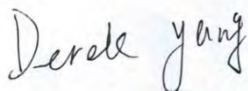


# FCC TEST REPORT

**Application No.:** ZR/2020/B0016  
**Applicant:** SMT TELECOMM HK LIMITED  
**Address of Applicant:** UNIT C 8/F CHARMHILL CTR 50 HILLWOOD RD TST KL  
**Manufacturer:** SMT TELECOMM HK LIMITED  
**Address of Manufacturer:** UNIT C 8/F CHARMHILL CTR 50 HILLWOOD RD TST KL  
**EUT Description:** tablet  
**Model No.:** Inspire 4.0  
**Trade Mark:** GTL  
**FCC ID:** 2AIMEI40  
**Standards:** 47 CFR FCC Part 2, Subpart J  
 47 CFR FCC Part 15, Subpart C  
 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:** 2020/11/18  
**Date of Test:** 2020/11/18 to 2020/12/7  
**Date of Issue:** 2021/3/8

<b>Test Result :</b>	<b>PASS *</b>
----------------------	---------------

\* In the configuration tested, the EUT detailed in this report complied with the standards specified above.



Derek Yang  
 Wireless Laboratory Manager



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# 1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-3-8		Original

Authorized for issue by:			
Tested By		 <hr/> (Mike Hu) /Project Engineer	
Checked By		 <hr/> (David Chen) /Reviewer	



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## 2 Test Summary

Test Item	Band	FCC rules	Test Requirements	Test Result	Result
26dB Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Clause 4.5	PASS
	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
99% Occupied Bandwidth	5150-5250	KDB 789033 D02§ D	No limit.	Clause 4.7	PASS
	5250-5350				
	5470-5725				
	5725-5850				
Duty Cycle	5150-5850	--	No limit.	Clause 4.3	PASS
Maximum Conducted Output Power	5150-5250	15.407(a)(1) 15.407(a)(4)	FCC < 250mW (avg during transmission)	Clause 4.4	PASS
	5250-5350	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*lg(EB W)} (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10*lg(EB W)} (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
	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
	5250-5350	15.407(b)(2) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS
	5470-5750	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl.		PASS



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			5.47-5.725 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK). 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).		
	5725-5850	15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209			PASS
Unwanted Emissions in the Restricted Bands (Radiated)	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.10	PASS
AC Power Line Conducted Emissions	5150-5250 5250-5350 5470-5725 5725-5850	15.207	---	Clause 4.2	PASS
Frequency Stability	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.11	PASS
Dynamic Frequency Selection	5250-5350 5470-5725	47 CFR Part 15, Subpart E 15.407	Channel Move Time:10 Seconds	Clause 4.12	PASS



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### 3 General Information

#### 3.1 Details of Client

Applicant:	SMT TELECOMM HK LIMITED
Address of Applicant	UNIT C 8/F CHARMHILL CTR 50 HILLWOOD RD TST KL
Manufacturer:	SMT TELECOMM HK LIMITED
Address of Manufacturer	UNIT C 8/F CHARMHILL CTR 50 HILLWOOD RD TST KL

#### 3.2 Test Location

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



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 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

### 3.3 Test Facility

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

• **CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• **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.

• **Industry Canada (IC)**

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.



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### 3.4 General Description of EUT

EUT Description:	tablet
Model No.:	Inspire 4.0
Trade Mark:	GTL
Hardware Version:	P3
Software Version:	Inspire 4.0_09162020
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:	<input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated
Antenna Ports	<input checked="" type="checkbox"/> Ant 1, <input checked="" type="checkbox"/> Ant 2, <input type="checkbox"/> Ant 3
Smart System	<input checked="" type="checkbox"/> SISO (for 802.11a/n/ac), <input checked="" type="checkbox"/> MIMO (for 802.11n/ac), <input type="checkbox"/> Diversity (for 802.11a).
Antenna Gain:	4dBi(ANT1); 2dBi(ANT2);
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



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For UNII Band I:

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

For UNII Band II-A:

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

For UNII Band II-C:

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

For UNII Band III:

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



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### 3.5 Test Environment and Mode

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



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## 4 Test results and Measurement Data

### 4.1 Antenna Requirement

<b>Standard requirement:</b>	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is 2dBi.	

### 4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	<ol style="list-style-type: none"> <li>1) The mains terminal disturbance voltage test was conducted in a shielded room.</li> <li>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</li> <li>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</li> <li>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.</li> <li>5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.</li> </ol>		



<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 5.10 for details</p>
<p>Test Results:</p>	<p>Pass</p>

The detailed test data see: **Appendix**



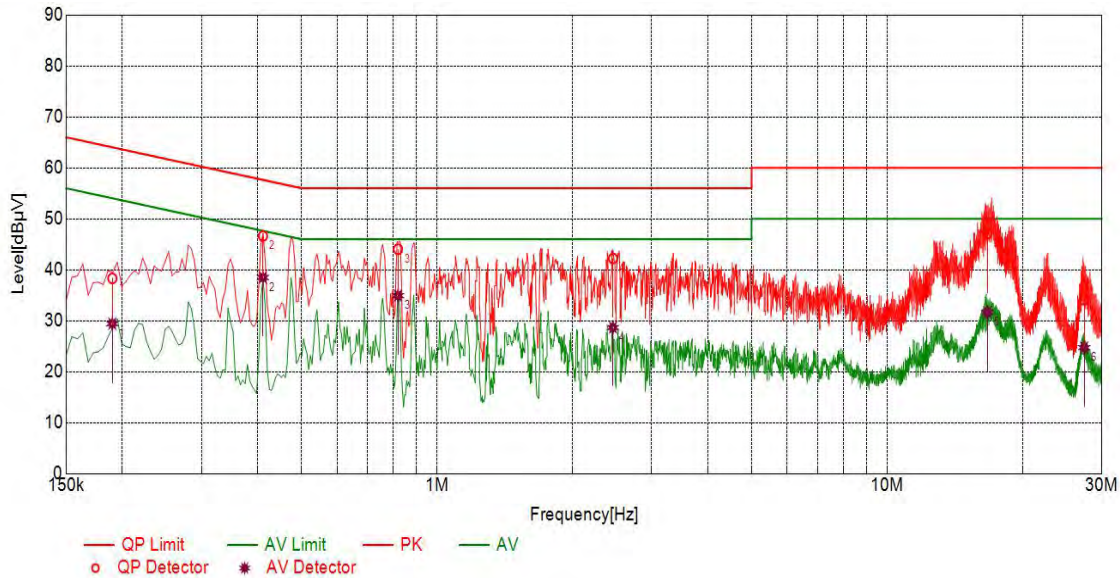
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**Measurement Data**

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

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

**Live Line:**

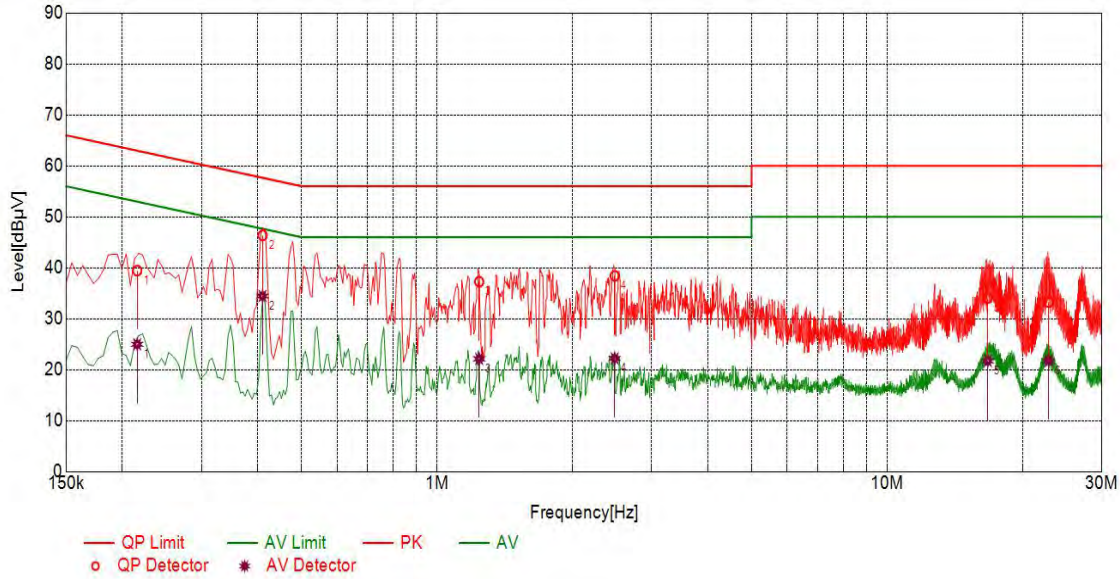


Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.1901	10.10	38.30	64.03	25.73	29.42	54.03	24.61	L
2	0.4107	10.10	46.62	57.63	11.01	38.48	47.63	9.15	L
3	0.8192	10.10	44.04	56.00	11.96	34.93	46.00	11.07	L
4	2.4613	10.10	42.22	56.00	13.78	28.66	46.00	17.34	L
5	16.7051	10.11	47.10	60.00	12.90	31.66	50.00	18.34	L
6	27.4017	10.11	34.07	60.00	25.93	24.72	50.00	25.28	L



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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

Neutral Line:



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	0.2159	10.10	39.44	62.98	23.54	24.99	52.98	27.99	N
2	0.4099	10.10	46.36	57.65	11.29	34.46	47.65	13.19	N
3	1.2413	10.10	37.27	56.00	18.73	22.13	46.00	23.87	N
4	2.4824	10.10	38.43	56.00	17.57	22.21	46.00	23.79	N
5	16.7360	10.11	34.04	60.00	25.96	21.73	50.00	28.27	N
6	22.8473	10.11	33.27	60.00	26.73	21.76	50.00	28.24	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

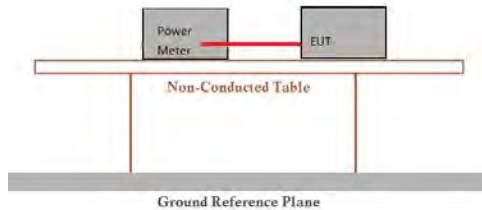
The detailed test data see: **Appendix**



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#### 4.4 Conducted Output Power

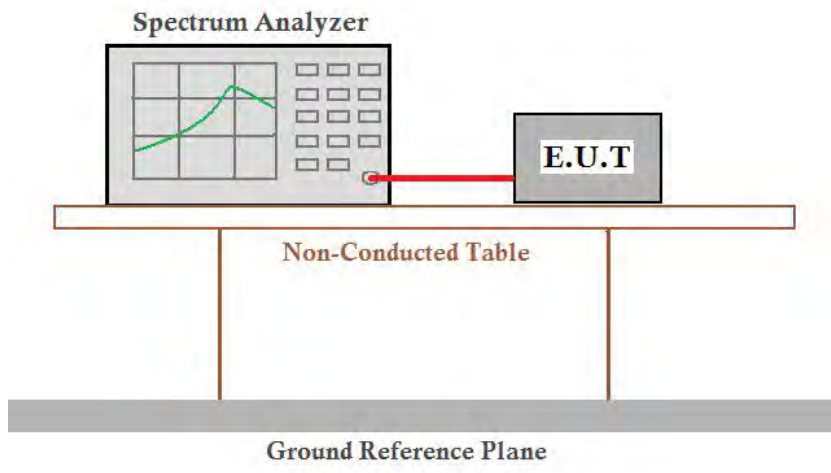
Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10 :2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). 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 $11 + 10\log B$
	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**



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### 4.5 26dB Emission Bandwidth

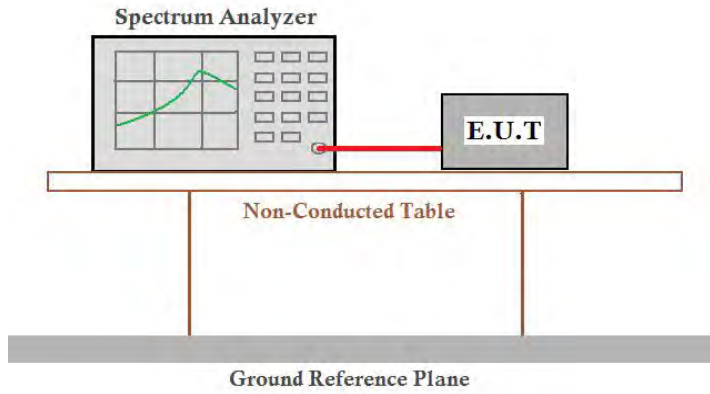
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). 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

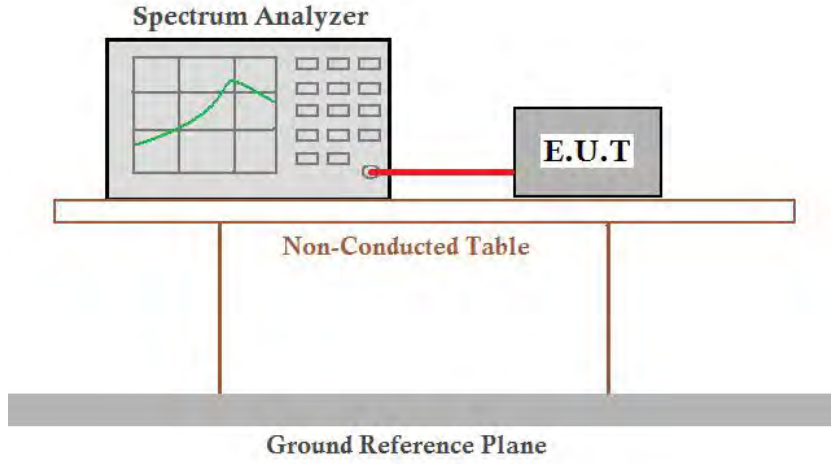
Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013 KDB 789033 D02 v02r01, Section F.	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). 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 lease 500kHz
Test Results:	Pass	

The detailed test data see: **Appendix**



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### 4.7 99% Occupied Bandwidth

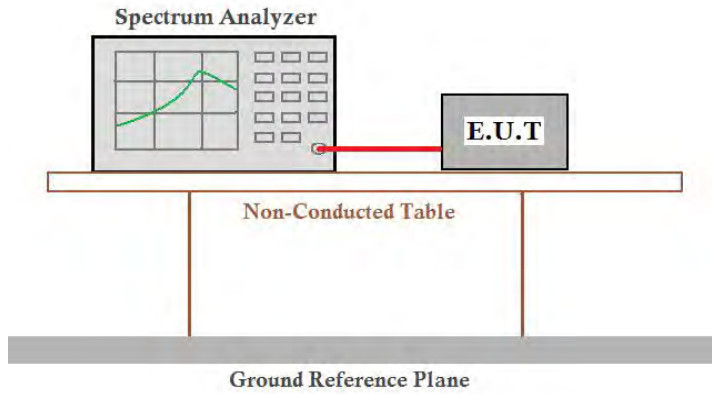
Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). 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	
Test Setup:		
Instruments Used:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). 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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**4.8.1 Test Results**

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Corr'd Level(Cond.) [dBm/1MHz(For UNII Band I/II)/500KHz(For UNII Band III)]	Verdict
11A	36	5180	ANT1		PASS
	44	5220	ANT1		PASS
	48	5240	ANT1		PASS
	52	5260	ANT1		PASS
	60	5300	ANT1		PASS
	64	5320	ANT1		PASS
	100	5500	ANT1		PASS
	116	5580	ANT1		PASS
	140	5700	ANT1		PASS
	149	5745	ANT1		PASS
	157	5785	ANT1		PASS
	165	5825	ANT1		PASS
11N20	36	5180	ANT1		PASS
	44	5220	ANT1		PASS
	48	5240	ANT1		PASS
	52	5260	ANT1		PASS
	60	5300	ANT1		PASS
	64	5320	ANT1		PASS
	100	5500	ANT1		PASS
	116	5580	ANT1		PASS
	140	5700	ANT1		PASS
	149	5745	ANT1		PASS
	157	5785	ANT1		PASS
	165	5825	ANT1		PASS
11N40	38	5190	ANT 1		PASS
	46	5230	ANT 1		PASS
	54	5270	ANT 1		PASS
	62	5310	ANT 1		PASS
	102	5510	ANT 1		PASS



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	110	5550	ANT 1		PASS
	134	5670	ANT 1		PASS
	151	5755	ANT 1		PASS
	159	5795	ANT 1		PASS
11AC20	36	5180	ANT1		PASS
	44	5220	ANT1		PASS
	48	5240	ANT1		PASS
	52	5260	ANT1		PASS
	60	5300	ANT1		PASS
	64	5320	ANT1		PASS
	100	5500	ANT1		PASS
	116	5580	ANT1		PASS
	140	5700	ANT1		PASS
	149	5745	ANT1		PASS
	157	5785	ANT1		PASS
	165	5825	ANT1		PASS
11AC40	38	5190	ANT 1		PASS
	46	5230	ANT 1		PASS
	54	5270	ANT 1		PASS
	62	5310	ANT 1		PASS
	102	5510	ANT 1		PASS
	110	5550	ANT 1		PASS
	134	5670	ANT 1		PASS
	151	5755	ANT 1		PASS
11AC80	42	5210	ANT 1		PASS
	58	5290	ANT 1		PASS
	106	5530	ANT 1		PASS
	122	5610	ANT 1		PASS
	155	5775	ANT 1		PASS



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### 4.9 Radiated Spurious Emissions

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

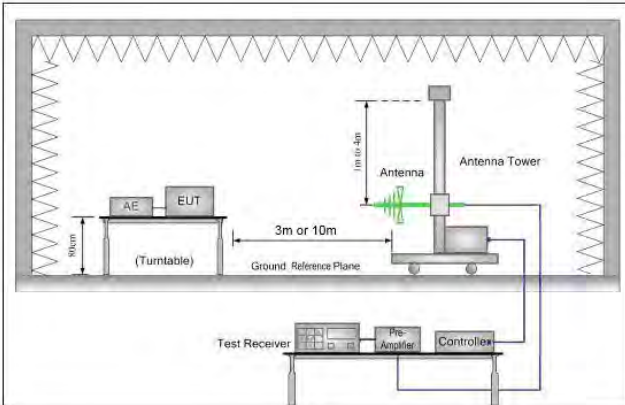


Figure 1. 30MHz to 1GHz

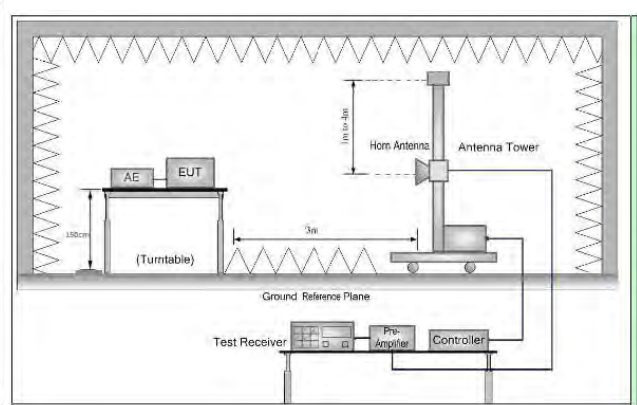


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> <li>For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>Test the EUT in the outermost channels.</li> <li>The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.</li> <li>Repeat above procedures until all frequencies measured was complete.</li> </ol>
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).

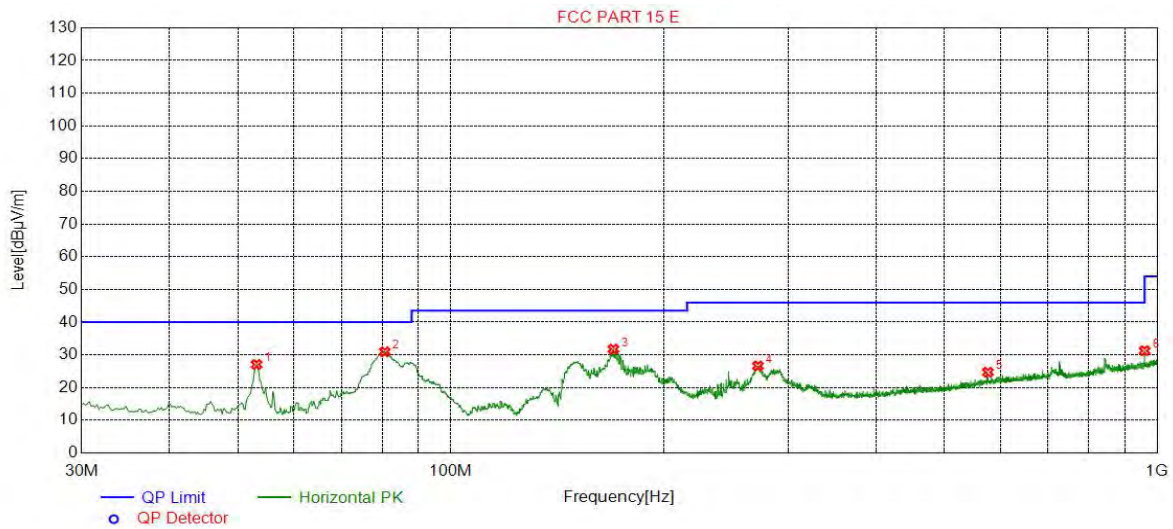


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	MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.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

#### 4.9.1 Radiated emission below 1GHz

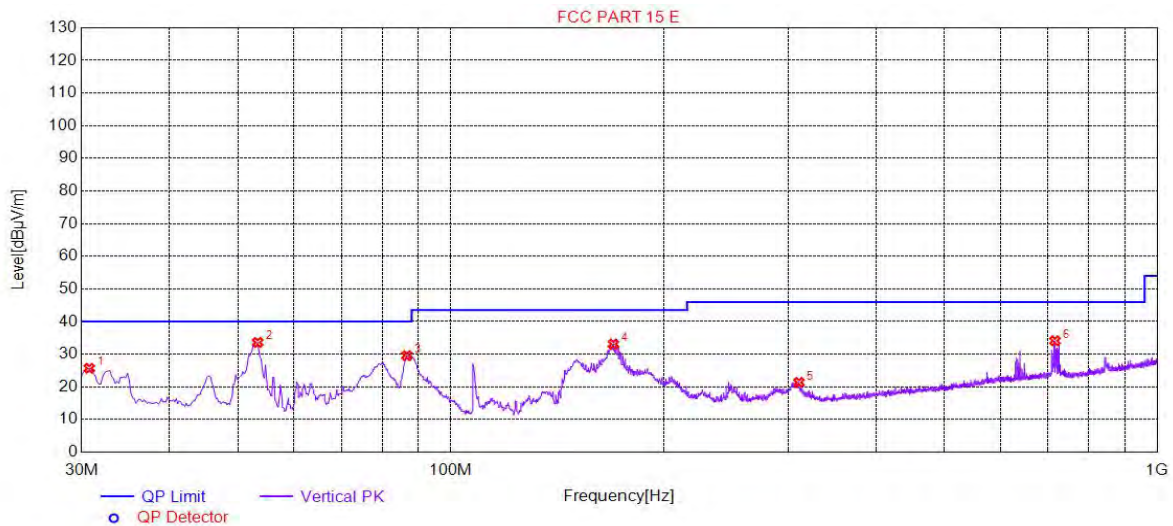


NO.	Freq. [MHz]	Level [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	53.0906	27.07	40.00	12.93	200	26	Horizontal
2	80.6441	30.94	40.00	9.06	200	262	Horizontal
3	169.9020	31.76	43.50	11.74	200	224	Horizontal
4	272.1604	26.64	46.00	19.36	100	124	Horizontal
5	576.0252	24.70	46.00	21.30	200	239	Horizontal
6	960.0280	31.29	54.00	22.71	100	156	Horizontal

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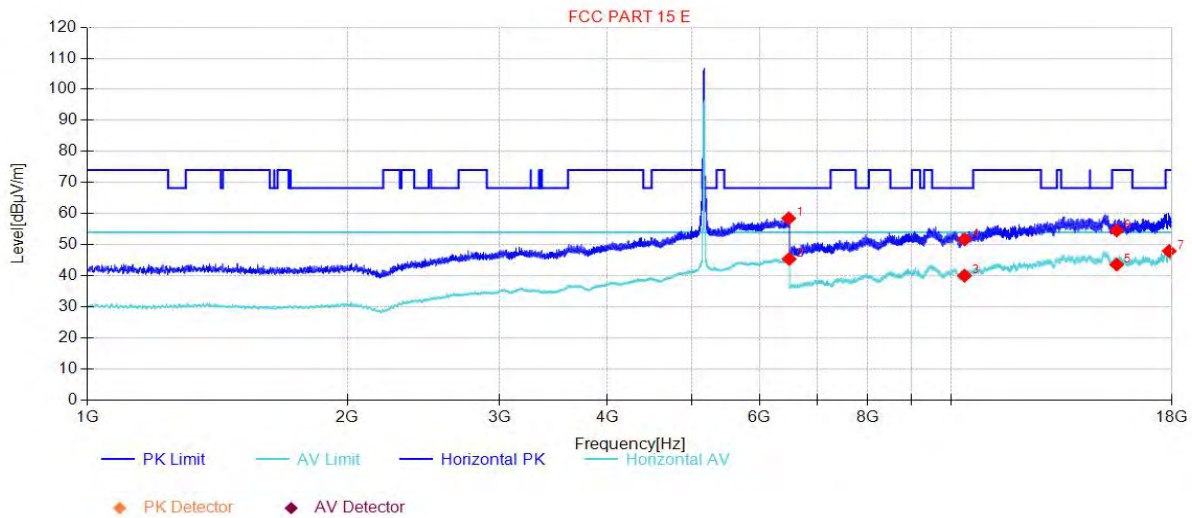
NO.	Freq. [MHz]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.7762	25.71	40.00	14.29	100	329	Vertical
2	53.2847	33.62	40.00	6.38	100	264	Vertical
3	86.6593	29.56	40.00	10.44	100	267	Vertical
4	169.9020	33.12	43.50	10.38	100	14	Vertical
5	311.1622	21.38	46.00	24.62	100	212	Vertical
6	716.7033	34.11	46.00	11.89	100	122	Vertical

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4.9.2 Transmitter emission above 1GHz  
4.9.2.1 802.11A\_Channel 36 MIMO



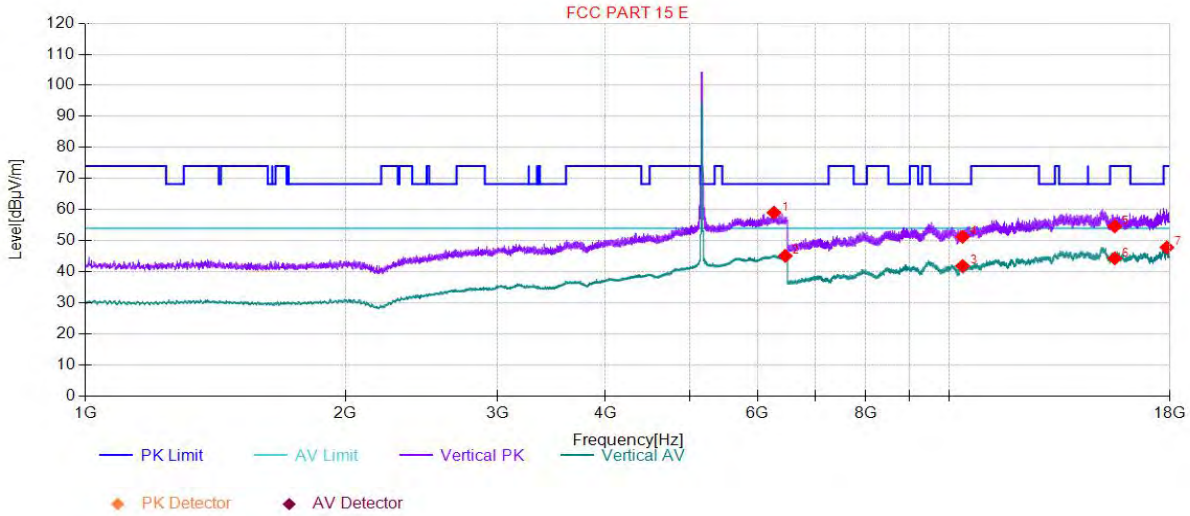
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6482.398	58.47	18.62	68.20	9.73	150	Horizontal
2	6490.649	45.38	18.66	54.00	8.62	150	Horizontal
3	10360.00	40.00	2.38	54.00	14.00	150	Horizontal
4	10360.00	51.69	2.38	68.20	16.51	150	Horizontal
5	15540.00	43.58	7.48	54.00	10.42	150	Horizontal
6	15540.00	54.55	7.48	74.00	19.45	150	Horizontal
7	17873.49	47.93	9.61	54.00	6.07	150	Horizontal

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4.9.2.2 802.11A\_Channel 36 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6266.776	59.01	18.32	68.20	9.19	150	Vertical
2	6459.295	45.09	18.49	54.00	8.91	150	Vertical
3	10360.00	41.82	2.38	54.00	12.18	150	Vertical
4	10360.00	51.25	2.38	68.20	16.95	150	Vertical
5	15540.00	54.60	7.48	74.00	19.40	150	Vertical
6	15540.00	44.28	7.48	54.00	9.72	150	Vertical
7	17857.96	47.80	9.49	54.00	6.20	150	Vertical

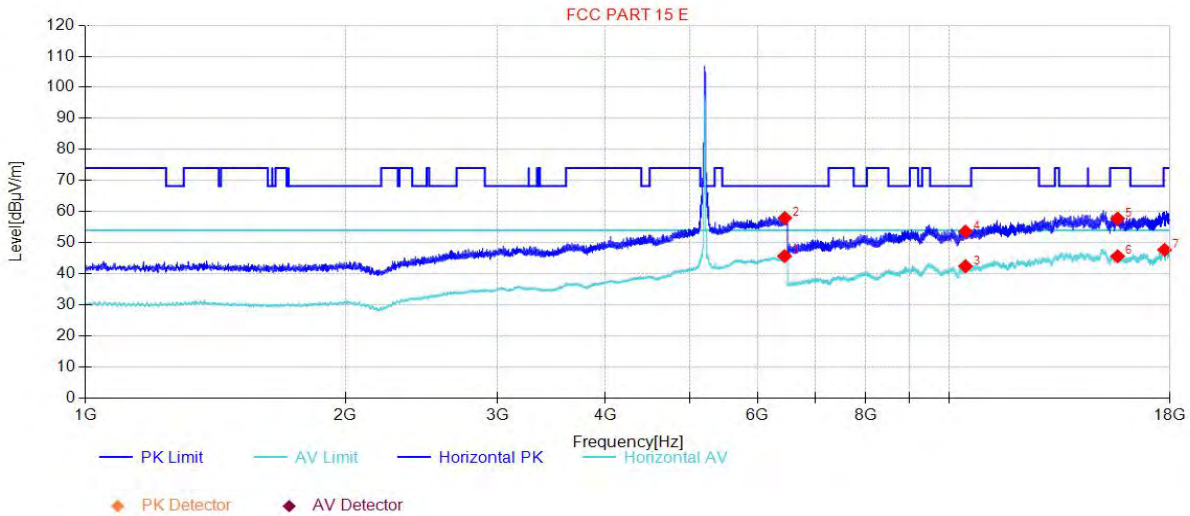
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4.9.2.3 802.11A\_Channel 44 MIMO



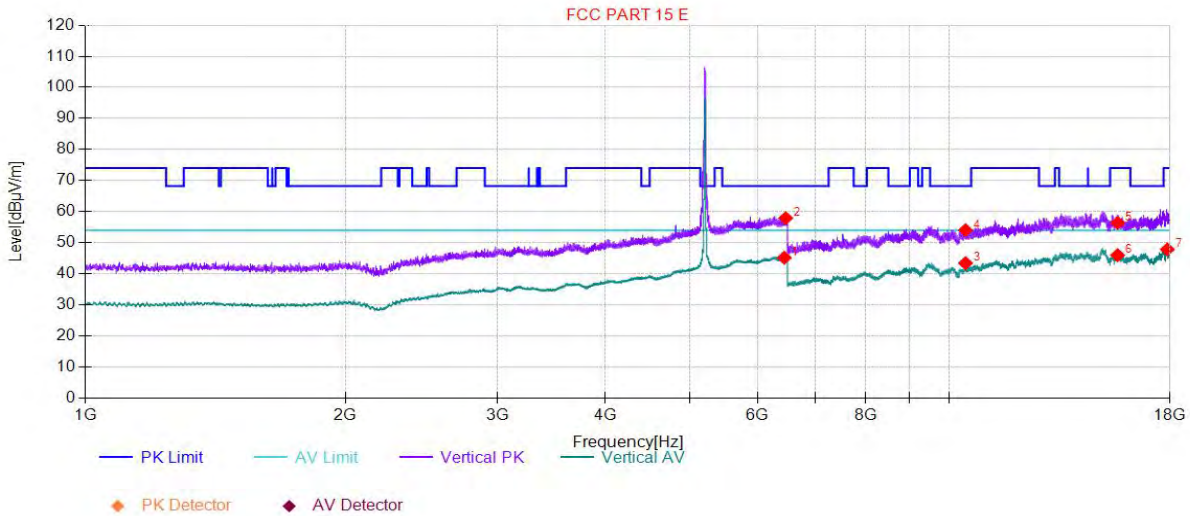
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6446.094	45.66	18.42	54.00	8.34	150	Horizontal
2	6451.045	57.94	18.44	68.20	10.26	150	Horizontal
3	10440.00	42.41	2.46	54.00	11.59	150	Horizontal
4	10440.00	53.52	2.46	68.20	14.68	150	Horizontal
5	15660.00	57.74	7.72	74.00	16.26	150	Horizontal
6	15660.00	45.59	7.72	54.00	8.41	150	Horizontal
7	17748.13	47.68	9.29	54.00	6.32	150	Horizontal

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4.9.2.4 802.11A\_Channel 44 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6441.144	45.15	18.39	54.00	8.85	150	Vertical
2	6465.896	57.89	18.53	68.20	10.31	150	Vertical
3	10440.00	43.38	2.46	54.00	10.62	150	Vertical
4	10440.00	54.01	2.46	68.20	14.19	150	Vertical
5	15660.00	56.35	7.72	74.00	17.65	150	Vertical
6	15660.00	45.95	7.72	54.00	8.05	150	Vertical
7	17879.81	47.81	9.67	54.00	6.19	150	Vertical

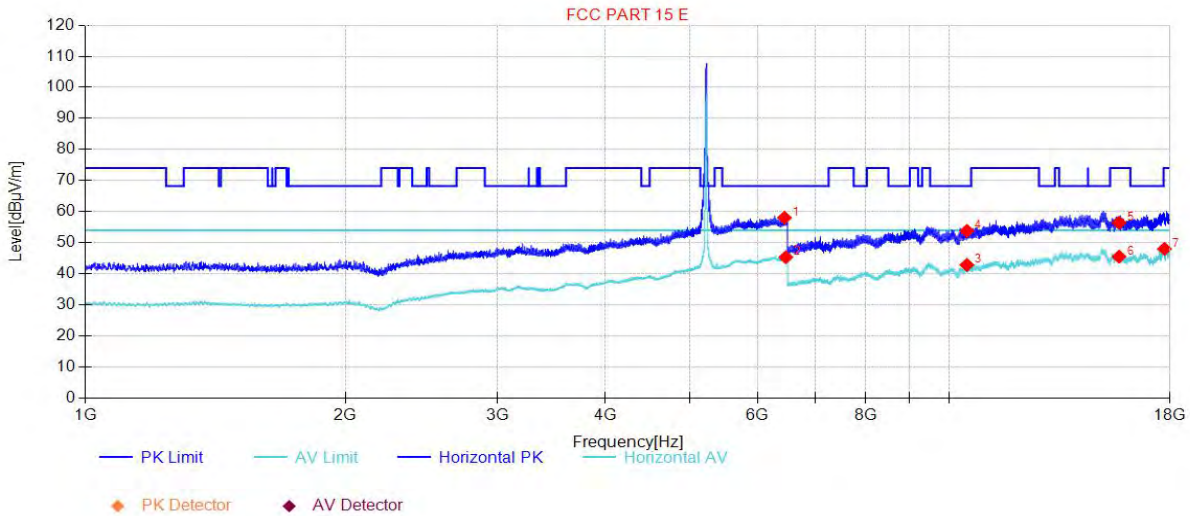
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4.9.2.5 802.11A\_Channel 48 MIMO



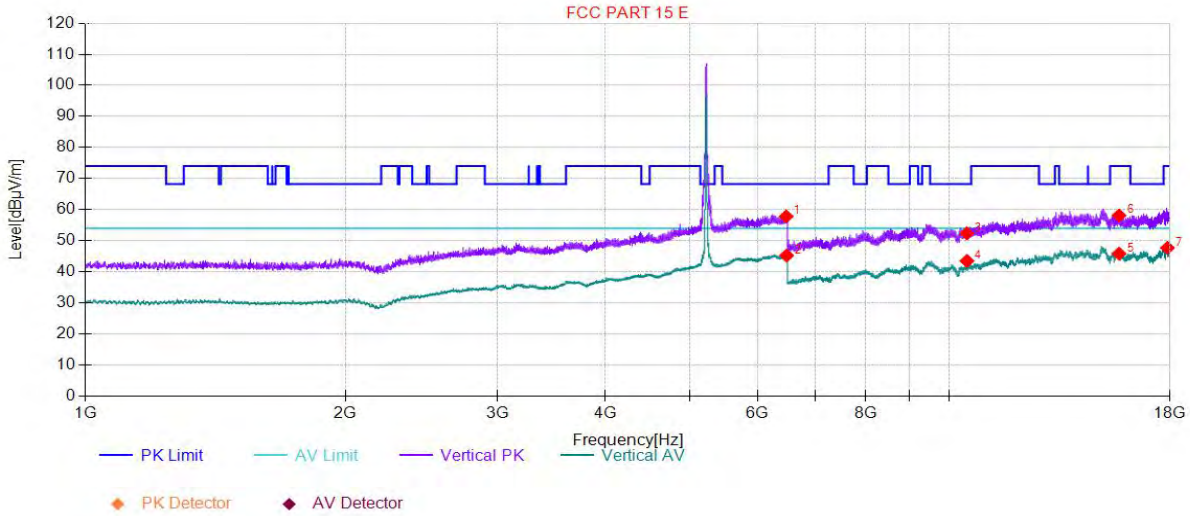
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.444	58.01	18.41	68.20	10.19	150	Horizontal
2	6466.996	45.30	18.53	54.00	8.70	150	Horizontal
3	10480.00	42.82	2.49	54.00	11.18	150	Horizontal
4	10480.00	53.76	2.49	68.20	14.44	150	Horizontal
5	15720.00	56.42	7.72	74.00	17.58	150	Horizontal
6	15720.00	45.48	7.72	54.00	8.52	150	Horizontal
7	17740.66	47.98	9.33	54.00	6.02	150	Horizontal

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4.9.2.6 802.11A\_Channel 48 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6474.147	57.79	18.57	68.20	10.41	150	Vertical
2	6480.748	45.21	18.61	54.00	8.79	150	Vertical
3	10480.00	52.34	2.49	68.20	15.86	150	Vertical
4	10480.00	43.47	2.49	54.00	10.53	150	Vertical
5	15720.00	45.80	7.72	54.00	8.20	150	Vertical
6	15720.00	58.10	7.72	74.00	15.90	150	Vertical
7	17882.69	47.67	9.69	54.00	6.33	150	Vertical

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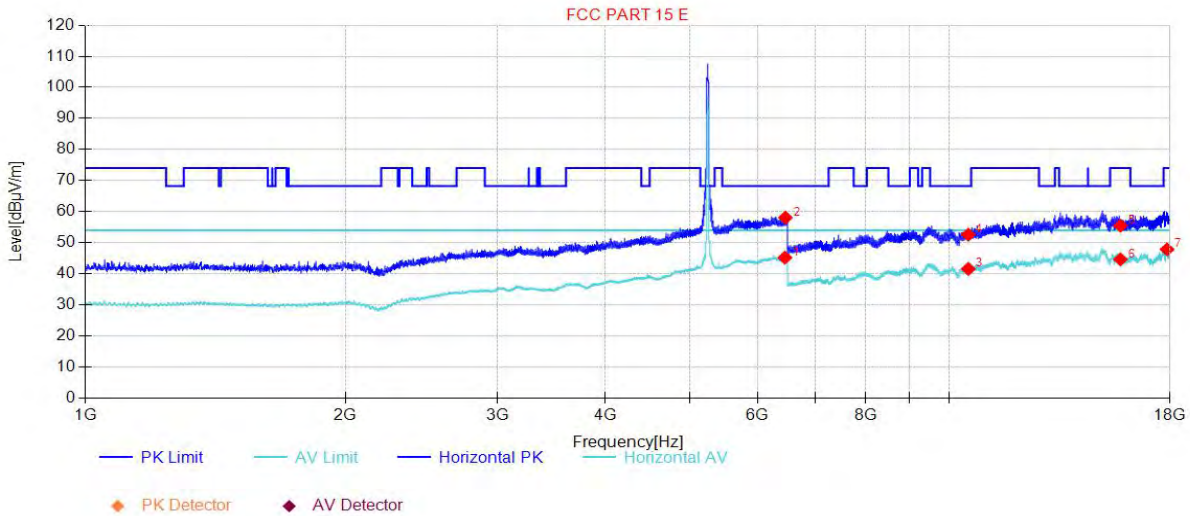


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4.9.2.7 802.11A\_Channel 52 MIMO



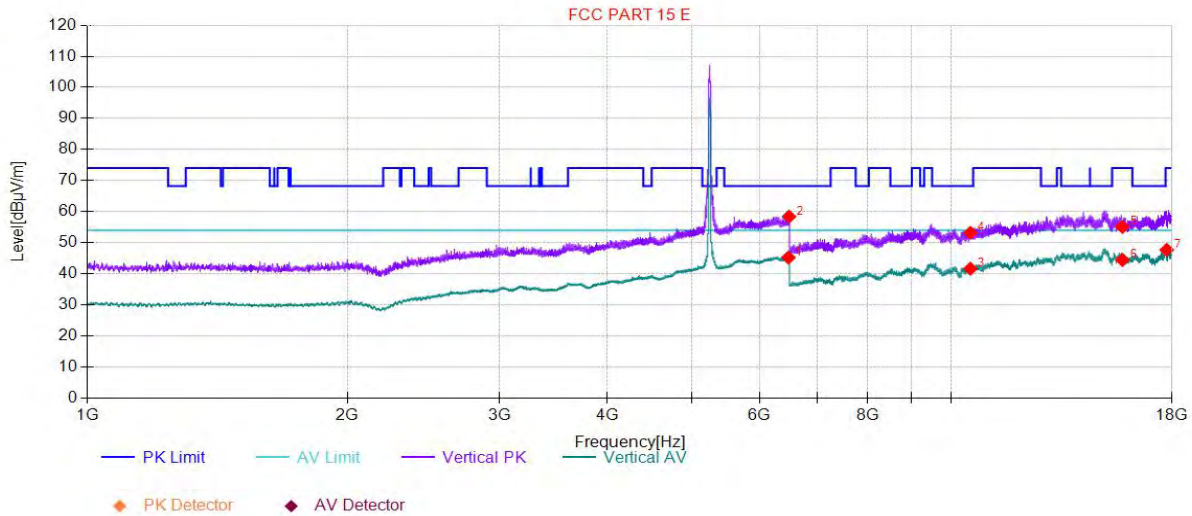
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.595	45.17	18.45	54.00	8.83	150	Horizontal
2	6462.046	58.05	18.50	68.20	10.15	150	Horizontal
3	10520.00	41.53	2.45	54.00	12.47	150	Horizontal
4	10520.00	52.57	2.45	68.20	15.63	150	Horizontal
5	15780.00	55.45	6.50	74.00	18.55	150	Horizontal
6	15780.00	44.61	6.50	54.00	9.39	150	Horizontal
7	17867.16	47.82	9.56	54.00	6.18	150	Horizontal

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4.9.2.8 802.11A\_Channel 52 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6477.997	45.18	18.59	54.00	8.82	150	Vertical
2	6488.448	58.37	18.65	68.20	9.83	150	Vertical
3	10520.00	41.60	2.45	54.00	12.40	150	Vertical
4	10520.00	53.15	2.45	68.20	15.05	150	Vertical
5	15780.00	55.08	6.50	74.00	18.92	150	Vertical
6	15780.00	44.42	6.50	54.00	9.58	150	Vertical
7	17755.03	47.68	9.25	54.00	6.32	150	Vertical

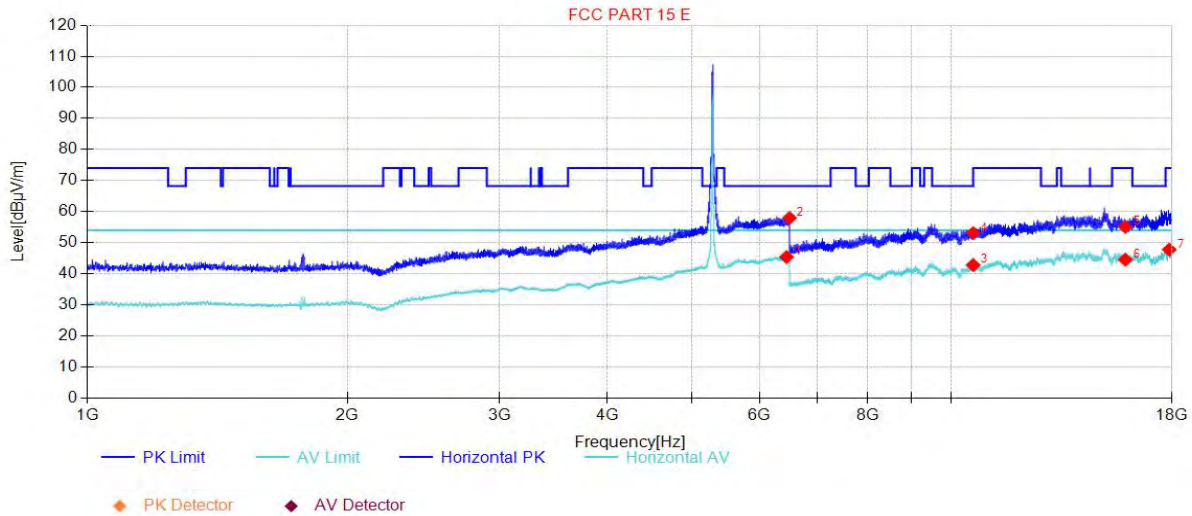
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4.9.2.9 802.11A\_Channel 60 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6445.544	45.36	18.41	54.00	8.64	150	Horizontal
2	6496.149	57.95	18.69	68.20	10.25	150	Horizontal
3	10600.00	42.79	2.23	54.00	11.21	150	Horizontal
4	10600.00	53.05	2.23	74.00	20.95	150	Horizontal
5	15900.00	55.06	7.28	74.00	18.94	150	Horizontal
6	15900.00	44.52	7.28	54.00	9.48	150	Horizontal
7	17873.49	47.74	9.61	54.00	6.26	150	Horizontal

Final Data List

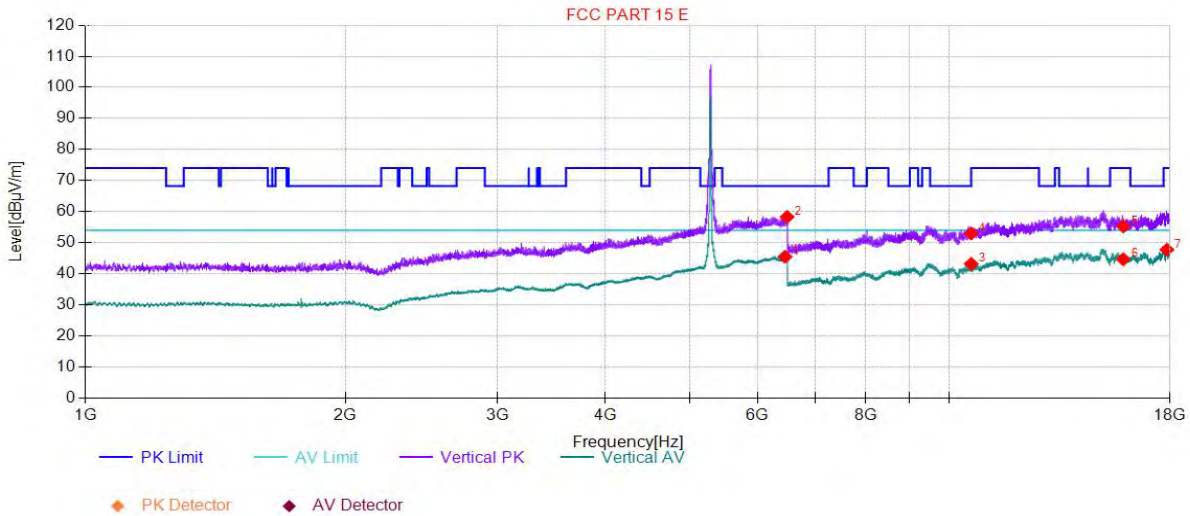


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4.9.2.10 802.11A\_Channel 60 MIMO



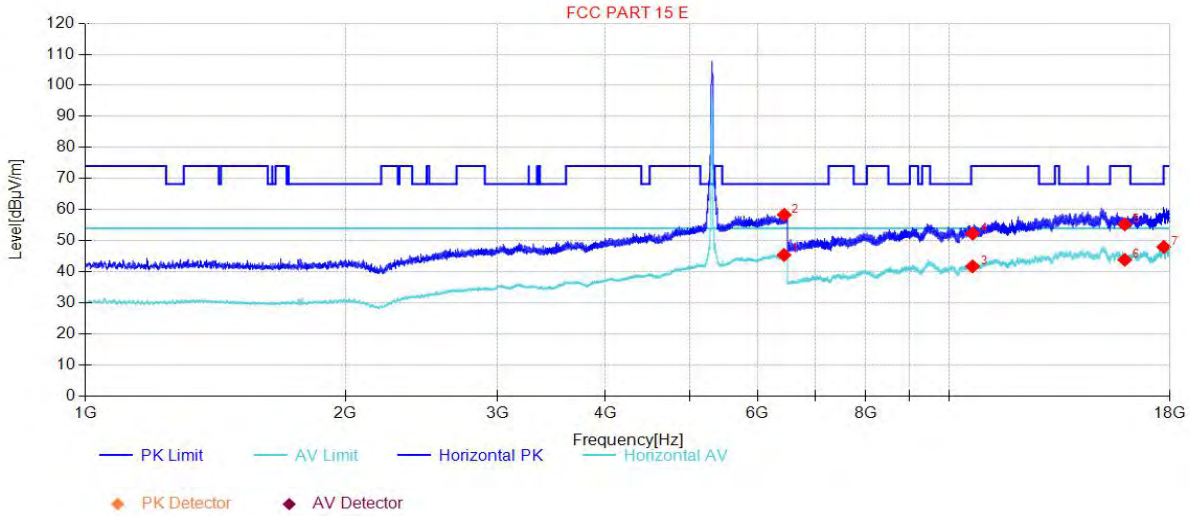
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6454.345	45.45	18.46	54.00	8.55	150	Vertical
2	6489.549	58.27	18.66	68.20	9.93	150	Vertical
3	10600.00	43.13	2.23	54.00	10.87	150	Vertical
4	10600.00	52.94	2.23	74.00	21.06	150	Vertical
5	15900.00	55.22	7.28	74.00	18.78	150	Vertical
6	15900.00	44.64	7.28	54.00	9.36	150	Vertical
7	17856.81	47.73	9.48	54.00	6.27	150	Vertical

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4.9.2.11 802.11A\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6436.743	45.38	18.36	54.00	8.62	150	Horizontal
2	6441.694	58.31	18.39	68.20	9.89	150	Horizontal
3	10640.00	41.70	2.22	54.00	12.30	150	Horizontal
4	10640.00	52.26	2.22	74.00	21.74	150	Horizontal
5	15960.00	55.23	6.40	74.00	18.77	150	Horizontal
6	15960.00	43.83	6.40	54.00	10.17	150	Horizontal
7	17706.16	47.95	9.52	54.00	6.05	150	Horizontal

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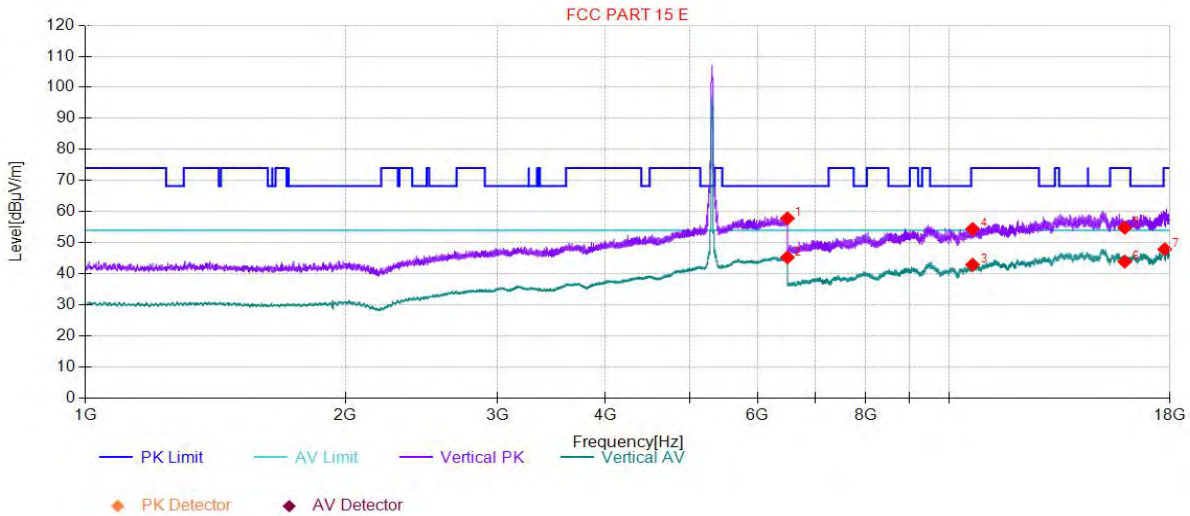


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4.9.2.12 802.11A\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6494.499	57.81	18.68	68.20	10.39	150	Vertical
2	6495.049	45.24	18.69	54.00	8.76	150	Vertical
3	10640.00	42.87	2.22	54.00	11.13	150	Vertical
4	10640.00	54.37	2.22	74.00	19.63	150	Vertical
5	15960.00	54.77	6.40	74.00	19.23	150	Vertical
6	15960.00	43.88	6.40	54.00	10.12	150	Vertical
7	17753.31	47.86	9.26	54.00	6.14	150	Vertical

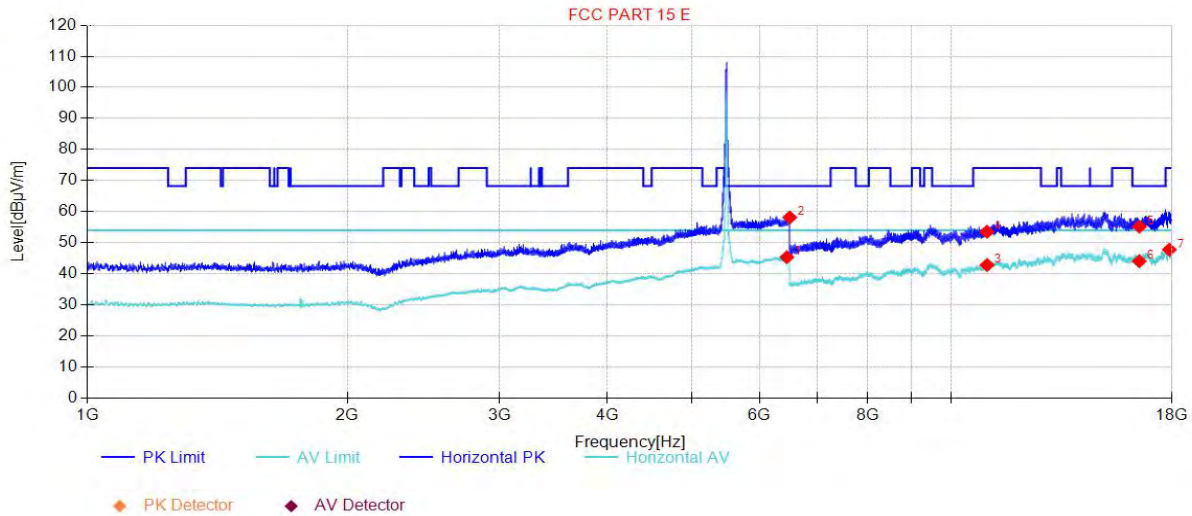
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4.9.2.13 802.11A\_Channel 100 MIMO



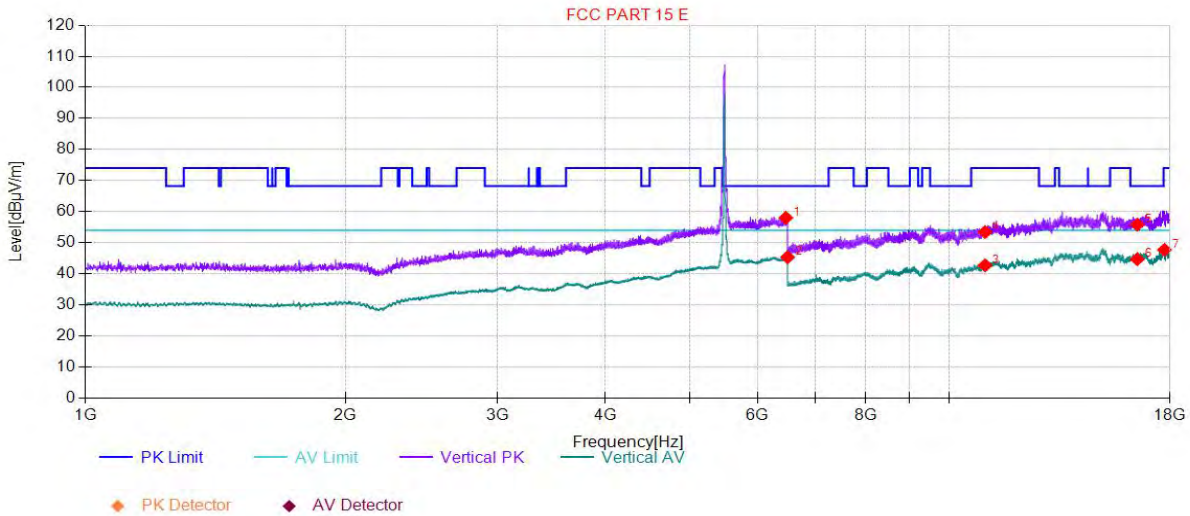
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.045	45.30	18.44	54.00	8.70	150	Horizontal
2	6500.000	58.11	18.72	68.20	10.09	150	Horizontal
3	11000.00	42.80	2.74	54.00	11.20	150	Horizontal
4	11000.00	53.50	2.74	74.00	20.50	150	Horizontal
5	16500.00	55.17	6.09	68.20	13.03	150	Horizontal
6	16500.00	44.03	6.09	54.00	9.97	150	Horizontal
7	17880.96	47.74	9.68	54.00	6.26	150	Horizontal

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4.9.2.14 802.11A\_Channel 100 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6467.546	58.00	18.53	68.20	10.20	150	Vertical
2	6498.349	45.30	18.71	54.00	8.70	150	Vertical
3	11000.00	42.68	2.74	54.00	11.32	150	Vertical
4	11000.00	53.40	2.74	74.00	20.60	150	Vertical
5	16500.00	55.80	6.09	68.20	12.40	150	Vertical
6	16500.00	44.68	6.09	54.00	9.32	150	Vertical
7	17741.81	47.67	9.33	54.00	6.33	150	Vertical

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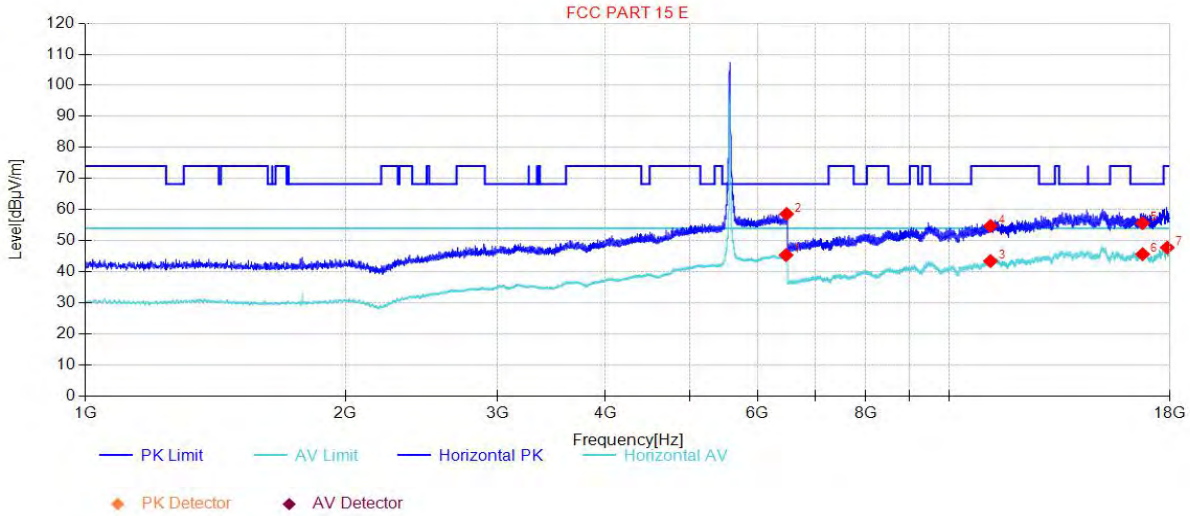


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4.9.2.15 802.11A\_Channel 116 MIMO



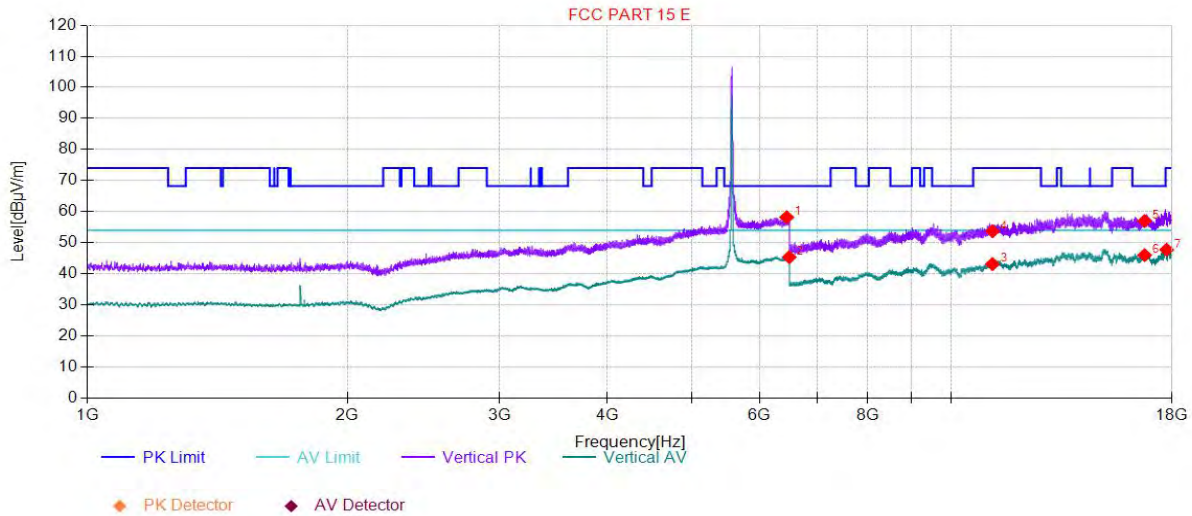
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6470.847	45.34	18.55	54.00	8.66	150	Horizontal
2	6481.848	58.57	18.61	68.20	9.63	150	Horizontal
3	11160.00	43.42	2.54	54.00	10.58	150	Horizontal
4	11160.00	54.74	2.54	74.00	19.26	150	Horizontal
5	16740.00	55.62	6.93	68.20	12.58	150	Horizontal
6	16740.00	45.61	6.93	54.00	8.39	150	Horizontal
7	17874.06	47.77	9.62	54.00	6.23	150	Horizontal

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4.9.2.16 802.11A\_Channel 116 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6449.394	58.17	18.43	68.20	10.03	150	Vertical
2	6492.299	45.31	18.67	54.00	8.69	150	Vertical
3	11160.00	43.09	2.54	54.00	10.91	150	Vertical
4	11160.00	53.65	2.54	74.00	20.35	150	Vertical
5	16740.00	56.95	6.93	68.20	11.25	150	Vertical
6	16740.00	45.95	6.93	54.00	8.05	150	Vertical
7	17751.01	47.70	9.28	54.00	6.30	150	Vertical

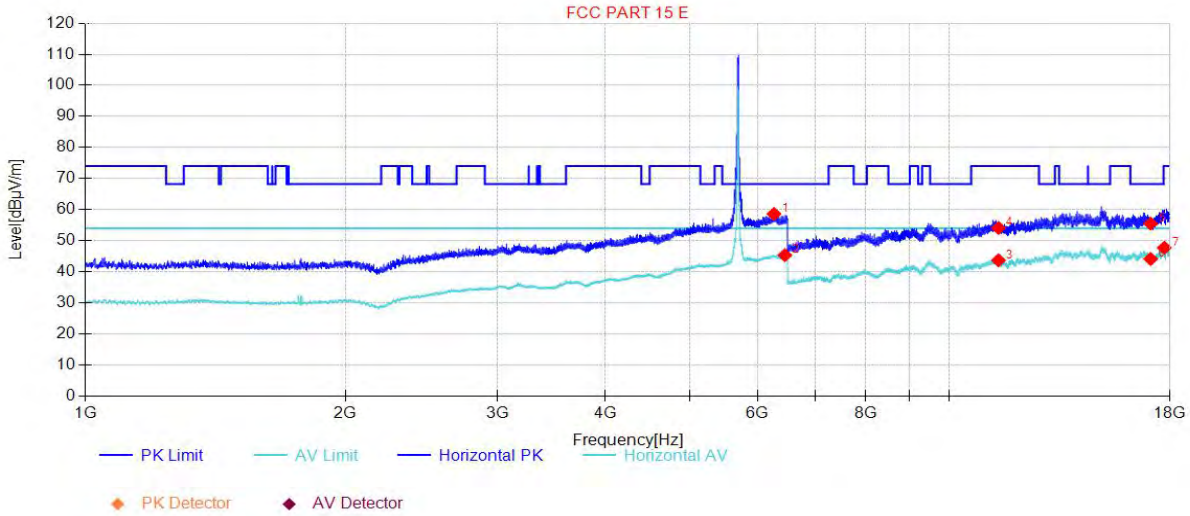
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4.9.2.17 802.11A\_Channel 140 MIMO



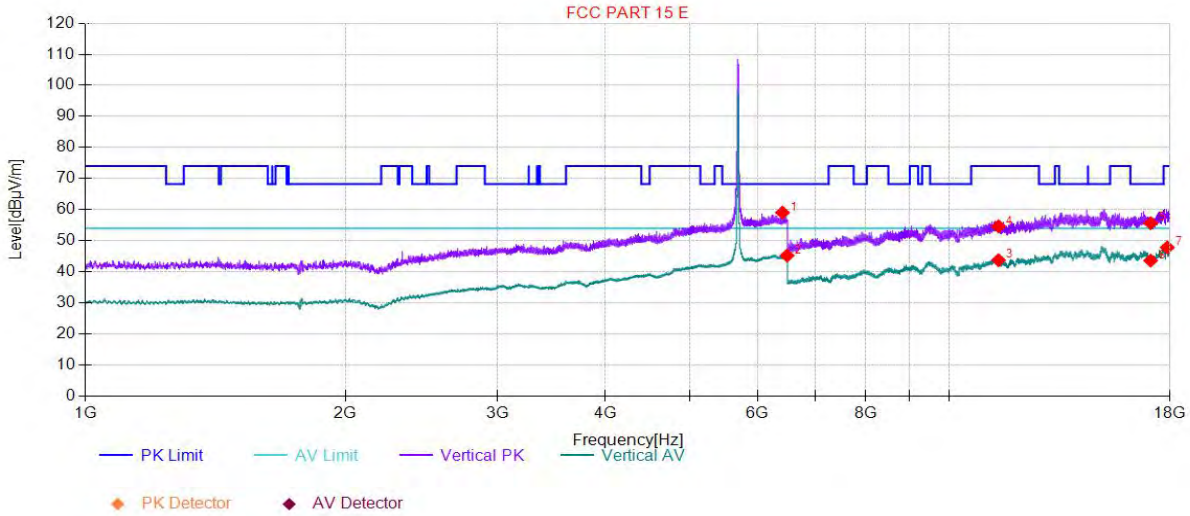
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6266.776	58.58	18.32	68.20	9.62	150	Horizontal
2	6451.045	45.31	18.44	54.00	8.69	150	Horizontal
3	11400.00	43.66	2.53	54.00	10.34	150	Horizontal
4	11400.00	54.10	2.53	74.00	19.90	150	Horizontal
5	17100.00	55.48	6.72	68.20	12.72	150	Horizontal
6	17100.00	44.09	6.72	54.00	9.91	150	Horizontal
7	17736.63	47.70	9.36	54.00	6.30	150	Horizontal

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4.9.2.18 802.11A\_Channel 140 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6410.891	59.02	18.22	68.20	9.18	150	Vertical
2	6488.998	45.18	18.65	54.00	8.82	150	Vertical
3	11400.00	43.71	2.53	54.00	10.29	150	Vertical
4	11400.00	54.61	2.53	74.00	19.39	150	Vertical
5	17100.00	55.64	6.72	68.20	12.56	150	Vertical
6	17100.00	43.57	6.72	54.00	10.43	150	Vertical
7	17879.24	47.82	9.66	54.00	6.18	150	Vertical

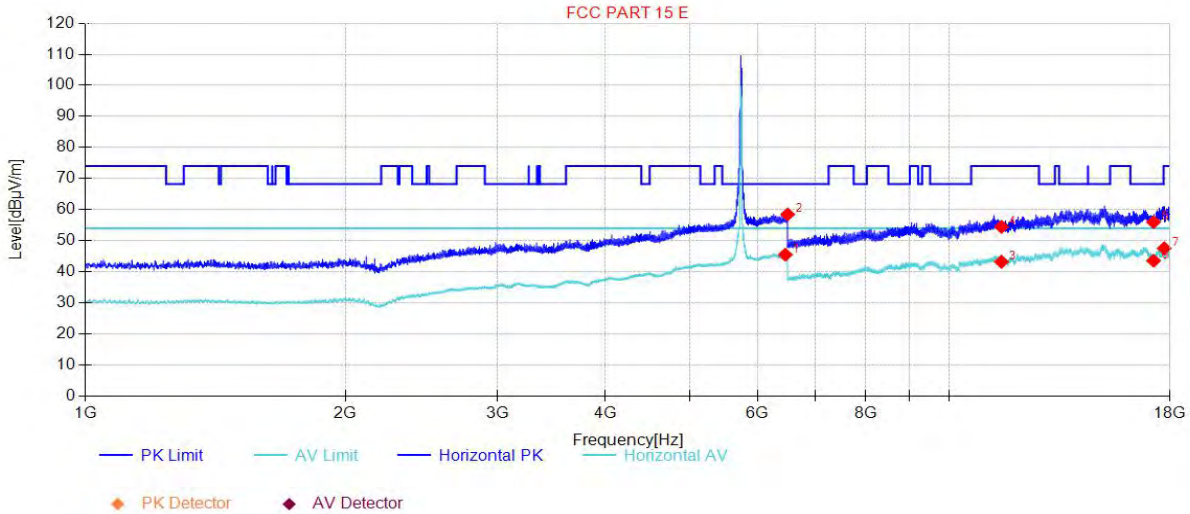
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4.9.2.19 802.11A\_Channel 149 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6459.295	45.47	18.49	54.00	8.53	150	Horizontal
2	6498.349	58.44	18.71	68.20	9.76	150	Horizontal
3	11490.00	43.20	2.10	54.00	10.80	150	Horizontal
4	11490.00	54.44	2.10	74.00	19.56	150	Horizontal
5	17235.00	55.97	7.09	68.20	12.23	150	Horizontal
6	17235.00	43.53	7.09	54.00	10.47	150	Horizontal
7	17729.73	47.52	9.39	54.00	6.48	150	Horizontal

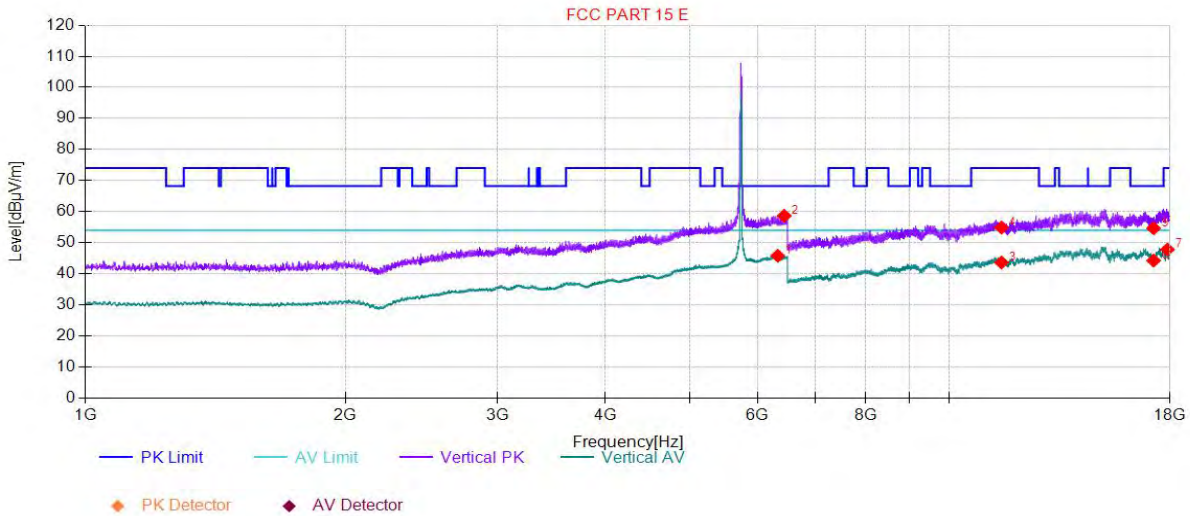
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4.9.2.20 802.11A\_Channel 149 MIMO



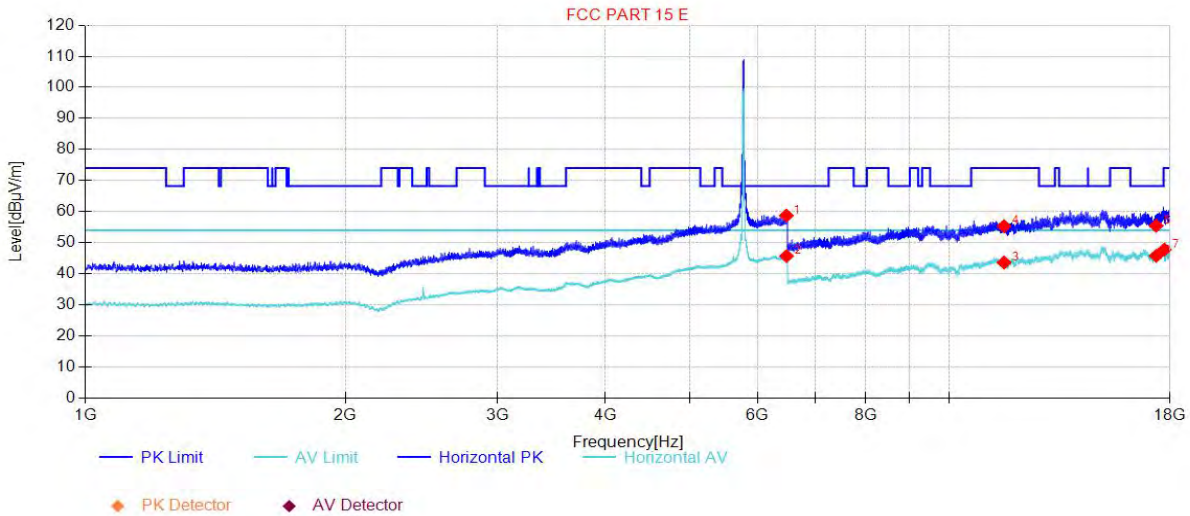
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6330.033	45.77	18.39	54.00	8.23	150	Vertical
2	6440.044	58.63	18.38	68.20	9.57	150	Vertical
3	11490.00	43.60	2.10	54.00	10.40	150	Vertical
4	11490.00	54.86	2.10	74.00	19.14	150	Vertical
5	17235.00	54.62	7.09	68.20	13.58	150	Vertical
6	17235.00	44.22	7.09	54.00	9.78	150	Vertical
7	17884.99	47.80	9.71	54.00	6.20	150	Vertical

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4.9.2.21 802.11A\_Channel 157 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6477.447	58.69	18.59	68.20	9.51	150	Horizontal
2	6480.198	45.68	18.61	54.00	8.32	150	Horizontal
3	11570.00	43.58	2.91	54.00	10.42	150	Horizontal
4	11570.00	55.28	2.91	74.00	18.72	150	Horizontal
5	17355.00	55.43	7.75	68.20	12.77	150	Horizontal
6	17355.00	45.74	7.75	54.00	8.26	150	Horizontal
7	17733.76	47.75	9.37	54.00	6.25	150	Horizontal

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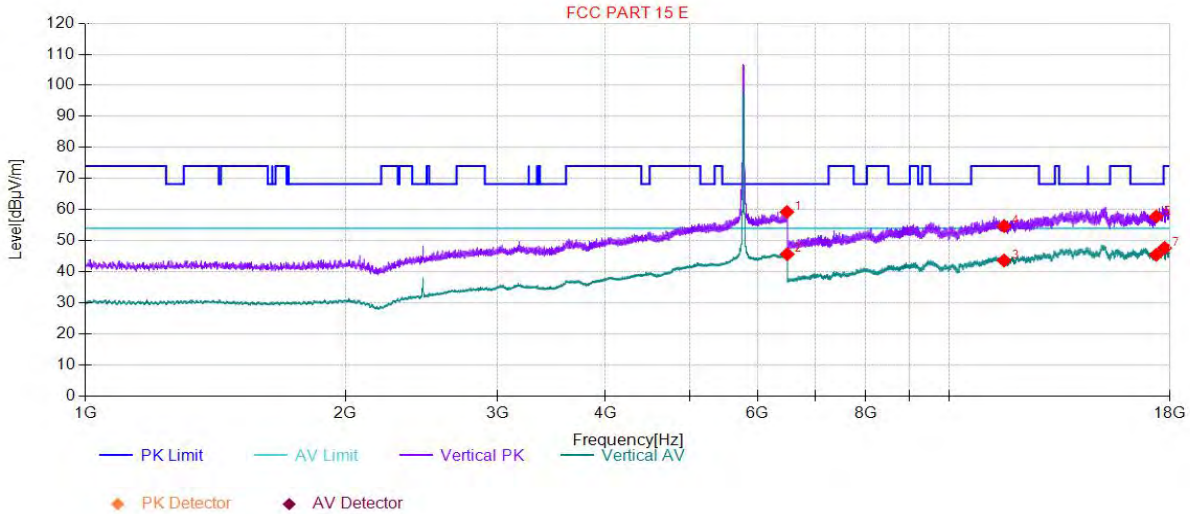


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4.9.2.22 802.11A\_Channel 157 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6486.248	59.21	18.64	68.20	8.99	150	Vertical
2	6490.649	45.62	18.66	54.00	8.38	150	Vertical
3	11570.00	43.61	2.91	54.00	10.39	150	Vertical
4	11570.00	54.69	2.91	74.00	19.31	150	Vertical
5	17355.00	57.76	7.75	68.20	10.44	150	Vertical
6	17355.00	45.42	7.75	54.00	8.58	150	Vertical
7	17744.68	47.63	9.31	54.00	6.37	150	Vertical

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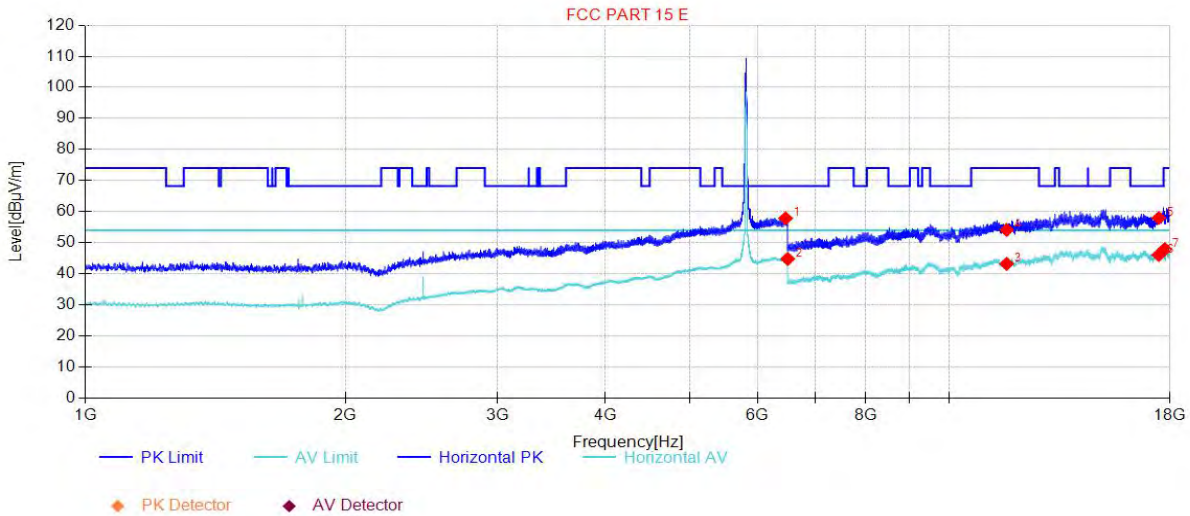


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4.9.2.23 802.11A\_Channel 165 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6463.696	57.82	18.51	68.20	10.38	150	Horizontal
2	6500.000	44.76	18.72	54.00	9.24	150	Horizontal
3	11650.00	43.16	2.57	54.00	10.84	150	Horizontal
4	11650.00	54.11	2.57	74.00	19.89	150	Horizontal
5	17475.00	57.92	8.42	68.20	10.28	150	Horizontal
6	17475.00	46.03	8.42	54.00	7.97	150	Horizontal
7	17752.73	47.89	9.27	54.00	6.11	150	Horizontal

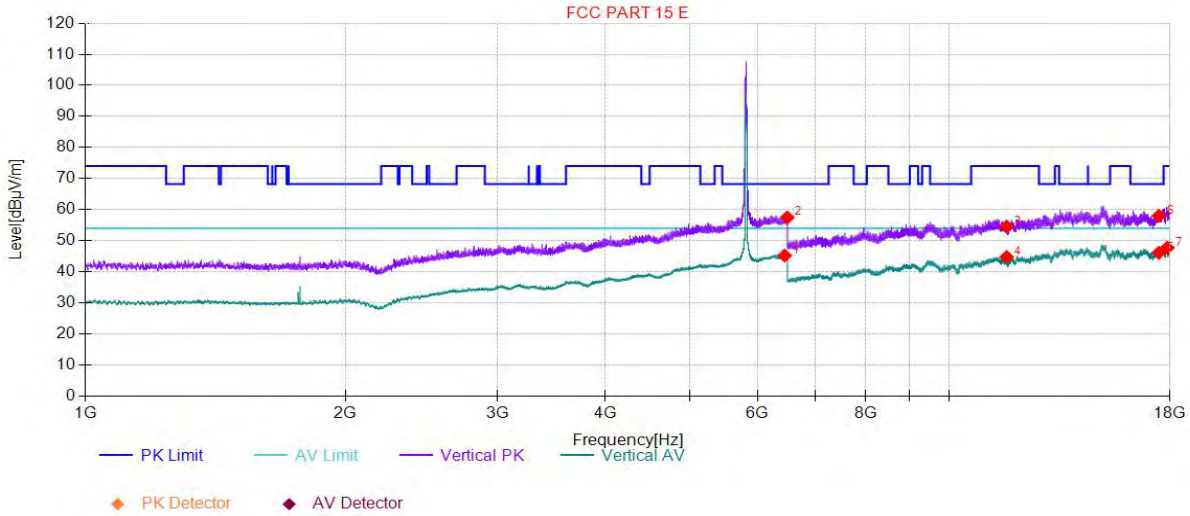
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4.9.2.24 802.11A\_Channel 165 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6446.644	45.20	18.42	54.00	8.80	150	Vertical
2	6492.849	57.47	18.68	68.20	10.73	150	Vertical
3	11650.00	54.49	2.57	74.00	19.51	150	Vertical
4	11650.00	44.73	2.57	54.00	9.27	150	Vertical
5	17475.00	46.07	8.42	54.00	7.93	150	Vertical
6	17475.00	57.98	8.42	68.20	10.22	150	Vertical
7	17872.91	47.69	9.61	54.00	6.31	150	Vertical

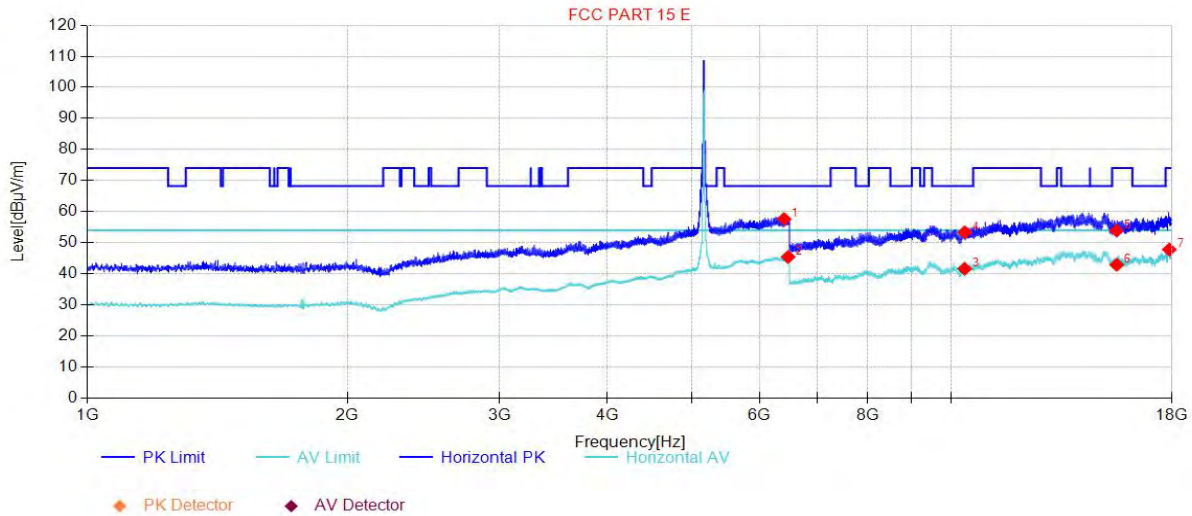
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4.9.2.25 802.11N20\_Channel 36 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6402.640	57.58	18.17	68.20	10.62	150	Horizontal
2	6471.397	45.37	18.56	54.00	8.63	150	Horizontal
3	10360.00	41.57	2.38	54.00	12.43	150	Horizontal
4	10360.00	53.31	2.38	68.20	14.89	150	Horizontal
5	15540.00	53.89	5.88	74.00	20.11	150	Horizontal
6	15540.00	42.85	5.88	54.00	11.15	150	Horizontal
7	17876.94	47.78	8.64	54.00	6.22	150	Horizontal

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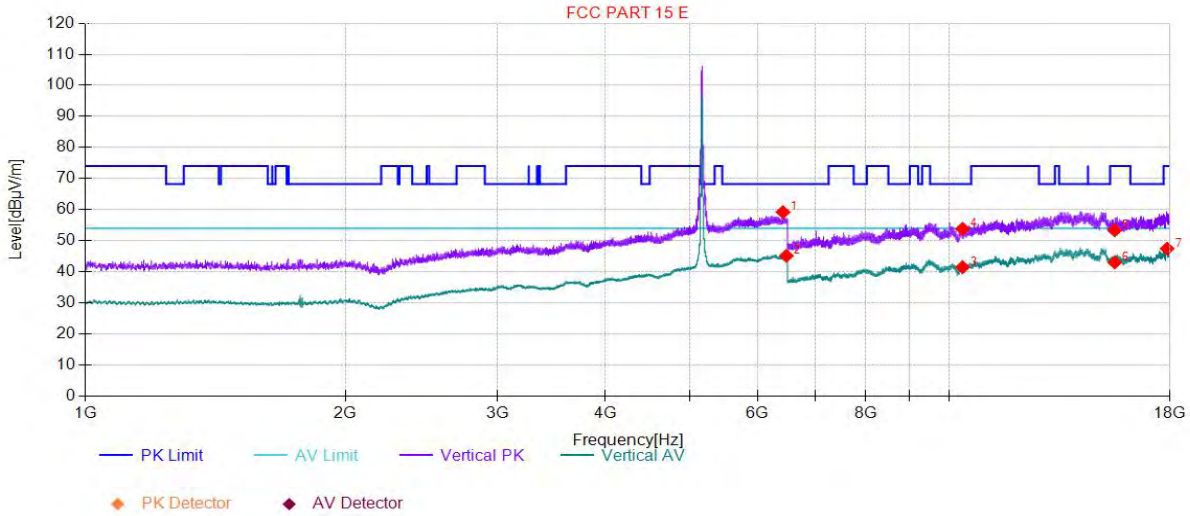


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4.9.2.26 802.11N20\_Channel 36 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6419.692	59.18	18.27	68.20	9.02	150	Vertical
2	6476.897	45.11	18.59	54.00	8.89	150	Vertical
3	10360.00	41.45	2.38	54.00	12.55	150	Vertical
4	10360.00	53.79	2.38	68.20	14.41	150	Vertical
5	15540.00	53.36	5.88	74.00	20.64	150	Vertical
6	15540.00	43.00	5.88	54.00	11.00	150	Vertical
7	17870.04	47.43	8.59	54.00	6.57	150	Vertical

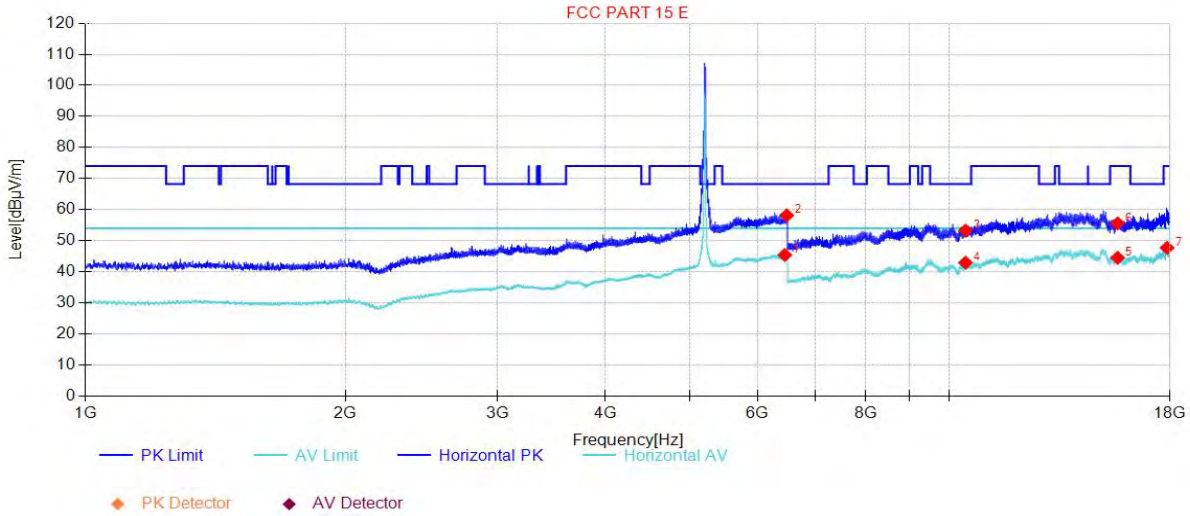
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4.9.2.27 802.11N20\_Channel 44 MIMO



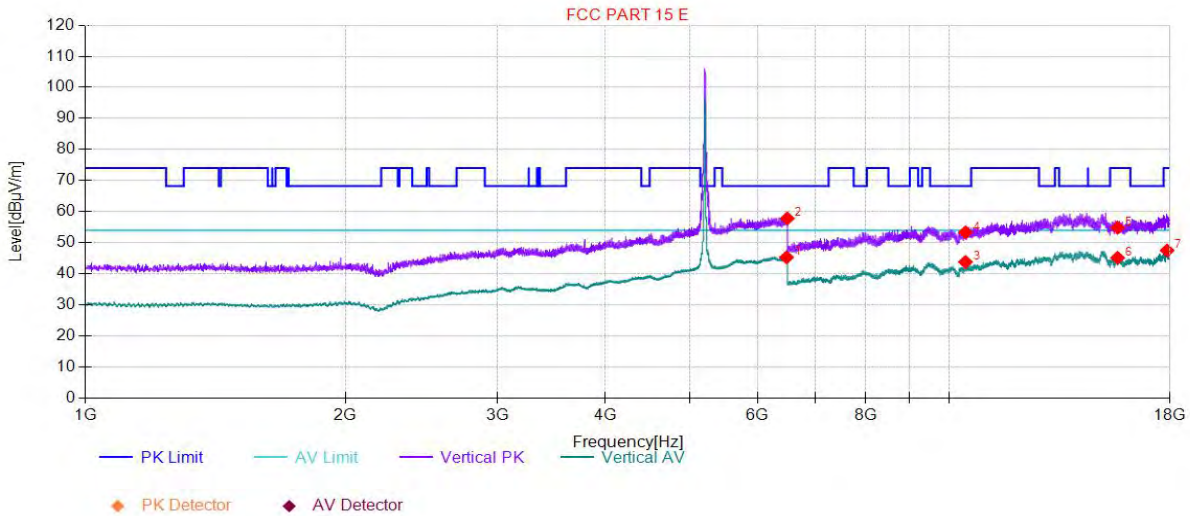
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6450.495	45.37	18.44	54.00	8.63	150	Horizontal
2	6482.398	58.12	18.62	68.20	10.08	150	Horizontal
3	10440.00	53.19	2.46	68.20	15.01	150	Horizontal
4	10440.00	42.89	2.46	54.00	11.11	150	Horizontal
5	15660.00	44.48	6.12	54.00	9.52	150	Horizontal
6	15660.00	55.53	6.12	74.00	18.47	150	Horizontal
7	17869.46	47.69	8.58	54.00	6.31	150	Horizontal

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4.9.2.28 802.11N20\_Channel 44 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6480.198	45.26	18.61	54.00	8.74	150	Vertical
2	6493.399	57.78	18.68	68.20	10.42	150	Vertical
3	10440.00	43.76	2.46	54.00	10.24	150	Vertical
4	10440.00	53.30	2.46	68.20	14.90	150	Vertical
5	15660.00	54.81	6.12	74.00	19.19	150	Vertical
6	15660.00	45.10	6.12	54.00	8.90	150	Vertical
7	17867.74	47.47	8.57	54.00	6.53	150	Vertical

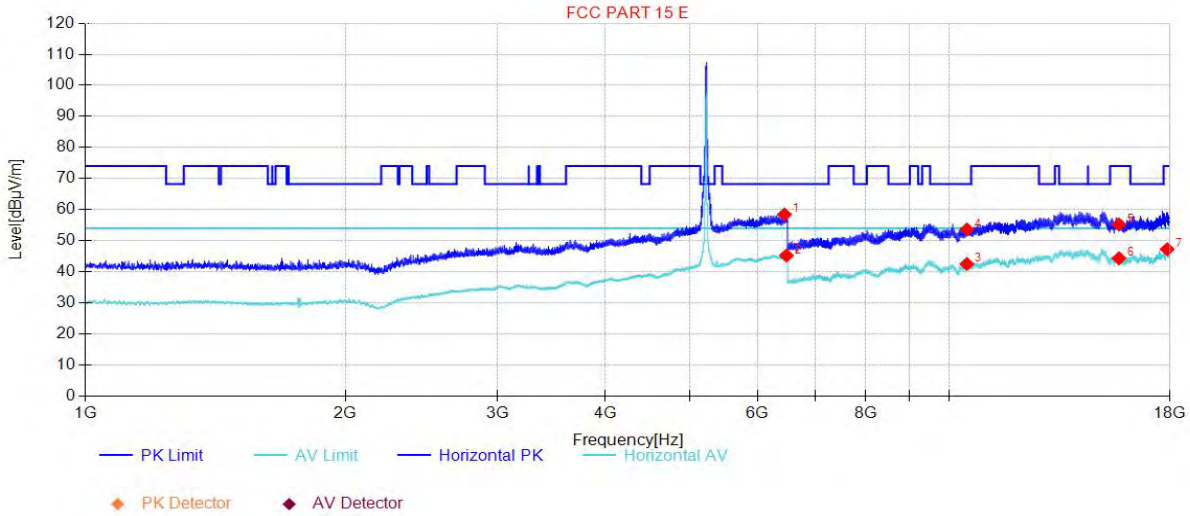
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4.9.2.29 802.11N20\_Channel 48 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6443.894	58.43	18.40	68.20	9.77	150	Horizontal
2	6479.648	45.21	18.60	54.00	8.79	150	Horizontal
3	10480.00	42.47	2.49	54.00	11.53	150	Horizontal
4	10480.00	53.57	2.49	68.20	14.63	150	Horizontal
5	15720.00	55.19	5.92	74.00	18.81	150	Horizontal
6	15720.00	44.31	5.92	54.00	9.69	150	Horizontal
7	17872.34	47.22	8.60	54.00	6.78	150	Horizontal

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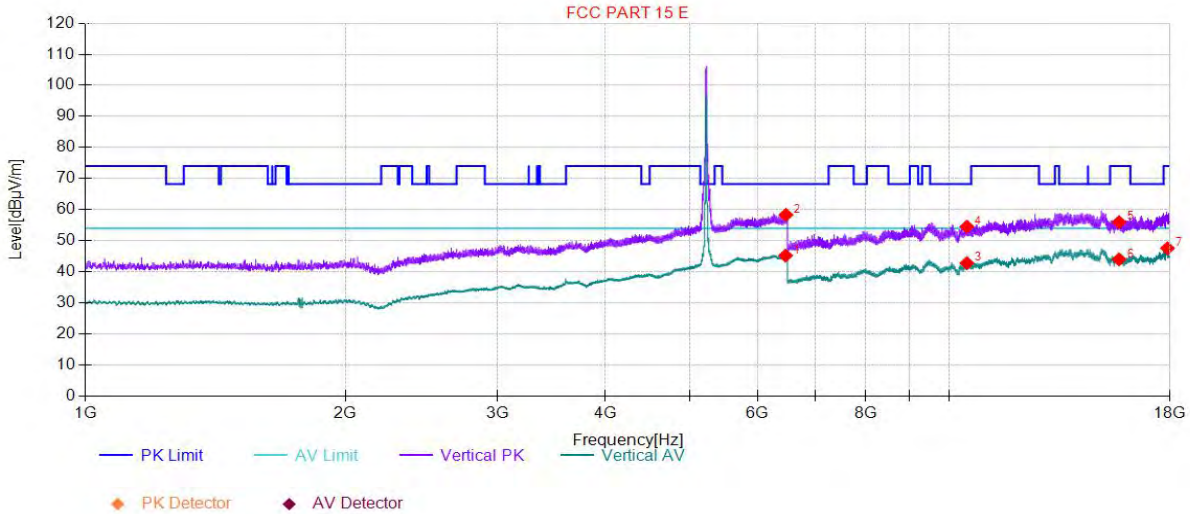


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4.9.2.30 802.11N20\_Channel 48 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6462.596	45.18	18.51	54.00	8.82	150	Vertical
2	6469.747	58.28	18.55	68.20	9.92	150	Vertical
3	10480.00	42.75	2.49	54.00	11.25	150	Vertical
4	10480.00	54.49	2.49	68.20	13.71	150	Vertical
5	15720.00	55.95	5.92	74.00	18.05	150	Vertical
6	15720.00	43.97	5.92	54.00	10.03	150	Vertical
7	17886.14	47.55	8.72	54.00	6.45	150	Vertical

Final Data List

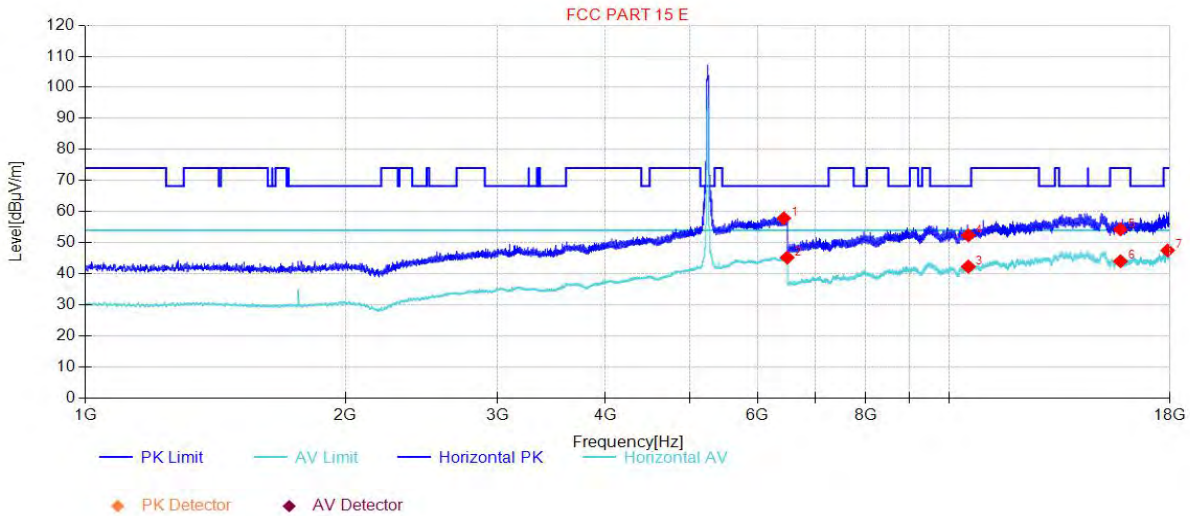


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4.9.2.31 802.11N20\_Channel 52 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.443	57.82	18.35	68.20	10.38	150	Horizontal
2	6490.649	45.18	18.66	54.00	8.82	150	Horizontal
3	10520.00	42.27	2.45	54.00	11.73	150	Horizontal
4	10520.00	52.34	2.45	68.20	15.86	150	Horizontal
5	15780.00	54.24	5.30	74.00	19.76	150	Horizontal
6	15780.00	44.01	5.30	54.00	9.99	150	Horizontal
7	17894.19	47.50	8.78	54.00	6.50	150	Horizontal

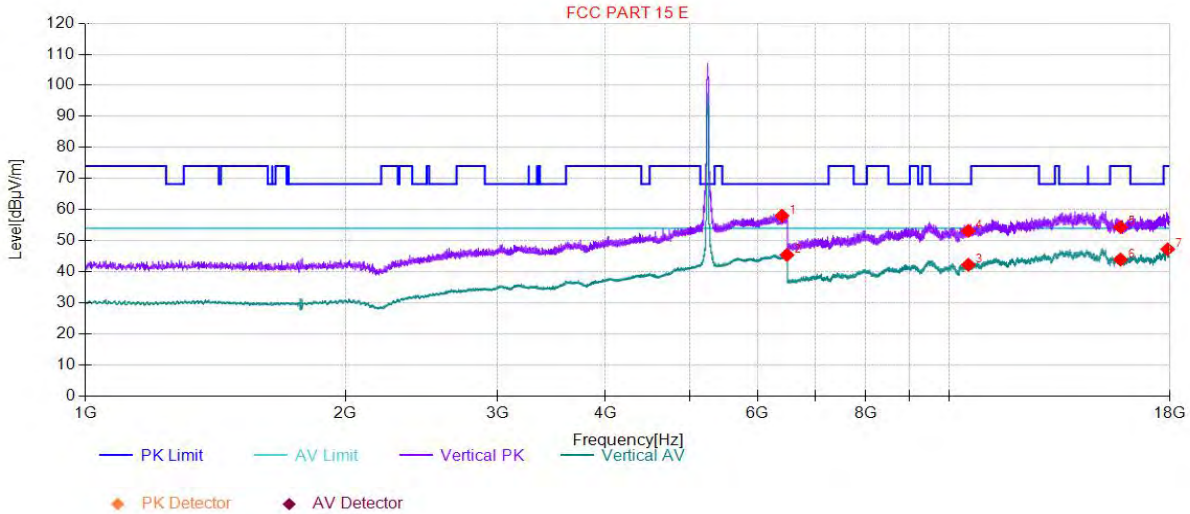
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4.9.2.32 802.11N20\_Channel 52 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6402.640	58.02	18.17	68.20	10.18	150	Vertical
2	6486.798	45.38	18.64	54.00	8.62	150	Vertical
3	10520.00	42.23	2.45	54.00	11.77	150	Vertical
4	10520.00	53.15	2.45	68.20	15.05	150	Vertical
5	15780.00	54.35	5.30	74.00	19.65	150	Vertical
6	15780.00	43.92	5.30	54.00	10.08	150	Vertical
7	17896.49	47.24	8.80	54.00	6.76	150	Vertical

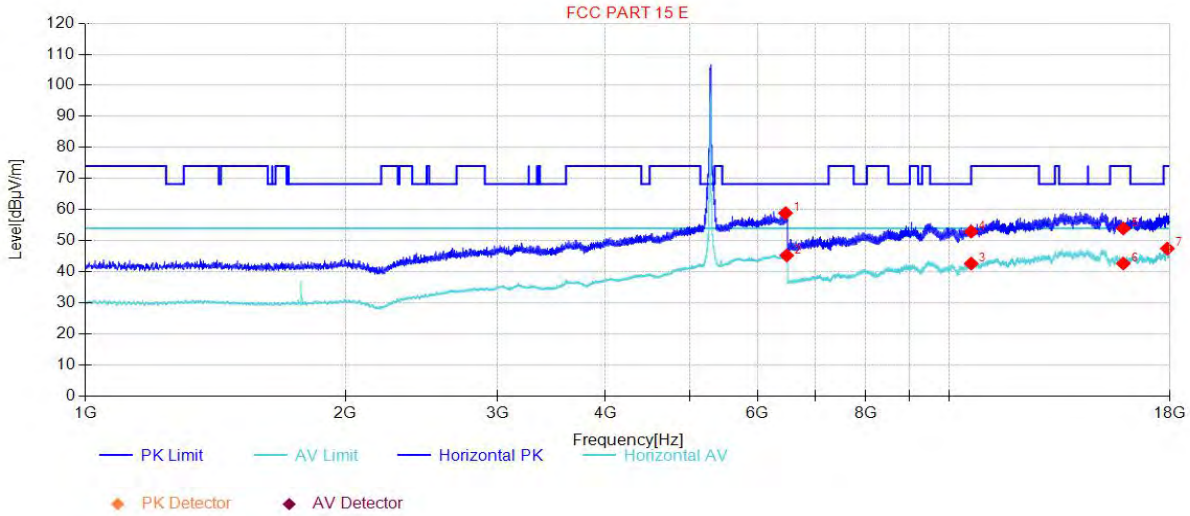
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4.9.2.33 802.11N20\_Channel 60 MIMO



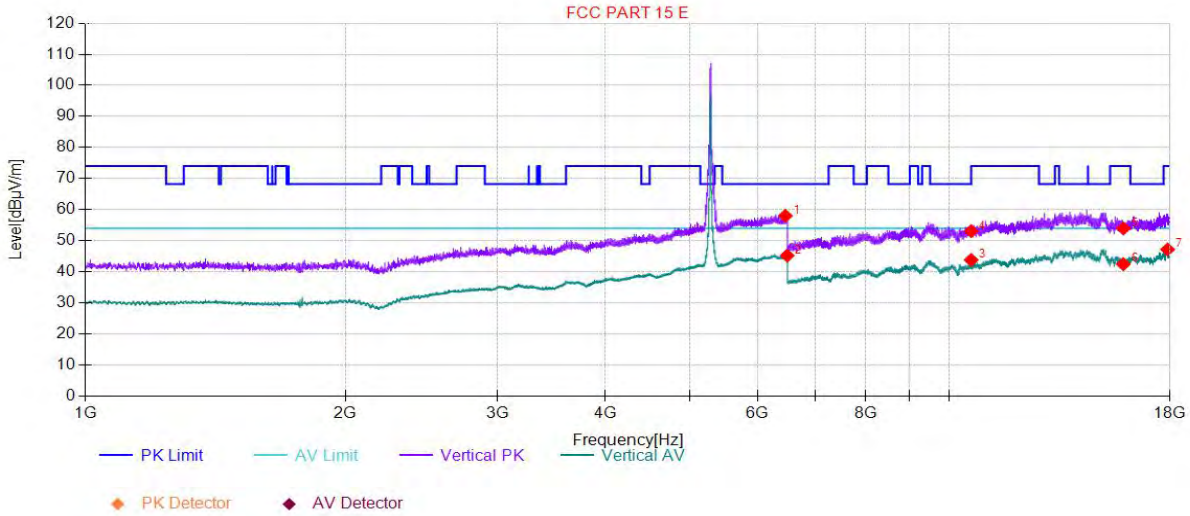
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6463.696	58.86	18.51	68.20	9.34	150	Horizontal
2	6482.948	45.24	18.62	54.00	8.76	150	Horizontal
3	10600.00	42.60	2.23	54.00	11.40	150	Horizontal
4	10600.00	52.90	2.23	74.00	21.10	150	Horizontal
5	15900.00	53.94	5.29	74.00	20.06	150	Horizontal
6	15900.00	42.64	5.29	54.00	11.36	150	Horizontal
7	17881.54	47.45	8.68	54.00	6.55	150	Horizontal

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4.9.2.34 802.11N20\_Channel 60 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6460.946	57.99	18.50	68.20	10.21	150	Vertical
2	6490.649	45.18	18.66	54.00	8.82	150	Vertical
3	10600.00	43.75	2.23	54.00	10.25	150	Vertical
4	10600.00	53.05	2.23	74.00	20.95	150	Vertical
5	15900.00	53.95	5.29	74.00	20.05	150	Vertical
6	15900.00	42.43	5.29	54.00	11.57	150	Vertical
7	17893.61	47.15	8.78	54.00	6.85	150	Vertical

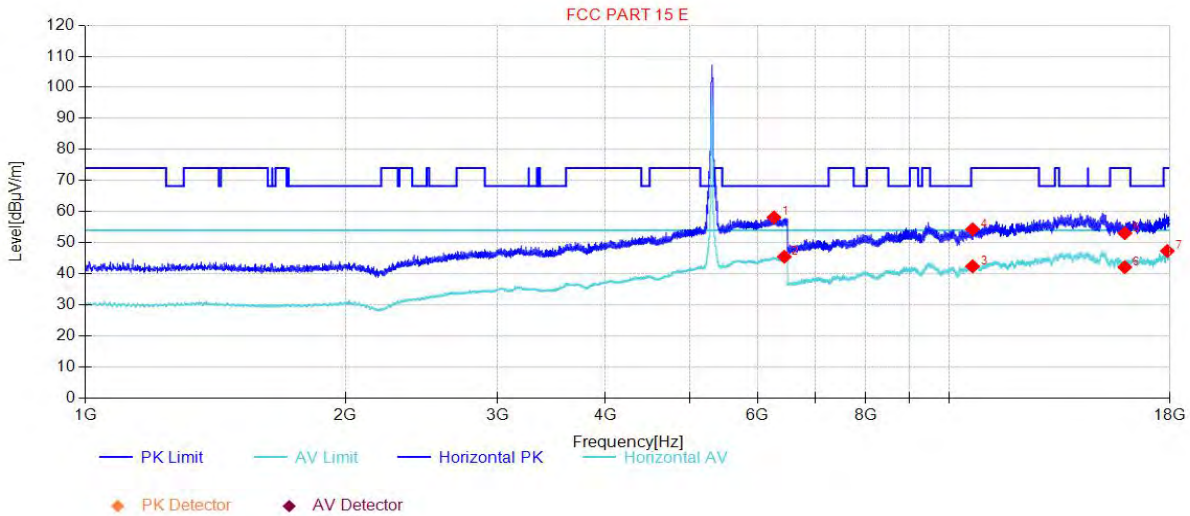
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4.9.2.35 802.11N20\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6266.776	58.13	18.32	68.20	10.07	150	Horizontal
2	6442.244	45.43	18.39	54.00	8.57	150	Horizontal
3	10640.00	42.37	2.22	54.00	11.63	150	Horizontal
4	10640.00	54.28	2.22	74.00	19.72	150	Horizontal
5	15960.00	53.04	5.01	74.00	20.96	150	Horizontal
6	15960.00	42.08	5.01	54.00	11.92	150	Horizontal
7	17880.39	47.32	8.67	54.00	6.68	150	Horizontal

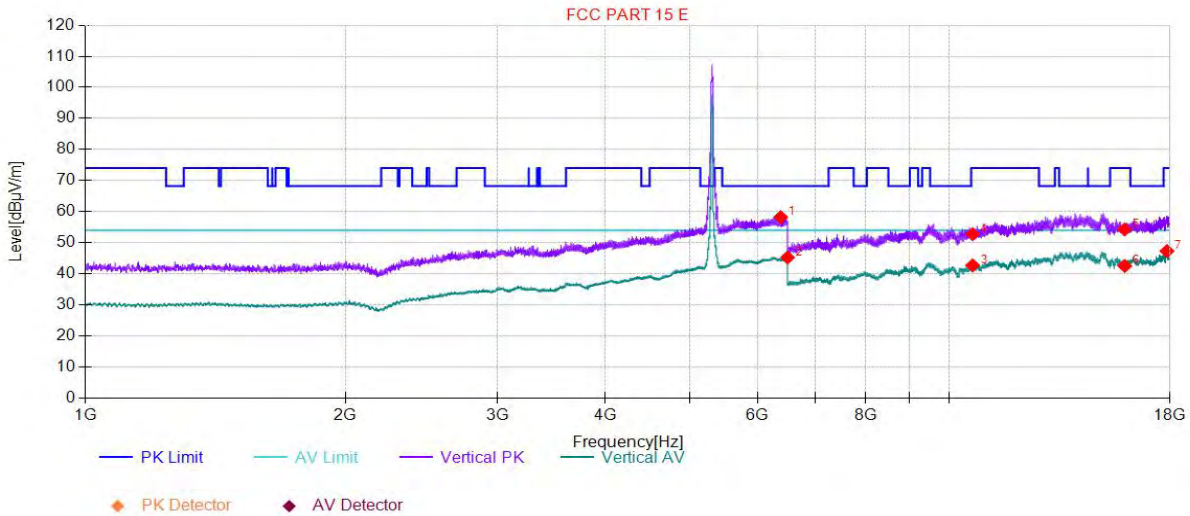
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4.9.2.36 802.11N20\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6378.437	58.19	18.23	68.20	10.01	150	Vertical
2	6496.699	45.20	18.70	54.00	8.80	150	Vertical
3	10640.00	42.66	2.22	54.00	11.34	150	Vertical
4	10640.00	52.72	2.22	74.00	21.28	150	Vertical
5	15960.00	54.27	5.01	74.00	19.73	150	Vertical
6	15960.00	42.50	5.01	54.00	11.50	150	Vertical
7	17863.71	47.29	8.53	54.00	6.71	150	Vertical

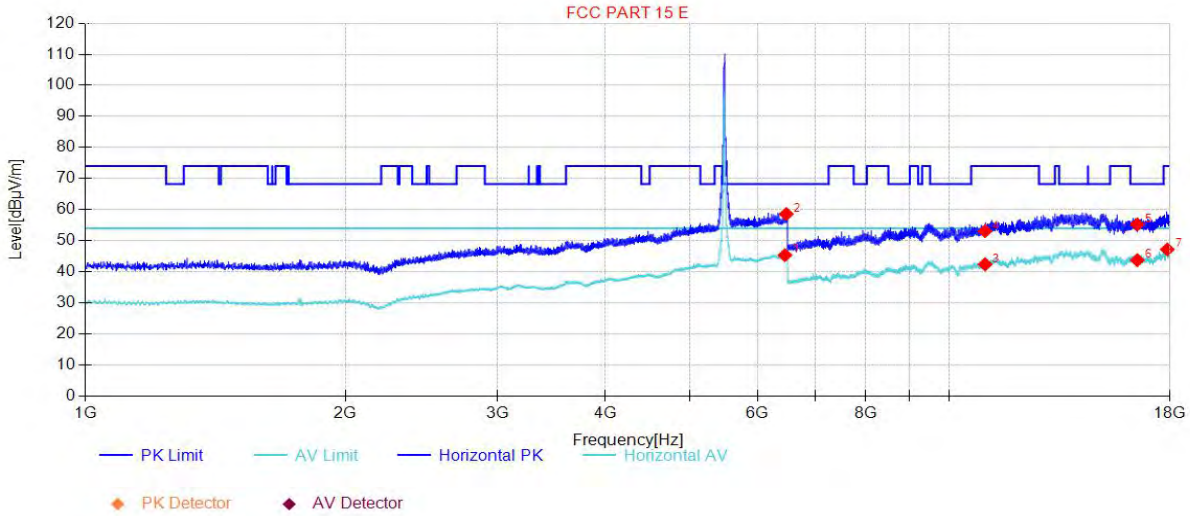
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4.9.2.37 802.11N20\_Channel 100 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6452.145	45.31	18.45	54.00	8.69	150	Horizontal
2	6476.347	58.56	18.58	68.20	9.64	150	Horizontal
3	11000.00	42.37	2.74	54.00	11.63	150	Horizontal
4	11000.00	53.07	2.74	74.00	20.93	150	Horizontal
5	16500.00	55.22	5.09	68.20	12.98	150	Horizontal
6	16500.00	43.71	5.09	54.00	10.29	150	Horizontal
7	17878.09	47.16	8.65	54.00	6.84	150	Horizontal

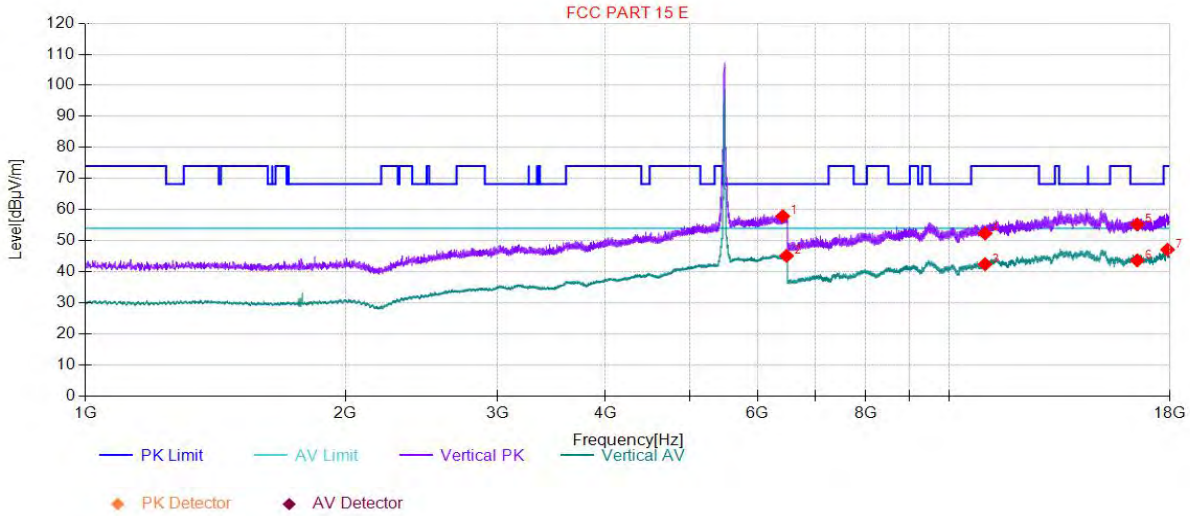
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4.9.2.38 802.11N20\_Channel 100 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6415.291	57.89	18.24	68.20	10.31	150	Vertical
2	6479.648	45.11	18.60	54.00	8.89	150	Vertical
3	11000.00	42.40	2.74	54.00	11.60	150	Vertical
4	11000.00	52.31	2.74	74.00	21.69	150	Vertical
5	16500.00	55.23	5.09	68.20	12.97	150	Vertical
6	16500.00	43.63	5.09	54.00	10.37	150	Vertical
7	17889.01	47.09	8.74	54.00	6.91	150	Vertical

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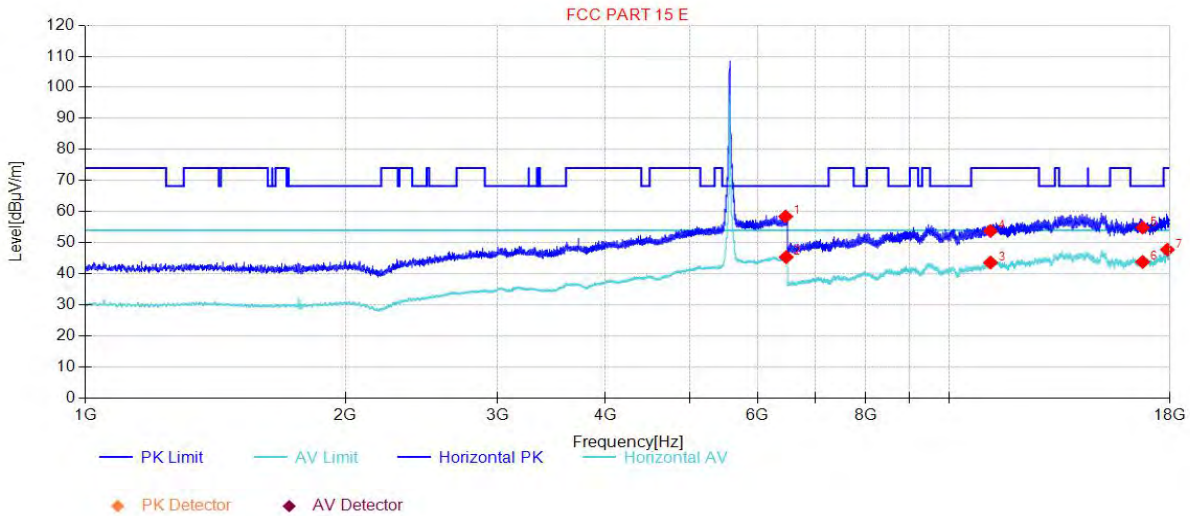


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4.9.2.39 802.11N20\_Channel 116 MIMO



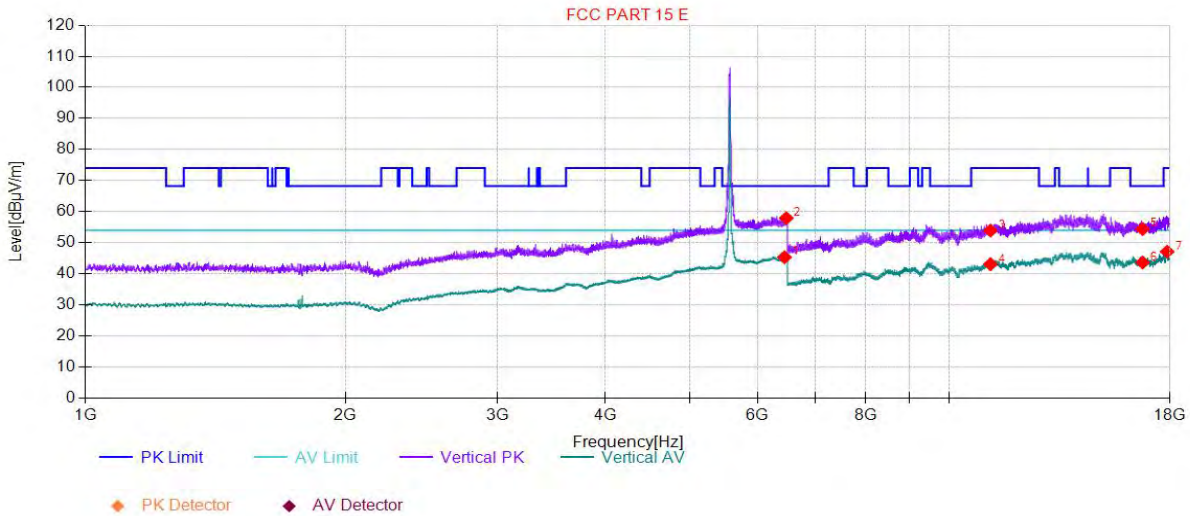
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6464.246	58.43	18.52	68.20	9.77	150	Horizontal
2	6474.147	45.33	18.57	54.00	8.67	150	Horizontal
3	11160.00	43.58	2.54	54.00	10.42	150	Horizontal
4	11160.00	53.73	2.54	74.00	20.27	150	Horizontal
5	16740.00	54.85	5.53	68.20	13.35	150	Horizontal
6	16740.00	43.77	5.53	54.00	10.23	150	Horizontal
7	17882.69	47.72	8.69	54.00	6.28	150	Horizontal

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4.9.2.40 802.11N20\_Channel 116 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.994	45.28	18.41	54.00	8.72	150	Vertical
2	6474.697	57.89	18.57	68.20	10.31	150	Vertical
3	11160.00	53.89	2.54	74.00	20.11	150	Vertical
4	11160.00	43.05	2.54	54.00	10.95	150	Vertical
5	16740.00	54.40	5.53	68.20	13.80	150	Vertical
6	16740.00	43.61	5.53	54.00	10.39	150	Vertical
7	17870.04	47.06	8.59	54.00	6.94	150	Vertical

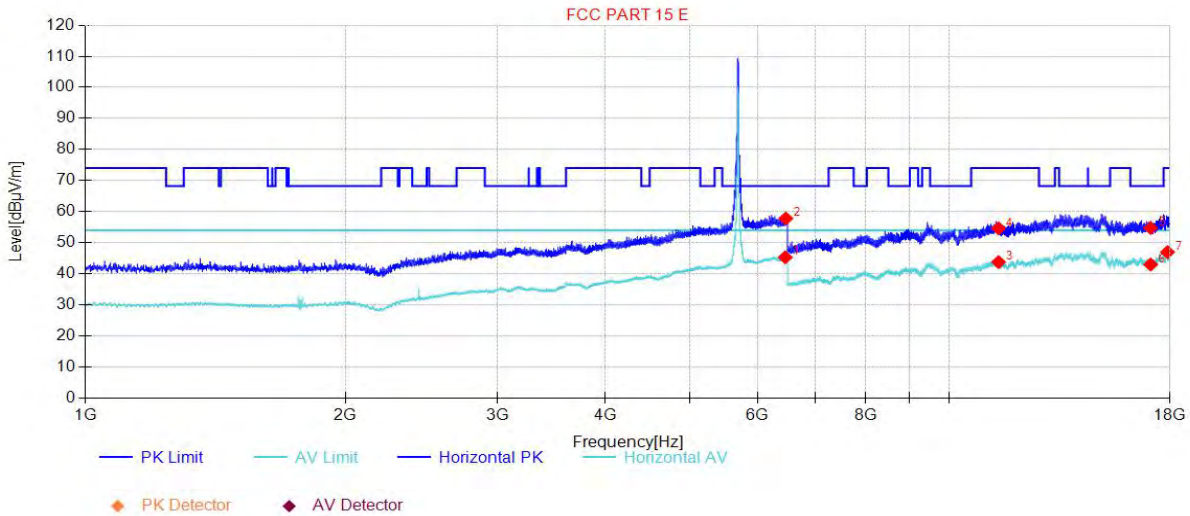
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4.9.2.41 802.11N20\_Channel 140 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6457.095	45.26	18.48	54.00	8.74	150	Horizontal
2	6467.546	57.78	18.53	68.20	10.42	150	Horizontal
3	11400.00	43.73	2.53	54.00	10.27	150	Horizontal
4	11400.00	54.60	2.53	74.00	19.40	150	Horizontal
5	17100.00	54.71	5.72	68.20	13.49	150	Horizontal
6	17100.00	42.94	5.72	54.00	11.06	150	Horizontal
7	17888.44	46.94	8.74	54.00	7.06	150	Horizontal

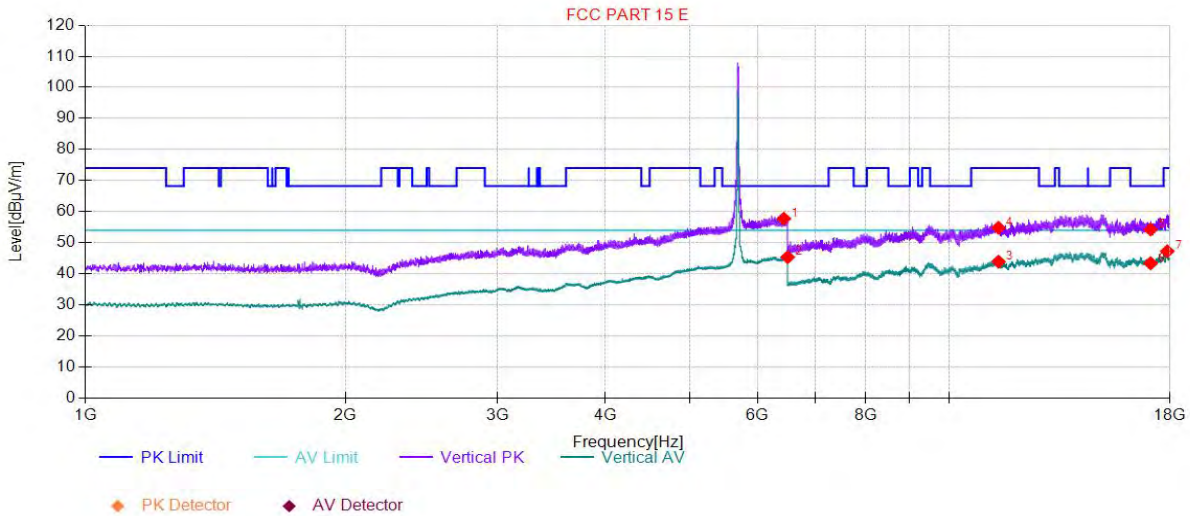
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4.9.2.42 802.11N20\_Channel 140 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.993	57.71	18.35	68.20	10.49	150	Vertical
2	6499.449	45.33	18.71	54.00	8.67	150	Vertical
3	11400.00	43.86	2.53	54.00	10.14	150	Vertical
4	11400.00	54.79	2.53	74.00	19.21	150	Vertical
5	17100.00	54.23	5.72	68.20	13.97	150	Vertical
6	17100.00	43.35	5.72	54.00	10.65	150	Vertical
7	17875.21	47.22	8.63	54.00	6.78	150	Vertical

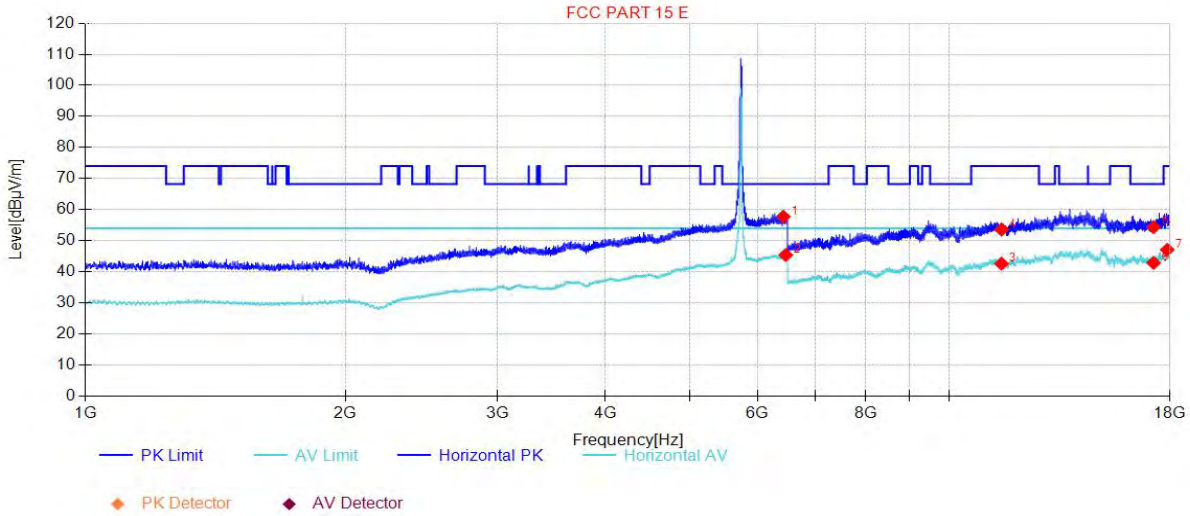
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4.9.2.43 802.11N20\_Channel 149 MIMO



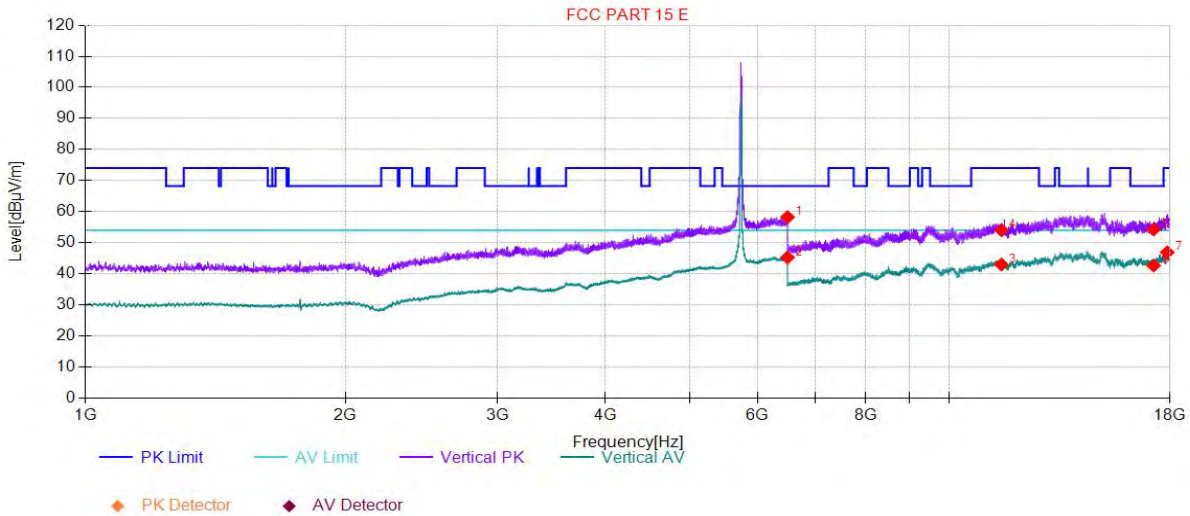
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6425.192	57.71	18.30	68.20	10.49	150	Horizontal
2	6465.346	45.37	18.52	54.00	8.63	150	Horizontal
3	11490.00	42.59	2.10	54.00	11.41	150	Horizontal
4	11490.00	53.57	2.10	74.00	20.43	150	Horizontal
5	17235.00	54.36	6.09	68.20	13.84	150	Horizontal
6	17235.00	42.86	6.09	54.00	11.14	150	Horizontal
7	17872.91	47.05	8.61	54.00	6.95	150	Horizontal

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4.9.2.44 802.11N20\_Channel 149 MIMO



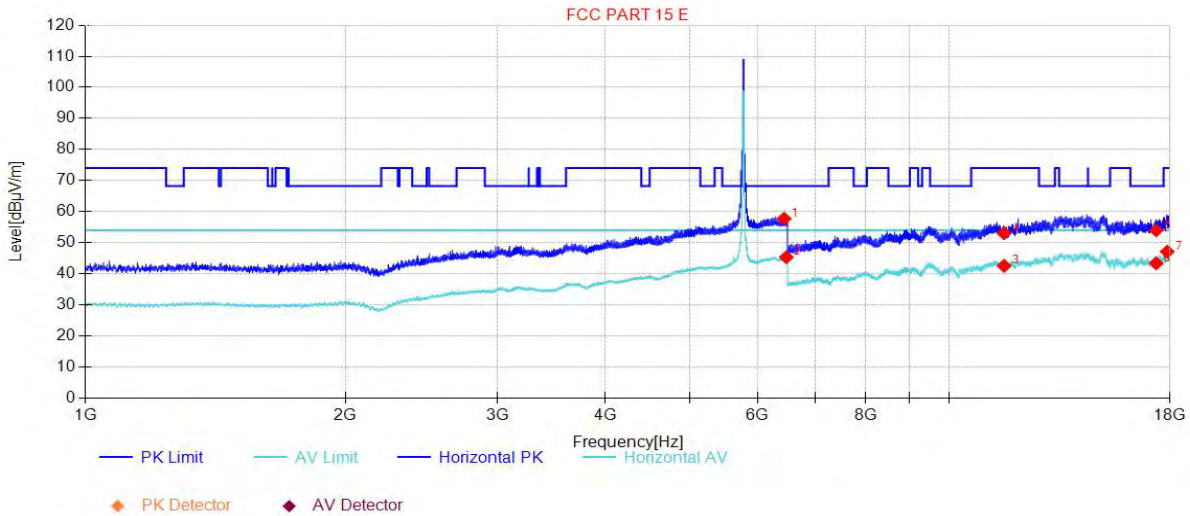
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6496.699	58.21	18.70	68.20	9.99	150	Vertical
2	6496.699	45.20	18.70	54.00	8.80	150	Vertical
3	11490.00	42.94	2.10	54.00	11.06	150	Vertical
4	11490.00	54.04	2.10	74.00	19.96	150	Vertical
5	17235.00	54.25	6.09	68.20	13.95	150	Vertical
6	17235.00	42.64	6.09	54.00	11.36	150	Vertical
7	17875.79	46.87	8.63	54.00	7.13	150	Vertical

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4.9.2.45 802.11N20\_Channel 157 MIMO



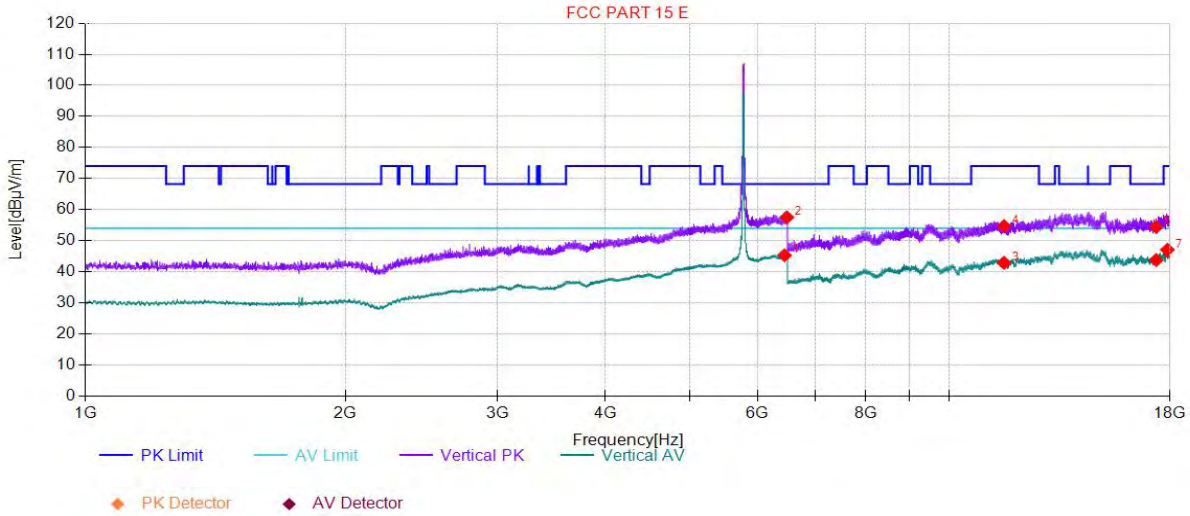
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6438.393	57.70	18.37	68.20	10.50	150	Horizontal
2	6475.797	45.30	18.58	54.00	8.70	150	Horizontal
3	11570.00	42.52	2.91	54.00	11.48	150	Horizontal
4	11570.00	53.02	2.91	74.00	20.98	150	Horizontal
5	17355.00	53.97	6.75	68.20	14.23	150	Horizontal
6	17355.00	43.34	6.75	54.00	10.66	150	Horizontal
7	17872.34	47.09	8.60	54.00	6.91	150	Horizontal

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4.9.2.46 802.11N20\_Channel 157 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.994	45.26	18.41	54.00	8.74	150	Vertical
2	6485.698	57.51	18.64	68.20	10.69	150	Vertical
3	11570.00	42.86	2.91	54.00	11.14	150	Vertical
4	11570.00	54.65	2.91	74.00	19.35	150	Vertical
5	17355.00	54.38	6.75	68.20	13.82	150	Vertical
6	17355.00	43.77	6.75	54.00	10.23	150	Vertical
7	17881.54	47.06	8.68	54.00	6.94	150	Vertical

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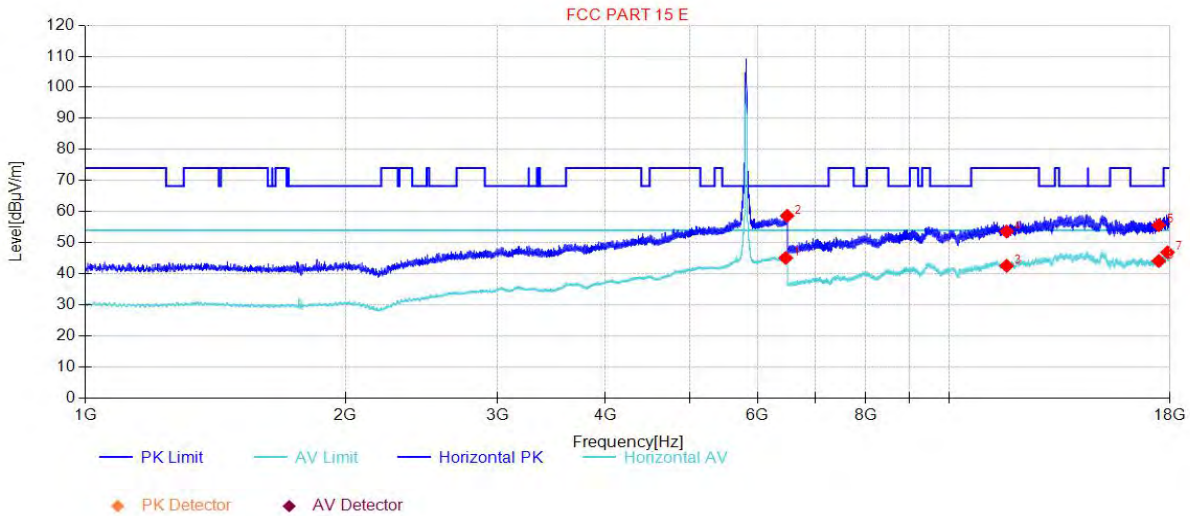


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4.9.2.47 802.11N20\_Channel 165 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6465.896	45.06	18.53	54.00	8.94	150	Horizontal
2	6490.649	58.63	18.66	68.20	9.57	150	Horizontal
3	11650.00	42.51	2.57	54.00	11.49	150	Horizontal
4	11650.00	53.60	2.57	74.00	20.40	150	Horizontal
5	17475.00	55.65	7.42	68.20	12.55	150	Horizontal
6	17475.00	44.07	7.42	54.00	9.93	150	Horizontal
7	17887.86	46.88	8.73	54.00	7.12	150	Horizontal

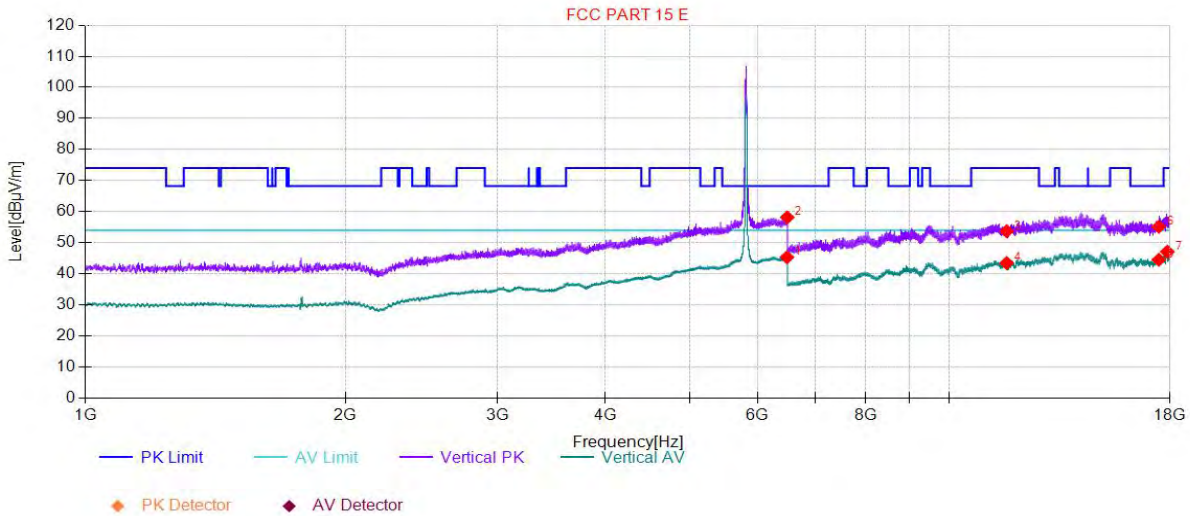
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4.9.2.48 802.11N20\_Channel 165 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6486.248	45.28	18.64	54.00	8.72	150	Vertical
2	6491.199	58.13	18.67	68.20	10.07	150	Vertical
3	11650.00	53.70	2.57	74.00	20.30	150	Vertical
4	11650.00	43.41	2.57	54.00	10.59	150	Vertical
5	17475.00	44.48	7.42	54.00	9.52	150	Vertical
6	17475.00	55.14	7.42	68.20	13.06	150	Vertical
7	17876.94	47.08	8.64	54.00	6.92	150	Vertical

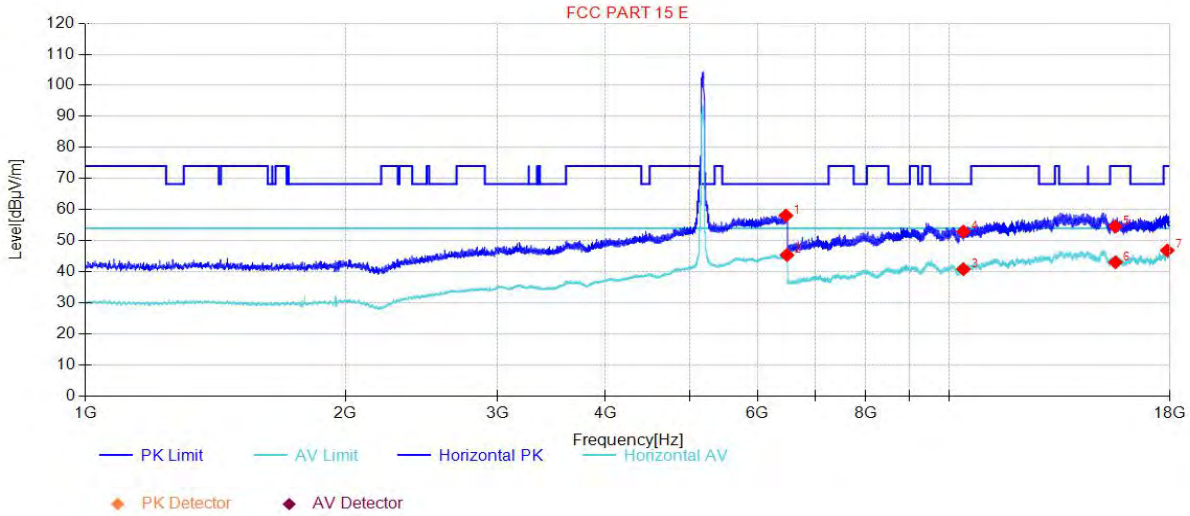
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4.9.2.49 802.11N40\_Channel 38 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6468.646	58.07	18.54	68.20	10.13	150	Horizontal
2	6487.348	45.35	18.64	54.00	8.65	150	Horizontal
3	10380.00	40.81	2.40	54.00	13.19	150	Horizontal
4	10380.00	52.90	2.40	68.20	15.30	150	Horizontal
5	15570.00	54.56	6.00	74.00	19.44	150	Horizontal
6	15570.00	43.03	6.00	54.00	10.97	150	Horizontal
7	17875.21	46.84	8.63	54.00	7.16	150	Horizontal

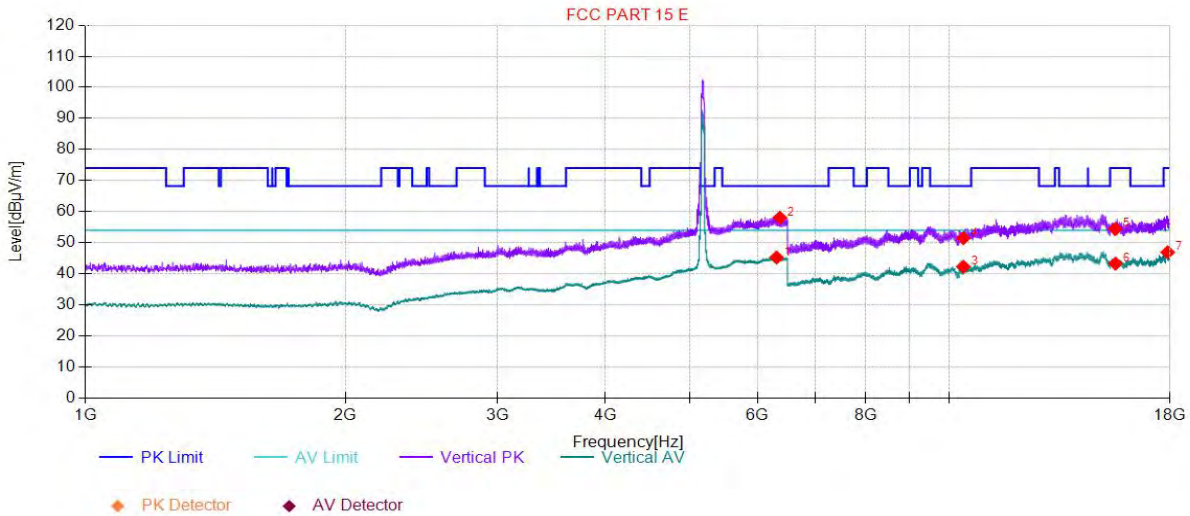
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4.9.2.50 802.11N40\_Channel 38 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6309.130	45.21	18.46	54.00	8.79	150	Vertical
2	6364.686	58.01	18.27	68.20	10.19	150	Vertical
3	10380.00	42.25	2.40	54.00	11.75	150	Vertical
4	10380.00	51.43	2.40	68.20	16.77	150	Vertical
5	15570.00	54.42	6.00	74.00	19.58	150	Vertical
6	15570.00	43.24	6.00	54.00	10.76	150	Vertical
7	17895.91	46.88	8.80	54.00	7.12	150	Vertical

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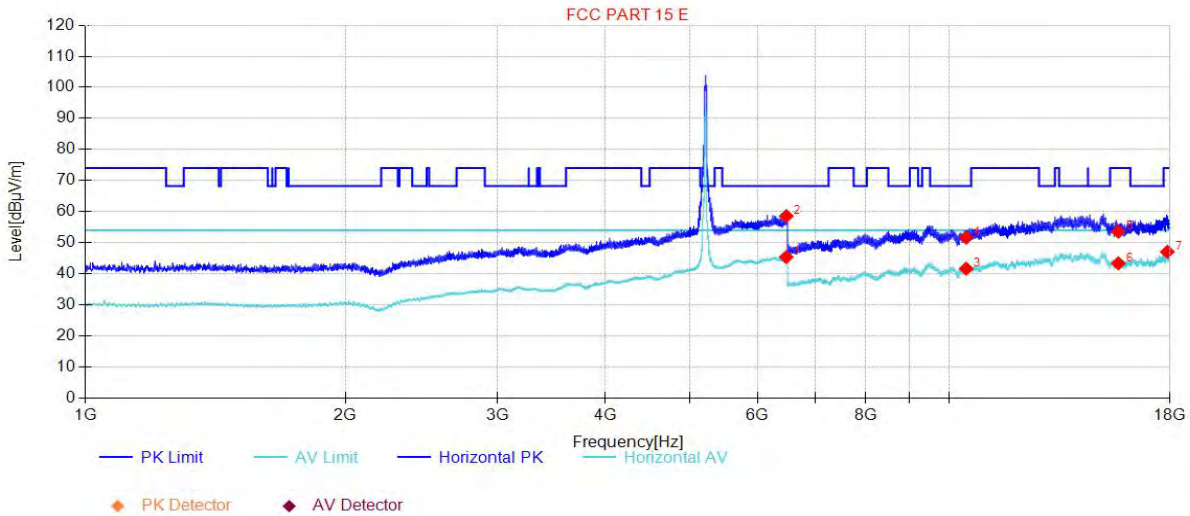


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4.9.2.51 802.11N40\_Channel 46 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.597	45.33	18.57	54.00	8.67	150	Horizontal
2	6475.247	58.54	18.58	68.20	9.66	150	Horizontal
3	10460.00	41.59	2.47	54.00	12.41	150	Horizontal
4	10460.00	51.59	2.47	68.20	16.61	150	Horizontal
5	15690.00	53.51	6.13	74.00	20.49	150	Horizontal
6	15690.00	43.33	6.13	54.00	10.67	150	Horizontal
7	17876.94	47.04	8.64	54.00	6.96	150	Horizontal

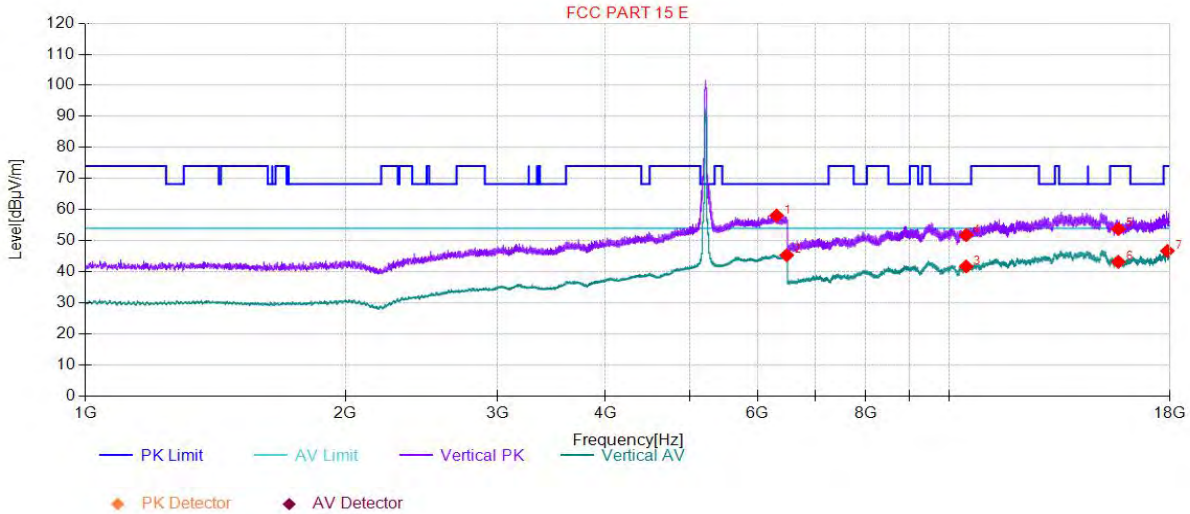
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4.9.2.52 802.11N40\_Channel 46 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6310.781	58.09	18.45	68.20	10.11	150	Vertical
2	6482.948	45.29	18.62	54.00	8.71	150	Vertical
3	10460.00	41.67	2.47	54.00	12.33	150	Vertical
4	10460.00	51.78	2.47	68.20	16.42	150	Vertical
5	15690.00	53.74	6.13	74.00	20.26	150	Vertical
6	15690.00	43.14	6.13	54.00	10.86	150	Vertical
7	17879.81	46.66	8.67	54.00	7.34	150	Vertical

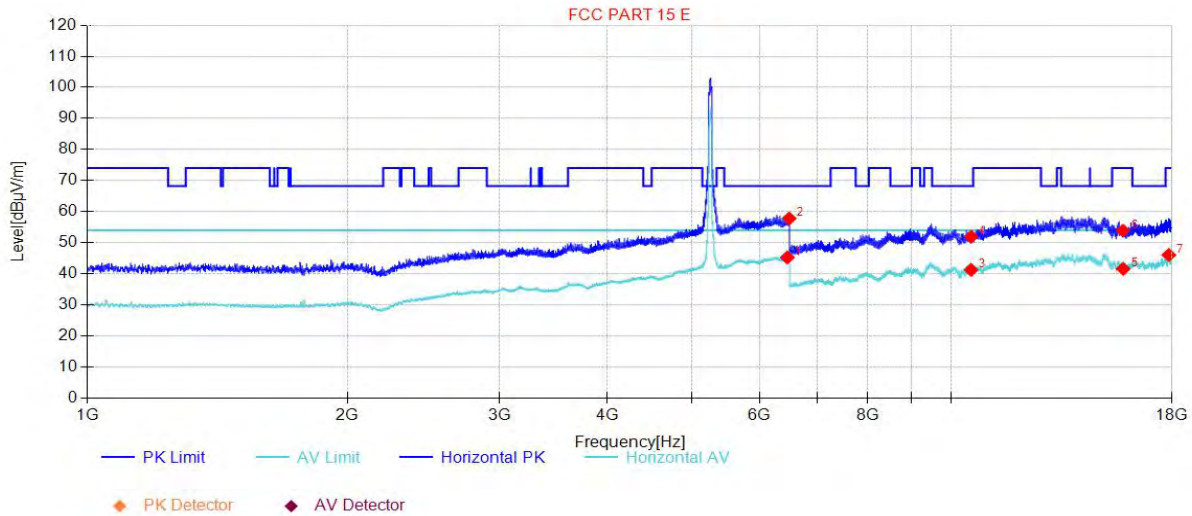
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4.9.2.53 802.11N40\_Channel 54 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6458.195	45.21	18.48	54.00	8.79	150	Horizontal
2	6490.649	57.79	18.66	68.20	10.41	150	Horizontal
3	10540.00	41.25	2.40	54.00	12.75	150	Horizontal
4	10540.00	51.88	2.40	68.20	16.32	150	Horizontal
5	15810.00	41.56	5.12	54.00	12.44	150	Horizontal
6	15810.00	53.83	5.12	74.00	20.17	150	Horizontal
7	17854.51	46.02	8.46	54.00	7.98	150	Horizontal

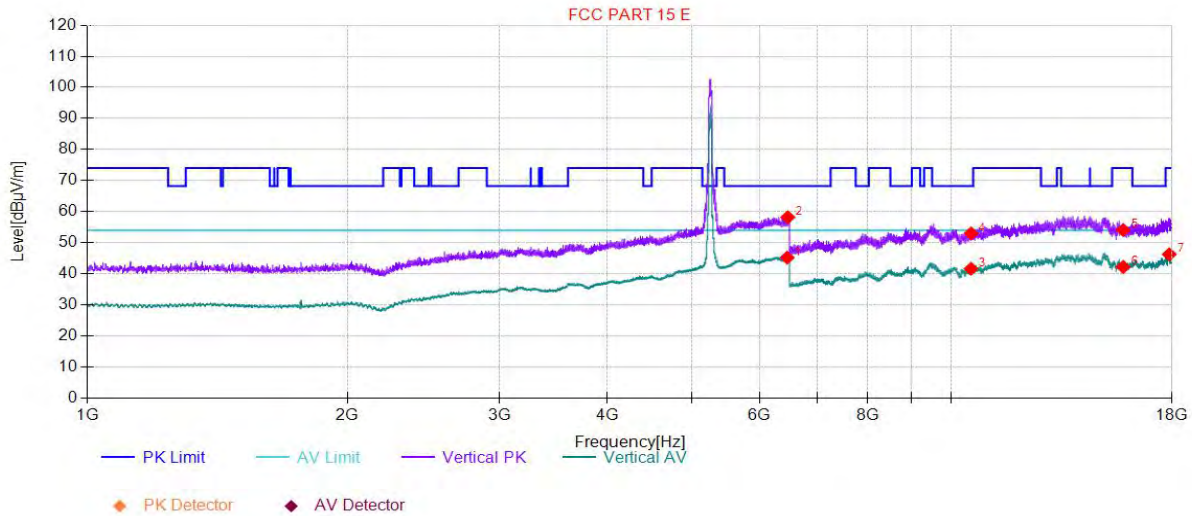
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4.9.2.54 802.11N40\_Channel 54 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.545	45.17	18.47	54.00	8.83	150	Vertical
2	6468.096	58.17	18.54	68.20	10.03	150	Vertical
3	10540.00	41.58	2.40	54.00	12.42	150	Vertical
4	10540.00	52.96	2.40	68.20	15.24	150	Vertical
5	15810.00	54.07	5.12	74.00	19.93	150	Vertical
6	15810.00	42.18	5.12	54.00	11.82	150	Vertical
7	17875.21	46.22	8.63	54.00	7.78	150	Vertical

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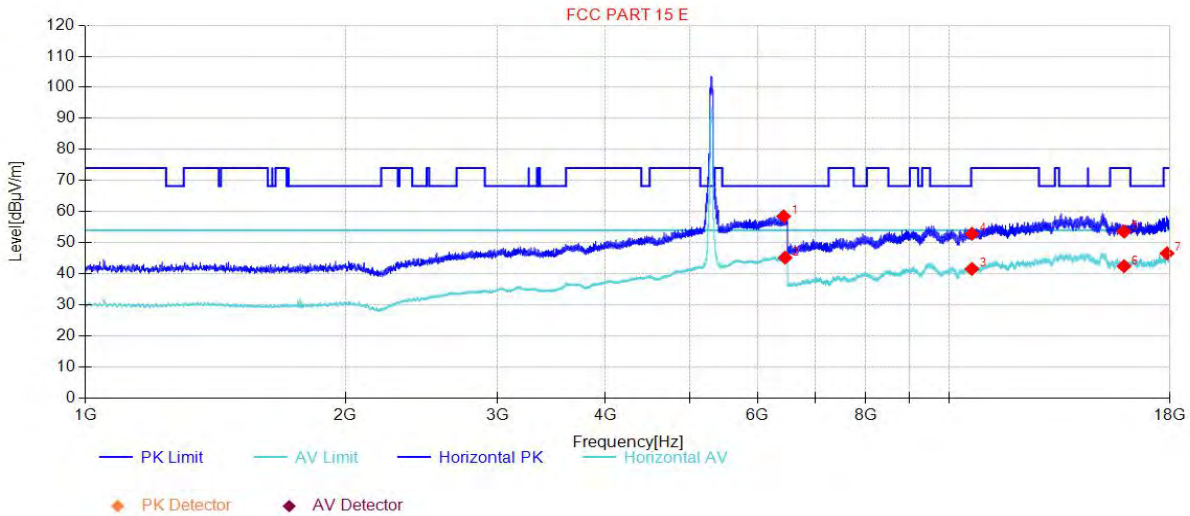


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4.9.2.55 802.11N40\_Channel 62 MIMO



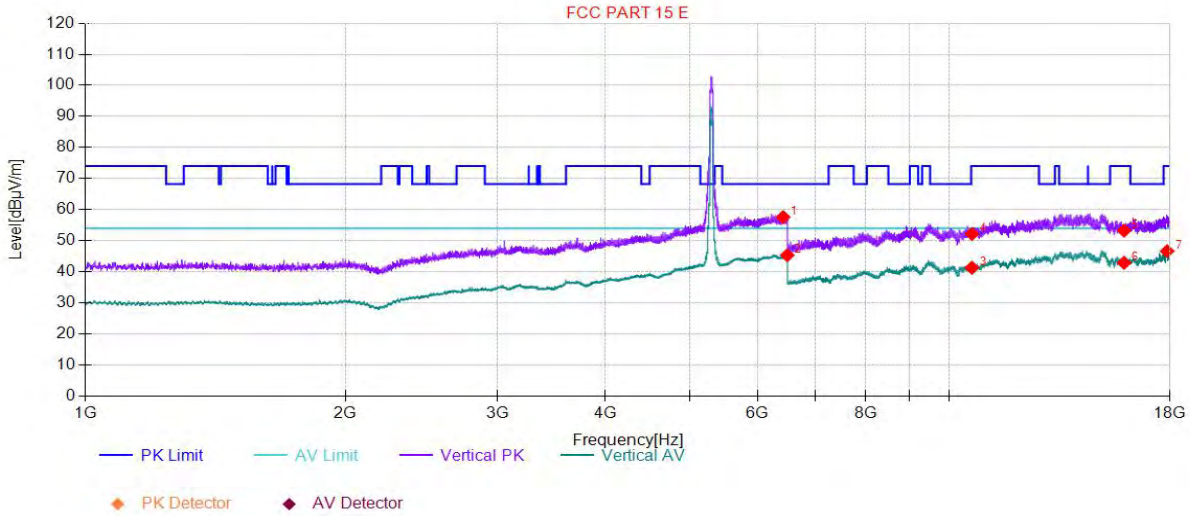
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6430.693	58.47	18.33	68.20	9.73	150	Horizontal
2	6455.445	45.17	18.47	54.00	8.83	150	Horizontal
3	10620.00	41.52	2.23	54.00	12.48	150	Horizontal
4	10620.00	52.82	2.23	74.00	21.18	150	Horizontal
5	15930.00	53.57	5.15	74.00	20.43	150	Horizontal
6	15930.00	42.42	5.15	54.00	11.58	150	Horizontal
7	17864.29	46.54	8.54	54.00	7.46	150	Horizontal

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4.9.2.56 802.11N40\_Channel 62 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6420.792	57.57	18.28	68.20	10.63	150	Vertical
2	6492.299	45.30	18.67	54.00	8.70	150	Vertical
3	10620.00	41.27	2.23	54.00	12.73	150	Vertical
4	10620.00	52.16	2.23	74.00	21.84	150	Vertical
5	15930.00	53.22	5.15	74.00	20.78	150	Vertical
6	15930.00	42.86	5.15	54.00	11.14	150	Vertical
7	17870.61	46.61	8.59	54.00	7.39	150	Vertical

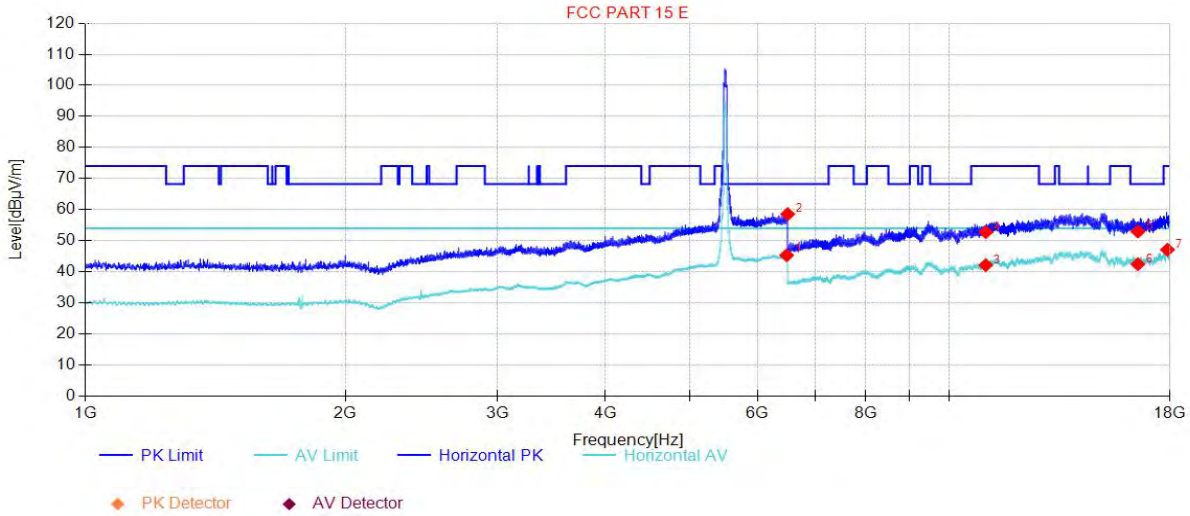
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4.9.2.57 802.11N40\_Channel 102 MIMO



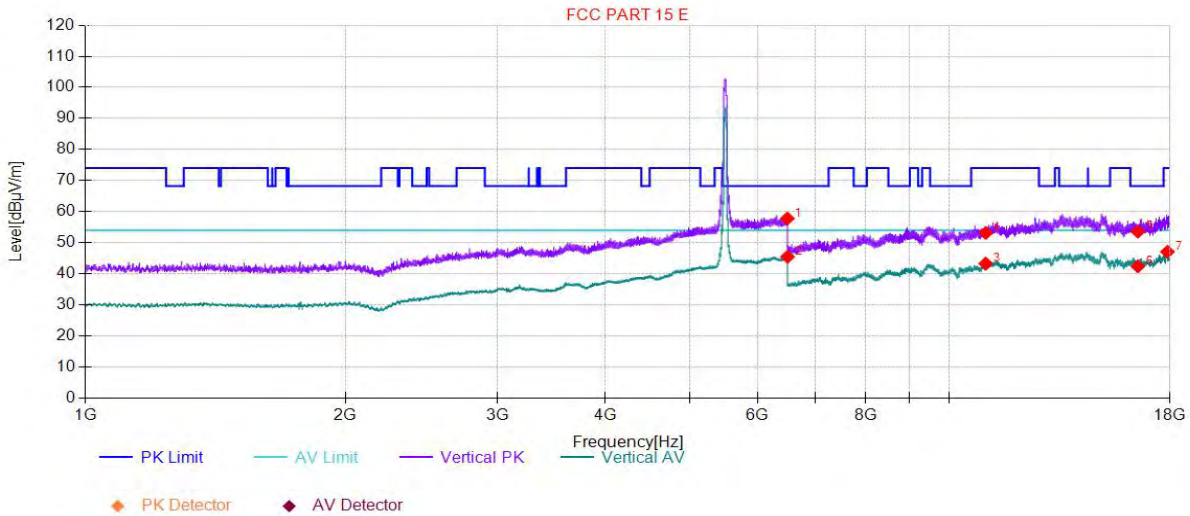
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6481.848	45.30	18.61	54.00	8.70	150	Horizontal
2	6500.000	58.53	18.72	68.20	9.67	150	Horizontal
3	11020.00	42.11	2.69	54.00	11.89	150	Horizontal
4	11020.00	52.75	2.69	74.00	21.25	150	Horizontal
5	16530.00	52.91	5.27	68.20	15.29	150	Horizontal
6	16530.00	42.42	5.27	54.00	11.58	150	Horizontal
7	17887.29	47.07	8.73	54.00	6.93	150	Horizontal

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4.9.2.58 802.11N40\_Channel 102 MIMO



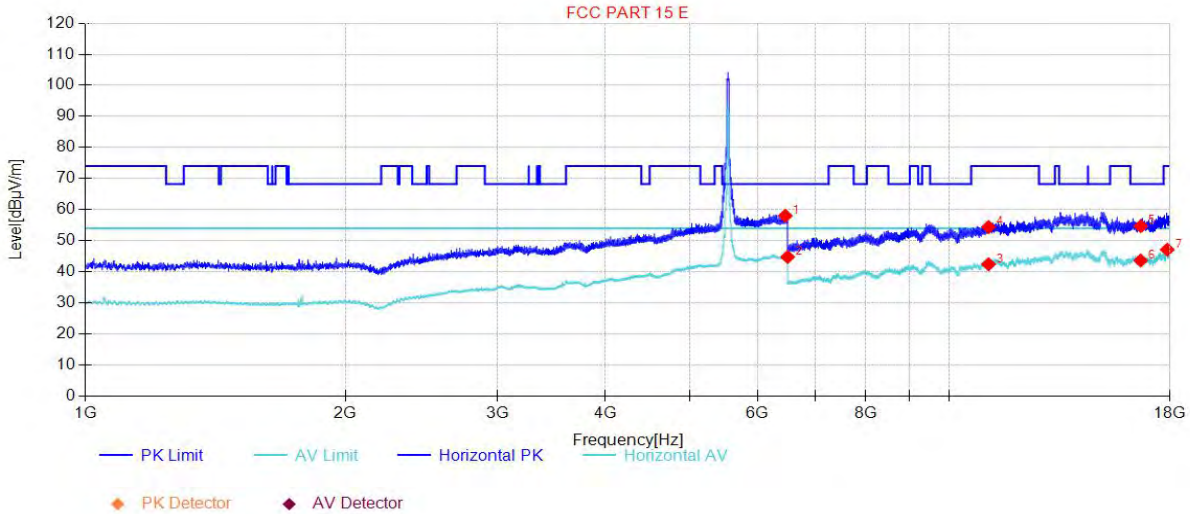
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6494.499	57.76	18.68	68.20	10.44	150	Vertical
2	6497.799	45.46	18.70	54.00	8.54	150	Vertical
3	11020.00	43.23	2.69	54.00	10.77	150	Vertical
4	11020.00	53.11	2.69	74.00	20.89	150	Vertical
5	16530.00	53.55	5.27	68.20	14.65	150	Vertical
6	16530.00	42.38	5.27	54.00	11.62	150	Vertical
7	17885.56	47.04	8.71	54.00	6.96	150	Vertical

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4.9.2.59 802.11N40\_Channel 110 MIMO



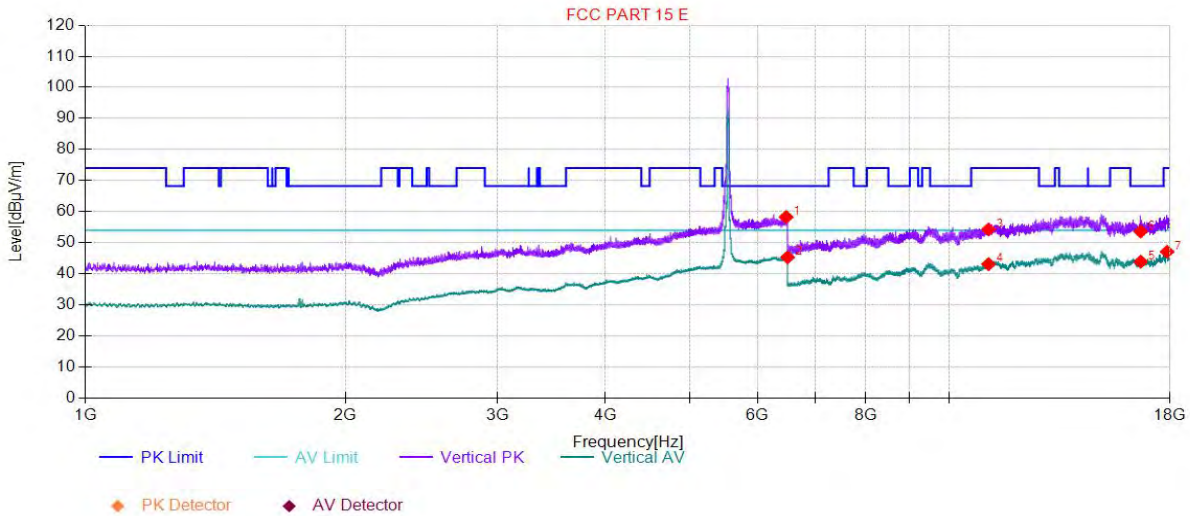
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6458.195	58.02	18.48	68.20	10.18	150	Horizontal
2	6499.449	44.74	18.71	54.00	9.26	150	Horizontal
3	11100.00	42.41	2.49	54.00	11.59	150	Horizontal
4	11100.00	54.38	2.49	74.00	19.62	150	Horizontal
5	16650.00	54.65	5.74	68.20	13.55	150	Horizontal
6	16650.00	43.62	5.74	54.00	10.38	150	Horizontal
7	17873.49	47.09	8.61	54.00	6.91	150	Horizontal

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4.9.2.60 802.11N40\_Channel 110 MIMO



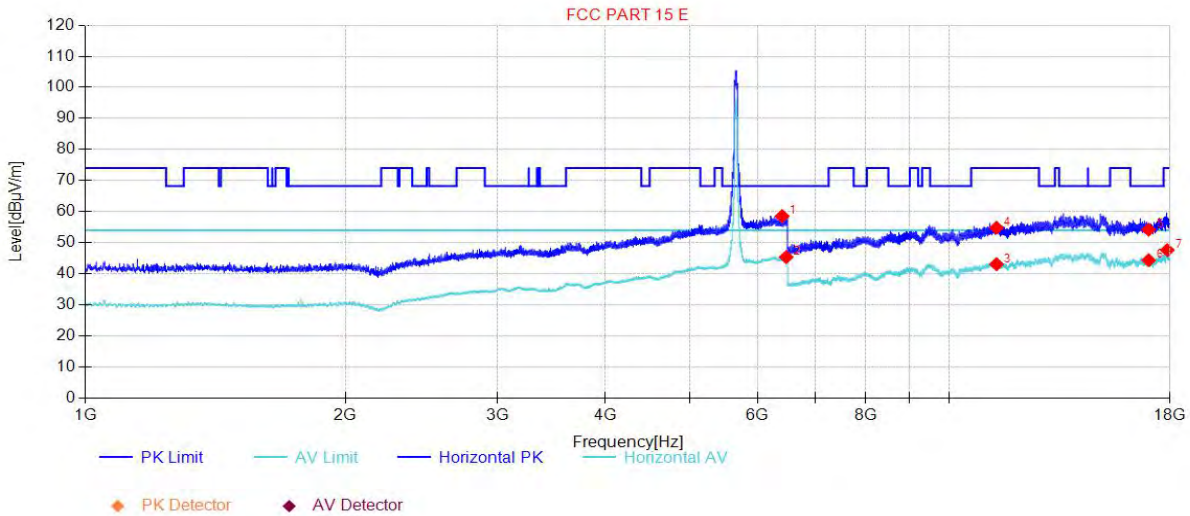
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6474.147	58.23	18.57	68.20	9.97	150	Vertical
2	6498.899	45.27	18.71	54.00	8.73	150	Vertical
3	11100.00	54.23	2.49	74.00	19.77	150	Vertical
4	11100.00	43.08	2.49	54.00	10.92	150	Vertical
5	16650.00	43.87	5.74	54.00	10.13	150	Vertical
6	16650.00	53.58	5.74	68.20	14.62	150	Vertical
7	17866.01	47.04	8.55	54.00	6.96	150	Vertical

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4.9.2.61 802.11N40\_Channel 134 MIMO



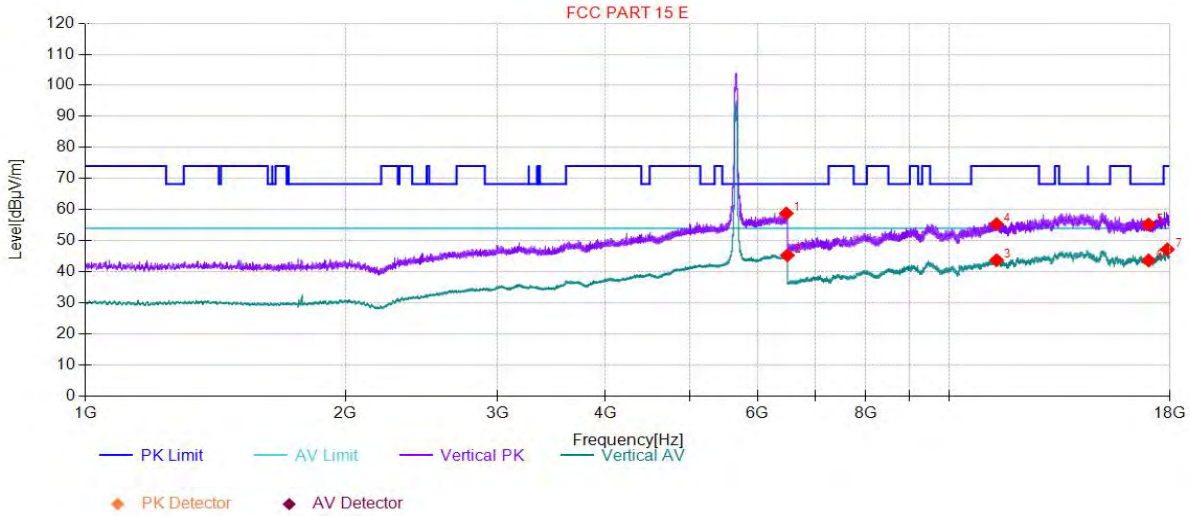
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6404.840	58.53	18.19	68.20	9.67	150	Horizontal
2	6473.597	45.34	18.57	54.00	8.66	150	Horizontal
3	11340.00	43.04	2.55	54.00	10.96	150	Horizontal
4	11340.00	54.78	2.55	74.00	19.22	150	Horizontal
5	17010.00	54.18	6.16	68.20	14.02	150	Horizontal
6	17010.00	44.34	6.16	54.00	9.66	150	Horizontal
7	17876.94	47.60	8.64	54.00	6.40	150	Horizontal

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4.9.2.62 802.11N40\_Channel 134 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6476.897	58.76	18.59	68.20	9.44	150	Vertical
2	6495.599	45.28	18.69	54.00	8.72	150	Vertical
3	11340.00	43.69	2.55	54.00	10.31	150	Vertical
4	11340.00	55.32	2.55	74.00	18.68	150	Vertical
5	17010.00	55.22	6.16	68.20	12.98	150	Vertical
6	17010.00	43.62	6.16	54.00	10.38	150	Vertical
7	17878.66	47.18	8.66	54.00	6.82	150	Vertical

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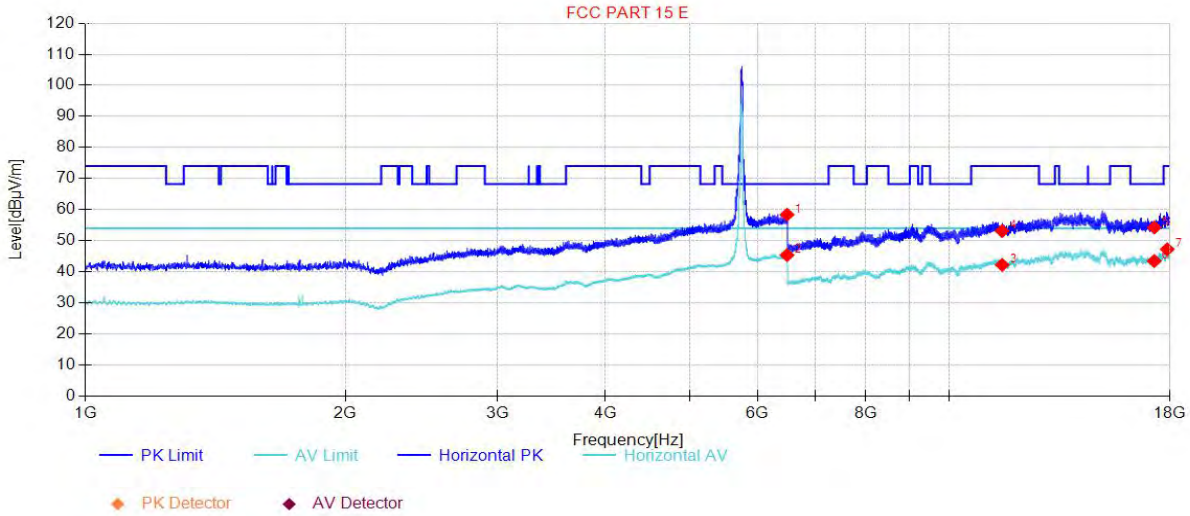


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4.9.2.63 802.11N40\_Channel 151 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6488.448	58.36	18.65	68.20	9.84	150	Horizontal
2	6488.448	45.33	18.65	54.00	8.67	150	Horizontal
3	11510.00	42.19	2.18	54.00	11.81	150	Horizontal
4	11510.00	53.10	2.18	74.00	20.90	150	Horizontal
5	17265.00	54.23	6.33	68.20	13.97	150	Horizontal
6	17265.00	43.43	6.33	54.00	10.57	150	Horizontal
7	17875.21	47.22	8.63	54.00	6.78	150	Horizontal

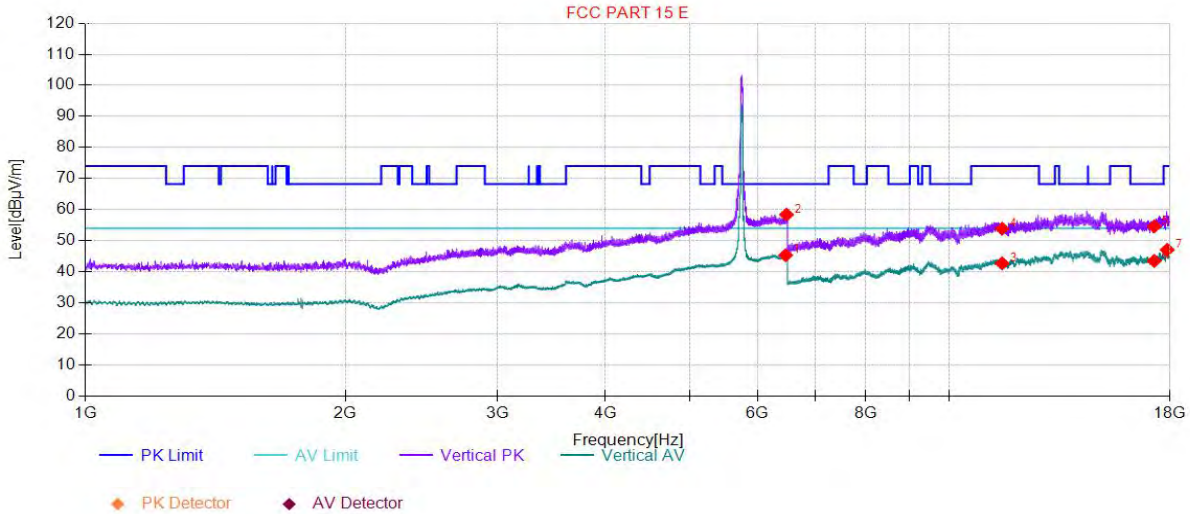
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4.9.2.64 802.11N40\_Channel 151 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6464.246	45.30	18.52	54.00	8.70	150	Vertical
2	6479.648	58.37	18.60	68.20	9.83	150	Vertical
3	11510.00	42.68	2.18	54.00	11.32	150	Vertical
4	11510.00	53.86	2.18	74.00	20.14	150	Vertical
5	17265.00	54.59	6.33	68.20	13.61	150	Vertical
6	17265.00	43.47	6.33	54.00	10.53	150	Vertical
7	17872.91	47.03	8.61	54.00	6.97	150	Vertical

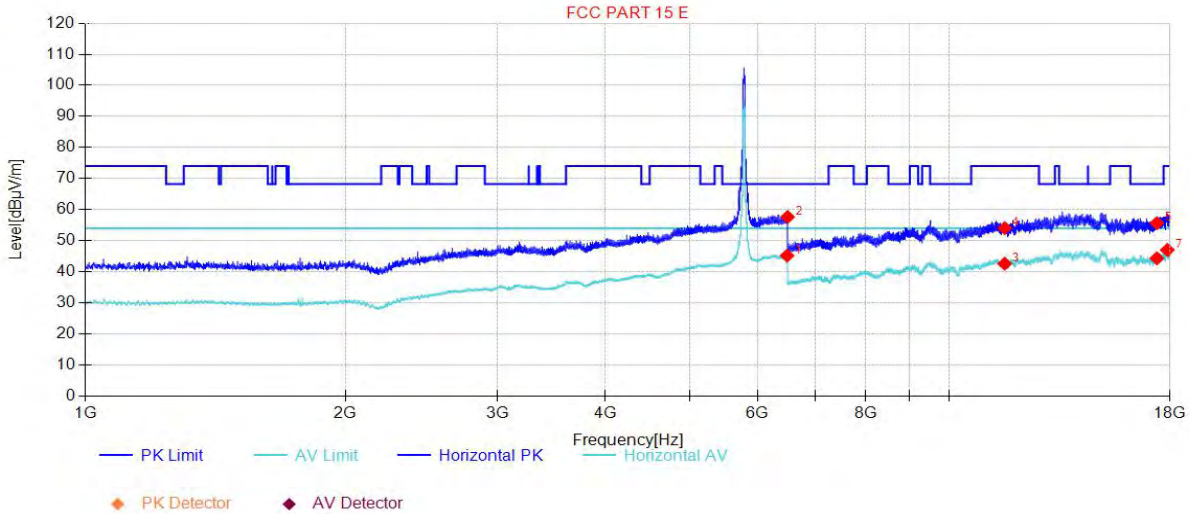
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4.9.2.65 802.11N40\_Channel 159 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6488.998	45.17	18.65	54.00	8.83	150	Horizontal
2	6498.349	57.63	18.71	68.20	10.57	150	Horizontal
3	11590.00	42.58	3.16	54.00	11.42	150	Horizontal
4	11590.00	54.03	3.16	74.00	19.97	150	Horizontal
5	17385.00	55.64	6.82	68.20	12.56	150	Horizontal
6	17385.00	44.29	6.82	54.00	9.71	150	Horizontal
7	17876.36	47.00	8.64	54.00	7.00	150	Horizontal

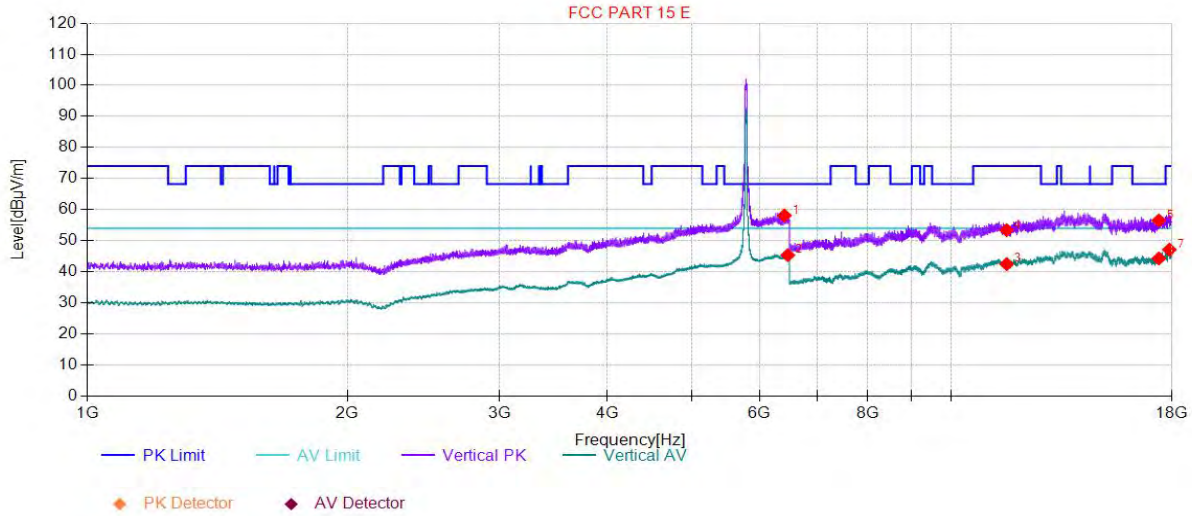
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4.9.2.66 802.11N40\_Channel 159 MIMO



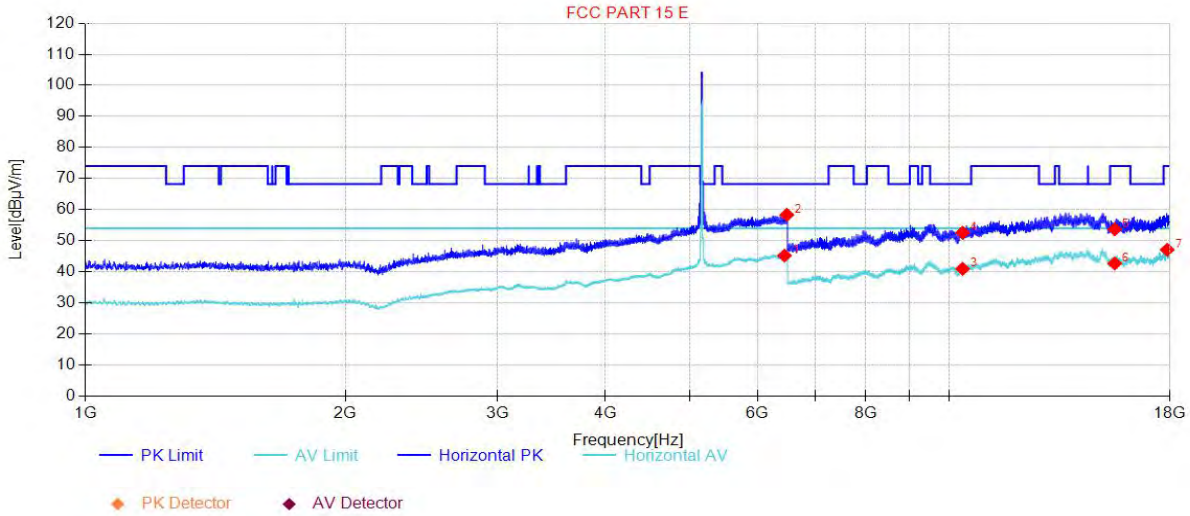
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6409.791	58.07	18.21	68.20	10.13	150	Vertical
2	6466.996	45.31	18.53	54.00	8.69	150	Vertical
3	11590.00	42.45	3.16	54.00	11.55	150	Vertical
4	11590.00	53.38	3.16	74.00	20.62	150	Vertical
5	17385.00	56.50	6.82	68.20	11.70	150	Vertical
6	17385.00	44.26	6.82	54.00	9.74	150	Vertical
7	17878.09	47.10	8.65	54.00	6.90	150	Vertical

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4.9.2.67 802.11AC20\_Channel 36 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.994	45.18	18.41	54.00	8.82	150	Horizontal
2	6485.148	58.31	18.63	68.20	9.89	150	Horizontal
3	10360.00	40.91	2.38	54.00	13.09	150	Horizontal
4	10360.00	52.54	2.38	68.20	15.66	150	Horizontal
5	15540.00	53.64	5.88	74.00	20.36	150	Horizontal
6	15540.00	42.67	5.88	54.00	11.33	150	Horizontal
7	17872.91	47.05	8.61	54.00	6.95	150	Horizontal

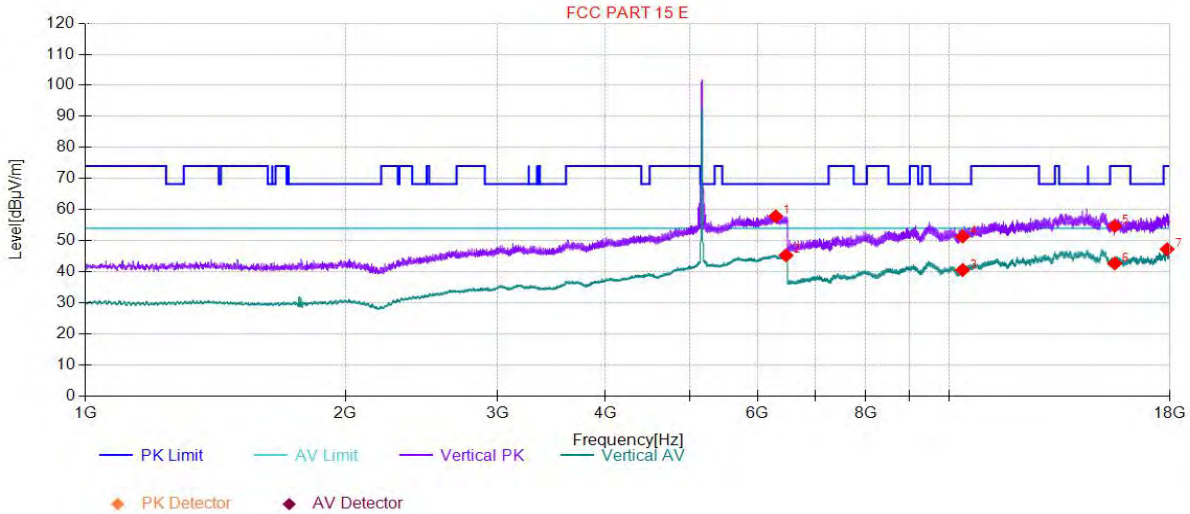
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4.9.2.68 802.11AC20\_Channel 36 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6297.029	57.82	18.47	68.20	10.38	150	Vertical
2	6470.847	45.26	18.55	54.00	8.74	150	Vertical
3	10360.00	40.53	2.38	54.00	13.47	150	Vertical
4	10360.00	51.34	2.38	68.20	16.86	150	Vertical
5	15540.00	54.71	5.88	74.00	19.29	150	Vertical
6	15540.00	42.66	5.88	54.00	11.34	150	Vertical
7	17868.31	47.25	8.57	54.00	6.75	150	Vertical

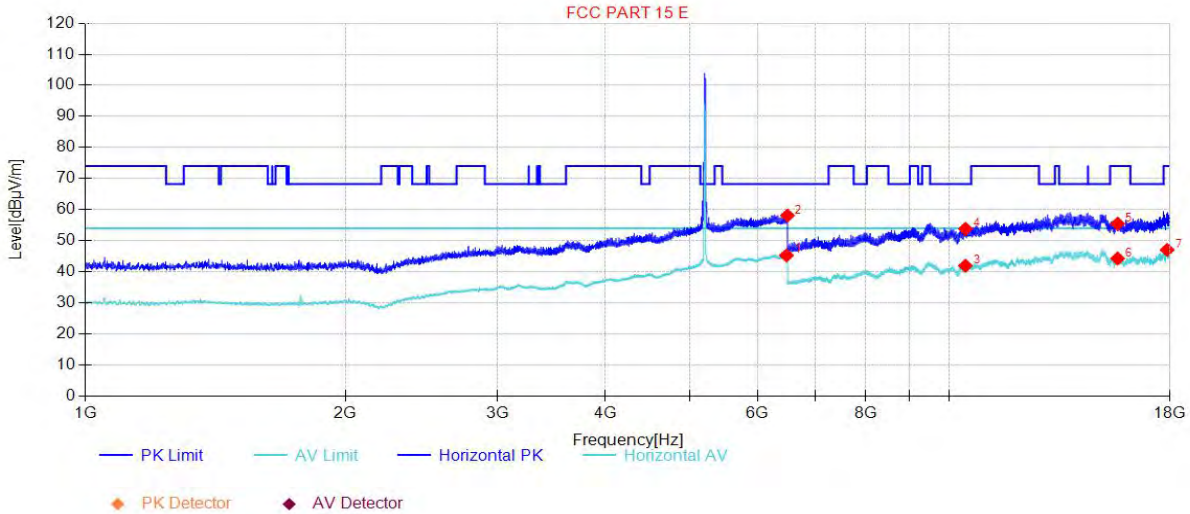
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4.9.2.69 802.11AC20\_Channel 44 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6478.547	45.25	18.60	54.00	8.75	150	Horizontal
2	6495.049	58.08	18.69	68.20	10.12	150	Horizontal
3	10440.00	41.92	2.46	54.00	12.08	150	Horizontal
4	10440.00	53.81	2.46	68.20	14.39	150	Horizontal
5	15660.00	55.45	6.12	74.00	18.55	150	Horizontal
6	15660.00	44.23	6.12	54.00	9.77	150	Horizontal
7	17870.61	47.01	8.59	54.00	6.99	150	Horizontal

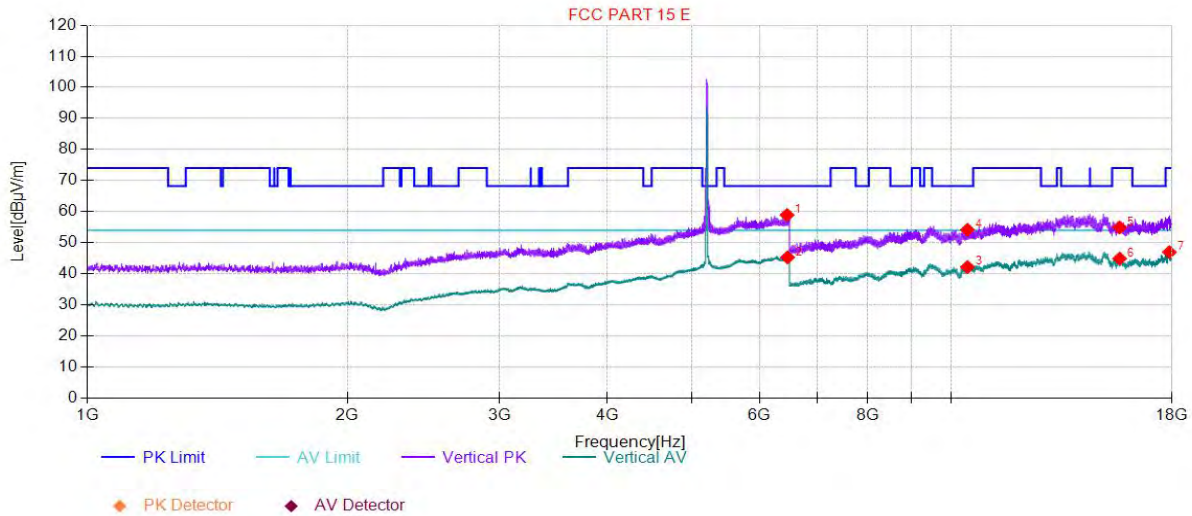
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4.9.2.70 802.11AC20\_Channel 44 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6454.345	58.88	18.46	68.20	9.32	150	Vertical
2	6463.146	45.24	18.51	54.00	8.76	150	Vertical
3	10440.00	42.14	2.46	54.00	11.86	150	Vertical
4	10440.00	54.13	2.46	68.20	14.07	150	Vertical
5	15660.00	54.88	6.12	74.00	19.12	150	Vertical
6	15660.00	44.84	6.12	54.00	9.16	150	Vertical
7	17880.39	46.92	8.67	54.00	7.08	150	Vertical

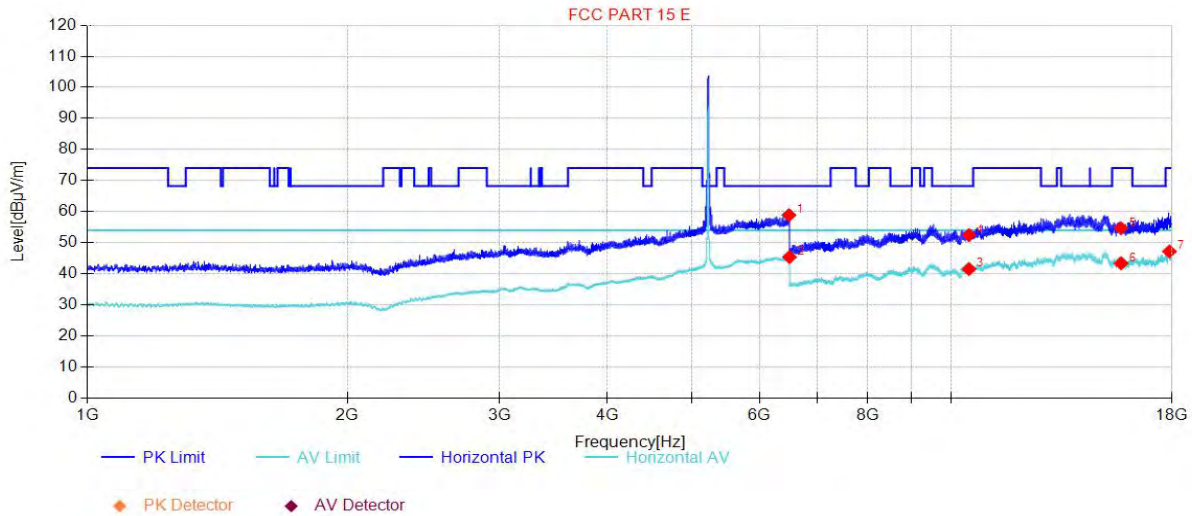
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4.9.2.71 802.11AC20\_Channel 48 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6487.348	58.86	18.64	68.20	9.34	150	Horizontal
2	6496.699	45.35	18.70	54.00	8.65	150	Horizontal
3	10480.00	41.50	2.49	54.00	12.50	150	Horizontal
4	10480.00	52.40	2.49	68.20	15.80	150	Horizontal
5	15720.00	54.62	5.92	74.00	19.38	150	Horizontal
6	15720.00	43.35	5.92	54.00	10.65	150	Horizontal
7	17884.41	47.16	8.70	54.00	6.84	150	Horizontal

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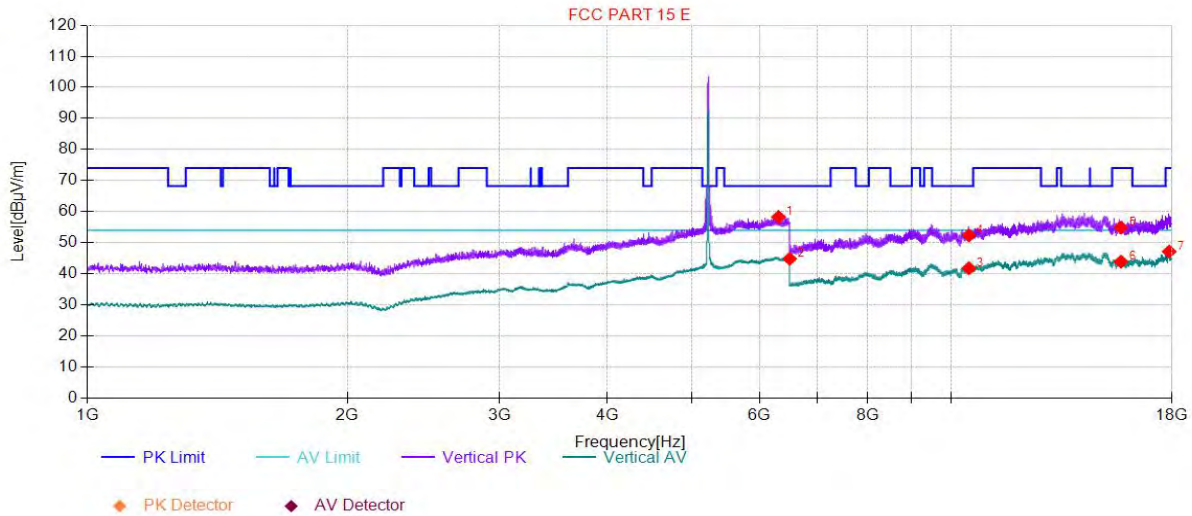


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4.9.2.72 802.11AC20\_Channel 48 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6309.681	58.25	18.45	68.20	9.95	150	Vertical
2	6499.449	44.80	18.71	54.00	9.20	150	Vertical
3	10480.00	41.74	2.49	54.00	12.26	150	Vertical
4	10480.00	52.31	2.49	68.20	15.89	150	Vertical
5	15720.00	54.81	5.92	74.00	19.19	150	Vertical
6	15720.00	43.86	5.92	54.00	10.14	150	Vertical
7	17870.61	47.11	8.59	54.00	6.89	150	Vertical

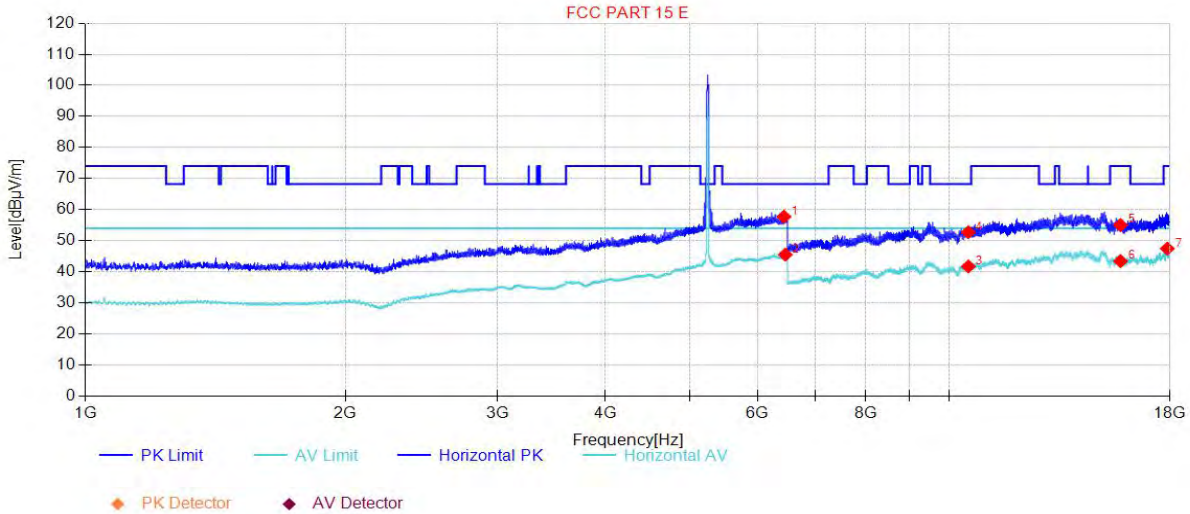
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4.9.2.73 802.11AC20\_Channel 52 MIMO



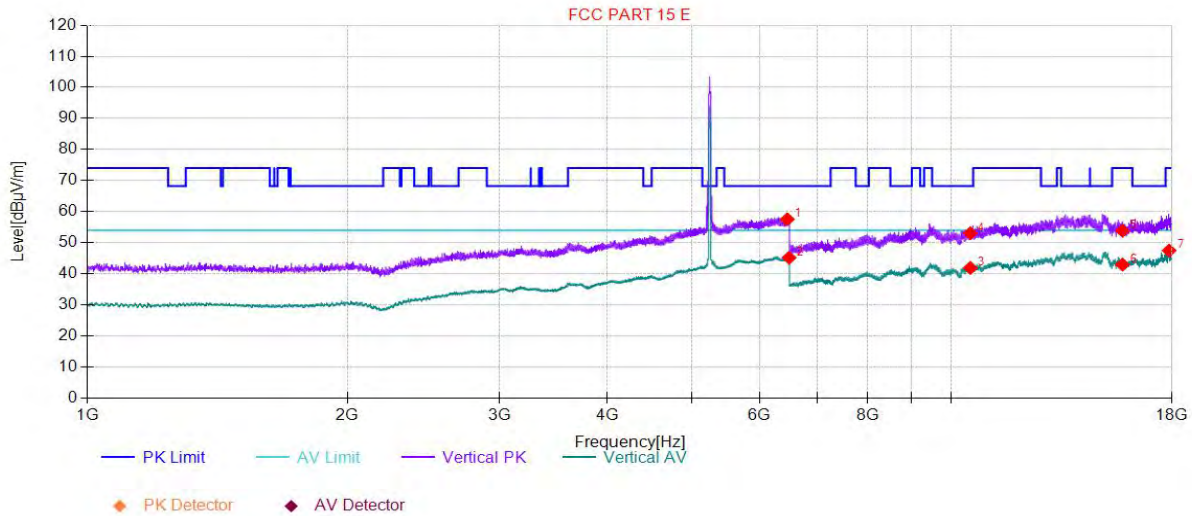
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6436.743	57.70	18.36	68.20	10.50	150	Horizontal
2	6459.295	45.48	18.49	54.00	8.52	150	Horizontal
3	10520.00	41.68	2.45	54.00	12.32	150	Horizontal
4	10520.00	52.68	2.45	68.20	15.52	150	Horizontal
5	15780.00	55.00	5.30	74.00	19.00	150	Horizontal
6	15780.00	43.40	5.30	54.00	10.60	150	Horizontal
7	17876.94	47.43	8.64	54.00	6.57	150	Horizontal

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4.9.2.74 802.11AC20\_Channel 52 MIMO



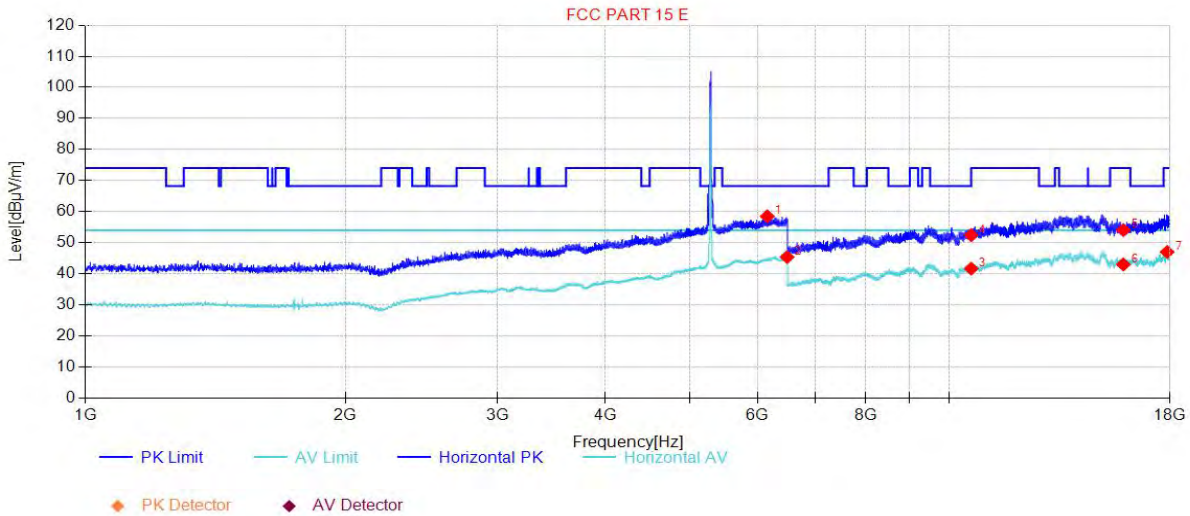
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6458.195	57.50	18.48	68.20	10.70	150	Vertical
2	6488.448	45.15	18.65	54.00	8.85	150	Vertical
3	10520.00	41.85	2.45	54.00	12.15	150	Vertical
4	10520.00	53.01	2.45	68.20	15.19	150	Vertical
5	15780.00	53.80	5.30	74.00	20.20	150	Vertical
6	15780.00	42.94	5.30	54.00	11.06	150	Vertical
7	17870.04	47.46	8.59	54.00	6.54	150	Vertical

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4.9.2.75 802.11AC20\_Channel 60 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6156.215	58.46	17.90	68.20	9.74	150	Horizontal
2	6489.549	45.36	18.66	54.00	8.64	150	Horizontal
3	10600.00	41.62	2.23	54.00	12.38	150	Horizontal
4	10600.00	52.42	2.23	74.00	21.58	150	Horizontal
5	15900.00	54.06	5.29	74.00	19.94	150	Horizontal
6	15900.00	42.96	5.29	54.00	11.04	150	Horizontal
7	17870.04	46.99	8.59	54.00	7.01	150	Horizontal

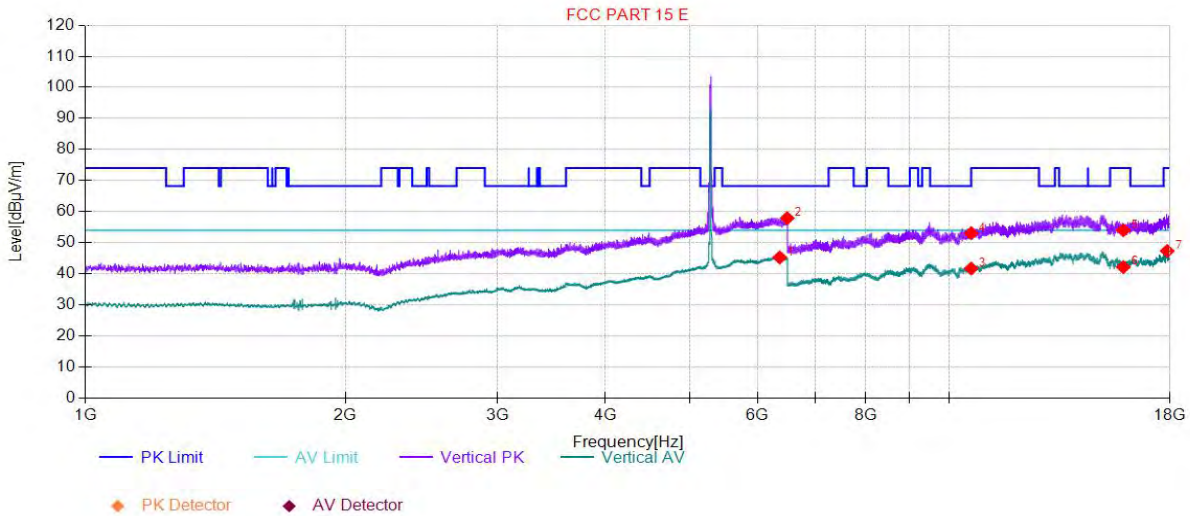
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4.9.2.76 802.11AC20\_Channel 60 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6363.586	45.23	18.28	54.00	8.77	150	Vertical
2	6490.649	57.86	18.66	68.20	10.34	150	Vertical
3	10600.00	41.67	2.23	54.00	12.33	150	Vertical
4	10600.00	53.03	2.23	74.00	20.97	150	Vertical
5	15900.00	54.00	5.29	74.00	20.00	150	Vertical
6	15900.00	42.13	5.29	54.00	11.87	150	Vertical
7	17874.64	47.31	8.62	54.00	6.69	150	Vertical

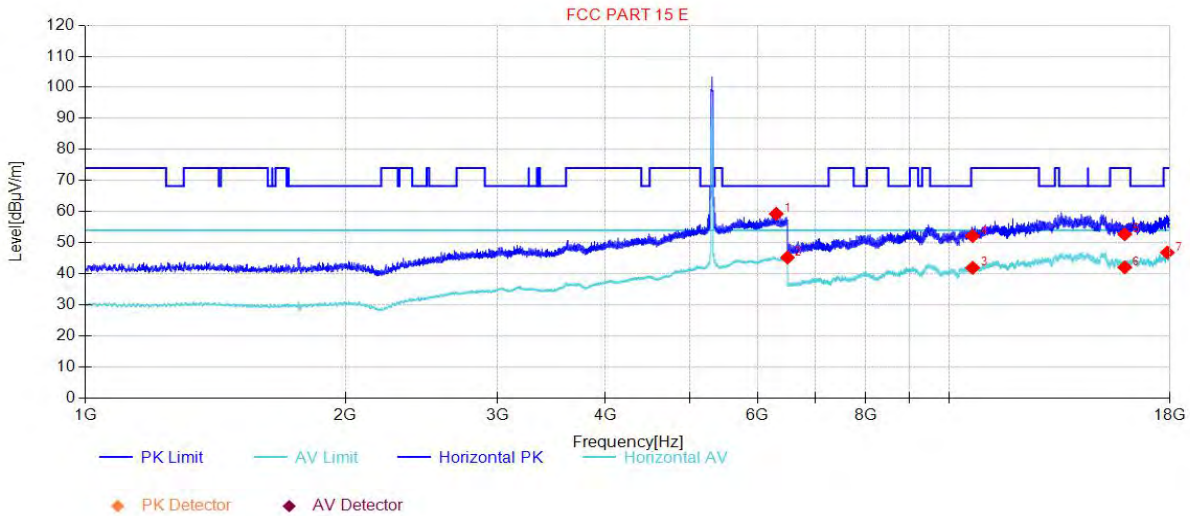
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4.9.2.77 802.11AC20\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6305.280	59.27	18.47	68.20	8.93	150	Horizontal
2	6496.149	45.20	18.69	54.00	8.80	150	Horizontal
3	10640.00	41.88	2.22	54.00	12.12	150	Horizontal
4	10640.00	52.13	2.22	74.00	21.87	150	Horizontal
5	15960.00	52.69	5.01	74.00	21.31	150	Horizontal
6	15960.00	42.05	5.01	54.00	11.95	150	Horizontal
7	17879.24	46.79	8.66	54.00	7.21	150	Horizontal

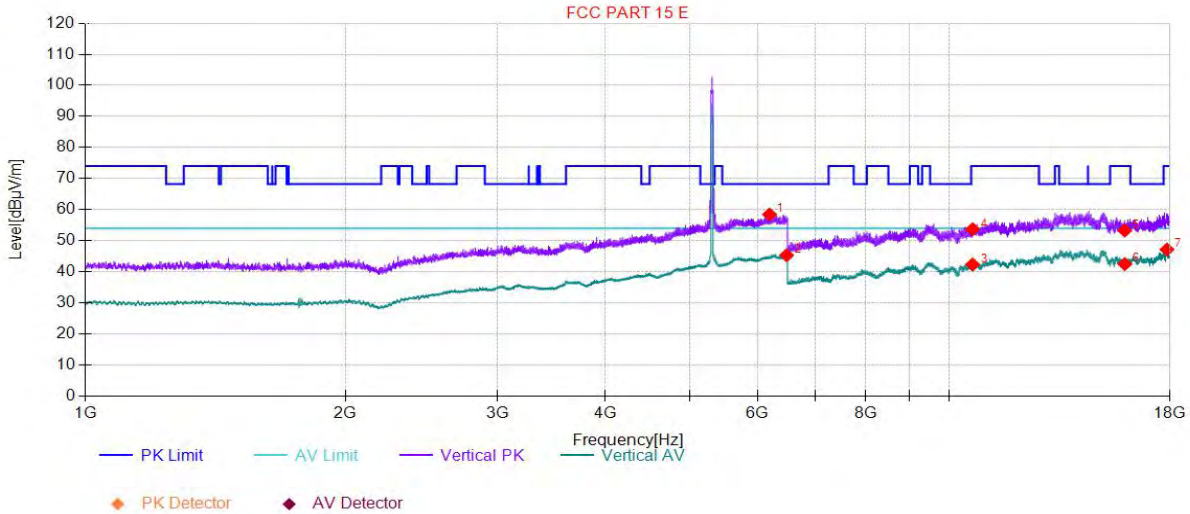
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4.9.2.78 802.11AC20\_Channel 64 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6193.619	58.44	17.99	68.20	9.76	150	Vertical
2	6481.298	45.29	18.61	54.00	8.71	150	Vertical
3	10640.00	42.31	2.22	54.00	11.69	150	Vertical
4	10640.00	53.68	2.22	74.00	20.32	150	Vertical
5	15960.00	53.23	5.01	74.00	20.77	150	Vertical
6	15960.00	42.46	5.01	54.00	11.54	150	Vertical
7	17862.56	47.14	8.52	54.00	6.86	150	Vertical

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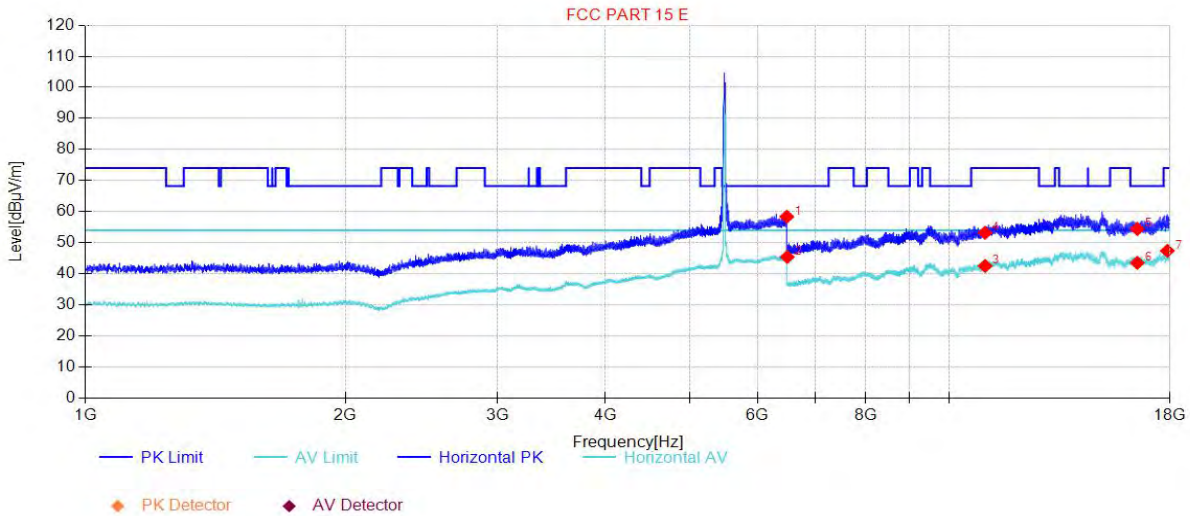


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4.9.2.79 802.11AC20\_Channel 100 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6484.965	58.36	18.63	68.20	9.84	150	Horizontal
2	6492.666	45.39	18.67	54.00	8.61	150	Horizontal
3	11000.00	42.49	2.74	54.00	11.51	150	Horizontal
4	11000.00	53.16	2.74	74.00	20.84	150	Horizontal
5	16500.00	54.39	5.09	68.20	13.81	150	Horizontal
6	16500.00	43.50	5.09	54.00	10.50	150	Horizontal
7	17880.39	47.37	8.67	54.00	6.63	150	Horizontal

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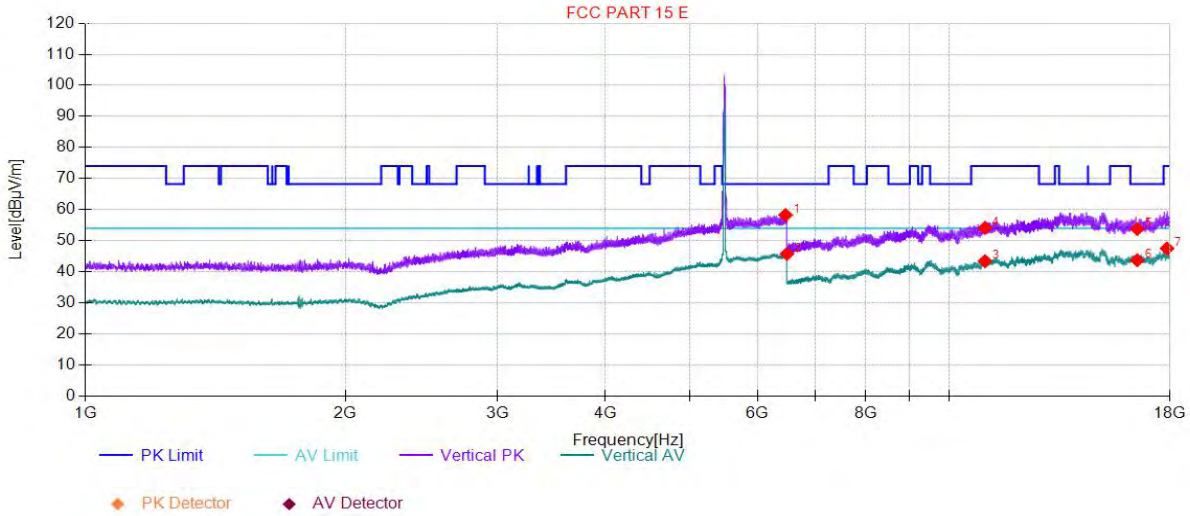


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4.9.2.80 802.11AC20\_Channel 100 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6462.230	58.22	18.51	68.20	9.98	150	Vertical
2	6487.165	45.73	18.64	54.00	8.27	150	Vertical
3	11000.00	43.37	2.74	54.00	10.63	150	Vertical
4	11000.00	54.13	2.74	74.00	19.87	150	Vertical
5	16500.00	53.74	5.09	68.20	14.46	150	Vertical
6	16500.00	43.69	5.09	54.00	10.31	150	Vertical
7	17864.75	47.49	8.54	54.00	6.51	150	Vertical

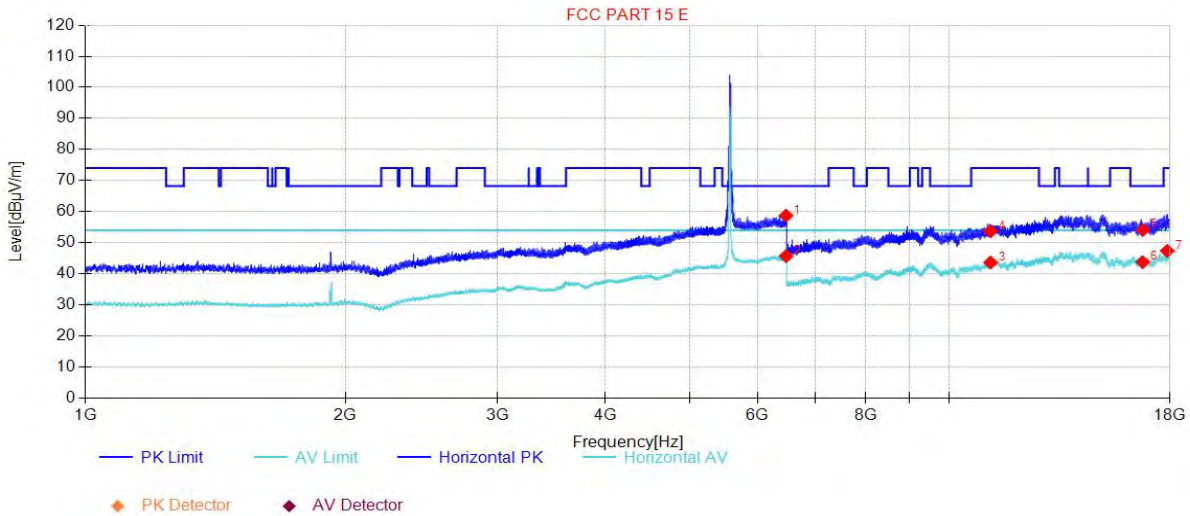
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4.9.2.81 802.11AC20\_Channel 116 MIMO



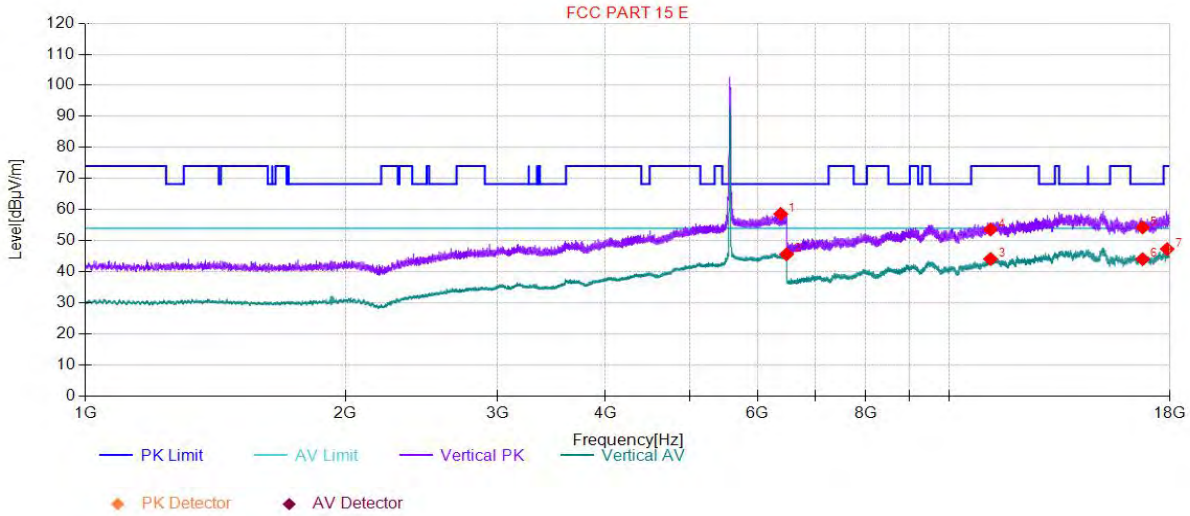
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6469.197	58.69	18.54	68.20	9.51	150	Horizontal
2	6472.131	45.63	18.56	54.00	8.37	150	Horizontal
3	11160.00	43.59	2.54	54.00	10.41	150	Horizontal
4	11160.00	53.65	2.54	74.00	20.35	150	Horizontal
5	16740.00	54.07	5.53	68.20	14.13	150	Horizontal
6	16740.00	43.72	5.53	54.00	10.28	150	Horizontal
7	17873.03	47.37	8.61	54.00	6.63	150	Horizontal

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4.9.2.82 802.11AC20\_Channel 116 MIMO



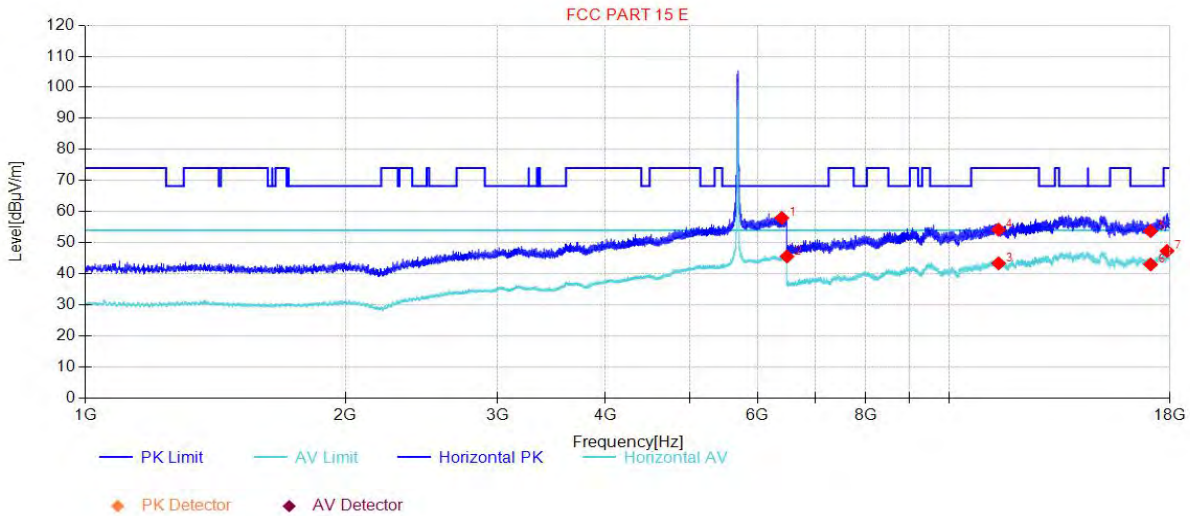
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6381.925	58.58	18.22	68.20	9.62	150	Vertical
2	6481.298	45.60	18.61	54.00	8.40	150	Vertical
3	11160.00	44.08	2.54	54.00	9.92	150	Vertical
4	11160.00	53.58	2.54	74.00	20.42	150	Vertical
5	16740.00	54.25	5.53	68.20	13.95	150	Vertical
6	16740.00	44.04	5.53	54.00	9.96	150	Vertical
7	17873.03	47.29	8.61	54.00	6.71	150	Vertical

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4.9.2.83 802.11AC20\_Channel 140 MIMO



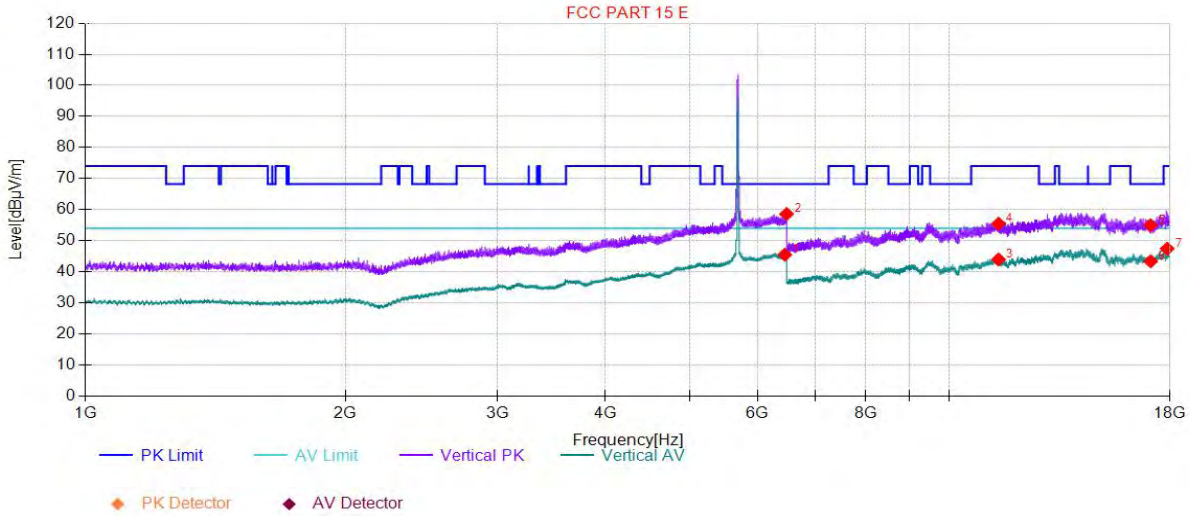
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6398.426	57.94	18.17	68.20	10.26	150	Horizontal
2	6487.532	45.55	18.65	54.00	8.45	150	Horizontal
3	11400.00	43.33	2.54	54.00	10.67	150	Horizontal
4	11400.00	54.19	2.54	74.00	19.81	150	Horizontal
5	17100.00	53.70	5.72	68.20	14.50	150	Horizontal
6	17100.00	42.97	5.72	54.00	11.03	150	Horizontal
7	17865.67	47.32	8.55	54.00	6.68	150	Horizontal

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4.9.2.84 802.11AC20\_Channel 140 MIMO



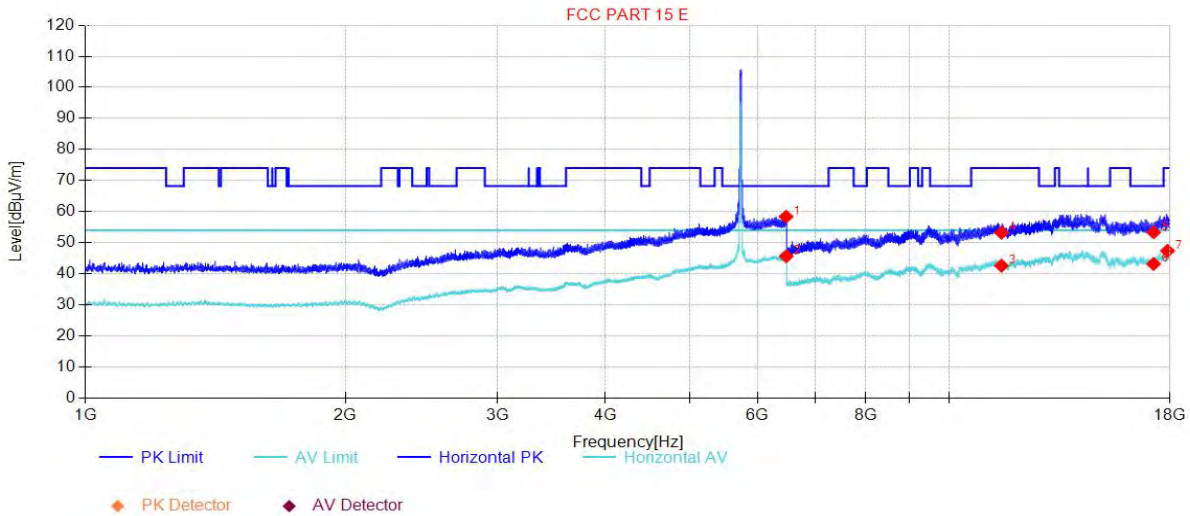
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6450.130	45.46	18.44	54.00	8.54	150	Vertical
2	6481.298	58.56	18.61	68.20	9.64	150	Vertical
3	11400.00	43.93	2.54	54.00	10.07	150	Vertical
4	11400.00	55.44	2.54	74.00	18.56	150	Vertical
5	17100.00	54.94	5.72	68.20	13.26	150	Vertical
6	17100.00	43.34	5.72	54.00	10.66	150	Vertical
7	17873.03	47.42	8.61	54.00	6.58	150	Vertical

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4.9.2.85 802.11AC20\_Channel 149 MIMO



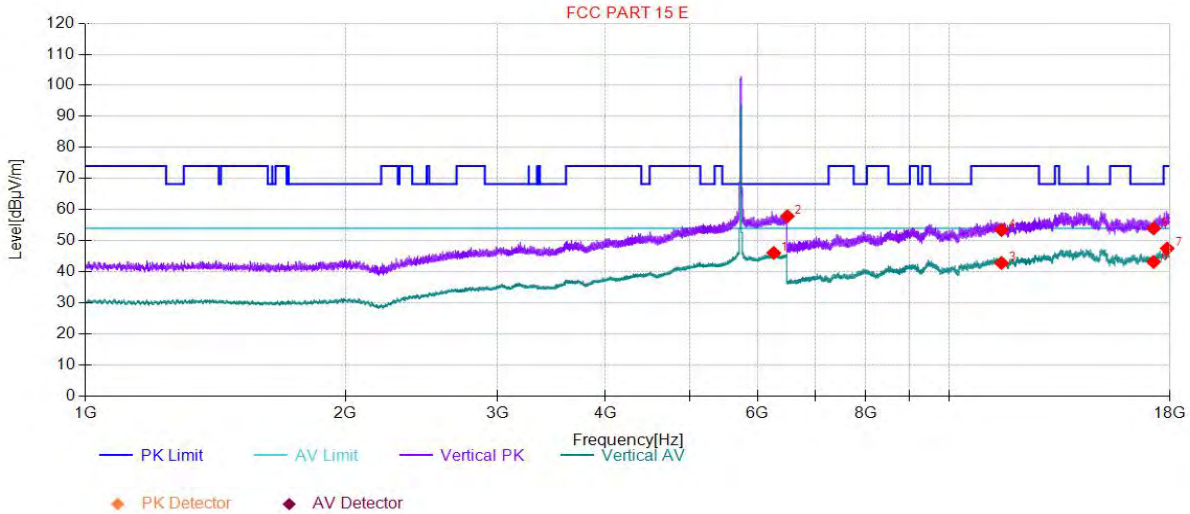
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.398	58.36	18.56	68.20	9.84	150	Horizontal
2	6474.698	45.62	18.57	54.00	8.38	150	Horizontal
3	11490.00	42.57	2.10	54.00	11.43	150	Horizontal
4	11490.00	53.21	2.10	74.00	20.79	150	Horizontal
5	17235.00	53.33	6.10	68.20	14.87	150	Horizontal
6	17235.00	43.13	6.10	54.00	10.87	150	Horizontal
7	17890.51	47.36	8.75	54.00	6.64	150	Horizontal

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4.9.2.86 802.11AC20\_Channel 149 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6262.384	46.03	18.30	54.00	7.97	150	Vertical
2	6494.499	57.86	18.68	68.20	10.34	150	Vertical
3	11490.00	42.80	2.10	54.00	11.20	150	Vertical
4	11490.00	53.41	2.10	74.00	20.59	150	Vertical
5	17235.00	53.92	6.10	68.20	14.28	150	Vertical
6	17235.00	43.15	6.10	54.00	10.85	150	Vertical
7	17872.57	47.47	8.61	54.00	6.53	150	Vertical

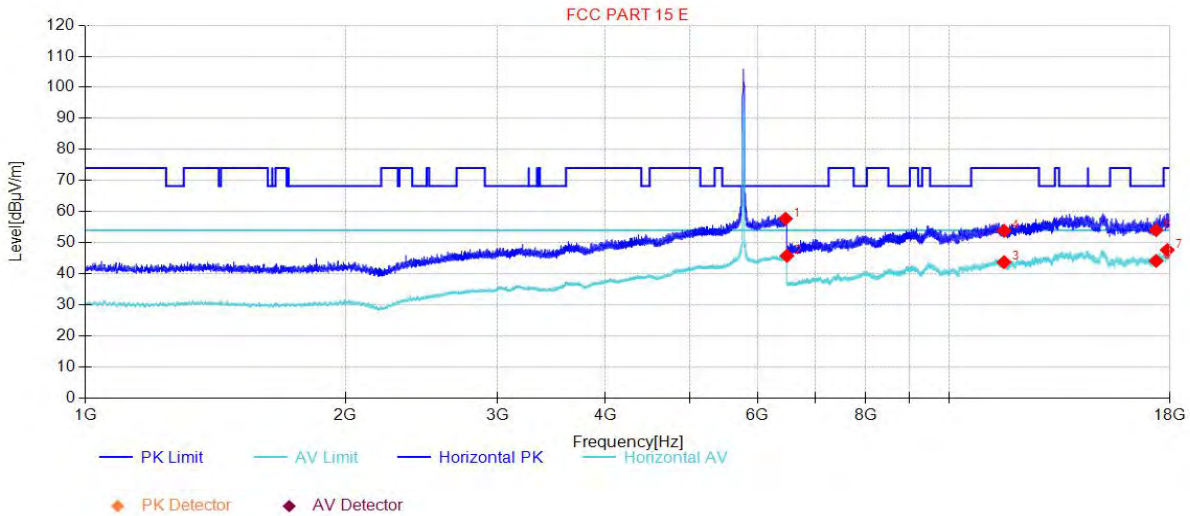
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4.9.2.87 802.11AC20\_Channel 157 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6463.330	57.72	18.51	68.20	10.48	150	Horizontal
2	6486.799	45.73	18.64	54.00	8.27	150	Horizontal
3	11570.00	43.72	2.92	54.00	10.28	150	Horizontal
4	11570.00	53.81	2.92	74.00	20.19	150	Horizontal
5	17355.00	54.01	6.75	68.20	14.19	150	Horizontal
6	17355.00	44.11	6.75	54.00	9.89	150	Horizontal
7	17877.63	47.62	8.65	54.00	6.38	150	Horizontal

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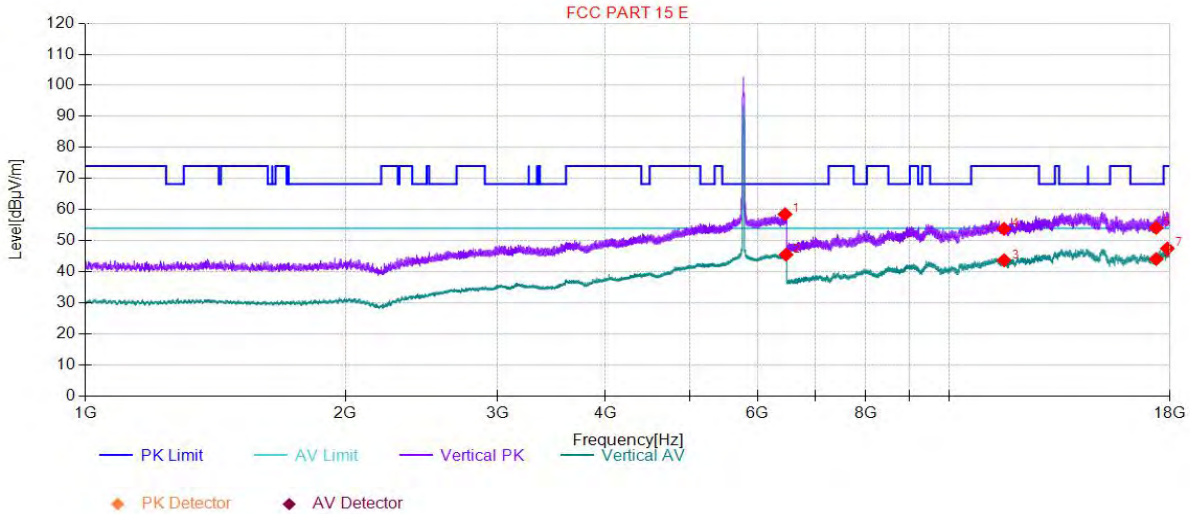


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4.9.2.88 802.11AC20\_Channel 157 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6454.897	58.48	18.46	68.20	9.72	150	Vertical
2	6470.664	45.48	18.55	54.00	8.52	150	Vertical
3	11570.00	43.66	2.92	54.00	10.34	150	Vertical
4	11570.00	53.79	2.92	74.00	20.21	150	Vertical
5	17355.00	54.13	6.75	68.20	14.07	150	Vertical
6	17355.00	44.06	6.75	54.00	9.94	150	Vertical
7	17882.23	47.48	8.69	54.00	6.52	150	Vertical

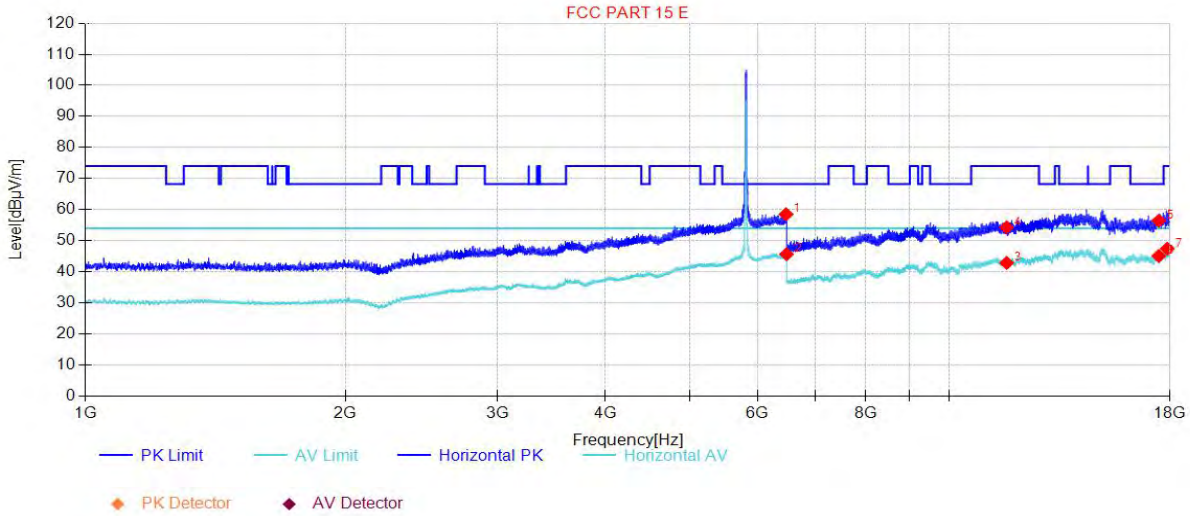
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4.9.2.89 802.11AC20\_Channel 165 MIMO



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Polarity
1	6472.131	58.48	18.56	68.20	9.72	150	Horizontal
2	6480.565	45.63	18.61	54.00	8.37	150	Horizontal
3	11650.00	42.82	2.58	54.00	11.18	150	Horizontal
4	11650.00	54.29	2.58	74.00	19.71	150	Horizontal
5	17475.00	56.42	7.42	68.20	11.78	150	Horizontal
6	17475.00	45.05	7.42	54.00	8.95	150	Horizontal
7	17875.79	47.43	8.63	54.00	6.57	150	Horizontal

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