FCC TEST REPORT

Application No:	HR/2019/20007
Applicant:	Huawei Technologies Co., Ltd.
Address of Applicant	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Manufacturer:	Huawei Technologies Co., Ltd.
Address of Manufacturer	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
EUT Description:	HUAWEI MateBook
Model No.:	MACHR-W29/MACHR-W19
Trade Mark:	HUAWEI
FCC ID:	QISMACHR-WX9
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 v05 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:	2019/2/14
Date of Test:	2019/2/15 to 2019/3/8
Date of Issue:	2019/3/8
Test Result:	**PASS ***

. * In the configuration tested, the EUT complied with the standards specified above.

Derek Yang
Wireless Laboratory Manager

1 Version

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
00		2019/3/8		Original

Authorized for issue by:				
Tested By		Mike Hu **(Mike Hu) /Project Engineer**		2019/3/8 **Date**
Checked By		David Chen **(David Chen) /Reviewer**		2019/3/8 **Date**

Contents

2 Test Summary

Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
Unwanted Emissions that fall Outside 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 4.3	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).		
	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).		
	5725-5850	15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP) F≥1GHz &out-restricted:(QP) a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges. F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		
Unwanted Emissions in the Restricted Bands (Radiated)	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.4	Pass

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Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
AC Power Line Conducted Emissions	5150-5250 5250-5350 5470-5725 5725-5850	15.207	---	Clause 4.2	Pass
Dynamic Frequency Selection	5250-5350 5470-5725	47 CFR Part 15, Subpart E 15.407	Channel Move Time:10 Seconds	Clause 4.5	Pass
			Transmission Time: milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.		
			Non-occupancy period: Minimum 30 minutes		

The difference between MACHR-W29 and MACHR-W19:
MACHR-W29/MACHR-W19 is a notebook computer,
Which supports 2.4G Wi-Fi, 5G Wi-Fi, and Bluetooth wireless frequency bands.
The difference between MACHR-W29and MACHR-W19 is show in the following table:

model	MACHR-W29	MACHR-W19
PCB layout	The same	The same
Main board	The same	The same
Frequency bands	The same,support Wi-Fi 2.4G&5G,BT 2.4G	The same,support Wi-Fi 2.4G&5G,BT 2.4G
BT/ Wi-Fi antenna	The same	The same
Appearance	The same	The same
Dimension	The same	The same
CPU	Whiskey lake-U i7, Support max 4.6GHz	Whiskey lake-U i5, Support max 3.9GHz
GPU	Support or Not support	Support or Not support
Memory	16/8G	8G
SSD	512G/1T	256G/512G
Rear camera	Not support	Not support
Front camera	The same	The same
Adapter	The same	The same
Battery	The same	The same
Optional accessories(Docking station, Bluetooth Mouse)	The same	The same

According to the difference above, all the test were performed on MACHR-W29 and the data displayed in this report, but only the worst case were tested on MACHR-W19 and the data displayed in this report.

3 General Information

3.1 Client Information

Applicant:	Huawei Technologies Co., Ltd.
Address of Applicant:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
Manufacturer:	Huawei Technologies Co., Ltd.
Address of Manufacturer:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

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
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Fax:	+86 (0) 755 2671 0594
E-mail:	ee.shenzhen@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 17025:2005 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.

3.4 General Description of EUT

EUT Description::	HUAWEI MateBook
Model No.:	MACHR-W29/MACHR-W19
Trade Mark:	HUAWEI
Hardware Version:	SP2MACHRW19M
Software Version:	1.5.0.7(C001)
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)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80/160): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80/160): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80/160): 5470MHz to 5725MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 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), ☒ MIMO (for 802.11n/ac), ☐ Diversity (for 802.11a) : Tx & Rx
Antenna Gain:	ANT1:2.5dBi, ANT2:2.5dBi
Power Supply	☒ AC/DC Adapter; ☐ PoE:; ☐ Other:
EUT Power Supply:	Model : HB4593R1ECW Rated capacity: 7410mAh Rated Voltage: 7.6V Limited Charge Voltage: 8.7V
AC adaptor:	Model: HW-200325UP0 Input Voltage :100-240V ~50/60Hz, 1.8A Output Voltage: ⎓ 5V,2A/9V,2A/12V,2A/15V,3A/20V,3.25A

Remark:

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

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

Greater than 10 MHz	3	1 near high end, 1 near centre

For UNII Band I:

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

For UNII Band II-A:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac 20MHz	The Lowest channel	5260
	The Middle channel	5280
	The Highest channel	5320
IEEE 802.11n/ac 40MHz	The Lowest channel	5270
	The Highest channel	5310
IEEE 802.11ac 80MHz	The Middle channel	5290
IEEE 802.11ac 160MHz	The Middle channel	5250

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	5500
	The Highest channel	5670
IEEE 802.11ac 80MHz	The Lowest channel	5500
	The Highest channel	5580
IEEE 802.11ac 160MHz	The Middle channel	5570

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

3.5 Test Environment and Mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	55 % RH
Atmospheric Pressure:	101.32 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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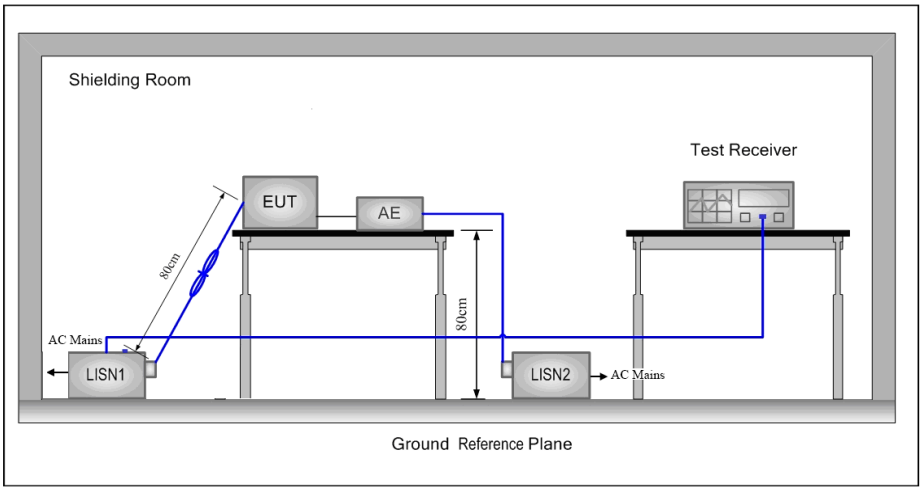
4 Test results and Measurement Data

4.1 Antenna Requirement

Test 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 ANT1:2.5dBi, ANT2:2.5dBi.	

4.2 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.		

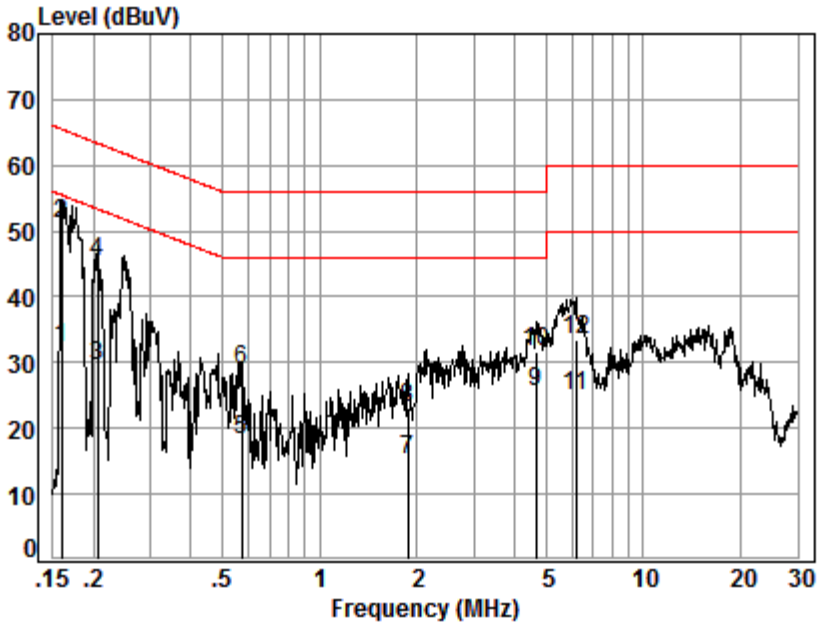
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer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

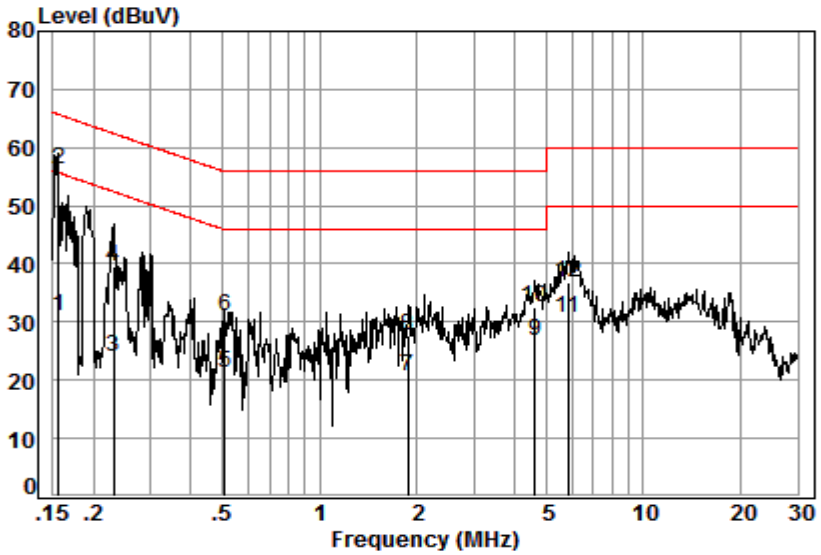
Live Line:



Site : Shielding Room
Condition: Line
Job No. : 11192CR
Test mode: a

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.16	0.01	9.66	22.44	32.11	55.52	-23.41	Average
2	0.16	0.01	9.66	41.54	51.21	65.52	-14.31	QP
3	0.21	0.02	9.66	19.67	29.35	53.36	-24.01	Average
4	0.21	0.02	9.66	35.68	45.36	63.36	-18.00	QP
5	0.57	0.07	9.67	8.54	18.28	46.00	-27.72	Average
6	0.57	0.07	9.67	19.05	28.79	56.00	-27.21	QP
7	1.87	0.15	9.72	5.34	15.21	46.00	-30.79	Average
8	1.87	0.15	9.72	13.20	23.07	56.00	-32.93	QP
9	4.65	0.17	9.73	15.61	25.51	46.00	-20.49	Average
10	4.65	0.17	9.73	21.74	31.64	56.00	-24.36	QP
11	6.19	0.17	9.77	15.13	25.07	50.00	-24.93	Average
12	6.19	0.17	9.77	23.61	33.55	60.00	-26.45	QP

Neutral Line:



Site : Shielding Room
Condition: Neutral
Job No. : 11192CR
Test mode: a

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.16	0.01	9.63	21.27	30.91	55.69	-24.78	Average
2	0.16	0.01	9.63	46.69	56.33	65.69	-9.36	QP
3	0.23	0.03	9.64	14.48	24.15	52.44	-28.29	Average
4	0.23	0.03	9.64	29.93	39.60	62.44	-22.84	QP
5	0.51	0.06	9.64	11.49	21.19	46.00	-24.81	Average
6	0.51	0.06	9.64	21.22	30.92	56.00	-25.08	QP
7	1.88	0.15	9.69	10.95	20.79	46.00	-25.21	Average
8	1.88	0.15	9.69	17.98	27.82	56.00	-28.18	QP
9	4.62	0.17	9.70	16.95	26.82	46.00	-19.18	Average
10	4.62	0.17	9.70	22.80	32.67	56.00	-23.33	QP
11	5.87	0.17	9.73	20.71	30.61	50.00	-19.39	Average
12	5.87	0.17	9.73	27.00	36.90	60.00	-23.10	QP

Remarks:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

4.3 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:	

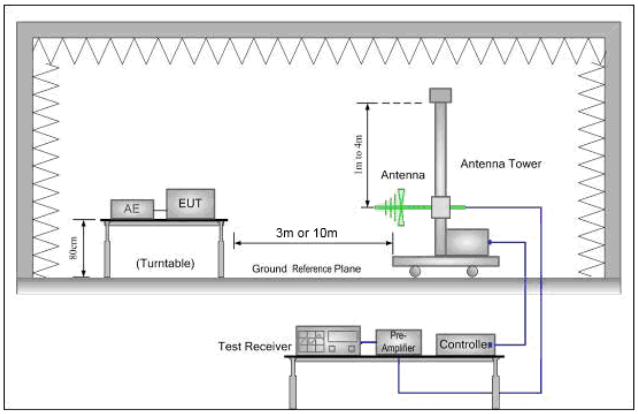


Figure 1. 30MHz to 1GHz

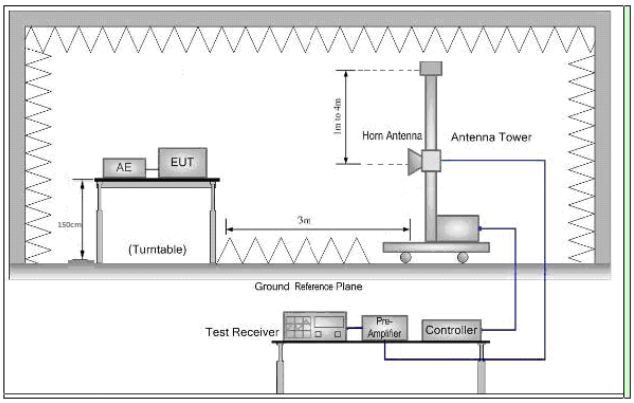


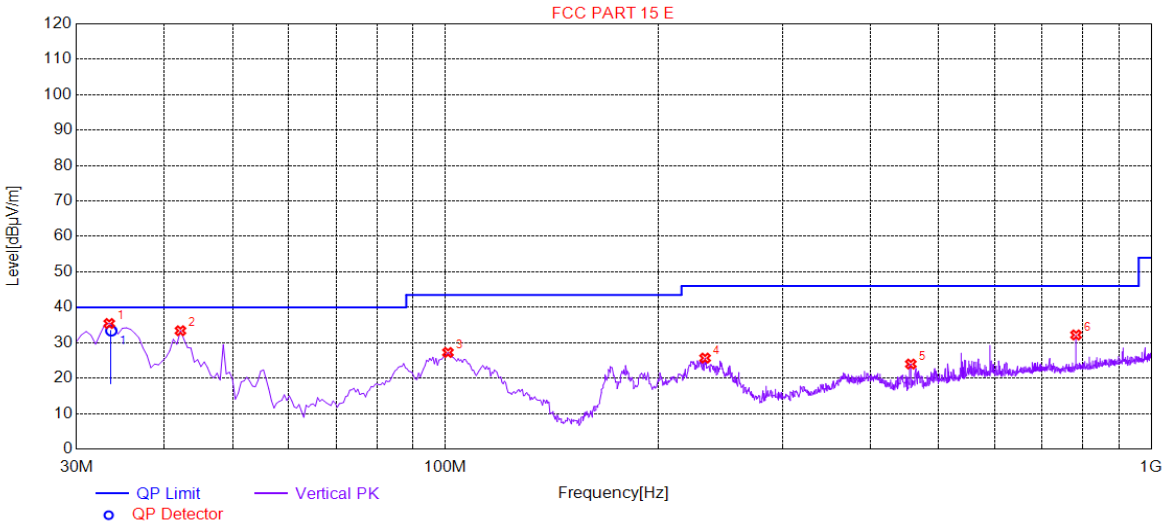
Figure 2. Above 1 GHz

Test Procedure:	a. 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation. c. 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. d. 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. e. 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. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Test the EUT in the outermost channels. h. 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.

	i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT20); MCSAC0 of rate is the worst case of 802.11ac(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT80); MCSAC0 of rate is the worst case of 802.11ac(HT160) 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 6 for details
Test Results:	Pass

4.3.1 Radiated emission below 1GHz for W29

30MHz~1GHz（QP）		
Test mode:	Transmitting	Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.3967	35.43	-33.00	40.00	4.57	100	14	Vertical
2	42.1311	33.39	-30.95	40.00	6.61	100	351	Vertical
3	100.8454	27.25	-32.00	43.50	16.25	100	48	Vertical
4	233.3167	25.67	-30.30	46.00	20.33	100	297	Vertical
5	456.5283	23.98	-24.28	46.00	22.02	100	204	Vertical
6	782.6113	32.20	-17.98	46.00	13.80	200	173	Vertical

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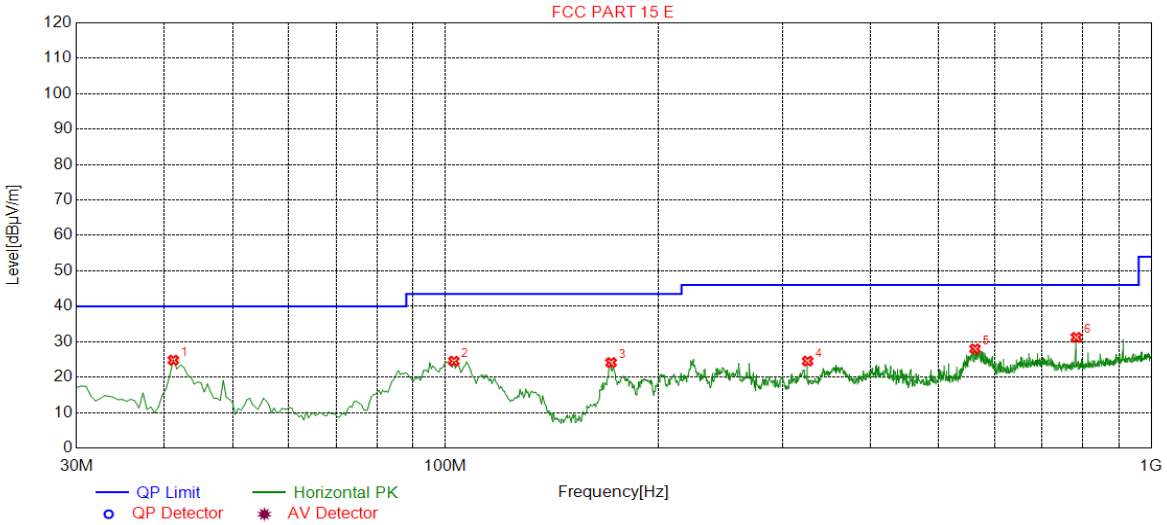
Test mode:	Transmitting	Horizontal

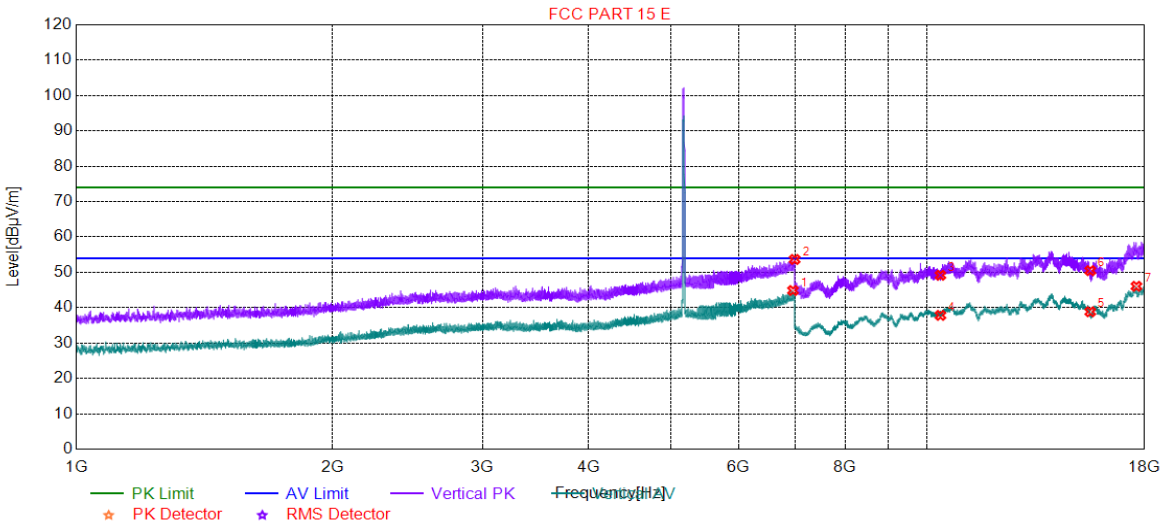


Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.1606	24.79	-31.13	40.00	15.21	200	22	Horizontal
2	102.7864	24.51	-32.00	43.50	18.99	100	246	Horizontal
3	171.6908	24.12	-33.91	43.50	19.38	100	158	Horizontal
4	325.9980	24.52	-27.53	46.00	21.48	100	176	Horizontal
5	562.7964	27.99	-21.68	46.00	18.01	200	346	Horizontal
6	783.0965	31.23	-17.97	46.00	14.77	100	221	Horizontal

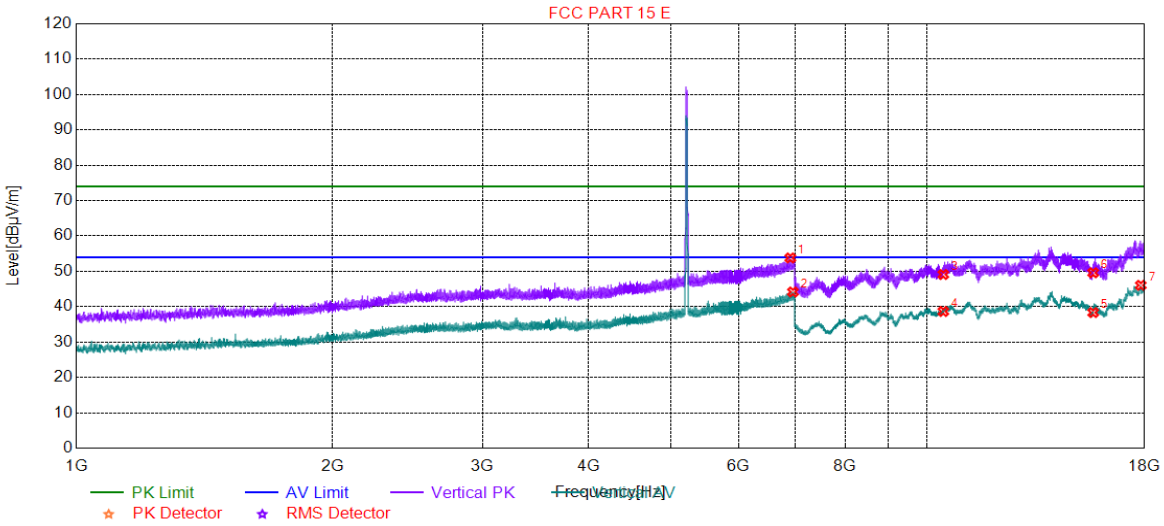
4.3.2 Transmitter emission above 1GHz for W29

4.3.2.1 11A20_36 _Vertical



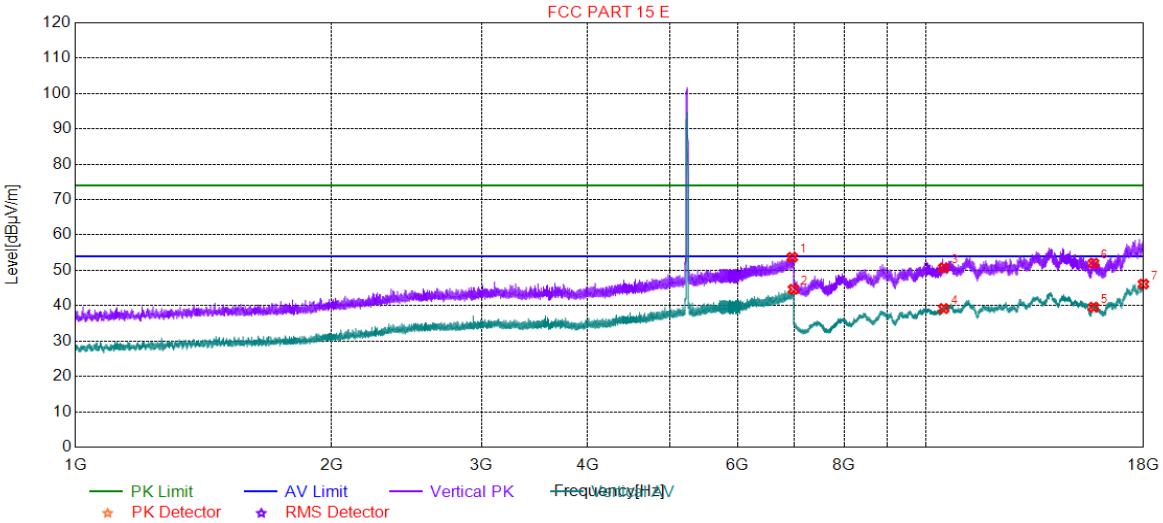
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.0976	44.87	12.59	54.00	9.13	150	54	Vertical
2	6983.7992	53.65	12.71	74.00	20.35	150	342	Vertical
3	10360.0000	49.18	-5.35	74.00	24.82	150	217	Vertical
4	10360.0000	37.84	-5.35	54.00	16.16	150	75	Vertical
5	15540.0000	38.86	-3.26	54.00	15.14	150	103	Vertical
6	15540.0000	50.48	-3.26	74.00	23.52	150	246	Vertical
7	17605.0803	46.06	1.50	54.00	7.94	150	217	Vertical

4.3.2.2 11A20_44 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6901.2951	53.79	12.40	74.00	20.21	150	1	Vertical
2	6949.8975	44.18	12.58	54.00	9.82	150	169	Vertical
3	10440.0000	49.11	-4.92	74.00	24.89	150	274	Vertical
4	10440.0000	38.66	-4.92	54.00	15.34	150	189	Vertical
5	15660.0000	38.35	-3.54	54.00	15.65	150	218	Vertical
6	15660.0000	49.60	-3.54	74.00	24.40	150	47	Vertical
7	17816.2908	46.06	-0.83	54.00	7.94	150	47	Vertical

4.3.2.3 11A20_48 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6955.2978	53.69	12.60	74.00	20.31	150	165	Vertical
2	6979.5990	44.64	12.69	54.00	9.36	150	50	Vertical
3	10480.0000	50.71	-4.49	74.00	23.29	150	172	Vertical
4	10480.0000	39.20	-4.49	54.00	14.80	150	112	Vertical
5	15720.0000	39.60	-2.65	54.00	14.40	150	230	Vertical
6	15720.0000	52.04	-2.65	74.00	21.96	150	315	Vertical
7	17990.0995	46.12	-0.43	54.00	7.88	150	144	Vertical

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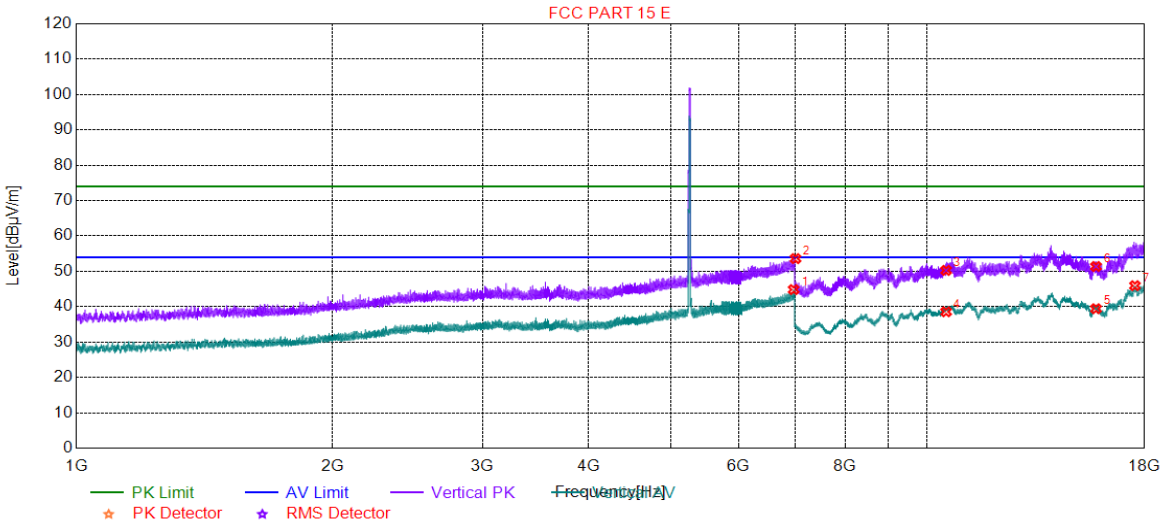
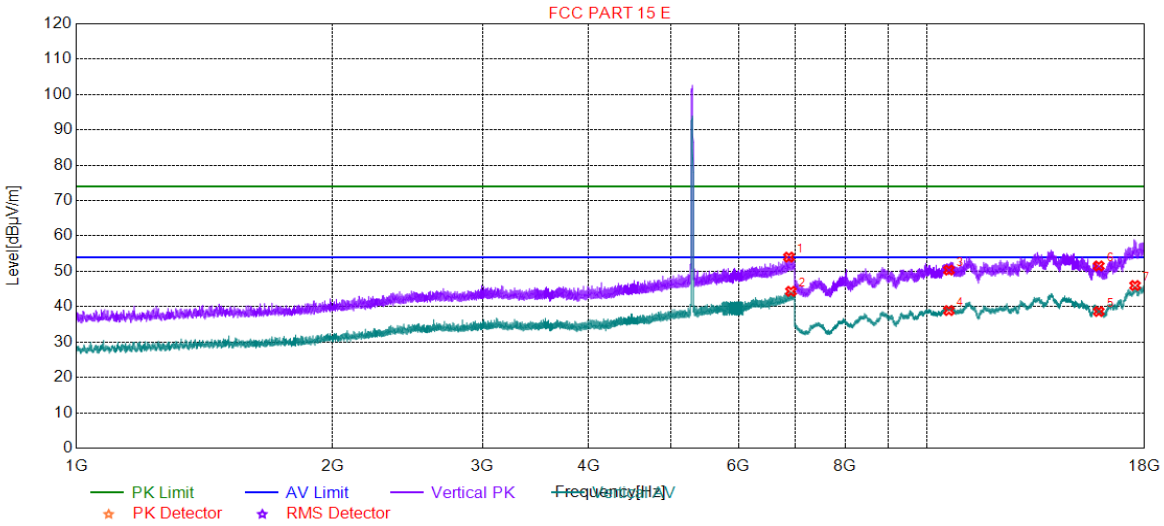
4.3.2.4 11A20_52 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.9982	44.84	12.64	54.00	9.16	150	227	Vertical
2	6998.7999	53.60	12.77	74.00	20.40	150	2	Vertical
3	10520.0000	50.27	-4.37	74.00	23.73	150	246	Vertical
4	10520.0000	38.57	-4.37	54.00	15.43	150	132	Vertical
5	15780.0000	39.43	-2.36	54.00	14.57	150	332	Vertical
6	15780.0000	51.37	-2.36	74.00	22.63	150	189	Vertical
7	17534.1267	45.95	0.79	54.00	8.05	150	246	Vertical

4.3.2.5 11A20_60 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6876.0938	54.02	12.31	74.00	19.98	150	112	Vertical
2	6913.2957	44.35	12.45	54.00	9.65	150	141	Vertical
3	10600.0000	50.35	-4.75	74.00	23.65	150	18	Vertical
4	10600.0000	38.92	-4.75	54.00	15.08	150	18	Vertical
5	15900.0000	38.64	-3.75	54.00	15.36	150	74	Vertical
6	15900.0000	51.52	-3.75	74.00	22.48	150	273	Vertical
7	17540.1770	46.00	0.86	54.00	8.00	150	273	Vertical

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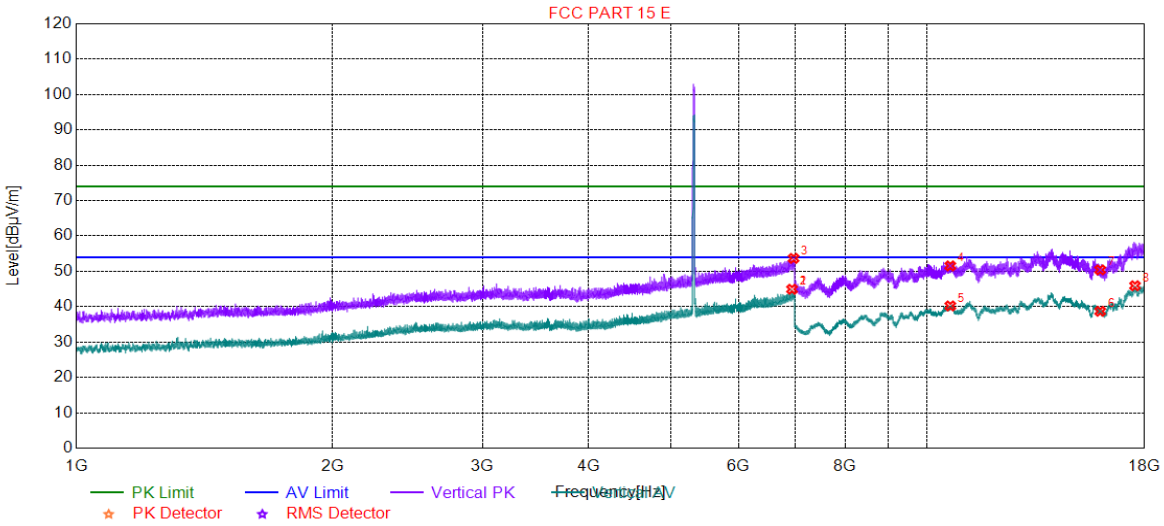
4.3.2.6 11A20_64 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.0967	44.94	12.52	54.00	9.06	150	26	Vertical
2	6933.0967	44.94	12.52	54.00	9.06	150	26	Vertical
3	6963.0982	53.66	12.63	74.00	20.34	150	26	Vertical
4	10640.0000	51.55	-4.69	74.00	22.45	150	273	Vertical
5	10640.0000	40.22	-4.69	54.00	13.78	150	159	Vertical
6	15960.0000	38.71	-3.70	54.00	15.29	150	216	Vertical
7	15960.0000	50.41	-3.70	74.00	23.59	150	330	Vertical
8	17536.8768	45.93	0.82	54.00	8.07	150	330	Vertical

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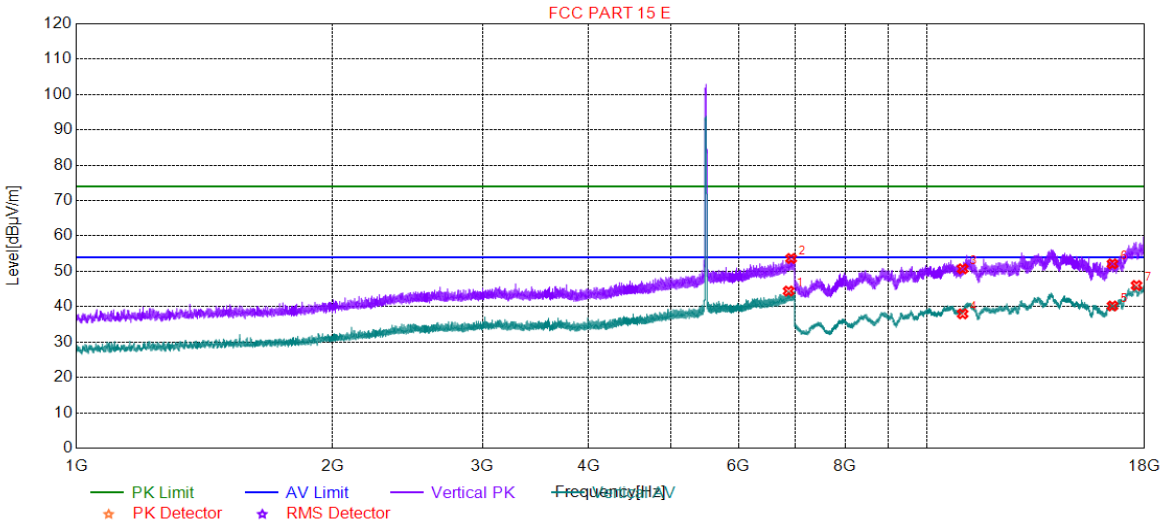
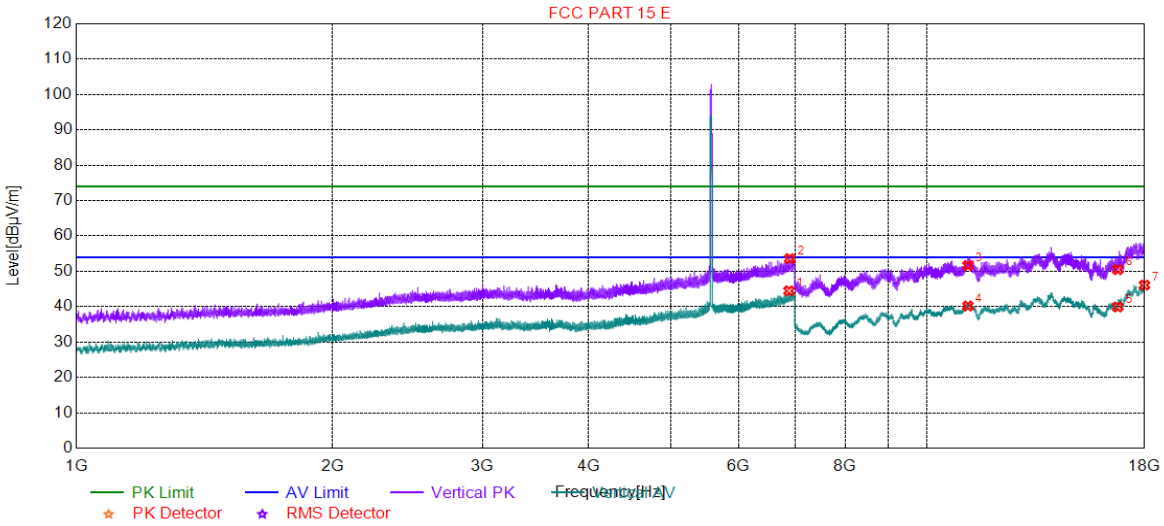
4.3.2.7 11A20_100 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6869.7935	44.43	12.29	54.00	9.57	150	284	Vertical
2	6916.8958	53.64	12.46	74.00	20.36	150	112	Vertical
3	11000.0000	50.72	-4.28	74.00	23.28	150	332	Vertical
4	11000.0000	37.99	-4.28	54.00	16.01	150	218	Vertical
5	16500.0000	40.22	-3.62	54.00	13.78	150	161	Vertical
6	16500.0000	52.12	-3.62	74.00	21.88	150	75	Vertical
7	17612.2306	46.01	1.31	54.00	7.99	150	47	Vertical

4.3.2.8 11A20_116 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6878.1939	44.49	12.32	54.00	9.51	150	113	Vertical
2	6890.1945	53.62	12.36	74.00	20.38	150	84	Vertical
3	11160.0000	51.65	-3.43	74.00	22.35	150	189	Vertical
4	11160.0000	40.21	-3.43	54.00	13.79	150	47	Vertical
5	16740.0000	39.94	-3.33	54.00	14.06	150	218	Vertical
6	16740.0000	50.49	-3.33	74.00	23.51	150	47	Vertical
7	17993.3997	46.11	-0.40	54.00	7.89	150	306	Vertical

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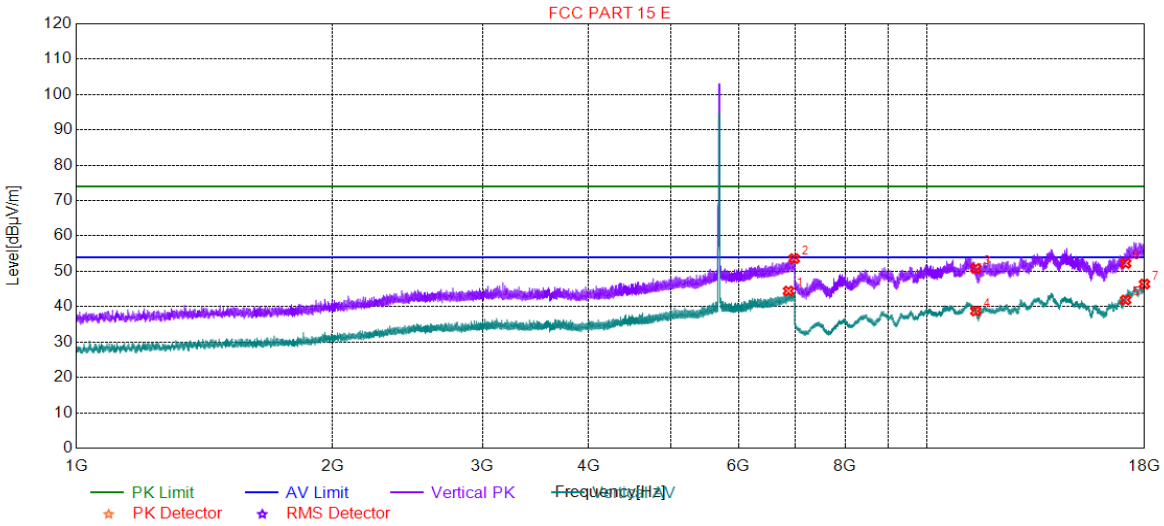
4.3.2.9 11A20_140 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6867.9934	44.44	12.28	54.00	9.56	150	142	Vertical
2	6974.7987	53.60	12.68	74.00	20.40	150	228	Vertical
3	11400.0000	50.80	-4.42	74.00	23.20	150	161	Vertical
4	11400.0000	38.78	-4.42	54.00	15.22	150	47	Vertical
5	17100.0000	41.90	-3.09	54.00	12.10	150	189	Vertical
6	17100.0000	52.25	-3.09	74.00	21.75	150	331	Vertical
7	17991.7496	46.41	-0.41	54.00	7.59	150	331	Vertical

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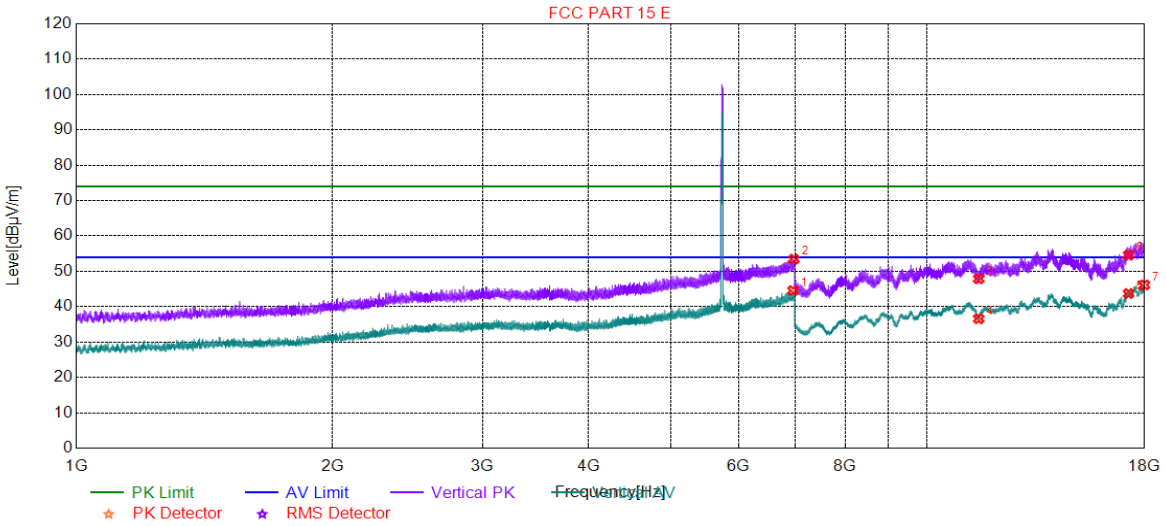
4.3.2.10 11A20_149 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.8976	44.55	12.60	54.00	9.45	150	83	Vertical
2	6967.8984	53.44	12.65	74.00	20.56	150	255	Vertical
3	11490.0000	47.90	-5.65	74.00	26.10	150	18	Vertical
4	11490.0000	36.59	-5.65	54.00	17.41	150	18	Vertical
5	17235.0000	43.74	-1.47	54.00	10.26	150	104	Vertical
6	17235.0000	54.59	-1.47	74.00	19.41	150	218	Vertical
7	17991.1996	46.16	-0.42	54.00	7.84	150	189	Vertical

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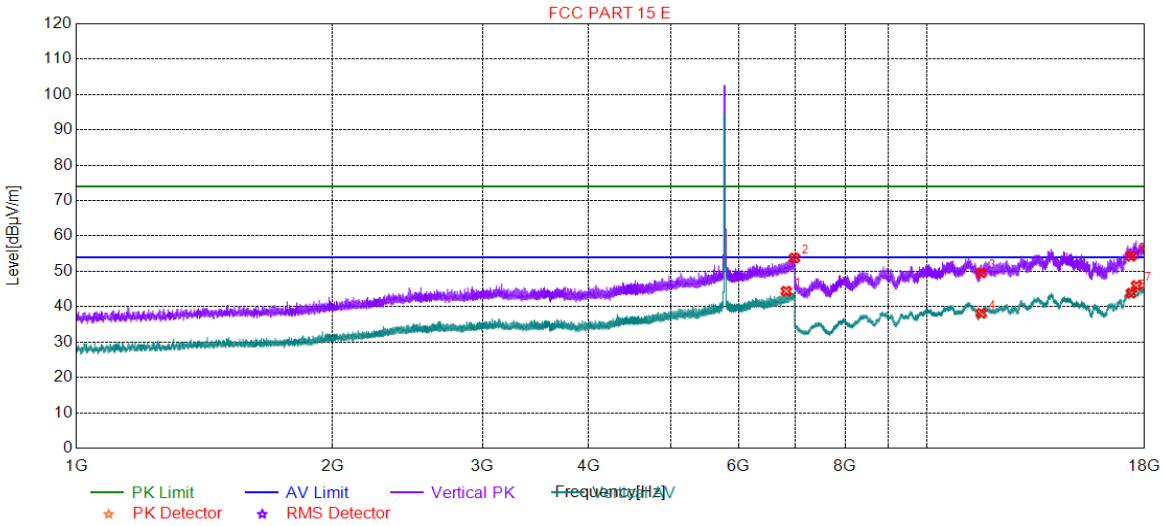
4.3.2.11 11A20_157 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6826.8913	44.40	12.12	54.00	9.60	150	284	Vertical
2	6980.4990	53.79	12.70	74.00	20.21	150	84	Vertical
3	11570.0000	49.59	-3.87	74.00	24.41	150	133	Vertical
4	11570.0000	38.13	-3.87	54.00	15.87	150	332	Vertical
5	17355.0000	43.82	-1.07	54.00	10.18	150	358	Vertical
6	17355.0000	54.29	-1.07	74.00	19.71	150	162	Vertical
7	17606.1803	45.99	1.47	54.00	8.01	150	47	Vertical

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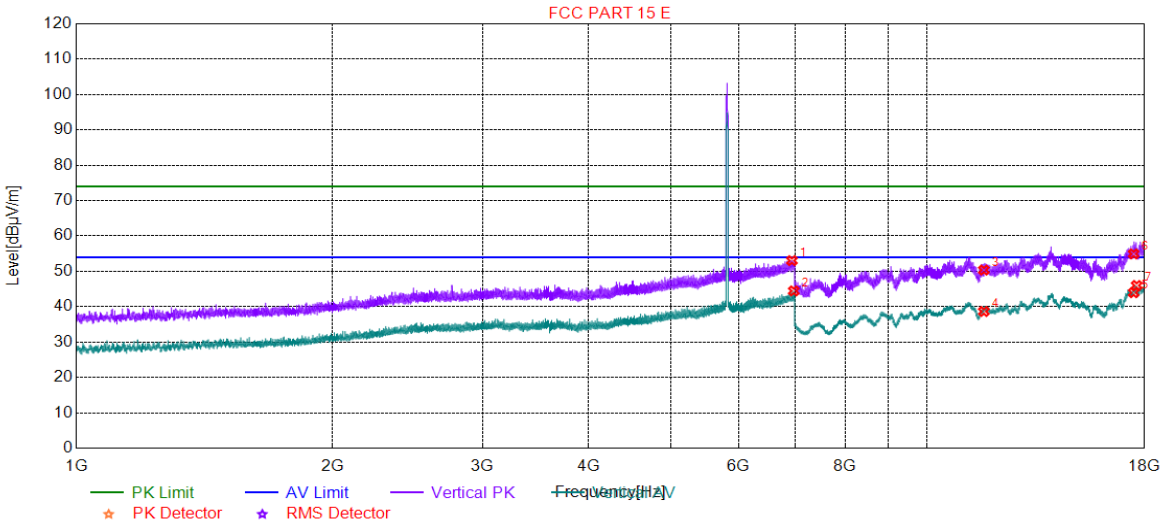
4.3.2.12 11A20_165 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6931.8966	53.04	12.52	74.00	20.96	150	228	Vertical
2	6966.0983	44.47	12.64	54.00	9.53	150	342	Vertical
3	11650.0000	50.36	-3.16	74.00	23.64	150	18	Vertical
4	11650.0000	38.65	-3.16	54.00	15.35	150	218	Vertical
5	17475.0000	43.97	0.02	54.00	10.03	150	331	Vertical
6	17475.0000	54.93	0.02	74.00	19.07	150	274	Vertical
7	17616.0808	46.01	1.21	54.00	7.99	150	189	Vertical

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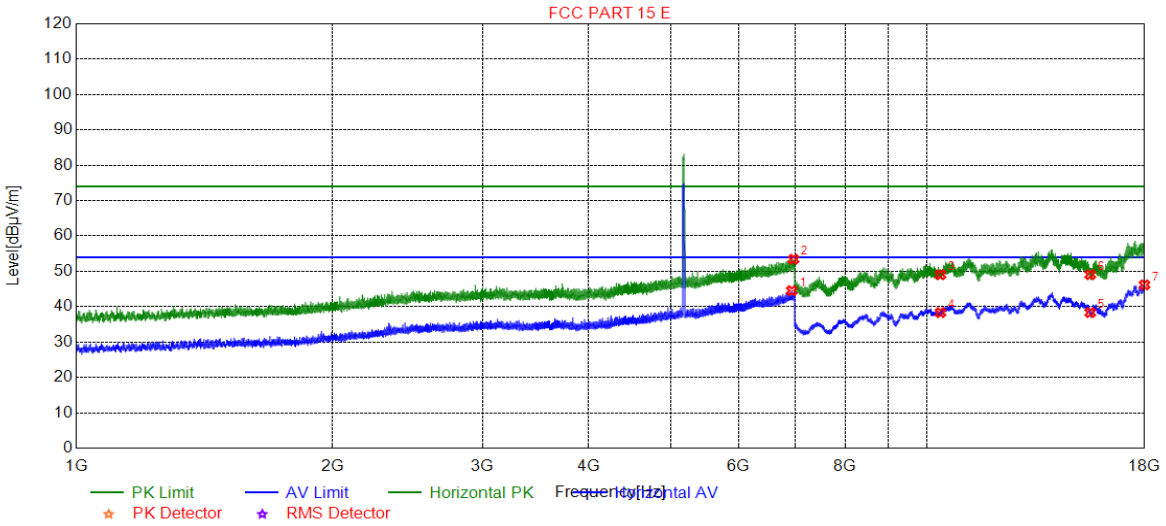
4.3.2.13 11A20_36 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6927.9964	44.55	12.50	54.00	9.45	150	18	Horizontal
2	6963.0982	53.43	12.63	74.00	20.57	150	134	Horizontal
3	10360.0000	49.06	-5.35	74.00	24.94	150	142	Horizontal
4	10360.0000	38.34	-5.35	54.00	15.66	150	170	Horizontal
5	15540.0000	38.35	-3.26	54.00	15.65	150	228	Horizontal
6	15540.0000	49.07	-3.26	74.00	24.93	150	28	Horizontal
7	17995.0498	46.18	-0.39	54.00	7.82	150	114	Horizontal

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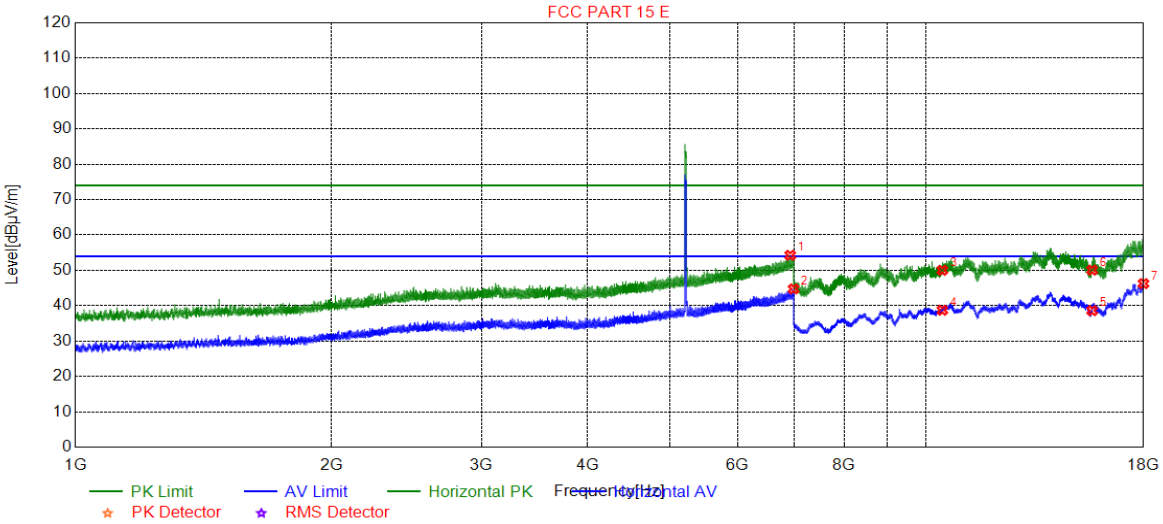
4.3.2.14 11A20_44 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6918.0959	54.26	12.47	74.00	19.74	150	133	Horizontal
2	6981.0991	44.75	12.70	54.00	9.25	150	248	Horizontal
3	10440.0000	50.03	-4.92	74.00	23.97	150	86	Horizontal
4	10440.0000	38.73	-4.92	54.00	15.27	150	285	Horizontal
5	15660.0000	38.60	-3.54	54.00	15.40	150	114	Horizontal
6	15660.0000	50.08	-3.54	74.00	23.92	150	285	Horizontal
7	17992.8496	46.25	-0.40	54.00	7.75	150	342	Horizontal

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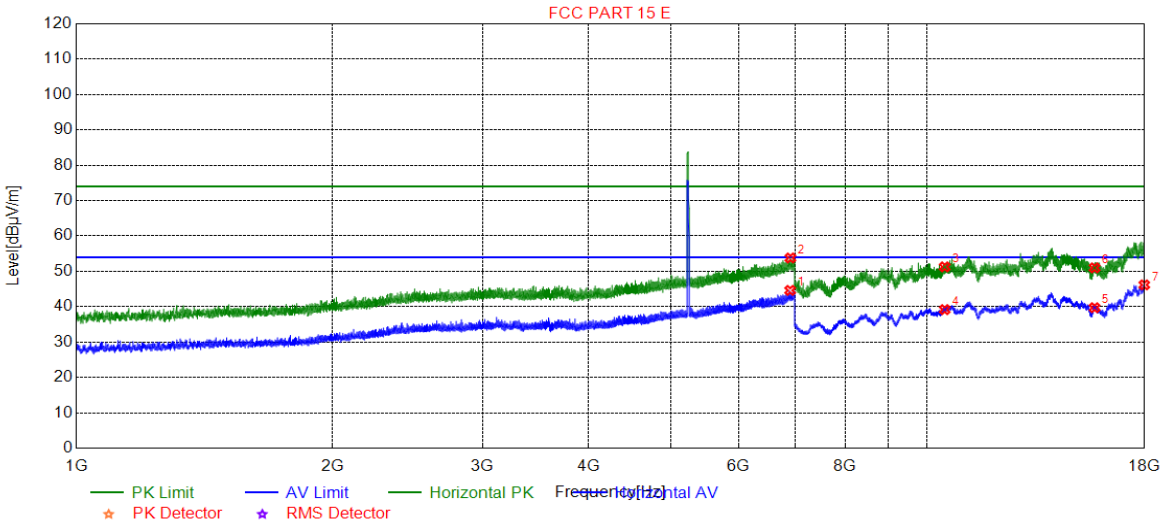
4.3.2.15 11A20_48 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.9949	44.62	12.39	54.00	9.38	150	133	Horizontal
2	6903.0952	53.79	12.41	74.00	20.21	150	191	Horizontal
3	10480.0000	51.27	-4.49	74.00	22.73	150	171	Horizontal
4	10480.0000	39.18	-4.49	54.00	14.82	150	285	Horizontal
5	15720.0000	39.72	-2.65	54.00	14.28	150	285	Horizontal
6	15720.0000	50.99	-2.65	74.00	23.01	150	200	Horizontal
7	17984.0492	46.18	-0.47	54.00	7.82	150	200	Horizontal

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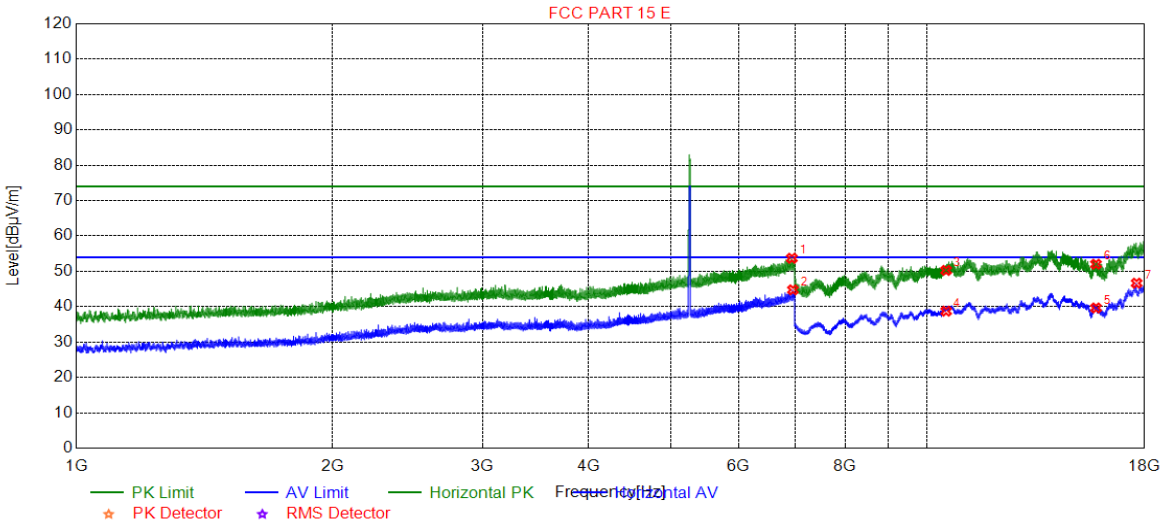
4.3.2.16 11A20_52 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6930.3965	53.70	12.51	74.00	20.30	150	343	Horizontal
2	6950.1975	44.77	12.59	54.00	9.23	150	314	Horizontal
3	10520.0000	50.27	-4.37	74.00	23.73	150	279	Horizontal
4	10520.0000	38.75	-4.37	54.00	15.25	150	222	Horizontal
5	15780.0000	39.65	-2.36	54.00	14.35	150	193	Horizontal
6	15780.0000	52.03	-2.36	74.00	21.97	150	137	Horizontal
7	17614.4307	46.66	1.25	54.00	7.34	150	80	Horizontal

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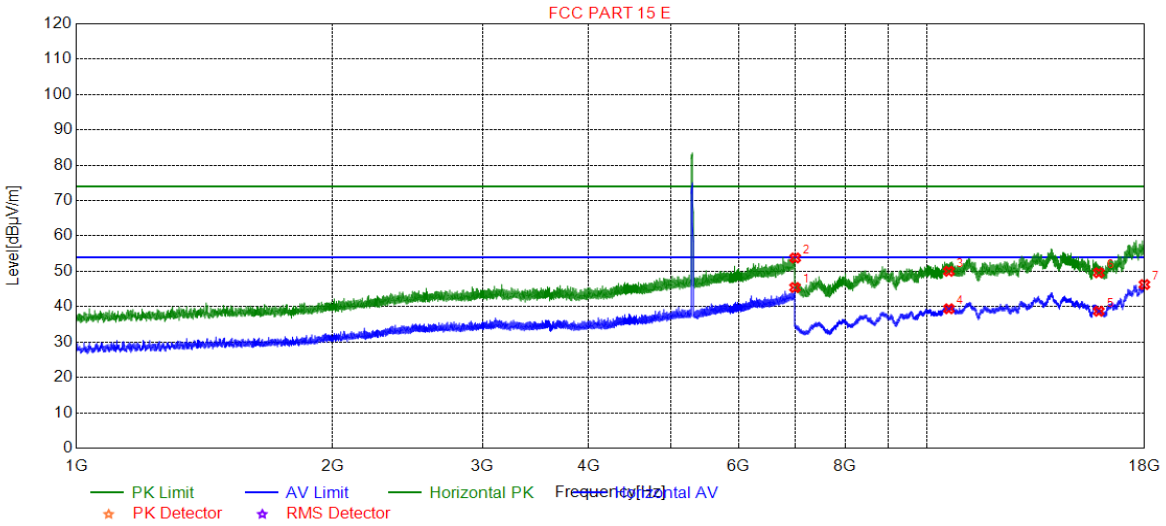
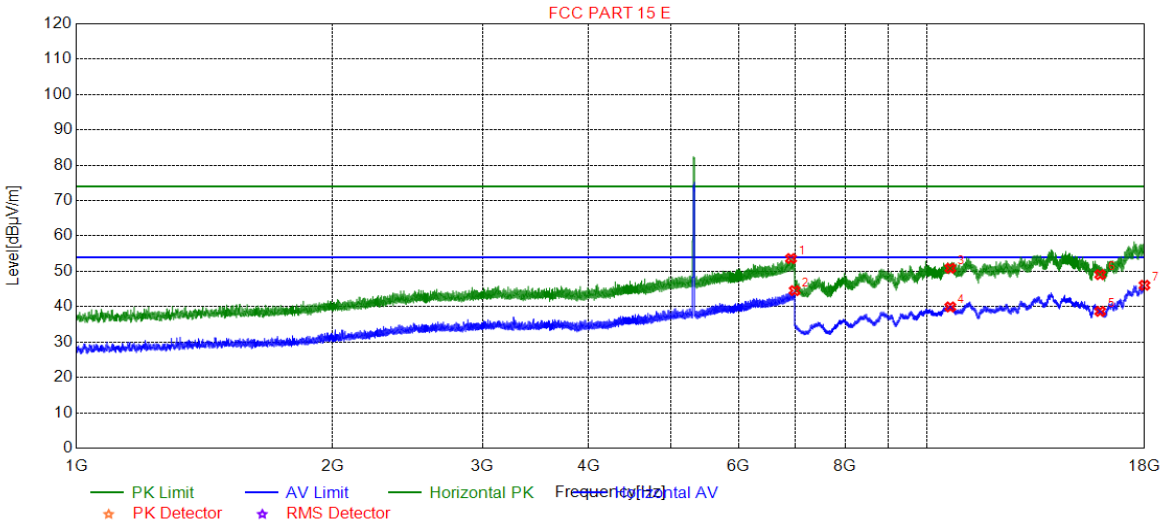
4.3.2.17 11A20_60 _Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.3995	45.44	12.73	54.00	8.56	150	135	Horizontal
2	6993.6997	53.78	12.75	74.00	20.22	150	18	Horizontal
3	10600.0000	50.01	-4.75	74.00	23.99	150	279	Horizontal
4	10600.0000	39.42	-4.75	54.00	14.58	150	104	Horizontal
5	15900.0000	38.72	-3.75	54.00	15.28	150	48	Horizontal
6	15900.0000	49.60	-3.75	74.00	24.40	150	189	Horizontal
7	17989.5495	46.27	-0.43	54.00	7.73	150	307	Horizontal

4.3.2.18 11A20_64 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6913.8957	53.62	12.45	74.00	20.38	150	105	Horizontal
2	6982.2991	44.55	12.70	54.00	9.45	150	251	Horizontal
3	10640.0000	50.88	-4.69	74.00	23.12	150	342	Horizontal
4	10640.0000	39.94	-4.69	54.00	14.06	150	257	Horizontal
5	15960.0000	38.68	-3.70	54.00	15.32	150	342	Horizontal
6	15960.0000	49.07	-3.70	74.00	24.93	150	257	Horizontal
7	17994.4997	46.07	-0.39	54.00	7.93	150	257	Horizontal

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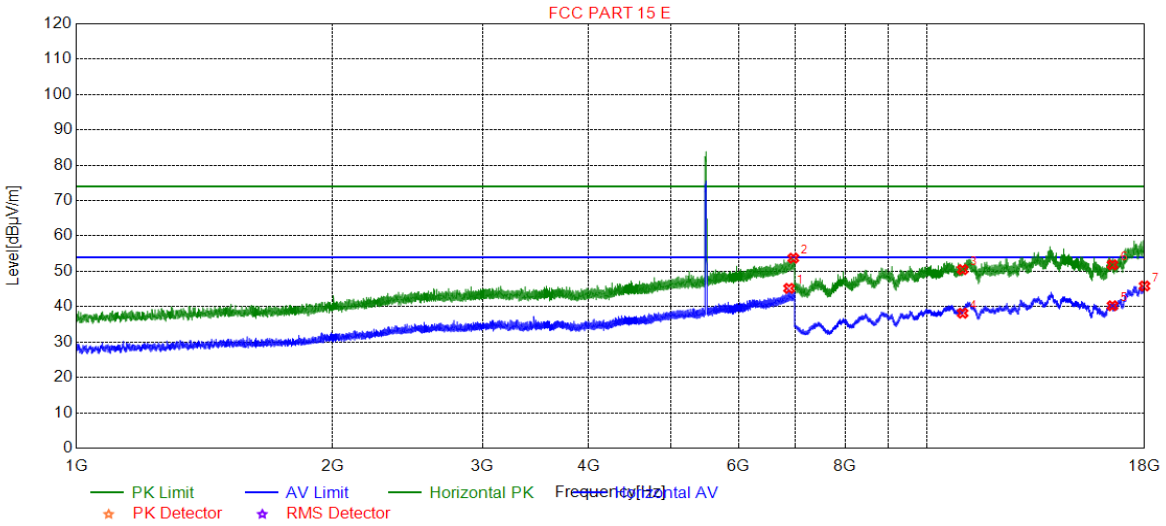
4.3.2.19 11A20_100 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6878.4939	45.19	12.32	54.00	8.81	150	106	Horizontal
2	6957.6979	53.73	12.61	74.00	20.27	150	252	Horizontal
3	11000.0000	50.51	-4.28	74.00	23.49	150	85	Horizontal
4	11000.0000	38.18	-4.28	54.00	15.82	150	171	Horizontal
5	16500.0000	40.28	-3.62	54.00	13.72	150	171	Horizontal
6	16500.0000	51.86	-3.62	74.00	22.14	150	28	Horizontal
7	17995.5998	45.86	-0.38	54.00	8.14	150	56	Horizontal

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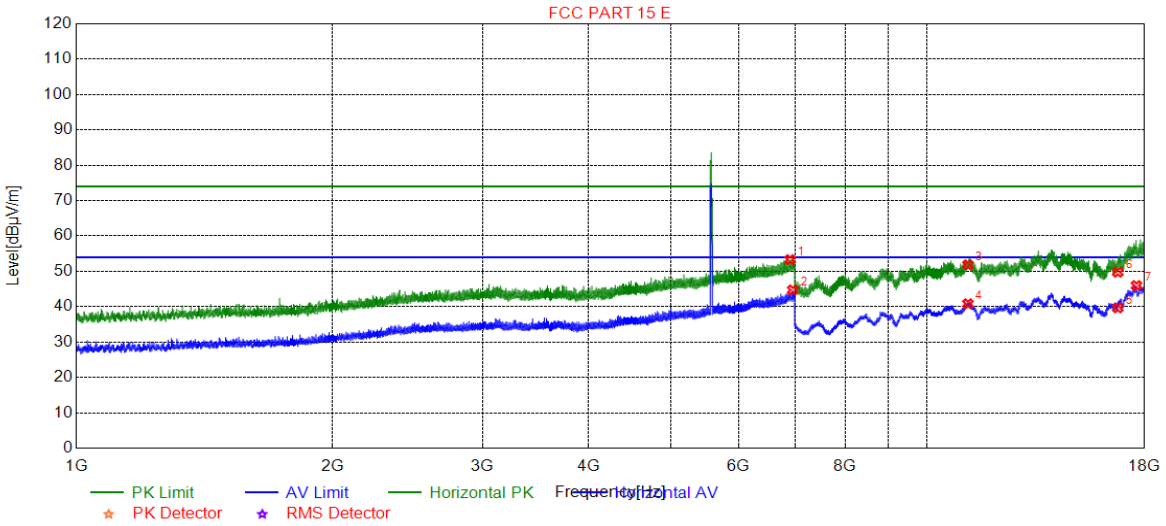
4.3.2.20 11A20_116 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.7948	53.31	12.39	74.00	20.69	150	360	Horizontal
2	6946.5973	44.74	12.57	54.00	9.26	150	47	Horizontal
3	11160.0000	51.85	-3.43	74.00	22.15	150	54	Horizontal
4	11160.0000	40.83	-3.43	54.00	13.17	150	196	Horizontal
5	16740.0000	39.67	-3.33	54.00	14.33	150	196	Horizontal
6	16740.0000	49.76	-3.33	74.00	24.24	150	285	Horizontal
7	17607.8304	45.99	1.43	54.00	8.01	150	285	Horizontal

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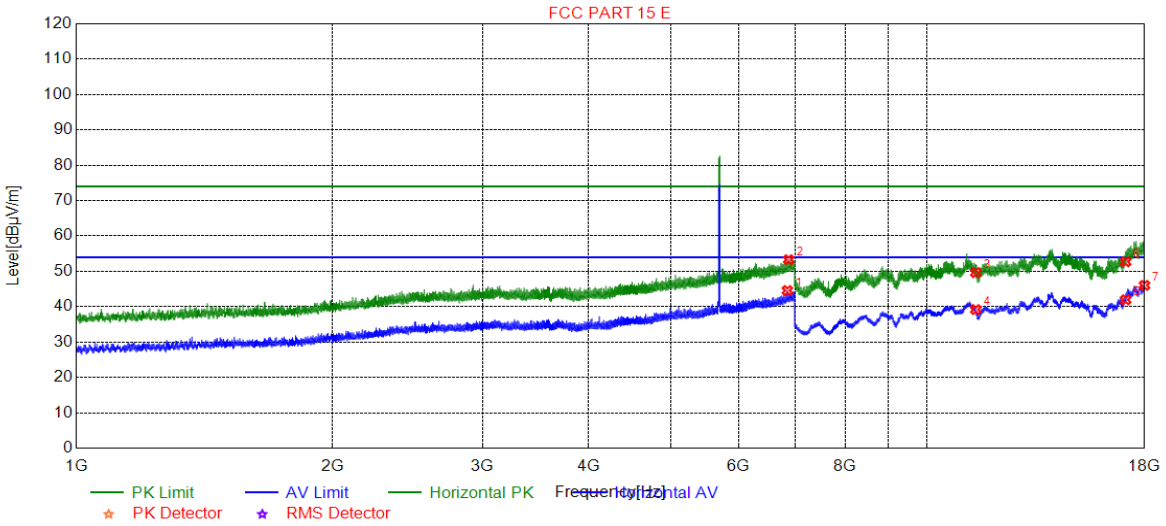
4.3.2.21 11A20_140 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6847.2924	44.57	12.20	54.00	9.43	150	360	Horizontal
2	6870.3935	53.30	12.29	74.00	20.70	150	360	Horizontal
3	11400.0000	49.65	-4.42	74.00	24.35	150	310	Horizontal
4	11400.0000	39.19	-4.42	54.00	14.81	150	1	Horizontal
5	17100.0000	41.96	-3.09	54.00	12.04	150	1	Horizontal
6	17100.0000	52.71	-3.09	74.00	21.29	150	53	Horizontal
7	17993.9497	46.03	-0.40	54.00	7.97	150	282	Horizontal

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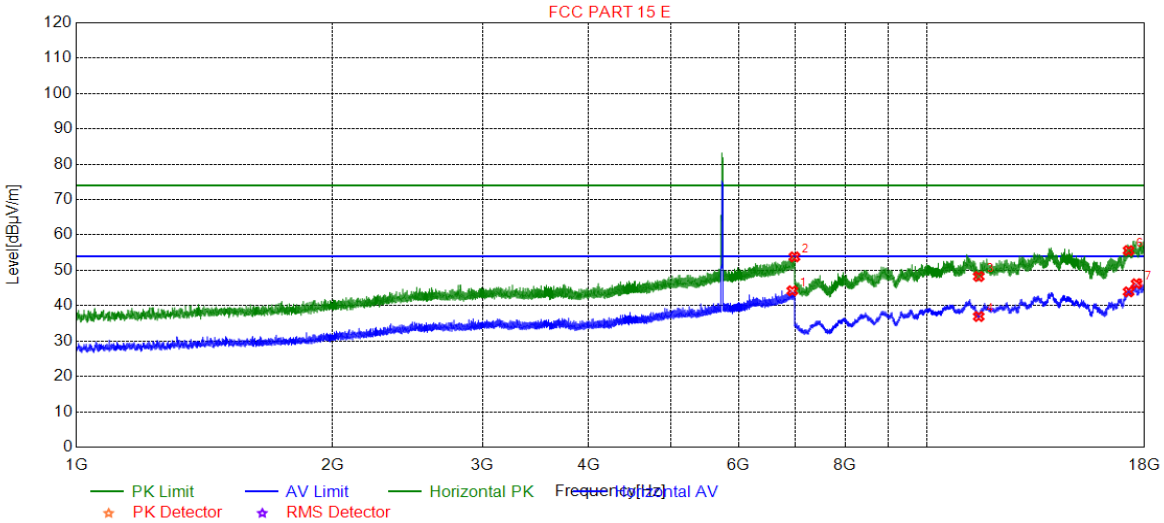
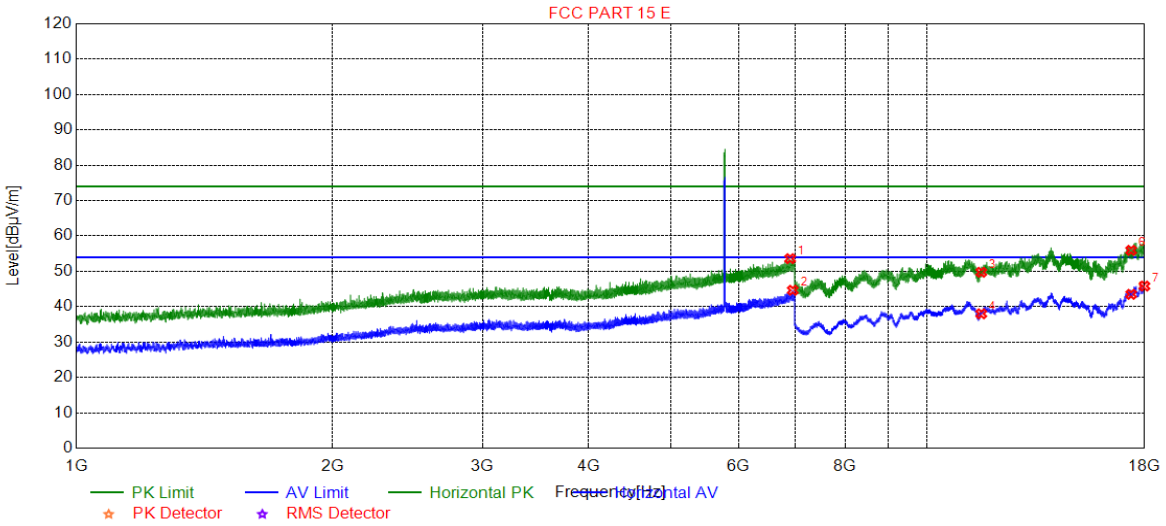
4.3.2.22 11A20_149 _ Horizontal



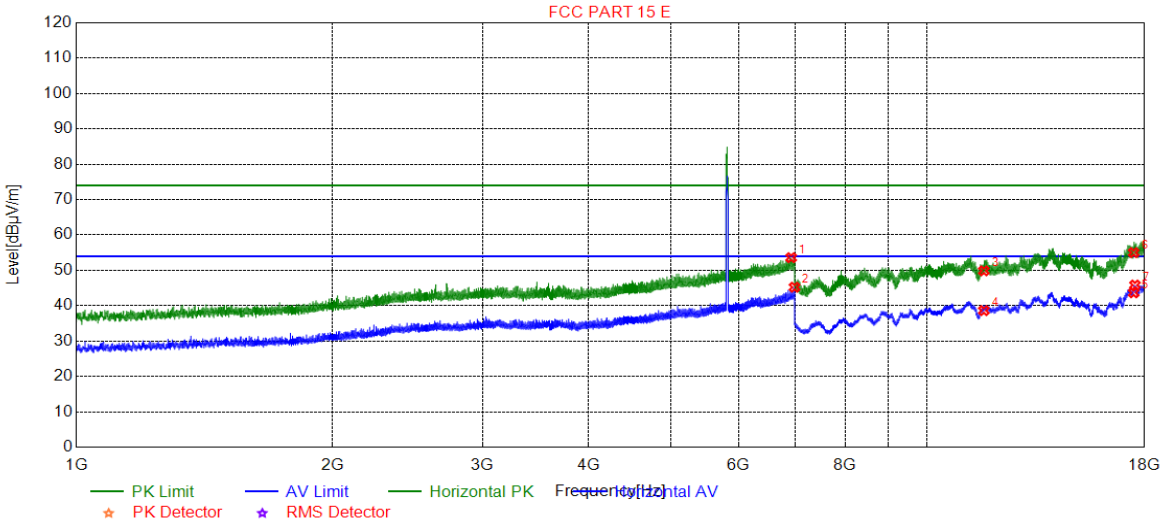
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.3970	44.21	12.55	54.00	9.79	150	78	Horizontal
2	6980.1990	53.81	12.70	74.00	20.19	150	193	Horizontal
3	11490.0000	48.26	-5.65	74.00	25.74	150	24	Horizontal
4	11490.0000	36.94	-5.65	54.00	17.06	150	284	Horizontal
5	17235.0000	43.93	-1.47	54.00	10.07	150	195	Horizontal
6	17235.0000	55.59	-1.47	74.00	18.41	150	224	Horizontal
7	17610.5805	46.23	1.35	54.00	7.77	150	109	Horizontal

4.3.2.23 11A20_157 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.3949	53.59	12.39	74.00	20.41	150	18	Horizontal
2	6946.5973	44.65	12.57	54.00	9.35	150	18	Horizontal
3	11570.0000	49.75	-3.87	74.00	24.25	150	342	Horizontal
4	11570.0000	38.00	-3.87	54.00	16.00	150	114	Horizontal
5	17355.0000	43.51	-1.07	54.00	10.49	150	114	Horizontal
6	17355.0000	55.94	-1.07	74.00	18.06	150	171	Horizontal
7	17993.3997	45.84	-0.40	54.00	8.16	150	313	Horizontal

4.3.2.24 11A20_165 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6916.8958	53.59	12.46	74.00	20.41	150	104	Horizontal
2	6979.8990	45.23	12.70	54.00	8.77	150	18	Horizontal
3	11650.0000	49.86	-3.16	74.00	24.14	150	342	Horizontal
4	11650.0000	38.62	-3.16	54.00	15.38	150	168	Horizontal
5	17475.0000	43.65	0.02	54.00	10.35	150	54	Horizontal
6	17475.0000	55.01	0.02	74.00	18.99	150	1	Horizontal
7	17536.3268	45.84	0.81	54.00	8.16	150	140	Horizontal

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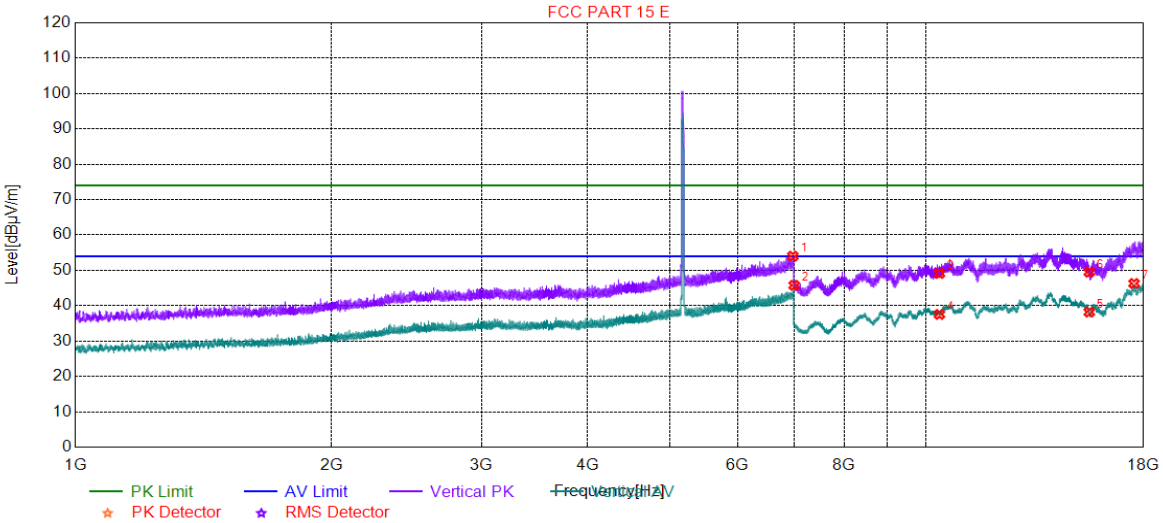
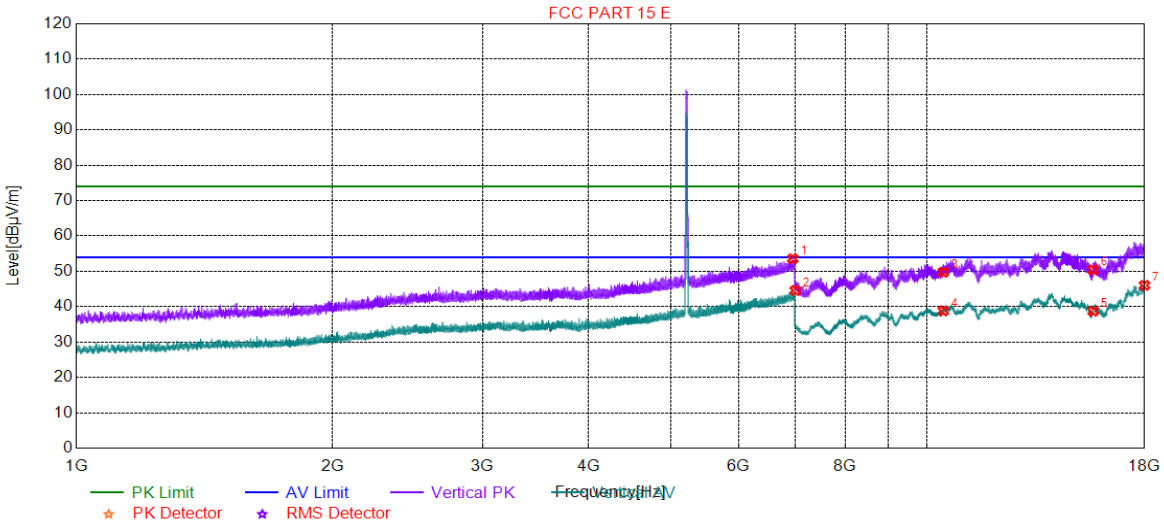
4.3.2.25 11N20_MIMO_36 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.9984	54.02	12.65	74.00	19.98	150	189	Vertical
2	6991.8996	45.77	12.74	54.00	8.23	150	246	Vertical
3	10360.0000	49.13	-5.35	74.00	24.87	150	104	Vertical
4	10360.0000	37.55	-5.35	54.00	16.45	150	160	Vertical
5	15540.0000	38.20	-3.26	54.00	15.80	150	332	Vertical
6	15540.0000	49.49	-3.26	74.00	24.51	150	358	Vertical
7	17541.2771	46.29	0.88	54.00	7.71	150	303	Vertical

4.3.2.26 11N20_MIMO_44 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.4974	53.58	12.58	74.00	20.42	150	160	Vertical
2	6994.5997	44.59	12.75	54.00	9.41	150	245	Vertical
3	10440.0000	49.73	-4.92	74.00	24.27	150	46	Vertical
4	10440.0000	38.83	-4.92	54.00	15.17	150	273	Vertical
5	15660.0000	38.72	-3.54	54.00	15.28	150	244	Vertical
6	15660.0000	50.43	-3.54	74.00	23.57	150	103	Vertical
7	17994.4997	46.04	-0.39	54.00	7.96	150	75	Vertical

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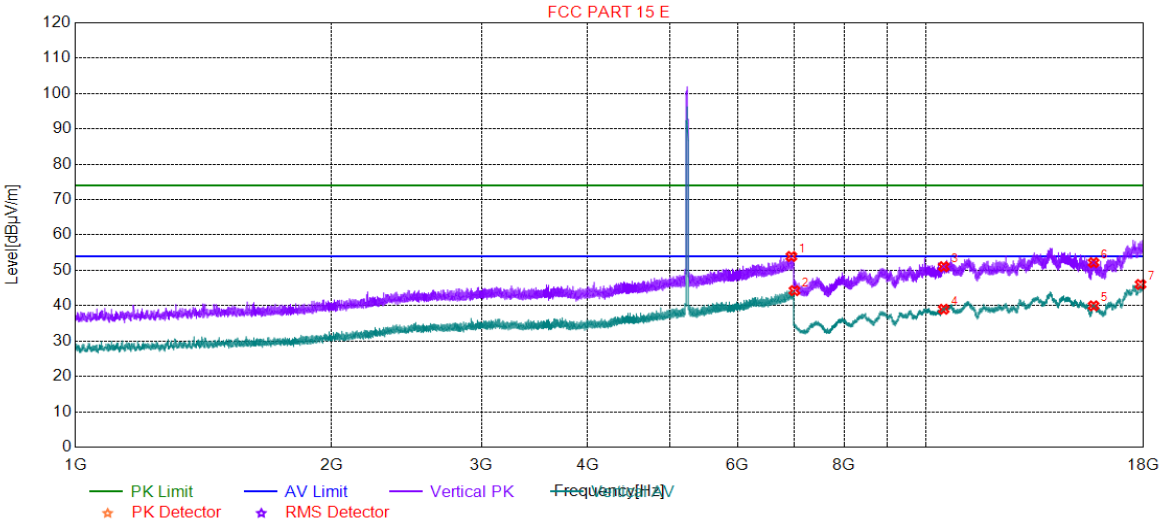
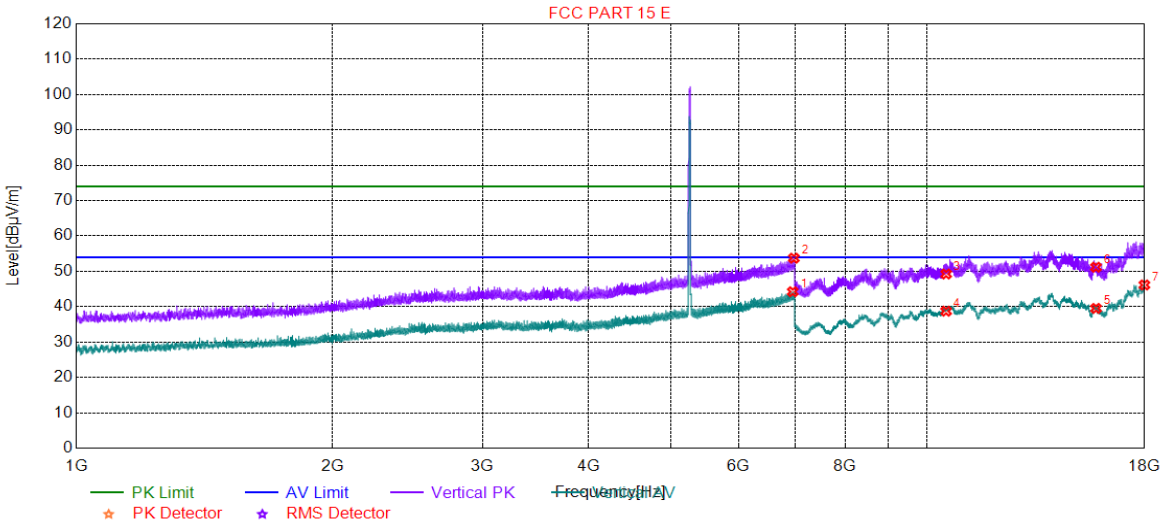
4.3.2.27 11N20_MIMO_48 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.2970	53.92	12.55	74.00	20.08	150	273	Vertical
2	6998.4999	44.26	12.76	54.00	9.74	150	131	Vertical
3	10480.0000	51.05	-4.49	74.00	22.95	150	304	Vertical
4	10480.0000	39.01	-4.49	54.00	14.99	150	76	Vertical
5	15720.0000	39.97	-2.65	54.00	14.03	150	219	Vertical
6	15720.0000	52.19	-2.65	74.00	21.81	150	76	Vertical
7	17850.3925	46.03	-0.94	54.00	7.97	150	162	Vertical

4.3.2.28 11N20_MIMO_52 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.2973	44.24	12.57	54.00	9.76	150	47	Vertical
2	6968.1984	53.73	12.65	74.00	20.27	150	273	Vertical
3	10520.0000	49.25	-4.37	74.00	24.75	150	308	Vertical
4	10520.0000	38.74	-4.37	54.00	15.26	150	308	Vertical
5	15780.0000	39.52	-2.36	54.00	14.48	150	192	Vertical
6	15780.0000	51.17	-2.36	74.00	22.83	150	74	Vertical
7	17990.0995	46.15	-0.43	54.00	7.85	150	280	Vertical

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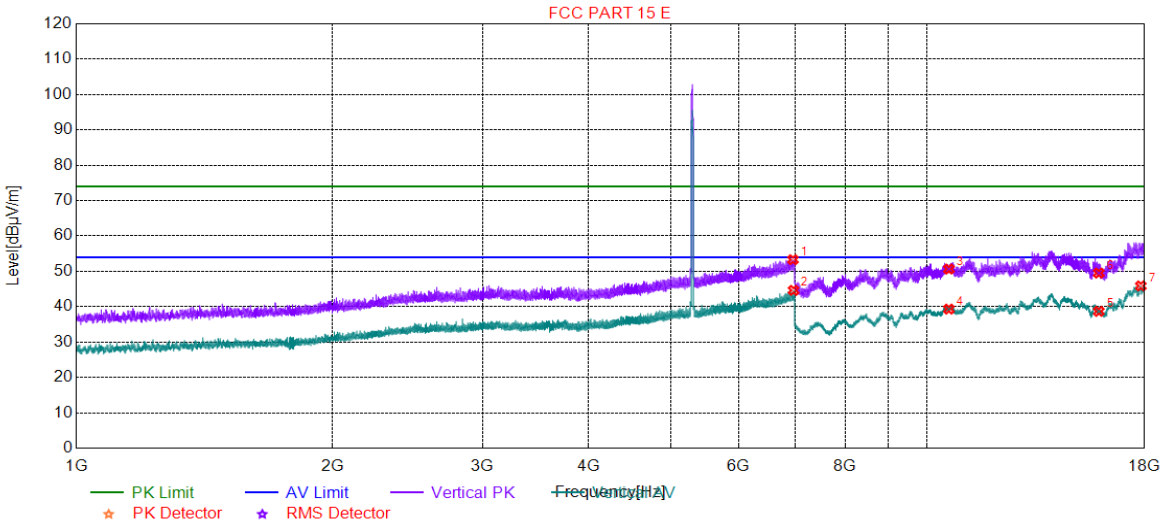
4.3.2.29 11N20_MIMO_60 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.0976	53.30	12.59	74.00	20.70	150	132	Vertical
2	6962.7981	44.63	12.63	54.00	9.37	150	217	Vertical
3	10600.0000	50.65	-4.75	74.00	23.35	150	47	Vertical
4	10600.0000	39.33	-4.75	54.00	14.67	150	47	Vertical
5	15900.0000	38.69	-3.75	54.00	15.31	150	357	Vertical
6	15900.0000	49.51	-3.75	74.00	24.49	150	75	Vertical
7	17817.9409	45.88	-0.83	54.00	8.12	150	302	Vertical

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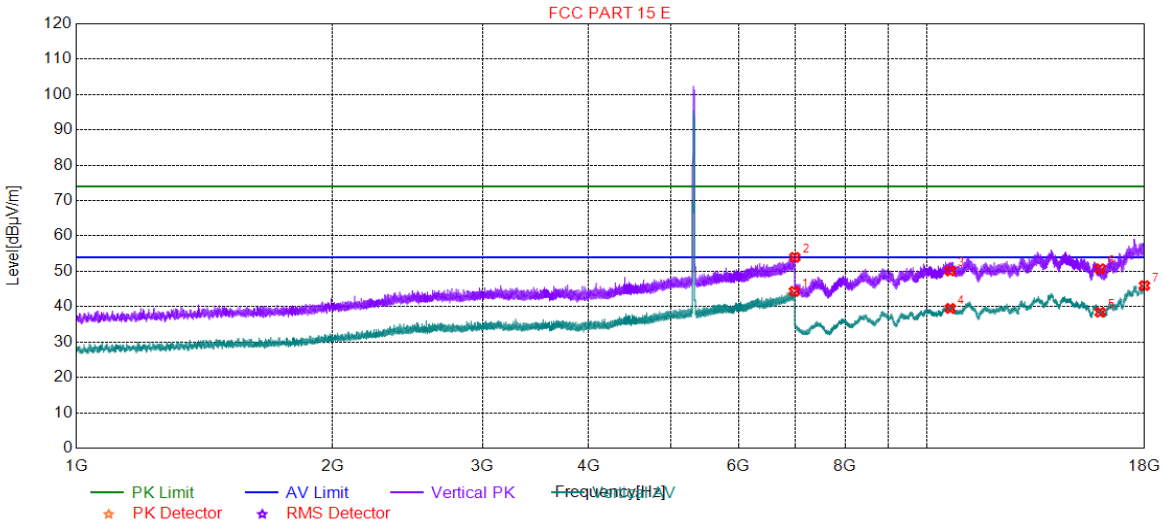
4.3.2.30 11N20_MIMO_64 _Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.8990	44.33	12.70	54.00	9.67	150	132	Vertical
2	6986.7993	53.97	12.72	74.00	20.03	150	188	Vertical
3	10640.0000	50.11	-4.69	74.00	23.89	150	160	Vertical
4	10640.0000	39.51	-4.69	54.00	14.49	150	189	Vertical
5	15960.0000	38.44	-3.70	54.00	15.56	150	302	Vertical
6	15960.0000	50.73	-3.70	74.00	23.27	150	160	Vertical
7	17992.8496	45.97	-0.40	54.00	8.03	150	47	Vertical

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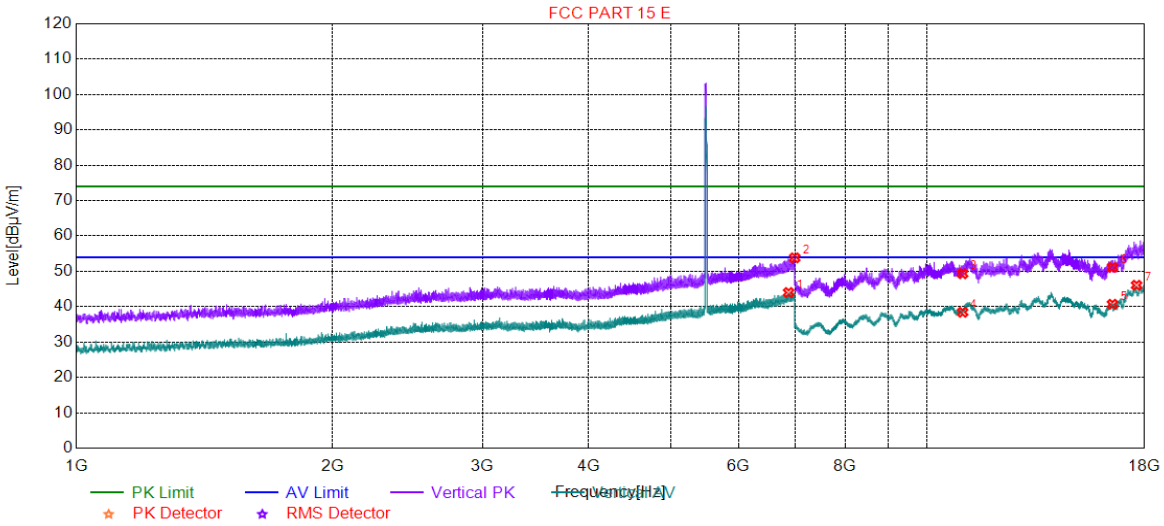
4.3.2.31 11N20_MIMO_100 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.0935	44.01	12.29	54.00	9.99	150	47	Vertical
2	6984.0992	53.82	12.71	74.00	20.18	150	107	Vertical
3	11000.0000	49.34	-4.28	74.00	24.66	150	47	Vertical
4	11000.0000	38.44	-4.28	54.00	15.56	150	247	Vertical
5	16500.0000	40.70	-3.62	54.00	13.30	150	275	Vertical
6	16500.0000	51.12	-3.62	74.00	22.88	150	189	Vertical
7	17613.8807	46.07	1.27	54.00	7.93	150	18	Vertical

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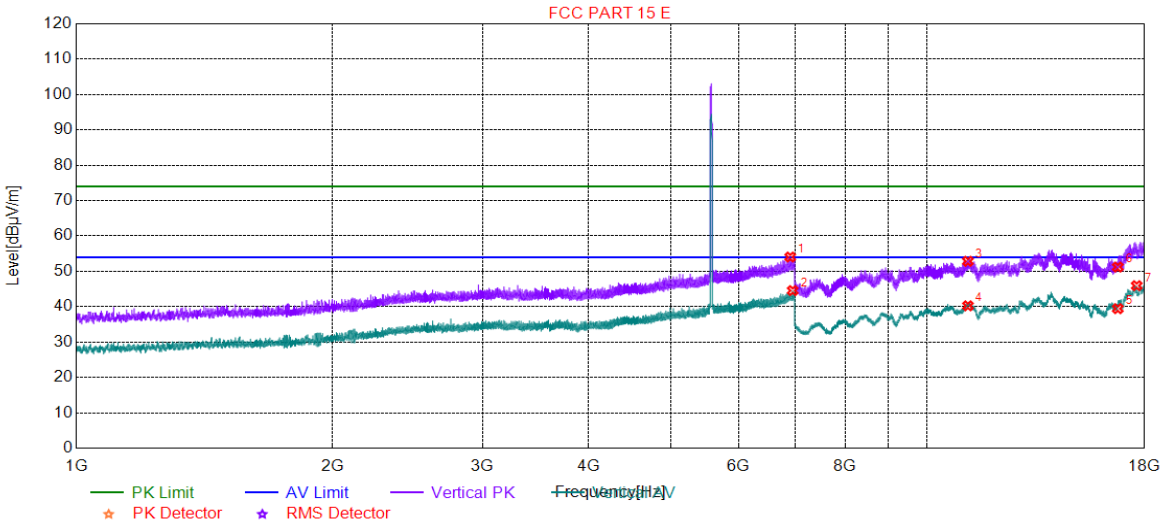
4.3.2.32 11N20_MIMO_116 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.7950	54.05	12.40	74.00	19.95	150	336	Vertical
2	6945.6973	44.56	12.57	54.00	9.44	150	18	Vertical
3	11160.0000	52.84	-3.43	74.00	21.16	150	357	Vertical
4	11160.0000	40.26	-3.43	54.00	13.74	150	189	Vertical
5	16740.0000	39.45	-3.33	54.00	14.55	150	189	Vertical
6	16740.0000	51.22	-3.33	74.00	22.78	150	47	Vertical
7	17619.9310	45.95	1.11	54.00	8.05	150	357	Vertical

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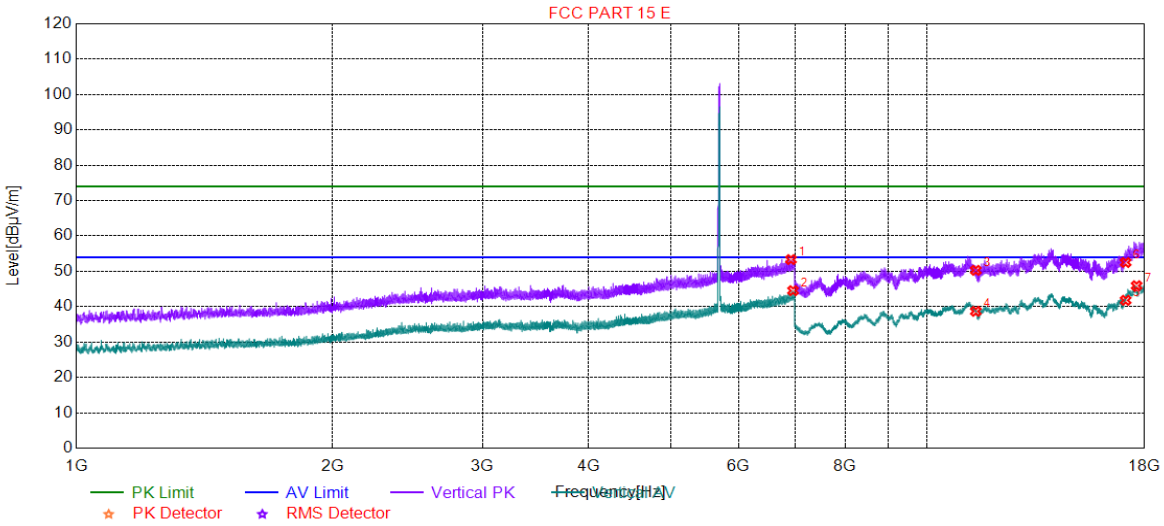
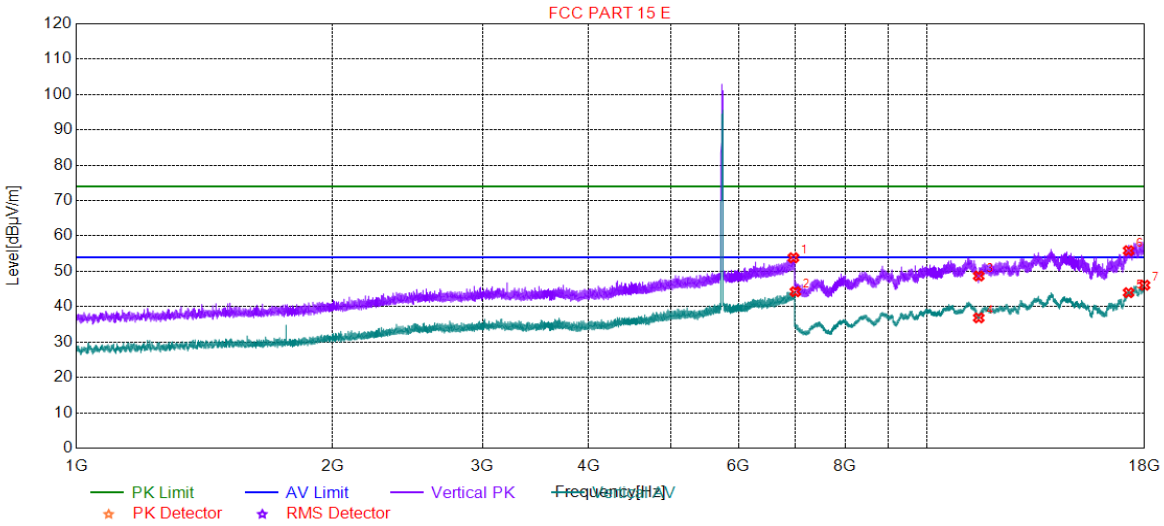
4.3.2.33 11N20_MIMO_140 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6913.2957	53.33	12.45	74.00	20.67	150	104	Vertical
2	6952.8976	44.55	12.60	54.00	9.45	150	47	Vertical
3	11400.0000	50.29	-4.42	74.00	23.71	150	76	Vertical
4	11400.0000	38.70	-4.42	54.00	15.30	150	132	Vertical
5	17100.0000	41.81	-3.09	54.00	12.19	150	302	Vertical
6	17100.0000	52.51	-3.09	74.00	21.49	150	161	Vertical
7	17613.3307	45.94	1.28	54.00	8.06	150	132	Vertical

4.3.2.34 11N20_MIMO_149 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.3980	53.84	12.62	74.00	20.16	150	160	Vertical
2	6996.3998	44.24	12.76	54.00	9.76	150	18	Vertical
3	11490.0000	48.69	-5.65	74.00	25.31	150	190	Vertical
4	11490.0000	36.85	-5.65	54.00	17.15	150	18	Vertical
5	17235.0000	43.97	-1.47	54.00	10.03	150	104	Vertical
6	17235.0000	55.85	-1.47	74.00	18.15	150	161	Vertical
7	17996.6998	46.08	-0.38	54.00	7.92	150	303	Vertical

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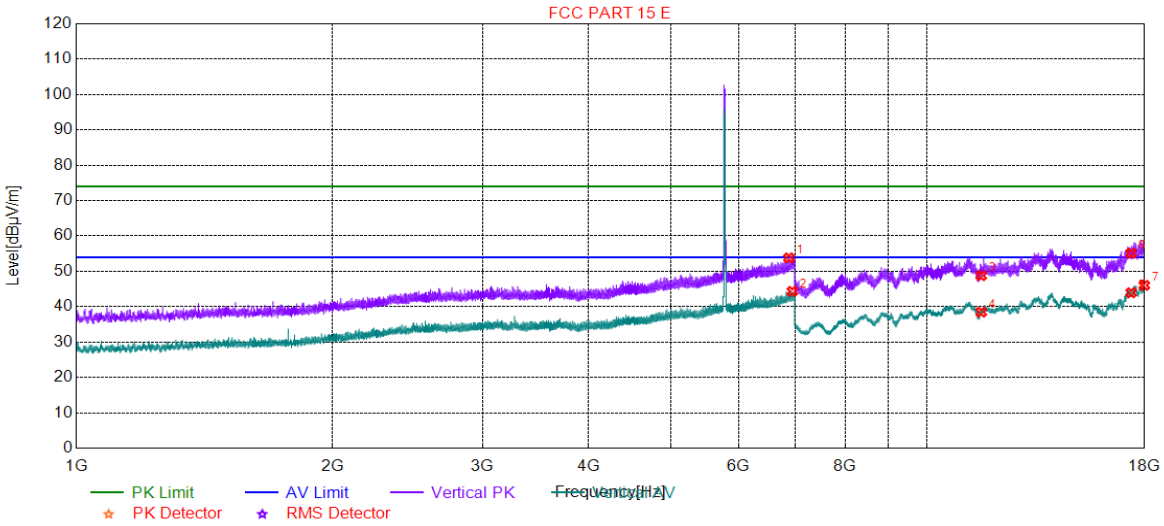
4.3.2.35 11N20_MIMO_157 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6875.7938	53.81	12.31	74.00	20.19	150	122	Vertical
2	6939.3970	44.34	12.55	54.00	9.66	150	188	Vertical
3	11570.0000	48.79	-3.87	74.00	25.21	150	189	Vertical
4	11570.0000	38.47	-3.87	54.00	15.53	150	132	Vertical
5	17355.0000	43.95	-1.07	54.00	10.05	150	331	Vertical
6	17355.0000	55.12	-1.07	74.00	18.88	150	274	Vertical
7	17989.5495	46.04	-0.43	54.00	7.96	150	189	Vertical

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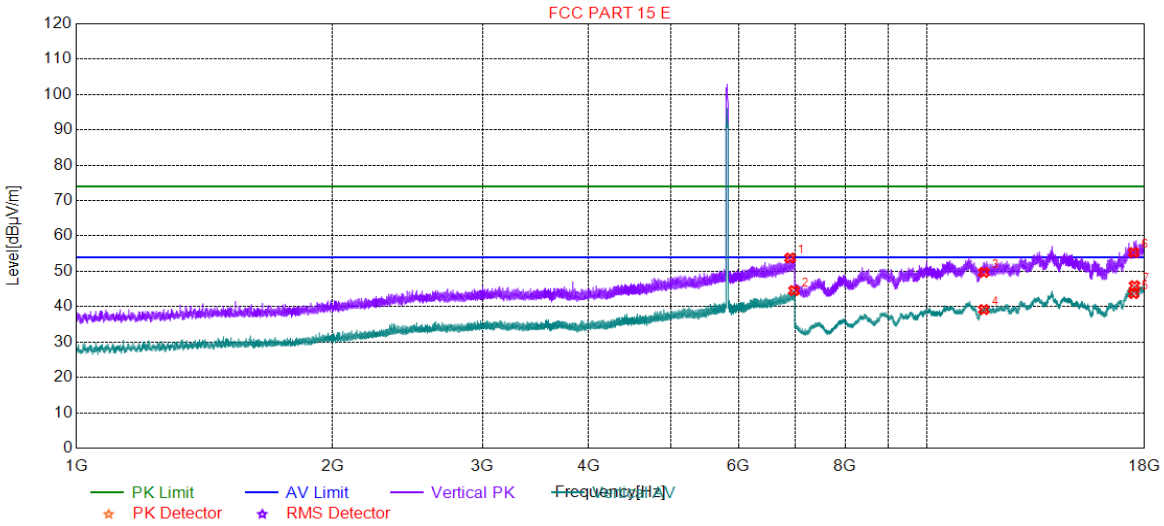
4.3.2.36 11N20_MIMO_165 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.9949	53.77	12.39	74.00	20.23	150	46	Vertical
2	6971.4986	44.57	12.66	54.00	9.43	150	273	Vertical
3	11650.0000	49.71	-3.16	74.00	24.29	150	18	Vertical
4	11650.0000	39.20	-3.16	54.00	14.80	150	47	Vertical
5	17475.0000	43.71	0.02	54.00	10.29	150	218	Vertical
6	17475.0000	55.33	0.02	74.00	18.67	150	190	Vertical
7	17512.6756	45.95	0.51	54.00	8.05	150	218	Vertical

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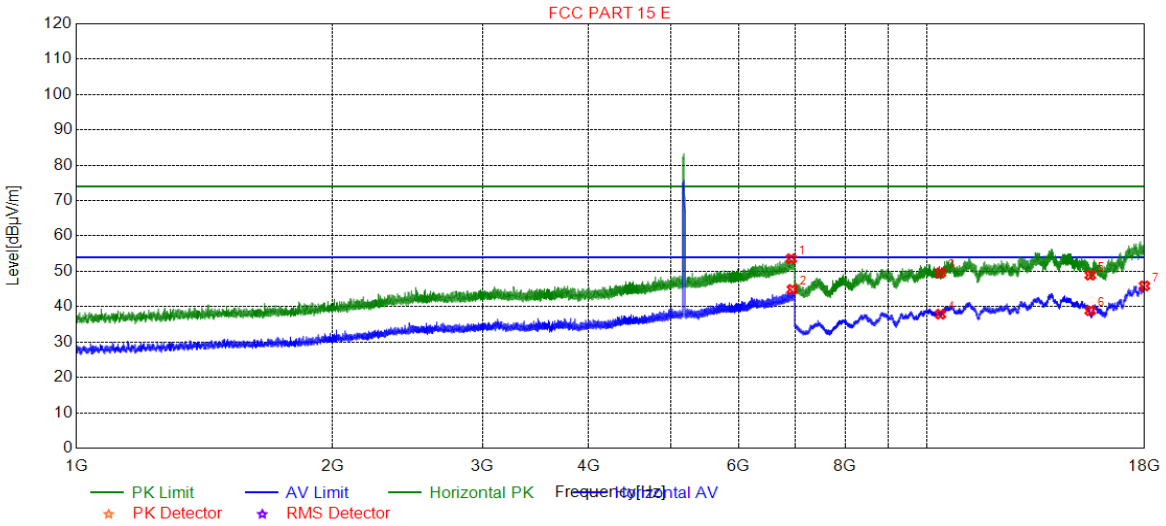
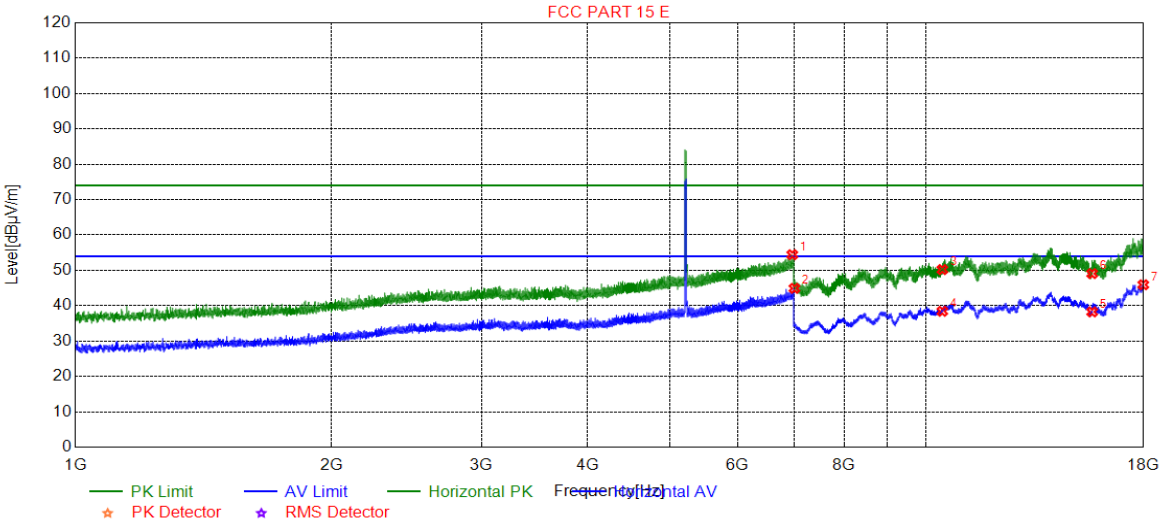
4.3.2.37 11N20_MIMO_36 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6917.1959	53.56	12.46	74.00	20.44	150	285	Horizontal
2	6939.6970	44.89	12.55	54.00	9.11	150	314	Horizontal
3	10360.0000	49.58	-5.35	74.00	24.42	150	170	Horizontal
4	10360.0000	37.89	-5.35	54.00	16.11	150	198	Horizontal
5	15540.0000	48.93	-3.26	74.00	25.07	150	198	Horizontal
6	15540.0000	38.89	-3.26	54.00	15.11	150	0	Horizontal
7	17988.9995	45.89	-0.43	54.00	8.11	150	49	Horizontal

4.3.2.38 11N20_MIMO_44 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6956.4978	54.43	12.61	74.00	19.57	150	168	Horizontal
2	6997.2999	44.91	12.76	54.00	9.09	150	197	Horizontal
3	10440.0000	50.22	-4.92	74.00	23.78	150	314	Horizontal
4	10440.0000	38.43	-4.92	54.00	15.57	150	169	Horizontal
5	15660.0000	38.26	-3.54	54.00	15.74	150	342	Horizontal
6	15660.0000	49.08	-3.54	74.00	24.92	150	55	Horizontal
7	17983.4992	45.93	-0.48	54.00	8.07	150	26	Horizontal

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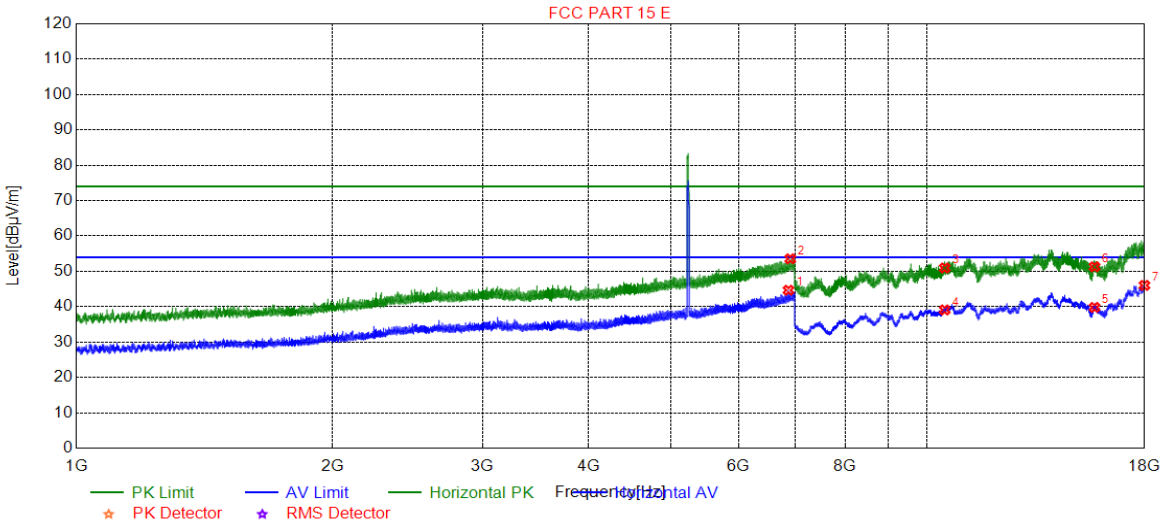
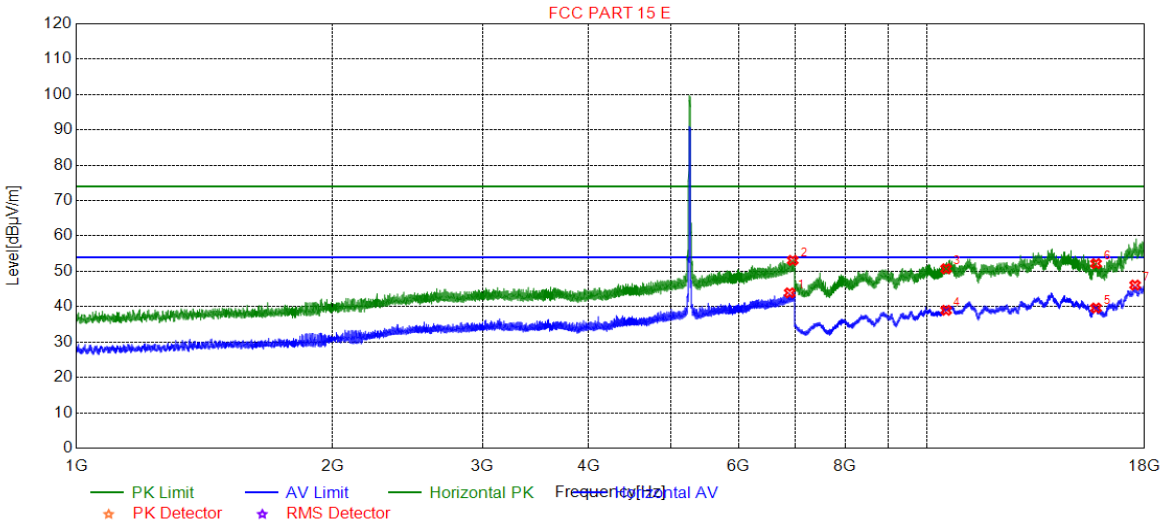
4.3.2.39 11N20_MIMO_48 _ Horizontal



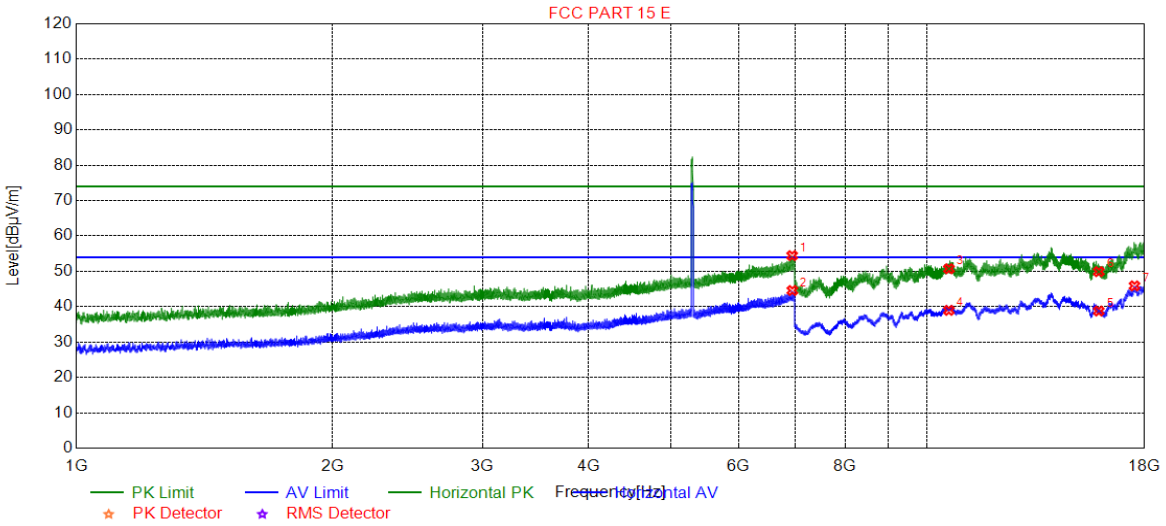
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6867.0934	44.67	12.27	54.00	9.33	150	27	Horizontal
2	6900.3950	53.55	12.40	74.00	20.45	150	282	Horizontal
3	10480.0000	50.95	-4.49	74.00	23.05	150	132	Horizontal
4	10480.0000	39.10	-4.49	54.00	14.90	150	102	Horizontal
5	15720.0000	39.80	-2.65	54.00	14.20	150	35	Horizontal
6	15720.0000	51.30	-2.65	74.00	22.70	150	162	Horizontal
7	17991.1996	46.04	-0.42	54.00	7.96	150	162	Horizontal

4.3.2.40 11N20_MIMO_52 _ Horizontal



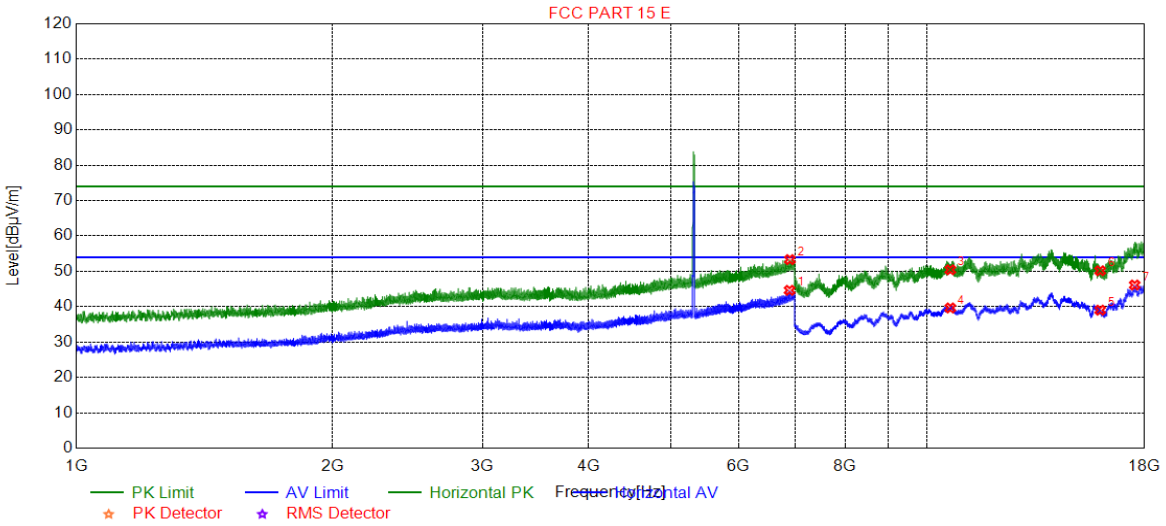
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6890.7945	43.91	12.37	54.00	10.09	150	342	Horizontal
2	6946.8973	53.10	12.57	74.00	20.90	150	108	Horizontal
3	10520.0000	50.74	-4.37	74.00	23.26	150	166	Horizontal
4	10520.0000	38.99	-4.37	54.00	15.01	150	137	Horizontal
5	15780.0000	39.63	-2.36	54.00	14.37	150	80	Horizontal
6	15780.0000	52.18	-2.36	74.00	21.82	150	342	Horizontal
7	17541.8271	46.12	0.89	54.00	7.88	150	225	Horizontal

4.3.2.41 11N20_MIMO_60 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6935.4968	54.45	12.53	74.00	19.55	150	166	Horizontal
2	6939.3970	44.58	12.55	54.00	9.42	150	1	Horizontal
3	10600.0000	50.73	-4.75	74.00	23.27	150	313	Horizontal
4	10600.0000	38.98	-4.75	54.00	15.02	150	255	Horizontal
5	15900.0000	38.78	-3.75	54.00	15.22	150	114	Horizontal
6	15900.0000	49.92	-3.75	74.00	24.08	150	3	Horizontal
7	17514.8757	45.89	0.54	54.00	8.11	150	85	Horizontal

4.3.2.42 11N20_MIMO_64 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6887.4944	44.64	12.35	54.00	9.36	150	278	Horizontal
2	6893.1947	53.32	12.37	74.00	20.68	150	74	Horizontal
3	10640.0000	50.45	-4.69	74.00	23.55	150	1	Horizontal
4	10640.0000	39.65	-4.69	54.00	14.35	150	137	Horizontal
5	15960.0000	39.03	-3.70	54.00	14.97	150	1	Horizontal
6	15960.0000	50.17	-3.70	74.00	23.83	150	168	Horizontal
7	17522.0261	46.14	0.63	54.00	7.86	150	314	Horizontal

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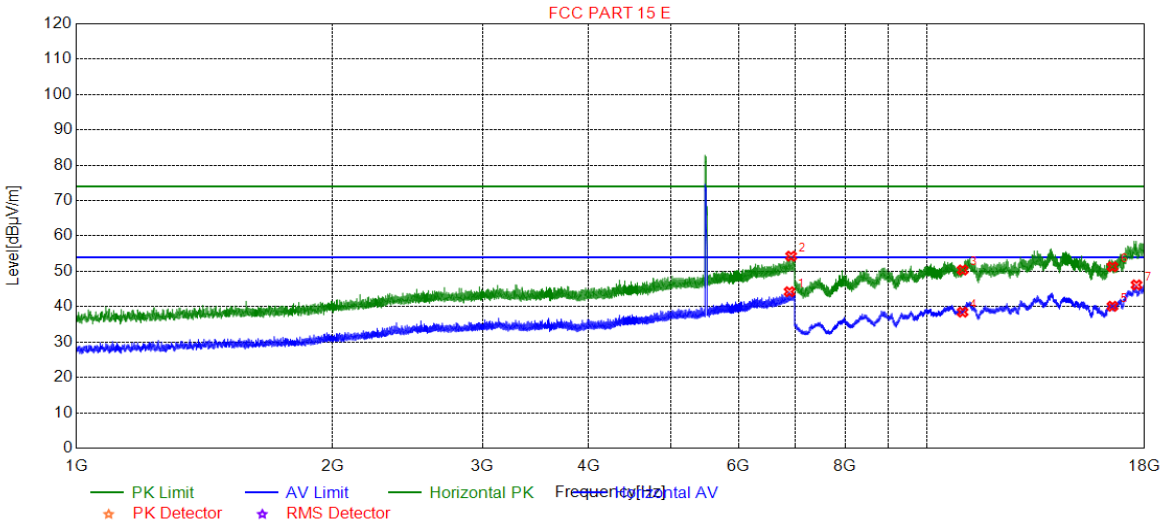
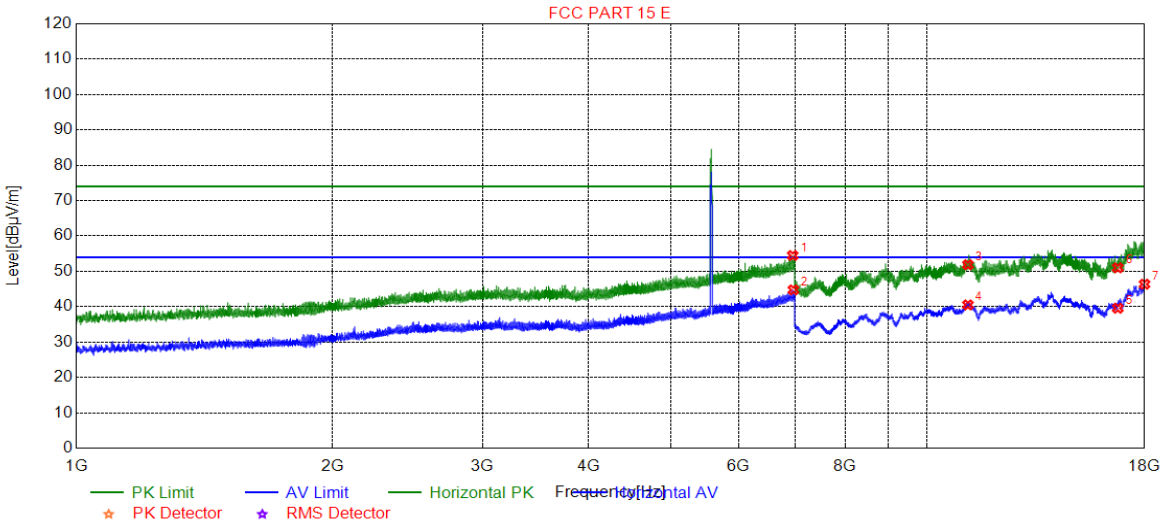
4.3.2.43 11N20_MIMO_100 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.2943	44.24	12.35	54.00	9.76	150	229	Horizontal
2	6915.9958	54.29	12.46	74.00	19.71	150	59	Horizontal
3	11000.0000	50.39	-4.28	74.00	23.61	150	171	Horizontal
4	11000.0000	38.48	-4.28	54.00	15.52	150	199	Horizontal
5	16500.0000	40.13	-3.62	54.00	13.87	150	228	Horizontal
6	16500.0000	51.31	-3.62	74.00	22.69	150	228	Horizontal
7	17611.1306	46.17	1.34	54.00	7.83	150	142	Horizontal

4.3.2.44 11N20_MIMO_116 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.1974	54.48	12.57	74.00	19.52	150	58	Horizontal
2	6959.4980	44.76	12.62	54.00	9.24	150	30	Horizontal
3	11160.0000	51.87	-3.43	74.00	22.13	150	284	Horizontal
4	11160.0000	40.51	-3.43	54.00	13.49	150	170	Horizontal
5	16740.0000	39.58	-3.33	54.00	14.42	150	56	Horizontal
6	16740.0000	51.00	-3.33	74.00	23.00	150	256	Horizontal
7	17994.4997	46.37	-0.39	54.00	7.63	150	56	Horizontal

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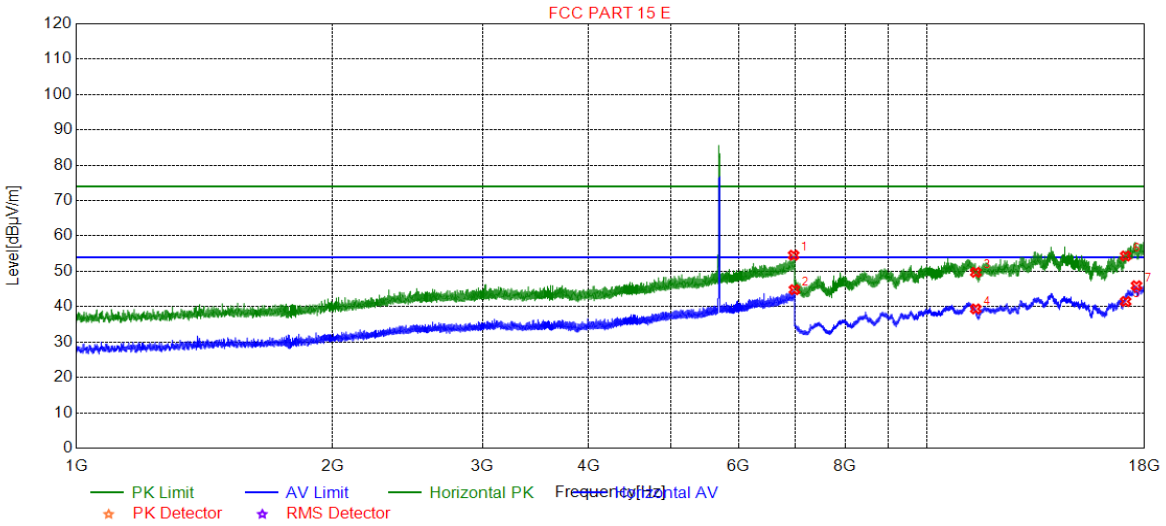
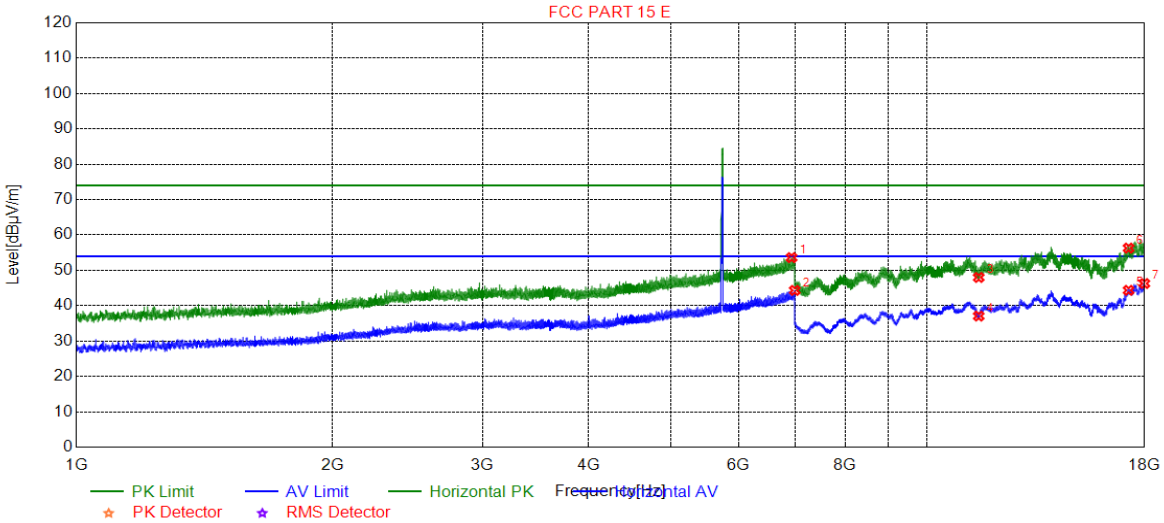
4.3.2.45 11N20_MIMO_140 _ Horizontal



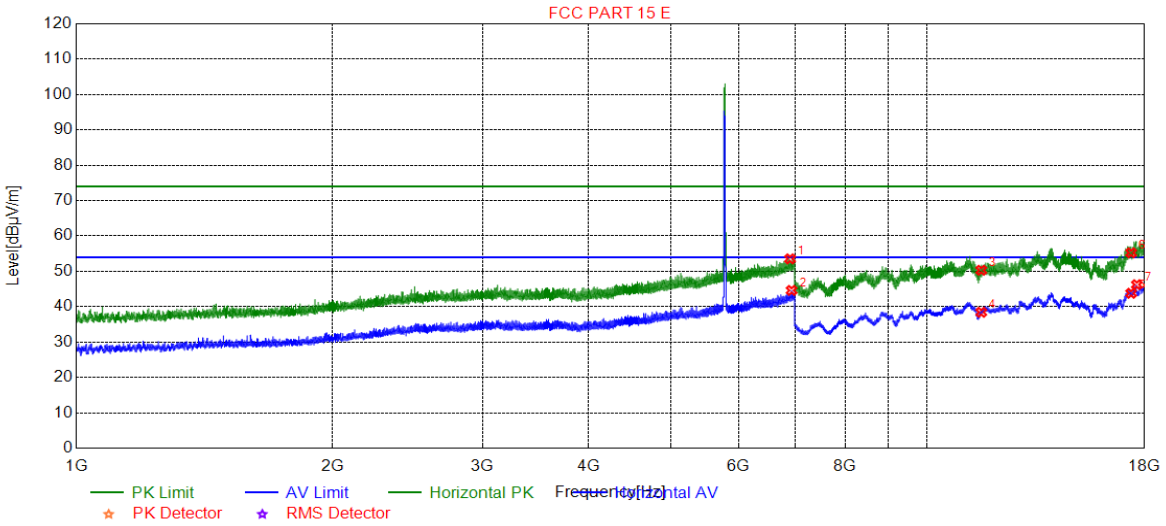
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.0982	54.56	12.63	74.00	19.44	150	314	Horizontal
2	6979.5990	44.81	12.69	54.00	9.19	150	342	Horizontal
3	11400.0000	49.71	-4.42	74.00	24.29	150	108	Horizontal
4	11400.0000	39.38	-4.42	54.00	14.62	150	342	Horizontal
5	17100.0000	41.48	-3.09	54.00	12.52	150	137	Horizontal
6	17100.0000	54.35	-3.09	74.00	19.65	150	137	Horizontal
7	17611.1306	45.94	1.34	54.00	8.06	150	342	Horizontal

4.3.2.46 11N20_MIMO_149 _ Horizontal



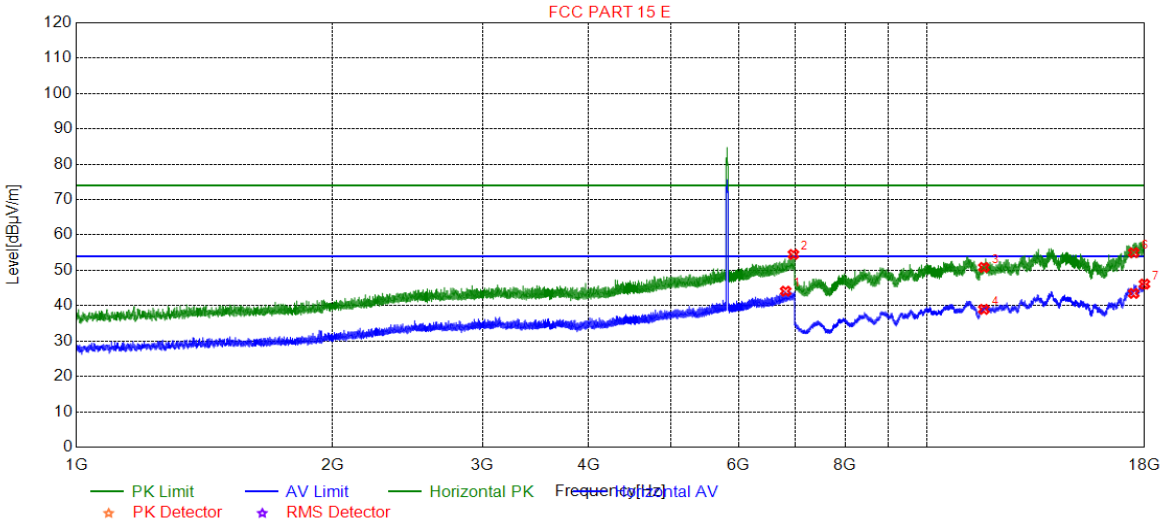
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.9963	53.60	12.49	74.00	20.40	150	283	Horizontal
2	6984.9993	44.33	12.71	54.00	9.67	150	84	Horizontal
3	11490.0000	47.99	-5.65	74.00	26.01	150	188	Horizontal
4	11490.0000	37.07	-5.65	54.00	16.93	150	73	Horizontal
5	17235.0000	44.36	-1.47	54.00	9.64	150	249	Horizontal
6	17235.0000	56.29	-1.47	74.00	17.71	150	188	Horizontal
7	17990.0995	46.28	-0.43	54.00	7.72	150	45	Horizontal

4.3.2.47 11N20_MIMO_157 _ Horizontal



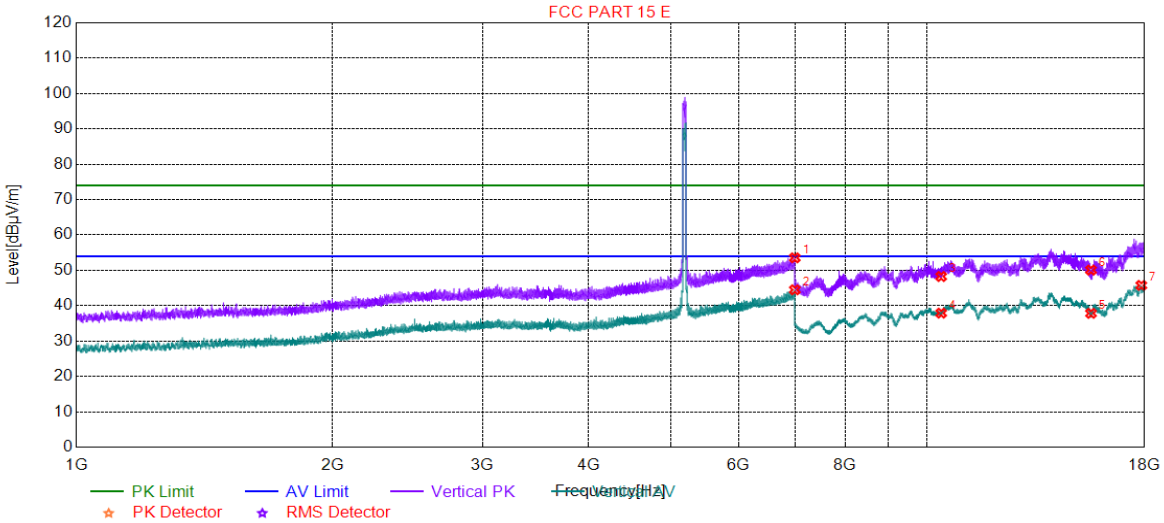
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.4948	53.53	12.39	74.00	20.47	150	63	Horizontal
2	6924.9963	44.61	12.49	54.00	9.39	150	334	Horizontal
3	11570.0000	50.31	-3.87	74.00	23.69	150	166	Horizontal
4	11570.0000	38.43	-3.87	54.00	15.57	150	0	Horizontal
5	17355.0000	43.80	-1.07	54.00	10.20	150	342	Horizontal
6	17355.0000	55.24	-1.07	74.00	18.76	150	223	Horizontal
7	17624.8812	46.24	0.98	54.00	7.76	150	51	Horizontal

4.3.2.48 11N20_MIMO_165 _ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6815.4908	44.11	12.08	54.00	9.89	150	114	Horizontal
2	6959.4980	54.51	12.62	74.00	19.49	150	29	Horizontal
3	11650.0000	50.83	-3.16	74.00	23.17	150	137	Horizontal
4	11650.0000	38.98	-3.16	54.00	15.02	150	80	Horizontal
5	17475.0000	43.48	0.02	54.00	10.52	150	254	Horizontal
6	17475.0000	54.99	0.02	74.00	19.01	150	51	Horizontal
7	17990.6495	46.13	-0.42	54.00	7.87	150	282	Horizontal

4.3.2.49 11N40_MIMO_38 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6985.5993	53.54	12.72	74.00	20.46	150	75	Vertical
2	6986.1993	44.50	12.72	54.00	9.50	150	302	Vertical
3	10380.0000	48.26	-5.36	74.00	25.74	150	359	Vertical
4	10380.0000	37.91	-5.36	54.00	16.09	150	161	Vertical
5	15570.0000	37.85	-4.02	54.00	16.15	150	104	Vertical
6	15570.0000	50.08	-4.02	74.00	23.92	150	18	Vertical
7	17841.0421	45.75	-0.91	54.00	8.25	150	18	Vertical

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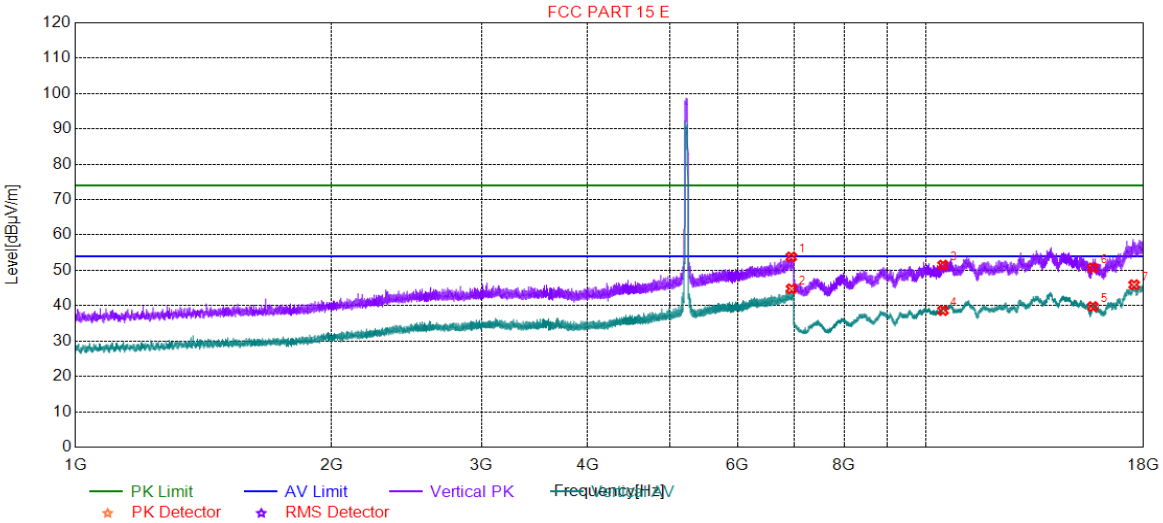
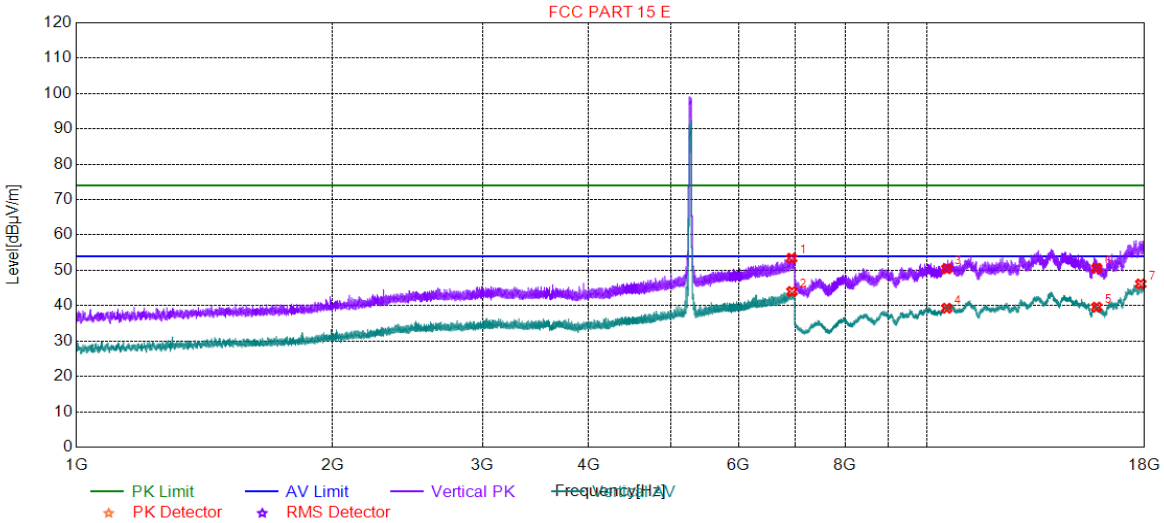
4.3.2.50 11N40_MIMO_46 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6938.4969	53.80	12.54	74.00	20.20	150	18	Vertical
2	6942.9972	44.78	12.56	54.00	9.22	150	77	Vertical
3	10460.0000	51.48	-4.70	74.00	22.52	150	250	Vertical
4	10460.0000	38.63	-4.70	54.00	15.37	150	250	Vertical
5	15690.0000	39.76	-2.93	54.00	14.24	150	18	Vertical
6	15690.0000	50.68	-2.93	74.00	23.32	150	279	Vertical
7	17542.3771	45.93	0.89	54.00	8.07	150	190	Vertical

4.3.2.51 11N40_MIMO_54 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.9963	53.43	12.49	74.00	20.57	150	358	Vertical
2	6933.0967	44.03	12.52	54.00	9.97	150	190	Vertical
3	10540.0000	50.45	-4.46	74.00	23.55	150	218	Vertical
4	10540.0000	39.30	-4.46	54.00	14.70	150	218	Vertical
5	15810.0000	39.61	-2.42	54.00	14.39	150	132	Vertical
6	15810.0000	50.58	-2.42	74.00	23.42	150	331	Vertical
7	17815.1908	46.16	-0.82	54.00	7.84	150	104	Vertical

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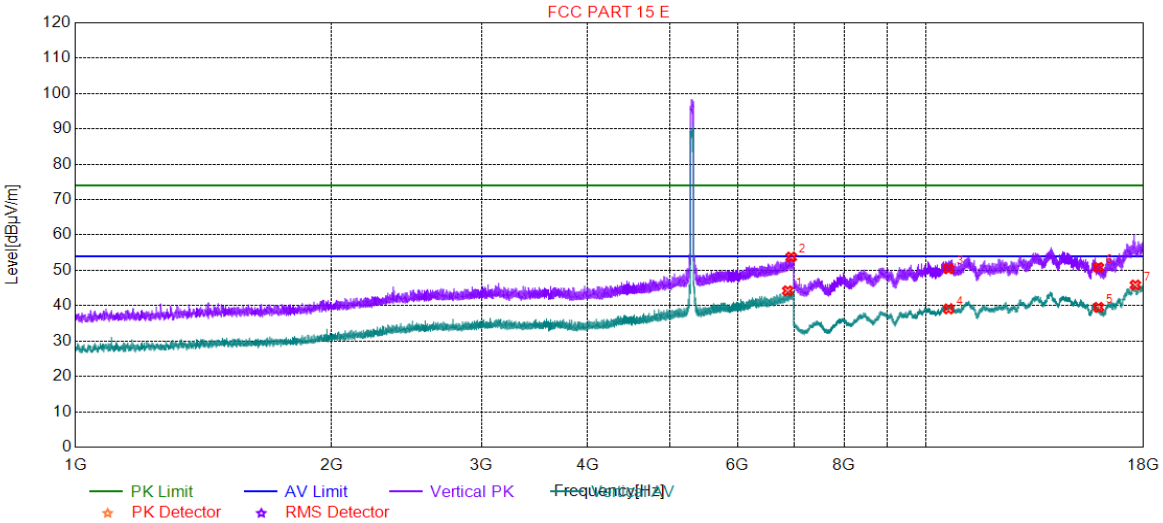
4.3.2.52 11N40_MIMO_62 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6871.8936	44.22	12.29	54.00	9.78	150	18	Vertical
2	6936.0968	53.76	12.53	74.00	20.24	150	249	Vertical
3	10620.0000	50.45	-4.72	74.00	23.55	150	217	Vertical
4	10620.0000	39.11	-4.72	54.00	14.89	150	75	Vertical
5	15930.0000	39.54	-3.73	54.00	14.46	150	246	Vertical
6	15930.0000	50.81	-3.73	74.00	23.19	150	132	Vertical
7	17603.4302	45.85	1.54	54.00	8.15	150	217	Vertical

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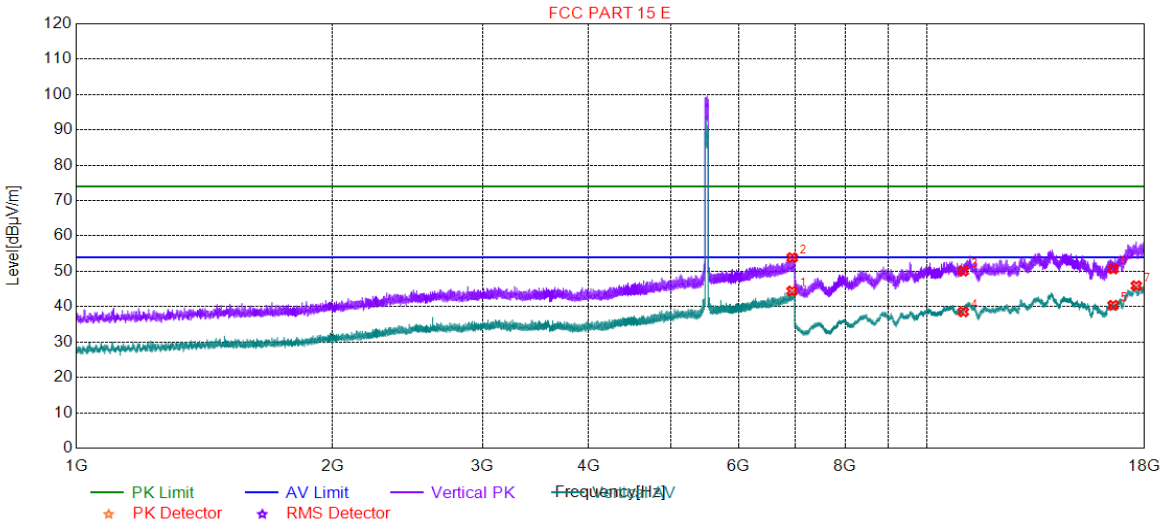
4.3.2.53 11N40_MIMO_102 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6934.8967	44.44	12.53	54.00	9.56	150	357	Vertical
2	6938.1969	53.88	12.54	74.00	20.12	150	357	Vertical
3	11020.0000	50.09	-4.09	74.00	23.91	150	303	Vertical
4	11020.0000	38.57	-4.09	54.00	15.43	150	18	Vertical
5	16530.0000	40.40	-3.84	54.00	13.60	150	18	Vertical
6	16530.0000	50.71	-3.84	74.00	23.29	150	132	Vertical
7	17600.6800	45.94	1.61	54.00	8.06	150	103	Vertical

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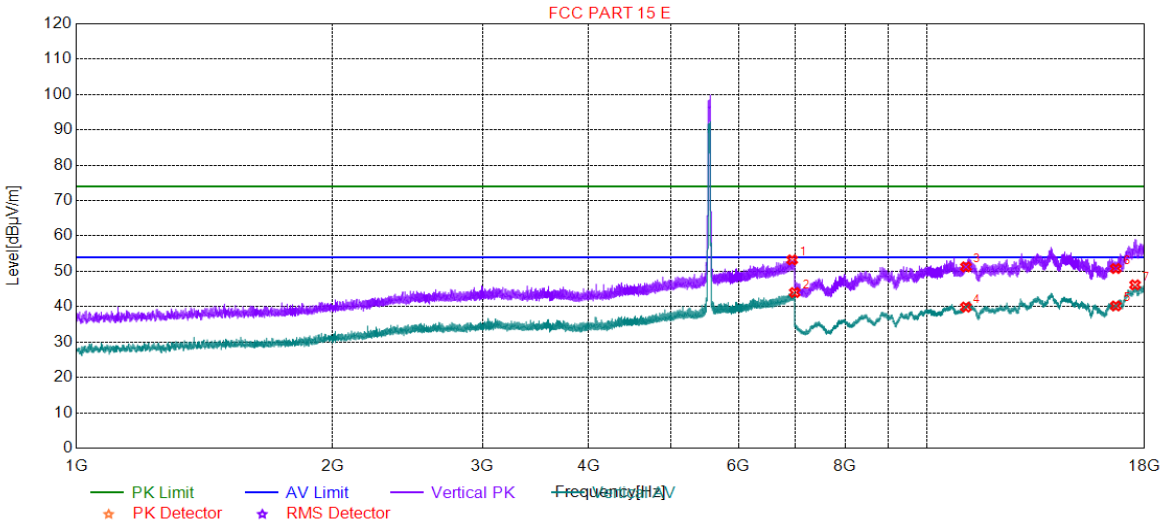
4.3.2.54 11N40_MIMO_110 _Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.0968	53.24	12.53	74.00	20.76	150	103	Vertical
2	6984.0992	44.01	12.71	54.00	9.99	150	103	Vertical
3	11100.0000	51.26	-3.36	74.00	22.74	150	304	Vertical
4	11100.0000	39.89	-3.36	54.00	14.11	150	46	Vertical
5	16650.0000	40.23	-4.20	54.00	13.77	150	104	Vertical
6	16650.0000	50.80	-4.20	74.00	23.20	150	75	Vertical
7	17540.7270	46.18	0.87	54.00	7.82	150	46	Vertical

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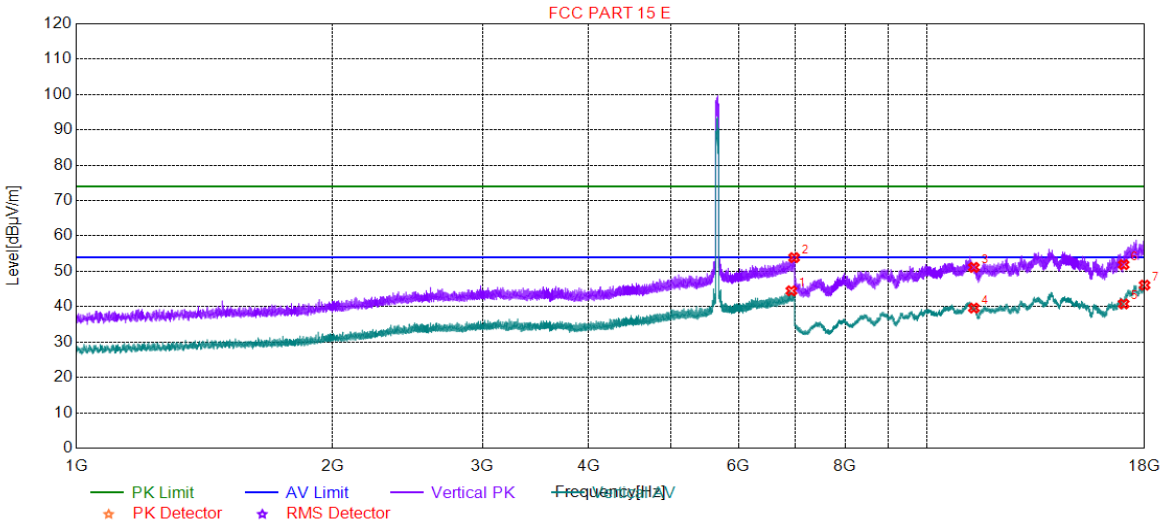
4.3.2.55 11N40_MIMO_134 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.0961	44.49	12.48	54.00	9.51	150	50	Vertical
2	6973.2987	53.88	12.67	74.00	20.12	150	140	Vertical
3	11340.0000	51.12	-4.59	74.00	22.88	150	132	Vertical
4	11340.0000	39.62	-4.59	54.00	14.38	150	75	Vertical
5	17010.0000	40.79	-3.20	54.00	13.21	150	218	Vertical
6	17010.0000	51.89	-3.20	74.00	22.11	150	75	Vertical
7	17998.3499	46.10	-0.36	54.00	7.90	150	47	Vertical

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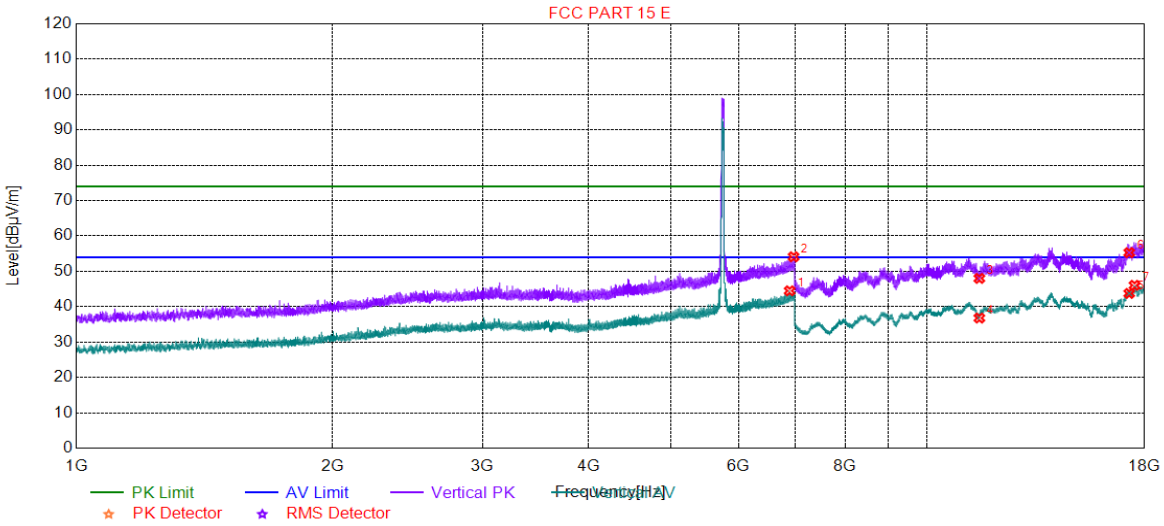
4.3.2.56 11N40_MIMO_151 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6888.9945	44.49	12.36	54.00	9.51	150	131	Vertical
2	6962.4981	54.12	12.63	74.00	19.88	150	357	Vertical
3	11510.0000	48.01	-5.50	74.00	25.99	150	132	Vertical
4	11510.0000	36.80	-5.50	54.00	17.20	150	302	Vertical
5	17265.0000	43.76	-1.33	54.00	10.24	150	331	Vertical
6	17265.0000	55.28	-1.33	74.00	18.72	150	246	Vertical
7	17514.8757	46.05	0.54	54.00	7.95	150	46	Vertical

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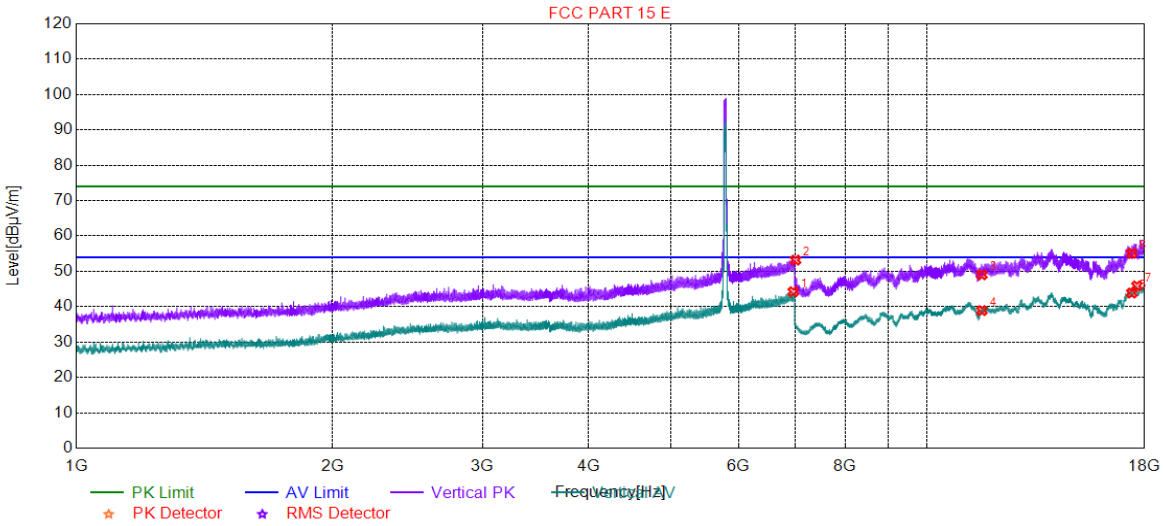
4.3.2.57 11N40_MIMO_159 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.9979	44.23	12.61	54.00	9.77	150	75	Vertical
2	6999.7000	53.18	12.77	74.00	20.82	150	273	Vertical
3	11590.0000	49.03	-3.32	74.00	24.97	150	216	Vertical
4	11590.0000	38.90	-3.32	54.00	15.10	150	245	Vertical
5	17385.0000	43.87	-1.02	54.00	10.13	150	357	Vertical
6	17385.0000	55.10	-1.02	74.00	18.90	150	330	Vertical
7	17628.1814	45.89	0.90	54.00	8.11	150	330	Vertical

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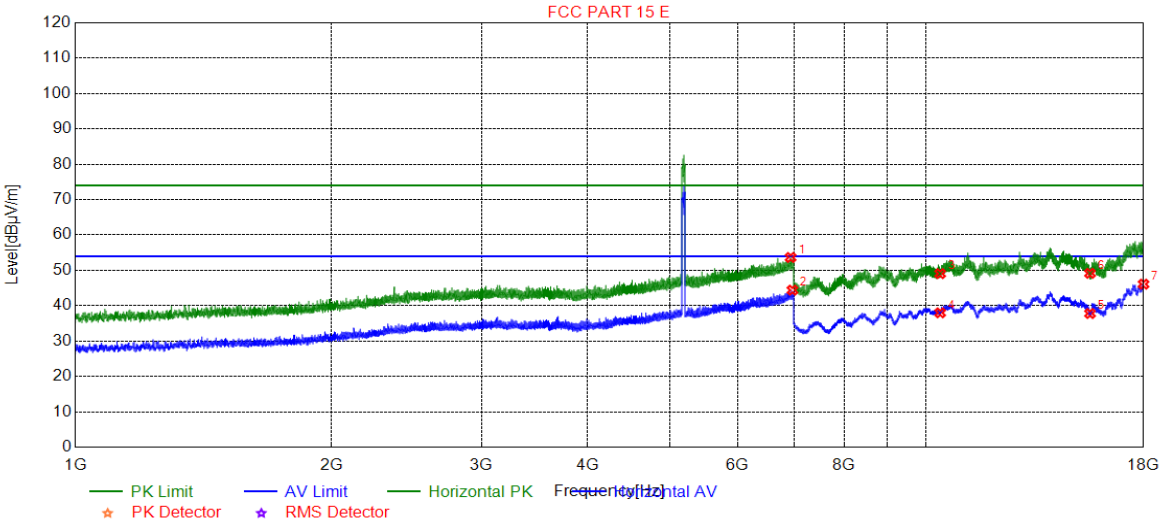
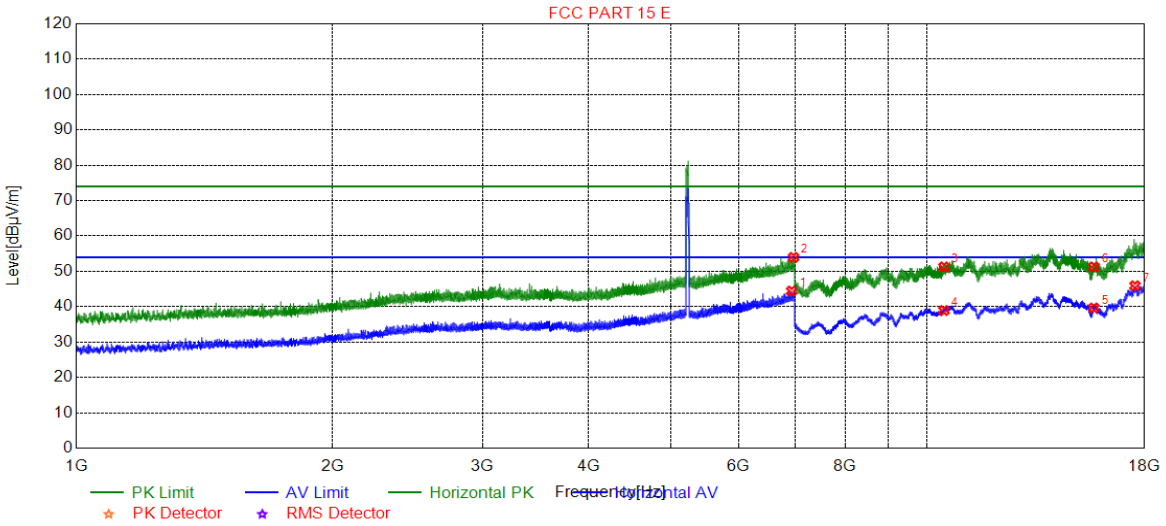
4.3.2.58 11N40_MIMO_38 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6925.8963	53.64	12.50	74.00	20.36	150	58	Horizontal
2	6959.7980	44.40	12.62	54.00	9.60	150	3	Horizontal
3	10380.0000	49.08	-5.36	74.00	24.92	150	342	Horizontal
4	10380.0000	37.99	-5.36	54.00	16.01	150	285	Horizontal
5	15570.0000	37.80	-4.02	54.00	16.20	150	114	Horizontal
6	15570.0000	49.16	-4.02	74.00	24.84	150	314	Horizontal
7	17996.6998	46.10	-0.38	54.00	7.90	150	114	Horizontal

4.3.2.59 11N40_MIMO_46 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.7963	44.44	12.50	54.00	9.56	150	2	Horizontal
2	6961.2981	53.95	12.63	74.00	20.05	150	228	Horizontal
3	10460.0000	51.26	-4.70	74.00	22.74	150	228	Horizontal
4	10460.0000	38.93	-4.70	54.00	15.07	150	342	Horizontal
5	15690.0000	39.65	-2.93	54.00	14.35	150	171	Horizontal
6	15690.0000	51.27	-2.93	74.00	22.73	150	56	Horizontal
7	17539.0770	45.93	0.85	54.00	8.07	150	56	Horizontal

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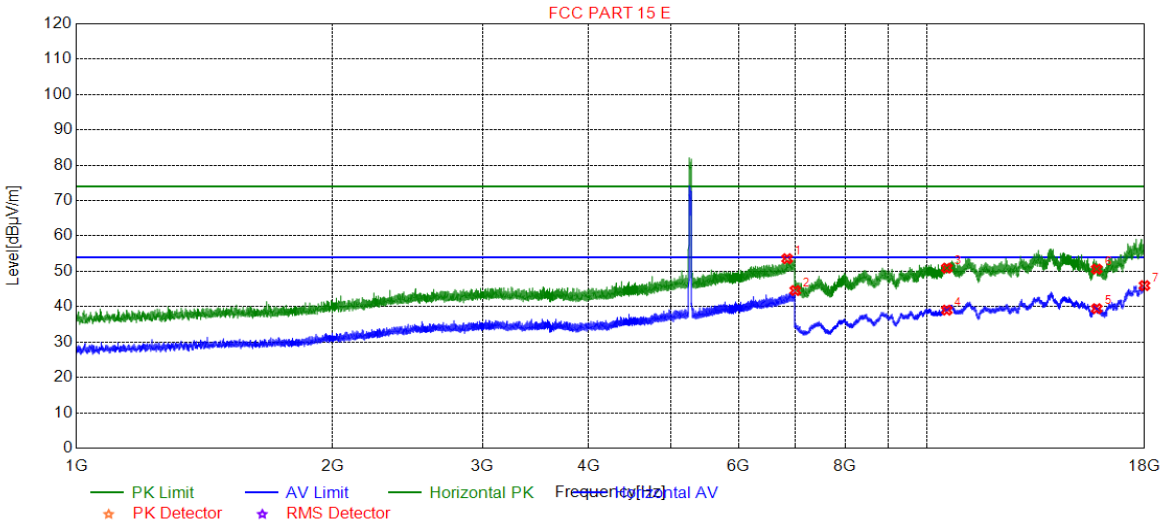
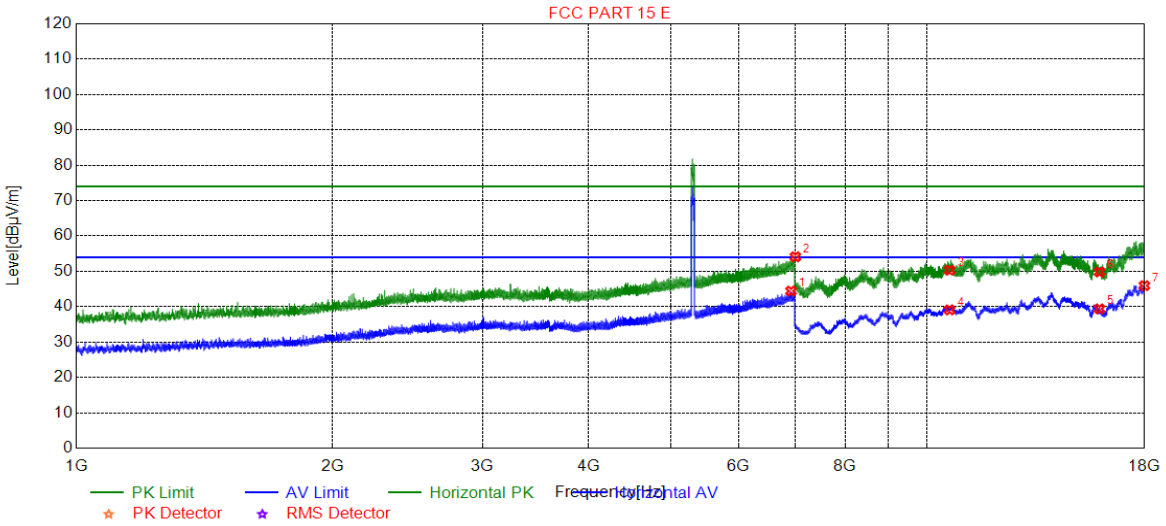
4.3.2.60 11N40_MIMO_54 _Horizontal



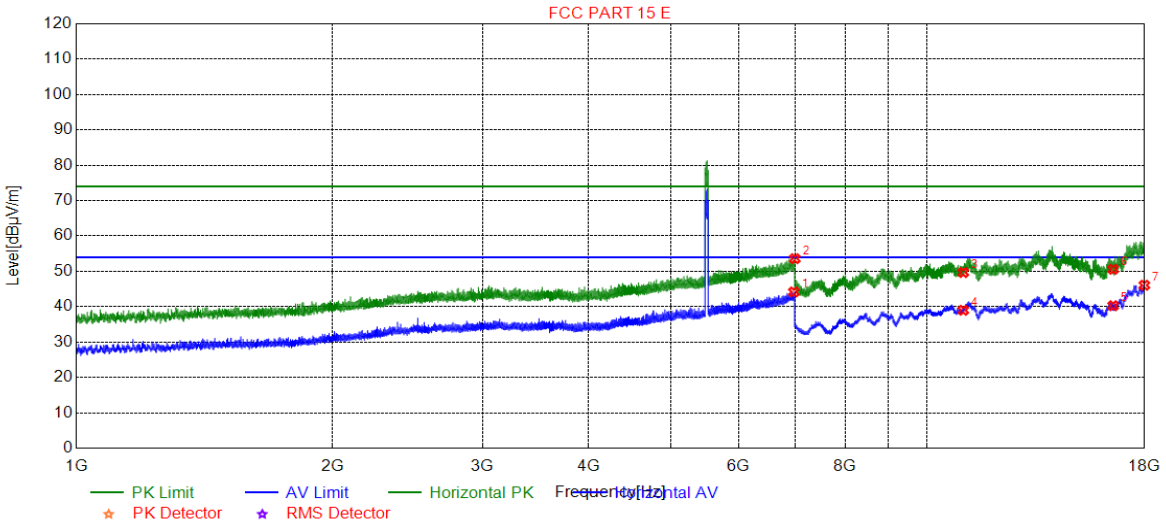
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6841.5921	53.58	12.18	74.00	20.42	150	227	Horizontal
2	6995.4998	44.58	12.75	54.00	9.42	150	54	Horizontal
3	10540.0000	50.92	-4.46	74.00	23.08	150	228	Horizontal
4	10540.0000	39.03	-4.46	54.00	14.97	150	85	Horizontal
5	15810.0000	39.45	-2.42	54.00	14.55	150	142	Horizontal
6	15810.0000	50.64	-2.42	74.00	23.36	150	85	Horizontal
7	17995.5998	45.97	-0.38	54.00	8.03	150	170	Horizontal

4.3.2.61 11N40_MIMO_62 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6914.1957	44.44	12.45	54.00	9.56	150	26	Horizontal
2	6996.3998	54.12	12.76	74.00	19.88	150	112	Horizontal
3	10620.0000	50.33	-4.72	74.00	23.67	150	56	Horizontal
4	10620.0000	39.10	-4.72	54.00	14.90	150	256	Horizontal
5	15930.0000	39.40	-3.73	54.00	14.60	150	342	Horizontal
6	15930.0000	49.83	-3.73	74.00	24.17	150	285	Horizontal
7	17990.6495	45.95	-0.42	54.00	8.05	150	56	Horizontal

4.3.2.62 11N40_MIMO_102 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.1984	44.18	12.65	54.00	9.82	150	245	Horizontal
2	6985.8993	53.59	12.72	74.00	20.41	150	274	Horizontal
3	11020.0000	49.67	-4.09	74.00	24.33	150	224	Horizontal
4	11020.0000	39.00	-4.09	54.00	15.00	150	110	Horizontal
5	16530.0000	40.28	-3.84	54.00	13.72	150	252	Horizontal
6	16530.0000	50.59	-3.84	74.00	23.41	150	196	Horizontal
7	17987.8994	46.08	-0.44	54.00	7.92	150	110	Horizontal

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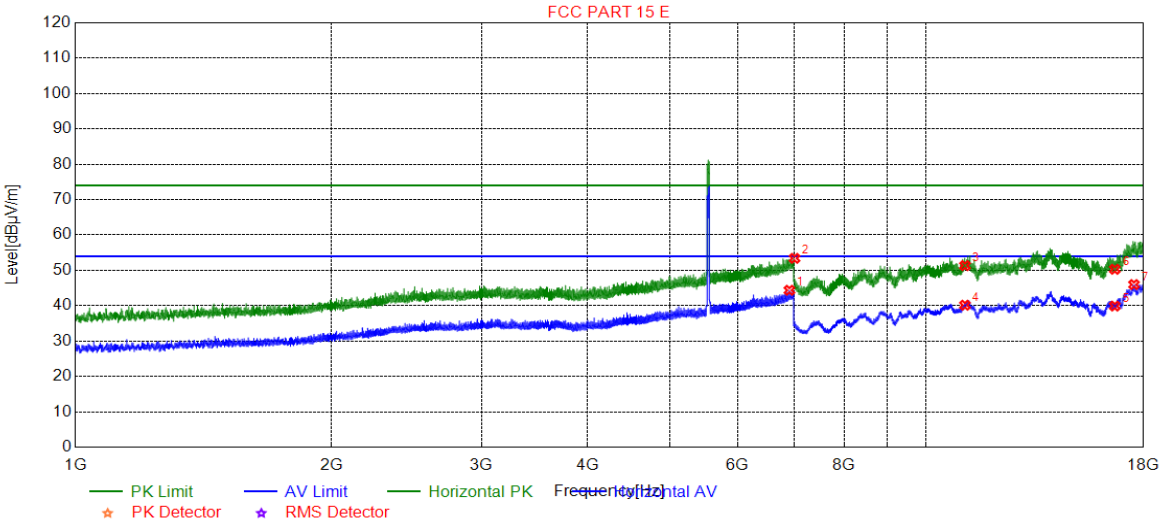
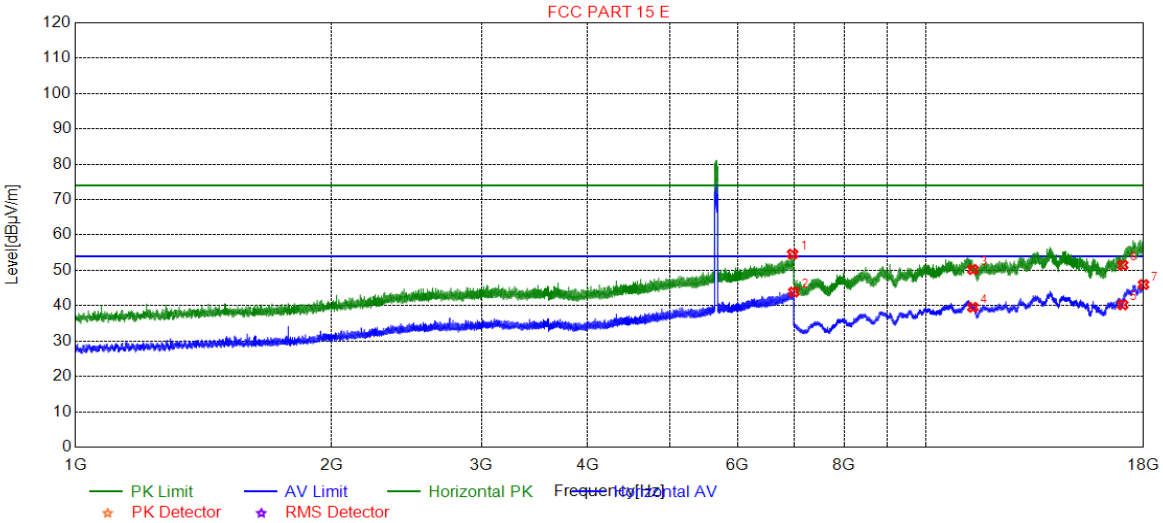
4.3.2.63 11N40_MIMO_110 _Horizontal



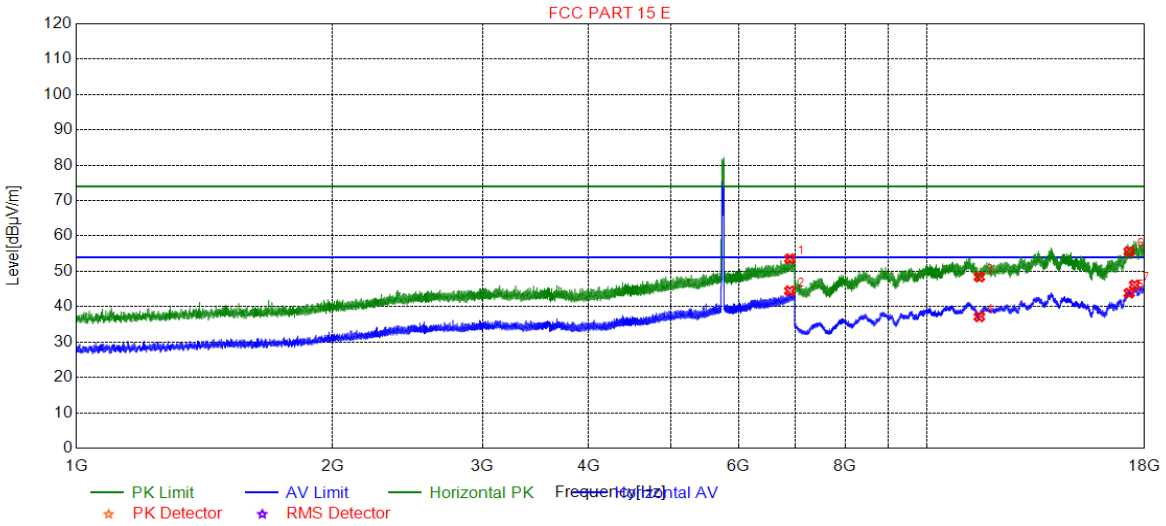
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6903.0952	44.37	12.41	54.00	9.63	150	342	Horizontal
2	6999.1000	53.40	12.77	74.00	20.60	150	81	Horizontal
3	11100.0000	51.34	-3.36	74.00	22.66	150	1	Horizontal
4	11100.0000	40.15	-3.36	54.00	13.85	150	1	Horizontal
5	16650.0000	39.90	-4.20	54.00	14.10	150	254	Horizontal
6	16650.0000	50.30	-4.20	74.00	23.70	150	165	Horizontal
7	17536.8768	45.98	0.82	54.00	8.02	150	254	Horizontal

4.3.2.64 11N40_MIMO_134 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.3982	54.59	12.63	74.00	19.41	150	78	Horizontal
2	6984.6992	43.87	12.71	54.00	10.13	150	137	Horizontal
3	11340.0000	50.22	-4.59	74.00	23.78	150	171	Horizontal
4	11340.0000	39.56	-4.59	54.00	14.44	150	256	Horizontal
5	17010.0000	40.25	-3.20	54.00	13.75	150	2	Horizontal
6	17010.0000	51.48	-3.20	74.00	22.52	150	56	Horizontal
7	17993.3997	45.98	-0.40	54.00	8.02	150	199	Horizontal

4.3.2.65 11N40_MIMO_151 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.5946	53.55	12.37	74.00	20.45	150	283	Horizontal
2	6892.8946	44.47	12.37	54.00	9.53	150	311	Horizontal
3	11510.0000	48.42	-5.50	74.00	25.58	150	199	Horizontal
4	11510.0000	37.16	-5.50	54.00	16.84	150	3	Horizontal
5	17265.0000	43.84	-1.33	54.00	10.16	150	342	Horizontal
6	17265.0000	55.61	-1.33	74.00	18.39	150	171	Horizontal
7	17516.5258	46.14	0.56	54.00	7.86	150	3	Horizontal

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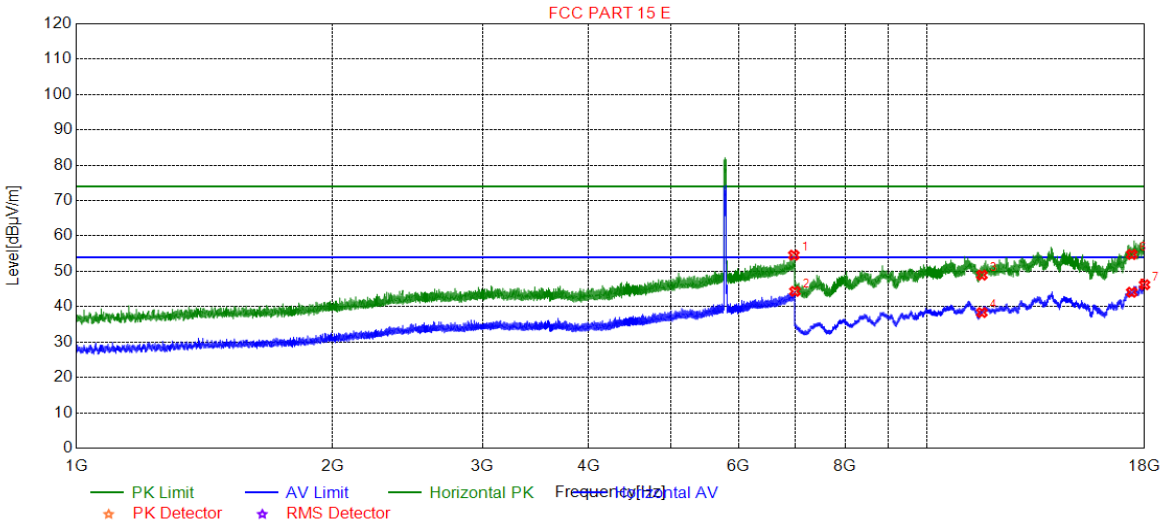
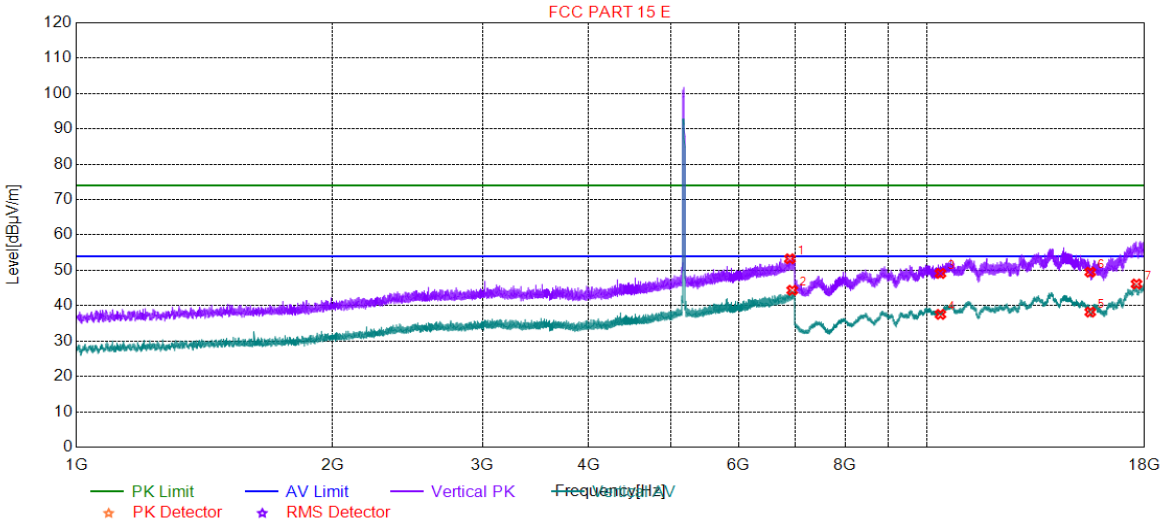
4.3.2.66 11N40_MIMO_159 _Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6967.8984	54.58	12.65	74.00	19.42	150	200	Horizontal
2	6988.2994	44.34	12.73	54.00	9.66	150	200	Horizontal
3	11590.0000	48.94	-3.32	74.00	25.06	150	192	Horizontal
4	11590.0000	38.35	-3.32	54.00	15.65	150	50	Horizontal
5	17385.0000	44.09	-1.02	54.00	9.91	150	342	Horizontal
6	17385.0000	54.76	-1.02	74.00	19.24	150	342	Horizontal
7	17996.6998	46.21	-0.38	54.00	7.79	150	134	Horizontal

4.3.2.67 11AC20_MIMO_36 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.4947	53.27	12.38	74.00	20.73	150	285	Vertical
2	6937.8969	44.37	12.54	54.00	9.63	150	228	Vertical
3	10360.0000	49.13	-5.35	74.00	24.87	150	104	Vertical
4	10360.0000	37.55	-5.35	54.00	16.45	150	160	Vertical
5	15540.0000	38.20	-3.26	54.00	15.80	150	332	Vertical
6	15540.0000	49.49	-3.26	74.00	24.51	150	358	Vertical
7	17608.9304	46.14	1.40	54.00	7.86	150	246	Vertical

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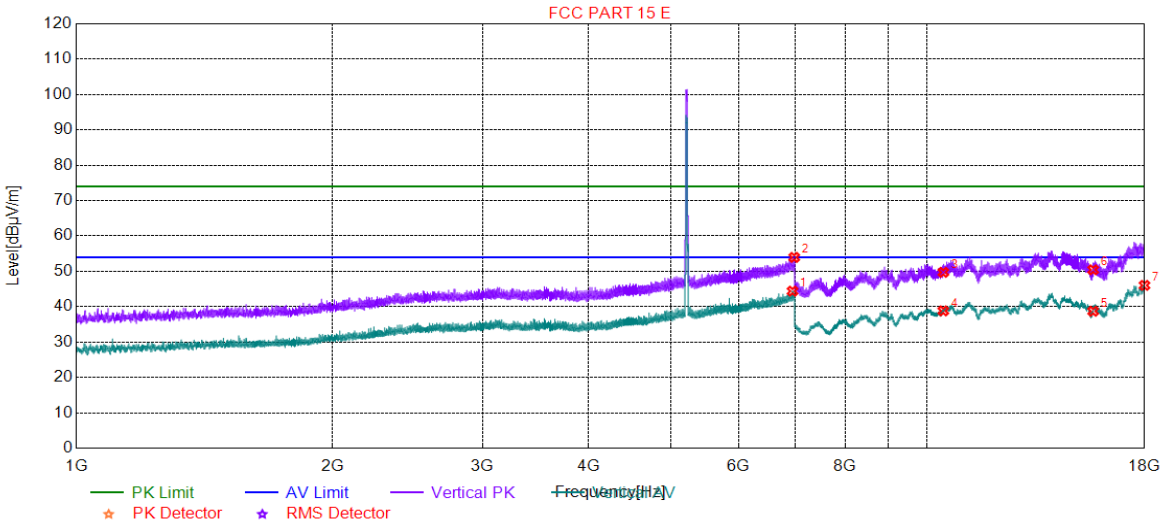
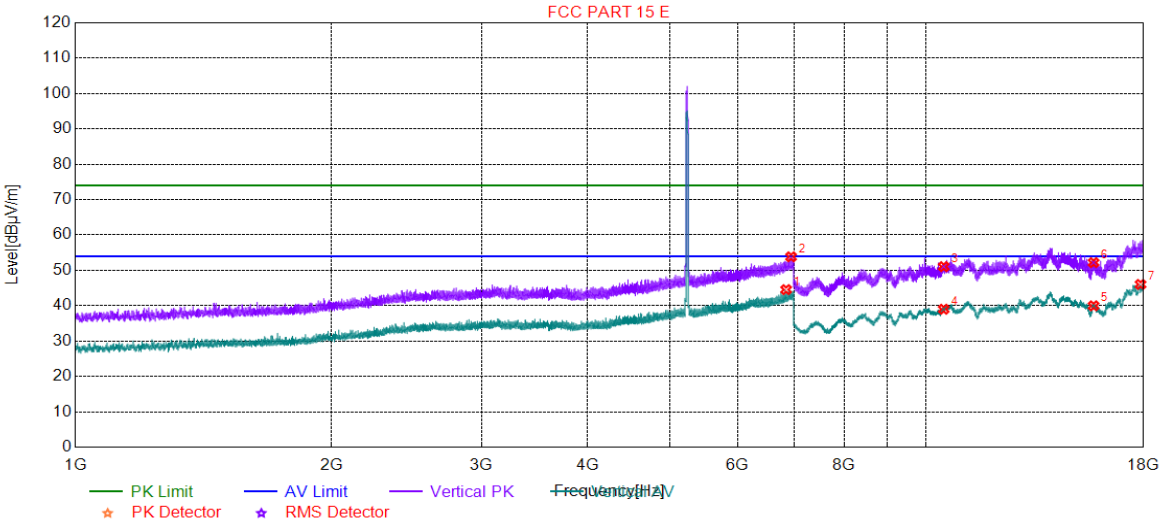
4.3.2.68 11AC20_MIMO_44 _Vertical



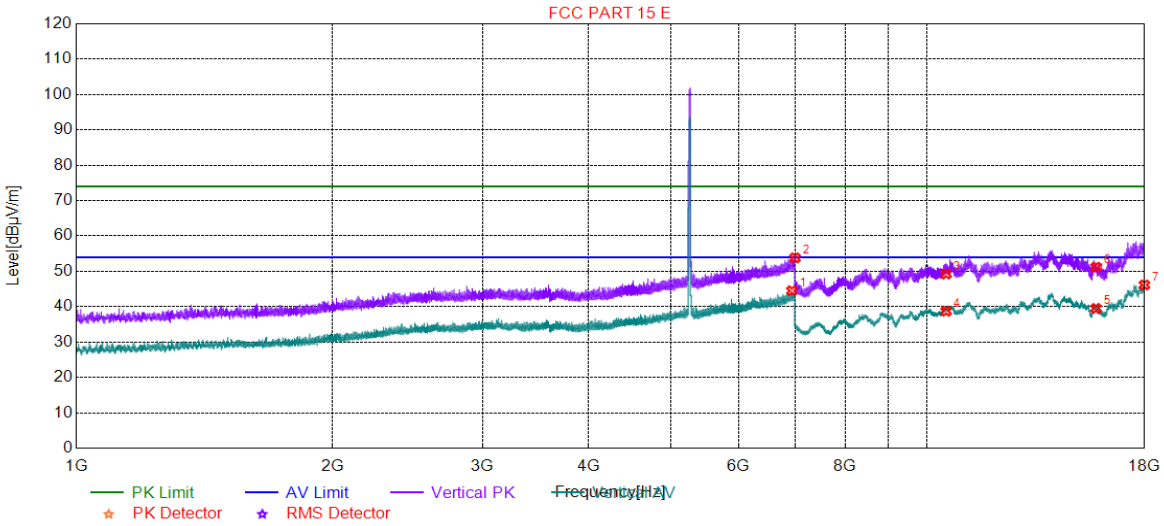
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.0971	44.41	12.56	54.00	9.59	150	171	Vertical
2	6974.1987	53.95	12.67	74.00	20.05	150	29	Vertical
3	10440.0000	49.73	-4.92	74.00	24.27	150	46	Vertical
4	10440.0000	38.83	-4.92	54.00	15.17	150	273	Vertical
5	15660.0000	38.72	-3.54	54.00	15.28	150	244	Vertical
6	15660.0000	50.43	-3.54	74.00	23.57	150	103	Vertical
7	17994.4997	46.04	-0.39	54.00	7.96	150	75	Vertical

4.3.2.69 11AC20_MIMO_48 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6841.8921	44.55	12.18	54.00	9.45	150	211	Vertical
2	6933.9967	53.83	12.53	74.00	20.17	150	244	Vertical
3	10480.0000	51.05	-4.49	74.00	22.95	150	304	Vertical
4	10480.0000	39.01	-4.49	54.00	14.99	150	76	Vertical
5	15720.0000	39.97	-2.65	54.00	14.03	150	219	Vertical
6	15720.0000	52.19	-2.65	74.00	21.81	150	76	Vertical
7	17850.3925	46.03	-0.94	54.00	7.97	150	162	Vertical

4.3.2.70 11AC20_MIMO_52 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6931.8966	44.52	12.52	54.00	9.48	150	179	Vertical
2	6988.8994	53.81	12.73	74.00	20.19	150	310	Vertical
3	10520.0000	49.25	-4.37	74.00	24.75	150	308	Vertical
4	10520.0000	38.74	-4.37	54.00	15.26	150	308	Vertical
5	15780.0000	39.52	-2.36	54.00	14.48	150	192	Vertical
6	15780.0000	51.17	-2.36	74.00	22.83	150	74	Vertical
7	17990.0995	46.15	-0.43	54.00	7.85	150	280	Vertical

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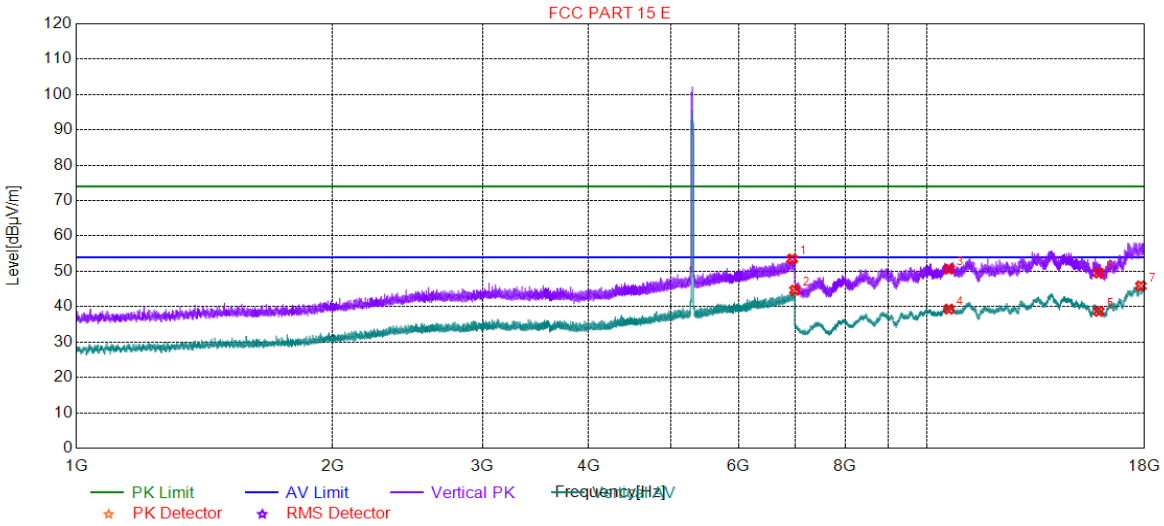
4.3.2.71 11AC20_MIMO_60 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6934.8967	53.50	12.53	74.00	20.50	150	252	Vertical
2	6987.6994	44.67	12.72	54.00	9.33	150	313	Vertical
3	10600.0000	50.65	-4.75	74.00	23.35	150	47	Vertical
4	10600.0000	39.33	-4.75	54.00	14.67	150	47	Vertical
5	15900.0000	38.69	-3.75	54.00	15.31	150	357	Vertical
6	15900.0000	49.51	-3.75	74.00	24.49	150	75	Vertical
7	17817.9409	45.88	-0.83	54.00	8.12	150	302	Vertical

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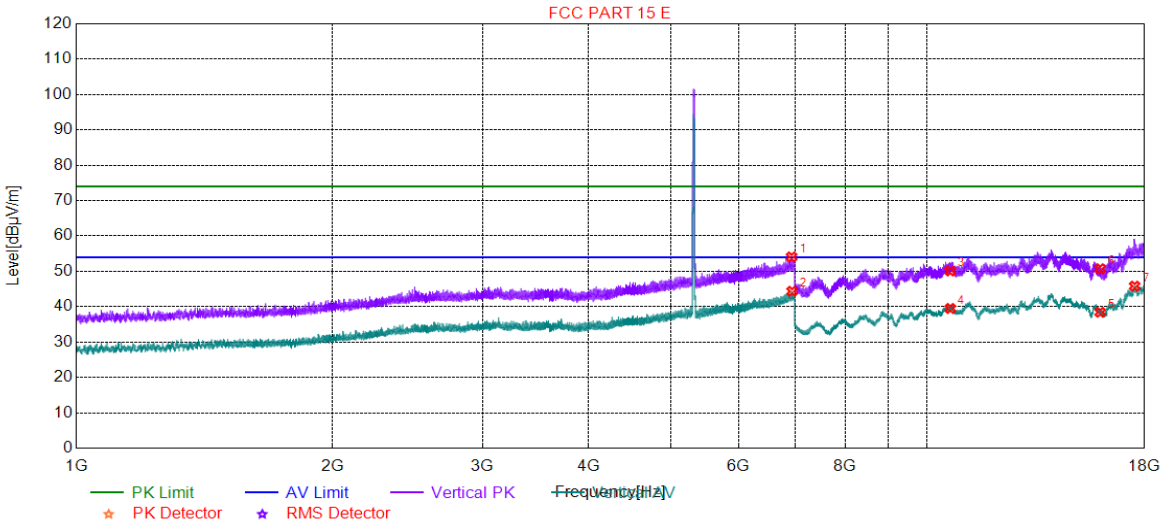
4.3.2.72 11AC20_MIMO_64 _Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6925.5963	54.08	12.49	74.00	19.92	150	284	Vertical
2	6935.1968	44.37	12.53	54.00	9.63	150	2	Vertical
3	10640.0000	50.11	-4.69	74.00	23.89	150	160	Vertical
4	10640.0000	39.51	-4.69	54.00	14.49	150	189	Vertical
5	15960.0000	38.44	-3.70	54.00	15.56	150	302	Vertical
6	15960.0000	50.73	-3.70	74.00	23.27	150	160	Vertical
7	17522.0261	45.82	0.63	54.00	8.18	150	357	Vertical

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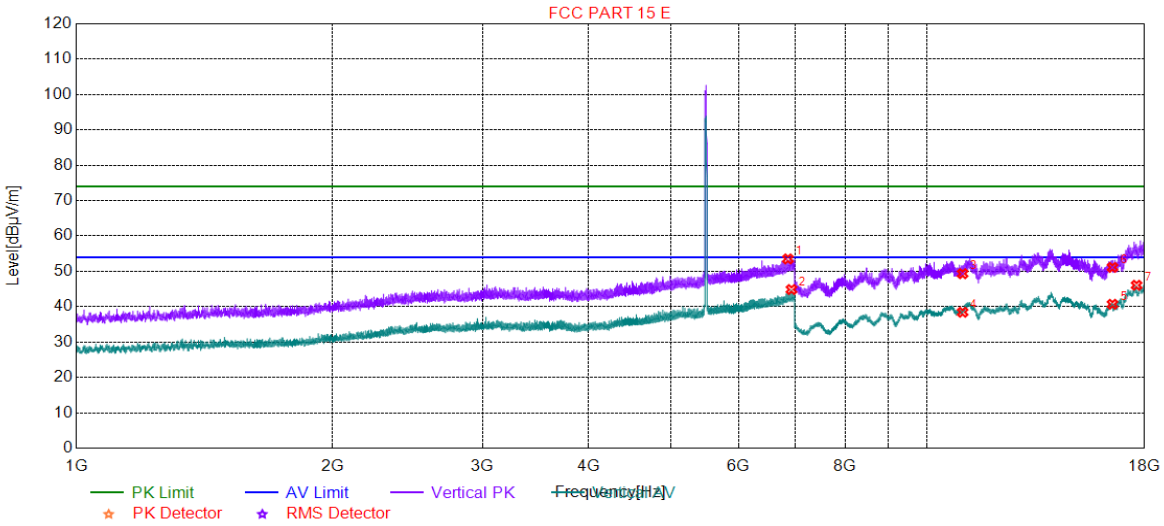
4.3.2.73 11AC20_MIMO_100 _Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6857.4929	53.51	12.24	74.00	20.49	150	24	Vertical
2	6922.8961	44.86	12.48	54.00	9.14	150	52	Vertical
3	11000.0000	49.34	-4.28	74.00	24.66	150	47	Vertical
4	11000.0000	38.44	-4.28	54.00	15.56	150	247	Vertical
5	16500.0000	40.70	-3.62	54.00	13.30	150	275	Vertical
6	16500.0000	51.12	-3.62	74.00	22.88	150	189	Vertical
7	17613.8807	46.07	1.27	54.00	7.93	150	18	Vertical

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