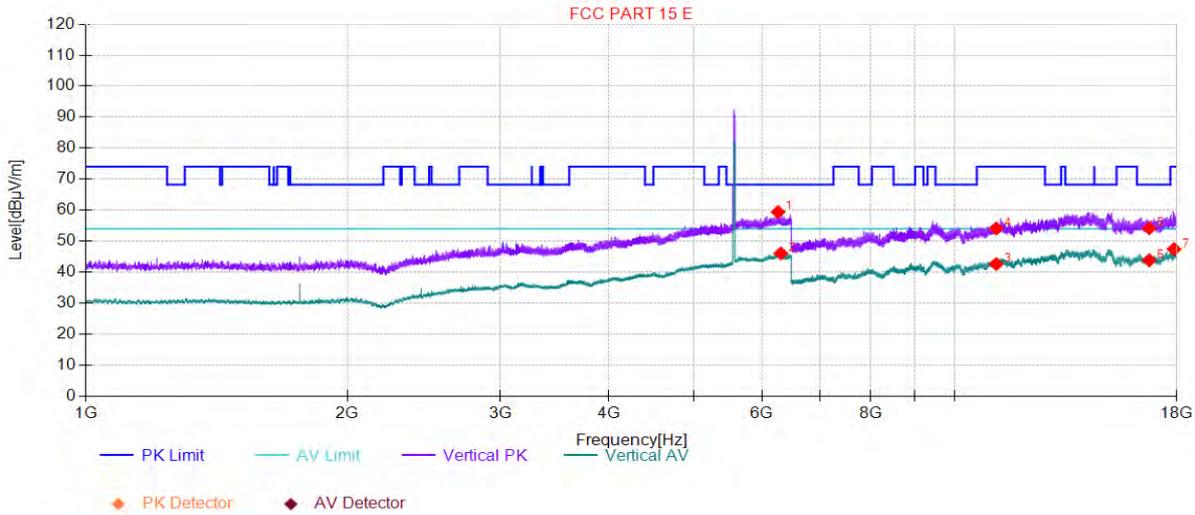
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.1.16 802.11A_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6261.284	59.40	18.30	68.20	8.80	227	Vertical
2	6307.120	46.04	18.46	54.00	7.96	185	Vertical
3	11160.00	42.60	2.54	54.00	11.40	197	Vertical
4	11160.00	54.07	2.54	74.00	19.93	234	Vertical
5	16740.00	54.14	5.53	68.20	14.06	221	Vertical
6	16740.00	43.79	5.53	54.00	10.21	150	Vertical
7	17876.71	47.41	8.64	54.00	6.59	227	Vertical

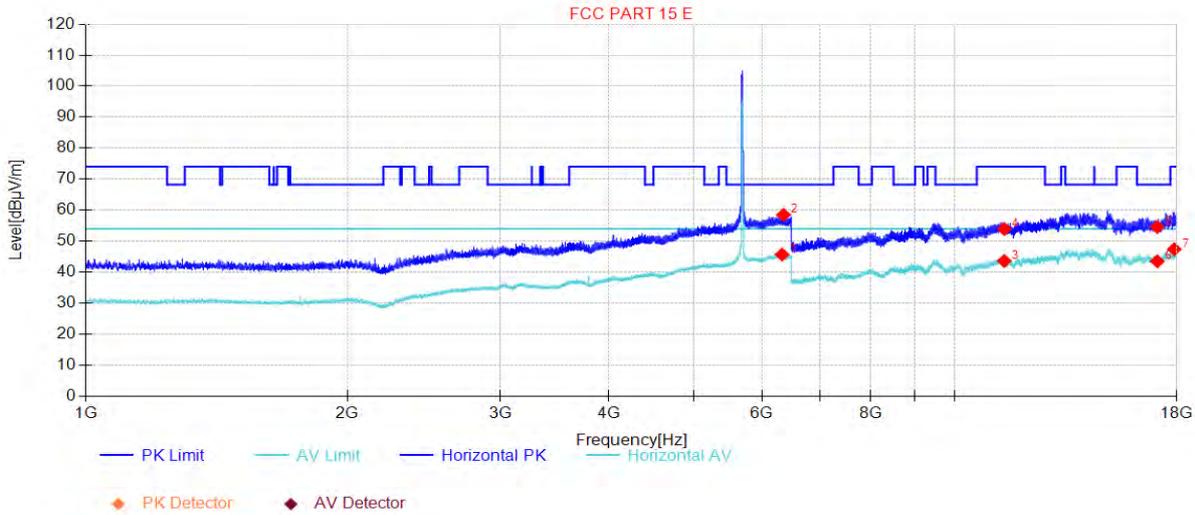
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4.9.1.17 802.11A_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6326.555	45.67	18.40	54.00	8.33	155	Horizontal
2	6352.223	58.48	18.32	68.20	9.72	142	Horizontal
3	11400.00	43.59	2.54	54.00	10.41	138	Horizontal
4	11400.00	53.91	2.54	74.00	20.09	161	Horizontal
5	17100.00	54.54	5.72	68.20	13.66	179	Horizontal
6	17100.00	43.47	5.72	54.00	10.53	158	Horizontal
7	17888.67	47.39	8.74	54.00	6.61	155	Horizontal

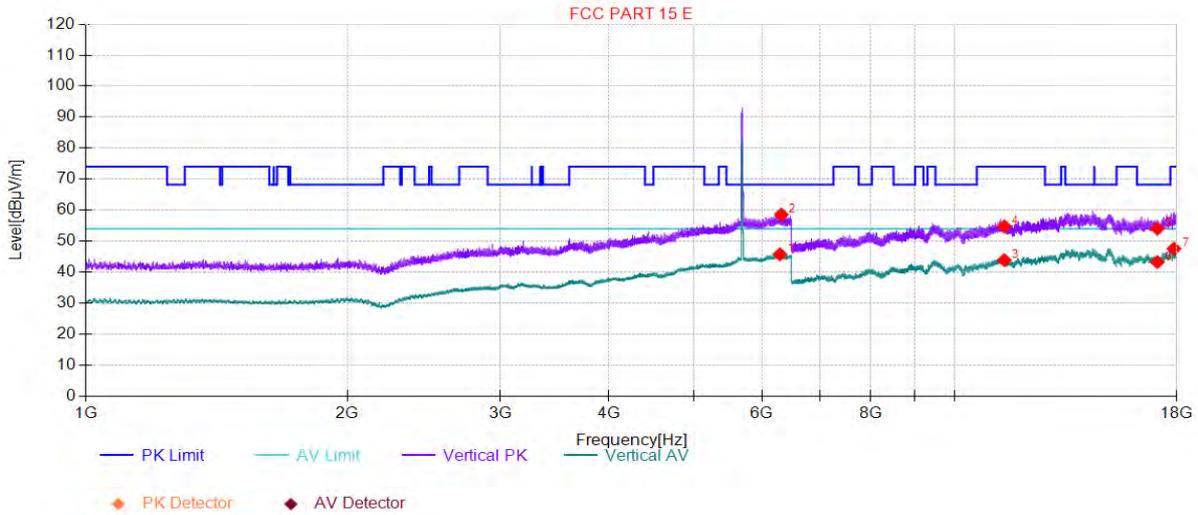
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4.9.1.18 802.11A_Channel 140

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6290.619	45.74	18.44	54.00	8.26	242	Vertical
2	6314.821	58.57	18.44	68.20	9.63	192	Vertical
3	11400.00	43.84	2.54	54.00	10.16	145	Vertical
4	11400.00	54.76	2.54	74.00	19.24	178	Vertical
5	17100.00	54.03	5.72	68.20	14.17	233	Vertical
6	17100.00	43.21	5.72	54.00	10.79	150	Vertical
7	17875.79	47.56	8.63	54.00	6.44	242	Vertical

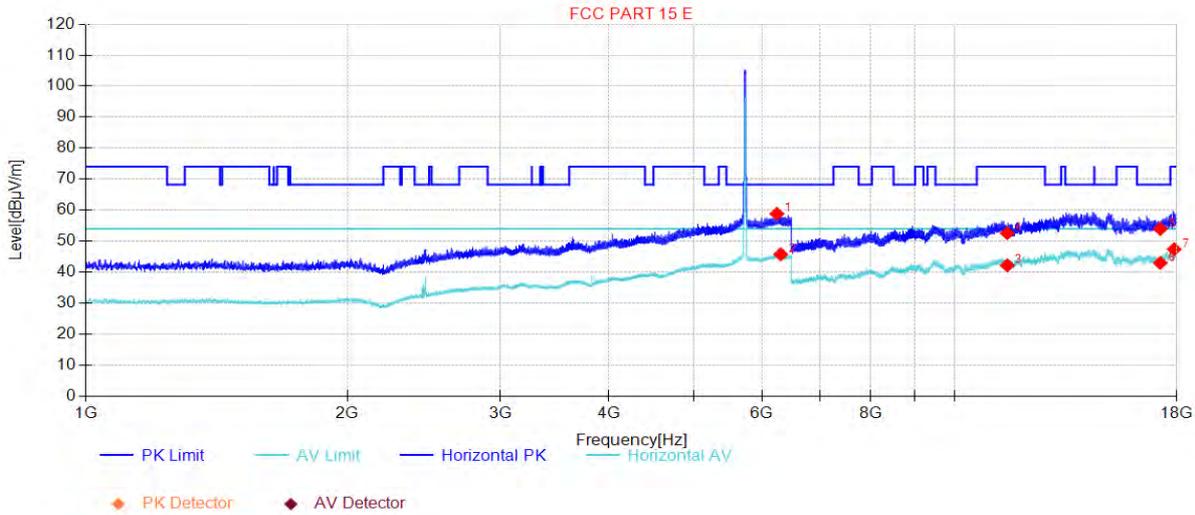
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4.9.1.19 802.11A_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6240.016	58.81	18.19	68.20	9.39	152	Horizontal
2	6304.553	45.72	18.47	54.00	8.28	174	Horizontal
3	11490.00	42.17	2.10	54.00	11.83	184	Horizontal
4	11490.00	52.56	2.10	74.00	21.44	165	Horizontal
5	17235.00	53.94	6.10	68.20	14.26	175	Horizontal
6	17235.00	42.96	6.10	54.00	11.04	165	Horizontal
7	17883.15	47.37	8.69	54.00	6.63	152	Horizontal

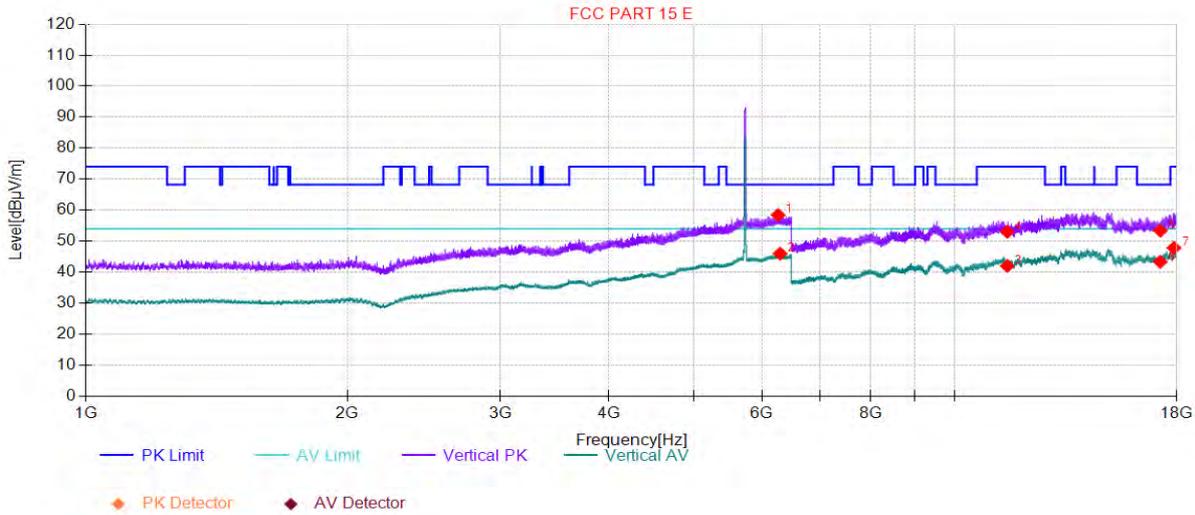
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4.9.1.20 802.11A_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6261.650	58.43	18.30	68.20	9.77	252	Vertical
2	6294.286	45.95	18.46	54.00	8.05	244	Vertical
3	11490.00	42.00	2.10	54.00	12.00	263	Vertical
4	11490.00	53.01	2.10	74.00	20.99	249	Vertical
5	17235.00	53.37	6.10	68.20	14.83	226	Vertical
6	17235.00	43.33	6.10	54.00	10.67	234	Vertical
7	17870.73	47.82	8.59	54.00	6.18	252	Vertical

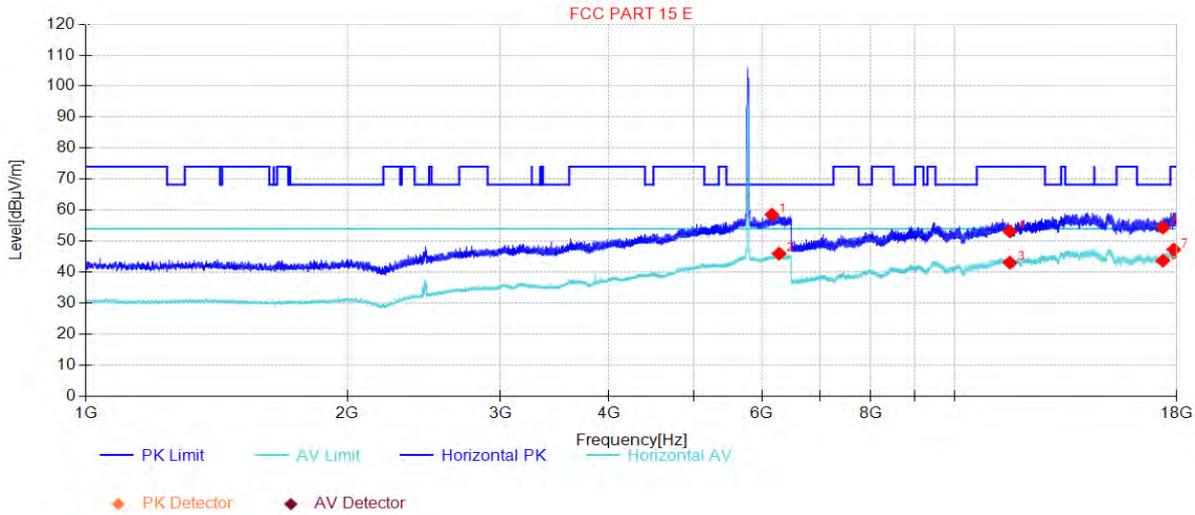
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4.9.1.21 802.11A_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6158.610	58.57	17.91	68.20	9.63	156	Horizontal
2	6276.318	45.96	18.37	54.00	8.04	174	Horizontal
3	11570.00	43.06	2.92	54.00	10.94	174	Horizontal
4	11570.00	53.14	2.92	74.00	20.86	163	Horizontal
5	17355.00	54.35	6.75	68.20	13.85	182	Horizontal
6	17355.00	43.67	6.75	54.00	10.33	163	Horizontal
7	17863.37	47.27	8.53	54.00	6.73	156	Horizontal

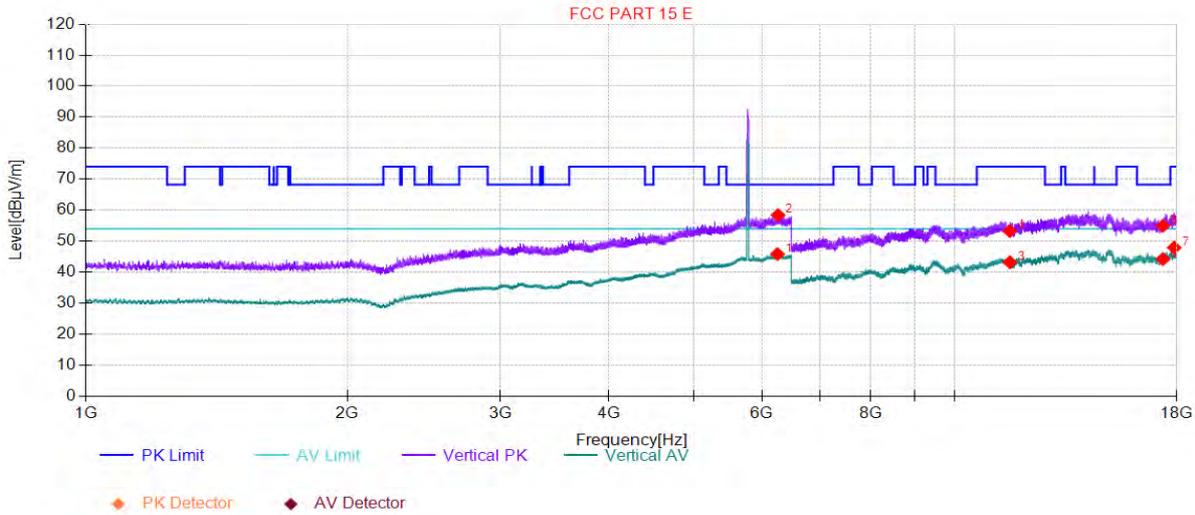
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4.9.1.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6251.383	45.80	18.25	54.00	8.20	264	Vertical
2	6259.450	58.43	18.29	68.20	9.77	263	Vertical
3	11570.00	43.14	2.92	54.00	10.86	251	Vertical
4	11570.00	53.23	2.92	74.00	20.77	274	Vertical
5	17355.00	54.94	6.75	68.20	13.26	269	Vertical
6	17355.00	44.18	6.75	54.00	9.82	238	Vertical
7	17884.99	47.91	8.71	54.00	6.09	264	Vertical

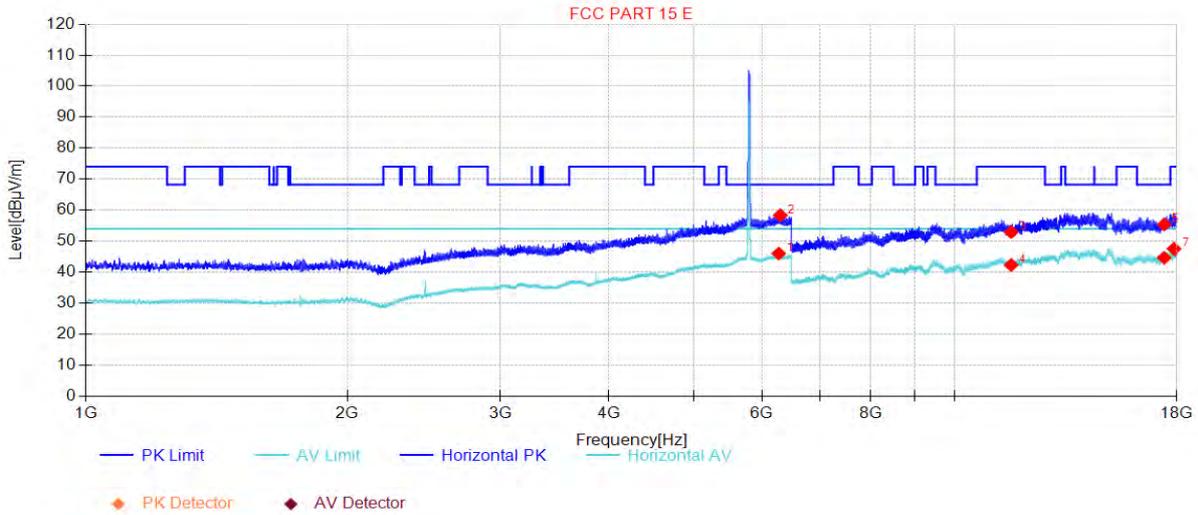
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4.9.1.23 802.11A_Channel 161

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6271.184	46.00	18.35	54.00	8.00	165	Horizontal
2	6298.686	58.37	18.48	68.20	9.83	175	Horizontal
3	11610.00	52.91	3.14	74.00	21.09	152	Horizontal
4	11610.00	42.29	3.14	54.00	11.71	159	Horizontal
5	17415.00	55.36	6.97	68.20	12.84	164	Horizontal
6	17475.00	44.61	6.97	54.00	9.39	179	Horizontal
7	17873.95	47.53	8.62	54.00	6.47	165	Horizontal

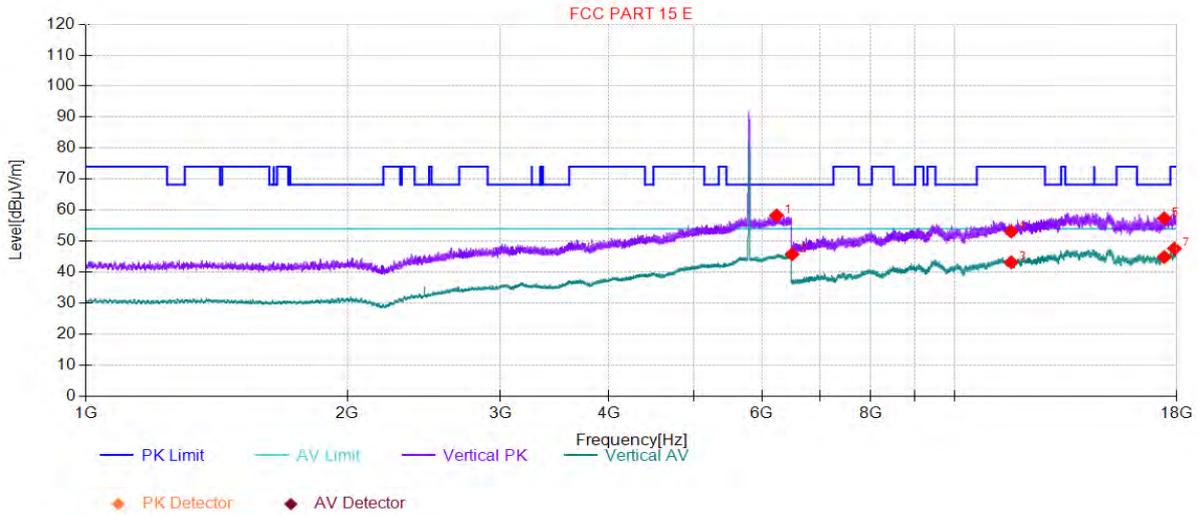
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4.9.1.24 802.11A_Channel 161

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6234.515	58.29	18.17	68.20	9.91	204	Vertical
2	6498.166	45.78	18.70	54.00	8.22	215	Vertical
3	11610.00	43.16	3.14	54.00	10.84	236	Vertical
4	11610.00	53.10	3.14	74.00	20.90	249	Vertical
5	17415.00	57.36	6.97	68.20	10.84	247	Vertical
6	17475.00	44.85	6.97	54.00	9.15	243	Vertical
7	17894.19	47.60	8.78	54.00	6.40	204	Vertical

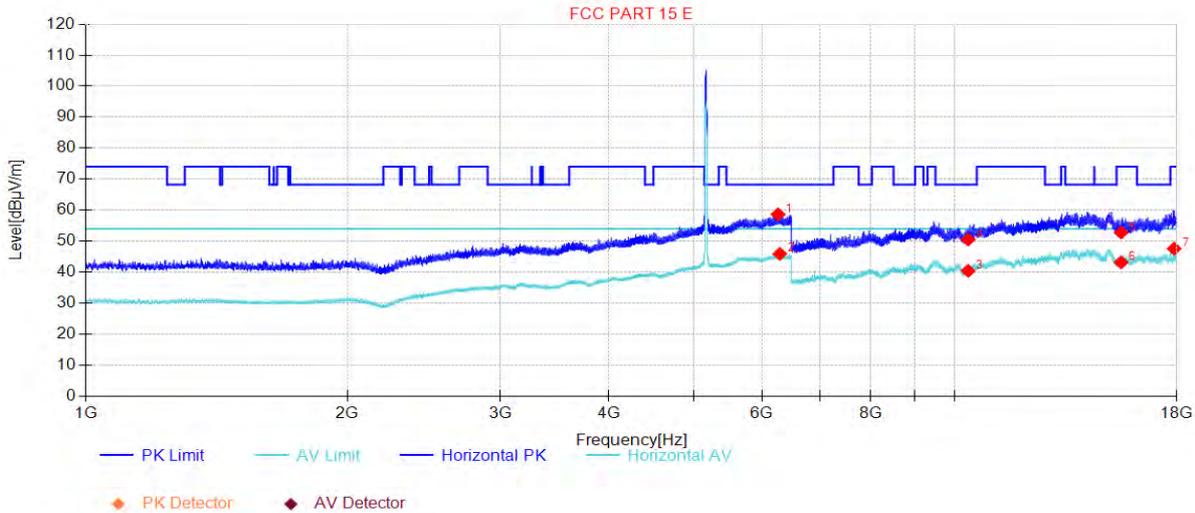
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4.9.1.25 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6260.917	58.63	18.30	68.20	9.57	151	Horizontal
2	6288.785	45.88	18.43	54.00	8.12	156	Horizontal
3	10360.00	40.40	2.38	54.00	13.60	153	Horizontal
4	10360.00	50.53	2.38	68.20	17.67	169	Horizontal
5	15540.00	52.74	5.88	74.00	21.26	175	Horizontal
6	15540.00	43.11	5.88	54.00	10.89	186	Horizontal
7	17881.77	47.57	8.68	54.00	6.43	192	Horizontal

Final Data List

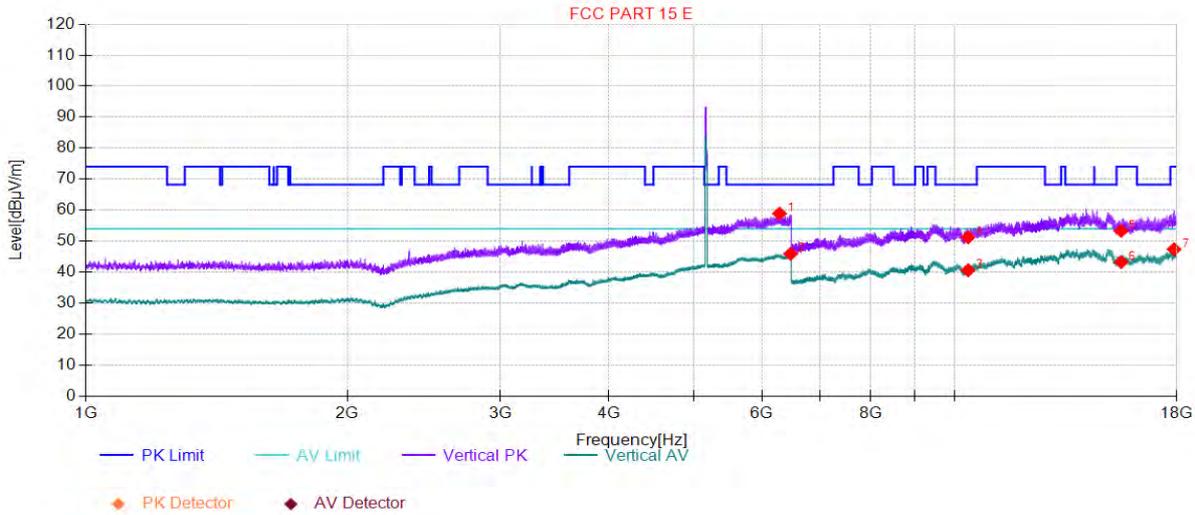


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4.9.1.26 802.11N20_Channel 36

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6283.285	58.89	18.40	68.20	9.31	241	Vertical
2	6471.031	45.90	18.55	54.00	8.10	223	Vertical
3	10360.00	40.62	2.38	54.00	13.38	246	Vertical
4	10360.00	51.24	2.38	68.20	16.96	215	Vertical
5	15540.00	53.33	5.88	74.00	20.67	269	Vertical
6	15540.00	43.23	5.88	54.00	10.77	286	Vertical
7	17879.47	47.35	8.66	54.00	6.65	150	Vertical

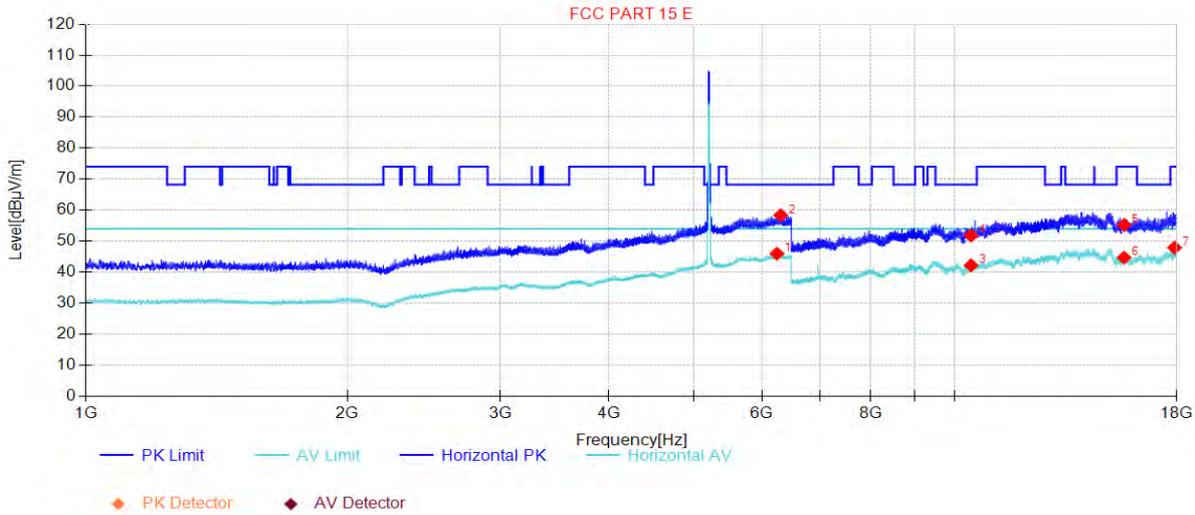
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4.9.1.27 802.11N20_Channel 44

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6242.216	45.94	18.20	54.00	8.06	161	Horizontal
2	6304.186	58.34	18.47	68.20	9.86	194	Horizontal
3	10440.00	42.19	2.46	54.00	11.81	155	Horizontal
4	10440.00	51.83	2.46	68.20	16.37	149	Horizontal
5	15660.00	55.22	6.12	74.00	18.78	176	Horizontal
6	15660.00	44.66	6.12	54.00	9.34	163	Horizontal
7	17900.63	47.87	8.83	54.00	6.13	150	Horizontal

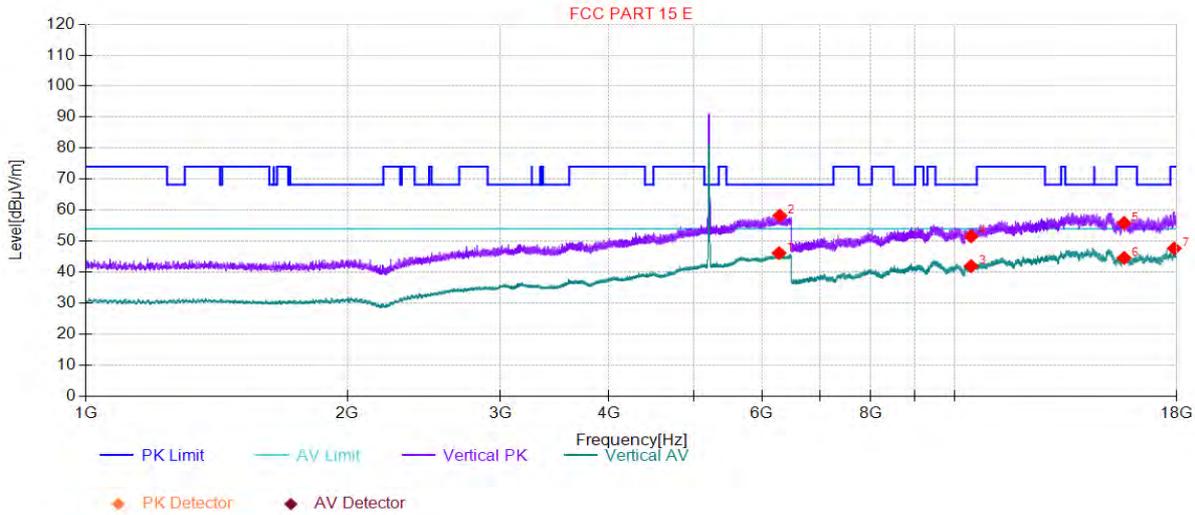
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4.9.1.28 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6276.685	46.11	18.37	54.00	7.89	256	Vertical
2	6290.619	58.21	18.44	68.20	9.99	243	Vertical
3	10440.00	41.94	2.46	54.00	12.06	259	Vertical
4	10440.00	51.53	2.46	68.20	16.67	268	Vertical
5	15660.00	55.83	6.12	74.00	18.17	264	Vertical
6	15660.00	44.56	6.12	54.00	9.44	267	Vertical
7	17886.37	47.62	8.72	54.00	6.38	150	Vertical

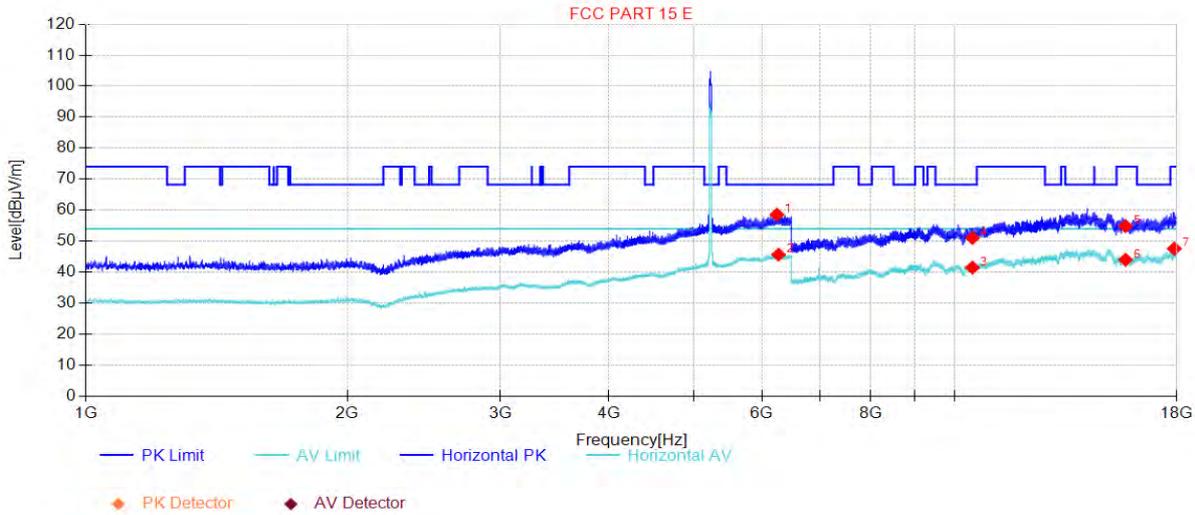
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4.9.1.29 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6241.116	58.53	18.20	68.20	9.67	187	Horizontal
2	6267.151	45.65	18.33	54.00	8.35	165	Horizontal
3	10480.00	41.45	2.49	54.00	12.55	165	Horizontal
4	10480.00	51.04	2.49	68.20	17.16	174	Horizontal
5	15720.00	54.80	5.92	74.00	19.20	184	Horizontal
6	15720.00	43.97	5.92	54.00	10.03	149	Horizontal
7	17888.21	47.55	8.74	54.00	6.45	150	Horizontal

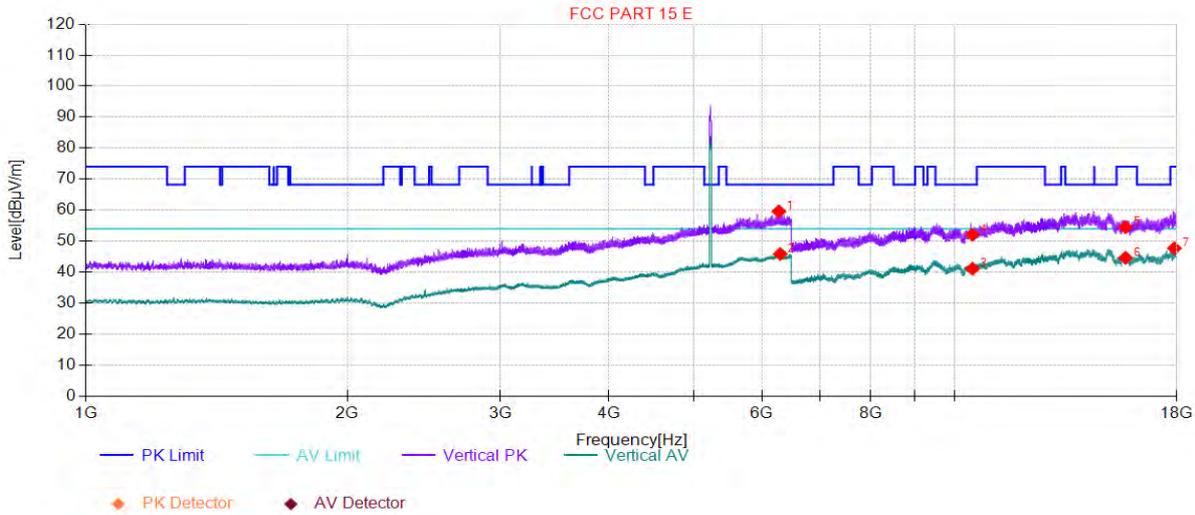
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4.9.1.30 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6273.384	59.57	18.36	68.20	8.63	220	Vertical
2	6296.486	45.85	18.47	54.00	8.15	274	Vertical
3	10480.00	41.09	2.49	54.00	12.91	247	Vertical
4	10480.00	52.07	2.49	68.20	16.13	263	Vertical
5	15720.00	54.49	5.92	74.00	19.51	278	Vertical
6	15720.00	44.59	5.92	54.00	9.41	259	Vertical
7	17890.97	47.67	8.76	54.00	6.33	150	Vertical

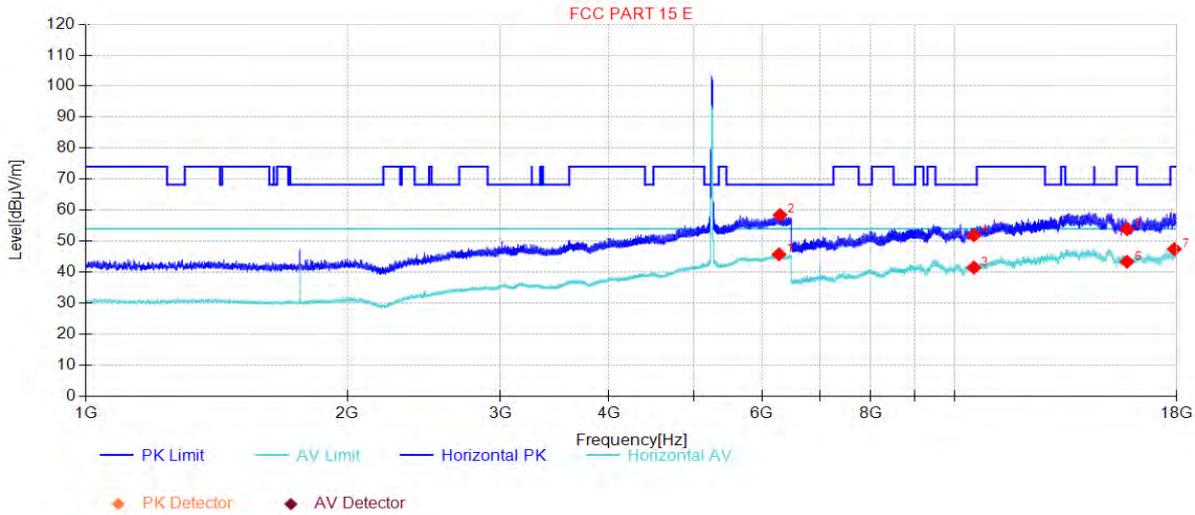
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4.9.1.31 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6275.218	45.75	18.36	54.00	8.25	164	Horizontal
2	6292.452	58.43	18.45	68.20	9.77	149	Horizontal
3	10520.00	41.45	2.45	54.00	12.55	165	Horizontal
4	10520.00	51.85	2.45	68.20	16.35	178	Horizontal
5	15780.00	53.87	5.30	74.00	20.13	167	Horizontal
6	15780.00	43.32	5.30	54.00	10.68	196	Horizontal
7	17890.97	47.43	8.76	54.00	6.57	150	Horizontal

Final Data List



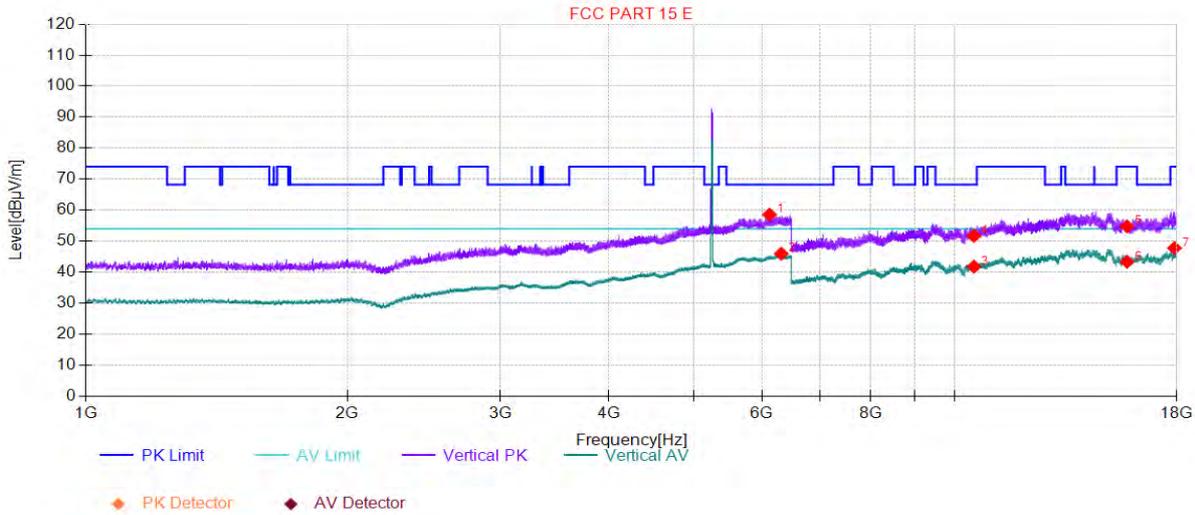
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4.9.1.32 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6119.007	58.54	17.82	68.20	9.66	205	Vertical
2	6314.087	45.93	18.44	54.00	8.07	223	Vertical
3	10520.00	41.75	2.45	54.00	12.25	256	Vertical
4	10520.00	51.67	2.45	68.20	16.53	241	Vertical
5	15780.00	54.74	5.30	74.00	19.26	254	Vertical
6	15780.00	43.35	5.30	54.00	10.65	245	Vertical
7	17895.57	47.75	8.80	54.00	6.25	150	Vertical

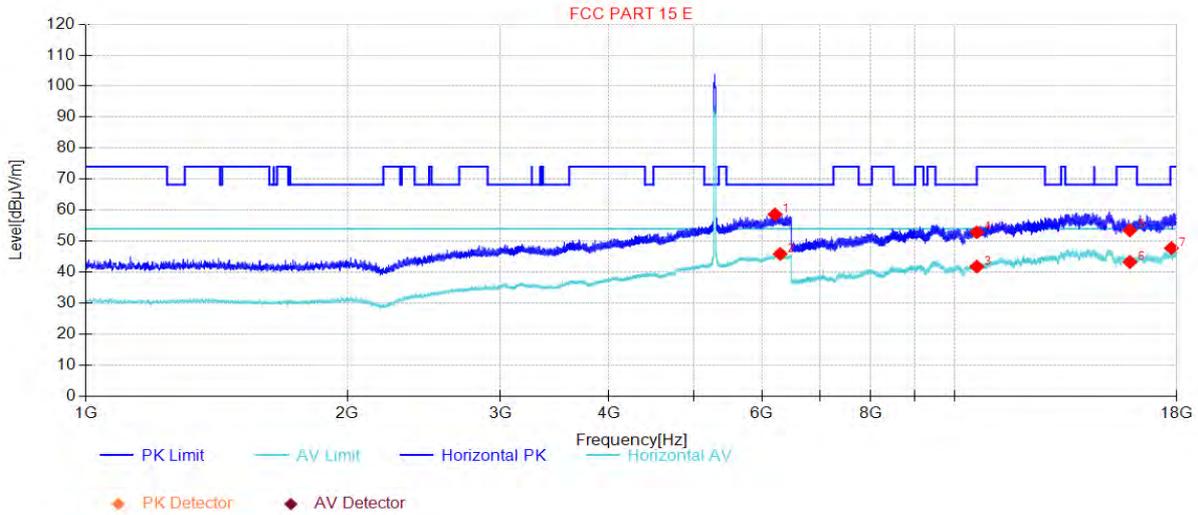
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4.9.1.33 802.11N20_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6209.947	58.62	18.05	68.20	9.58	174	Horizontal
2	6295.753	45.86	18.46	54.00	8.14	165	Horizontal
3	10600.00	41.77	2.23	54.00	12.23	157	Horizontal
4	10600.00	52.83	2.23	74.00	21.17	198	Horizontal
5	15900.00	53.44	5.29	74.00	20.56	172	Horizontal
6	15900.00	43.25	5.29	54.00	10.75	148	Horizontal
7	17751.59	47.74	7.79	54.00	6.26	150	Horizontal

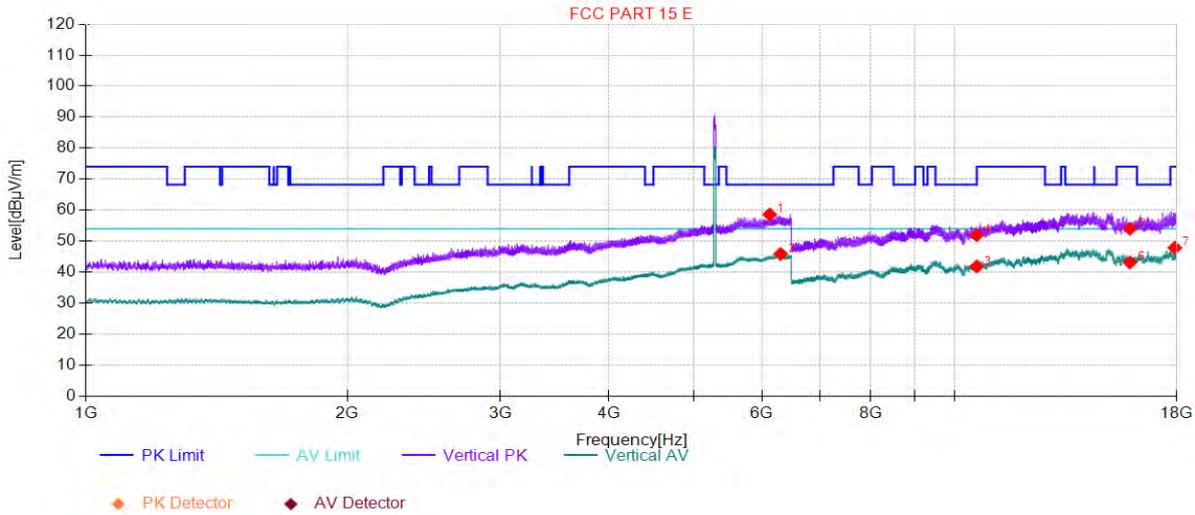
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4.9.1.34 802.11N20_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6123.774	58.57	17.83	68.20	9.63	203	Vertical
2	6302.353	45.85	18.48	54.00	8.15	247	Vertical
3	10600.00	41.80	2.23	54.00	12.20	249	Vertical
4	10600.00	51.93	2.23	74.00	22.07	265	Vertical
5	15900.00	53.98	5.29	74.00	20.02	274	Vertical
6	15900.00	43.13	5.29	54.00	10.87	286	Vertical
7	17911.67	47.84	8.74	54.00	6.16	150	Vertical

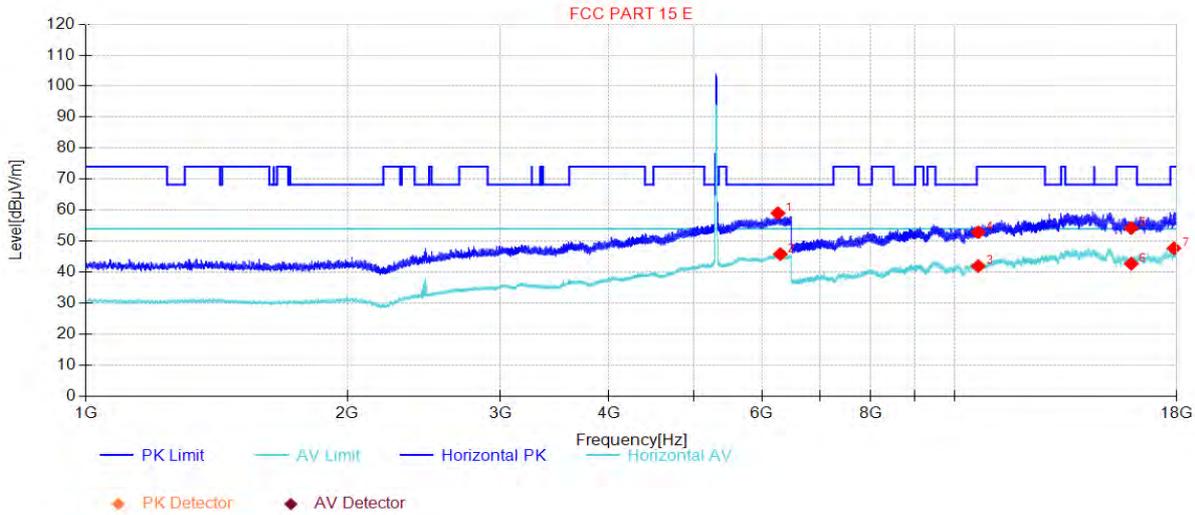
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4.9.1.35 802.11N20_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6258.350	59.02	18.28	68.20	9.18	176	Horizontal
2	6298.319	45.80	18.48	54.00	8.20	149	Horizontal
3	10640.00	41.93	2.22	54.00	12.07	159	Horizontal
4	10640.00	52.83	2.22	74.00	21.17	186	Horizontal
5	15960.00	54.22	5.01	74.00	19.78	196	Horizontal
6	15960.00	42.71	5.01	54.00	11.29	175	Horizontal
7	17873.03	47.68	8.61	54.00	6.32	150	Horizontal

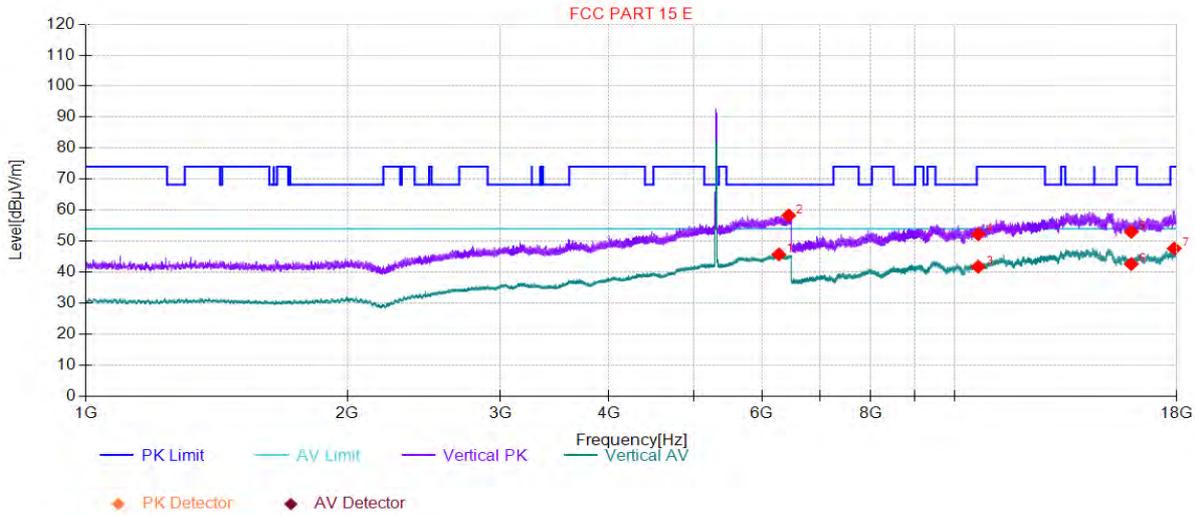
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4.9.1.36 802.11N20_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6273.384	45.69	18.36	54.00	8.31	274	Vertical
2	6439.862	58.30	18.38	68.20	9.90	296	Vertical
3	10640.00	41.73	2.22	54.00	12.27	276	Vertical
4	10640.00	52.21	2.22	74.00	21.79	248	Vertical
5	15960.00	53.00	5.01	74.00	21.00	269	Vertical
6	15960.00	42.59	5.01	54.00	11.41	244	Vertical
7	17887.29	47.61	8.73	54.00	6.39	150	Vertical

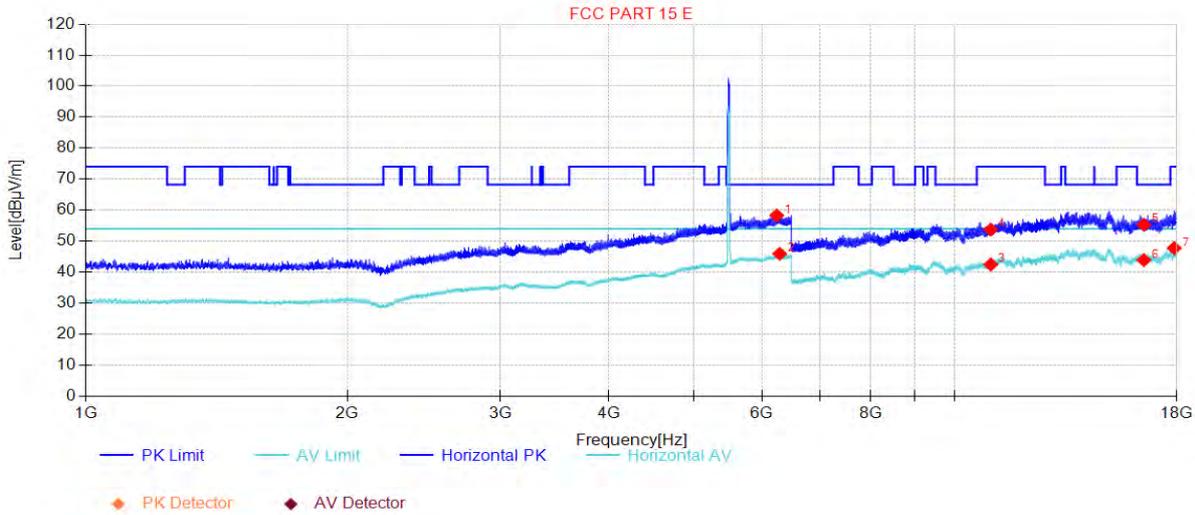
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4.9.1.37 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6237.815	58.26	18.18	68.20	9.94	151	Horizontal
2	6286.952	45.91	18.42	54.00	8.09	174	Horizontal
3	11000.00	42.45	2.74	54.00	11.55	195	Horizontal
4	11000.00	53.71	2.74	74.00	20.29	165	Horizontal
5	16500.00	55.28	5.09	68.20	12.92	175	Horizontal
6	16500.00	43.88	5.09	54.00	10.12	185	Horizontal
7	17885.45	47.74	8.71	54.00	6.26	150	Horizontal

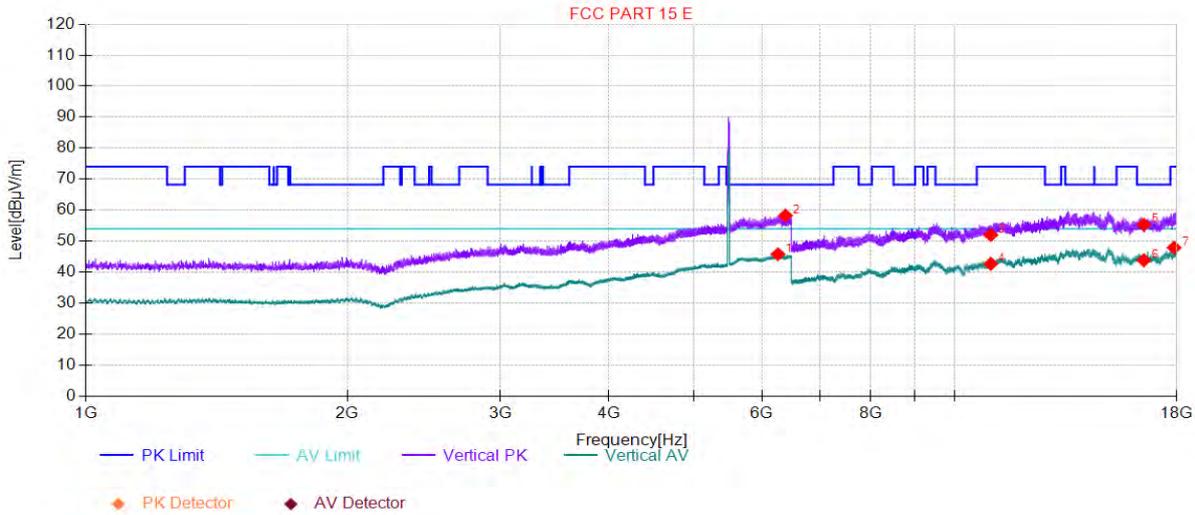
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4.9.1.38 802.11N20_Channel 100

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6259.083	45.77	18.29	54.00	8.23	204	Vertical
2	6383.758	58.24	18.21	68.20	9.96	246	Vertical
3	11000.00	51.95	2.74	74.00	22.05	236	Vertical
4	11000.00	42.69	2.74	54.00	11.31	249	Vertical
5	16500.00	55.32	5.09	68.20	12.88	268	Vertical
6	16500.00	43.83	5.09	54.00	10.17	274	Vertical
7	17879.01	47.90	8.66	54.00	6.10	150	Vertical

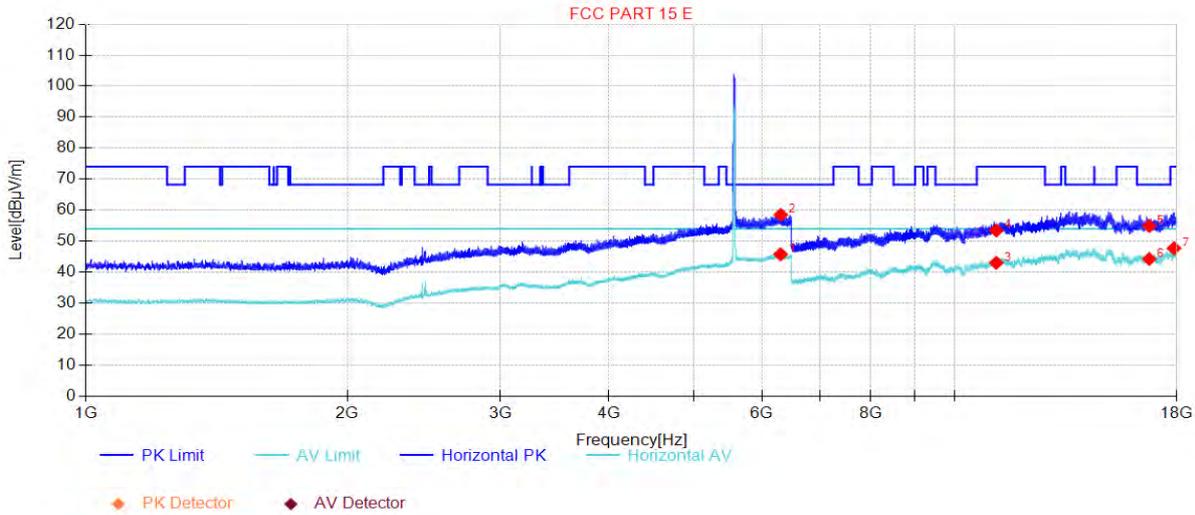
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4.9.1.39 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6301.620	45.73	18.48	54.00	8.27	157	Horizontal
2	6305.653	58.49	18.47	68.20	9.71	165	Horizontal
3	11160.00	42.97	2.54	54.00	11.03	168	Horizontal
4	11160.00	53.44	2.54	74.00	20.56	149	Horizontal
5	16740.00	54.85	5.53	68.20	13.35	185	Horizontal
6	16740.00	44.23	5.53	54.00	9.77	179	Horizontal
7	17875.79	47.67	8.63	54.00	6.33	150	Horizontal

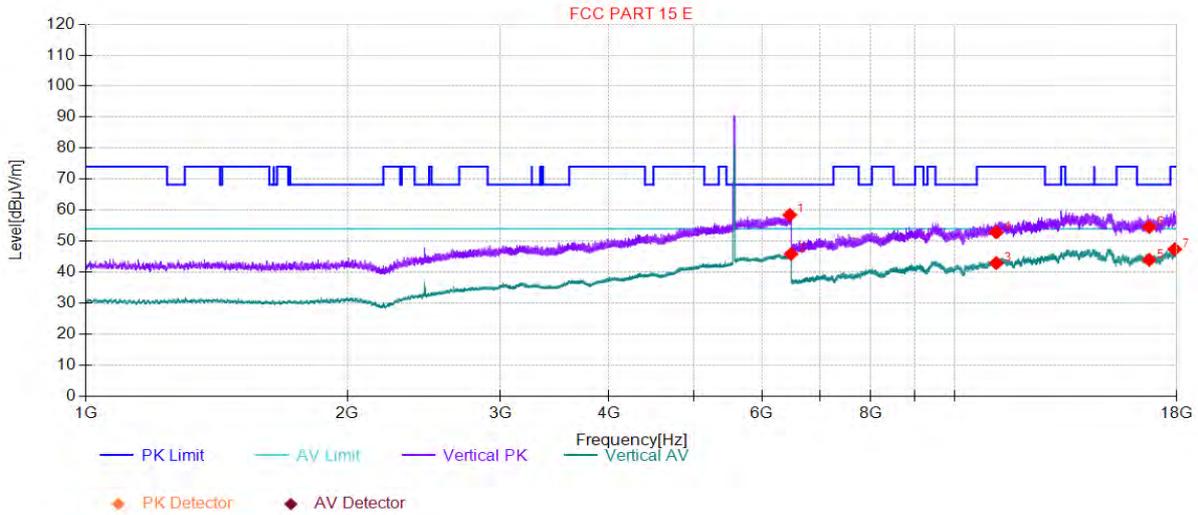
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4.9.1.40 802.11N20_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.997	58.45	18.47	68.20	9.75	242	Vertical
2	6479.465	45.82	18.60	54.00	8.18	233	Vertical
3	11160.00	42.90	2.54	54.00	11.10	214	Vertical
4	11160.00	52.81	2.54	74.00	21.19	245	Vertical
5	16740.00	43.93	5.53	54.00	10.07	236	Vertical
6	16740.00	54.53	5.53	68.20	13.67	221	Vertical
7	17903.85	47.38	8.80	54.00	6.62	150	Vertical

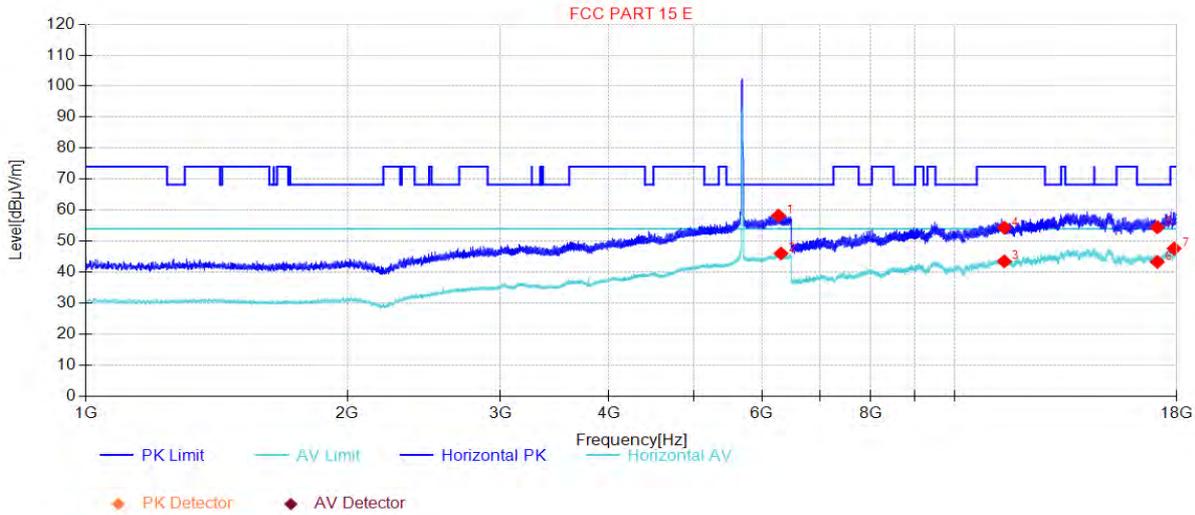
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4.9.1.41 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6267.151	58.24	18.33	68.20	9.96	324	Horizontal
2	6309.687	46.02	18.45	54.00	7.98	242	Horizontal
3	11400.00	43.45	2.54	54.00	10.55	124	Horizontal
4	11400.00	54.33	2.54	74.00	19.67	241	Horizontal
5	17100.00	54.43	5.72	68.20	13.77	242	Horizontal
6	17100.00	43.29	5.72	54.00	10.71	246	Horizontal
7	17882.23	47.59	8.69	54.00	6.41	311	Horizontal

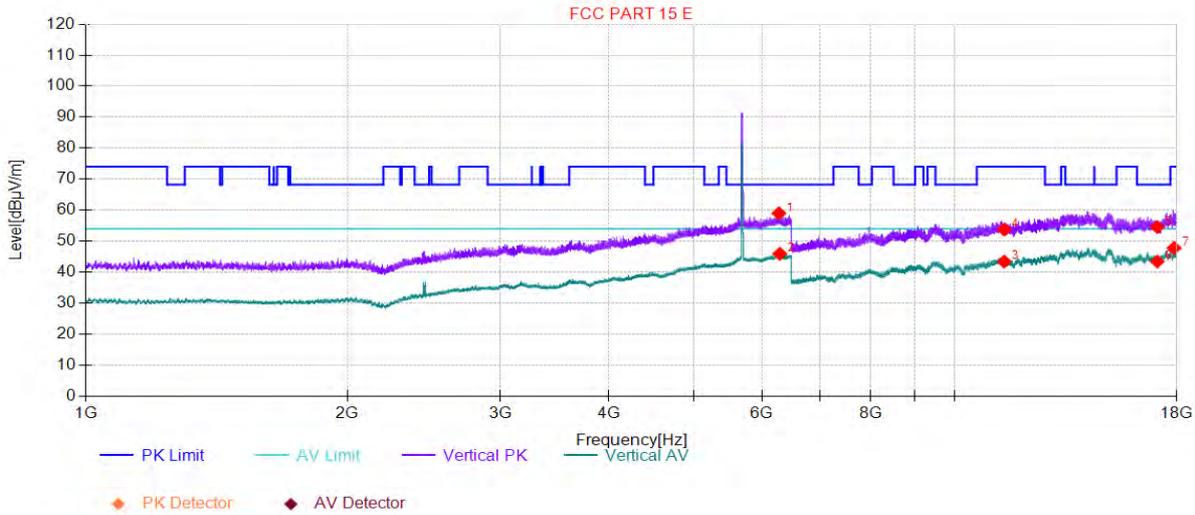
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4.9.1.42 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6274.485	58.97	18.36	68.20	9.23	205	Vertical
2	6288.785	45.90	18.43	54.00	8.10	216	Vertical
3	11400.00	43.39	2.54	54.00	10.61	246	Vertical
4	11400.00	53.75	2.54	74.00	20.25	239	Vertical
5	17100.00	54.52	5.72	68.20	13.68	261	Vertical
6	17100.00	43.42	5.72	54.00	10.58	245	Vertical
7	17877.63	47.77	8.65	54.00	6.23	150	Vertical

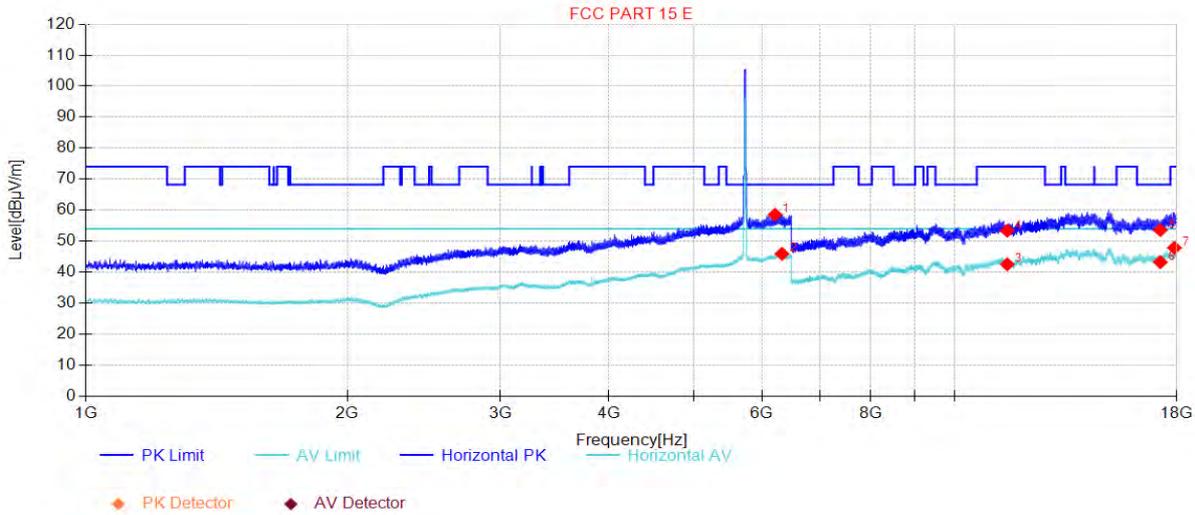
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4.9.1.43 802.11N20_Channel 149

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6210.314	58.52	18.05	68.20	9.68	154	Horizontal
2	6325.088	45.89	18.40	54.00	8.11	165	Horizontal
3	11490.00	42.50	2.10	54.00	11.50	186	Horizontal
4	11490.00	53.35	2.10	74.00	20.65	179	Horizontal
5	17235.00	53.55	6.10	68.20	14.65	159	Horizontal
6	17235.00	43.23	6.10	54.00	10.77	174	Horizontal
7	17891.89	47.83	8.77	54.00	6.17	150	Horizontal

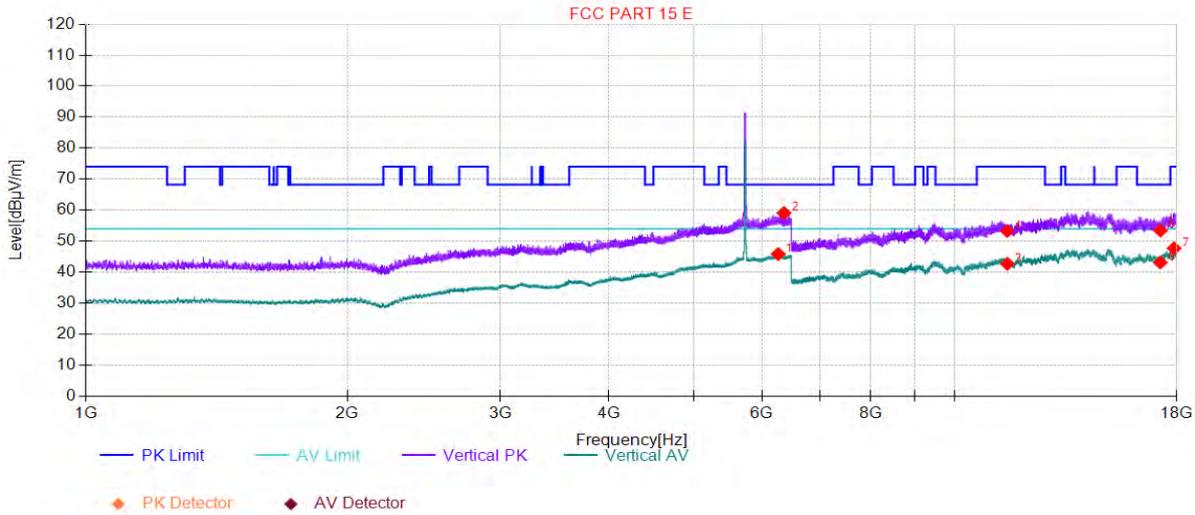
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4.9.1.44 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6262.750	45.82	18.30	54.00	8.18	265	Vertical
2	6358.457	59.07	18.30	68.20	9.13	247	Vertical
3	11490.00	42.68	2.10	54.00	11.32	236	Vertical
4	11490.00	53.27	2.10	74.00	20.73	265	Vertical
5	17235.00	53.41	6.10	68.20	14.79	254	Vertical
6	17235.00	43.09	6.10	54.00	10.91	274	Vertical
7	17879.47	47.67	8.66	54.00	6.33	150	Vertical

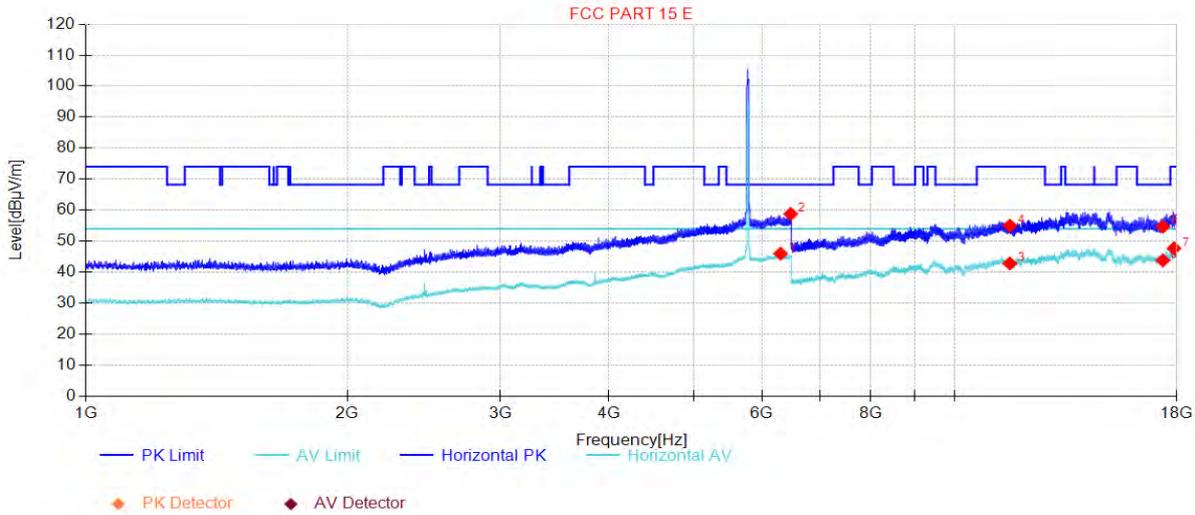
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4.9.1.45 802.11N20_Channel 157

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6302.353	45.96	18.48	54.00	8.04	165	Horizontal
2	6472.864	58.73	18.56	68.20	9.47	147	Horizontal
3	11570.00	42.78	2.92	54.00	11.22	155	Horizontal
4	11570.00	54.97	2.92	74.00	19.03	189	Horizontal
5	17355.00	54.66	6.75	68.20	13.54	152	Horizontal
6	17355.00	43.76	6.75	54.00	10.24	175	Horizontal
7	17875.79	47.66	8.63	54.00	6.34	150	Horizontal

Final Data List



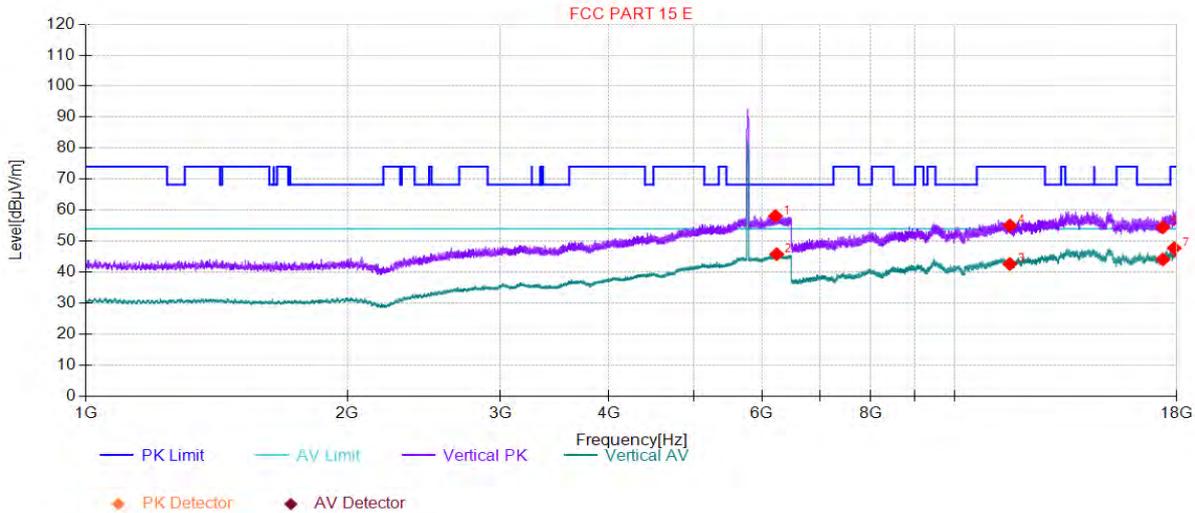
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4.9.1.46 802.11N20_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6216.914	58.07	18.08	68.20	10.13	222	Vertical
2	6237.815	45.77	18.18	54.00	8.23	213	Vertical
3	11570.00	42.60	2.92	54.00	11.40	263	Vertical
4	11570.00	55.02	2.92	74.00	18.98	214	Vertical
5	17355.00	54.41	6.75	68.20	13.79	236	Vertical
6	17355.00	44.08	6.75	54.00	9.92	241	Vertical
7	17882.69	47.73	8.69	54.00	6.27	150	Vertical

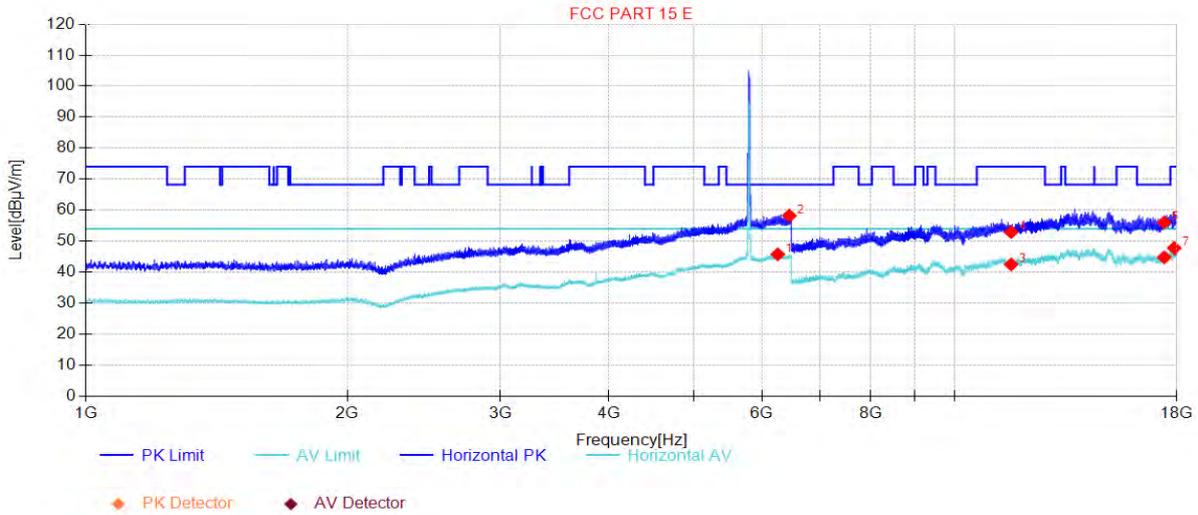
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4.9.1.47 802.11N20_Channel 161

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6255.417	45.72	18.27	54.00	8.28	151	Horizontal
2	6450.130	58.22	18.44	68.20	9.98	157	Horizontal
3	11610.00	42.46	3.14	54.00	11.54	174	Horizontal
4	11610.00	52.94	3.14	74.00	21.06	165	Horizontal
5	17415.00	56.04	6.97	68.20	12.16	179	Horizontal
6	17475.00	44.73	6.97	54.00	9.27	169	Horizontal
7	17882.69	47.78	8.69	54.00	6.22	150	Horizontal

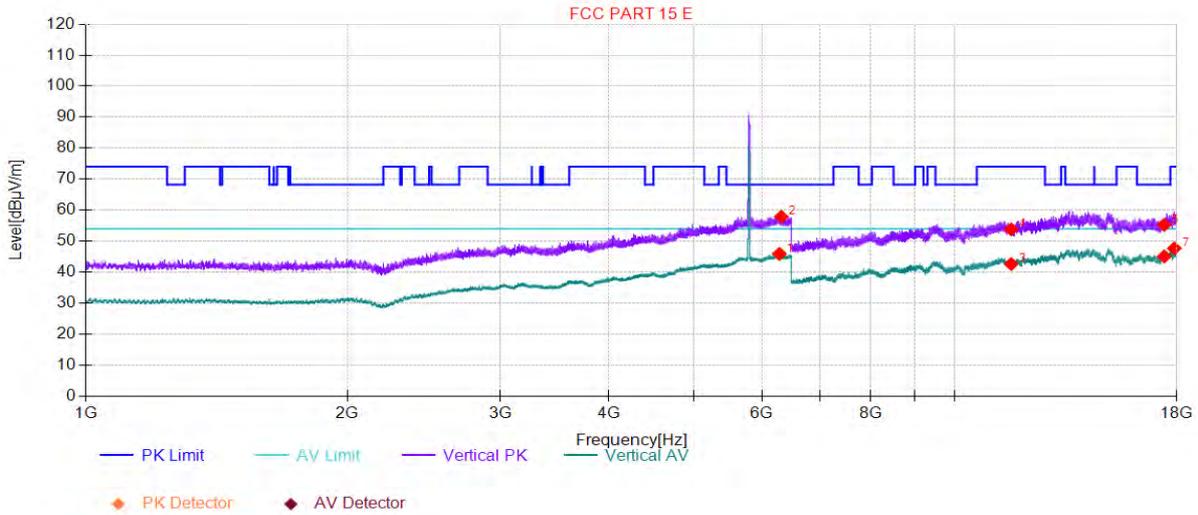
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4.9.1.48 802.11N20_Channel 161

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6281.085	45.87	18.39	54.00	8.13	242	Vertical
2	6314.454	57.86	18.44	68.20	10.34	262	Vertical
3	11610.00	42.59	3.14	54.00	11.41	256	Vertical
4	11610.00	53.82	3.14	74.00	20.18	274	Vertical
5	17415.00	55.23	6.97	68.20	12.97	277	Vertical
6	17475.00	45.06	6.97	54.00	8.94	246	Vertical
7	17885.91	47.65	8.72	54.00	6.35	150	Vertical

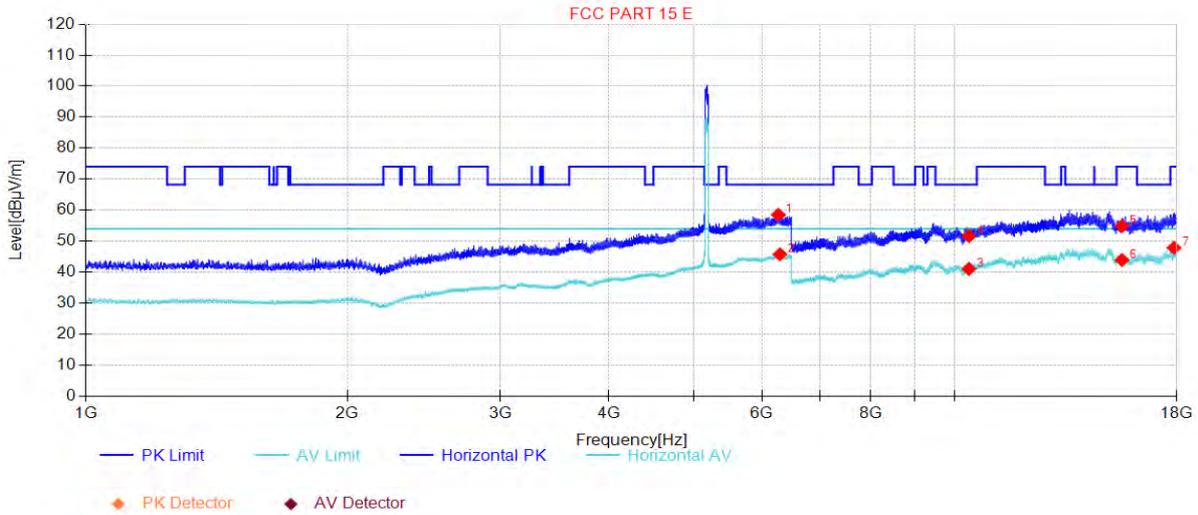
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4.9.1.49 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6265.317	58.50	18.32	68.20	9.70	156	Horizontal
2	6291.352	45.72	18.44	54.00	8.28	158	Horizontal
3	10380.00	41.02	2.40	54.00	12.98	186	Horizontal
4	10380.00	51.62	2.40	68.20	16.58	149	Horizontal
5	15570.00	54.84	6.00	74.00	19.16	162	Horizontal
6	15570.00	43.91	6.00	54.00	10.09	176	Horizontal
7	17872.57	47.85	8.61	54.00	6.15	150	Horizontal

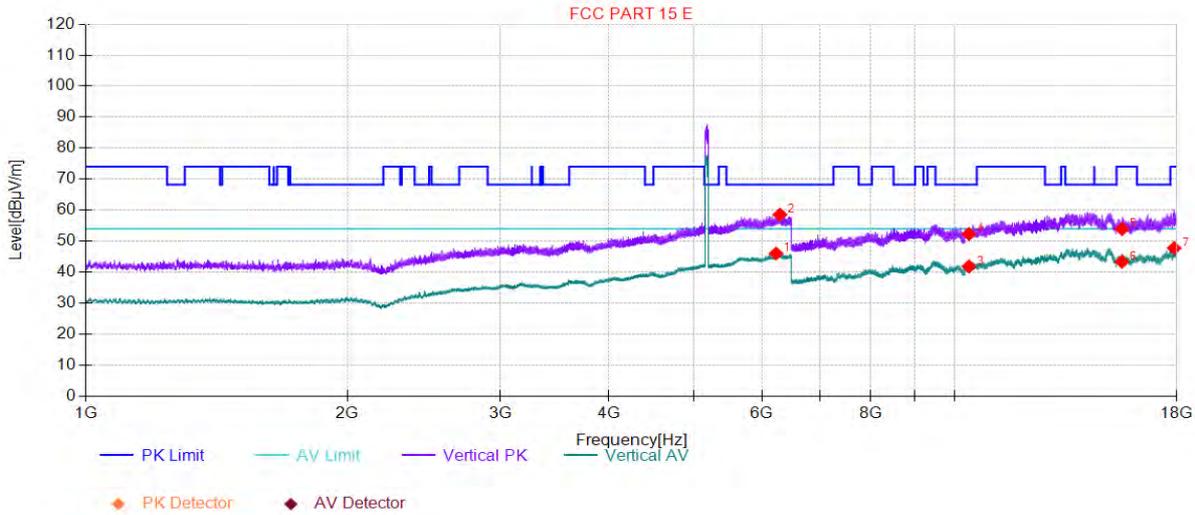
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4.9.1.50 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6227.915	46.00	18.14	54.00	8.00	220	Vertical
2	6290.619	58.55	18.44	68.20	9.65	213	Vertical
3	10380.00	41.80	2.40	54.00	12.20	296	Vertical
4	10380.00	52.29	2.40	68.20	15.91	245	Vertical
5	15570.00	53.89	6.00	74.00	20.11	269	Vertical
6	15570.00	43.35	6.00	54.00	10.65	274	Vertical
7	17879.93	47.74	8.67	54.00	6.26	150	Vertical

Final Data List

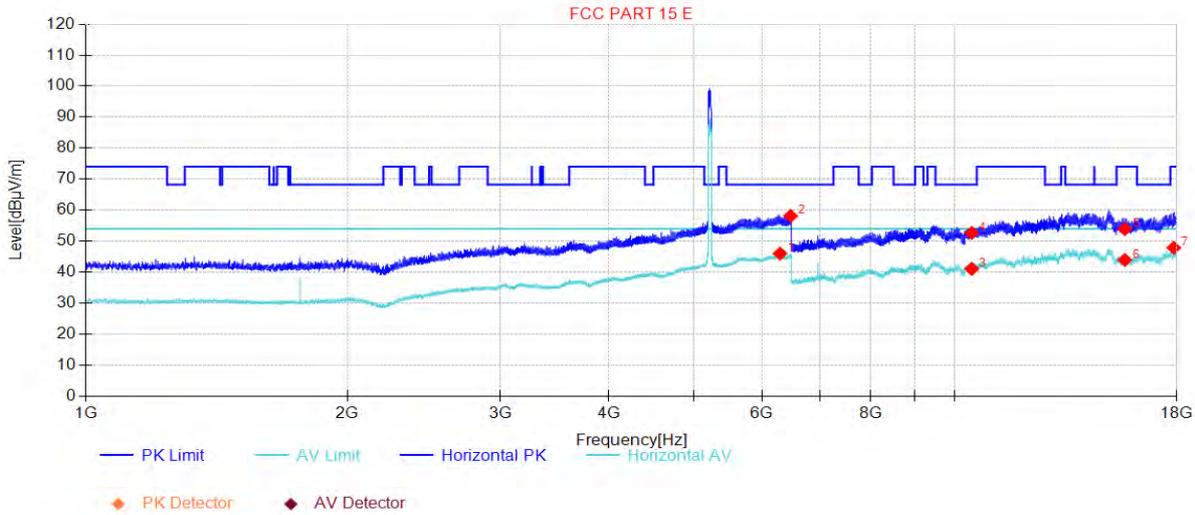


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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.1.51 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	45.98	18.45	54.00	8.02	155	Horizontal
2	6471.764	58.12	18.56	68.20	10.08	169	Horizontal
3	10460.00	41.04	2.47	54.00	12.96	158	Horizontal
4	10460.00	52.63	2.47	68.20	15.57	174	Horizontal
5	15690.00	53.90	6.13	74.00	20.10	169	Horizontal
6	15690.00	43.91	6.13	54.00	10.09	163	Horizontal
7	17863.37	47.86	8.53	54.00	6.14	150	Horizontal

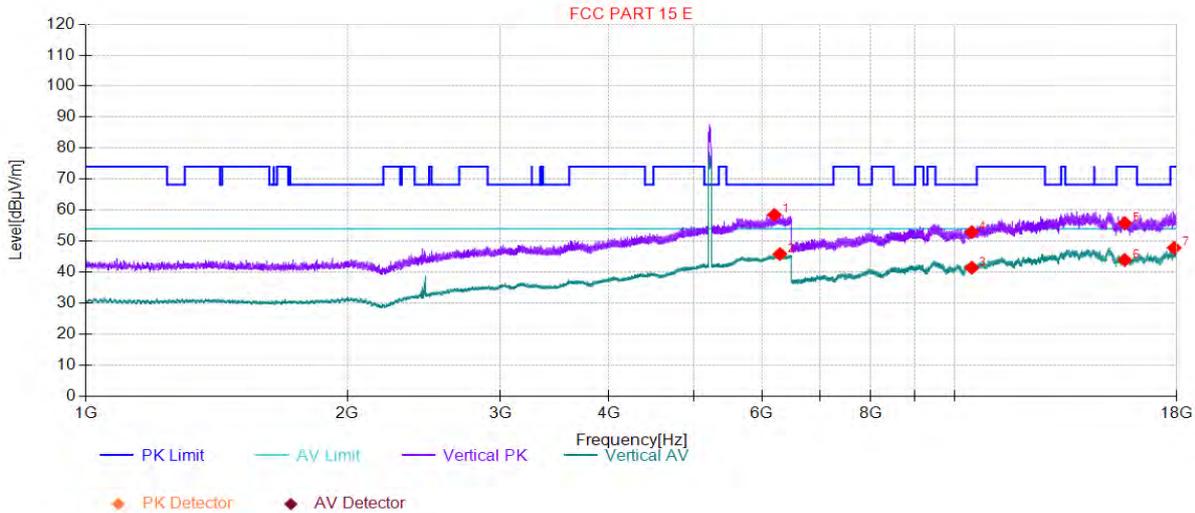
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4.9.1.52 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6199.680	58.47	18.00	68.20	9.73	204	Vertical
2	6290.619	45.83	18.44	54.00	8.17	213	Vertical
3	10460.00	41.41	2.47	54.00	12.59	247	Vertical
4	10460.00	52.90	2.47	68.20	15.30	263	Vertical
5	15690.00	55.78	6.13	74.00	18.22	224	Vertical
6	15690.00	43.91	6.13	54.00	10.09	231	Vertical
7	17881.77	47.84	8.68	54.00	6.16	150	Vertical

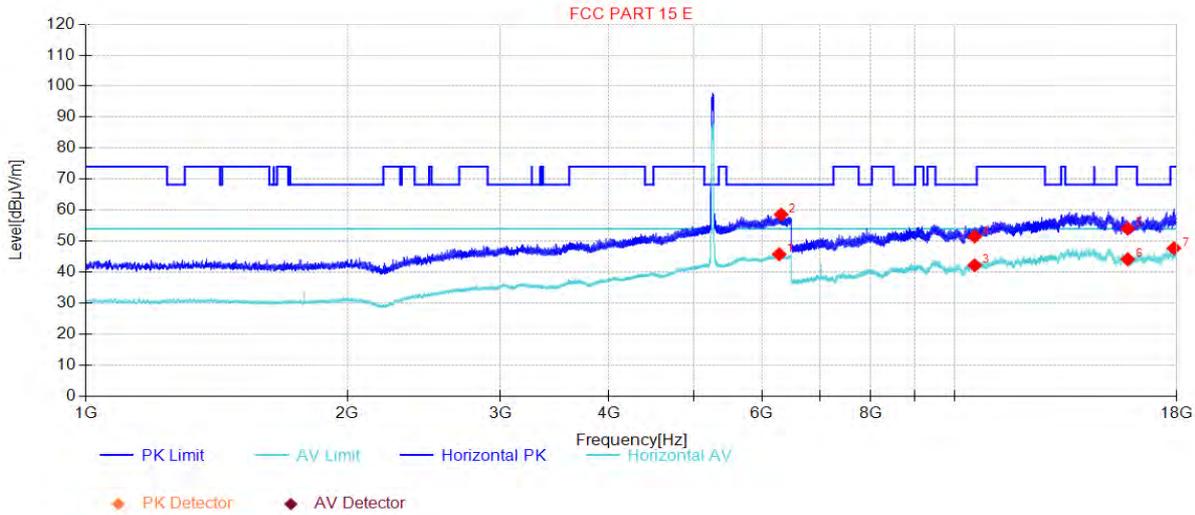
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4.9.1.53 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6278.151	45.78	18.38	54.00	8.22	156	Horizontal
2	6311.154	58.57	18.45	68.20	9.63	149	Horizontal
3	10540.00	42.20	2.39	54.00	11.80	178	Horizontal
4	10540.00	51.49	2.39	68.20	16.71	195	Horizontal
5	15810.00	54.03	5.12	74.00	19.97	174	Horizontal
6	15810.00	44.14	5.12	54.00	9.86	152	Horizontal
7	17868.43	47.67	8.57	54.00	6.33	150	Horizontal

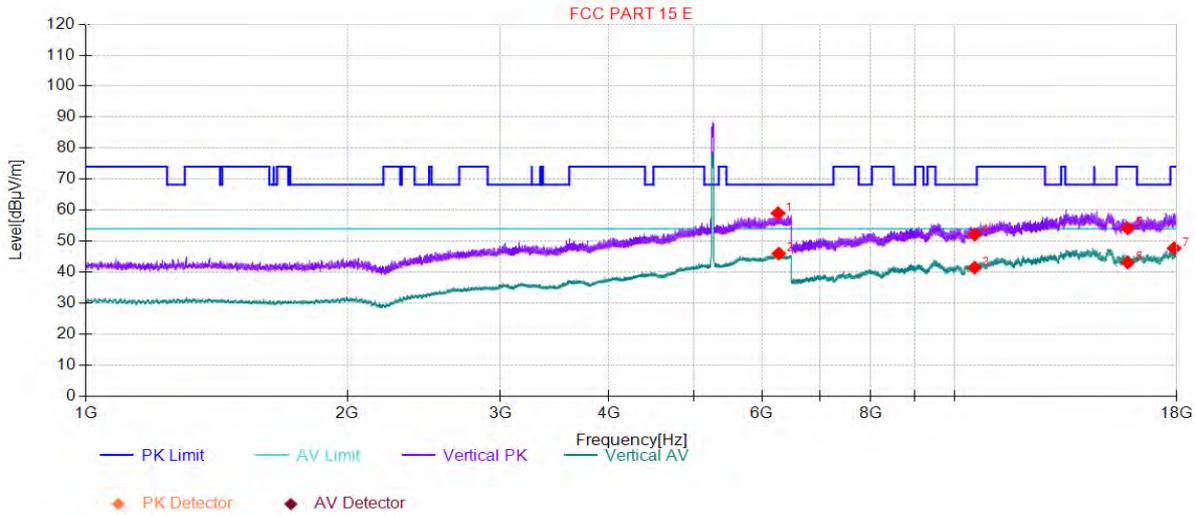
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4.9.1.54 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6260.917	59.00	18.30	68.20	9.20	204	Vertical
2	6272.284	45.98	18.35	54.00	8.02	216	Vertical
3	10540.00	41.43	2.39	54.00	12.57	249	Vertical
4	10540.00	52.12	2.39	68.20	16.08	243	Vertical
5	15810.00	54.14	5.12	74.00	19.86	279	Vertical
6	15810.00	43.10	5.12	54.00	10.90	259	Vertical
7	17880.39	47.66	8.67	54.00	6.34	150	Vertical

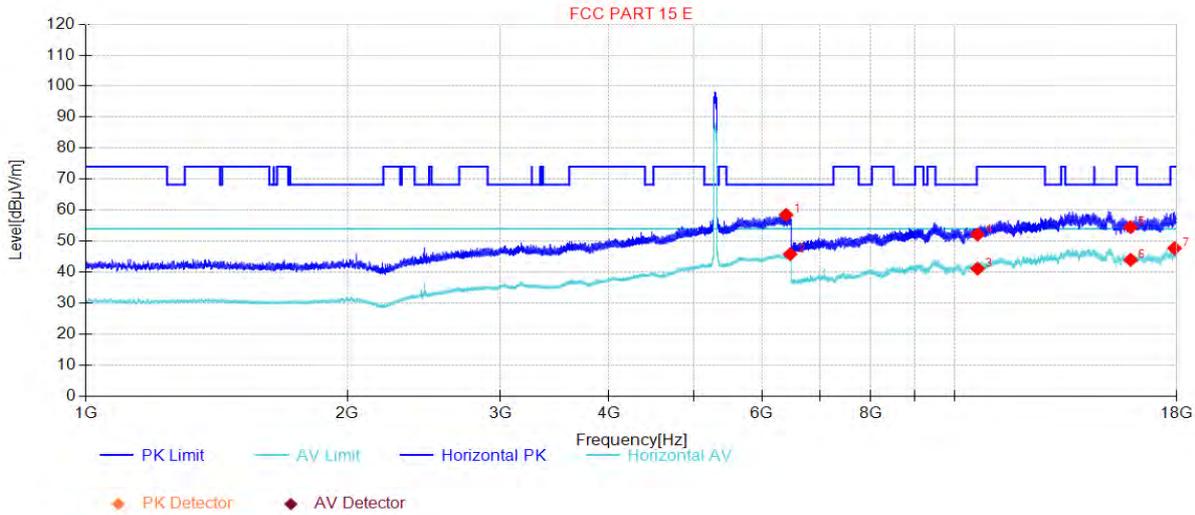
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4.9.1.55 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6395.126	58.47	18.18	68.20	9.73	163	Horizontal
2	6464.064	45.79	18.52	54.00	8.21	174	Horizontal
3	10620.00	41.09	2.23	54.00	12.91	176	Horizontal
4	10620.00	52.10	2.23	74.00	21.90	159	Horizontal
5	15930.00	54.50	5.15	74.00	19.50	126	Horizontal
6	15930.00	43.94	5.15	54.00	10.06	146	Horizontal
7	17897.87	47.69	8.82	54.00	6.31	150	Horizontal

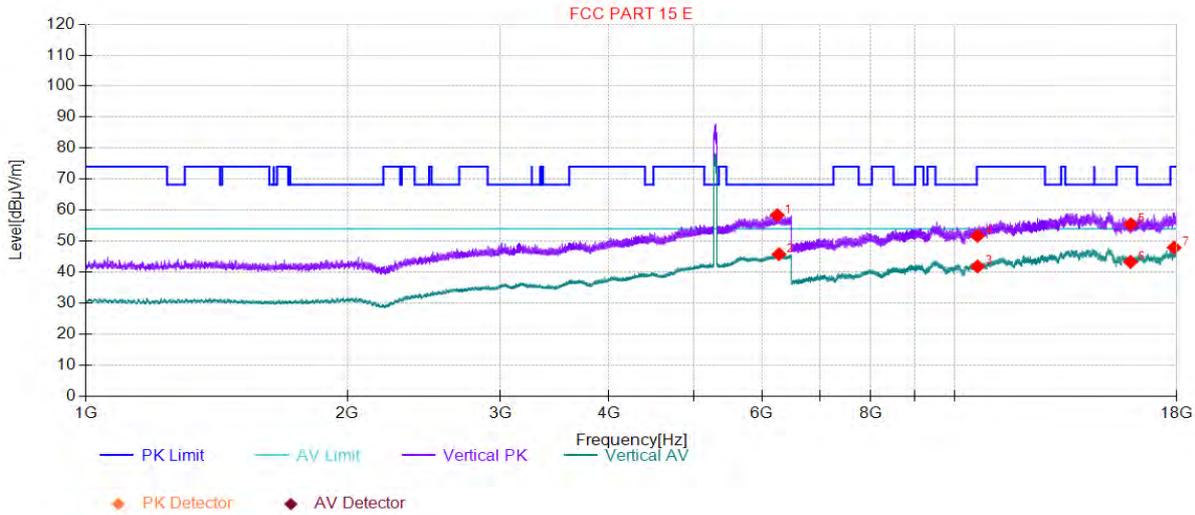
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4.9.1.56 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6245.883	58.36	18.22	68.20	9.84	254	Vertical
2	6274.485	45.78	18.36	54.00	8.22	236	Vertical
3	10620.00	41.81	2.23	54.00	12.19	269	Vertical
4	10620.00	51.66	2.23	74.00	22.34	241	Vertical
5	15930.00	55.45	5.15	74.00	18.55	235	Vertical
6	15930.00	43.29	5.15	54.00	10.71	278	Vertical
7	17878.09	47.89	8.65	54.00	6.11	150	Vertical

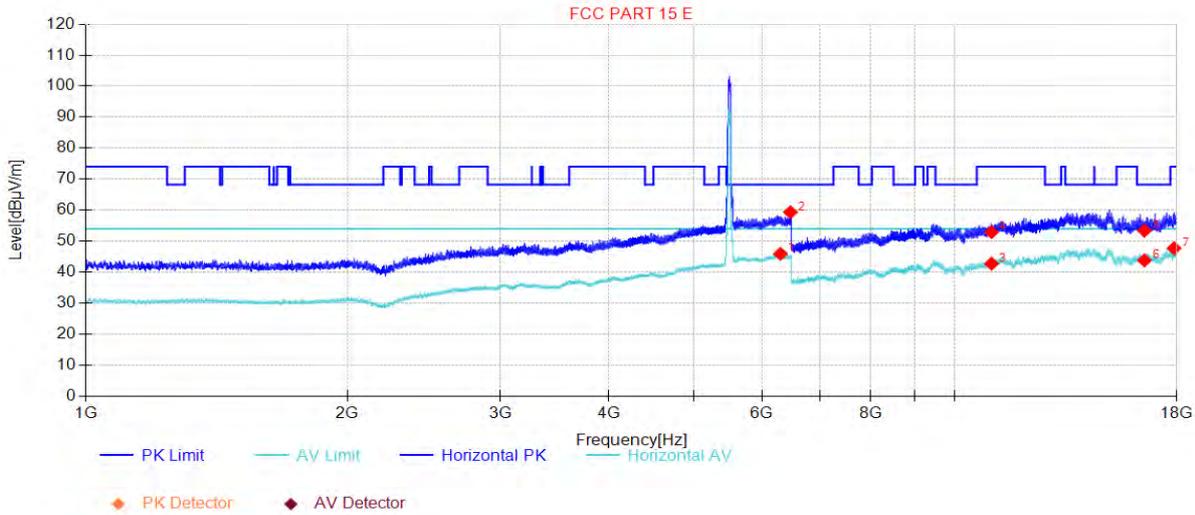
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4.9.1.57 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6300.153	45.89	18.48	54.00	8.11	152	Horizontal
2	6468.831	59.34	18.54	68.20	8.86	174	Horizontal
3	11020.00	42.73	2.69	54.00	11.27	159	Horizontal
4	11020.00	52.89	2.69	74.00	21.11	165	Horizontal
5	16530.00	53.37	5.27	68.20	14.83	169	Horizontal
6	16530.00	43.79	5.27	54.00	10.21	148	Horizontal
7	17876.25	47.67	8.64	54.00	6.33	150	Horizontal

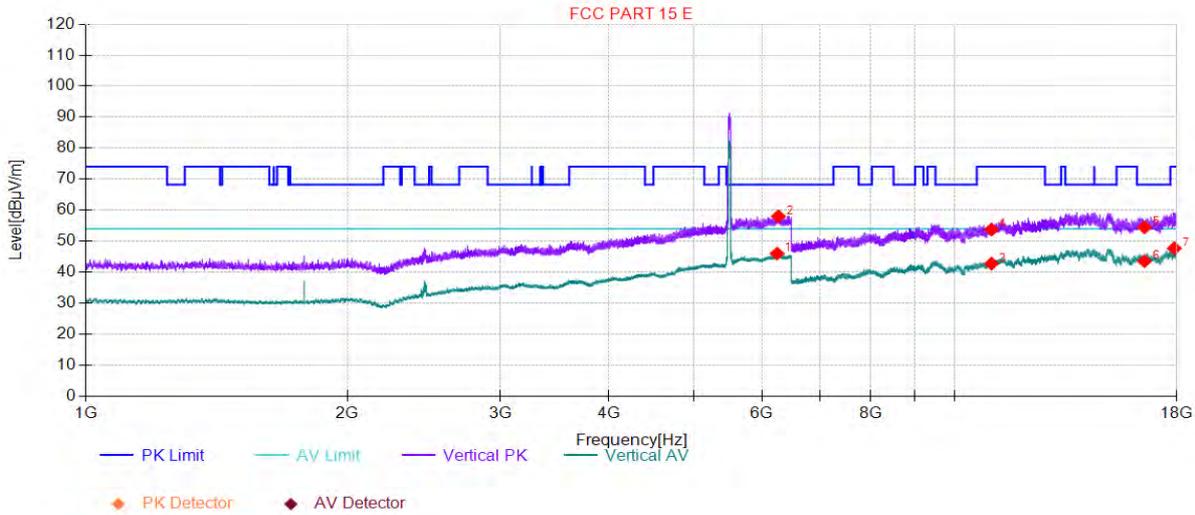
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4.9.1.58 802.11N40_Channel 102

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6244.049	45.98	18.21	54.00	8.02	289	Vertical
2	6266.051	57.99	18.32	68.20	10.21	236	Vertical
3	11020.00	42.74	2.69	54.00	11.26	212	Vertical
4	11020.00	53.74	2.69	74.00	20.26	229	Vertical
5	16530.00	54.43	5.27	68.20	13.77	215	Vertical
6	16530.00	43.53	5.27	54.00	10.47	236	Vertical
7	17886.83	47.68	8.72	54.00	6.32	150	Vertical

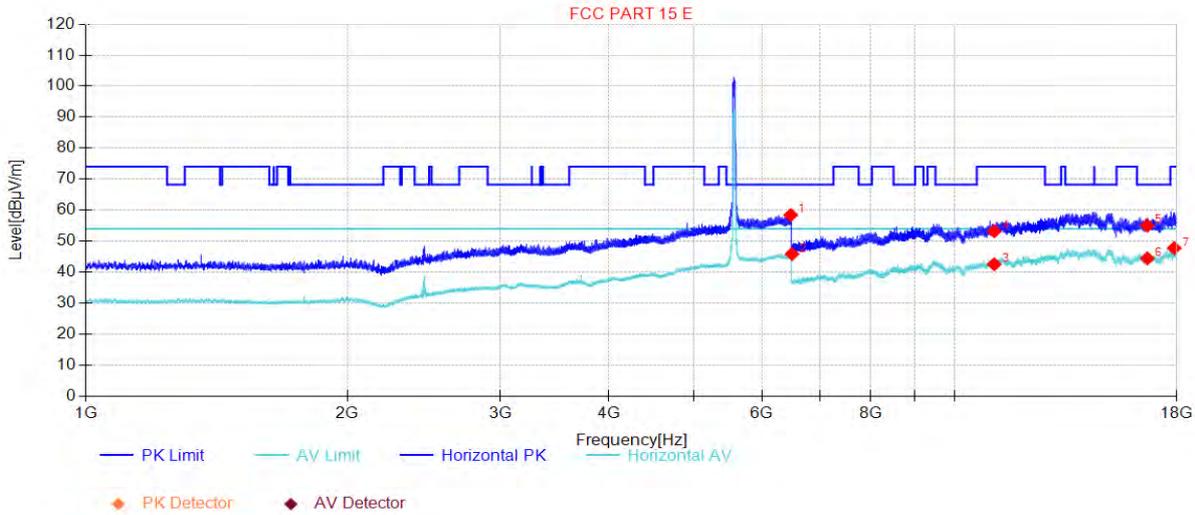
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4.9.1.59 802.11N40_Channel 110

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.598	58.41	18.57	68.20	9.79	163	Horizontal
2	6495.599	45.85	18.69	54.00	8.15	185	Horizontal
3	11100.00	42.51	2.49	54.00	11.49	176	Horizontal
4	11100.00	53.16	2.49	74.00	20.84	169	Horizontal
5	16650.00	55.00	5.74	68.20	13.20	149	Horizontal
6	16650.00	44.43	5.74	54.00	9.57	153	Horizontal
7	17881.77	47.75	8.68	54.00	6.25	150	Horizontal

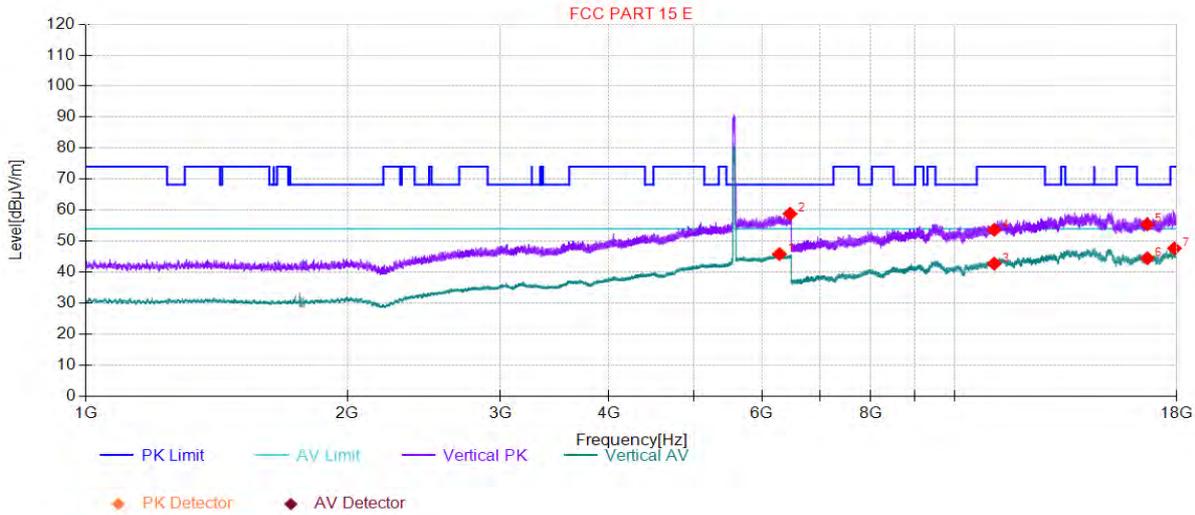
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4.9.1.60 802.11N40_Channel 110

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6283.285	45.83	18.40	54.00	8.17	204	Vertical
2	6461.497	58.80	18.50	68.20	9.40	243	Vertical
3	11100.00	42.73	2.49	54.00	11.27	243	Vertical
4	11100.00	53.64	2.49	74.00	20.36	209	Vertical
5	16650.00	55.40	5.74	68.20	12.80	249	Vertical
6	16650.00	44.47	5.74	54.00	9.53	256	Vertical
7	17891.43	47.64	8.76	54.00	6.36	150	Vertical

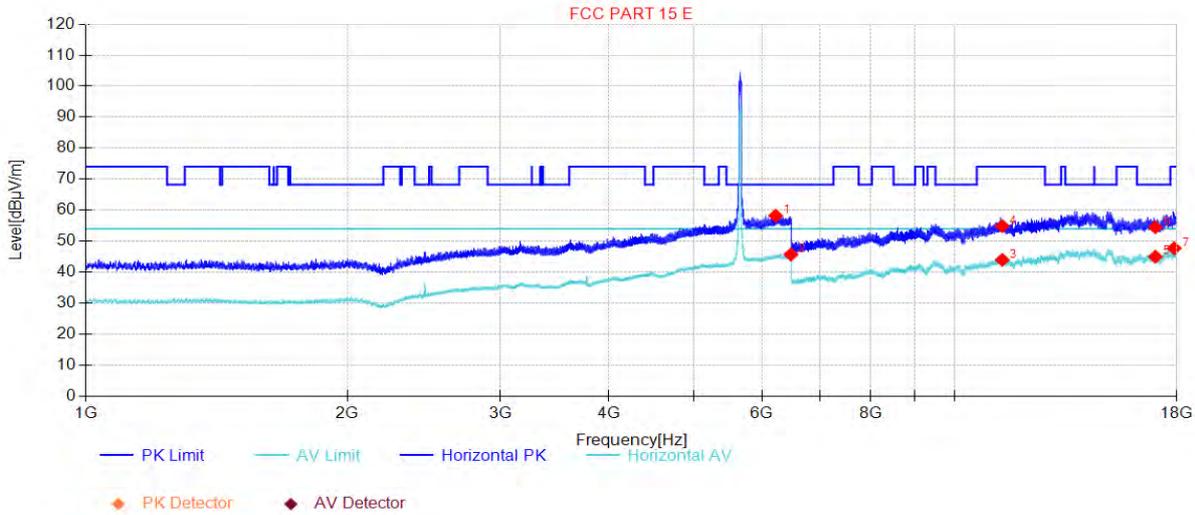
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4.9.1.61 802.11N40_Channel 134

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6219.848	58.17	18.10	68.20	10.03	174	Horizontal
2	6478.365	45.70	18.59	54.00	8.30	165	Horizontal
3	11340.00	43.92	2.55	54.00	10.08	194	Horizontal
4	11340.00	54.82	2.55	74.00	19.18	163	Horizontal
5	17010.00	44.97	6.16	54.00	9.03	143	Horizontal
6	17010.00	54.45	6.16	68.20	13.75	175	Horizontal
7	17881.31	47.67	8.68	54.00	6.33	150	Horizontal

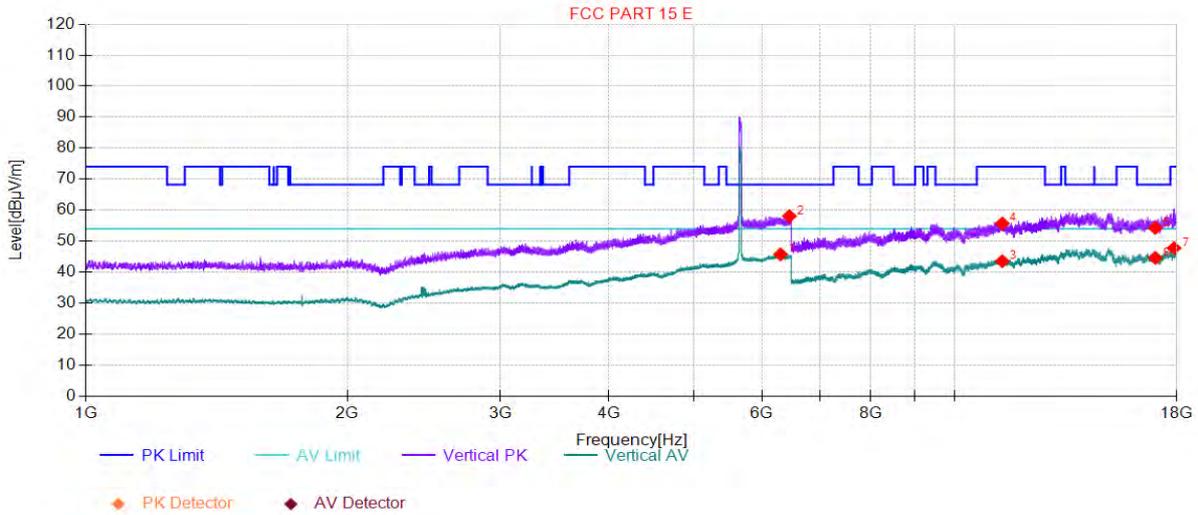
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4.9.1.62 802.11N40_Channel 134

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6301.986	45.72	18.48	54.00	8.28	223	Vertical
2	6450.130	58.06	18.44	68.20	10.14	214	Vertical
3	11340.00	43.52	2.55	54.00	10.48	246	Vertical
4	11340.00	55.68	2.55	74.00	18.32	236	Vertical
5	17010.00	54.25	6.16	68.20	13.95	276	Vertical
6	17010.00	44.56	6.16	54.00	9.44	259	Vertical
7	17876.25	47.74	8.64	54.00	6.26	150	Vertical

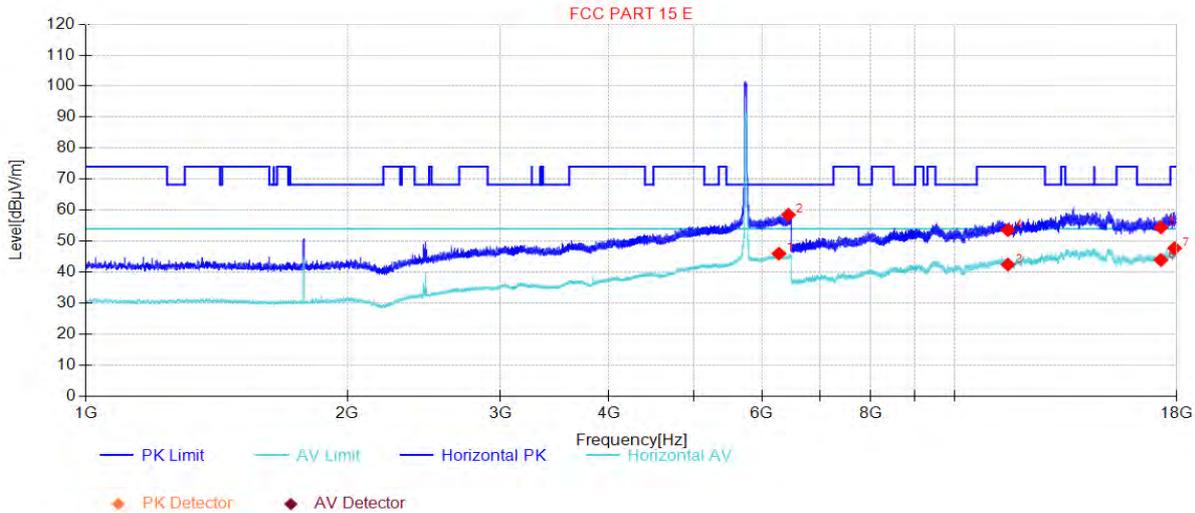
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4.9.1.63 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6274.485	45.95	18.36	54.00	8.05	151	Horizontal
2	6433.628	58.49	18.35	68.20	9.71	163	Horizontal
3	11510.00	42.42	2.17	54.00	11.58	176	Horizontal
4	11510.00	53.55	2.17	74.00	20.45	149	Horizontal
5	17265.00	54.42	6.33	68.20	13.78	193	Horizontal
6	17265.00	43.92	6.33	54.00	10.08	186	Horizontal
7	17899.71	47.71	8.83	54.00	6.29	150	Horizontal

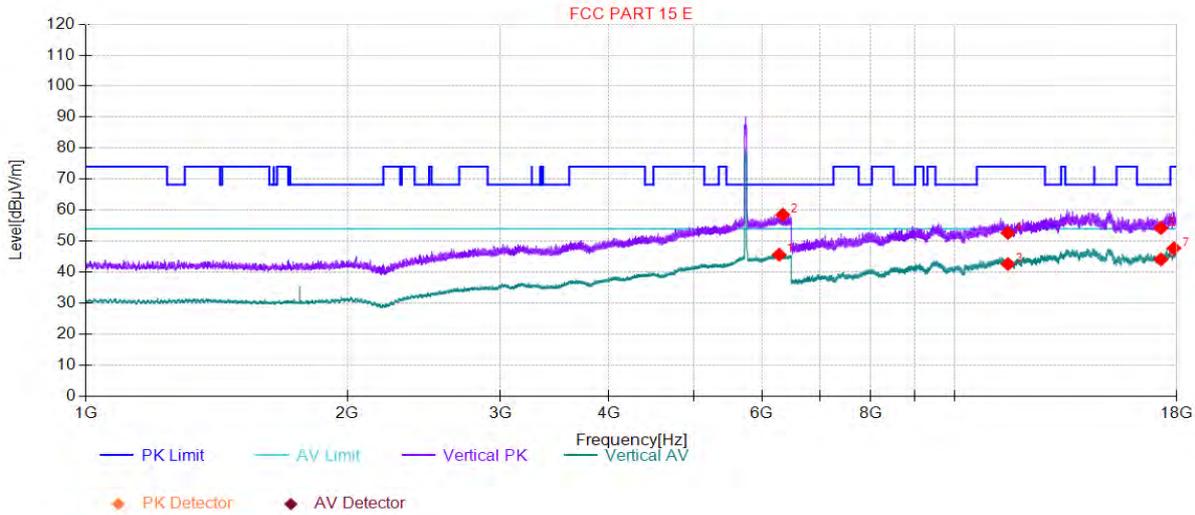
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4.9.1.64 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6279.252	45.60	18.38	54.00	8.40	203	Vertical
2	6337.555	58.52	18.36	68.20	9.68	214	Vertical
3	11510.00	42.59	2.17	54.00	11.41	245	Vertical
4	11510.00	52.63	2.17	74.00	21.37	223	Vertical
5	17265.00	54.22	6.33	68.20	13.98	249	Vertical
6	17265.00	44.08	6.33	54.00	9.92	236	Vertical
7	17872.11	47.71	8.60	54.00	6.29	150	Vertical

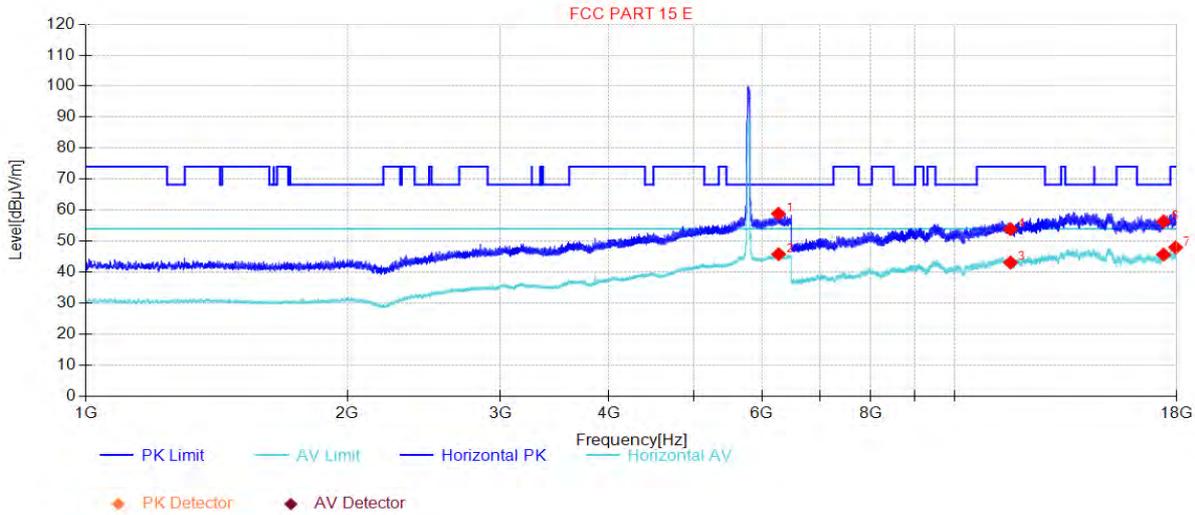
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4.9.1.65 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6267.517	58.82	18.33	68.20	9.38	179	Horizontal
2	6268.984	45.80	18.33	54.00	8.20	168	Horizontal
3	11590.00	43.08	3.16	54.00	10.92	149	Horizontal
4	11590.00	53.86	3.16	74.00	20.14	187	Horizontal
5	17385.00	45.64	6.82	54.00	8.36	152	Horizontal
6	17385.00	56.34	6.82	68.20	11.86	165	Horizontal
7	17950.31	47.94	8.43	54.00	6.06	150	Horizontal

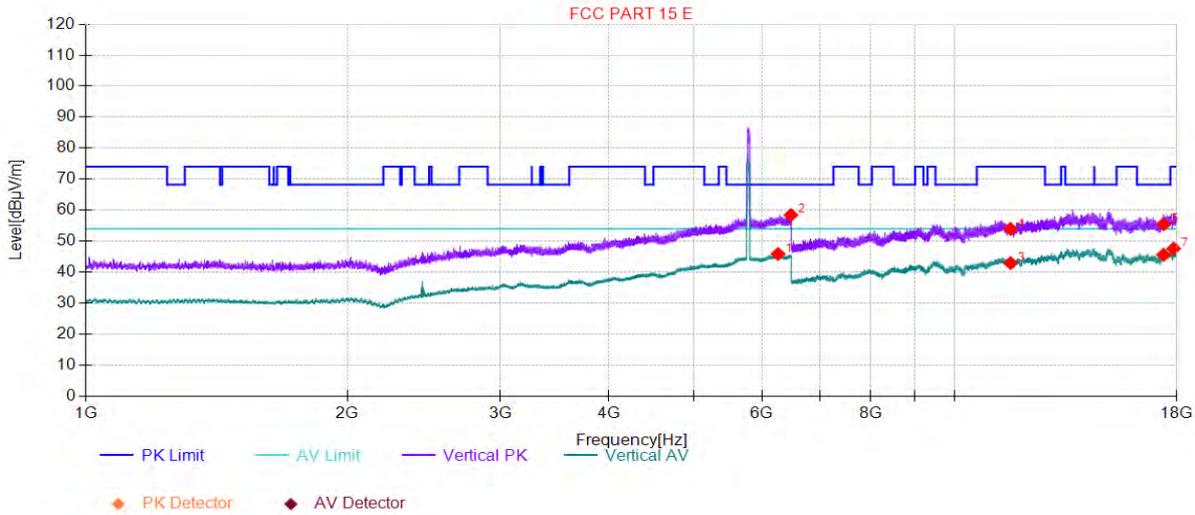
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4.9.1.66 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6259.817	45.86	18.29	54.00	8.14	245	Vertical
2	6477.631	58.43	18.59	68.20	9.77	249	Vertical
3	11590.00	42.91	3.16	54.00	11.09	213	Vertical
4	11590.00	53.91	3.16	74.00	20.09	256	Vertical
5	17385.00	55.41	6.82	68.20	12.79	203	Vertical
6	17385.00	45.57	6.82	54.00	8.43	241	Vertical
7	17858.77	47.56	8.49	54.00	6.44	150	Vertical

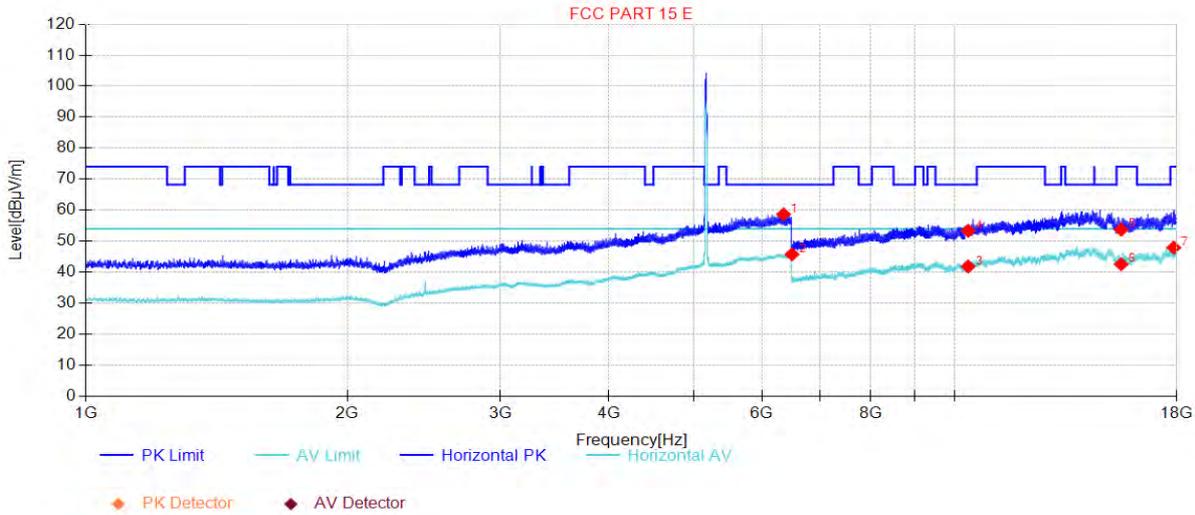
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4.9.1.67 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6351.490	58.66	18.32	68.20	9.54	142	Horizontal
2	6495.966	45.73	18.69	54.00	8.27	151	Horizontal
3	10360.00	41.80	2.38	54.00	12.20	162	Horizontal
4	10360.00	53.34	2.38	68.20	14.86	174	Horizontal
5	15540.00	53.71	5.88	74.00	20.29	163	Horizontal
6	15540.00	42.52	5.88	54.00	11.48	195	Horizontal
7	17860.15	47.90	8.50	54.00	6.10	150	Horizontal

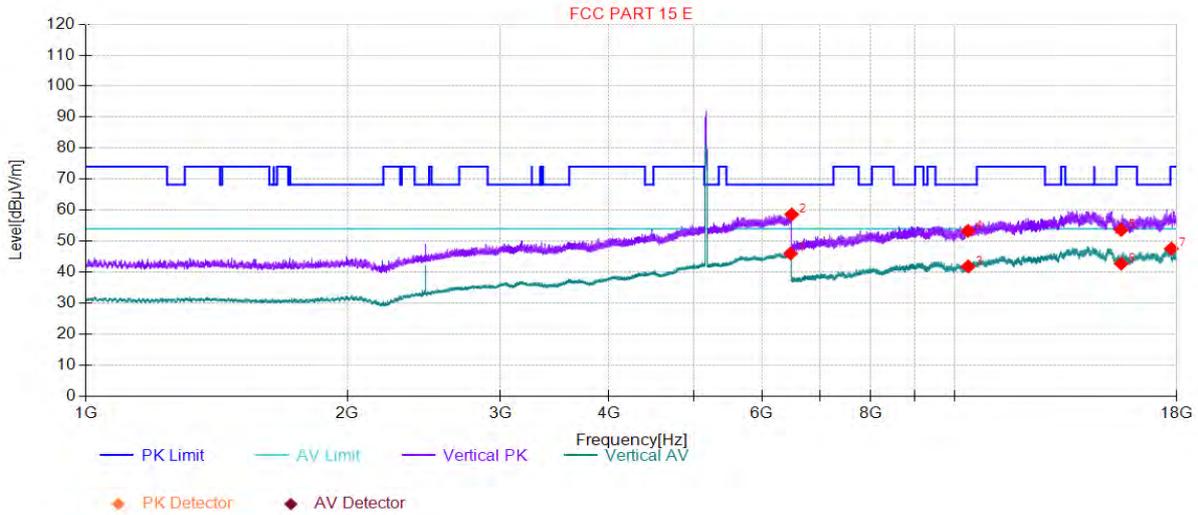
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4.9.1.68 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6470.664	46.00	18.55	54.00	8.00	206	Vertical
2	6489.366	58.60	18.66	68.20	9.60	241	Vertical
3	10360.00	41.77	2.38	54.00	12.23	264	Vertical
4	10360.00	53.24	2.38	68.20	14.96	251	Vertical
5	15540.00	53.63	5.88	74.00	20.37	222	Vertical
6	15540.00	42.72	5.88	54.00	11.28	311	Vertical
7	17750.67	47.57	7.79	54.00	6.43	150	Vertical

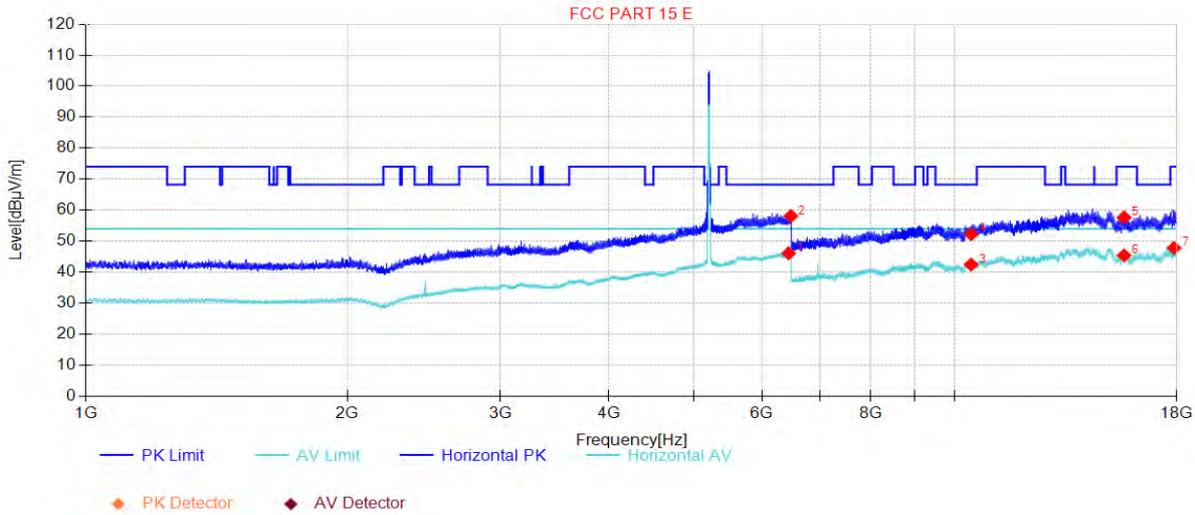
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4.9.1.69 802.11AC20_Channel 44

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6438.762	46.07	18.38	54.00	7.93	142	Horizontal
2	6475.798	58.09	18.58	68.20	10.11	174	Horizontal
3	10440.00	42.42	2.46	54.00	11.58	151	Horizontal
4	10440.00	52.23	2.46	68.20	15.97	162	Horizontal
5	15660.00	57.64	6.12	74.00	16.36	133	Horizontal
6	15660.00	45.37	6.12	54.00	8.63	177	Horizontal
7	17873.49	47.79	8.61	54.00	6.21	150	Horizontal

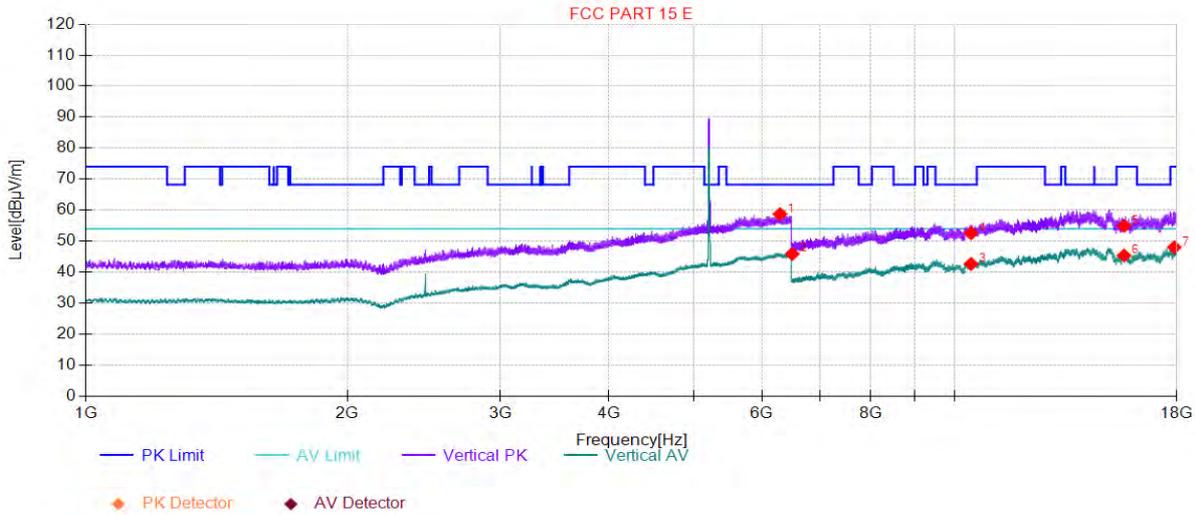
Final Data List



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4.9.1.70 802.11AC20_Channel 44

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	58.71	18.45	68.20	9.49	211	Vertical
2	6499.266	45.88	18.71	54.00	8.12	230	Vertical
3	10440.00	42.65	2.46	54.00	11.35	300	Vertical
4	10440.00	52.56	2.46	68.20	15.64	271	Vertical
5	15660.00	54.87	6.12	74.00	19.13	240	Vertical
6	15660.00	45.34	6.12	54.00	8.66	268	Vertical
7	17890.05	47.98	8.75	54.00	6.02	150	Vertical

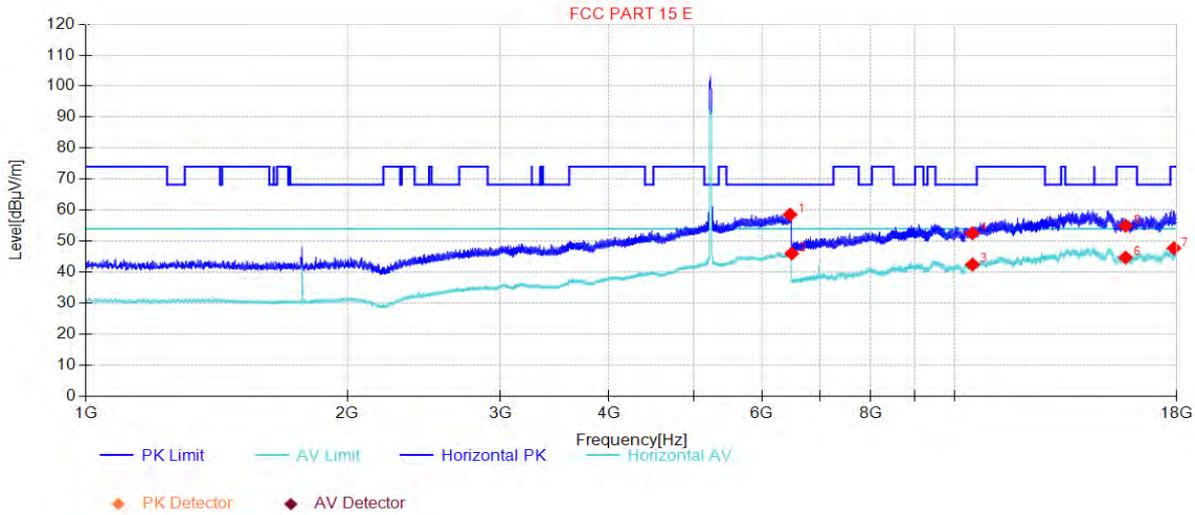
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4.9.1.71 802.11AC20_Channel 48

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6460.764	58.57	18.50	68.20	9.63	174	Horizontal
2	6490.832	46.00	18.66	54.00	8.00	125	Horizontal
3	10480.00	42.44	2.49	54.00	11.56	130	Horizontal
4	10480.00	52.53	2.49	68.20	15.67	144	Horizontal
5	15720.00	54.93	5.92	74.00	19.07	155	Horizontal
6	15720.00	44.69	5.92	54.00	9.31	176	Horizontal
7	17867.05	47.69	8.56	54.00	6.31	150	Horizontal

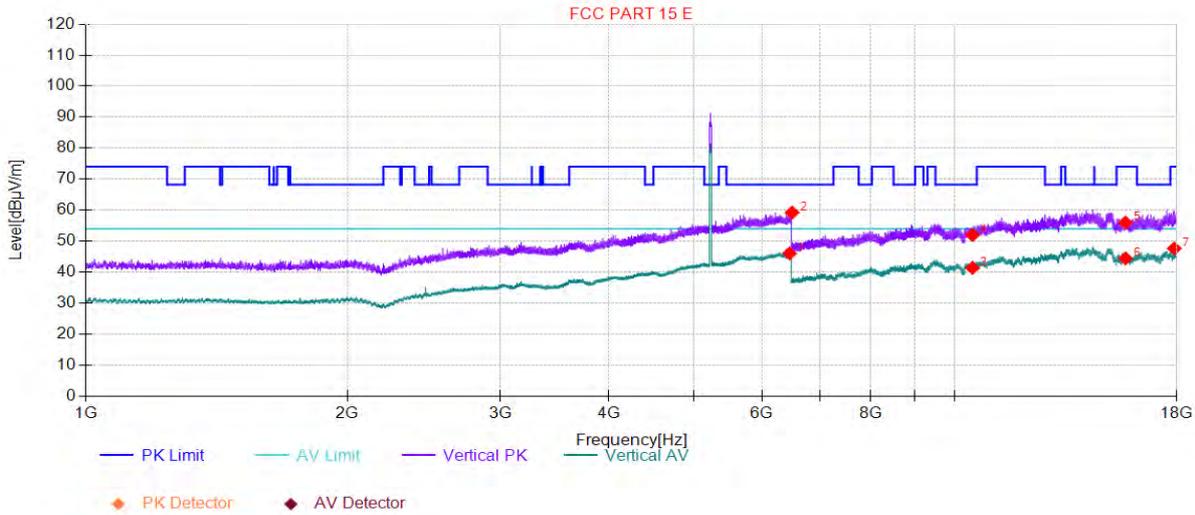
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4.9.1.72 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6454.163	46.03	18.46	54.00	7.97	251	Vertical
2	6496.699	59.20	18.70	68.20	9.00	266	Vertical
3	10480.00	41.36	2.49	54.00	12.64	302	Vertical
4	10480.00	51.96	2.49	68.20	16.24	274	Vertical
5	15720.00	55.98	5.92	74.00	18.02	232	Vertical
6	15720.00	44.41	5.92	54.00	9.59	288	Vertical
7	17888.21	47.62	8.74	54.00	6.38	150	Vertical

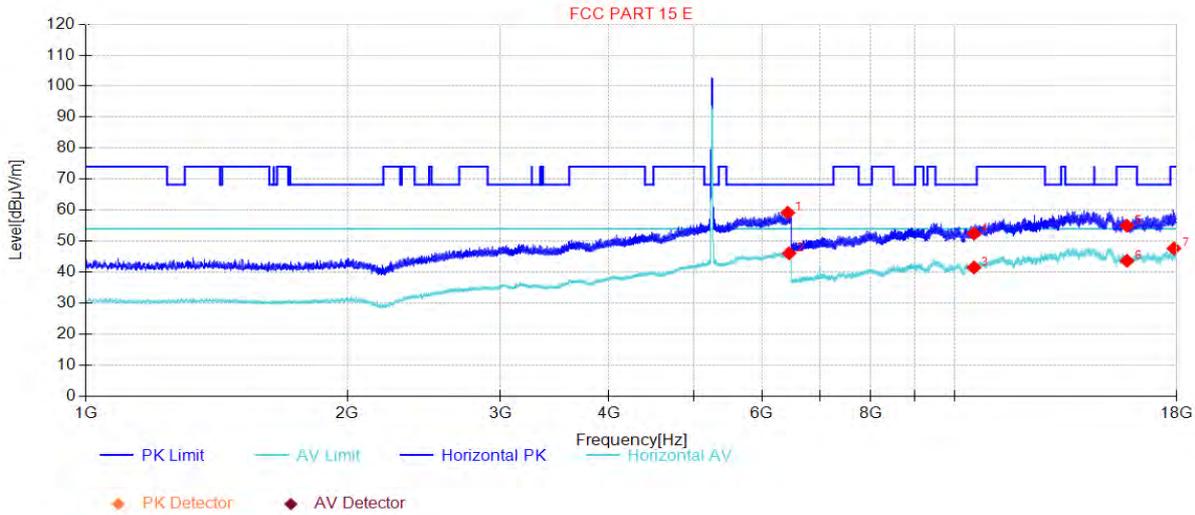
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4.9.1.73 802.11AC20_Channel 52

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6423.361	59.16	18.29	68.20	9.04	184	Horizontal
2	6444.996	46.08	18.41	54.00	7.92	162	Horizontal
3	10520.00	41.48	2.45	54.00	12.52	152	Horizontal
4	10520.00	52.43	2.45	68.20	15.77	144	Horizontal
5	15780.00	54.93	5.30	74.00	19.07	143	Horizontal
6	15780.00	43.62	5.30	54.00	10.38	195	Horizontal
7	17870.73	47.63	8.59	54.00	6.37	150	Horizontal

Final Data List



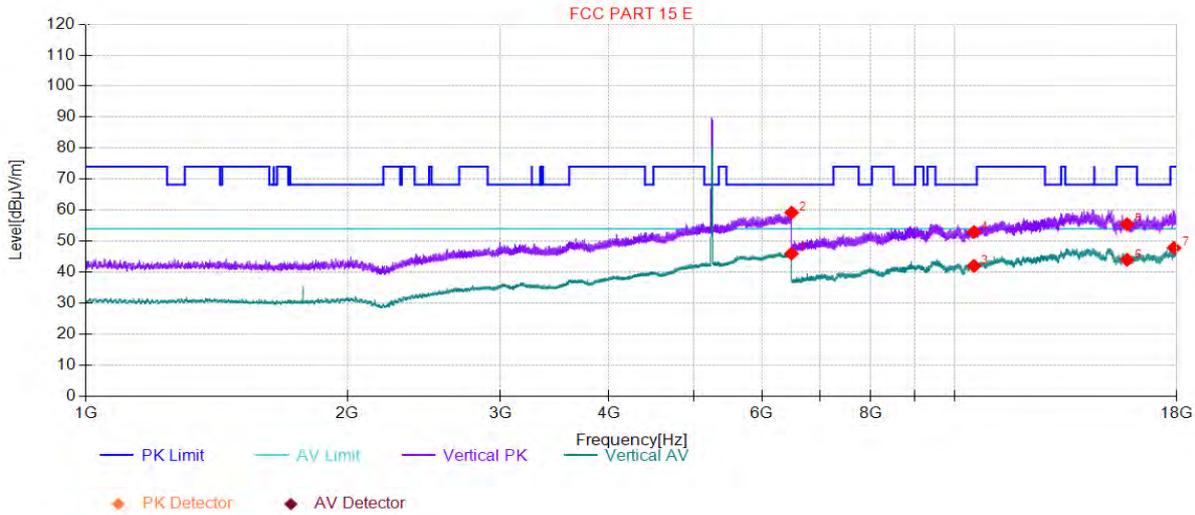
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.1.74 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6487.165	45.96	18.64	54.00	8.04	206	Vertical
2	6489.366	59.19	18.66	68.20	9.01	244	Vertical
3	10520.00	42.00	2.45	54.00	12.00	255	Vertical
4	10520.00	52.91	2.45	68.20	15.29	238	Vertical
5	15780.00	55.44	5.30	74.00	18.56	211	Vertical
6	15780.00	43.97	5.30	54.00	10.03	262	Vertical
7	17872.57	47.84	8.61	54.00	6.16	150	Vertical

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