

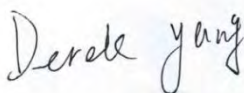
FCC TEST REPORT

Application No.: ZR/2020/B0036
Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Applicant: NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City , Guangdong,China
Manufacturer: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Manufacturer: NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City , Guangdong,China
EUT Description: Mobile Phone
Model No.: CPH2173
Trade Mark: OPPO
FCC ID: R9C-CPH2173
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: 2020/11/19
Date of Test: 2020/11/19 to 2020/12/31
Date of Issue: 2021/4/16

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		2021/1/4		Original
02		2021/4/16	Stephen liang	1.Add test site Information 2.Modify data conversion error of antenna height 3.Update equipment list

*This report supersedes our previous report ZR/2020/B003605, issued on 2021-01-04, which is hereby deemed null and void.

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



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2 Test Summary

Test Item	Band	FCC rules	Test Requirements	Test Result	Result	Test Lab*
26dB Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Clause 4.5	PASS	A
	5250-5350	15.403(i) 15.407(a)(2)				A
	5470-5725	15.403(i) 15.407(a)(2)				A
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					A
	5470-5725					A
	5725-5850					A
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)			A
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*Ig(EBW)} (avg during transmission)			A
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)			A
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)			A
	5470-5725	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)			A
	5725-5850	15.407(a)(3)	<30dBm/500KHz (avg during transmission)			A



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		15.407(a)(4)				
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	B
	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		PASS	B



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			(AV&PK).			
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 5725-5850	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	A

Remark :

All test were performed by Lab A and B.

Parts of test items above were subcontracted to Lab B.

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

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



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3 General Information

3.1 Details of Client

Applicant:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Applicant	NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City , Guangdong,China
Manufacturer:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Manufacturer	NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City , 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, Mike Hu

Lab B:

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



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3.3 Test Facility

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

Lab A:

• A2LA (Certificate No. 3816.01)

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

• VCCI

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

• FCC –Designation Number: CN1178

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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

Lab B:

A2LA (Certificate No. 4854.01)

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

• FCC –Designation Number: CN1271



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3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	CPH2173
Trade Mark:	OPPO
Hardware Version:	11
Software Version:	ColorOS V11.2
IEEE 802.11 WLAN Mode Supported	☒ 802.11a (20 MHz channel bandwidth), ☒ 802.11n (20 MHz channel bandwidth), ☒ 802.11n (40 MHz channel bandwidth), ☒ 802.11ac (20 MHz channel bandwidth) ☒ 802.11ac (40 MHz channel bandwidth) ☒ 802.11ac (80 MHz channel bandwidth) ☒ 802.11ac (160 MHz channel bandwidth) ☒ 802.11ax (20 MHz channel bandwidth); ☒ 802.11ax (40 MHz channel bandwidth); ☒ 802.11ax (80 MHz channel bandwidth); ☒ 802.11ax (160 MHz channel bandwidth);
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(VHT20/40/80)/ax(HE20/40/80): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(VHT20/40/80/160) /ax(HE20/40/80/160): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(VHT20/40/80/160) /ax(HE20/40/80/160): 5470MHz to 5725MHz IEEE 802.11n(HT20/40)/ ac(VHT20/40/80/160) /ax(HE20/40/80/160): 5725MHz to 5850MHz
Type of Modulation:	OFDM
DFS mode:	☐ Master ☐ Slave with radar detection ☒ Slave without radar detection
Sample Type:	☒ Portable Device, ☐ Module
Antenna Type:	☐ External, ☒ Integrated
Antenna Ports	☒ Ant 1, ☒ Ant 2, ☐ Ant 3
Smart System	☒ SISO (for 802.11a/n/ac/ax), ☒ MIMO (for 802.11n/ac/ax), ☐ Diversity (for 802.11a).
Antenna Gain:	-3.5dBi(ANT1); -5dBi(ANT2);
Power Supply	☒ AC/DC Adapter; ☐ Battery ☐ PoE;; ☐ Other:



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Remark:

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

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



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For UNII Band I:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5180
	The Middle channel	5200
	The Highest channel	5240
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5190
	The Highest channel	5230
IEEE 802.11ac/ax 80MHz	The Middle channel	5210
IEEE 802.11ac/ax 160MHz	The Middle channel	5250

For UNII Band II-A:

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

For UNII Band II-C:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5500
	The Middle channel	5580
	The Highest channel	5700
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5510
	The Middle channel	5550
	The Highest channel	5670
IEEE 802.11ac/ax 80MHz	The Lowest channel	5530
	The Highest channel	5610
IEEE 802.11ac/ax 160MHz	The Middle channel	5570

For UNII Band III:

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



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3.5 Test Environment and Mode

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



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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is -3.5dBi.	

4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.		



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

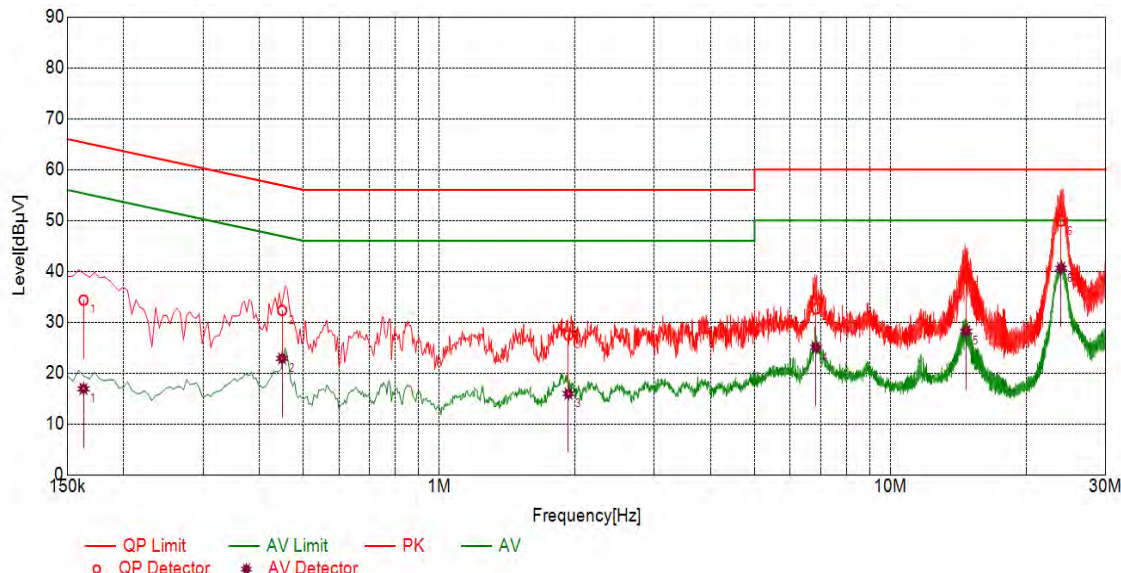


Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:



Test Graph

Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1630	10.10	34.34	65.31	30.97	16.90	55.31	38.41	L
2	0.4490	10.10	32.31	56.89	24.58	22.88	46.89	24.01	L
3	1.9351	10.10	27.45	56.00	28.55	15.97	46.00	30.03	L
4	6.8430	10.10	32.65	60.00	27.35	25.05	50.00	24.95	L
5	14.7314	10.11	38.92	60.00	21.08	28.23	50.00	21.77	L
6	23.8832	10.11	49.86	60.00	10.14	40.62	50.00	9.38	L

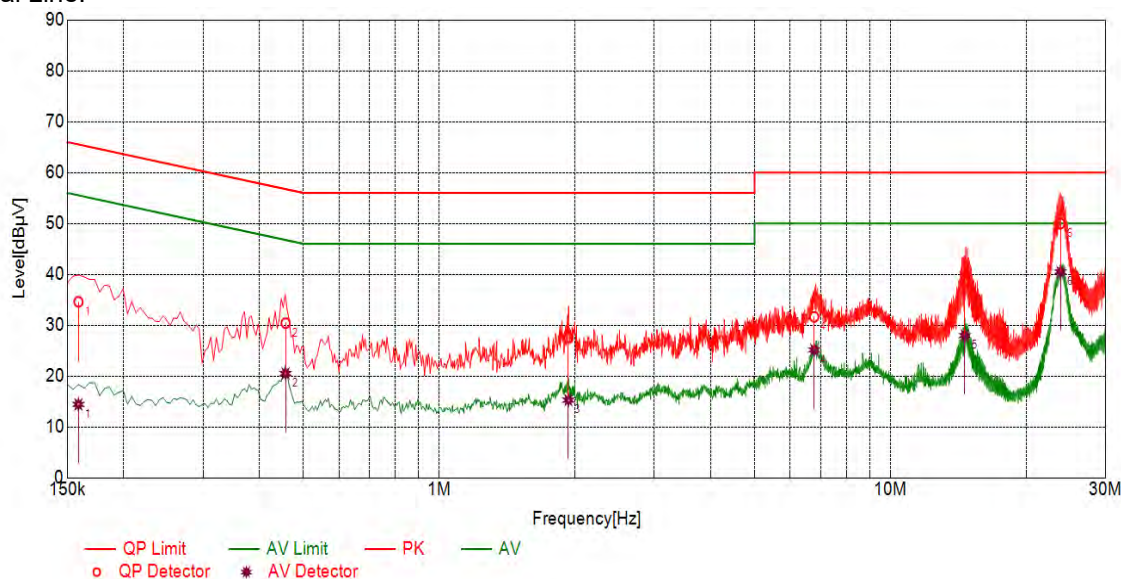


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Neutral Line:



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	0.1588	10.10	34.60	65.53	30.93	14.43	55.53	41.10	N
2	0.4570	10.10	30.41	56.75	26.34	20.50	46.75	26.25	N
3	1.9344	10.10	27.48	56.00	28.52	15.27	46.00	30.73	N
4	6.7796	10.10	31.64	60.00	28.36	25.14	50.00	24.86	N
5	14.6289	10.11	38.53	60.00	21.47	27.97	50.00	22.03	N
6	23.8136	10.11	49.98	60.00	10.02	40.47	50.00	9.53	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.



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4.3 Duty Cycle

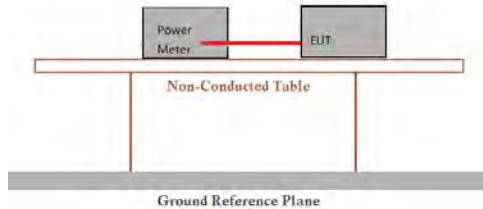
The detailed test data see: **Appendix C**



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4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10 :2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). 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 $11 + 10\log B$
	5470-5725MHz	The lesser of 250mW(24dBm) or $11 + 10\log B$
	5725-5850MHz	Not exceed 1W(30dBm)
	*Where B is the 26dB emission bandwidth in MHz	
Test Results:	Pass	

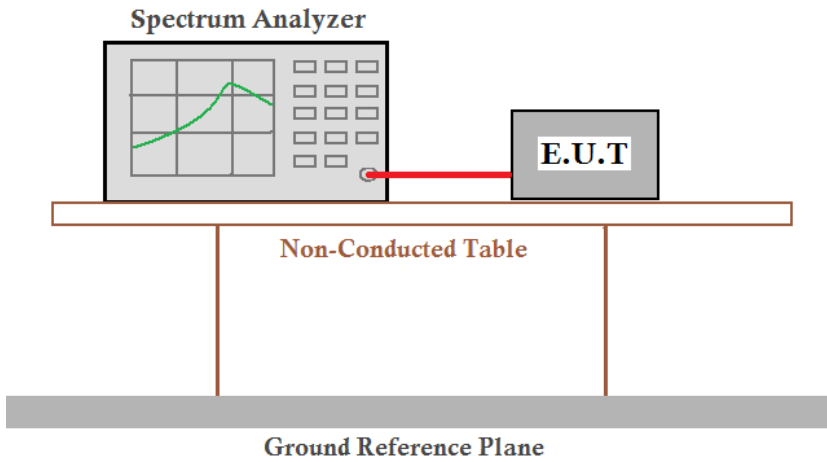
The detailed test data see: **Appendix C**



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4.5 26dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

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



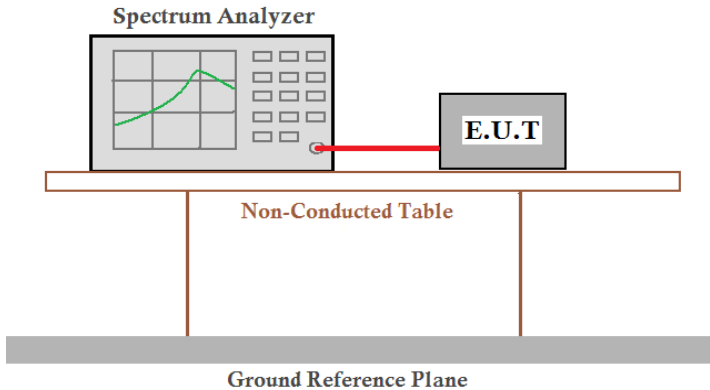
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4.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5725-5850MHz	At lease 500kHz
Test Results:	Pass	

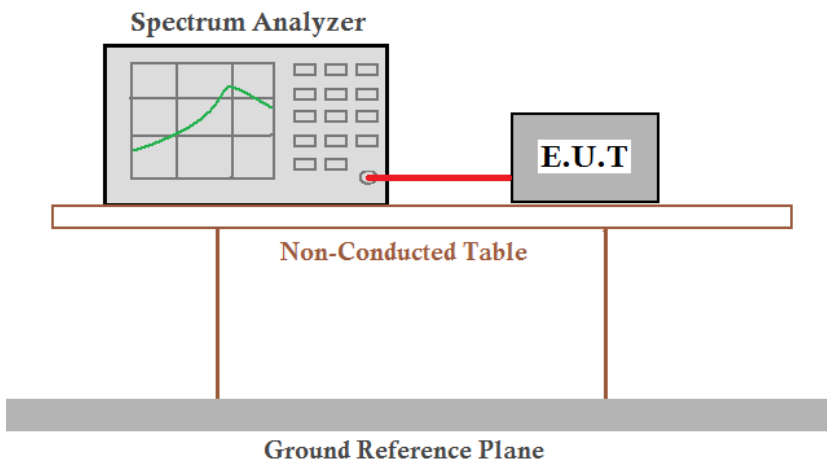
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4.7 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

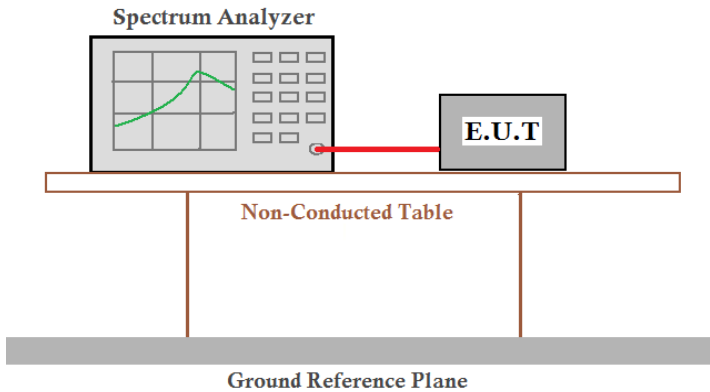
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4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013 KDB 789033 D02 v02r01, Section F.	
Test Setup:		
Instruments Used:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). 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 C**



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4.9 Radiated Spurious Emissions

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

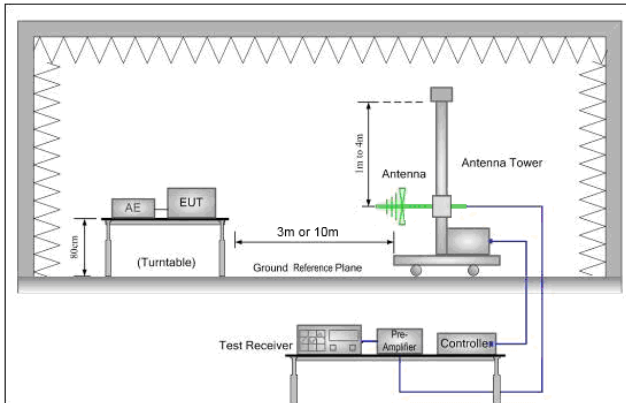


Figure 1. 30MHz to 1GHz

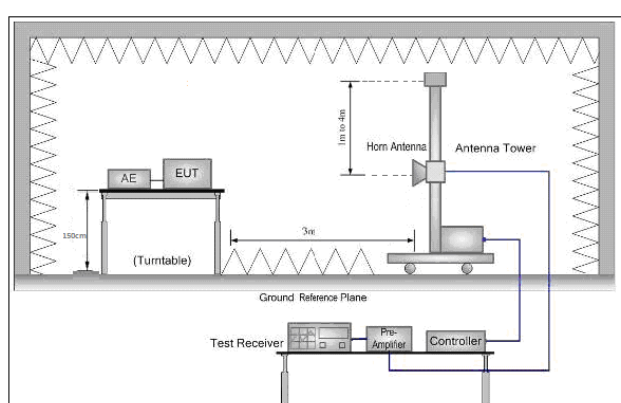


Figure 2. Above 1 GHz

Test Procedure:	- For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Test the EUT in the outermost channels. - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ;



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	MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). 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.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



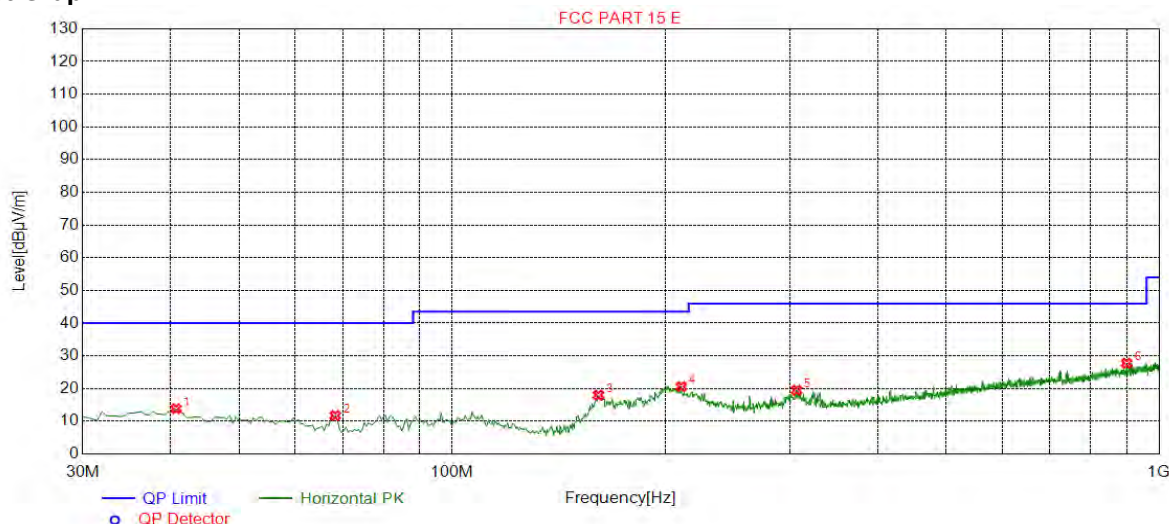
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4.9.1 Radiated emission below 1GHz

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.6753	13.84	40.00	26.16	237	137	Horizontal
2	68.3342	11.78	40.00	28.22	239	96	Horizontal
3	161.0155	18.01	43.50	25.49	249	266	Horizontal
4	210.9955	20.62	43.50	22.88	243	294	Horizontal
5	307.0735	19.54	46.00	26.46	176	346	Horizontal
6	899.5548	27.78	46.00	18.22	136	83	Horizontal

Final Data List

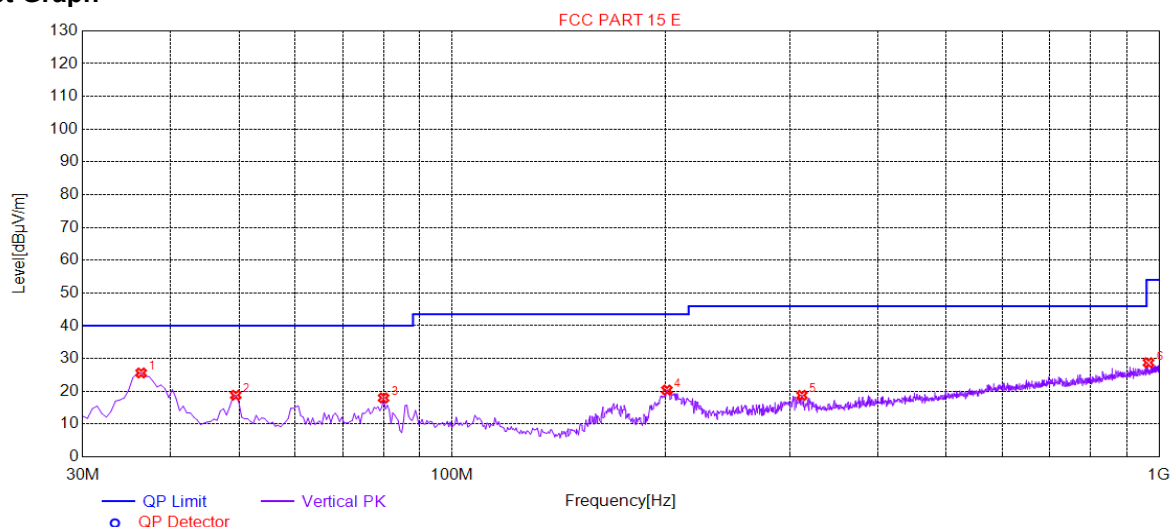


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Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	25.61	40.00	14.39	260	14	Vertical
2	49.4097	18.82	40.00	21.18	189	360	Vertical
3	79.9800	17.99	40.00	22.01	208	263	Vertical
4	201.2906	20.39	43.50	23.11	163	336	Vertical
5	312.4112	18.78	46.00	27.22	205	14	Vertical
6	966.0330	28.75	54.00	25.25	264	298	Vertical

Final Data List



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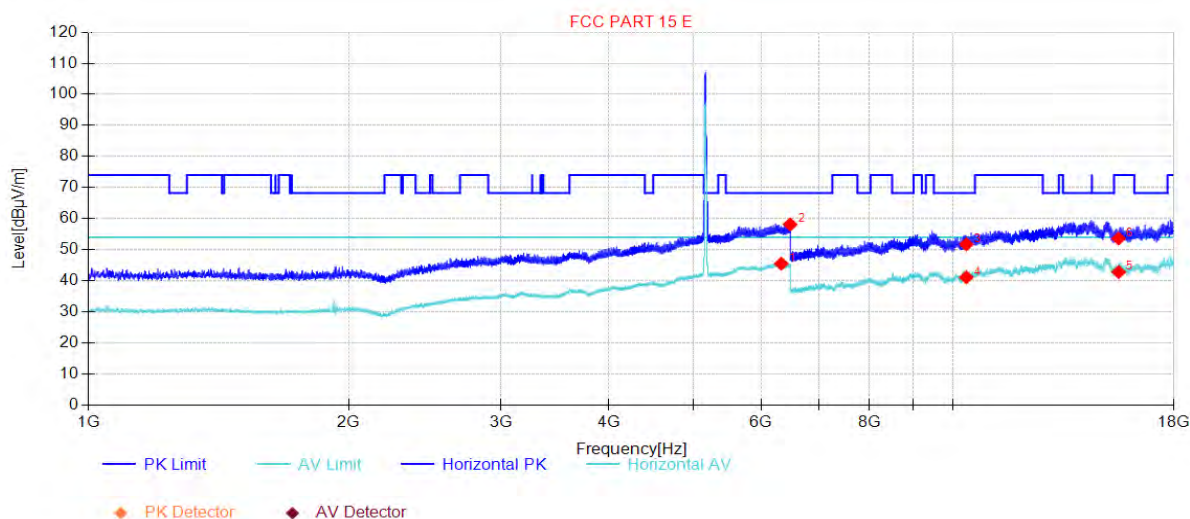
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4.9.2 Transmitter emission above 1GHz 802.11A_Channel 36 MIMO

4.9.2.1

Test Graph



Suspected List

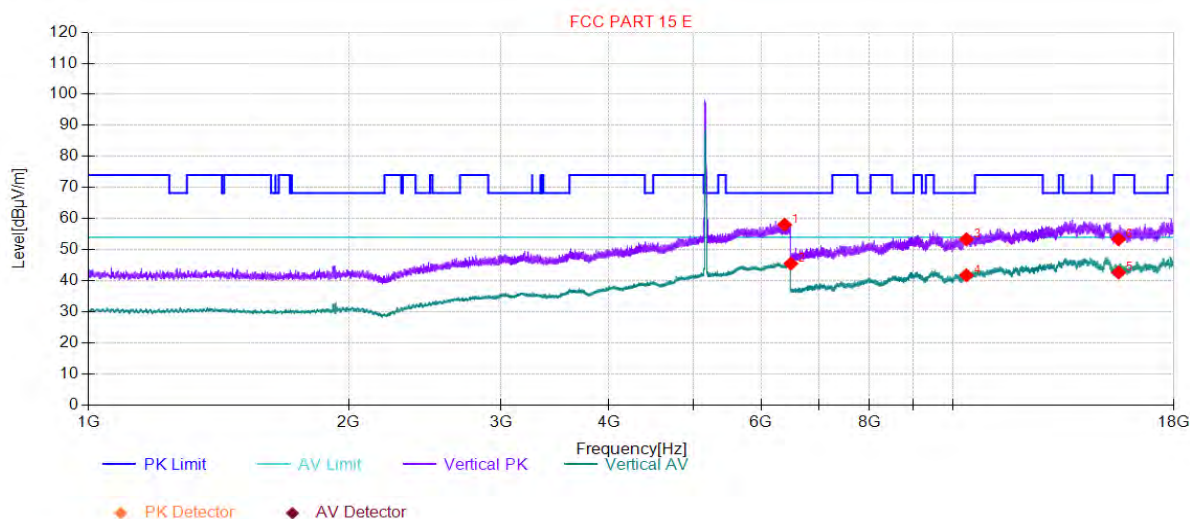
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6328.388	45.48	18.39	54.00	8.52	142	Horizontal
2	6480.932	58.12	18.61	68.20	10.08	150	Horizontal
3	10360.00	51.70	2.38	68.20	16.50	163	Horizontal
4	10360.00	41.09	2.38	54.00	12.91	126	Horizontal
5	15540.00	42.78	5.88	54.00	11.22	151	Horizontal
6	15540.00	53.57	5.88	74.00	20.43	135	Horizontal

Final Data List



4.9.2.2 802.11A_Channel 36 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6385.592	58.06	18.21	68.20	10.14	241	Vertical
2	6490.832	45.50	18.66	54.00	8.50	266	Vertical
3	10360.00	53.33	2.38	68.20	14.87	248	Vertical
4	10360.00	41.74	2.38	54.00	12.26	268	Vertical
5	15540.00	42.63	5.88	54.00	11.37	284	Vertical
6	15540.00	53.33	5.88	74.00	20.67	257	Vertical

Final Data List



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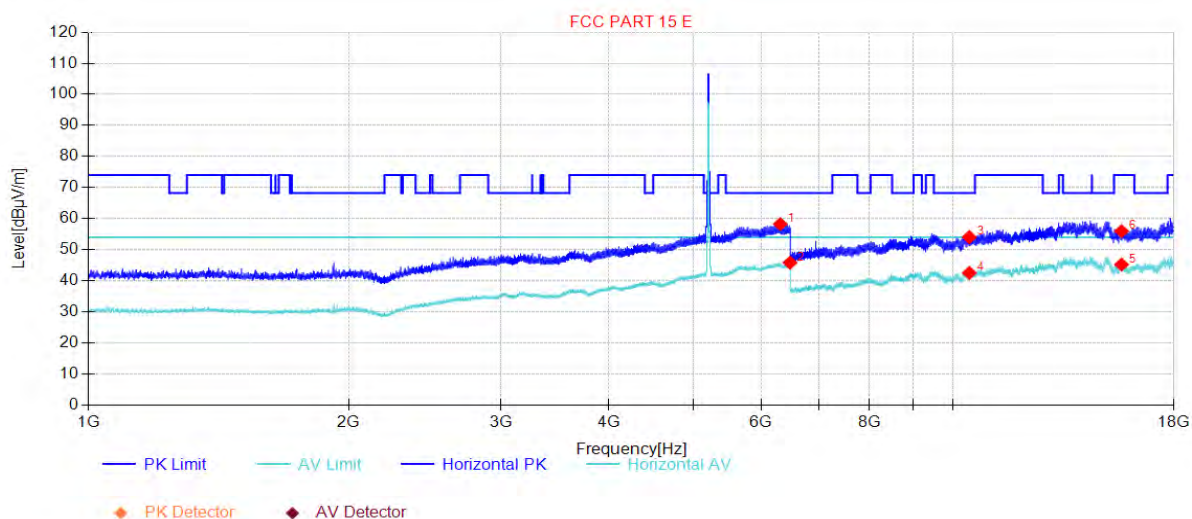
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4.9.2.3 802.11A_Channel 44 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6311.887	58.23	18.45	68.20	9.97	162	Horizontal
2	6477.998	45.82	18.59	54.00	8.18	135	Horizontal
3	10440.00	54.03	2.46	68.20	14.17	184	Horizontal
4	10440.00	42.50	2.46	54.00	11.50	151	Horizontal
5	15660.00	45.20	6.12	54.00	8.80	168	Horizontal
6	15660.00	55.94	6.12	74.00	18.06	163	Horizontal

Final Data List



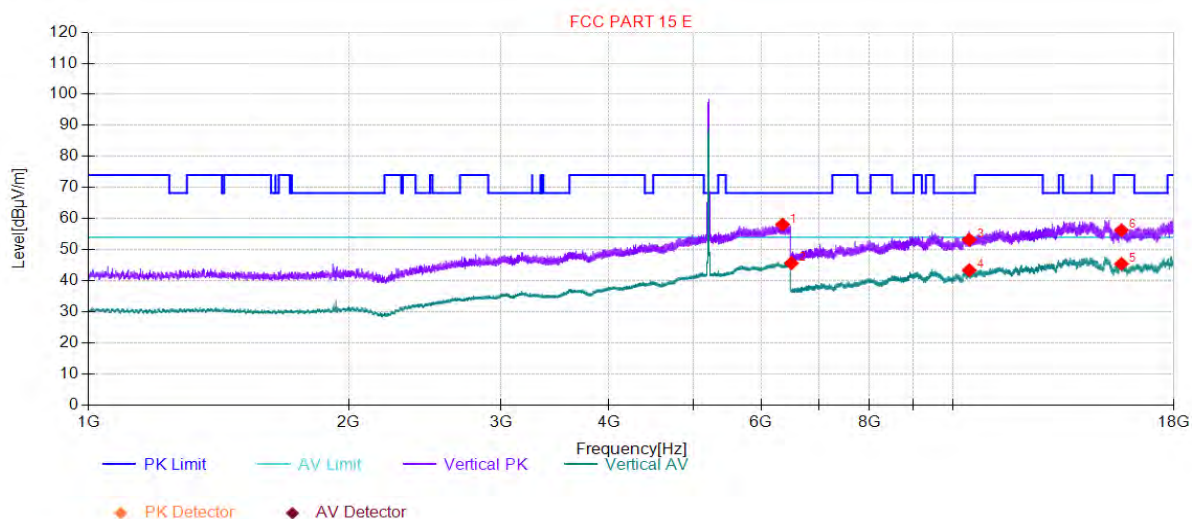
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4.9.2.4 802.11A_Channel 44 MIMO

Test Graph



Suspected List

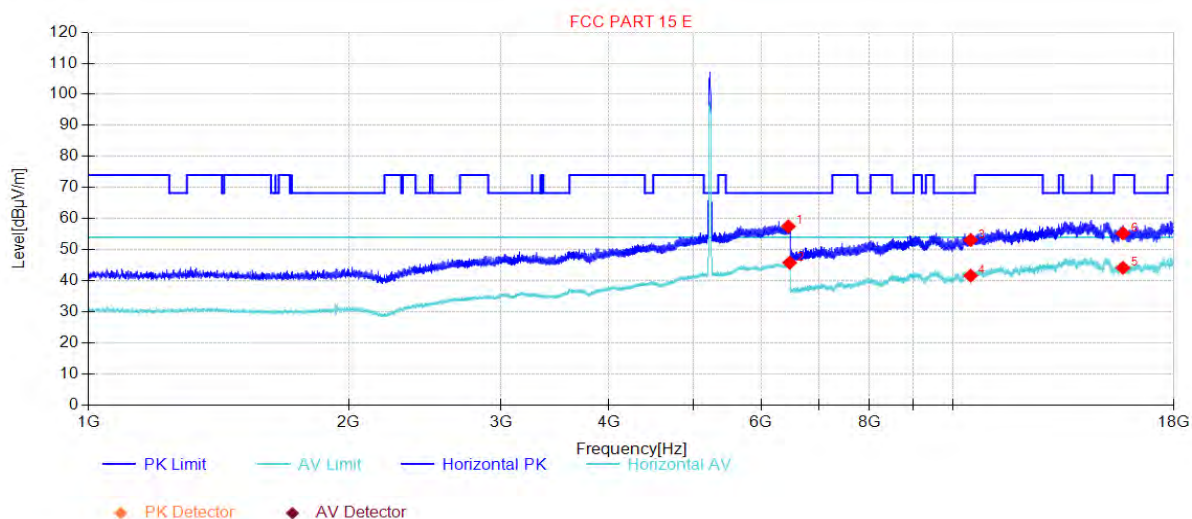
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6350.756	58.06	18.32	68.20	10.14	245	Vertical
2	6499.633	45.66	18.71	54.00	8.34	261	Vertical
3	10440.00	53.19	2.46	68.20	15.01	263	Vertical
4	10440.00	43.38	2.46	54.00	10.62	285	Vertical
5	15660.00	45.42	6.12	54.00	8.58	269	Vertical
6	15660.00	56.26	6.12	74.00	17.74	274	Vertical

Final Data List



4.9.2.5 802.11A_Channel 48 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6448.296	57.48	18.43	68.20	10.72	135	Horizontal
2	6471.398	45.79	18.56	54.00	8.21	168	Horizontal
3	10480.00	53.07	2.49	68.20	15.13	169	Horizontal
4	10480.00	41.62	2.49	54.00	12.38	148	Horizontal
5	15720.00	44.12	5.92	54.00	9.88	163	Horizontal
6	15720.00	55.23	5.92	74.00	18.77	151	Horizontal

Final Data List



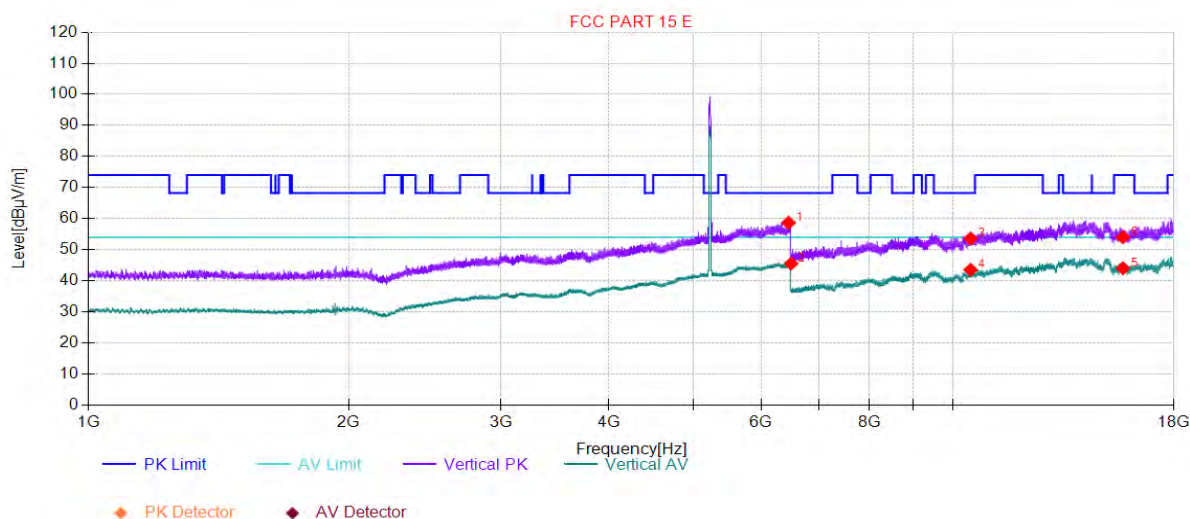
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4.9.2.6 802.11A_Channel 48 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.230	58.64	18.44	68.20	9.56	247	Vertical
2	6496.333	45.49	18.69	54.00	8.51	263	Vertical
3	10480.00	53.56	2.49	68.20	14.64	285	Vertical
4	10480.00	43.49	2.49	54.00	10.51	261	Vertical
5	15720.00	43.98	5.92	54.00	10.02	248	Vertical
6	15720.00	53.98	5.92	74.00	20.02	246	Vertical

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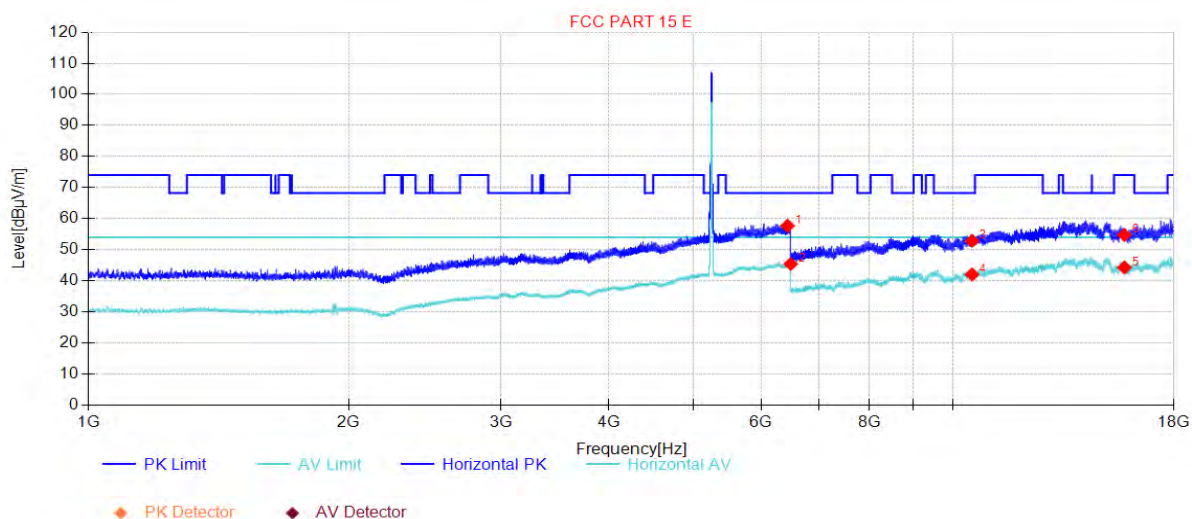
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4.9.2.7 802.11A_Channel 52 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6434.729	57.66	18.35	68.20	10.54	153	Horizontal
2	6488.999	45.36	18.65	54.00	8.64	135	Horizontal
3	10520.00	52.79	2.45	68.20	15.41	174	Horizontal
4	10520.00	42.00	2.45	54.00	12.00	169	Horizontal
5	15780.00	44.23	5.30	54.00	9.77	145	Horizontal
6	15780.00	54.72	5.30	74.00	19.28	132	Horizontal

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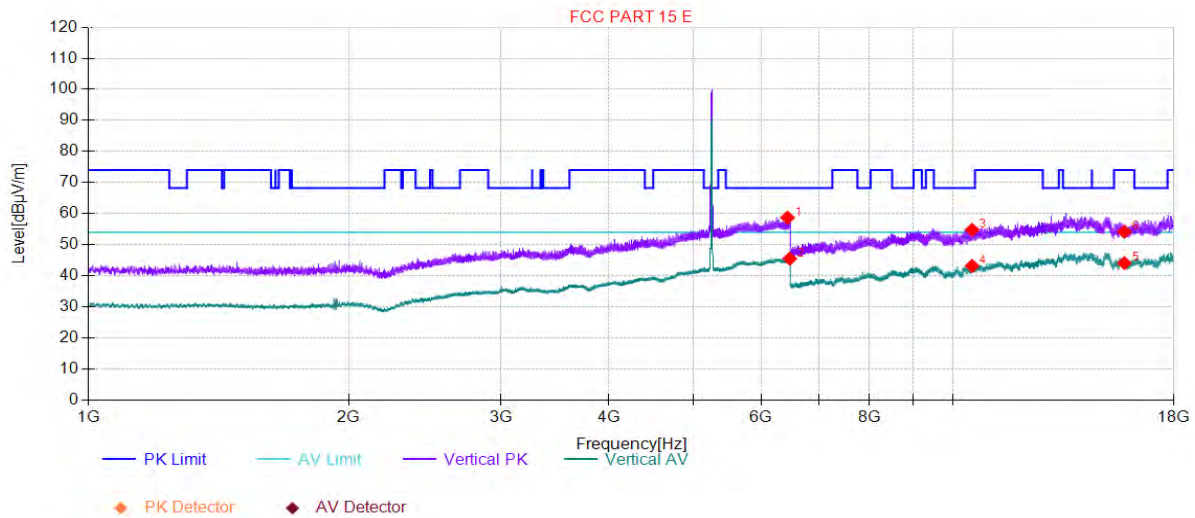
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4.9.2.8 802.11A_Channel 52 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6434.362	58.68	18.35	68.20	9.52	278	Vertical
2	6471.398	45.47	18.56	54.00	8.53	263	Vertical
3	10520.00	54.77	2.45	68.20	13.43	284	Vertical
4	10520.00	43.14	2.45	54.00	10.86	236	Vertical
5	15780.00	44.05	5.30	54.00	9.95	298	Vertical
6	15780.00	54.13	5.30	74.00	19.87	241	Vertical

Final Data List



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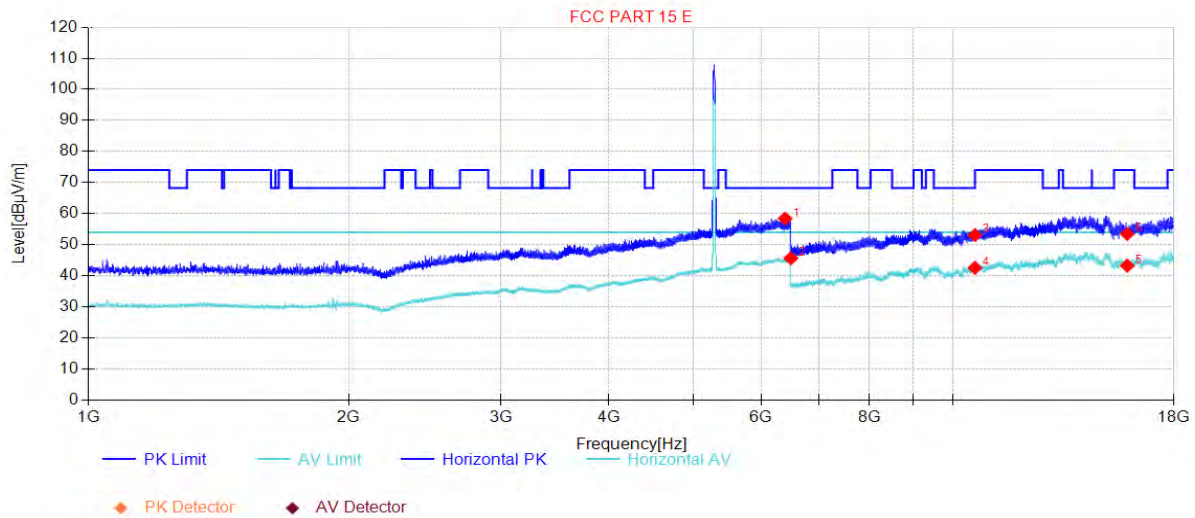
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4.9.2.9 802.11A_Channel 60 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6393.292	58.39	18.18	68.20	9.81	156	Horizontal
2	6493.399	45.64	18.68	54.00	8.36	178	Horizontal
3	10600.00	53.08	2.23	74.00	20.92	163	Horizontal
4	10600.00	42.53	2.23	54.00	11.47	145	Horizontal
5	15900.00	43.23	5.29	54.00	10.77	163	Horizontal
6	15900.00	53.46	5.29	74.00	20.54	128	Horizontal

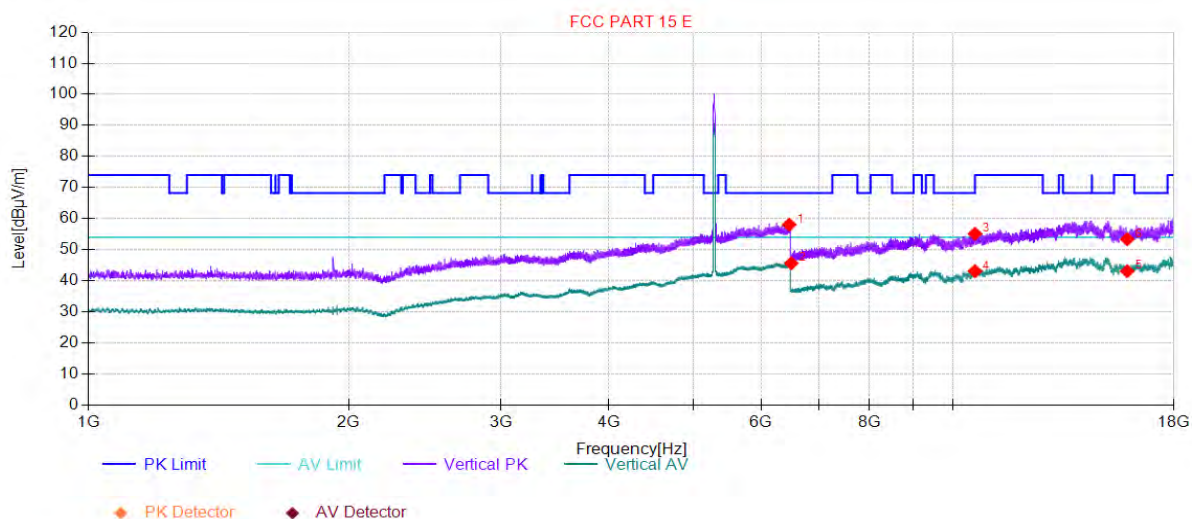
Final Data List



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4.9.2.10 802.11A_Channel 60 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6463.330	58.03	18.51	68.20	10.17	247	Vertical
2	6498.166	45.60	18.70	54.00	8.40	269	Vertical
3	10600.00	55.09	2.23	74.00	18.91	285	Vertical
4	10600.00	43.05	2.23	54.00	10.95	241	Vertical
5	15900.00	43.07	5.29	54.00	10.93	236	Vertical
6	15900.00	53.34	5.29	74.00	20.66	284	Vertical

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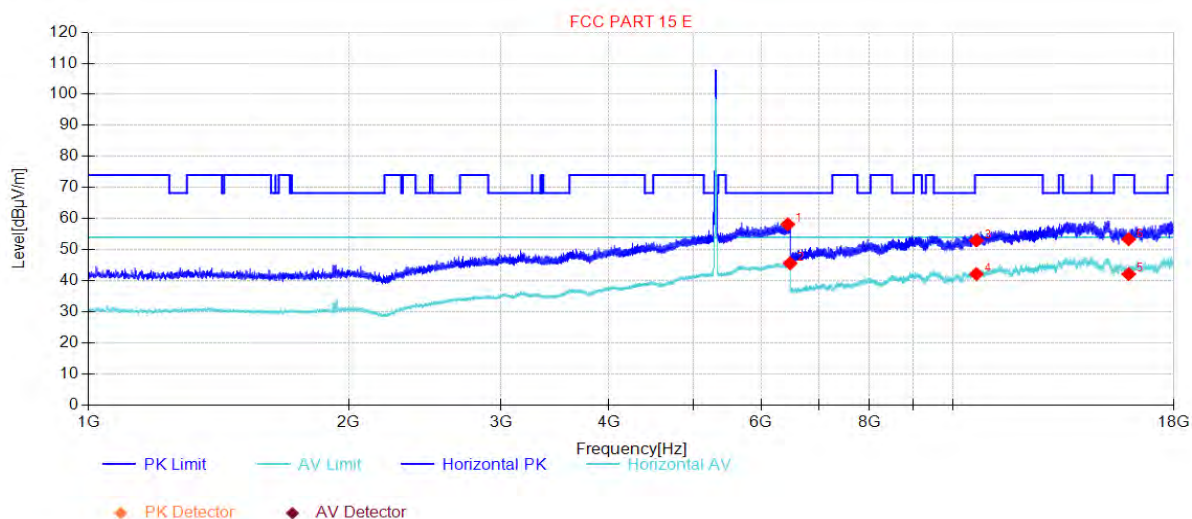
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4.9.2.11 802.11A_Channel 64 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6439.862	58.15	18.38	68.20	10.05	165	Horizontal
2	6478.365	45.59	18.59	54.00	8.41	187	Horizontal
3	10640.00	52.92	2.22	74.00	21.08	162	Horizontal
4	10640.00	42.14	2.22	54.00	11.86	148	Horizontal
5	15960.00	42.13	5.01	54.00	11.87	163	Horizontal
6	15960.00	53.33	5.01	74.00	20.67	147	Horizontal

Final Data List

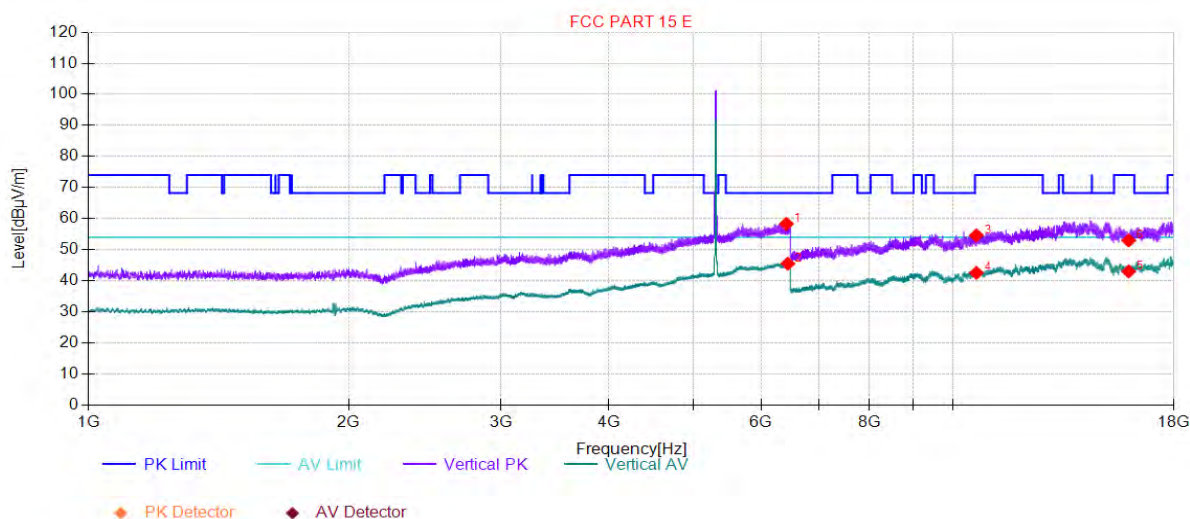


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4.9.2.12 802.11A_Channel 64 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6416.027	58.28	18.25	68.20	9.92	241	Vertical
2	6440.229	45.48	18.38	54.00	8.52	263	Vertical
3	10640.00	54.62	2.22	74.00	19.38	285	Vertical
4	10640.00	42.52	2.22	54.00	11.48	260	Vertical
5	15960.00	42.95	5.01	54.00	11.05	285	Vertical
6	15960.00	52.93	5.01	74.00	21.07	262	Vertical

Final Data List



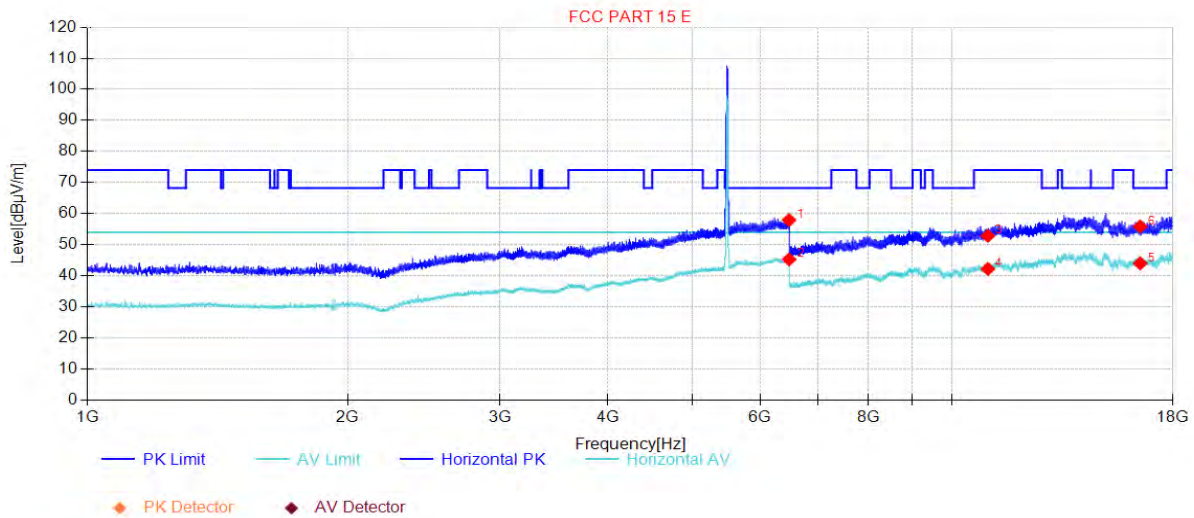
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4.9.2.13 802.11A_Channel 100 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6478.731	57.91	18.60	68.20	10.29	147	Horizontal
2	6479.098	45.25	18.60	54.00	8.75	168	Horizontal
3	11000.00	52.81	2.74	74.00	21.19	162	Horizontal
4	11000.00	42.20	2.74	54.00	11.80	135	Horizontal
5	16500.00	43.98	5.09	54.00	10.02	152	Horizontal
6	16500.00	55.85	5.09	68.20	12.35	162	Horizontal

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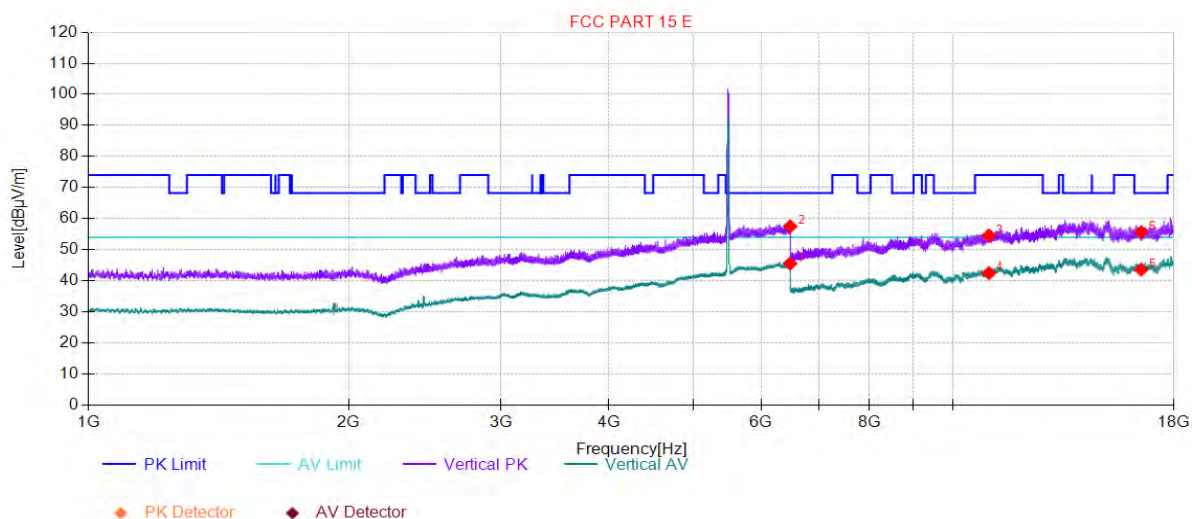
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4.9.2.14 802.11A_Channel 100 MIMO

Test Graph



Suspected List

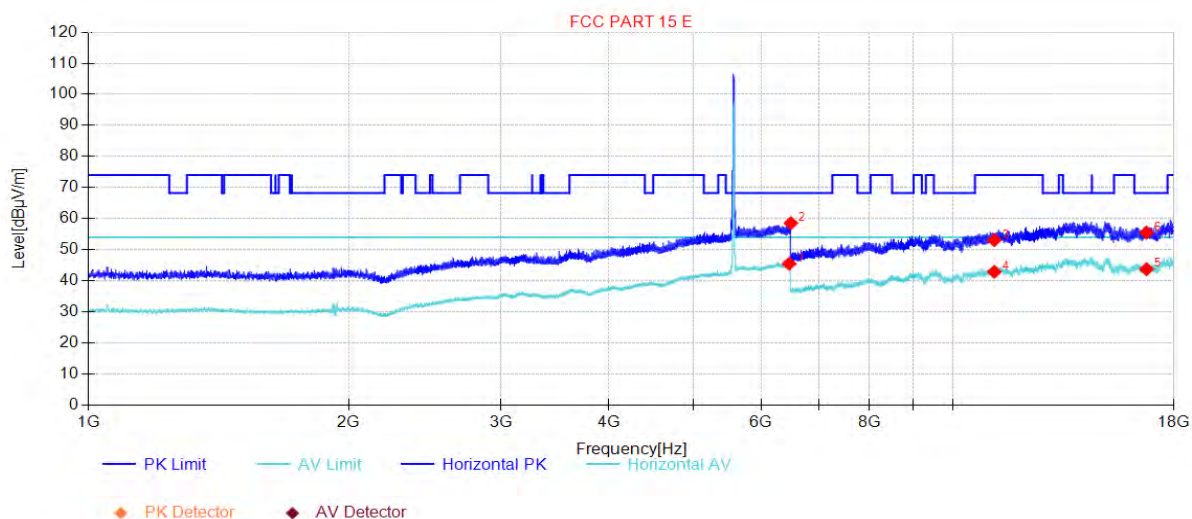
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6478.365	45.50	18.59	54.00	8.50	247	Vertical
2	6480.932	57.50	18.61	68.20	10.70	263	Vertical
3	11000.00	54.56	2.74	74.00	19.44	285	Vertical
4	11000.00	42.45	2.74	54.00	11.55	261	Vertical
5	16500.00	43.55	5.09	54.00	10.45	248	Vertical
6	16500.00	55.65	5.09	68.20	12.55	263	Vertical

Final Data List



4.9.2.15 802.11A_Channel 116 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6462.597	45.45	18.51	54.00	8.55	135	Horizontal
2	6492.666	58.52	18.67	68.20	9.68	162	Horizontal
3	11160.00	53.06	2.54	74.00	20.94	148	Horizontal
4	11160.00	42.87	2.54	54.00	11.13	162	Horizontal
5	16740.00	43.70	5.53	54.00	10.30	178	Horizontal
6	16740.00	55.49	5.53	68.20	12.71	162	Horizontal

Final Data List



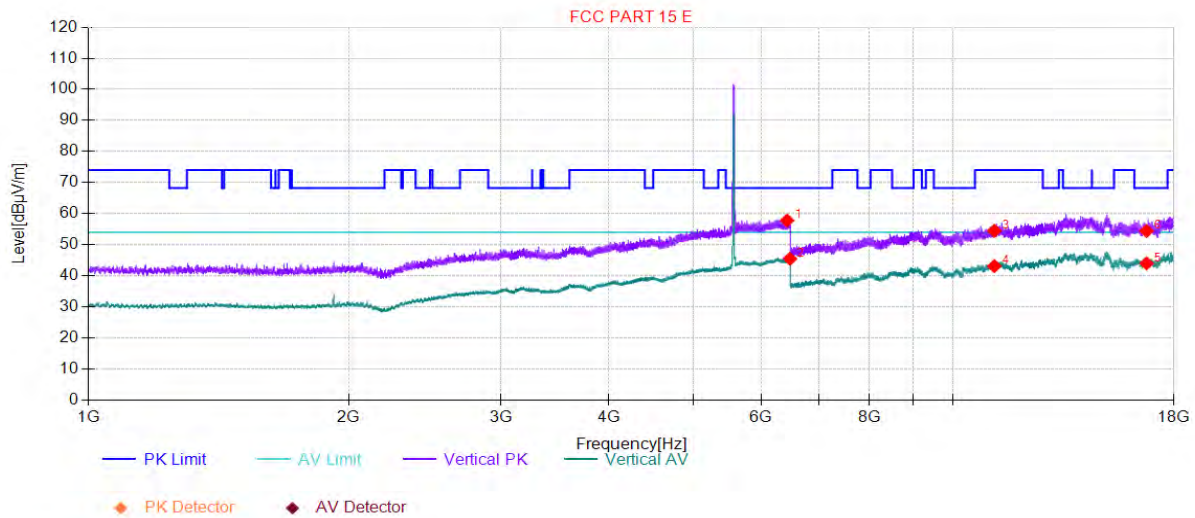
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4.9.2.16 802.11A_Channel 116 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6426.295	57.78	18.31	68.20	10.42	247	Vertical
2	6475.431	45.44	18.58	54.00	8.56	263	Vertical
3	11160.00	54.44	2.54	74.00	19.56	241	Vertical
4	11160.00	43.10	2.54	54.00	10.90	260	Vertical
5	16740.00	43.95	5.53	54.00	10.05	230	Vertical
6	16740.00	54.39	5.53	68.20	13.81	232	Vertical

Final Data List



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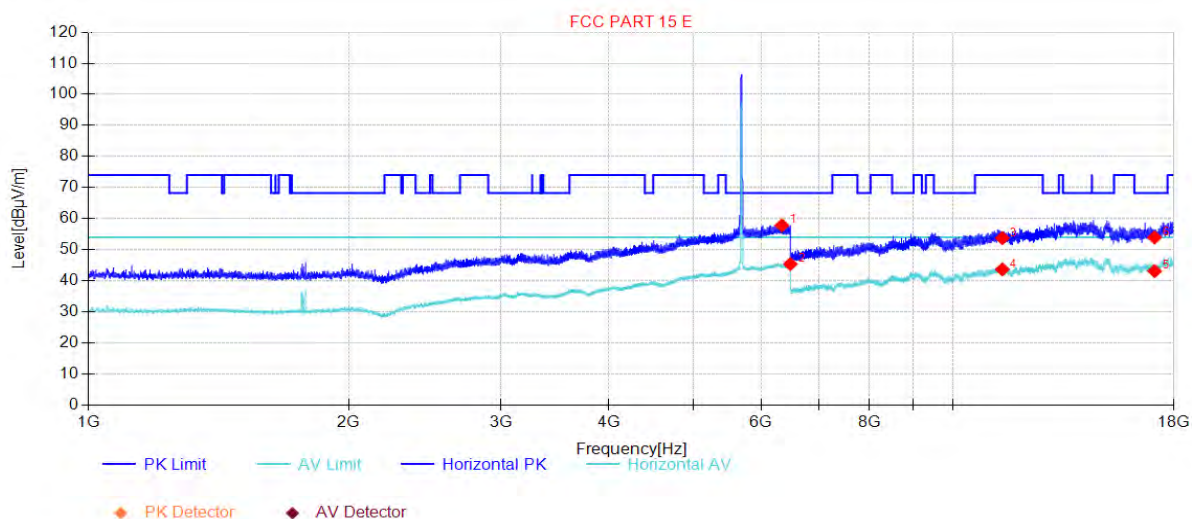
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4.9.2.17 802.11A_Channel 140 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6339.389	57.79	18.36	68.20	10.41	162	Horizontal
2	6482.398	45.34	18.62	54.00	8.66	167	Horizontal
3	11400.00	53.70	2.54	74.00	20.30	163	Horizontal
4	11400.00	43.65	2.54	54.00	10.35	178	Horizontal
5	17100.00	43.08	5.72	54.00	10.92	189	Horizontal
6	17100.00	53.92	5.72	68.20	14.28	162	Horizontal

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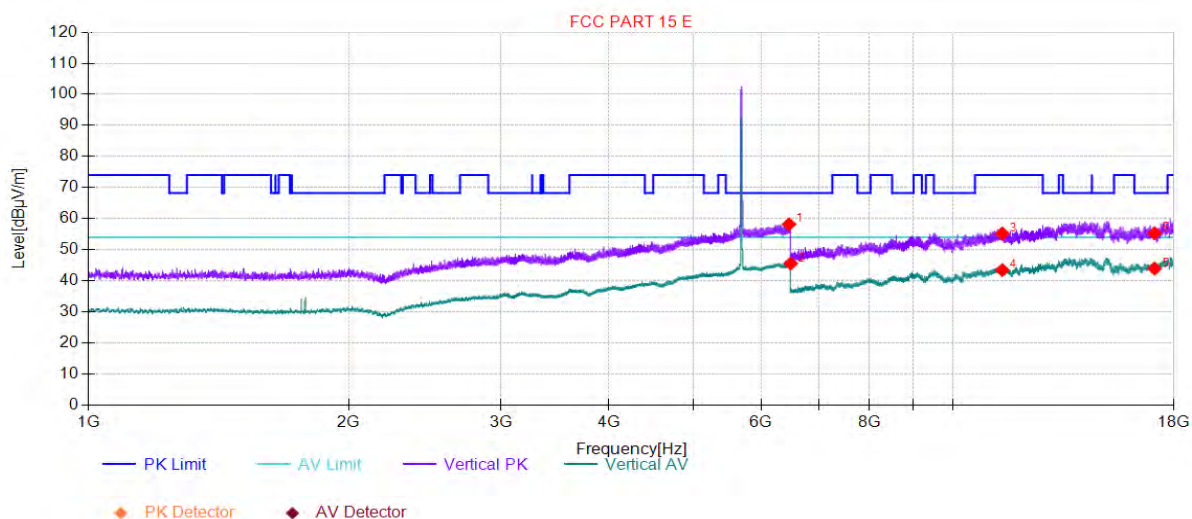
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4.9.2.18 802.11A_Channel 140 MIMO

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6459.66	58.17	18.49	68.20	10.03	258	269	Vertical
2	6489.73	45.54	18.66	54.00	8.46	264	50	Vertical
3	11400.0	55.18	2.54	74.00	18.82	285	301	Vertical
4	11400.0	43.42	2.54	54.00	10.58	253	3	Vertical
5	17100.0	43.90	5.72	54.00	10.10	255	262	Vertical
6	17100.0	55.28	5.72	68.20	12.92	236	128	Vertical

Final Data List



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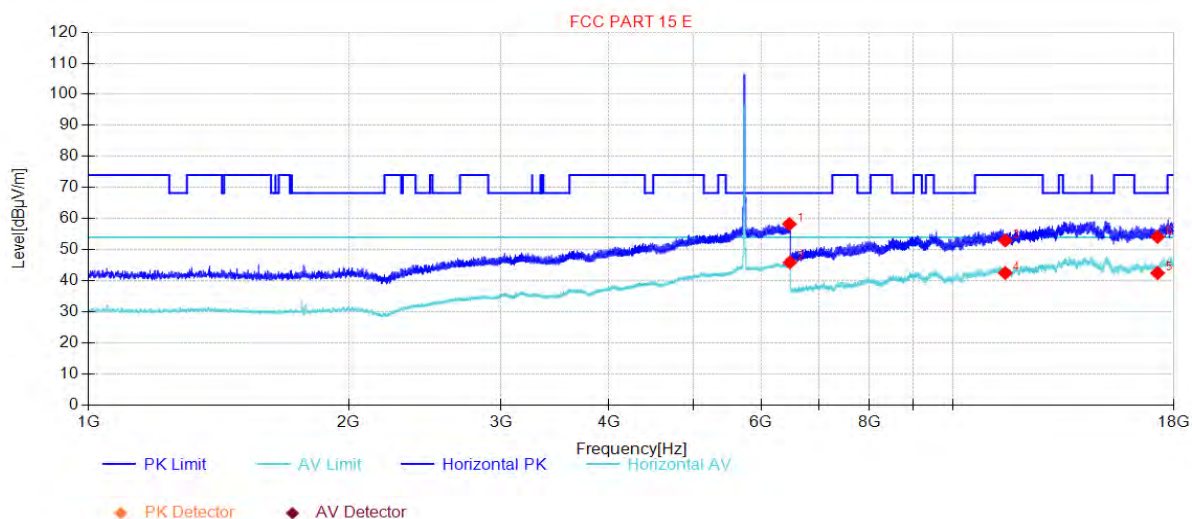
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4.9.2.19 802.11A_Channel 149 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6466.264	58.21	18.53	68.20	9.99	135	Horizontal
2	6474.698	45.88	18.57	54.00	8.12	151	Horizontal
3	11490.00	52.92	2.10	74.00	21.08	136	Horizontal
4	11490.00	42.48	2.10	54.00	11.52	148	Horizontal
5	17235.00	42.45	6.10	54.00	11.55	162	Horizontal
6	17235.00	54.11	6.10	68.20	14.09	178	Horizontal

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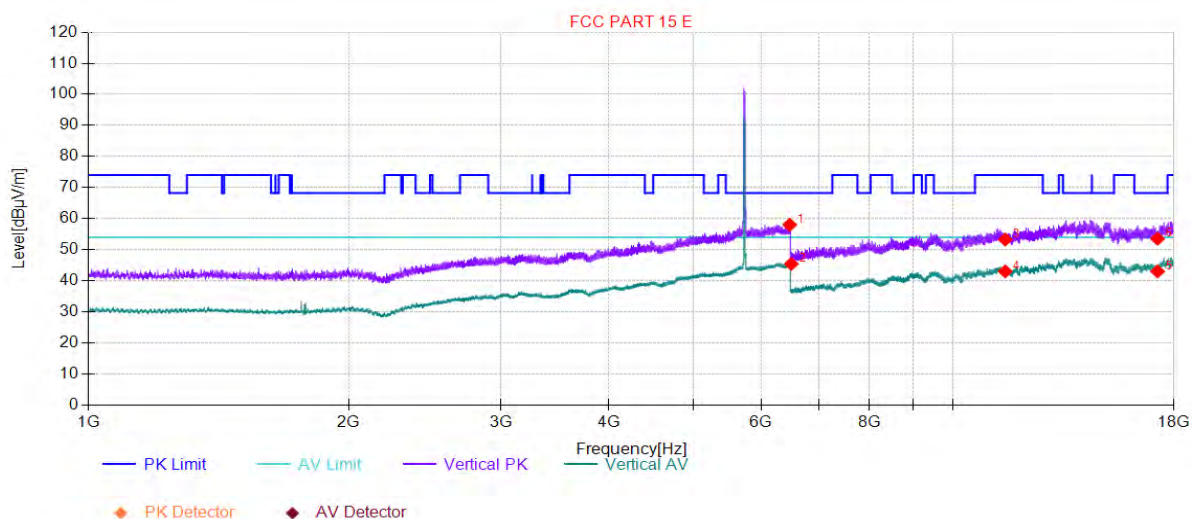
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4.9.2.20 802.11A_Channel 149 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.398	58.00	18.56	68.20	10.20	278	Vertical
2	6499.633	45.39	18.71	54.00	8.61	263	Vertical
3	11490.00	53.24	2.10	74.00	20.76	285	Vertical
4	11490.00	42.98	2.10	54.00	11.02	246	Vertical
5	17235.00	42.98	6.10	54.00	11.02	264	Vertical
6	17235.00	53.51	6.10	68.20	14.69	233	Vertical

Final Data List



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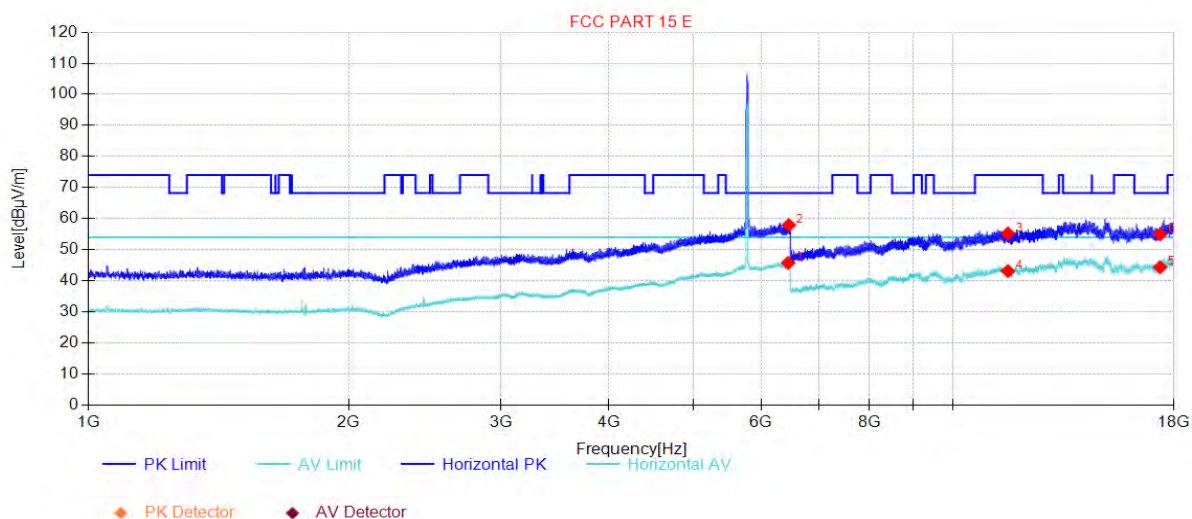
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4.9.2.21 802.11A_Channel 157 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6445.729	45.73	18.41	54.00	8.27	156	Horizontal
2	6458.197	57.88	18.48	68.20	10.32	184	Horizontal
3	11570.00	55.17	2.92	74.00	18.83	135	Horizontal
4	11570.00	43.11	2.92	54.00	10.89	189	Horizontal
5	17355.00	44.32	6.75	54.00	9.68	162	Horizontal
6	17355.00	54.90	6.75	68.20	13.30	151	Horizontal

Final Data List



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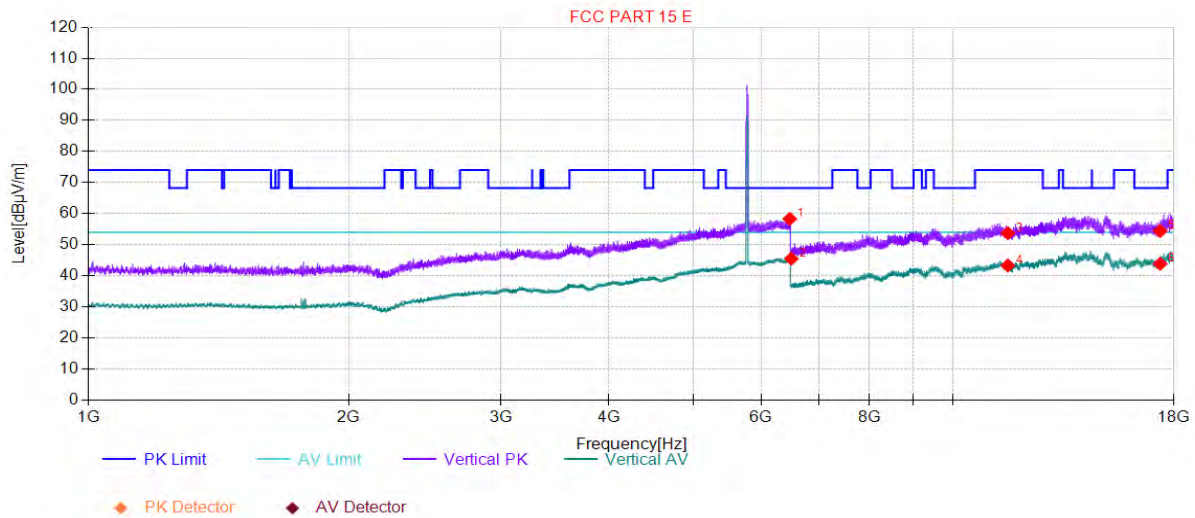
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4.9.2.22 802.11A_Channel 157 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.231	58.26	18.57	68.20	9.94	248	Vertical
2	6499.266	45.46	18.71	54.00	8.54	263	Vertical
3	11570.00	53.69	2.92	74.00	20.31	287	Vertical
4	11570.00	43.28	2.92	54.00	10.72	264	Vertical
5	17355.00	54.38	6.75	68.20	13.82	263	Vertical
6	17355.00	43.82	6.75	54.00	10.18	287	Vertical

Final Data List



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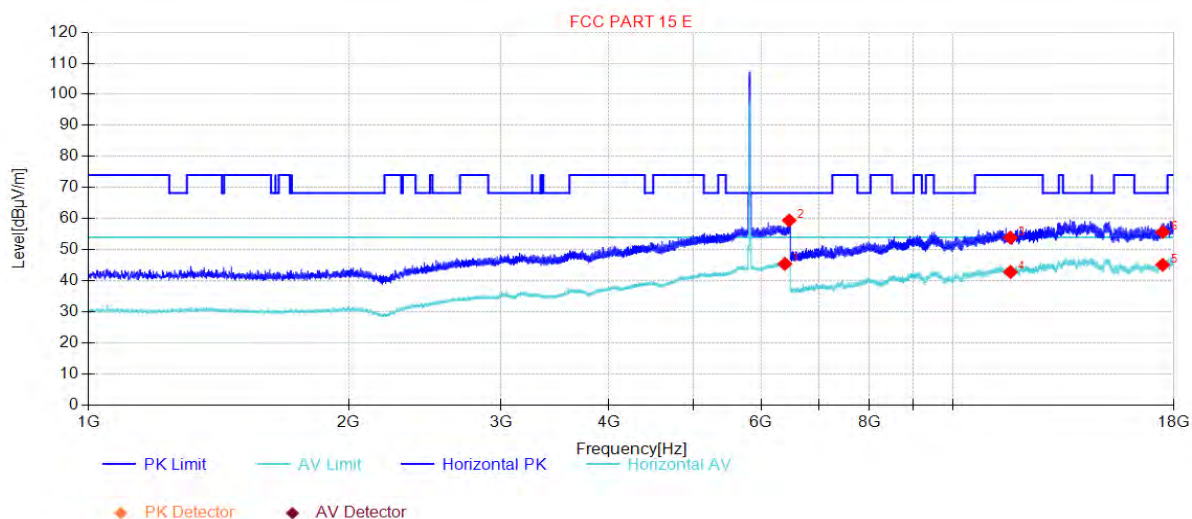
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4.9.2.23 802.11A_Channel 165 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6388.525	45.41	18.20	54.00	8.59	135	Horizontal
2	6463.330	59.40	18.51	68.20	8.80	145	Horizontal
3	11650.00	53.87	2.58	74.00	20.13	161	Horizontal
4	11650.00	42.79	2.58	54.00	11.21	178	Horizontal
5	17475.00	45.12	7.42	54.00	8.88	177	Horizontal
6	17475.00	55.65	7.42	68.20	12.55	191	Horizontal

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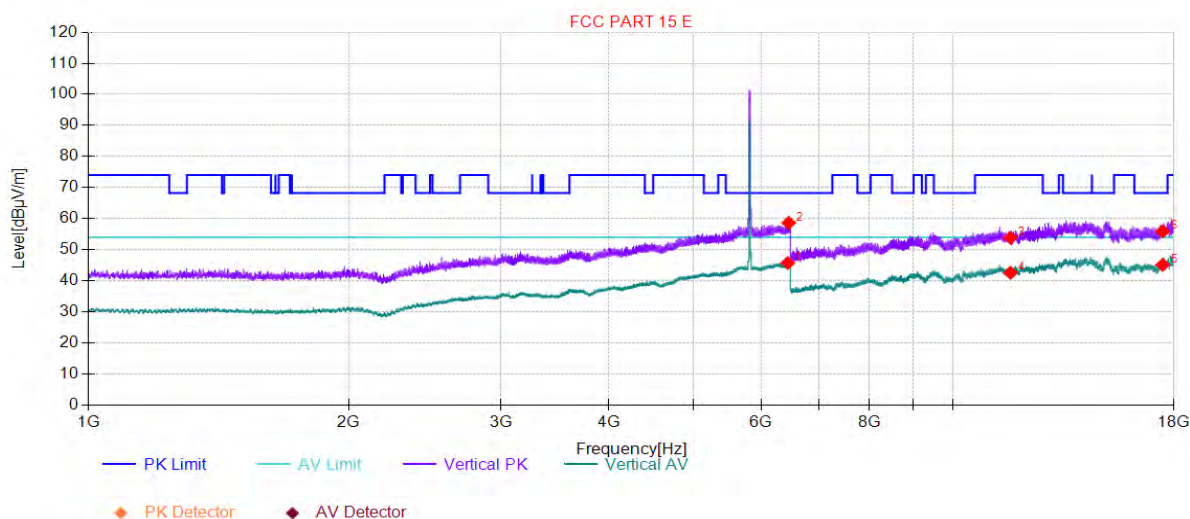
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4.9.2.24 802.11A_Channel 165 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6439.496	45.72	18.38	54.00	8.28	246	Vertical
2	6454.163	58.61	18.46	68.20	9.59	263	Vertical
3	11650.00	53.85	2.58	74.00	20.15	278	Vertical
4	11650.00	42.55	2.58	54.00	11.45	261	Vertical
5	17475.00	45.12	7.42	54.00	8.88	205	Vertical
6	17475.00	55.90	7.42	68.20	12.30	210	Vertical

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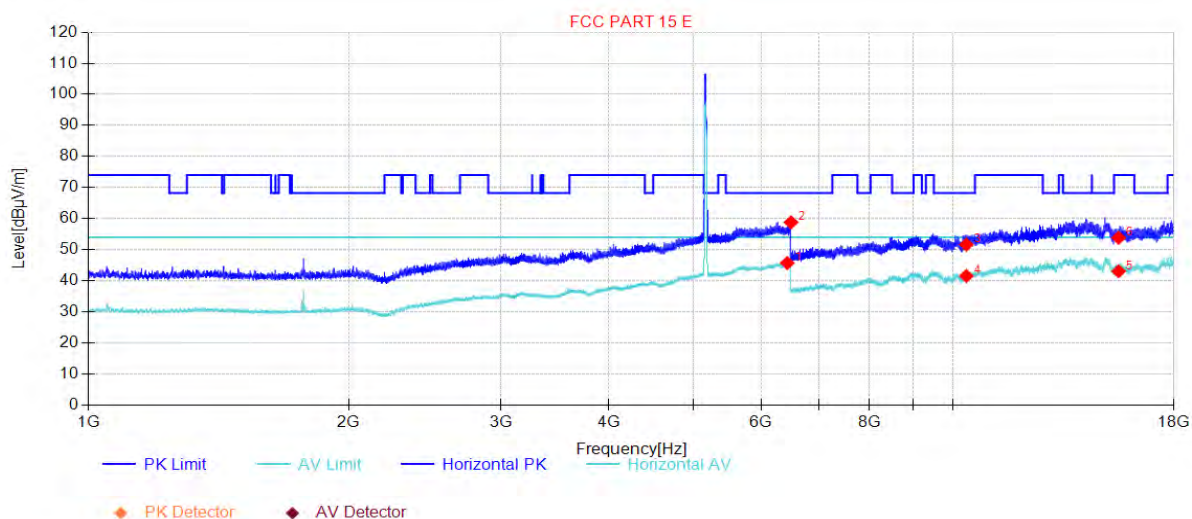
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4.9.2.25 802.11N20_Channel 36 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6429.228	45.69	18.32	54.00	8.31	135	Horizontal
2	6494.866	58.79	18.69	68.20	9.41	161	Horizontal
3	10360.00	51.60	2.38	68.20	16.60	150	Horizontal
4	10360.00	41.52	2.38	54.00	12.48	138	Horizontal
5	15540.00	43.03	5.88	54.00	10.97	162	Horizontal
6	15540.00	53.82	5.88	74.00	20.18	178	Horizontal

Final Data List

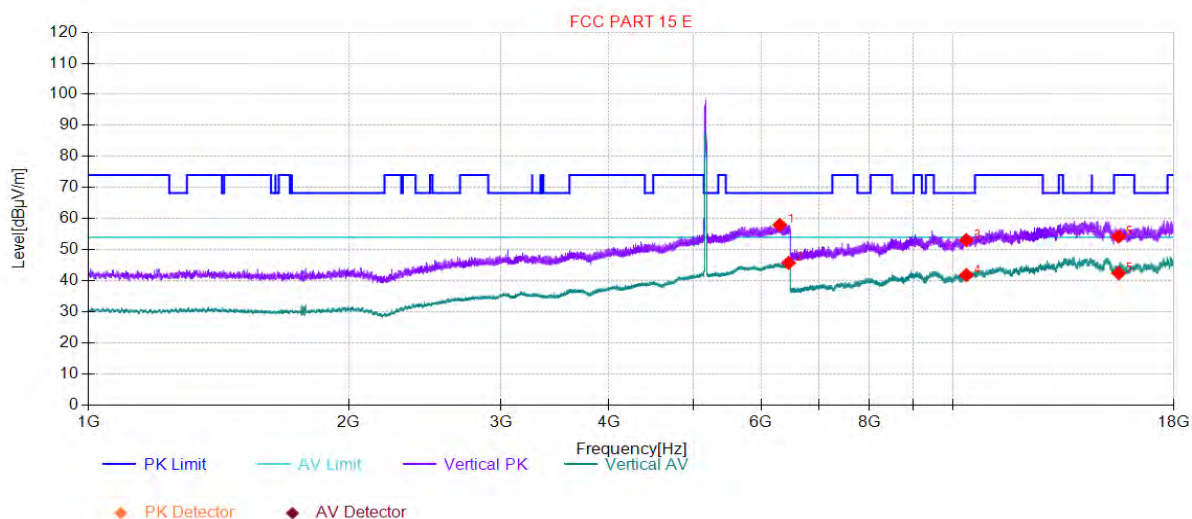


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4.9.2.26 802.11N20_Channel 36 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6302.720	57.98	18.48	68.20	10.22	274	Vertical
2	6451.963	45.71	18.45	54.00	8.29	265	Vertical
3	10360.00	53.04	2.38	68.20	15.16	284	Vertical
4	10360.00	41.78	2.38	54.00	12.22	262	Vertical
5	15540.00	42.38	5.88	54.00	11.62	235	Vertical
6	15540.00	54.17	5.88	74.00	19.83	241	Vertical

Final Data List



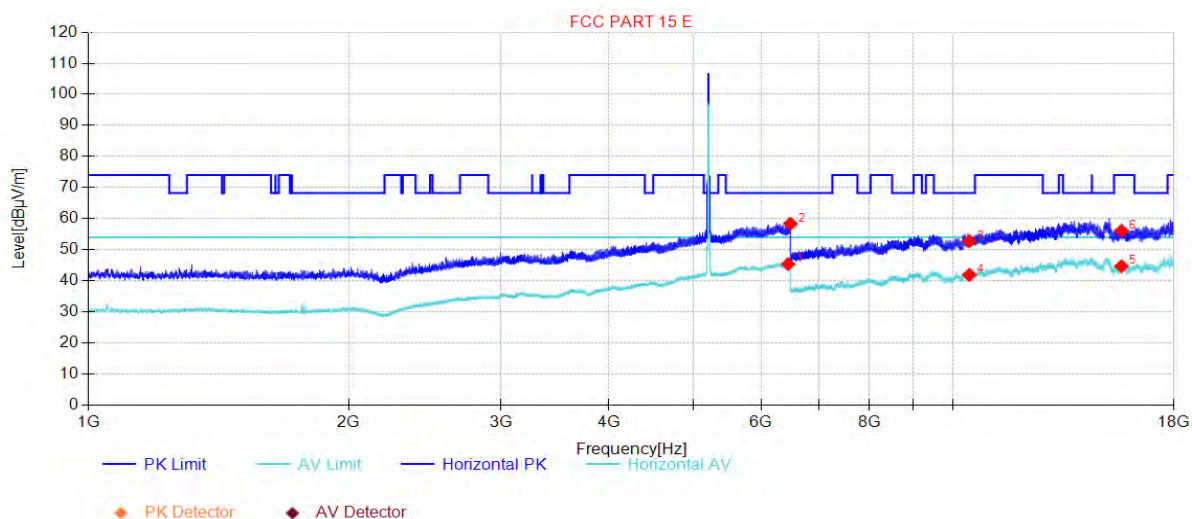
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4.9.2.27 802.11N20_Channel 44 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6443.529	45.33	18.40	54.00	8.67	274	Horizontal
2	6483.865	58.33	18.63	68.20	9.87	264	Horizontal
3	10440.00	52.71	2.46	68.20	15.49	260	Horizontal
4	10440.00	41.87	2.46	54.00	12.13	241	Horizontal
5	15660.00	44.66	6.12	54.00	9.34	278	Horizontal
6	15660.00	56.07	6.12	74.00	17.93	274	Horizontal

Final Data List



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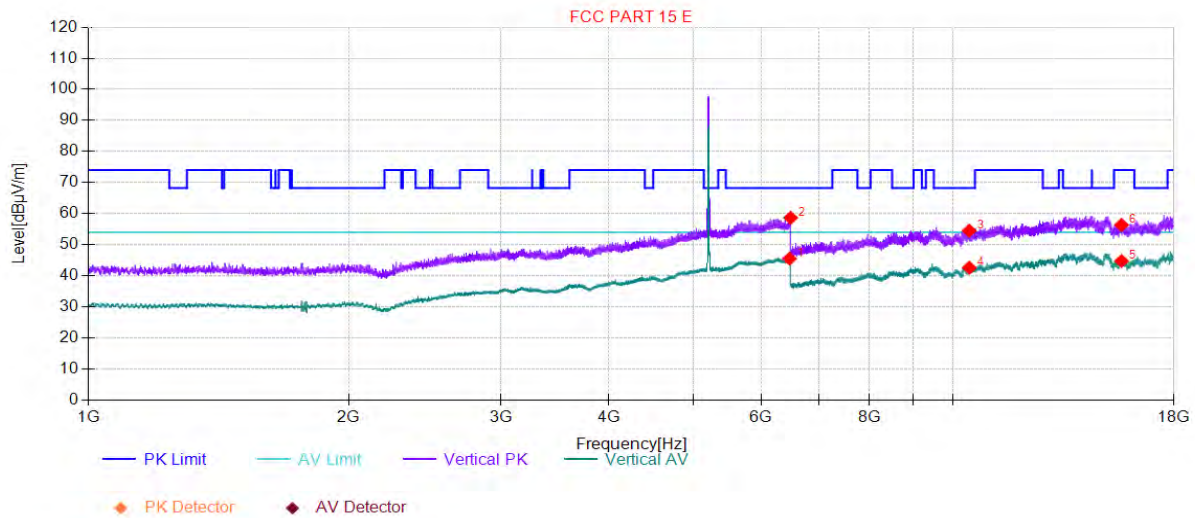
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4.9.2.28 802.11N20_Channel 44 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6468.464	45.48	18.54	54.00	8.52	241	Vertical
2	6487.899	58.63	18.65	68.20	9.57	278	Vertical
3	10440.00	54.49	2.46	68.20	13.71	263	Vertical
4	10440.00	42.57	2.46	54.00	11.43	294	Vertical
5	15660.00	44.72	6.12	54.00	9.28	236	Vertical
6	15660.00	56.33	6.12	74.00	17.67	241	Vertical

Final Data List



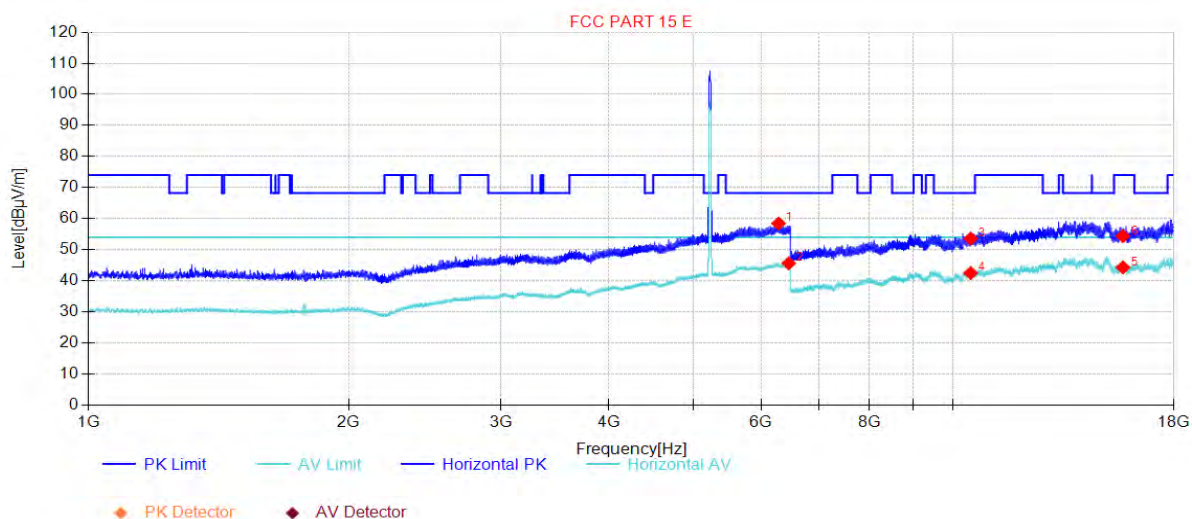
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4.9.2.29 802.11N20_Channel 48 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6282.552	58.41	18.40	68.20	9.79	165	Horizontal
2	6454.163	45.59	18.46	54.00	8.41	132	Horizontal
3	10480.00	53.57	2.49	68.20	14.63	174	Horizontal
4	10480.00	42.46	2.49	54.00	11.54	169	Horizontal
5	15720.00	44.26	5.92	54.00	9.74	185	Horizontal
6	15720.00	54.33	5.92	74.00	19.67	156	Horizontal

Final Data List



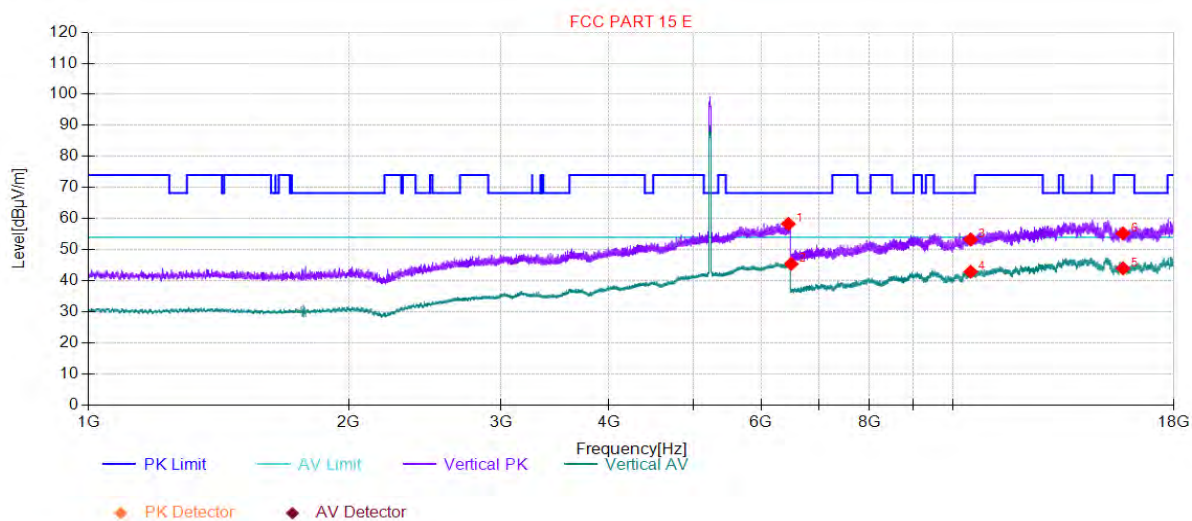
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4.9.2.30 802.11N20_Channel 48 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6447.196	58.29	18.42	68.20	9.91	165	Vertical
2	6498.166	45.38	18.70	54.00	8.62	152	Vertical
3	10480.00	53.26	2.49	68.20	14.94	132	Vertical
4	10480.00	42.89	2.49	54.00	11.11	169	Vertical
5	15720.00	43.96	5.92	54.00	10.04	148	Vertical
6	15720.00	55.22	5.92	74.00	18.78	196	Vertical

Final Data List

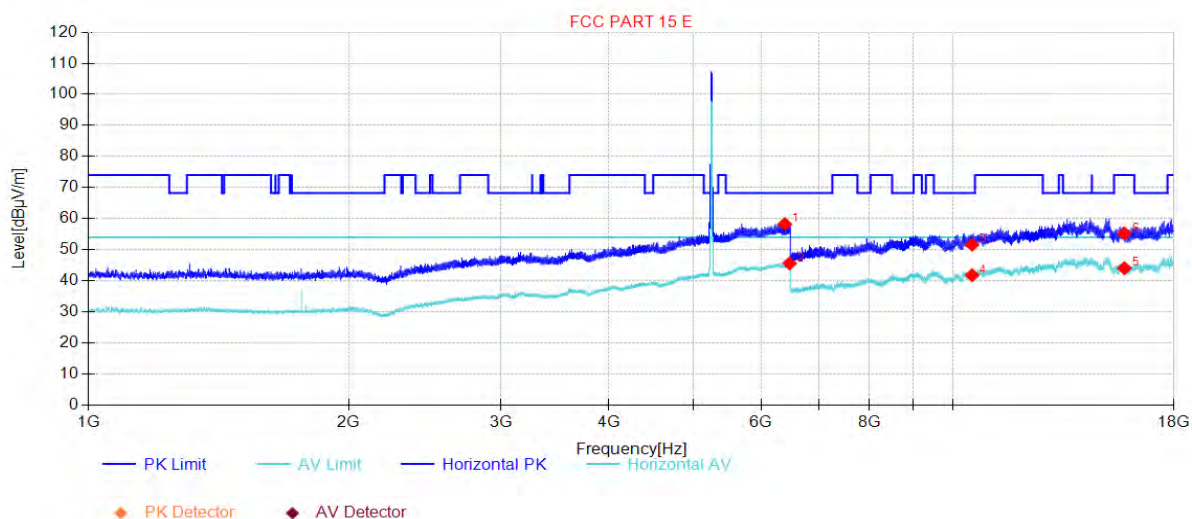


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4.9.2.31 802.11N20_Channel 52 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6387.059	58.23	18.20	68.20	9.97	152	Horizontal
2	6469.197	45.55	18.54	54.00	8.45	135	Horizontal
3	10520.00	51.60	2.45	68.20	16.60	169	Horizontal
4	10520.00	41.75	2.45	54.00	12.25	150	Horizontal
5	15780.00	44.02	5.30	54.00	9.98	184	Horizontal
6	15780.00	55.20	5.30	74.00	18.80	125	Horizontal

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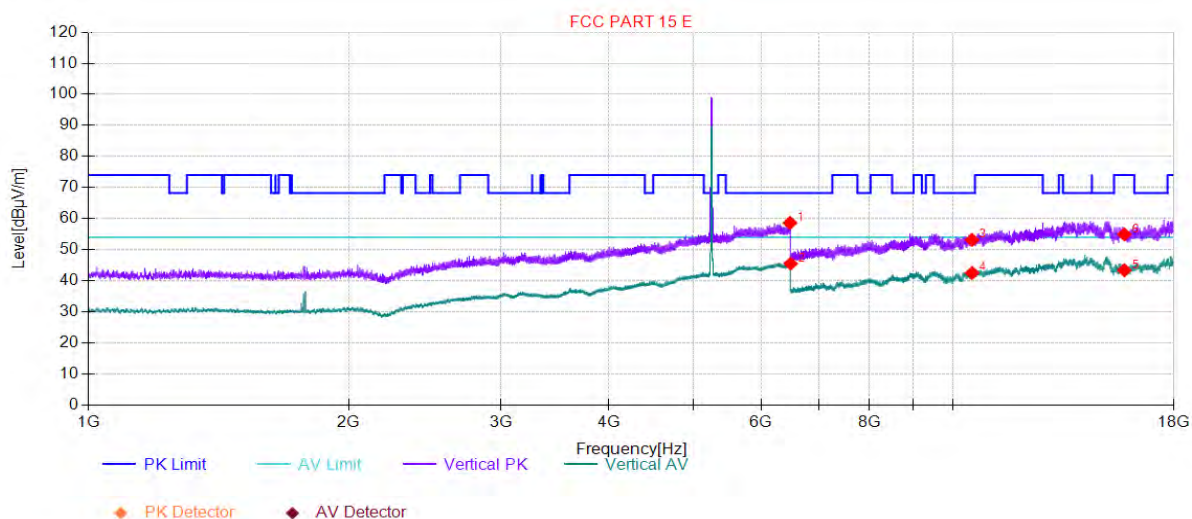
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4.9.2.32 802.11N20_Channel 52 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6477.265	58.60	18.59	68.20	9.60	248	Vertical
2	6487.899	45.50	18.65	54.00	8.50	263	Vertical
3	10520.00	53.13	2.45	68.20	15.07	287	Vertical
4	10520.00	42.50	2.45	54.00	11.50	263	Vertical
5	15780.00	43.36	5.30	54.00	10.64	248	Vertical
6	15780.00	54.90	5.30	74.00	19.10	247	Vertical

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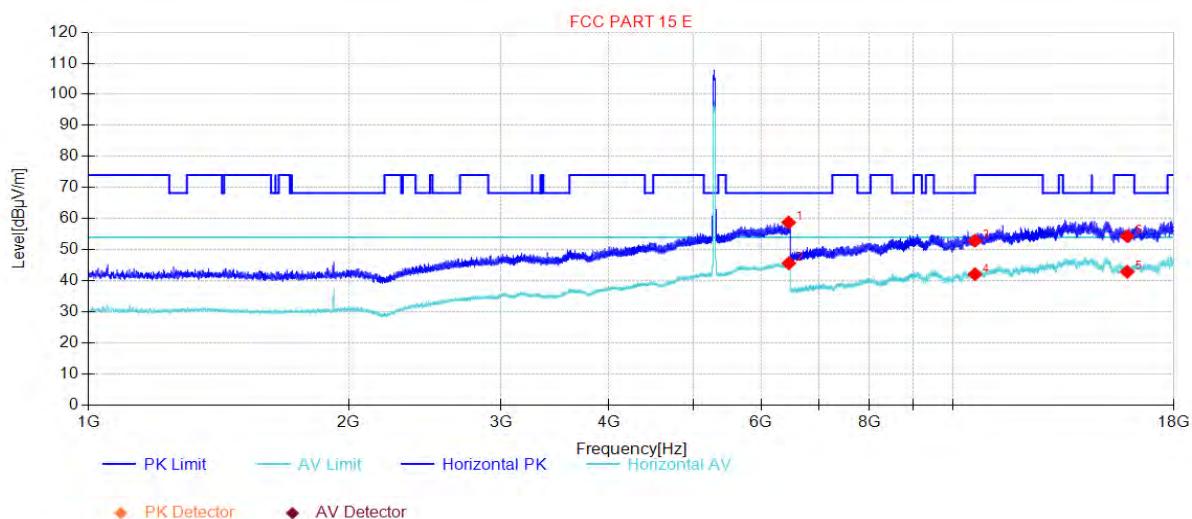
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4.9.2.33 802.11N20_Channel 60 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6453.430	58.75	18.46	68.20	9.45	278	Horizontal
2	6457.830	45.61	18.48	54.00	8.39	269	Horizontal
3	10600.00	52.84	2.23	74.00	21.16	285	Horizontal
4	10600.00	42.06	2.23	54.00	11.94	249	Horizontal
5	15900.00	42.84	5.29	54.00	11.16	263	Horizontal
6	15900.00	54.35	5.29	74.00	19.65	278	Horizontal

Final Data List



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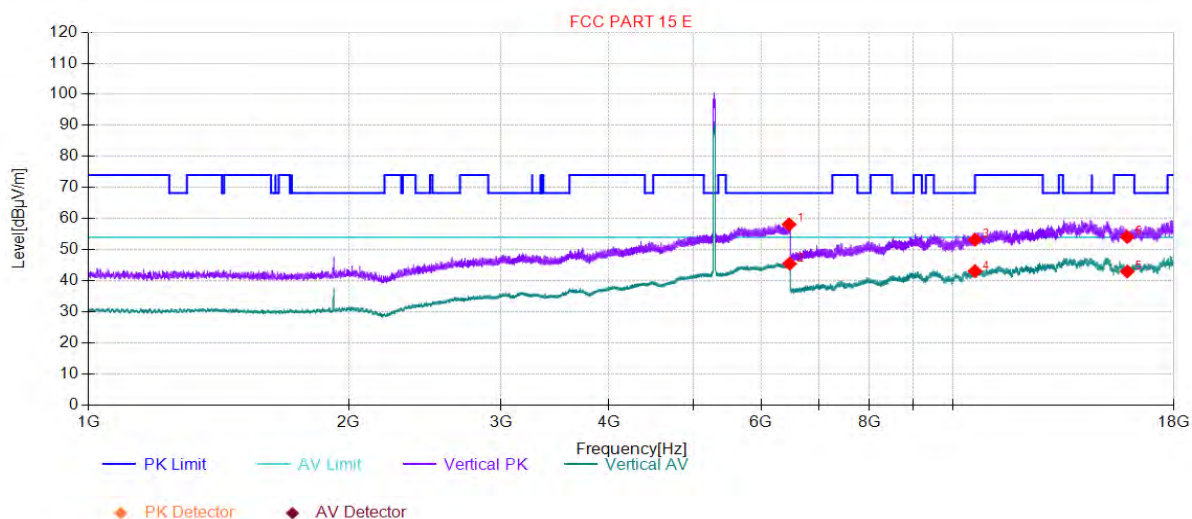
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4.9.2.34 802.11N20_Channel 60 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6462.964	58.11	18.51	68.20	10.09	248	Vertical
2	6469.197	45.48	18.54	54.00	8.52	289	Vertical
3	10600.00	53.17	2.23	74.00	20.83	263	Vertical
4	10600.00	43.05	2.23	54.00	10.95	278	Vertical
5	15900.00	42.95	5.29	54.00	11.05	285	Vertical
6	15900.00	54.08	5.29	74.00	19.92	263	Vertical

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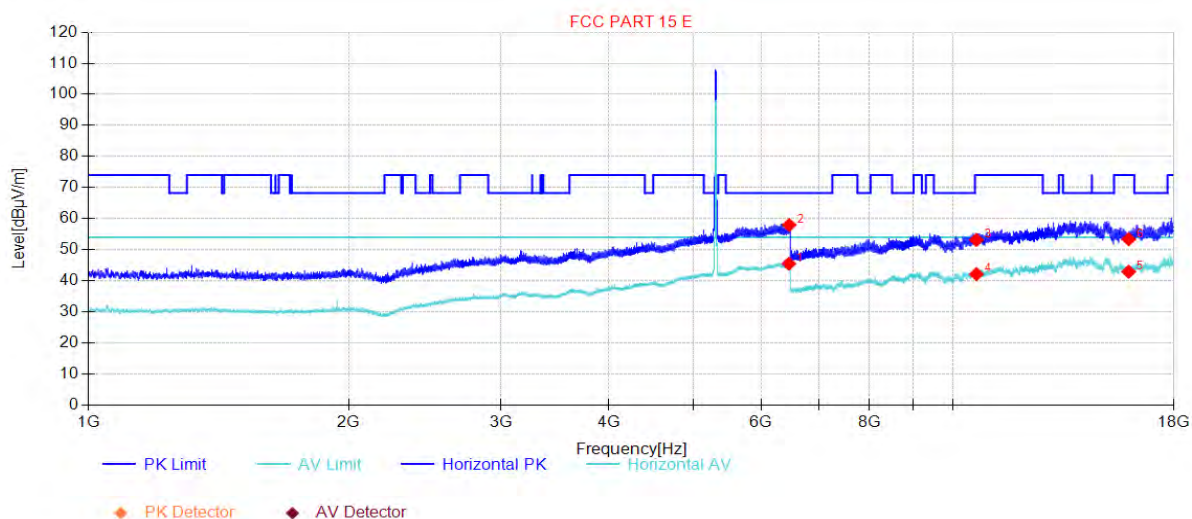
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4.9.2.35 802.11N20_Channel 64 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	45.45	18.47	54.00	8.55	162	Horizontal
2	6461.864	57.92	18.50	68.20	10.28	178	Horizontal
3	10640.00	53.12	2.22	74.00	20.88	162	Horizontal
4	10640.00	42.12	2.22	54.00	11.88	135	Horizontal
5	15960.00	42.88	5.01	54.00	11.12	187	Horizontal
6	15960.00	53.34	5.01	74.00	20.66	194	Horizontal

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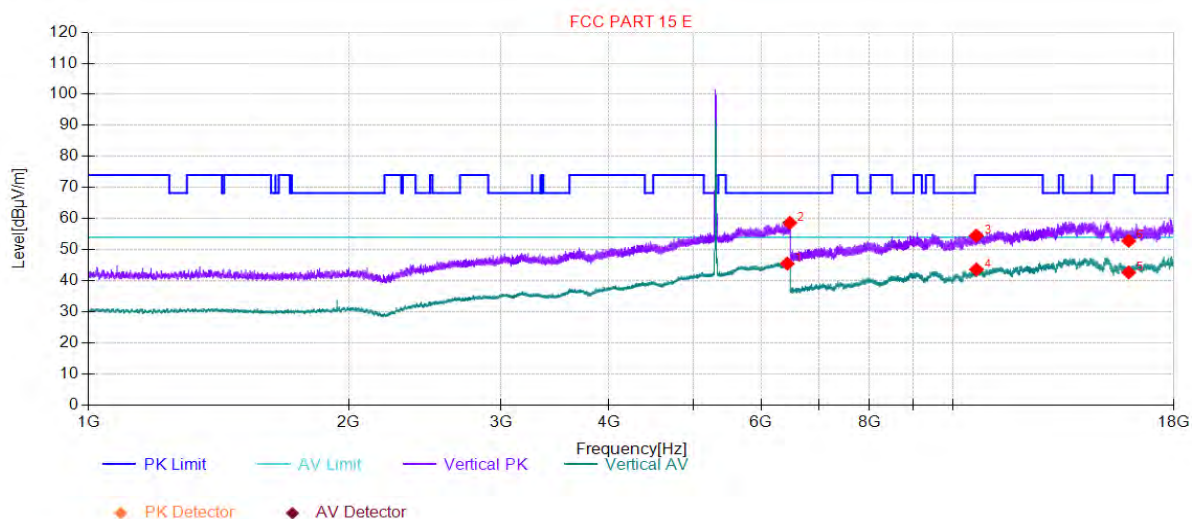
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4.9.2.36 802.11N20_Channel 64 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6430.328	45.49	18.33	54.00	8.51	278	Vertical
2	6473.231	58.62	18.57	68.20	9.58	268	Vertical
3	10640.00	54.51	2.22	74.00	19.49	247	Vertical
4	10640.00	43.61	2.22	54.00	10.39	263	Vertical
5	15960.00	42.65	5.01	54.00	11.35	241	Vertical
6	15960.00	52.80	5.01	74.00	21.20	249	Vertical

Final Data List



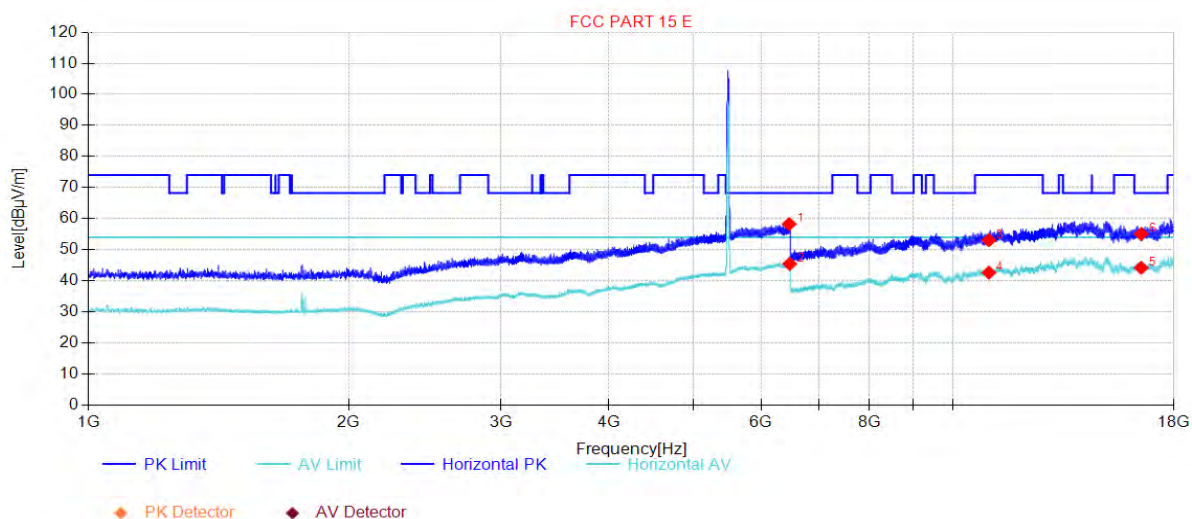
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4.9.2.37 802.11N20_Channel 100 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6461.864	58.22	18.50	68.20	9.98	162	Horizontal
2	6470.664	45.39	18.55	54.00	8.61	138	Horizontal
3	11000.00	53.02	2.74	74.00	20.98	150	Horizontal
4	11000.00	42.59	2.74	54.00	11.41	162	Horizontal
5	16500.00	44.16	5.09	54.00	9.84	154	Horizontal
6	16500.00	55.02	5.09	68.20	13.18	162	Horizontal

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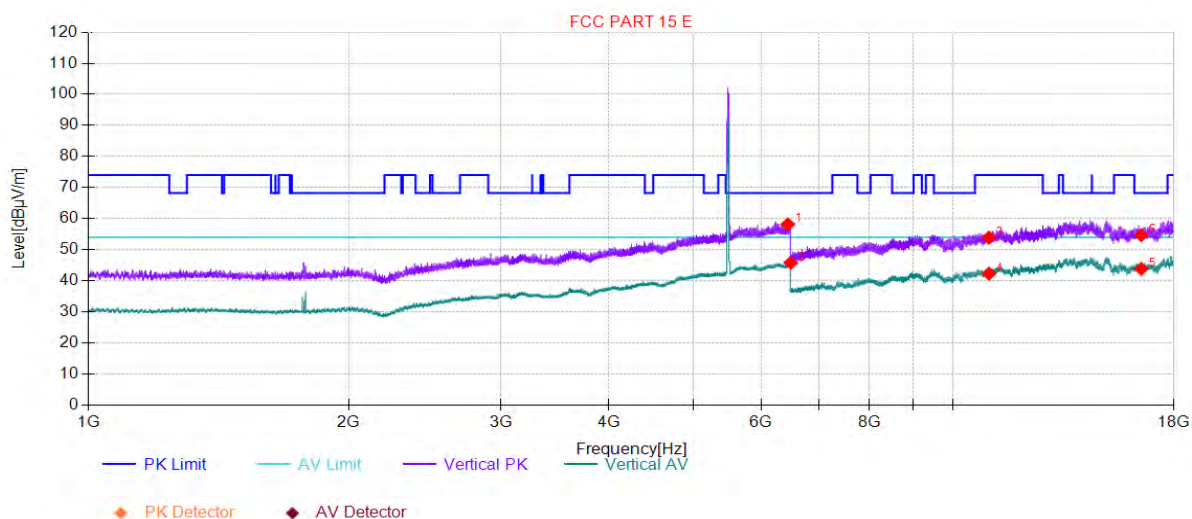
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4.9.2.38 802.11N20_Channel 100 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6439.496	58.14	18.38	68.20	10.06	245	Vertical
2	6490.832	45.77	18.66	54.00	8.23	265	Vertical
3	11000.00	53.88	2.74	74.00	20.12	284	Vertical
4	11000.00	42.29	2.74	54.00	11.71	263	Vertical
5	16500.00	43.82	5.09	54.00	10.18	241	Vertical
6	16500.00	54.65	5.09	68.20	13.55	287	Vertical

Final Data List



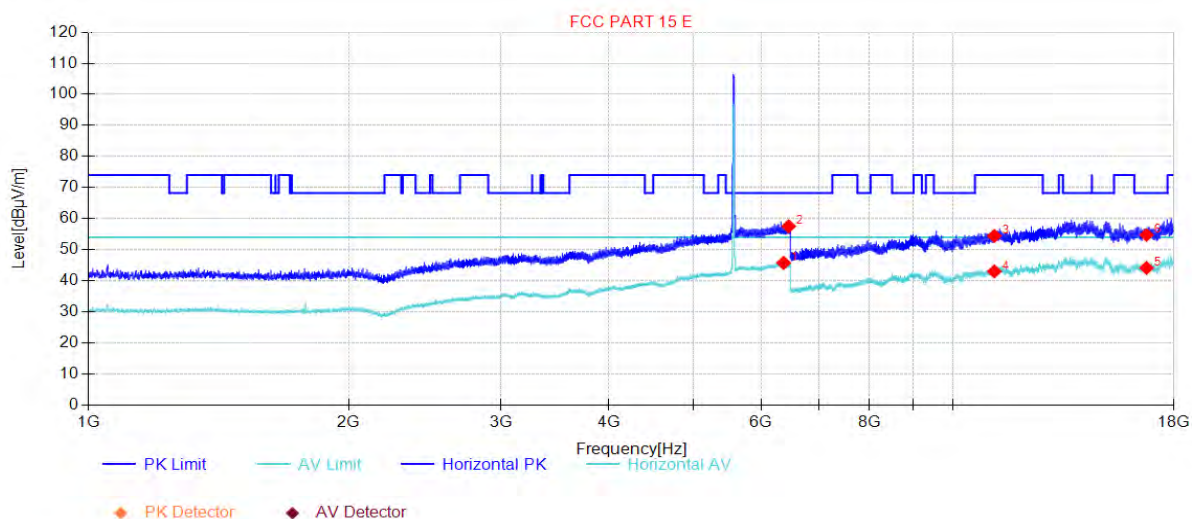
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4.9.2.39 802.11N20_Channel 116 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6368.357	45.74	18.26	54.00	8.26	136	Horizontal
2	6452.696	57.52	18.45	68.20	10.68	137	Horizontal
3	11160.00	54.42	2.54	74.00	19.58	161	Horizontal
4	11160.00	42.97	2.54	54.00	11.03	152	Horizontal
5	16740.00	44.09	5.53	54.00	9.91	154	Horizontal
6	16740.00	54.72	5.53	68.20	13.48	156	Horizontal

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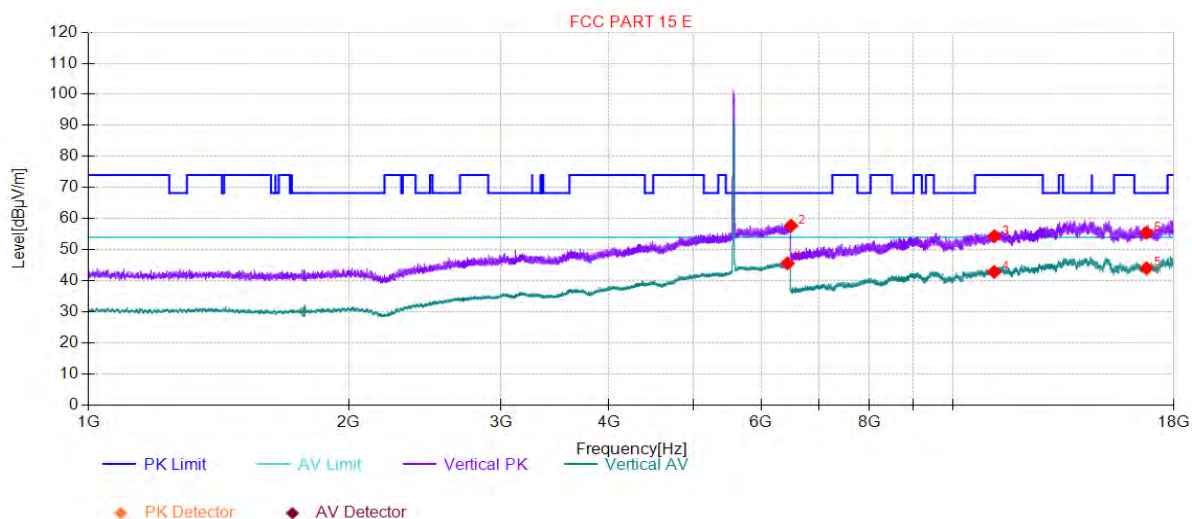
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4.9.2.40 802.11N20_Channel 116 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.628	45.57	18.35	54.00	8.43	278	Vertical
2	6495.233	57.71	18.69	68.20	10.49	266	Vertical
3	11160.00	54.29	2.54	74.00	19.71	248	Vertical
4	11160.00	42.84	2.54	54.00	11.16	265	Vertical
5	16740.00	44.02	5.53	54.00	9.98	235	Vertical
6	16740.00	55.43	5.53	68.20	12.77	278	Vertical

Final Data List



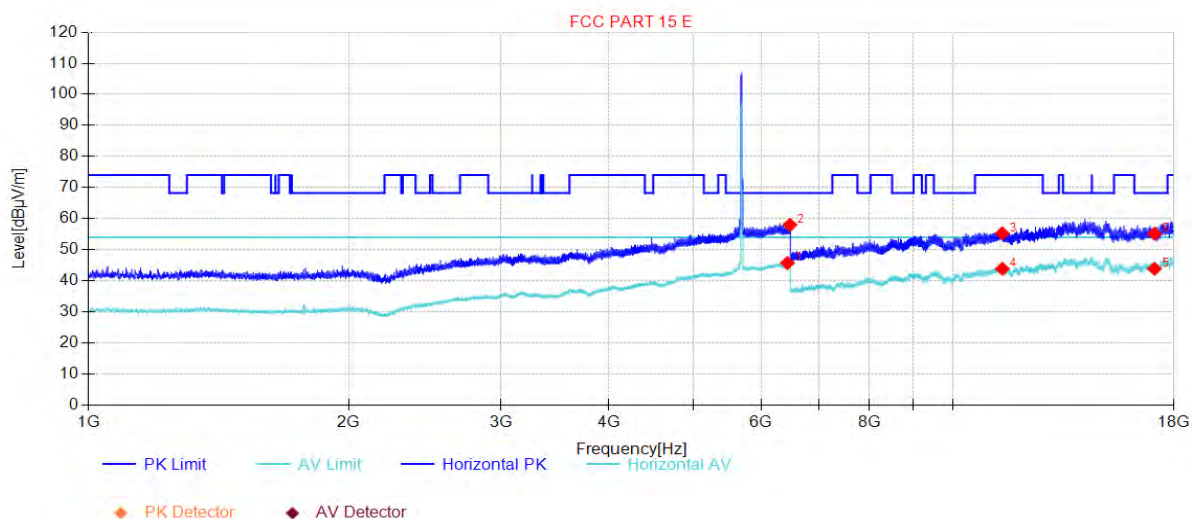
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4.9.2.41 802.11N20_Channel 140 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6431.428	45.68	18.33	54.00	8.32	165	Horizontal
2	6475.798	57.98	18.58	68.20	10.22	168	Horizontal
3	11400.00	55.22	2.54	74.00	18.78	187	Horizontal
4	11400.00	43.82	2.54	54.00	10.18	191	Horizontal
5	17100.00	43.83	5.72	54.00	10.17	135	Horizontal
6	17100.00	55.14	5.72	68.20	13.06	148	Horizontal

Final Data List



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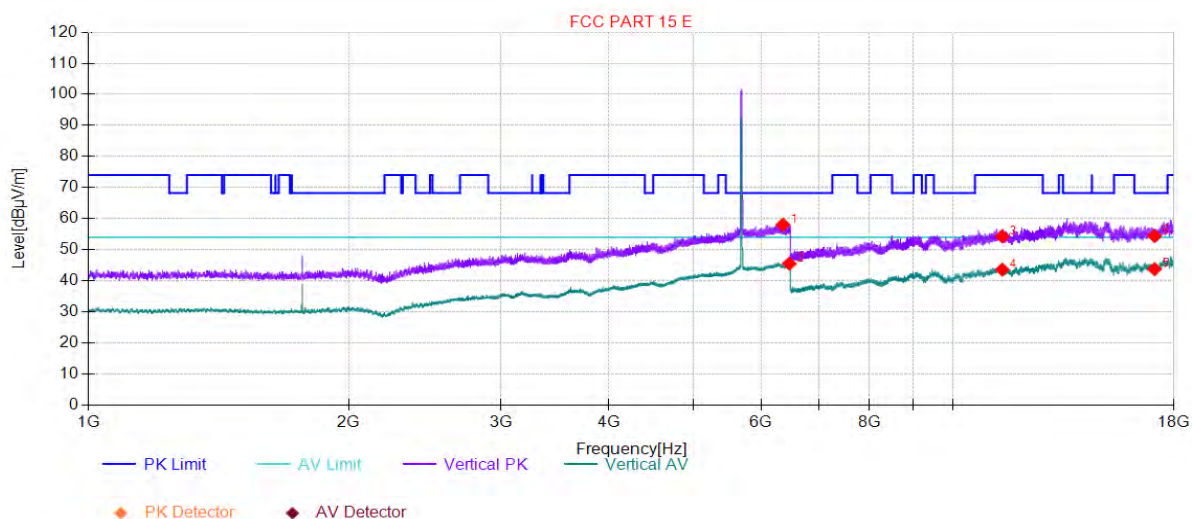
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4.9.2.42 802.11N20_Channel 140 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6357.357	58.03	18.30	68.20	10.17	274	Vertical
2	6465.164	45.48	18.52	54.00	8.52	265	Vertical
3	11400.00	54.26	2.54	74.00	19.74	298	Vertical
4	11400.00	43.55	2.54	54.00	10.45	284	Vertical
5	17100.00	43.72	5.72	54.00	10.28	235	Vertical
6	17100.00	54.38	5.72	68.20	13.82	248	Vertical

Final Data List



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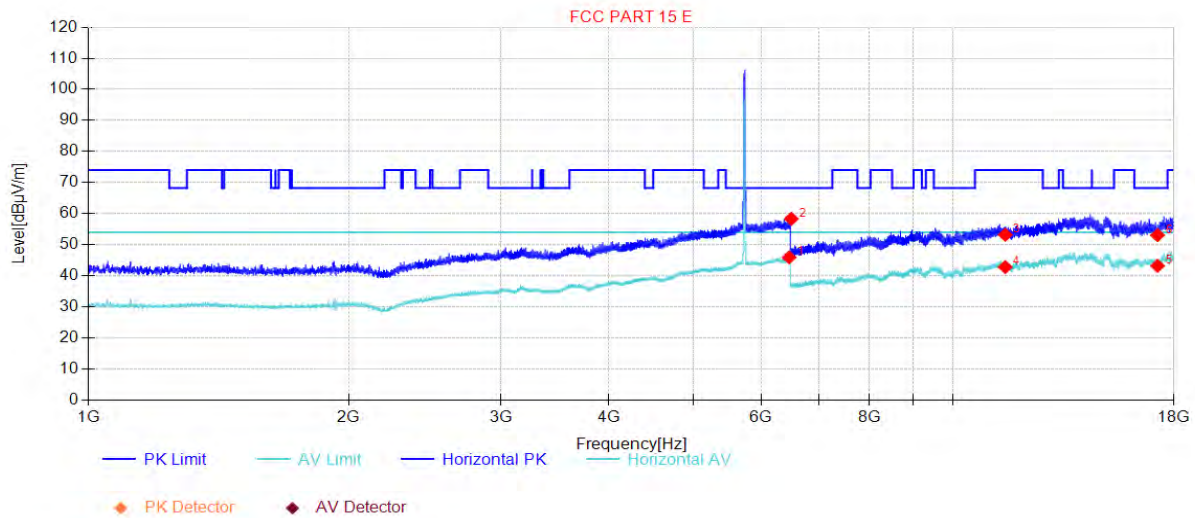
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4.9.2.43 802.11N20_Channel 149 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6460.764	45.90	18.50	54.00	8.10	157	Horizontal
2	6498.899	58.32	18.71	68.20	9.88	163	Horizontal
3	11490.00	53.15	2.10	74.00	20.85	147	Horizontal
4	11490.00	42.76	2.10	54.00	11.24	132	Horizontal
5	17235.00	43.18	6.10	54.00	10.82	178	Horizontal
6	17235.00	53.04	6.10	68.20	15.16	162	Horizontal

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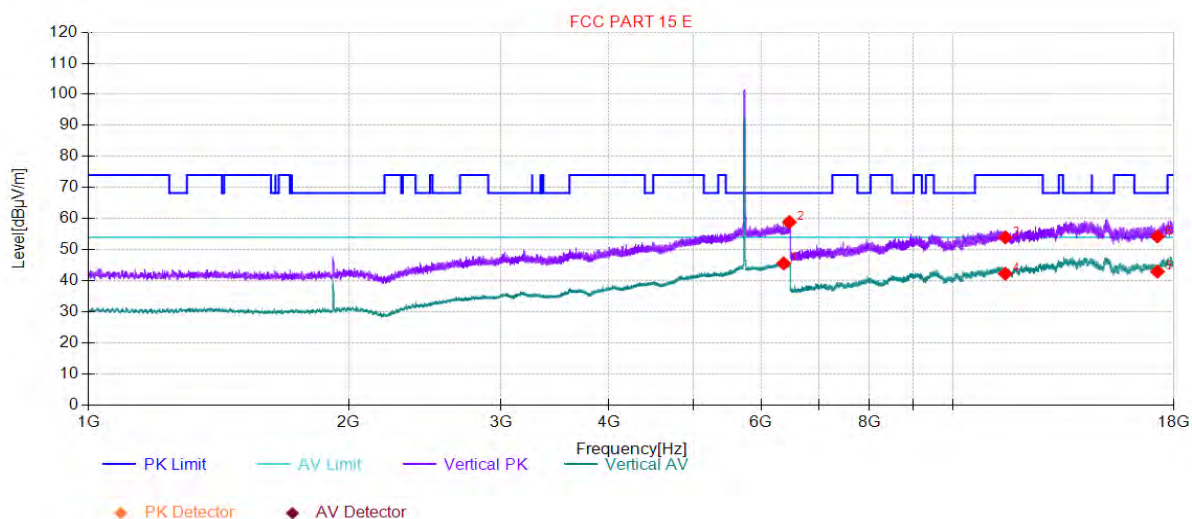
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4.9.2.44 802.11N20_Channel 149 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6369.091	45.57	18.26	54.00	8.43	278	Vertical
2	6465.164	58.87	18.52	68.20	9.33	262	Vertical
3	11490.00	53.95	2.10	74.00	20.05	248	Vertical
4	11490.00	42.25	2.10	54.00	11.75	263	Vertical
5	17235.00	42.90	6.10	54.00	11.10	284	Vertical
6	17235.00	54.24	6.10	68.20	13.96	253	Vertical

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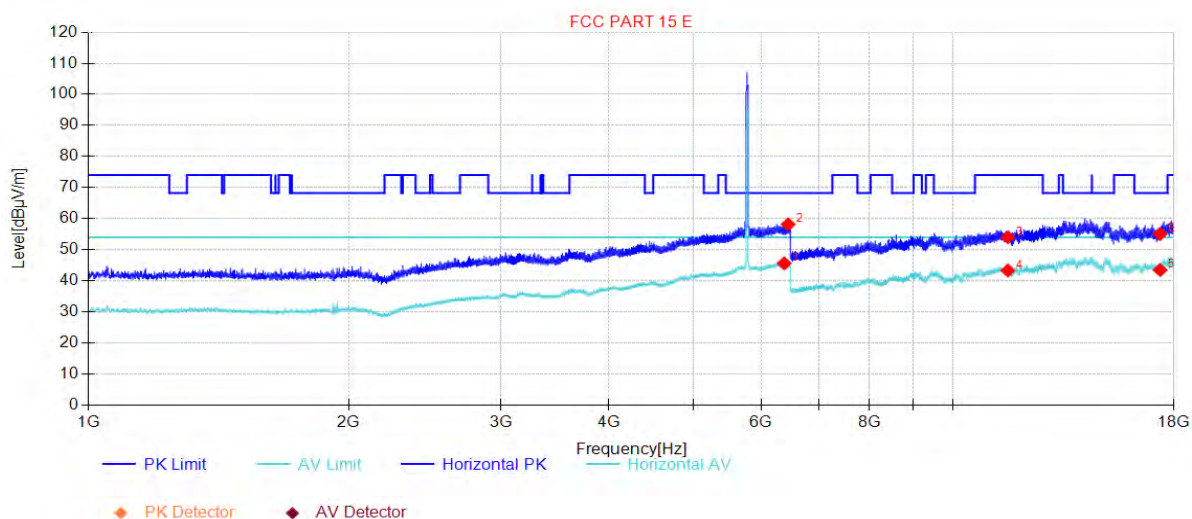
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4.9.2.45 802.11N20_Channel 157 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6378.991	45.57	18.23	54.00	8.43	178	Horizontal
2	6444.996	58.13	18.41	68.20	10.07	164	Horizontal
3	11570.00	53.97	2.92	74.00	20.03	148	Horizontal
4	11570.00	43.28	2.92	54.00	10.72	151	Horizontal
5	17355.00	43.46	6.75	54.00	10.54	135	Horizontal
6	17355.00	55.02	6.75	68.20	13.18	189	Horizontal

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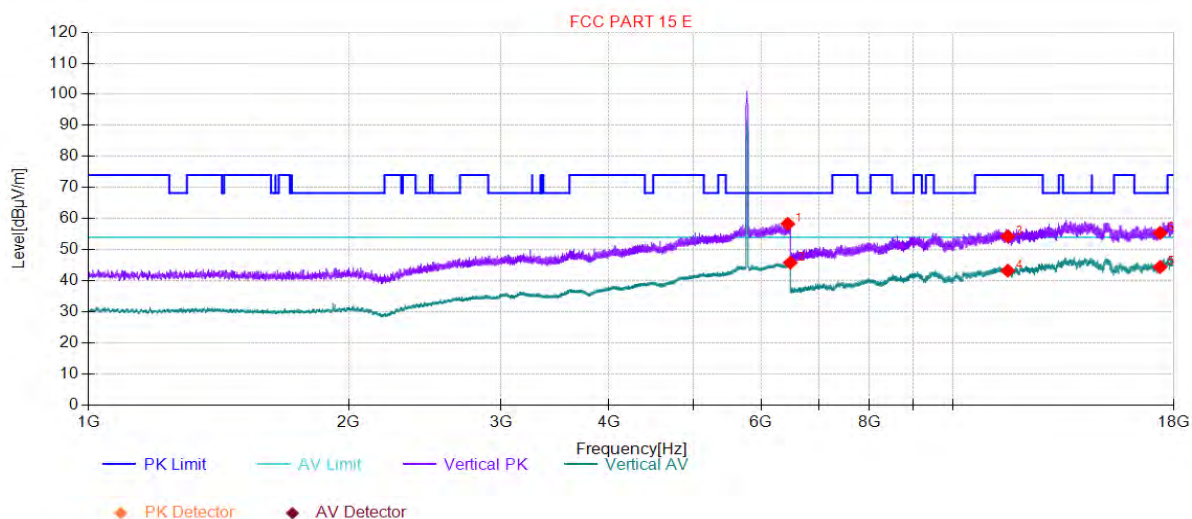
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4.9.2.46 802.11N20_Channel 157 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6440.229	58.31	18.38	68.20	9.89	274	Vertical
2	6482.765	45.80	18.62	54.00	8.20	268	Vertical
3	11570.00	54.27	2.92	74.00	19.73	289	Vertical
4	11570.00	43.24	2.92	54.00	10.76	254	Vertical
5	17355.00	44.41	6.75	54.00	9.59	263	Vertical
6	17355.00	55.37	6.75	68.20	12.83	244	Vertical

Final Data List



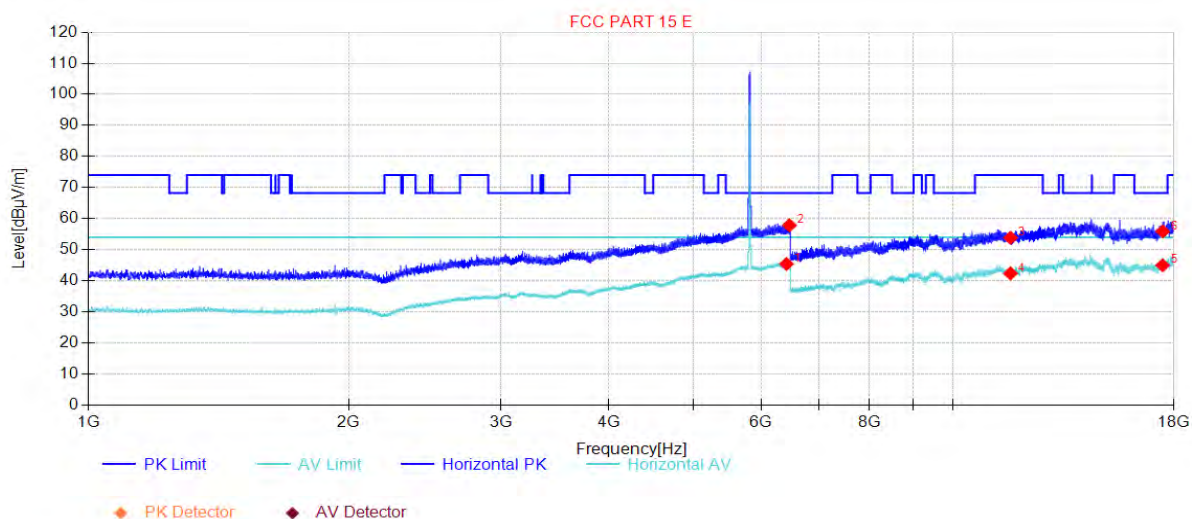
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4.9.2.47 802.11N20_Channel 165 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6416.761	45.37	18.25	54.00	8.63	165	Horizontal
2	6466.264	57.83	18.53	68.20	10.37	150	Horizontal
3	11650.00	53.81	2.58	74.00	20.19	178	Horizontal
4	11650.00	42.34	2.58	54.00	11.66	165	Horizontal
5	17475.00	44.96	7.42	54.00	9.04	144	Horizontal
6	17475.00	55.87	7.42	68.20	12.33	189	Horizontal

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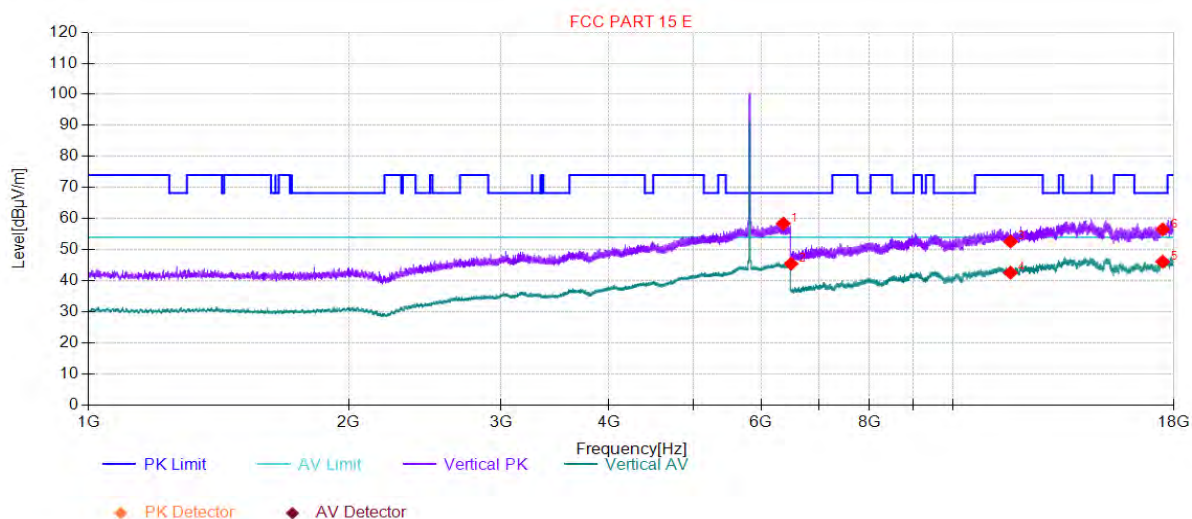
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4.9.2.48 802.11N20_Channel 165 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6363.957	58.38	18.28	68.20	9.82	274	Vertical
2	6496.699	45.46	18.70	54.00	8.54	268	Vertical
3	11650.00	52.59	2.58	74.00	21.41	241	Vertical
4	11650.00	42.58	2.58	54.00	11.42	235	Vertical
5	17475.00	46.11	7.42	54.00	7.89	286	Vertical
6	17475.00	56.50	7.42	68.20	11.70	249	Vertical

Final Data List



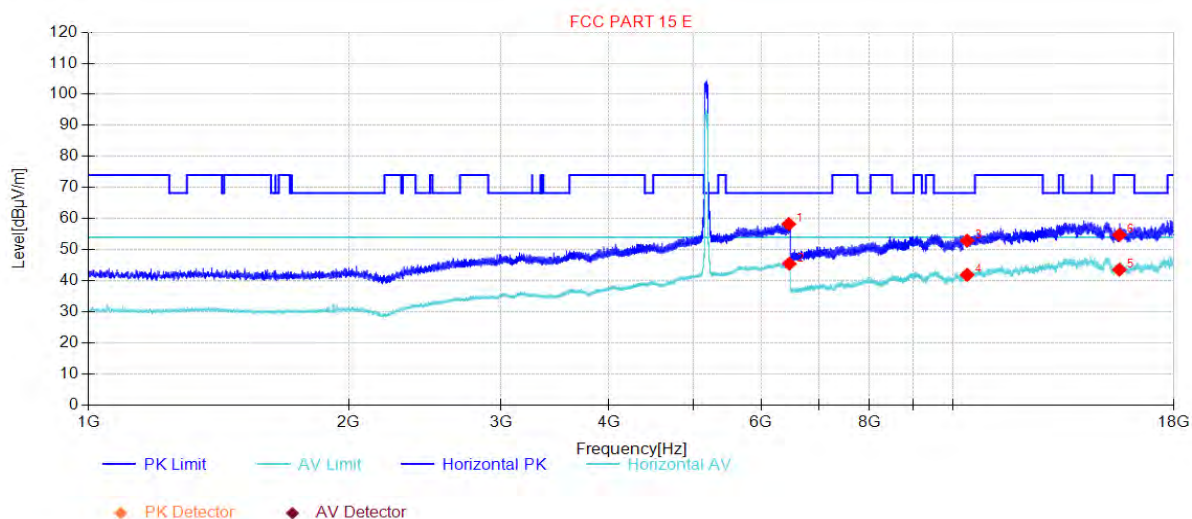
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4.9.2.49 802.11N40_Channel 38 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.630	58.24	18.47	68.20	9.96	135	Horizontal
2	6462.964	45.44	18.51	54.00	8.56	136	Horizontal
3	10380.00	52.90	2.40	68.20	15.30	148	Horizontal
4	10380.00	41.86	2.40	54.00	12.14	168	Horizontal
5	15570.00	43.53	6.00	54.00	10.47	147	Horizontal
6	15570.00	54.71	6.00	74.00	19.29	169	Horizontal

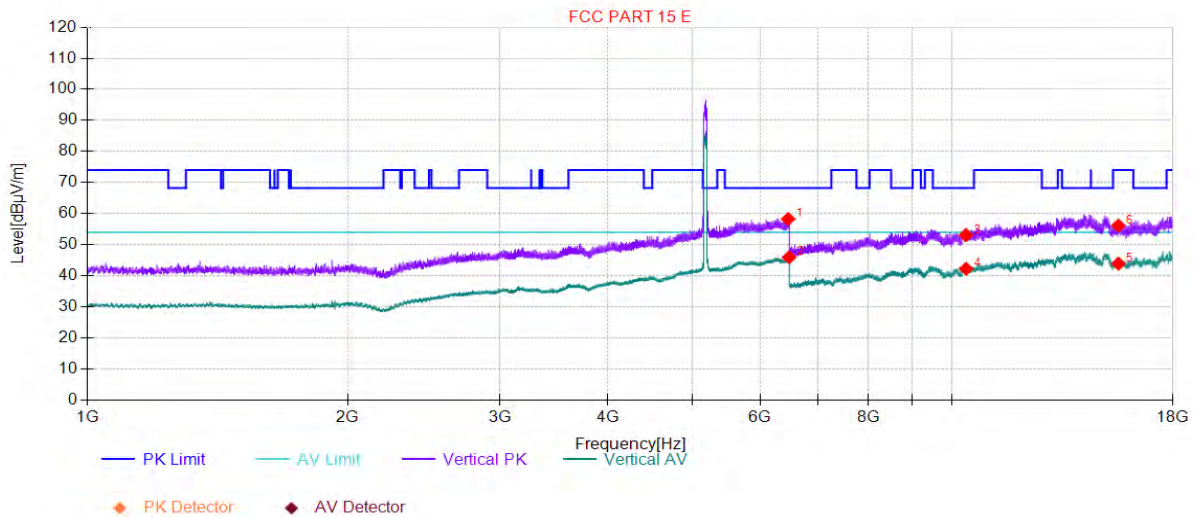
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4.9.2.50 802.11N40_Channel 38 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6461.864	58.25	18.50	68.20	9.95	278	Vertical
2	6480.198	45.93	18.61	54.00	8.07	236	Vertical
3	10380.00	53.05	2.40	68.20	15.15	285	Vertical
4	10380.00	42.22	2.40	54.00	11.78	294	Vertical
5	15570.00	43.87	6.00	54.00	10.13	241	Vertical
6	15570.00	56.13	6.00	74.00	17.87	289	Vertical

Final Data List



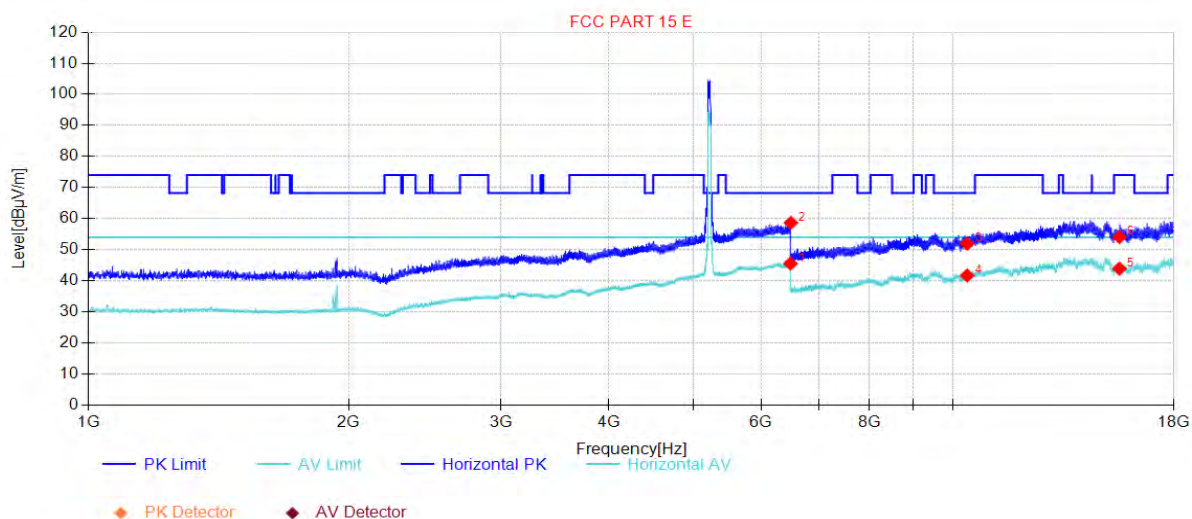
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4.9.2.51 802.11N40_Channel 46 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6485.332	45.50	18.63	54.00	8.50	156	Horizontal
2	6491.932	58.65	18.67	68.20	9.55	164	Horizontal
3	10380.00	51.90	2.40	68.20	16.30	135	Horizontal
4	10380.00	41.64	2.40	54.00	12.36	186	Horizontal
5	15570.00	43.87	6.00	54.00	10.13	199	Horizontal
6	15570.00	54.05	6.00	74.00	19.95	177	Horizontal

Final Data List



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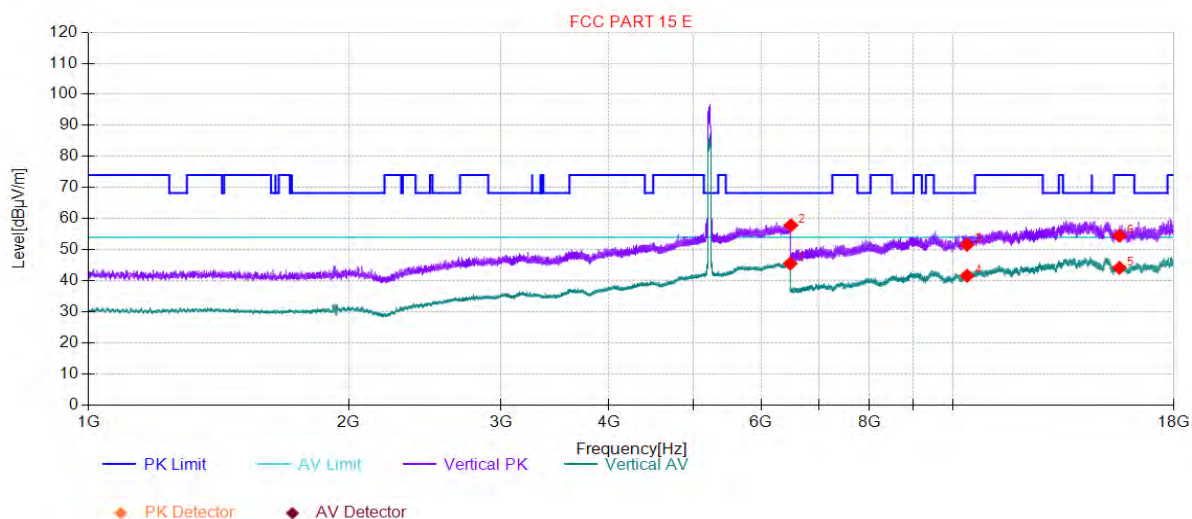
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4.9.2.52 802.11N40_Channel 46 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6481.665	45.52	18.61	54.00	8.48	247	Vertical
2	6494.132	57.83	18.68	68.20	10.37	268	Vertical
3	10380.00	51.57	2.40	68.20	16.63	289	Vertical
4	10380.00	41.57	2.40	54.00	12.43	247	Vertical
5	15570.00	44.12	6.00	54.00	9.88	236	Vertical
6	15570.00	54.45	6.00	74.00	19.55	289	Vertical

Final Data List



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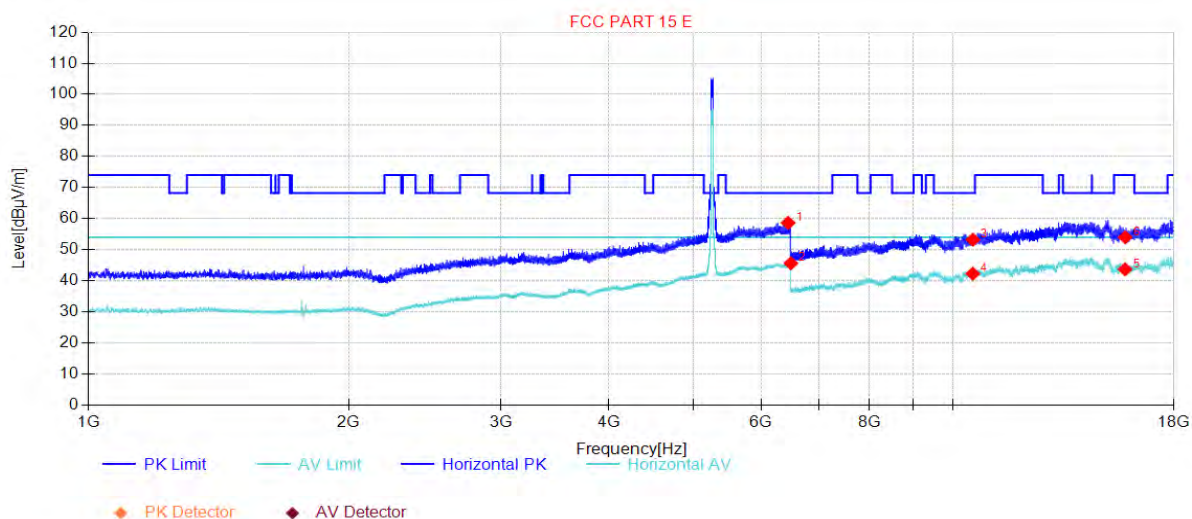
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4.9.2.53 802.11N40_Channel 54 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.996	58.64	18.41	68.20	9.56	168	Horizontal
2	6492.299	45.59	18.67	54.00	8.41	169	Horizontal
3	10540.00	53.20	2.39	68.20	15.00	184	Horizontal
4	10540.00	42.25	2.39	54.00	11.75	156	Horizontal
5	15810.00	43.66	5.12	54.00	10.34	189	Horizontal
6	15810.00	53.98	5.12	74.00	20.02	147	Horizontal

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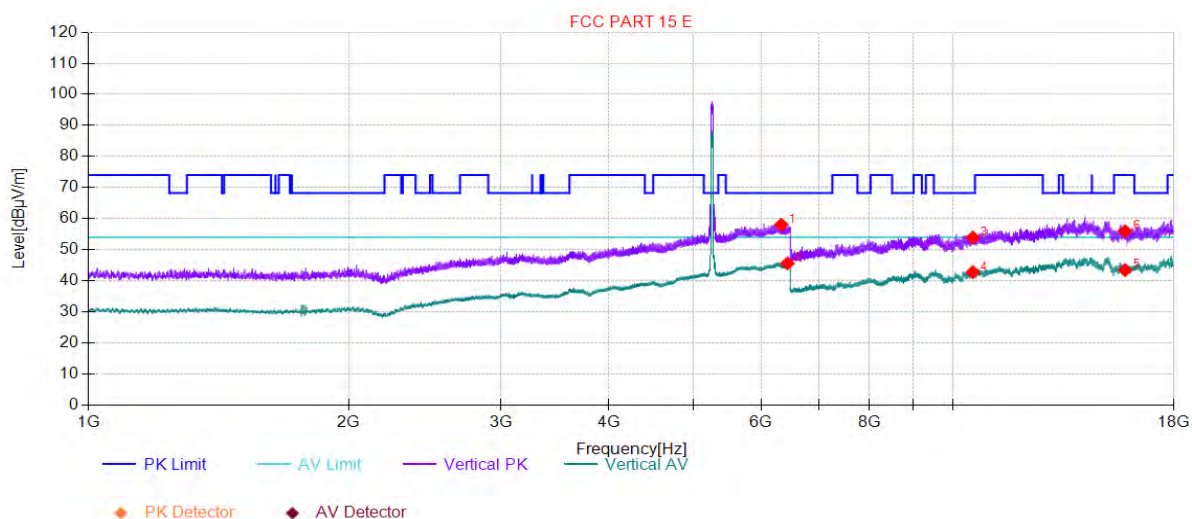
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4.9.2.54 802.11N40_Channel 54 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6328.388	58.02	18.39	68.20	10.18	274	Vertical
2	6432.895	45.57	18.34	54.00	8.43	268	Vertical
3	10540.00	53.85	2.39	68.20	14.35	296	Vertical
4	10540.00	42.73	2.39	54.00	11.27	284	Vertical
5	15810.00	43.43	5.12	54.00	10.57	263	Vertical
6	15810.00	55.94	5.12	74.00	18.06	248	Vertical

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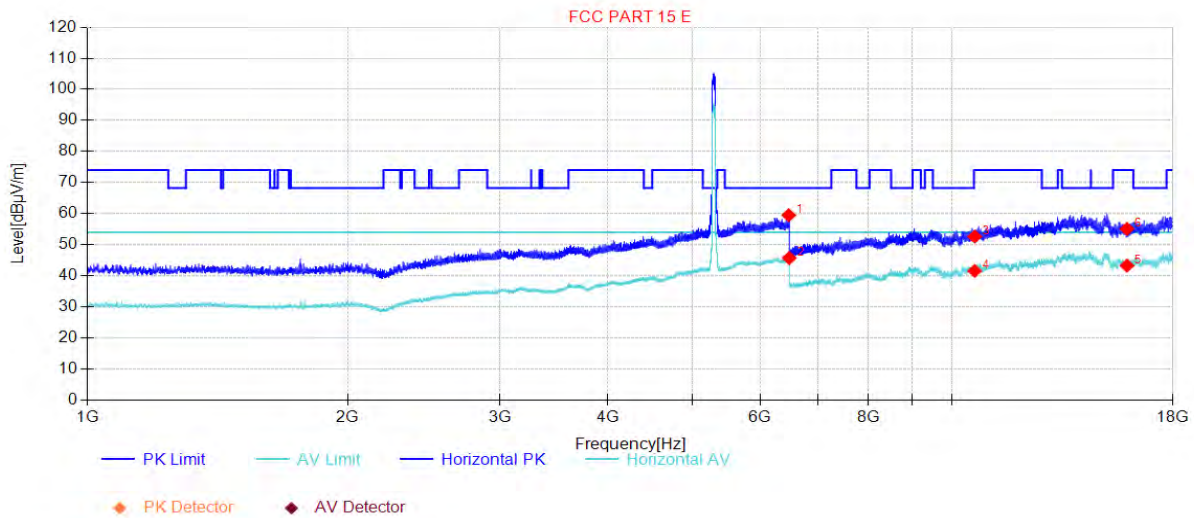
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4.9.2.55 802.11N40_Channel 62 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6472.864	59.47	18.56	68.20	8.73	247	Horizontal
2	6482.032	45.70	18.62	54.00	8.30	269	Horizontal
3	10620.00	52.58	2.23	74.00	21.42	284	Horizontal
4	10620.00	41.52	2.23	54.00	12.48	263	Horizontal
5	15930.00	43.23	5.15	54.00	10.77	241	Horizontal
6	15930.00	55.06	5.15	74.00	18.94	278	Horizontal

Final Data List



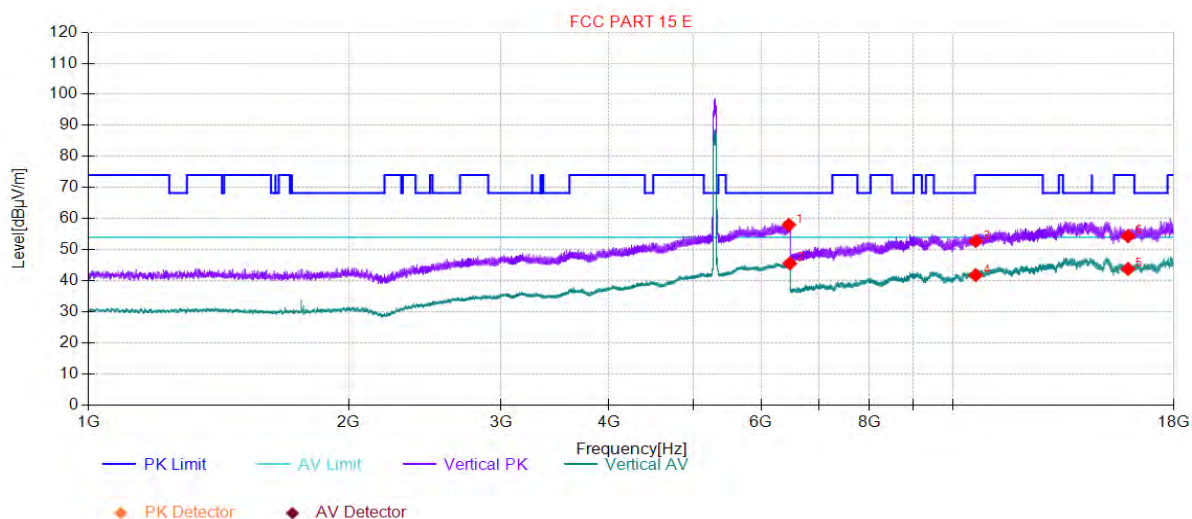
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4.9.2.56 802.11N40_Channel 62 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	57.96	18.47	68.20	10.24	241	Vertical
2	6473.231	45.59	18.57	54.00	8.41	263	Vertical
3	10620.00	52.72	2.23	74.00	21.28	274	Vertical
4	10620.00	41.76	2.23	54.00	12.24	263	Vertical
5	15930.00	43.79	5.15	54.00	10.21	241	Vertical
6	15930.00	54.35	5.15	74.00	19.65	278	Vertical

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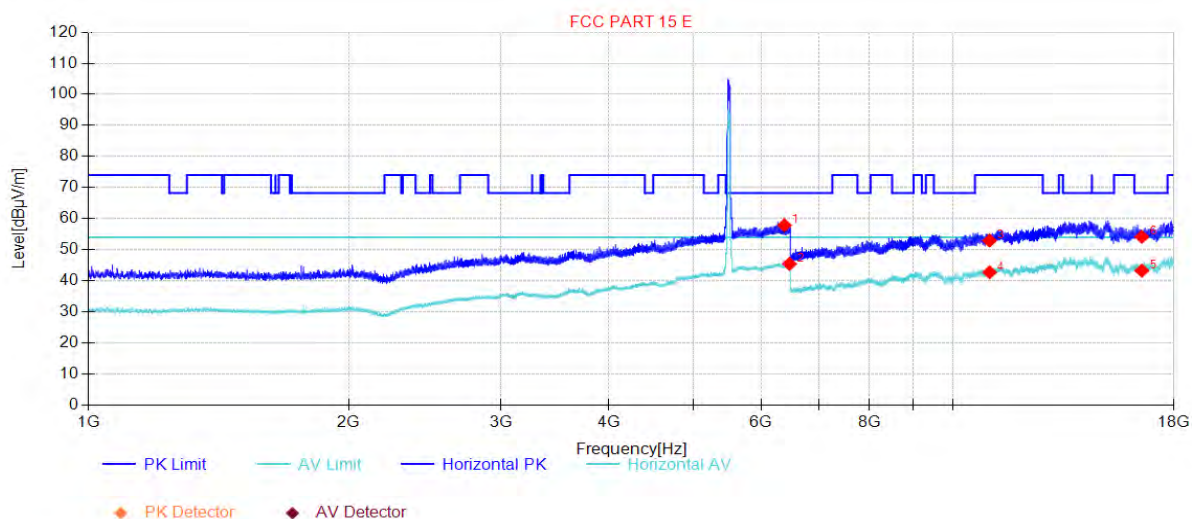
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4.9.2.57 802.11N40_Channel 102 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6381.558	57.85	18.22	68.20	10.35	156	Horizontal
2	6467.731	45.41	18.54	54.00	8.59	162	Horizontal
3	11020.00	52.90	2.69	74.00	21.10	178	Horizontal
4	11020.00	42.71	2.69	54.00	11.29	163	Horizontal
5	16530.00	43.23	5.27	54.00	10.77	147	Horizontal
6	16530.00	54.10	5.27	68.20	14.10	194	Horizontal

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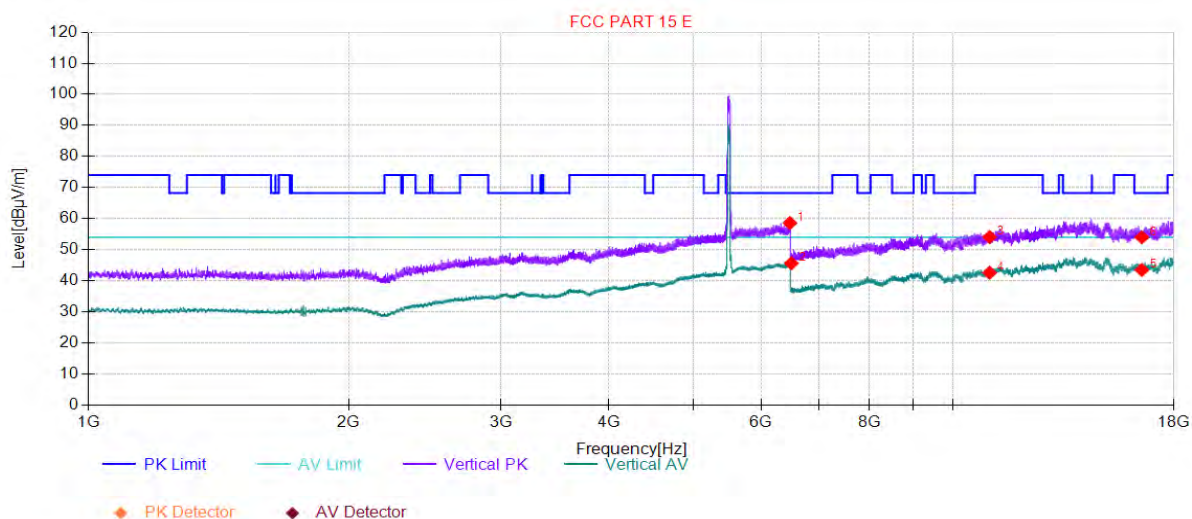
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4.9.2.58 802.11N40_Channel 102 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6475.065	58.57	18.58	68.20	9.63	247	Vertical
2	6499.633	45.58	18.71	54.00	8.42	263	Vertical
3	11020.00	54.06	2.69	74.00	19.94	287	Vertical
4	11020.00	42.57	2.69	54.00	11.43	265	Vertical
5	16530.00	43.47	5.27	54.00	10.53	237	Vertical
6	16530.00	53.96	5.27	68.20	14.24	284	Vertical

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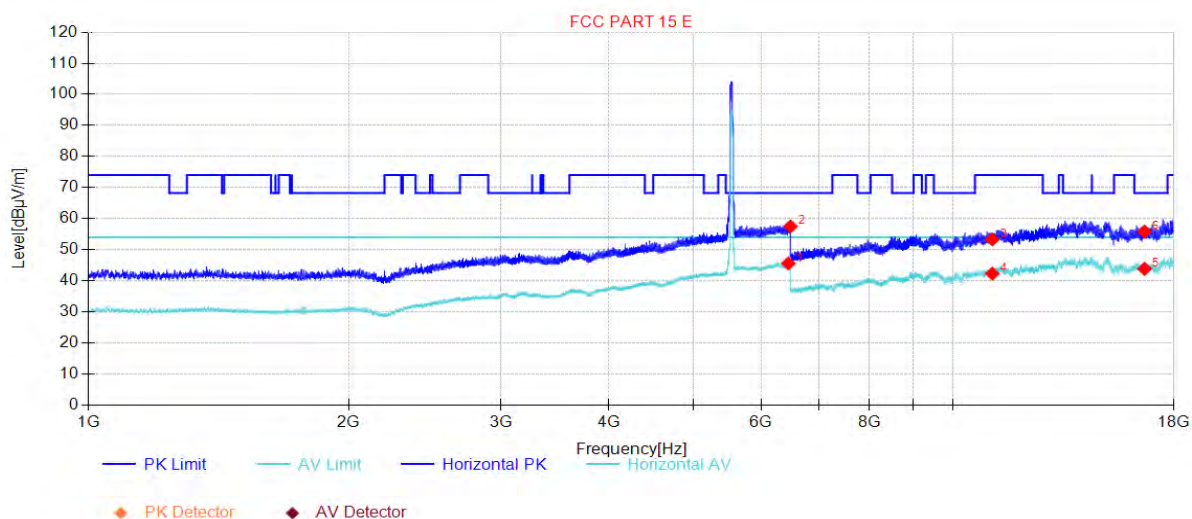
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4.9.2.59 802.11N40_Channel 110 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6448.663	45.54	18.43	54.00	8.46	147	Horizontal
2	6485.699	57.49	18.64	68.20	10.71	169	Horizontal
3	11100.00	53.28	2.49	74.00	20.72	185	Horizontal
4	11100.00	42.28	2.49	54.00	11.72	152	Horizontal
5	16650.00	43.80	5.74	54.00	10.20	151	Horizontal
6	16650.00	55.78	5.74	68.20	12.42	163	Horizontal

Final Data List

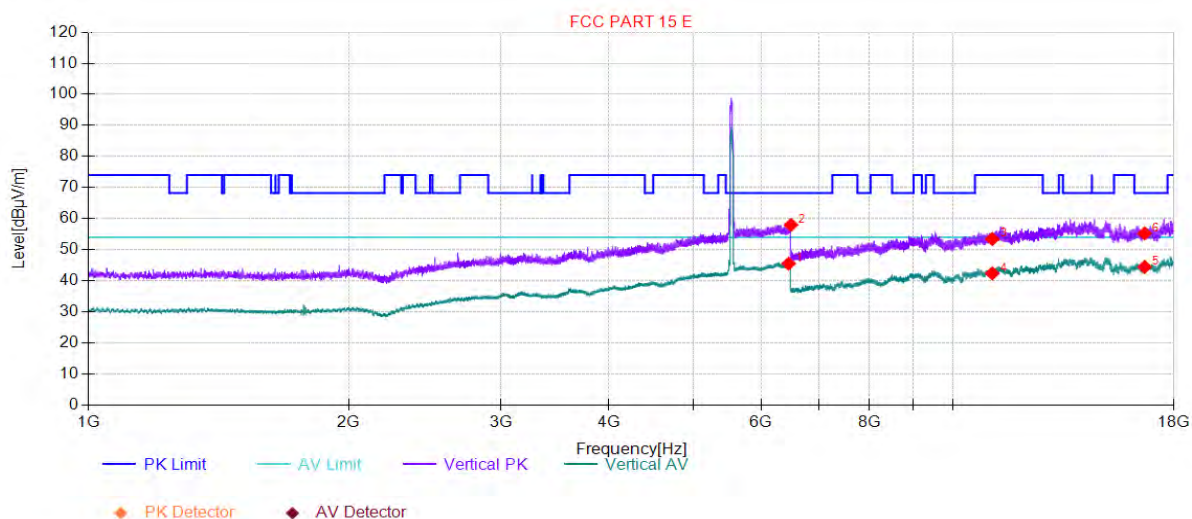


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4.9.2.60 802.11N40_Channel 110 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6448.663	45.54	18.43	54.00	8.46	278	Horizontal
2	6485.699	57.49	18.64	68.20	10.71	264	Horizontal
3	11100.00	53.28	2.49	74.00	20.72	285	Horizontal
4	11100.00	42.28	2.49	54.00	11.72	296	Horizontal
5	16650.00	43.80	5.74	54.00	10.20	247	Horizontal
6	16650.00	55.78	5.74	68.20	12.42	253	Horizontal

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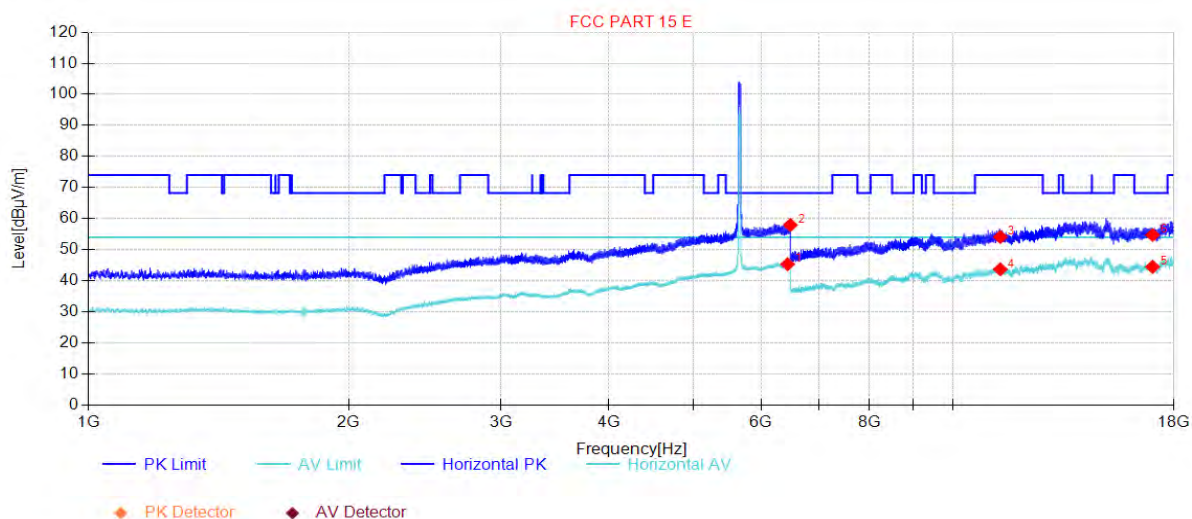
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4.9.2.61 802.11N40_Channel 134 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6434.729	45.31	18.35	54.00	8.69	177	Horizontal
2	6482.398	57.91	18.62	68.20	10.29	169	Horizontal
3	11340.00	54.07	2.55	74.00	19.93	184	Horizontal
4	11340.00	43.67	2.55	54.00	10.33	135	Horizontal
5	17010.00	44.45	6.16	54.00	9.55	148	Horizontal
6	17010.00	54.71	6.16	68.20	13.49	163	Horizontal

Final Data List



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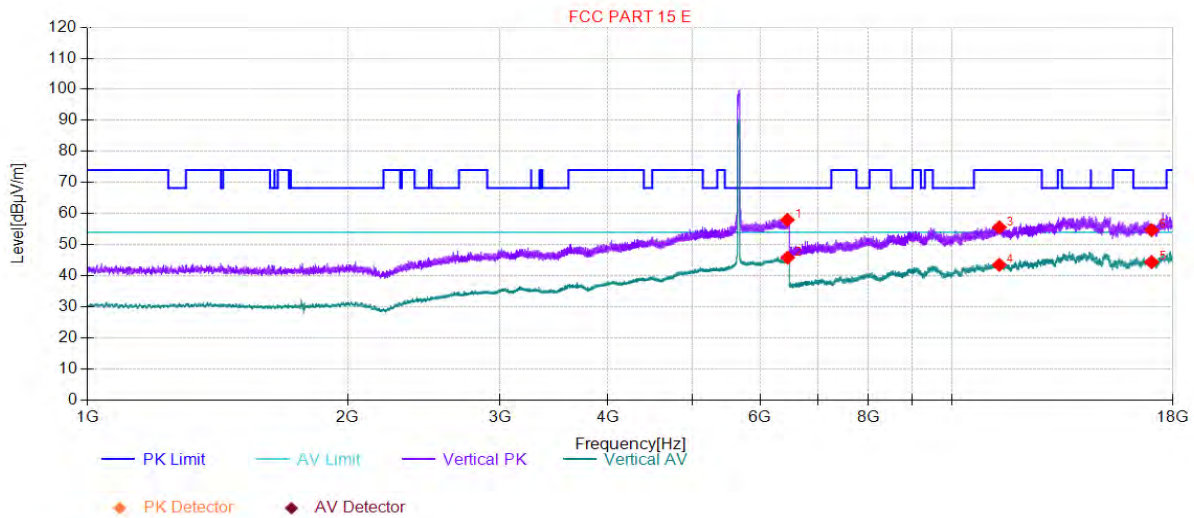
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4.9.2.62 802.11N40_Channel 134 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6447.929	57.96	18.43	68.20	10.24	278	Vertical
2	6452.696	45.83	18.45	54.00	8.17	263	Vertical
3	11340.00	55.55	2.55	74.00	18.45	268	Vertical
4	11340.00	43.49	2.55	54.00	10.51	248	Vertical
5	17010.00	44.36	6.16	54.00	9.64	295	Vertical
6	17010.00	54.66	6.16	68.20	13.54	247	Vertical

Final Data List

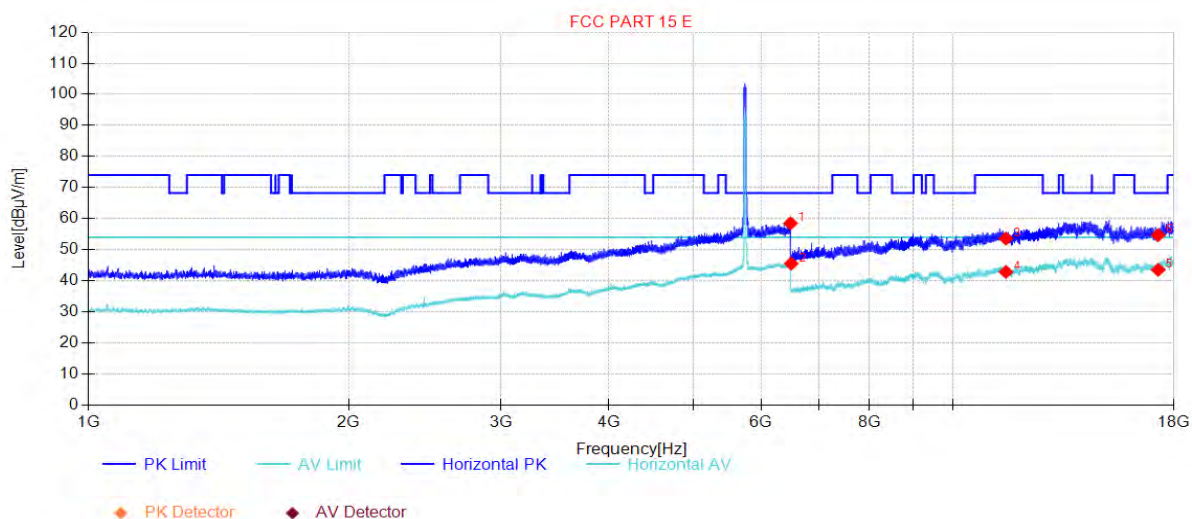


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4.9.2.63 802.11N40_Channel 151 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6486.065	58.48	18.64	68.20	9.72	174	Horizontal
2	6497.799	45.49	18.70	54.00	8.51	163	Horizontal
3	11510.00	53.57	2.17	74.00	20.43	151	Horizontal
4	11510.00	42.82	2.17	54.00	11.18	185	Horizontal
5	17265.00	43.52	6.33	54.00	10.48	135	Horizontal
6	17265.00	54.68	6.33	68.20	13.52	147	Horizontal

Final Data List

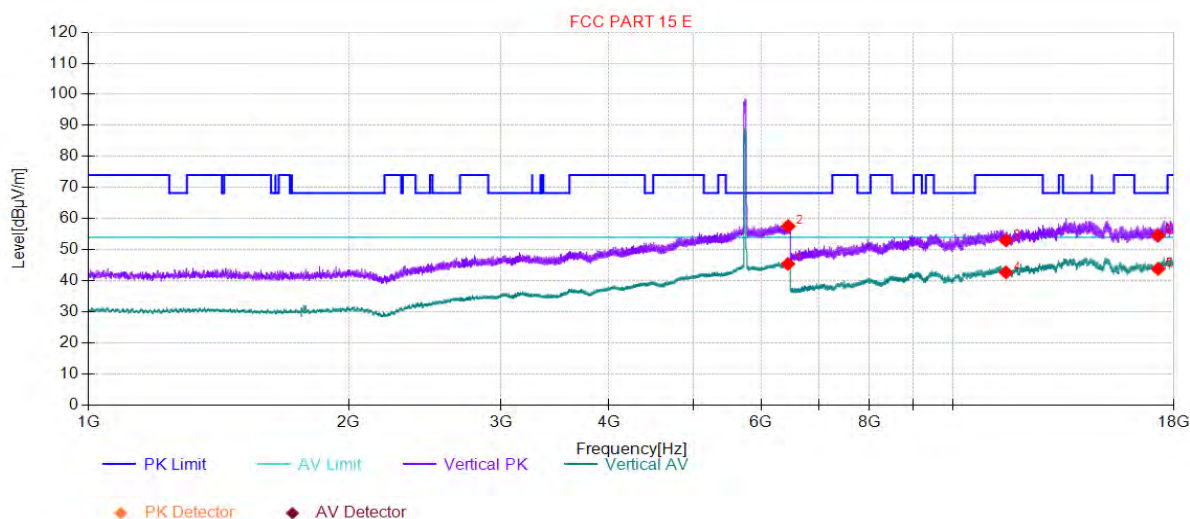


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4.9.2.64 802.11N40_Channel 151 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6441.696	45.40	18.39	54.00	8.60	284	Vertical
2	6447.563	57.54	18.42	68.20	10.66	263	Vertical
3	11510.00	52.98	2.17	74.00	21.02	285	Vertical
4	11510.00	42.66	2.17	54.00	11.34	294	Vertical
5	17265.00	43.83	6.33	54.00	10.17	276	Vertical
6	17265.00	54.53	6.33	68.20	13.67	251	Vertical

Final Data List



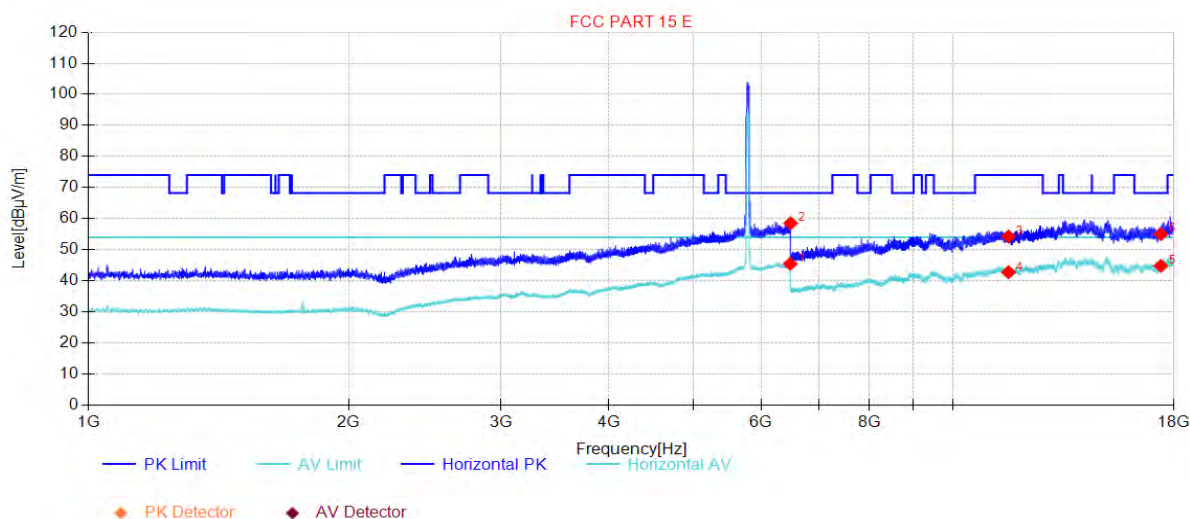
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4.9.2.65 802.11N40_Channel 159 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6481.298	45.40	18.61	54.00	8.60	174	Horizontal
2	6488.265	58.49	18.65	68.20	9.71	162	Horizontal
3	11590.00	54.19	3.16	74.00	19.81	185	Horizontal
4	11590.00	42.72	3.16	54.00	11.28	135	Horizontal
5	17385.00	44.77	6.82	54.00	9.23	194	Horizontal
6	17385.00	54.98	6.82	68.20	13.22	135	Horizontal

Final Data List

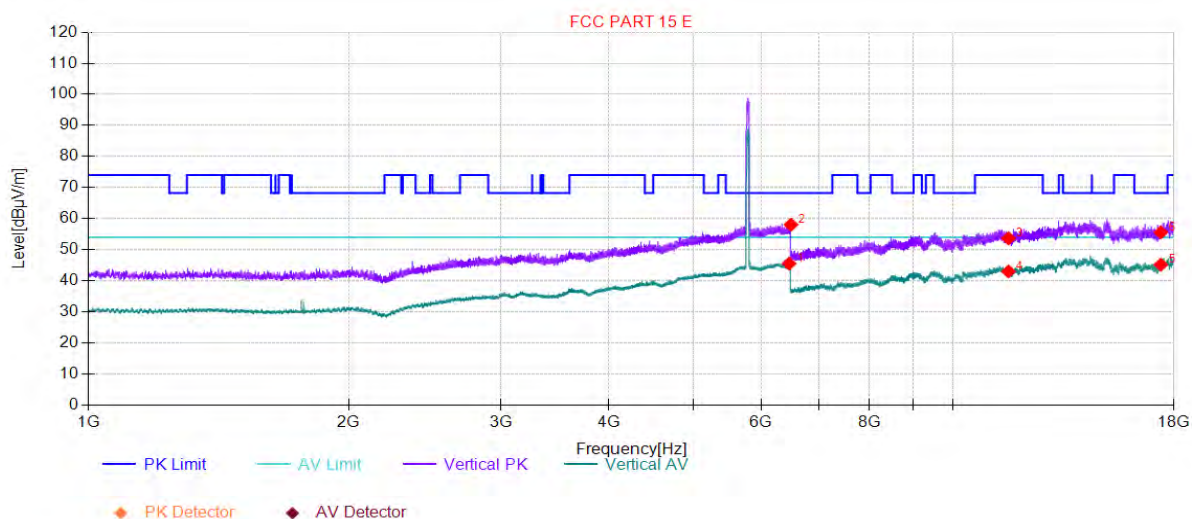


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4.9.2.66 802.11N40_Channel 159 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6461.130	45.49	18.50	54.00	8.51	274	Vertical
2	6494.499	58.03	18.68	68.20	10.17	263	Vertical
3	11590.00	53.64	3.16	74.00	20.36	284	Vertical
4	11590.00	42.97	3.16	54.00	11.03	261	Vertical
5	17385.00	45.14	6.82	54.00	8.86	248	Vertical
6	17385.00	55.53	6.82	68.20	12.67	294	Vertical

Final Data List



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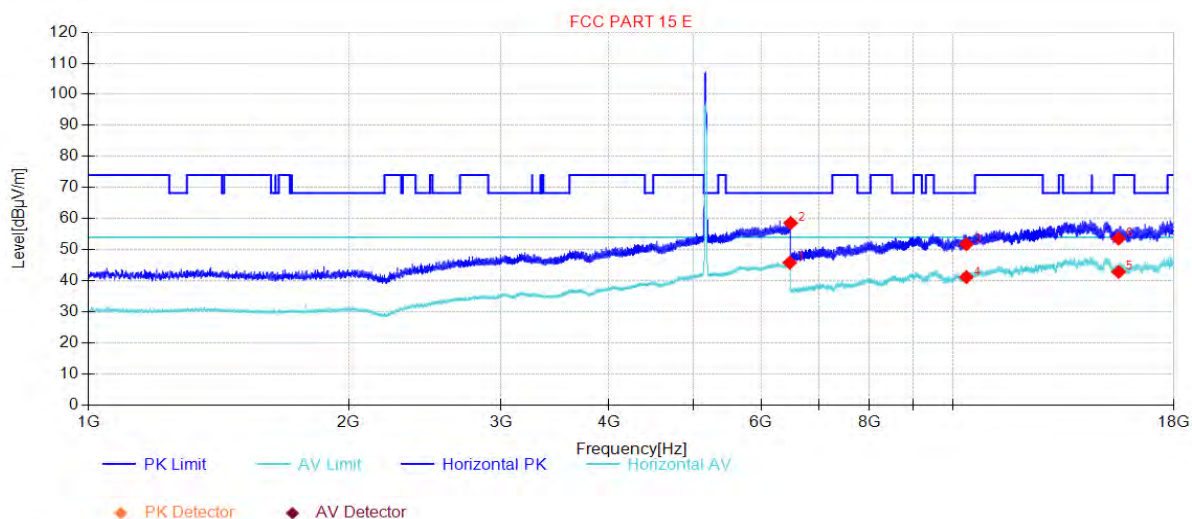
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4.9.2.67 802.11AC20_Channel 36 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.630	58.24	18.47	68.20	9.96	135	Horizontal
2	6462.964	45.44	18.51	54.00	8.56	136	Horizontal
3	10380.00	52.90	2.40	68.20	15.30	148	Horizontal
4	10380.00	41.86	2.40	54.00	12.14	168	Horizontal
5	15570.00	43.53	6.00	54.00	10.47	147	Horizontal
6	15570.00	54.71	6.00	74.00	19.29	169	Horizontal

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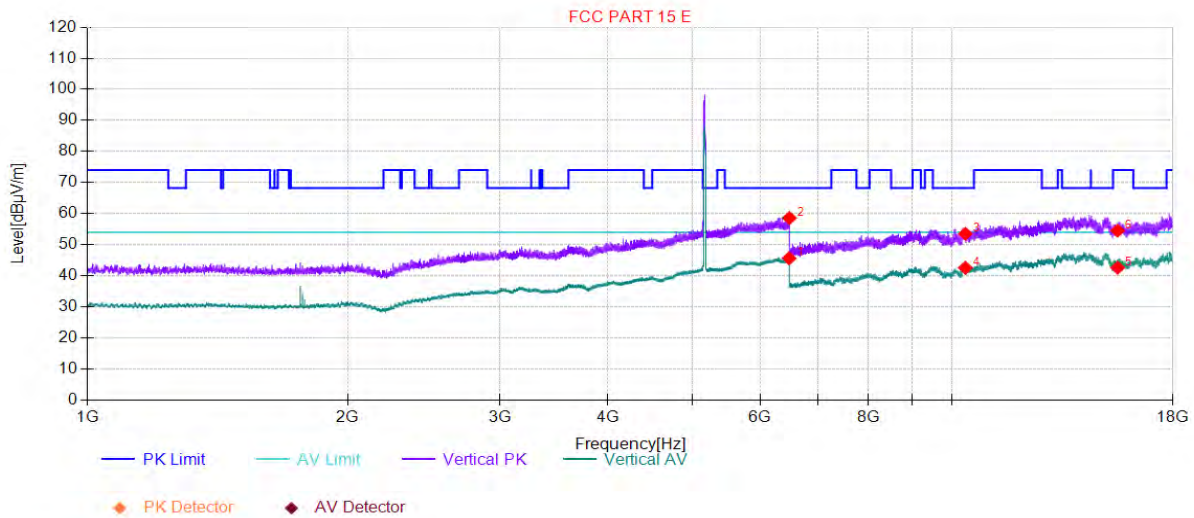
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4.9.2.68 802.11AC20_Channel 36 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6479.832	45.60	18.60	54.00	8.40	241	Vertical
2	6484.599	58.59	18.63	68.20	9.61	263	Vertical
3	10360.00	53.50	2.38	68.20	14.70	268	Vertical
4	10360.00	42.52	2.38	54.00	11.48	284	Vertical
5	15540.00	42.59	5.88	54.00	11.41	233	Vertical
6	15540.00	54.51	5.88	74.00	19.49	284	Vertical

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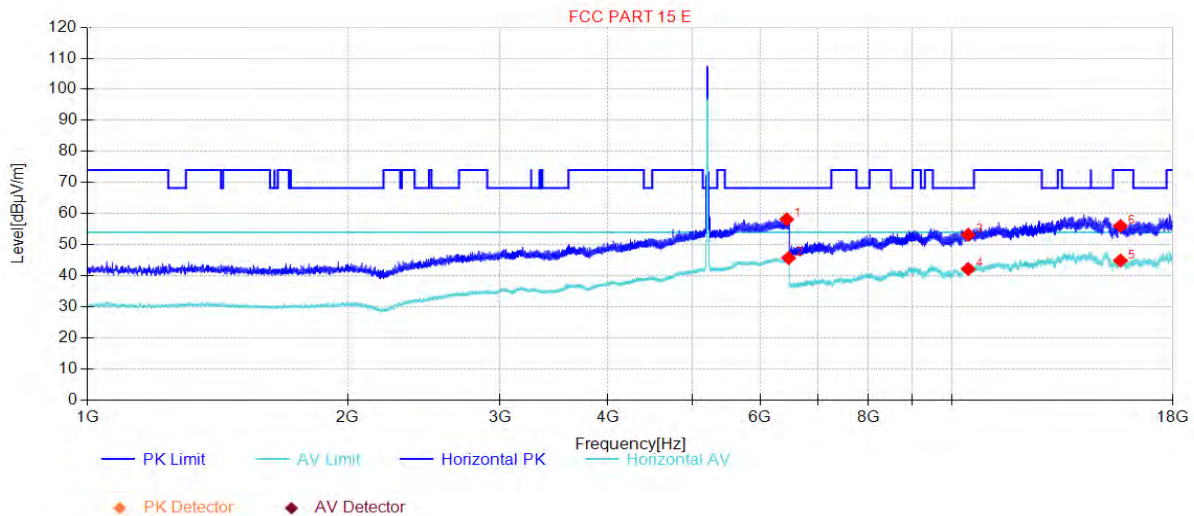
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4.9.2.69 802.11AC20_Channel 44 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6437.662	58.15	18.37	68.20	10.05	157	Horizontal
2	6471.031	45.70	18.55	54.00	8.30	168	Horizontal
3	10440.00	53.19	2.46	68.20	15.01	194	Horizontal
4	10440.00	42.16	2.46	54.00	11.84	135	Horizontal
5	15660.00	44.87	6.12	54.00	9.13	135	Horizontal
6	15660.00	56.02	6.12	74.00	17.98	147	Horizontal

Final Data List



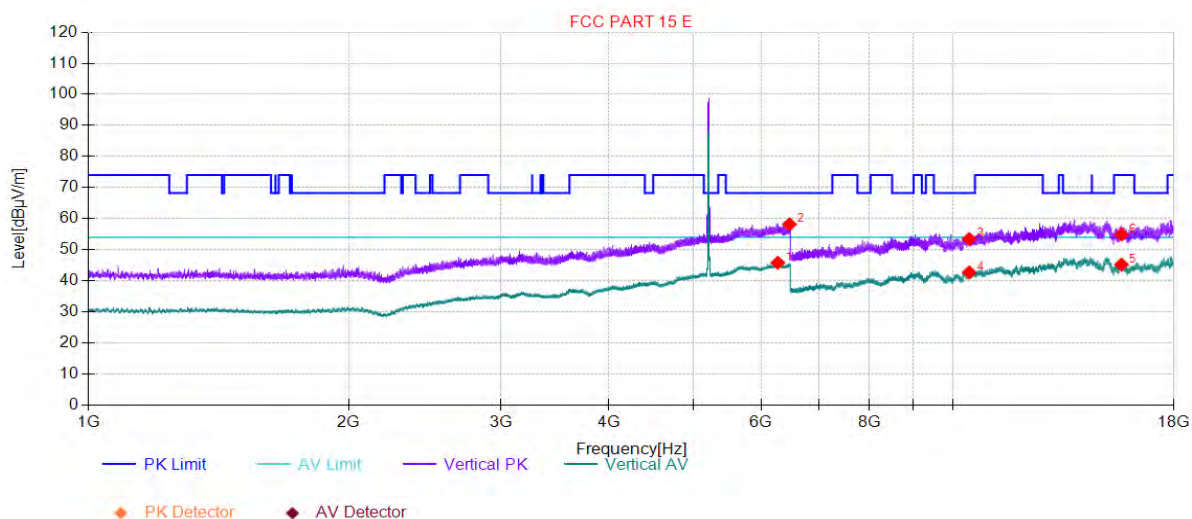
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4.9.2.70 802.11AC20_Channel 44 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6269.351	45.76	18.34	54.00	8.24	278	Vertical
2	6468.464	58.14	18.54	68.20	10.06	268	Vertical
3	10440.00	53.40	2.46	68.20	14.80	248	Vertical
4	10440.00	42.67	2.46	54.00	11.33	241	Vertical
5	15660.00	45.17	6.12	54.00	8.83	263	Vertical
6	15660.00	54.86	6.12	74.00	19.14	289	Vertical

Final Data List



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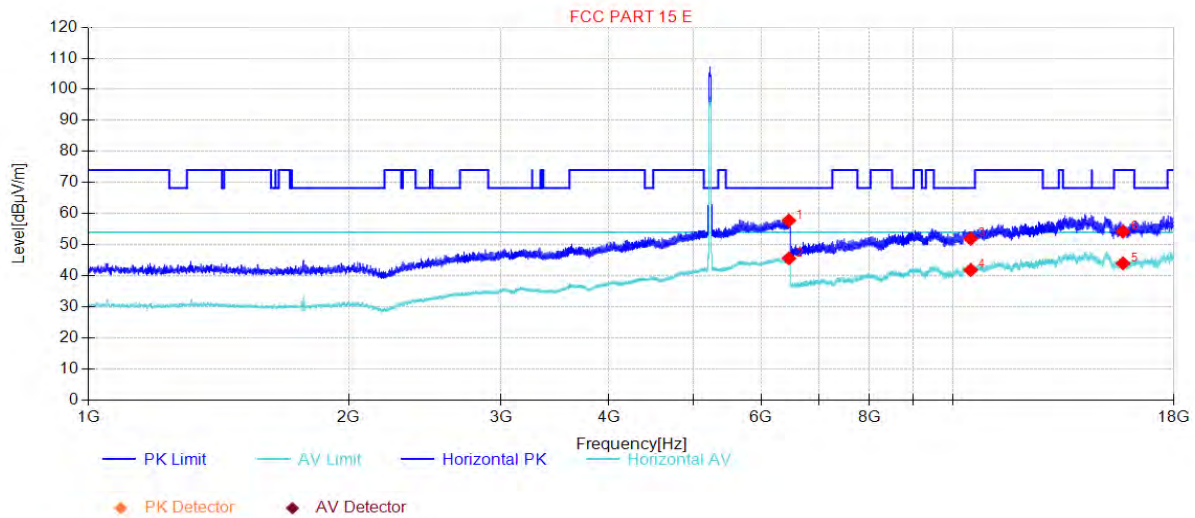
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4.9.2.71 802.11AC20_Channel 48 MIMO

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	57.77	18.47	68.20	10.43	165	Horizontal
2	6459.297	45.56	18.49	54.00	8.44	178	Horizontal
3	10480.00	51.89	2.49	68.20	16.31	168	Horizontal
4	10480.00	41.83	2.49	54.00	12.17	147	Horizontal
5	15720.00	43.96	5.92	54.00	10.04	169	Horizontal
6	15720.00	54.18	5.92	74.00	19.82	147	Horizontal

Final Data List



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