

Report No.: AR/2020/C000805

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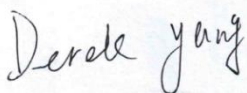
FCC TEST REPORT

Application No.: AR/2020/C0008
Applicant: FIH CO., LTD
Address of Applicant: No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan
Manufacturer: FIH CO., LTD
Address of Manufacturer: No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan
EUT Description: WCDMA/LTE Mobile Phone
Model No.: EA1002, EC1002
Trade Mark: FIH
FCC ID: RYQEC1002
Standards: 47 CFR FCC Part 2, Subpart J
47 CFR FCC Part 15, Subpart E
Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02
FCC KDB 558074 D01 DTS Meas Guidance v0502
KDB 662911 D01 Multiple Transmitter Output v02r01
KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
KDB 905462 D03 Client Without DFS New Rules v01r02
ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices
Date of Receipt: 2020/12/18
Date of Test: 2020/12/18 to 2021/1/8
Date of Issue: 2021/1/8

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

Authorized Signature:



Derek Yang
Wireless Laboratory Manager



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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-01-08		Original

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

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(EBW)} (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW,11dBm+10*lg(EBW)} (avg during transmission)		
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)		
Maximum Power Spectral Density	5150-5250	15.407(a)(1) 15.407(a)(4)	<11dBm/MHz (avg during transmission)	Clause 4.8	PASS
	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 $\geq$ 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 $\geq$ 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 $\geq$ 1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS
Unwanted Emissions in the Restricted Bands (Radiated)	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.10	PASS
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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Remark:

According to the declaration letter from manufacturer, for EC1002 is all test, and for EA1002 shares the same test data of EC1002 in this report.



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3 General Information

3.1 Details of Client

Applicant:	FIH CO., LTD
Address of Applicant	No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan
Manufacturer:	FIH CO., LTD
Address of Manufacturer	No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan

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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3.3 Test Facility

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

• **A2LA (Certificate No. 3816.01)**

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

• **VCCI**

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

• **FCC –Designation Number: CN1178**

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

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

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

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

CAB identifier: CN0006.

IC#: 4620C.



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3.4 General Description of EUT

EUT Description:	WCDMA/LTE Mobile Phone
Model No.:	EA1002, EC1002
Trade Mark:	FIH
Hardware Version:	HW 3.0
Software Version:	EA1002_01N0_1_180, EC1002_00N0_1_180
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): 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:	☐ 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).
Antenna Gain:	3.32dBi

Remark:

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

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



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For UNII Band I:

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

For UNII Band II-A:

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

For UNII Band II-C:

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

For UNII Band III:

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



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3.5 Test Environment and Mode

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



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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is 3.32dBi.	

4.2 AC Power Line Conducted Emissions

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



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

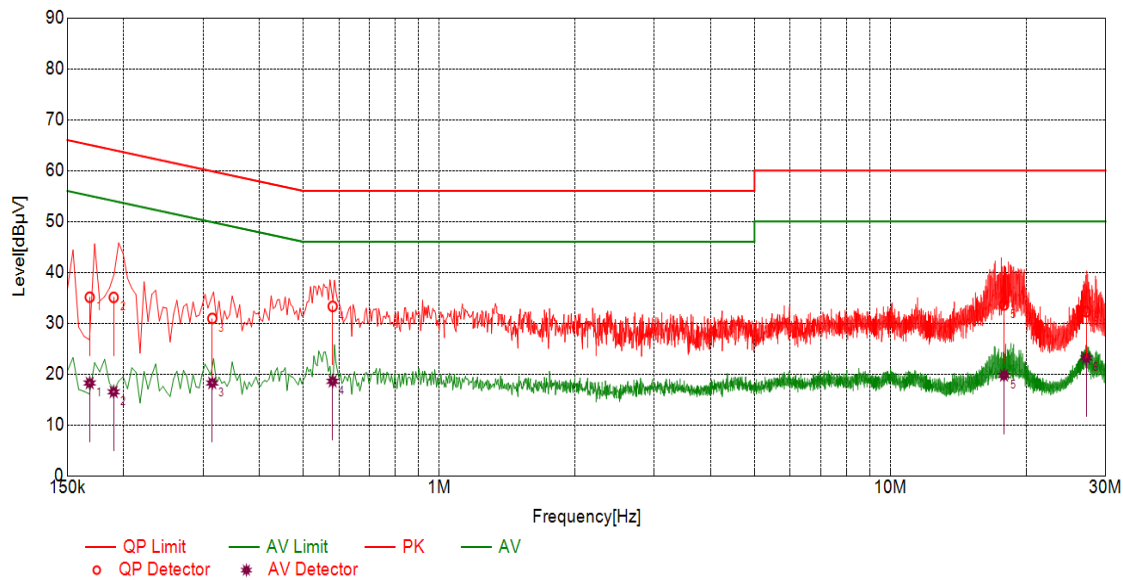


Measurement Data

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

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

Live Line:

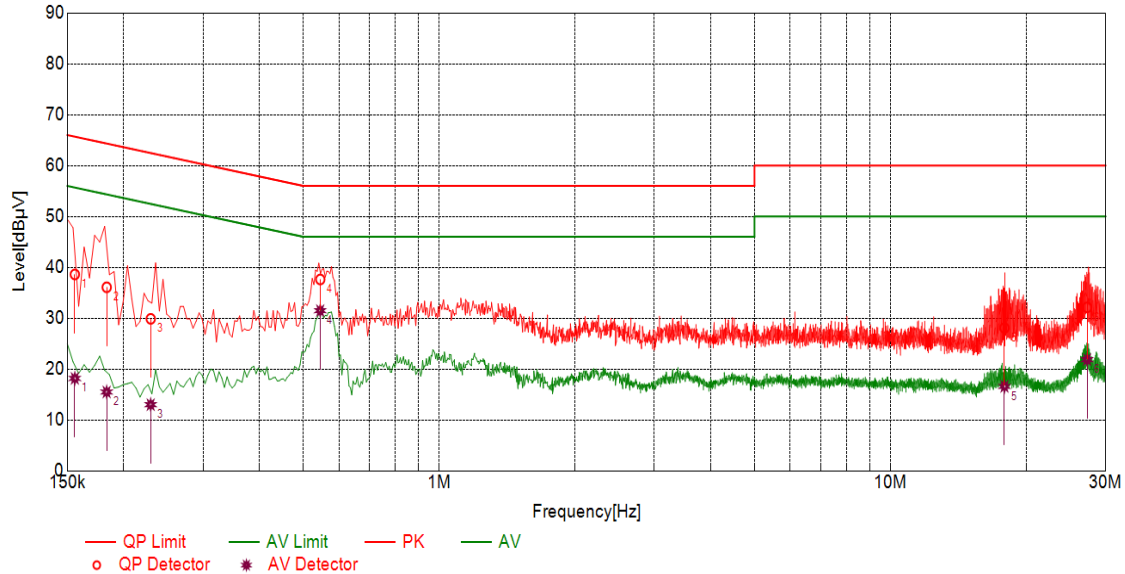


Test Graph

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1682	10.10	35.11	65.05	29.94	18.24	55.05	36.81	L
2	0.1901	10.10	35.07	64.03	28.96	16.50	54.03	37.53	L
3	0.3143	10.10	30.94	59.86	28.92	18.25	49.86	31.61	L
4	0.5810	10.10	33.30	56.00	22.70	18.59	46.00	27.41	L
5	17.8603	10.11	33.61	60.00	26.39	19.74	50.00	30.26	L
6	27.1678	10.11	32.26	60.00	27.74	23.17	50.00	26.83	L



Neutral Line:



Test Graph

Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1559	10.10	38.60	65.68	27.08	18.17	55.68	37.51	N
2	0.1834	10.10	36.08	64.33	28.25	15.49	54.33	38.84	N
3	0.2296	10.10	29.88	62.46	32.58	13.00	52.46	39.46	N
4	0.5453	10.10	37.62	56.00	18.38	31.48	46.00	14.52	N
5	17.8998	10.11	28.08	60.00	31.92	16.59	50.00	33.41	N
6	27.2840	10.11	32.13	60.00	27.87	21.86	50.00	28.14	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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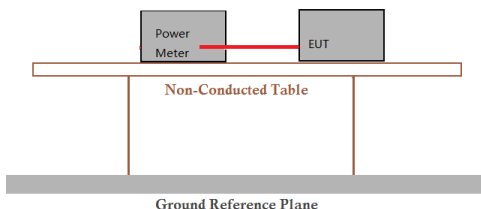
4.3 Duty Cycle

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(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	Not exceed 250mW(24dBm)
	5250-5350MHz	The lesser of 250mW(24dBm) or 11+ 10logB
	5470-5725MHz	The lesser of 250mW(24dBm) or 11+ 10logB
	5725-5850MHz	Not exceed 1W(30dBm)
	*Where B is the 26dB emission bandwidth in MHz	
Test Results:	Pass	

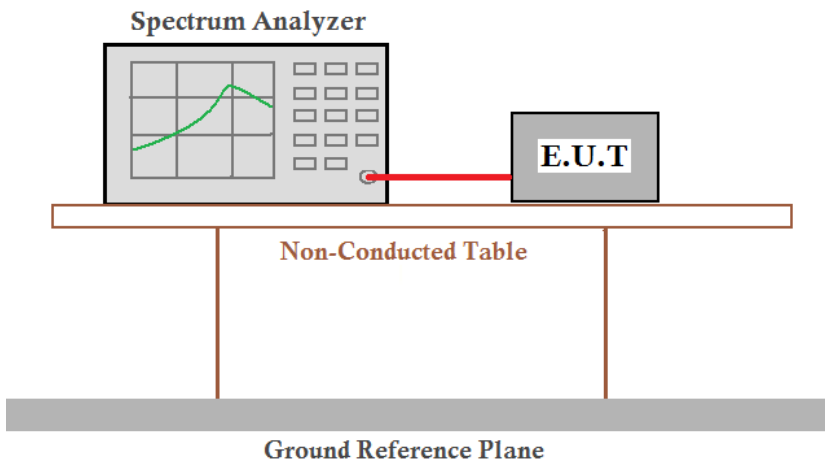
The detailed test data see: **Appendix**



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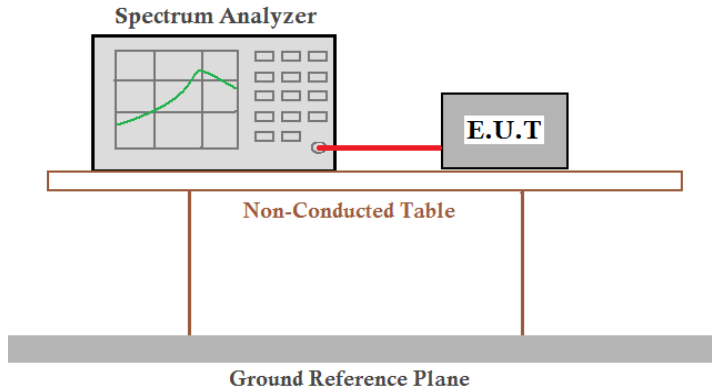
4.5 26dB Emission Bandwidth

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

The detailed test data see: **Appendix**



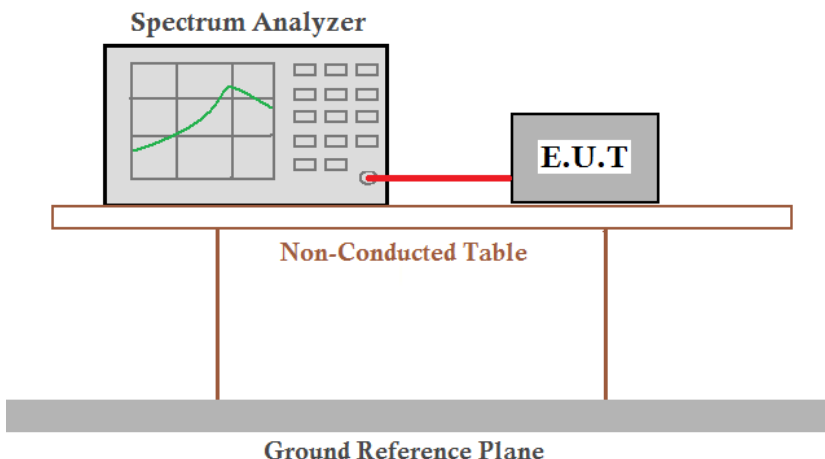
4.6 6dB Emission Bandwidth

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

The detailed test data see: **Appendix**



4.7 99% Occupied Bandwidth

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

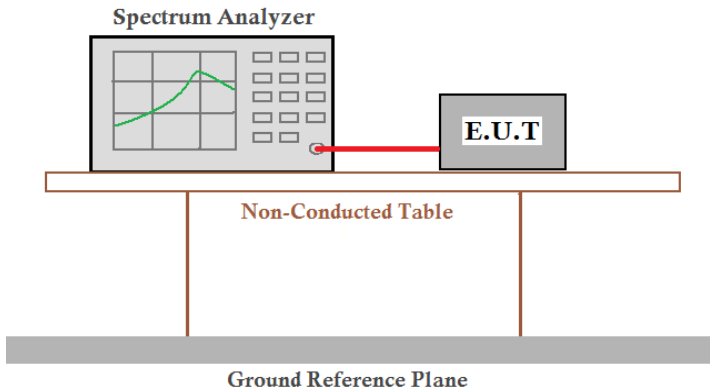
The detailed test data see: **Appendix**



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4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013 KDB 789033 D02 v02r01, Section F.	
Test Setup:		
Instruments Used:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	

The detailed test data see: **Appendix**



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4.9 Radiated Spurious Emissions

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

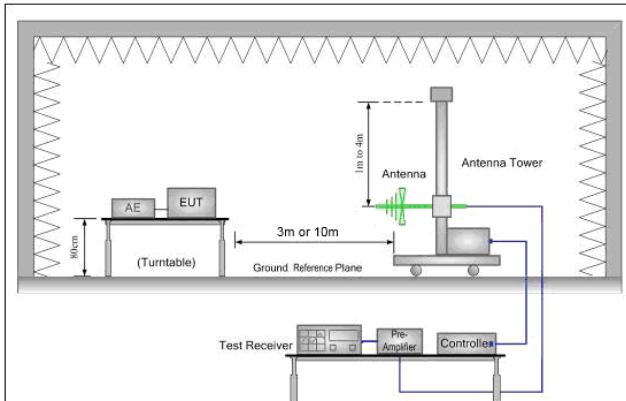


Figure 1. 30MHz to 1GHz

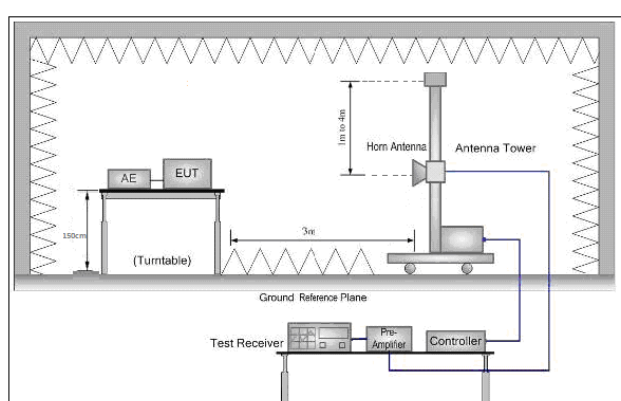


Figure 2. Above 1 GHz

Test Procedure:	- For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Test the EUT in the outermost channels. - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40);



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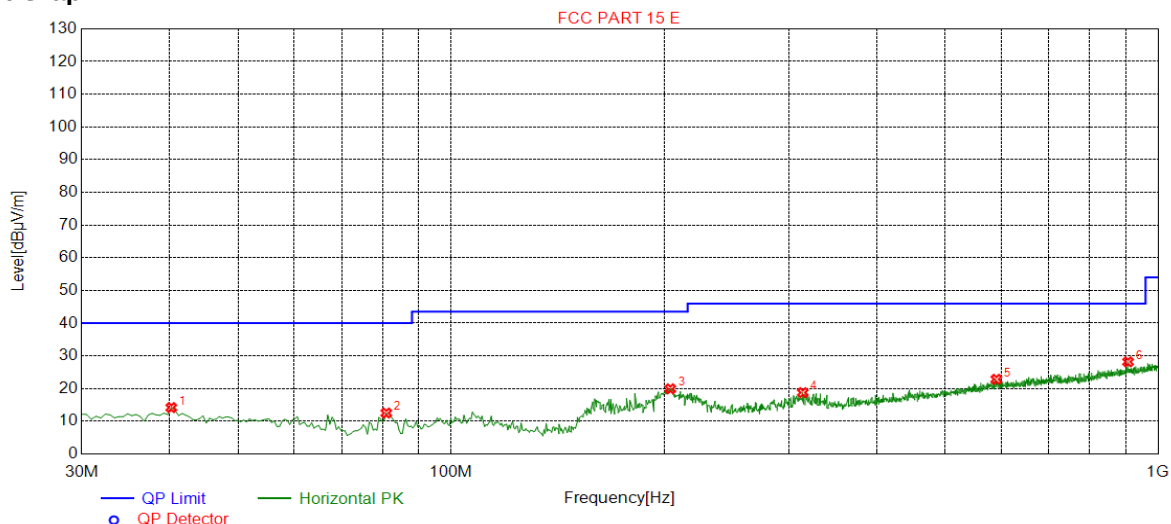
	MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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4.9.1 Radiated emission below 1GHz

Test Graph



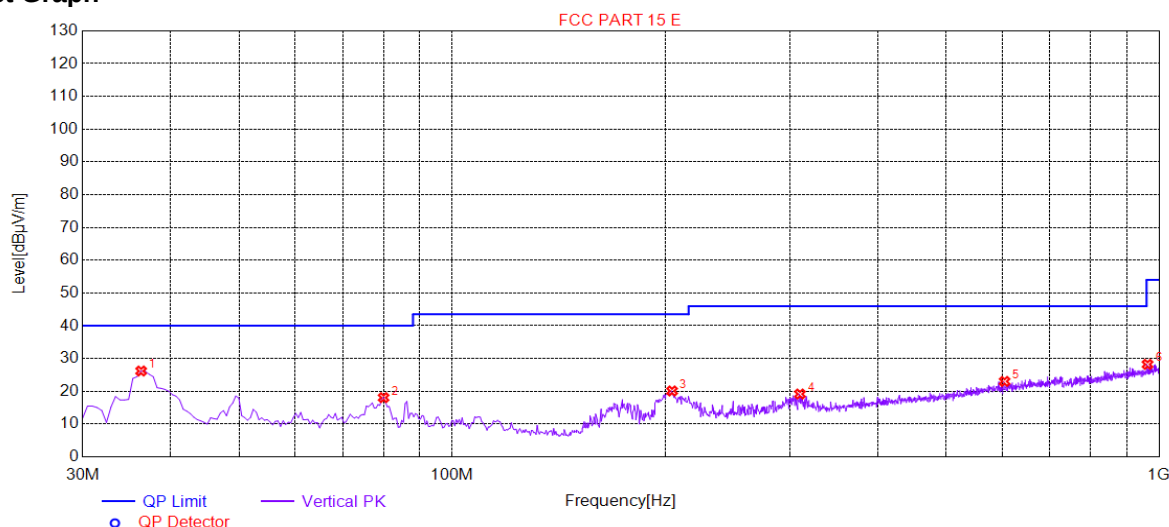
Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.1901	14.20	40.00	25.80	150	61	Horizontal
2	80.9505	12.54	40.00	27.46	150	87	Horizontal
3	204.2021	19.94	43.50	23.56	150	309	Horizontal
4	314.3522	18.79	46.00	27.21	150	339	Horizontal
5	590.4552	22.86	46.00	23.14	150	339	Horizontal
6	906.8334	28.18	46.00	17.82	150	31	Horizontal

Final Data List



Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	26.20	40.00	13.80	150	14	Vertical
2	79.9800	18.07	40.00	21.93	150	257	Vertical
3	204.6873	20.11	43.50	23.39	150	328	Vertical
4	310.4702	19.18	46.00	26.82	150	18	Vertical
5	604.5273	23.03	46.00	22.97	150	229	Vertical
6	963.1216	28.23	54.00	25.77	150	133	Vertical

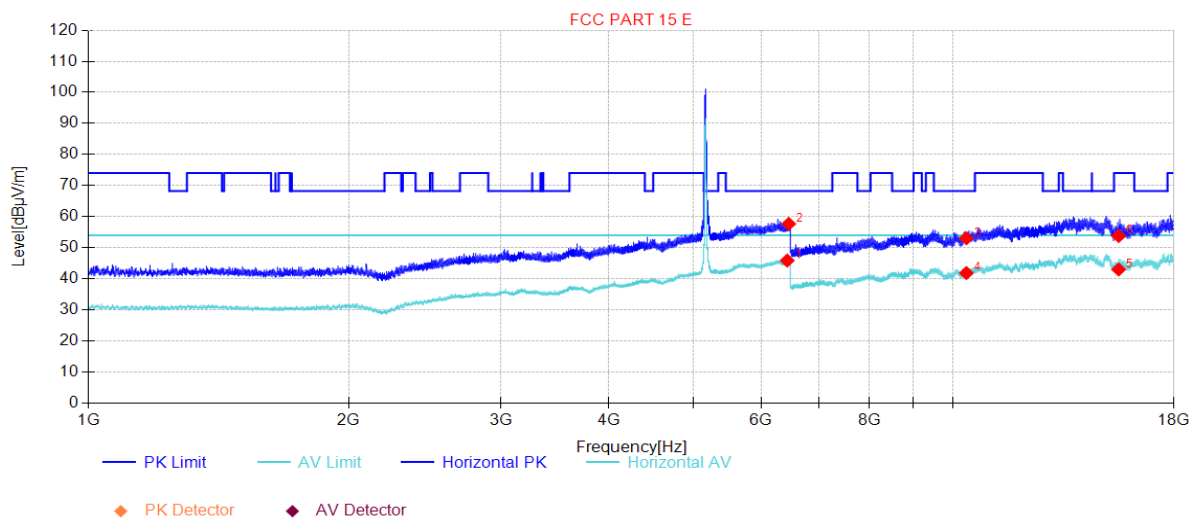
Final Data List



4.9.2 Transmitter emission above 1GHz 802.11A_Channel 36

4.9.2.1

Test Graph



Suspected List

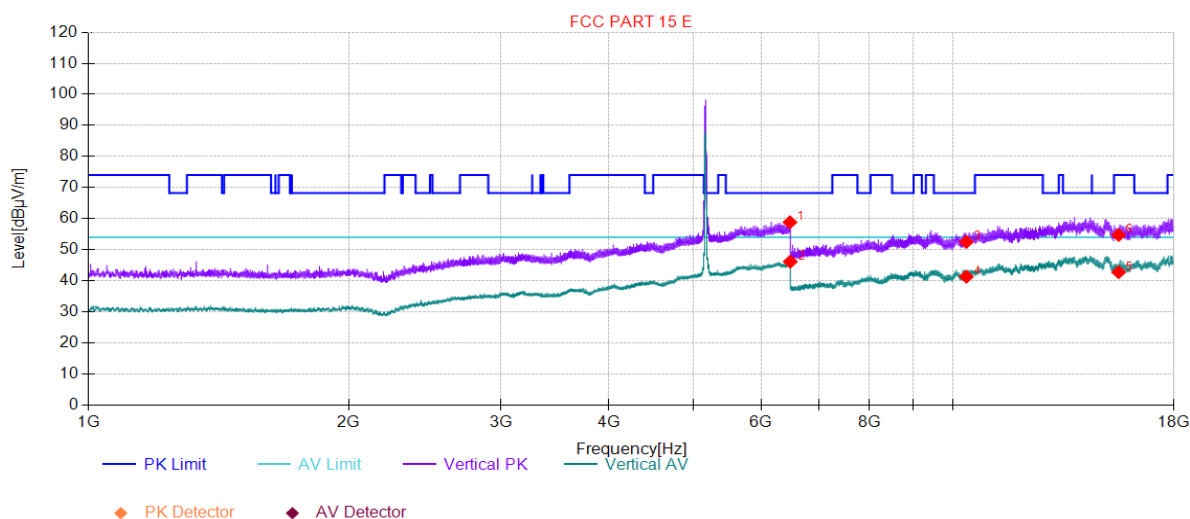
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6429.228	45.84	18.32	54.00	8.16	150	Horizontal
2	6454.530	57.65	18.46	68.20	10.55	150	Horizontal
3	10360.00	53.01	2.38	68.20	15.19	150	Horizontal
4	10360.00	41.83	2.38	54.00	12.17	150	Horizontal
5	15540.00	42.98	5.88	54.00	11.02	150	Horizontal
6	15540.00	53.74	5.88	74.00	20.26	150	Horizontal

Final Data List



4.9.2.2 802.11A_Channel 36

Test Graph



Suspected List

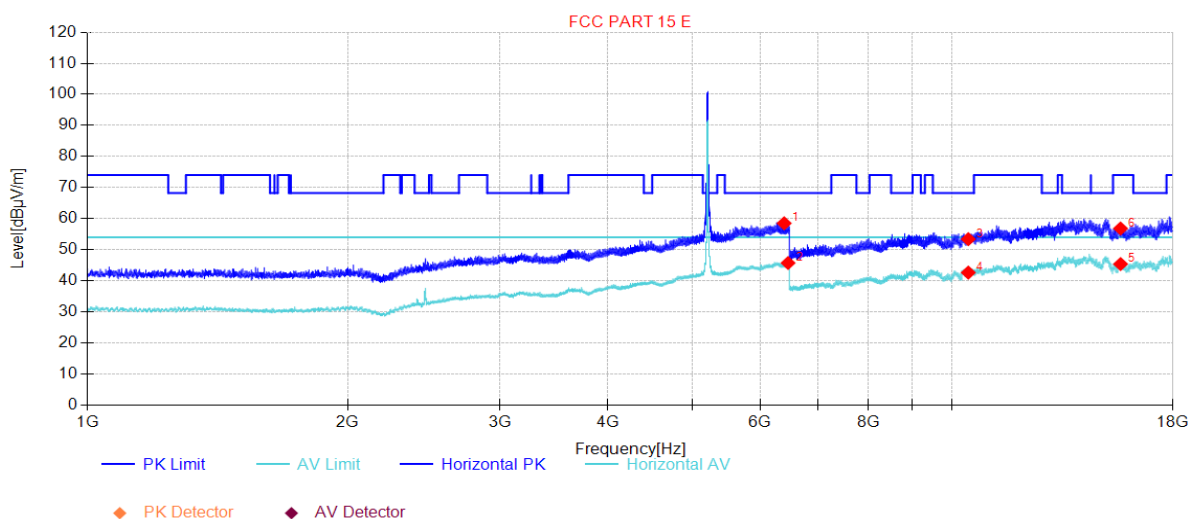
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6475.431	58.80	18.58	68.20	9.40	150	Vertical
2	6482.032	46.13	18.62	54.00	7.87	150	Vertical
3	10360.00	52.49	2.38	68.20	15.71	150	Vertical
4	10360.00	41.30	2.38	54.00	12.70	150	Vertical
5	15540.00	42.74	5.88	54.00	11.26	150	Vertical
6	15540.00	54.73	5.88	74.00	19.27	150	Vertical

Final Data List



4.9.2.3 802.11A_Channel 44

Test Graph



Suspected List

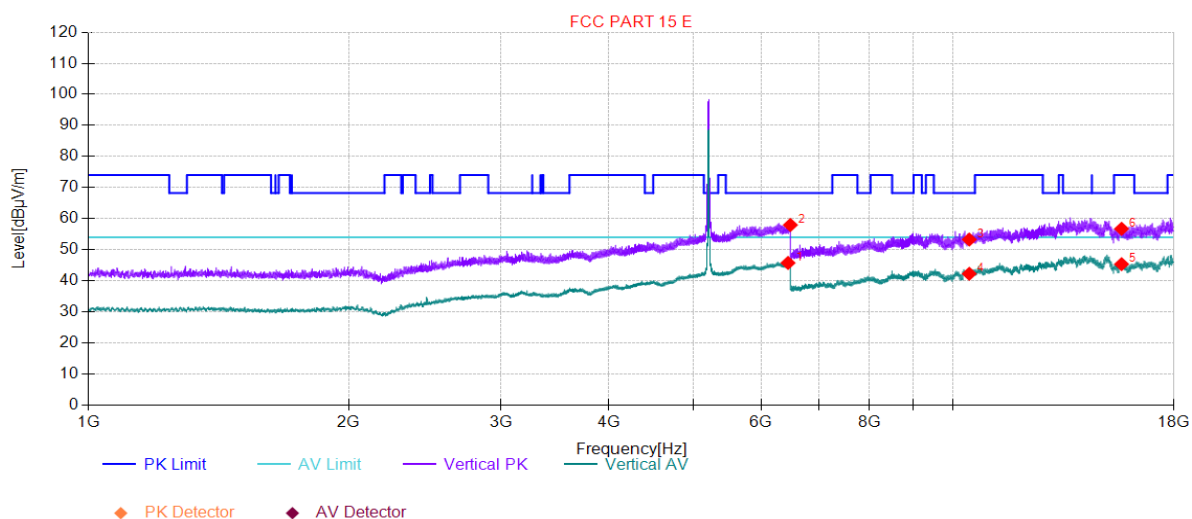
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6393.659	58.48	18.18	68.20	9.72	150	Horizontal
2	6460.764	45.70	18.50	54.00	8.30	150	Horizontal
3	10440.00	53.37	2.46	68.20	14.83	150	Horizontal
4	10440.00	42.61	2.46	54.00	11.39	150	Horizontal
5	15660.00	45.36	6.12	54.00	8.64	150	Horizontal
6	15660.00	56.81	6.12	74.00	17.19	150	Horizontal

Final Data List



4.9.2.4 802.11A_Channel 44

Test Graph



Suspected List

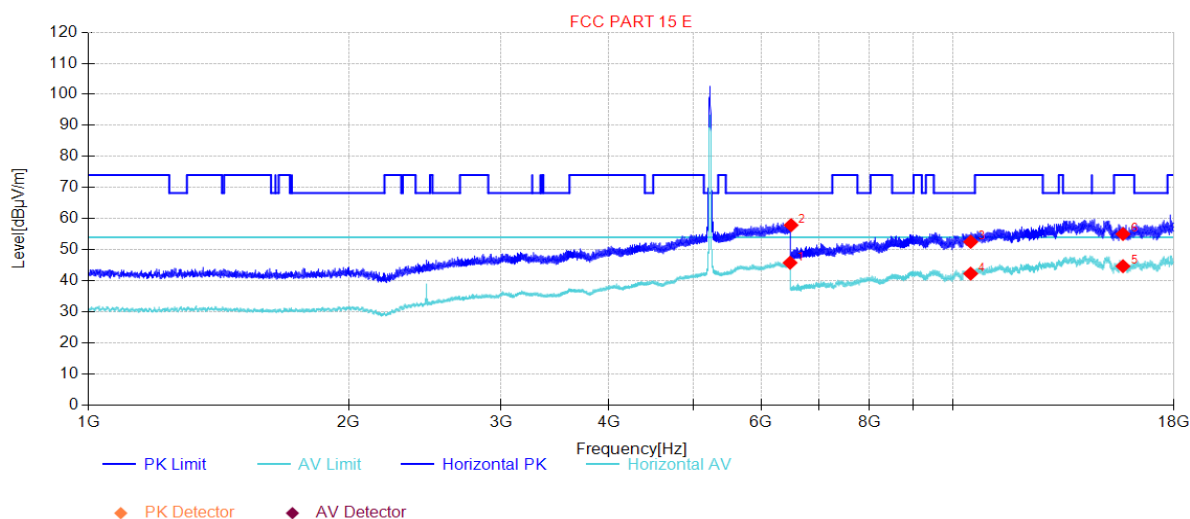
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6442.796	45.71	18.40	54.00	8.29	150	Vertical
2	6483.498	57.93	18.62	68.20	10.27	150	Vertical
3	10440.00	53.24	2.46	68.20	14.96	150	Vertical
4	10440.00	42.23	2.46	54.00	11.77	150	Vertical
5	15660.00	45.31	6.12	54.00	8.69	150	Vertical
6	15660.00	56.71	6.12	74.00	17.29	150	Vertical

Final Data List



4.9.2.5 802.11A_Channel 48

Test Graph



Suspected List

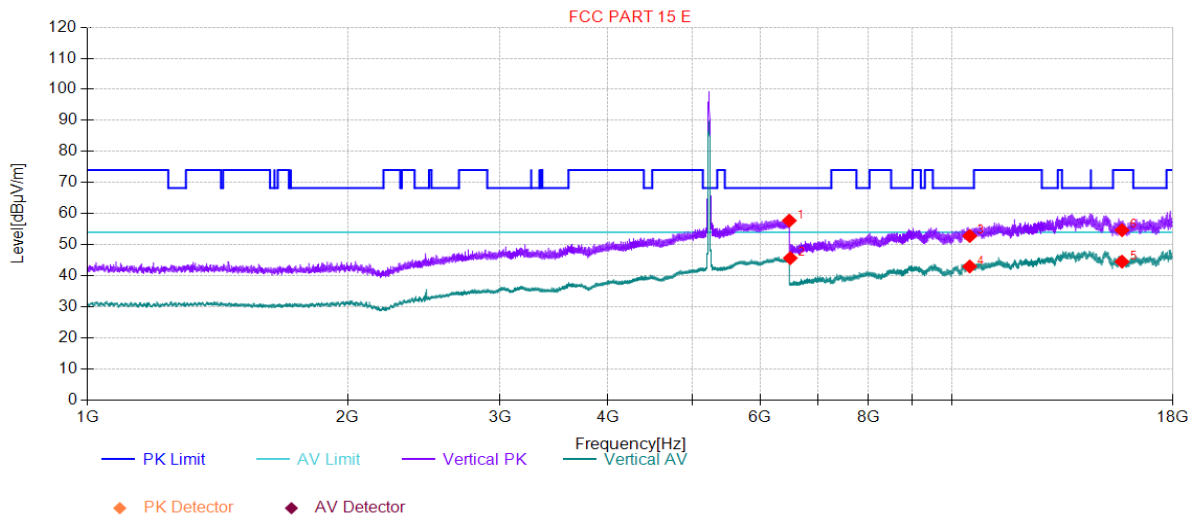
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6478.365	45.76	18.59	54.00	8.24	150	Horizontal
2	6496.333	57.89	18.69	68.20	10.31	150	Horizontal
3	10480.00	52.51	2.49	68.20	15.69	150	Horizontal
4	10480.00	42.27	2.49	54.00	11.73	150	Horizontal
5	15720.00	44.66	5.92	54.00	9.34	150	Horizontal
6	15720.00	55.02	5.92	74.00	18.98	150	Horizontal

Final Data List



4.9.2.6 802.11A_Channel 48

Test Graph



Suspected List

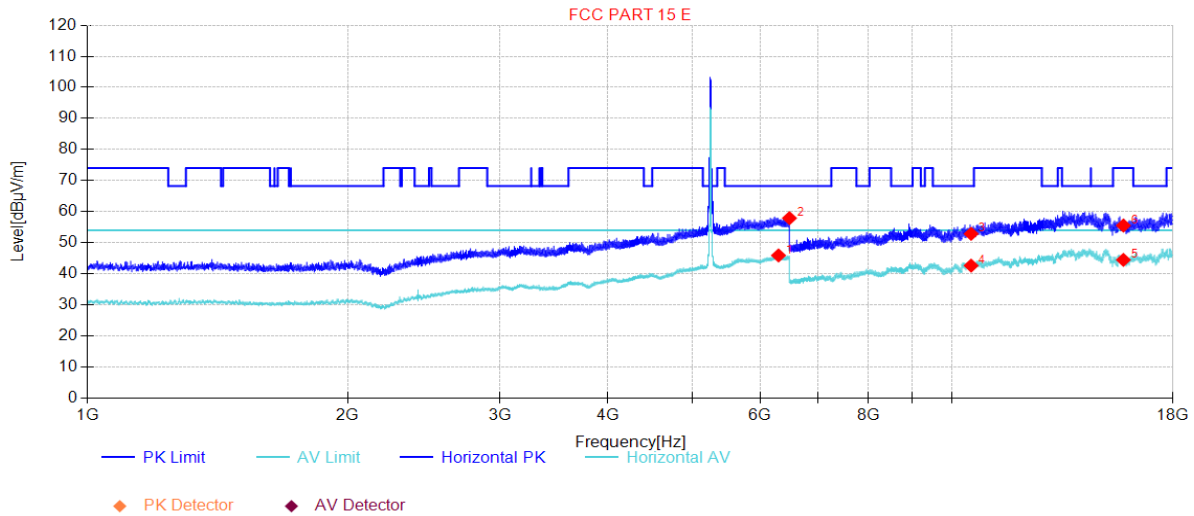
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6482.765	57.72	18.62	68.20	10.48	150	Vertical
2	6499.266	45.66	18.71	54.00	8.34	150	Vertical
3	10480.00	52.79	2.49	68.20	15.41	150	Vertical
4	10480.00	42.97	2.49	54.00	11.03	150	Vertical
5	15720.00	44.52	5.92	54.00	9.48	150	Vertical
6	15720.00	54.65	5.92	74.00	19.35	150	Vertical

Final Data List



4.9.2.7 802.11A_Channel 52

Test Graph



Suspected List

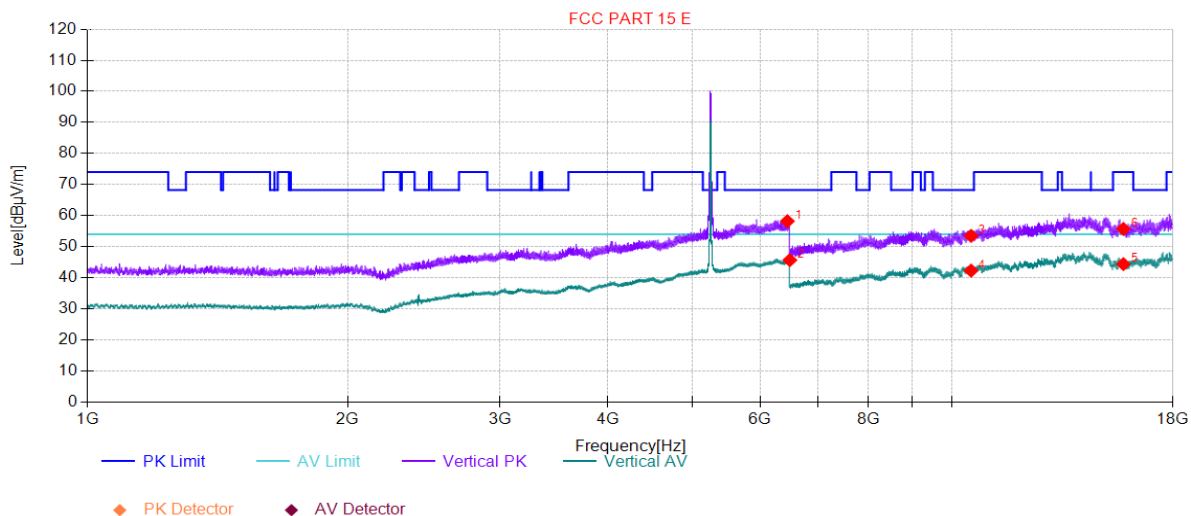
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6298.686	45.87	18.48	54.00	8.13	150	Horizontal
2	6485.332	57.88	18.63	68.20	10.32	150	Horizontal
3	10520.00	52.84	2.45	68.20	15.36	150	Horizontal
4	10520.00	42.59	2.45	54.00	11.41	150	Horizontal
5	15780.00	44.44	5.30	54.00	9.56	150	Horizontal
6	15780.00	55.51	5.30	74.00	18.49	150	Horizontal

Final Data List



4.9.2.8 802.11A_Channel 52

Test Graph



Suspected List

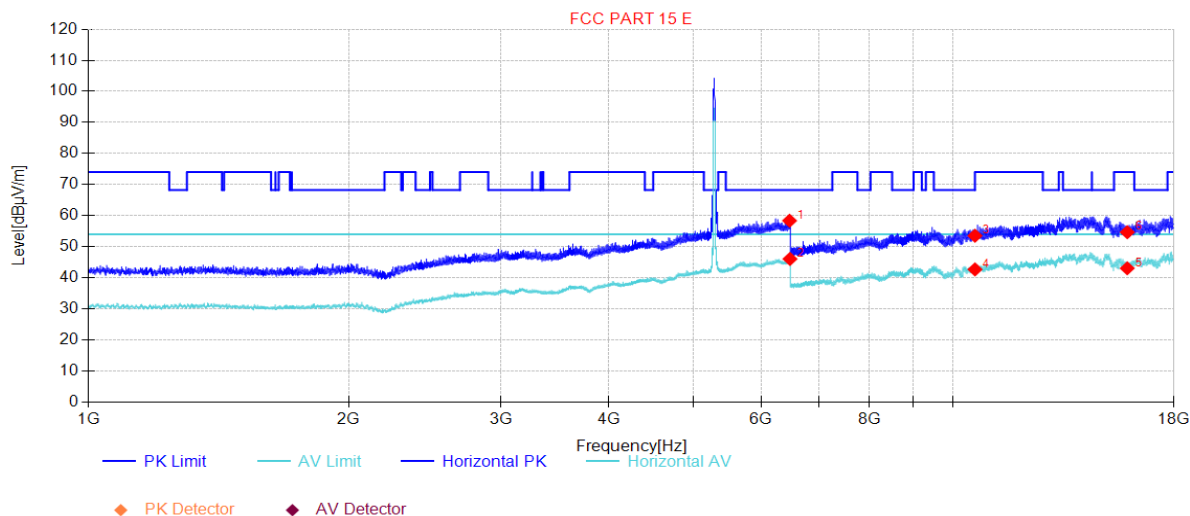
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6447.929	58.19	18.43	68.20	10.01	150	Vertical
2	6490.832	45.66	18.66	54.00	8.34	150	Vertical
3	10520.00	53.47	2.45	68.20	14.73	150	Vertical
4	10520.00	42.27	2.45	54.00	11.73	150	Vertical
5	15780.00	44.37	5.30	54.00	9.63	150	Vertical
6	15780.00	55.70	5.30	74.00	18.30	150	Vertical

Final Data List



4.9.2.9 802.11A_Channel 60

Test Graph



Suspected List

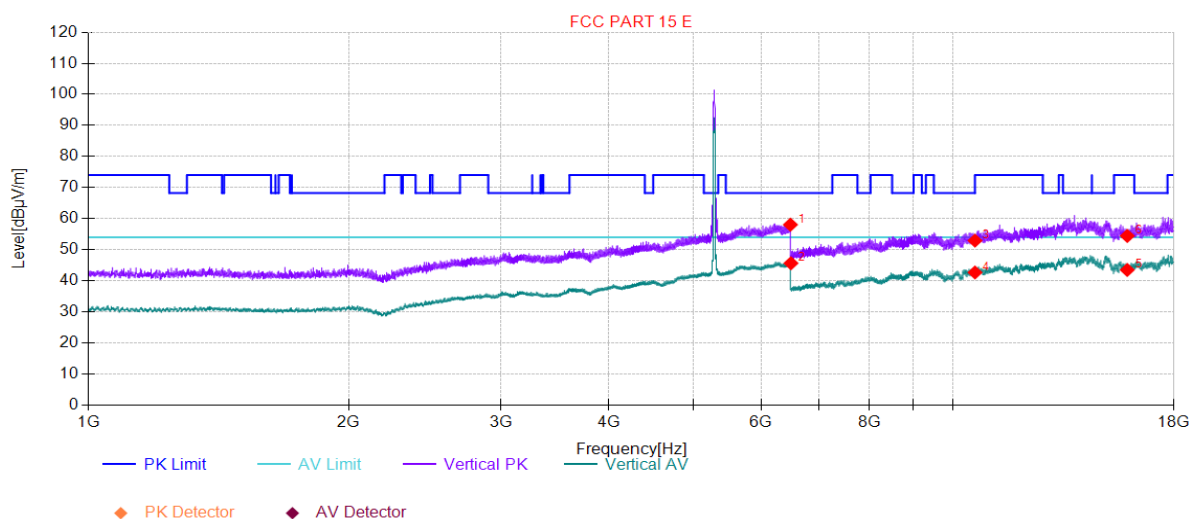
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6469.197	58.36	18.54	68.20	9.84	150	Horizontal
2	6476.531	46.03	18.58	54.00	7.97	150	Horizontal
3	10600.00	53.51	2.23	74.00	20.49	150	Horizontal
4	10600.00	42.67	2.23	54.00	11.33	150	Horizontal
5	15900.00	43.03	5.29	54.00	10.97	150	Horizontal
6	15900.00	54.65	5.29	74.00	19.35	150	Horizontal

Final Data List



4.9.2.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6484.965	58.03	18.63	68.20	10.17	150	Vertical
2	6494.132	45.62	18.68	54.00	8.38	150	Vertical
3	10600.00	52.90	2.23	74.00	21.10	150	Vertical
4	10600.00	42.65	2.23	54.00	11.35	150	Vertical
5	15900.00	43.46	5.29	54.00	10.54	150	Vertical
6	15900.00	54.41	5.29	74.00	19.59	150	Vertical

Final Data List



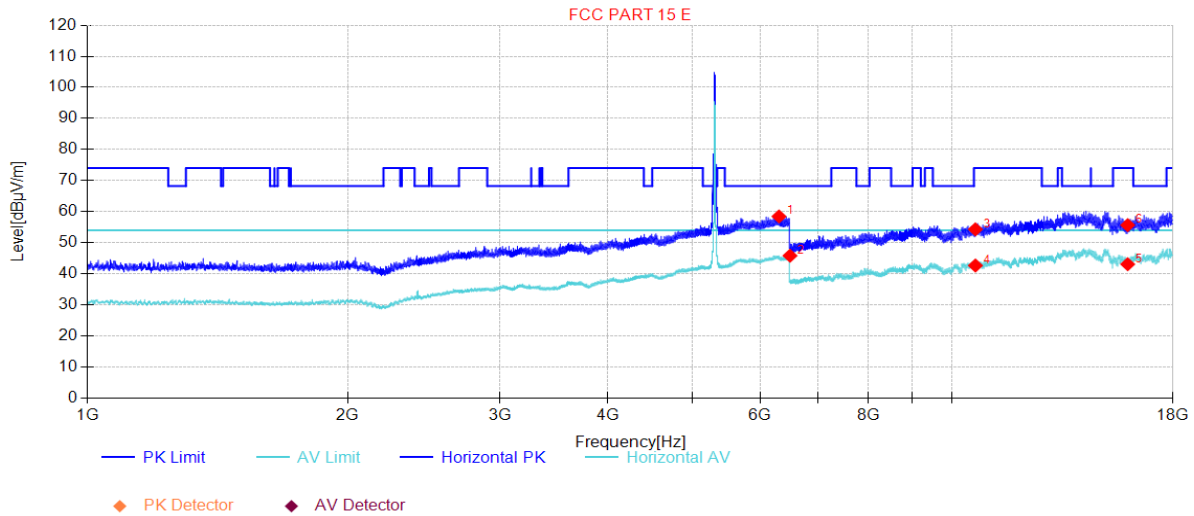
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4.9.2.11 802.11A_Channel 64

Test Graph



Suspected List

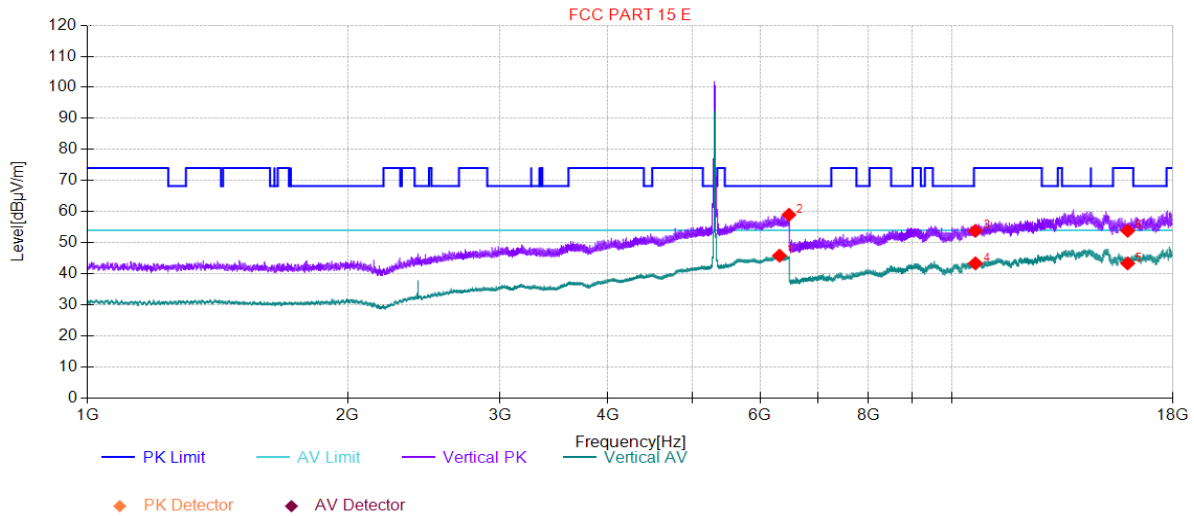
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6306.753	58.43	18.46	68.20	9.77	150	Horizontal
2	6494.132	45.78	18.68	54.00	8.22	150	Horizontal
3	10640.00	54.28	2.22	74.00	19.72	150	Horizontal
4	10640.00	42.63	2.22	54.00	11.37	150	Horizontal
5	15960.00	43.05	5.01	54.00	10.95	150	Horizontal
6	15960.00	55.63	5.01	74.00	18.37	150	Horizontal

Final Data List



4.9.2.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6314.454	45.80	18.44	54.00	8.20	150	Vertical
2	6476.531	58.98	18.58	68.20	9.22	150	Vertical
3	10640.00	53.80	2.22	74.00	20.20	150	Vertical
4	10640.00	43.33	2.22	54.00	10.67	150	Vertical
5	15960.00	43.31	5.01	54.00	10.69	150	Vertical
6	15960.00	53.82	5.01	74.00	20.18	150	Vertical

Final Data List



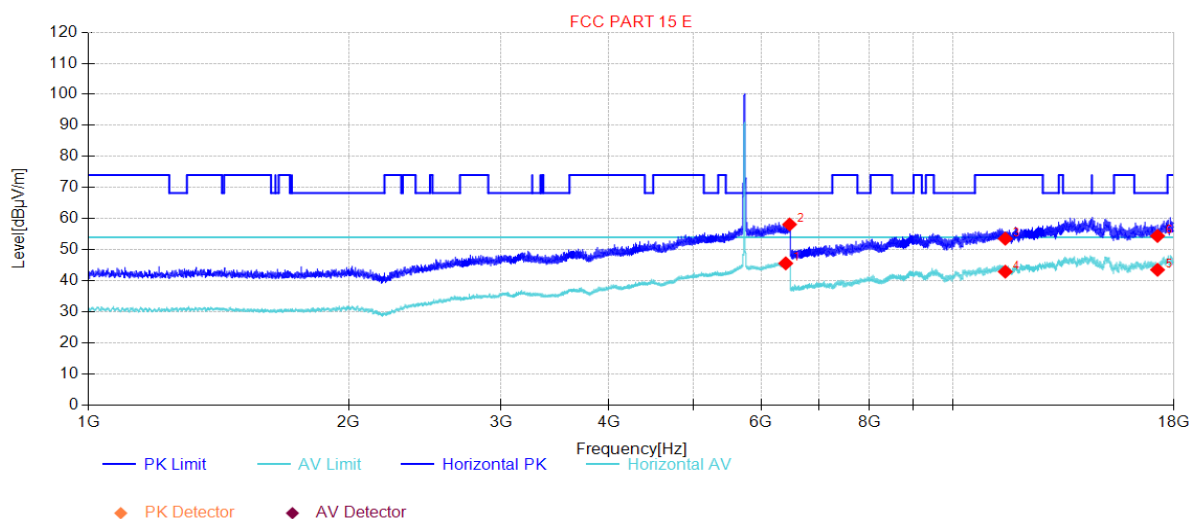
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4.9.2.13 802.11A_Channel 149

Test Graph



Suspected List

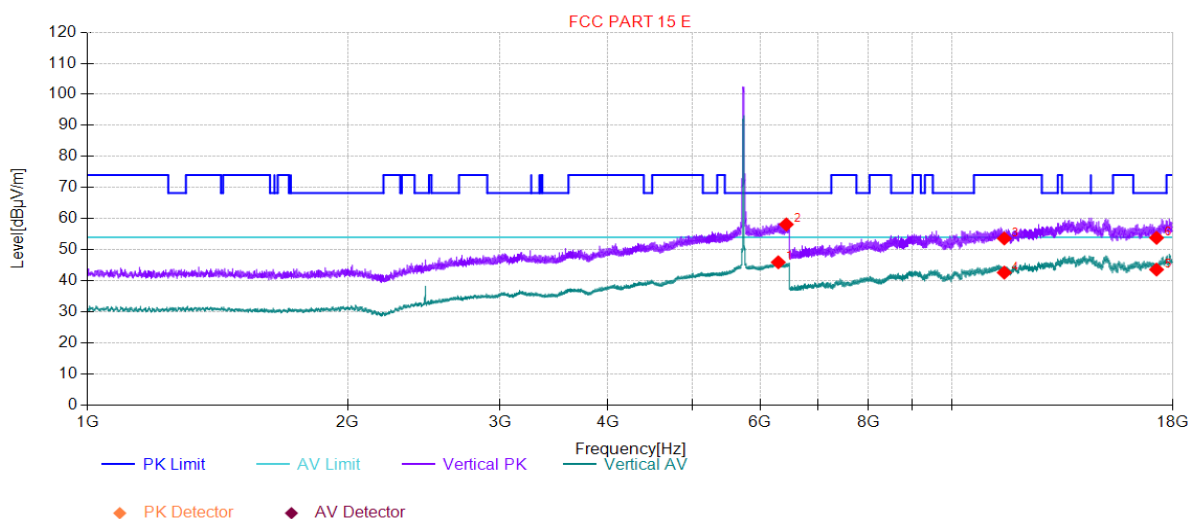
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6403.926	45.59	18.18	54.00	8.41	150	Horizontal
2	6469.931	58.12	18.55	68.20	10.08	150	Horizontal
3	11490.00	53.52	2.10	74.00	20.48	150	Horizontal
4	11490.00	42.90	2.10	54.00	11.10	150	Horizontal
5	17235.00	43.49	6.10	54.00	10.51	150	Horizontal
6	17235.00	54.40	6.10	68.20	13.80	150	Horizontal

Final Data List



4.9.2.14 802.11A_Channel 149

Test Graph



Suspected List

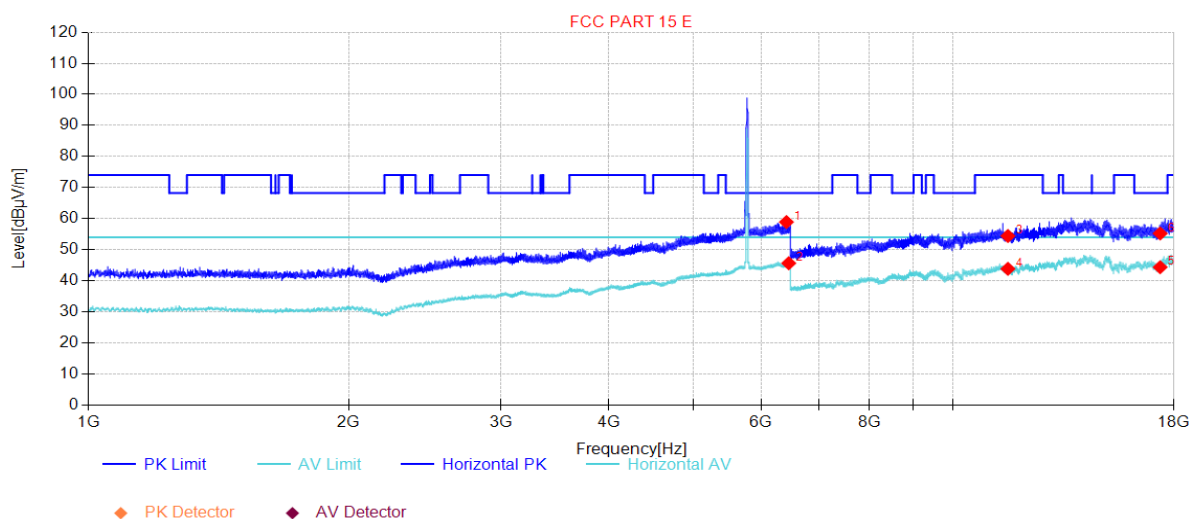
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6294.653	45.92	18.46	54.00	8.08	150	Vertical
2	6431.062	58.11	18.33	68.20	10.09	150	Vertical
3	11490.00	53.59	2.10	74.00	20.41	150	Vertical
4	11490.00	42.61	2.10	54.00	11.39	150	Vertical
5	17235.00	43.58	6.10	54.00	10.42	150	Vertical
6	17235.00	53.79	6.10	68.20	14.41	150	Vertical

Final Data List



4.9.2.15 802.11A_Channel 157

Test Graph



Suspected List

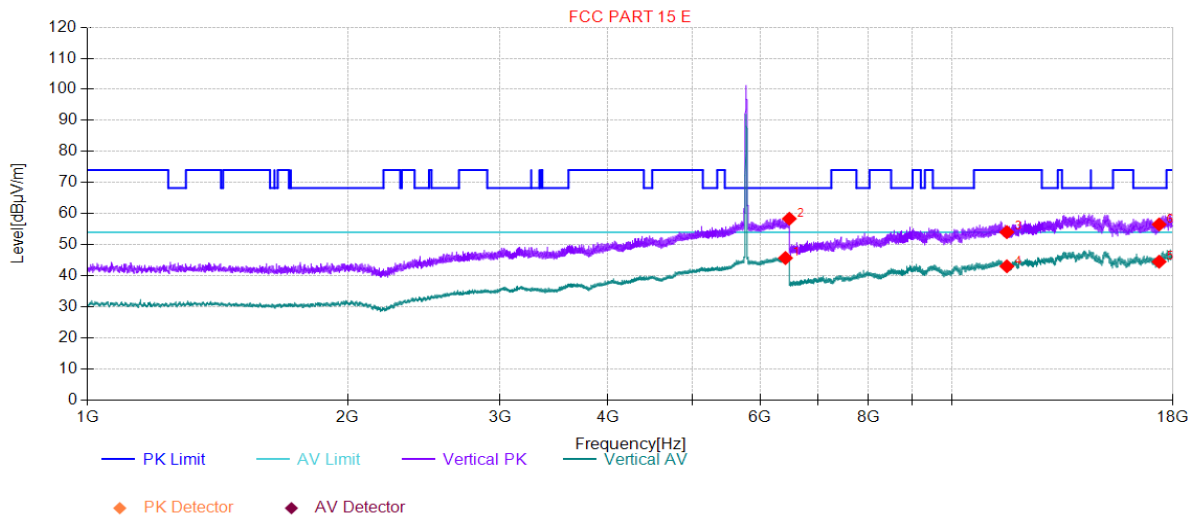
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6415.661	58.89	18.25	68.20	9.31	150	Horizontal
2	6455.997	45.62	18.47	54.00	8.38	150	Horizontal
3	11570.00	54.39	2.92	74.00	19.61	150	Horizontal
4	11570.00	43.82	2.92	54.00	10.18	150	Horizontal
5	17355.00	44.34	6.75	54.00	9.66	150	Horizontal
6	17355.00	55.20	6.75	68.20	13.00	150	Horizontal

Final Data List



4.9.2.16 802.11A_Channel 157

Test Graph



Suspected List

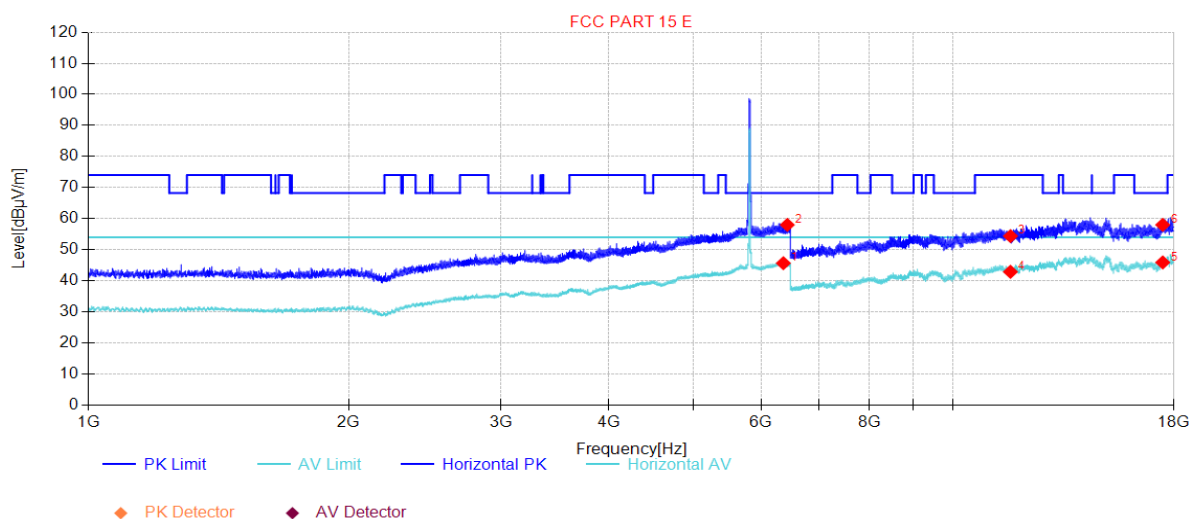
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6416.027	45.68	18.25	54.00	8.32	150	Vertical
2	6482.765	58.34	18.62	68.20	9.86	150	Vertical
3	11570.00	54.02	2.92	74.00	19.98	150	Vertical
4	11570.00	43.02	2.92	54.00	10.98	150	Vertical
5	17355.00	44.50	6.75	54.00	9.50	150	Vertical
6	17355.00	56.50	6.75	68.20	11.70	150	Vertical

Final Data List



4.9.2.17 802.11A_Channel 165

Test Graph



Suspected List

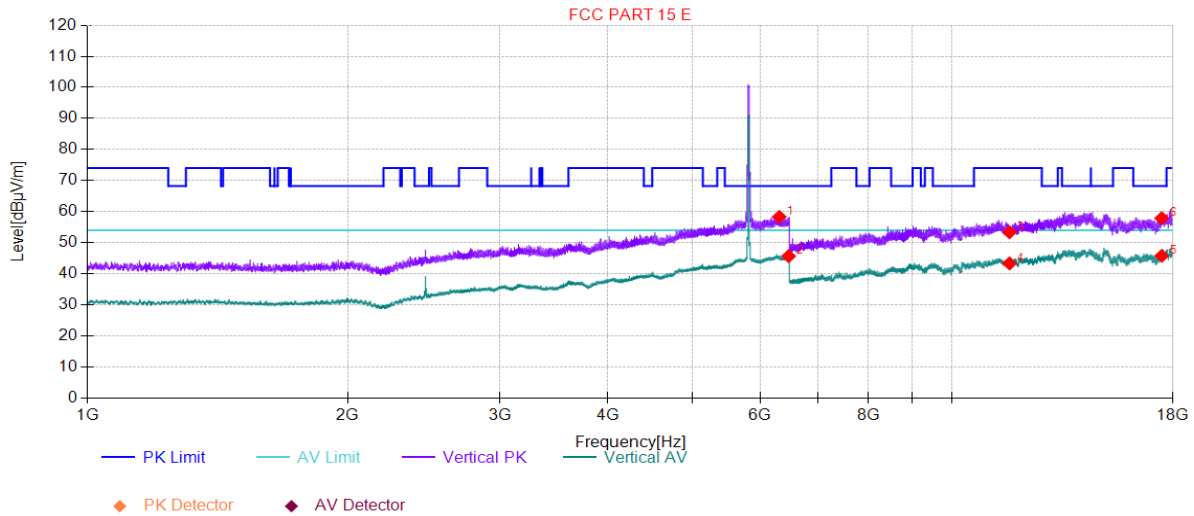
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6362.857	45.63	18.28	54.00	8.37	150	Horizontal
2	6430.695	57.97	18.33	68.20	10.23	150	Horizontal
3	11650.00	54.35	2.58	74.00	19.65	150	Horizontal
4	11650.00	42.86	2.58	54.00	11.14	150	Horizontal
5	17475.00	45.87	7.42	54.00	8.13	150	Horizontal
6	17475.00	57.98	7.42	68.20	10.22	150	Horizontal

Final Data List



4.9.2.18 802.11A_Channel 165

Test Graph



Suspected List

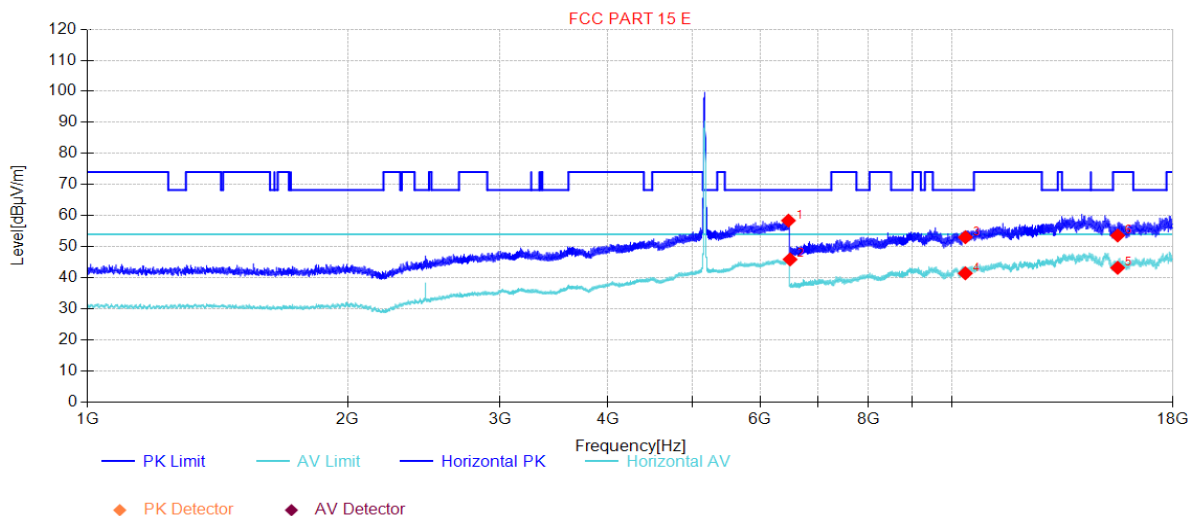
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6311.154	58.29	18.45	68.20	9.91	150	Vertical
2	6470.664	45.64	18.55	54.00	8.36	150	Vertical
3	11650.00	53.34	2.58	74.00	20.66	150	Vertical
4	11650.00	43.31	2.58	54.00	10.69	150	Vertical
5	17475.00	45.73	7.42	54.00	8.27	150	Vertical
6	17475.00	57.88	7.42	68.20	10.32	150	Vertical

Final Data List



4.9.2.19 802.11N20_Channel 36

Test Graph



Suspected List

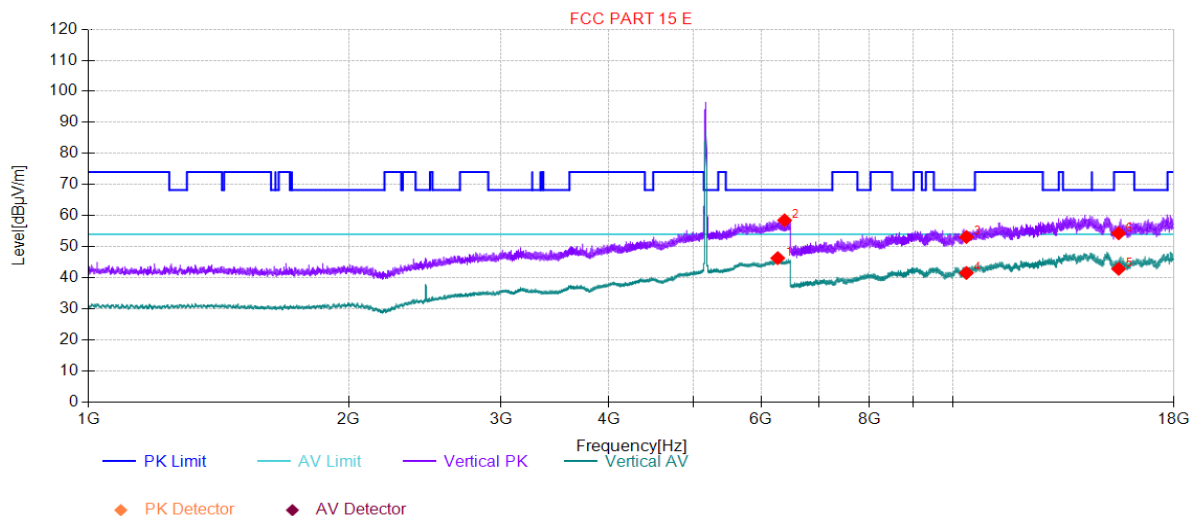
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6467.731	58.38	18.54	68.20	9.82	150	Horizontal
2	6495.233	45.88	18.69	54.00	8.12	150	Horizontal
3	10360.00	53.03	2.38	68.20	15.17	150	Horizontal
4	10360.00	41.41	2.38	54.00	12.59	150	Horizontal
5	15540.00	43.18	5.88	54.00	10.82	150	Horizontal
6	15540.00	53.57	5.88	74.00	20.43	150	Horizontal

Final Data List



4.9.2.20 802.11N20_Channel 36

Test Graph



Suspected List

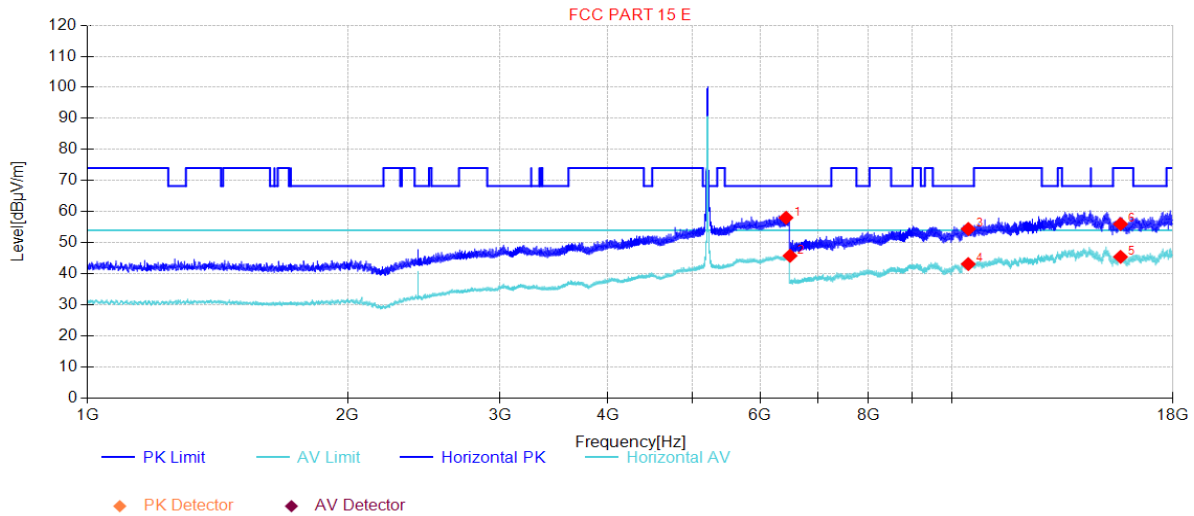
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6268.251	46.30	18.33	54.00	7.70	150	Vertical
2	6384.492	58.47	18.21	68.20	9.73	150	Vertical
3	10360.00	53.11	2.38	68.20	15.09	150	Vertical
4	10360.00	41.52	2.38	54.00	12.48	150	Vertical
5	15540.00	42.83	5.88	54.00	11.17	150	Vertical
6	15540.00	54.30	5.88	74.00	19.70	150	Vertical

Final Data List



4.9.2.21 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6425.561	58.00	18.30	68.20	10.20	150	Horizontal
2	6494.499	45.76	18.68	54.00	8.24	150	Horizontal
3	10440.00	54.40	2.46	68.20	13.80	150	Horizontal
4	10440.00	43.10	2.46	54.00	10.90	150	Horizontal
5	15660.00	45.42	6.12	54.00	8.58	150	Horizontal
6	15660.00	55.98	6.12	74.00	18.02	150	Horizontal

Final Data List



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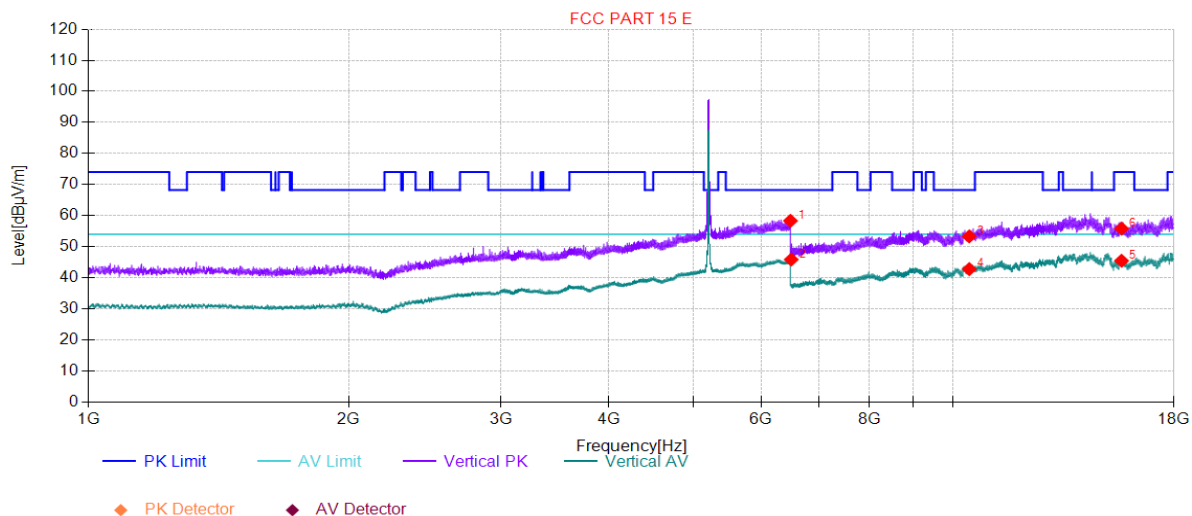
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4.9.2.22 802.11N20_Channel 44

Test Graph



Suspected List

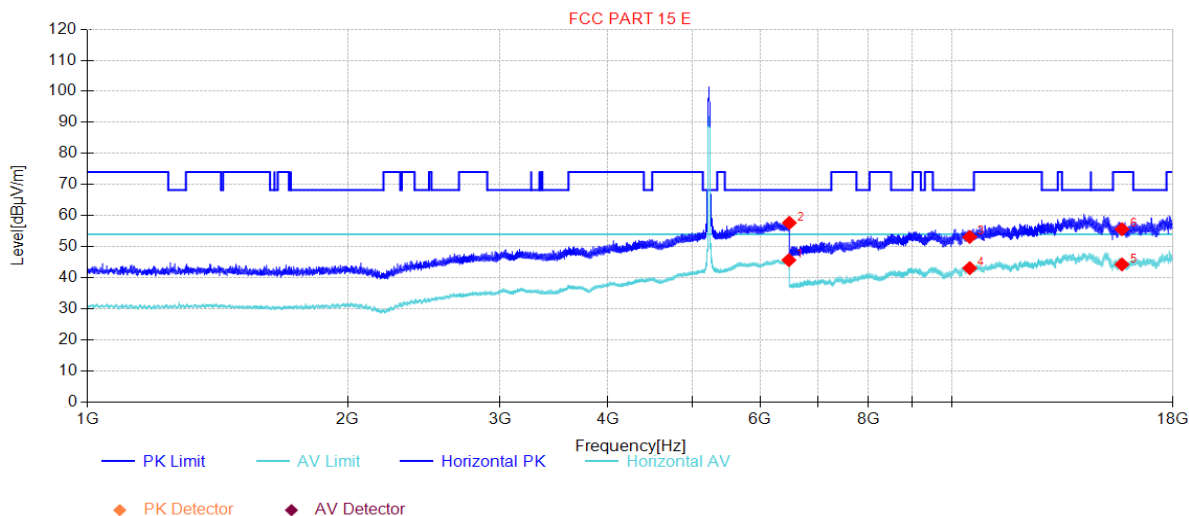
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6484.965	58.32	18.63	68.20	9.88	150	Vertical
2	6498.533	45.85	18.71	54.00	8.15	150	Vertical
3	10440.00	53.31	2.46	68.20	14.89	150	Vertical
4	10440.00	42.77	2.46	54.00	11.23	150	Vertical
5	15660.00	45.46	6.12	54.00	8.54	150	Vertical
6	15660.00	55.80	6.12	74.00	18.20	150	Vertical

Final Data List



4.9.2.23 802.11N20_Channel 48

Test Graph



Suspected List

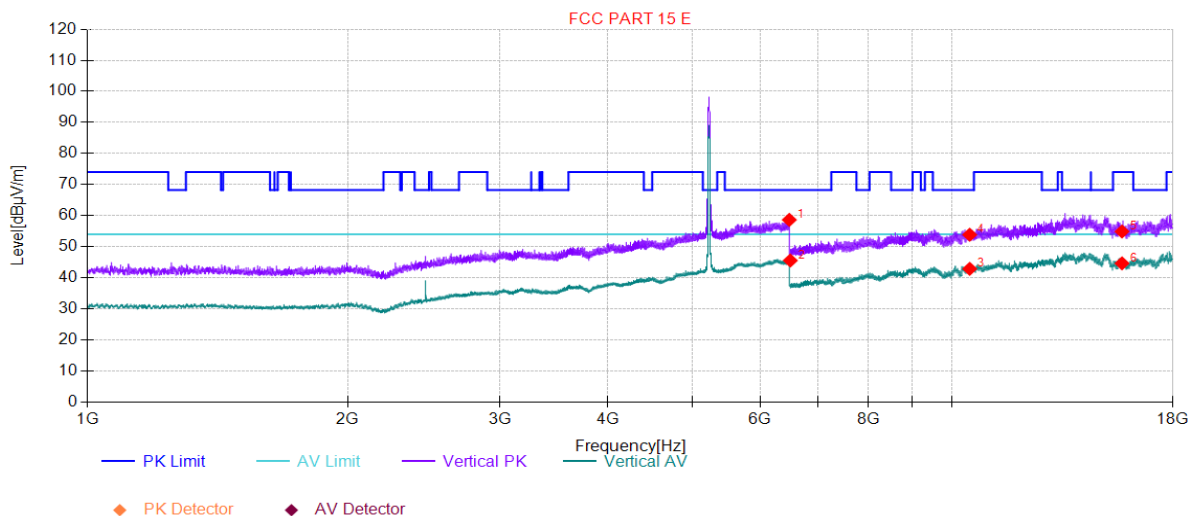
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6475.065	45.66	18.58	54.00	8.34	150	Horizontal
2	6484.232	57.66	18.63	68.20	10.54	150	Horizontal
3	10480.00	53.11	2.49	68.20	15.09	150	Horizontal
4	10480.00	43.07	2.49	54.00	10.93	150	Horizontal
5	15720.00	44.27	5.92	54.00	9.73	150	Horizontal
6	15720.00	55.62	5.92	74.00	18.38	150	Horizontal

Final Data List



4.9.2.24 802.11N20_Channel 48

Test Graph



Suspected List

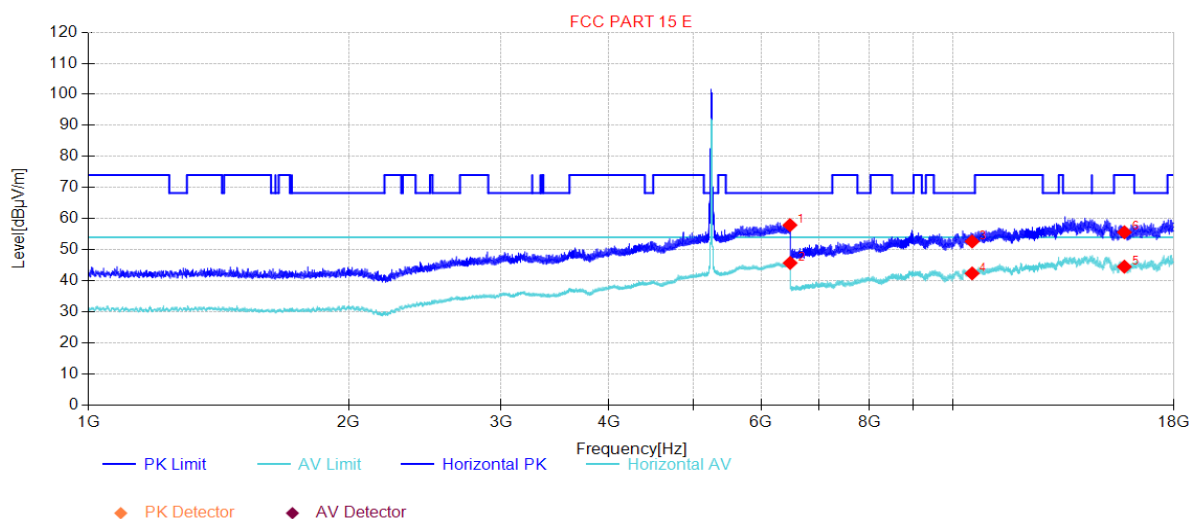
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6483.132	58.62	18.62	68.20	9.58	150	Vertical
2	6500.000	45.53	18.72	54.00	8.47	150	Vertical
3	10480.00	42.85	2.49	54.00	11.15	150	Vertical
4	10480.00	53.83	2.49	68.20	14.37	150	Vertical
5	15720.00	54.87	5.92	74.00	19.13	150	Vertical
6	15720.00	44.61	5.92	54.00	9.39	150	Vertical

Final Data List



4.9.2.25 802.11N20_Channel 52

Test Graph



Suspected List

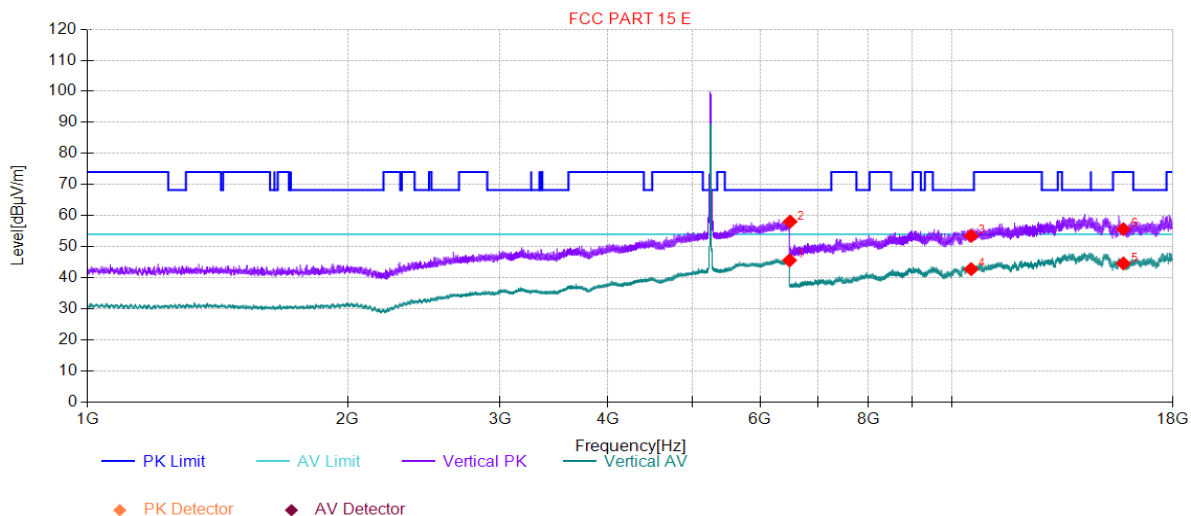
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6476.898	57.89	18.59	68.20	10.31	150	Horizontal
2	6479.465	45.71	18.60	54.00	8.29	150	Horizontal
3	10520.00	52.62	2.45	68.20	15.58	150	Horizontal
4	10520.00	42.34	2.45	54.00	11.66	150	Horizontal
5	15780.00	44.51	5.30	54.00	9.49	150	Horizontal
6	15780.00	55.59	5.30	74.00	18.41	150	Horizontal

Final Data List



4.9.2.26 802.11N20_Channel 52

Test Graph



Suspected List

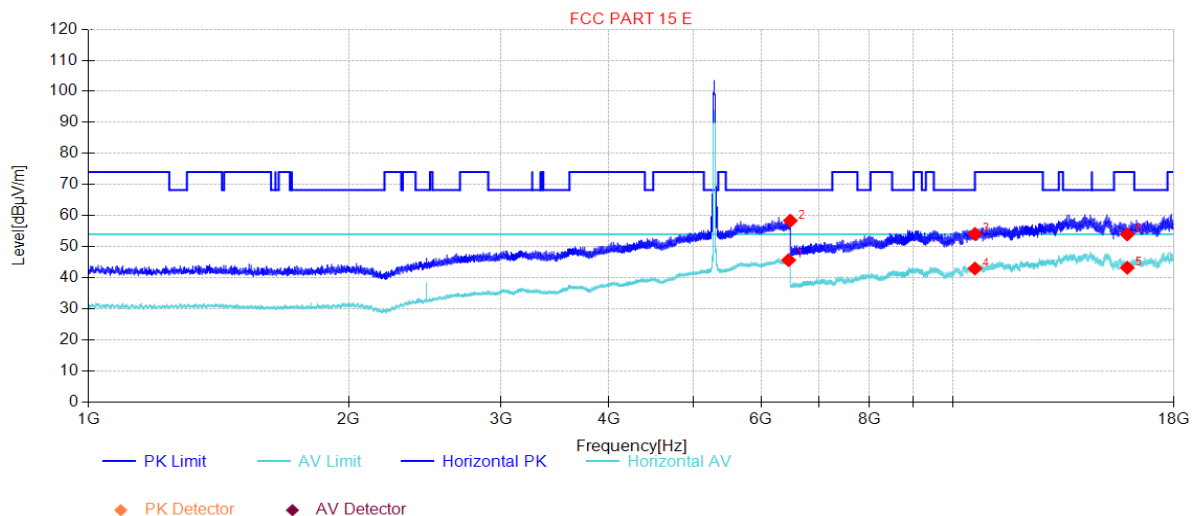
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6486.799	45.59	18.64	54.00	8.41	150	Vertical
2	6495.966	58.03	18.69	68.20	10.17	150	Vertical
3	10520.00	53.45	2.45	68.20	14.75	150	Vertical
4	10520.00	42.76	2.45	54.00	11.24	150	Vertical
5	15780.00	44.58	5.30	54.00	9.42	150	Vertical
6	15780.00	55.65	5.30	74.00	18.35	150	Vertical

Final Data List



4.9.2.27 802.11N20_Channel 60

Test Graph



Suspected List

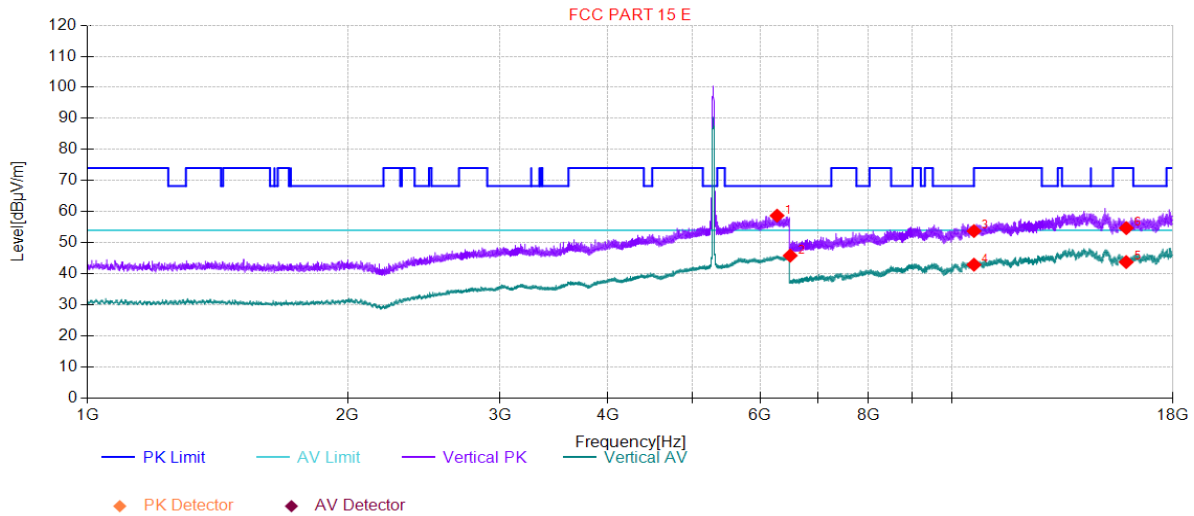
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6452.696	45.66	18.45	54.00	8.34	150	Horizontal
2	6482.765	58.36	18.62	68.20	9.84	150	Horizontal
3	10600.00	54.12	2.23	74.00	19.88	150	Horizontal
4	10600.00	42.96	2.23	54.00	11.04	150	Horizontal
5	15900.00	43.20	5.29	54.00	10.80	150	Horizontal
6	15900.00	53.92	5.29	74.00	20.08	150	Horizontal

Final Data List



4.9.2.28 802.11N20_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6274.118	58.69	18.36	68.20	9.51	150	Vertical
2	6498.166	45.82	18.70	54.00	8.18	150	Vertical
3	10600.00	53.73	2.23	74.00	20.27	150	Vertical
4	10600.00	42.90	2.23	54.00	11.10	150	Vertical
5	15900.00	43.74	5.29	54.00	10.26	150	Vertical
6	15900.00	54.68	5.29	74.00	19.32	150	Vertical

Final Data List



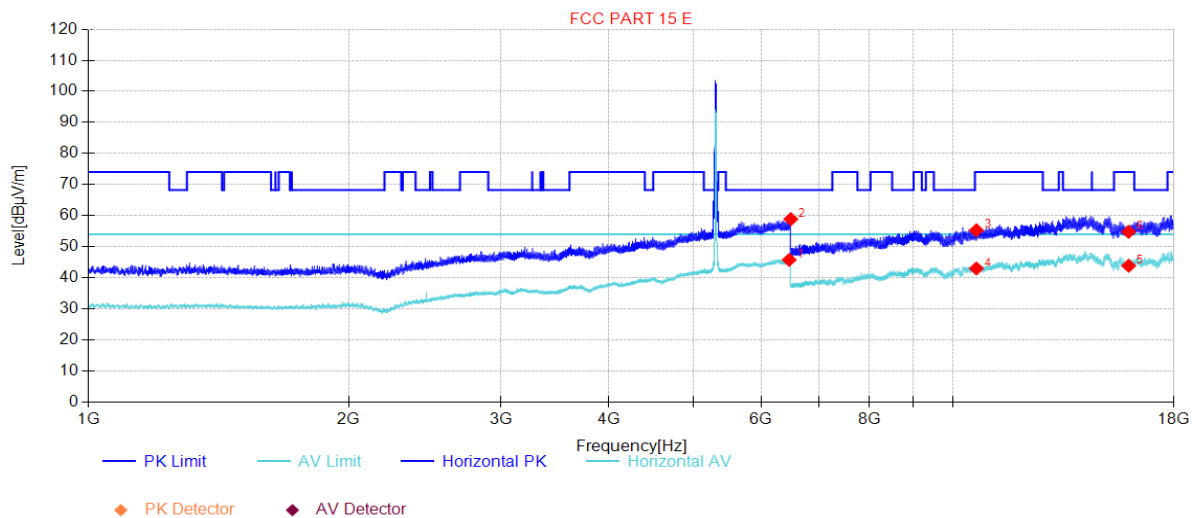
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Shenzhen Branch

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4.9.2.29 802.11N20_Channel 64

Test Graph



Suspected List

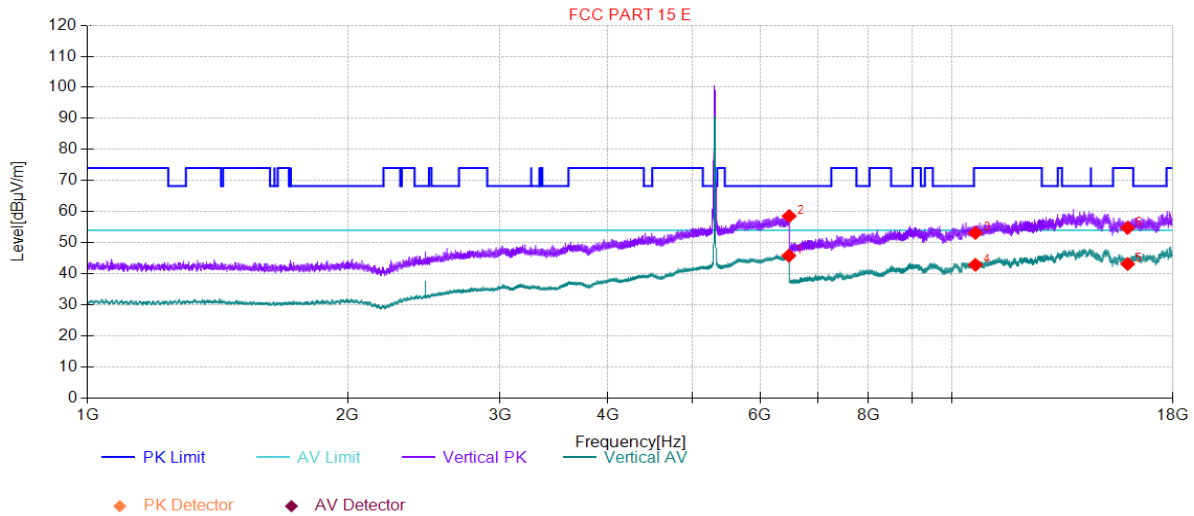
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6463.697	45.74	18.51	54.00	8.26	150	Horizontal
2	6491.566	58.85	18.67	68.20	9.35	150	Horizontal
3	10640.00	55.28	2.22	74.00	18.72	150	Horizontal
4	10640.00	42.96	2.22	54.00	11.04	150	Horizontal
5	15960.00	43.83	5.01	54.00	10.17	150	Horizontal
6	15960.00	54.78	5.01	74.00	19.22	150	Horizontal

Final Data List



4.9.2.30 802.11N20_Channel 64

Test Graph



Suspected List

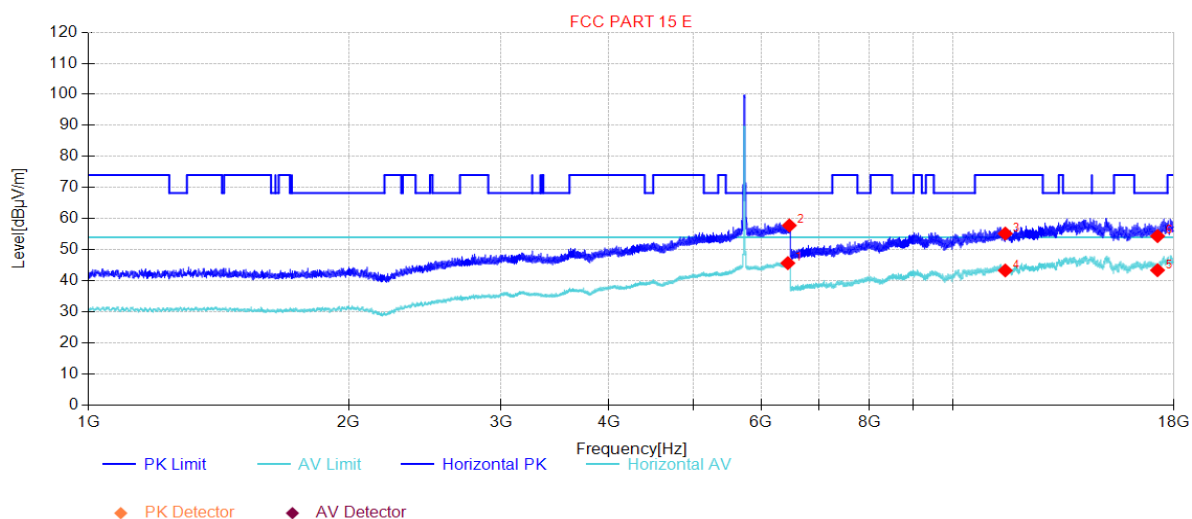
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6475.065	45.80	18.58	54.00	8.20	150	Vertical
2	6479.832	58.54	18.60	68.20	9.66	150	Vertical
3	10640.00	53.13	2.22	74.00	20.87	150	Vertical
4	10640.00	42.86	2.22	54.00	11.14	150	Vertical
5	15960.00	43.13	5.01	54.00	10.87	150	Vertical
6	15960.00	54.75	5.01	74.00	19.25	150	Vertical

Final Data List



4.9.2.31 802.11N20_Channel 149

Test Graph



Suspected List

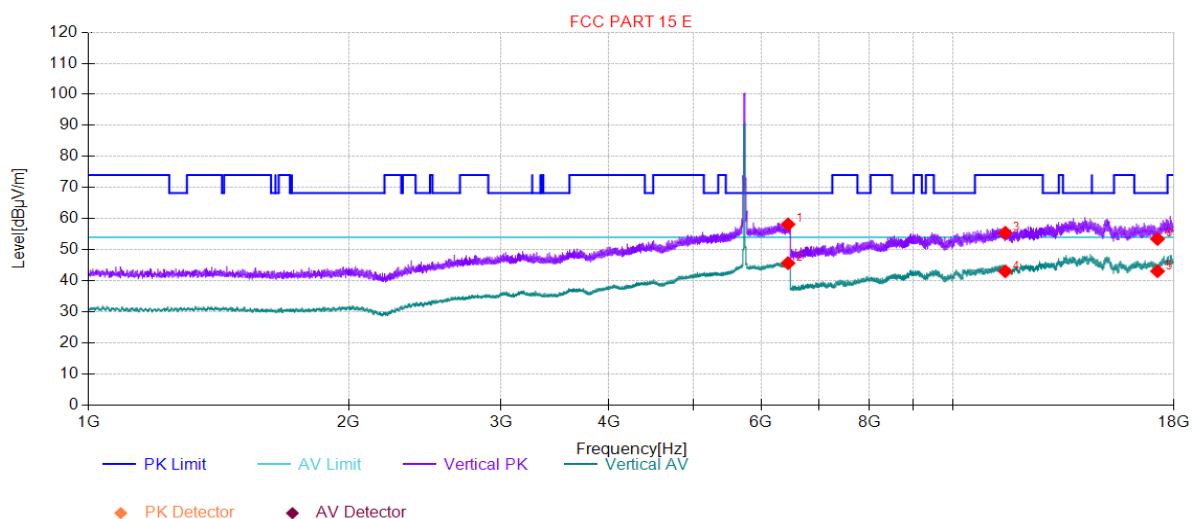
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6440.229	45.66	18.38	54.00	8.34	150	Horizontal
2	6465.164	57.78	18.52	68.20	10.42	150	Horizontal
3	11490.00	55.17	2.10	74.00	18.83	150	Horizontal
4	11490.00	43.28	2.10	54.00	10.72	150	Horizontal
5	17235.00	43.36	6.10	54.00	10.64	150	Horizontal
6	17235.00	54.35	6.10	68.20	13.85	150	Horizontal

Final Data List



4.9.2.32 802.11N20_Channel 149

Test Graph



Suspected List

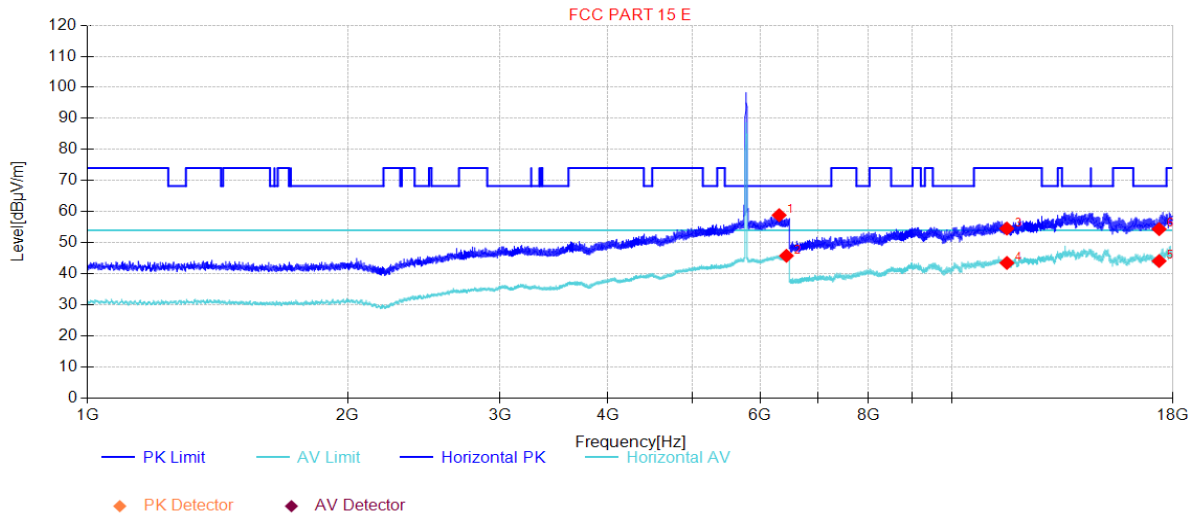
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6443.529	58.14	18.40	68.20	10.06	150	Vertical
2	6443.529	45.65	18.40	54.00	8.35	150	Vertical
3	11490.00	55.40	2.10	74.00	18.60	150	Vertical
4	11490.00	43.02	2.10	54.00	10.98	150	Vertical
5	17235.00	43.05	6.10	54.00	10.95	150	Vertical
6	17235.00	53.42	6.10	68.20	14.78	150	Vertical

Final Data List



4.9.2.33 802.11N20_Channel 157

Test Graph



Suspected List

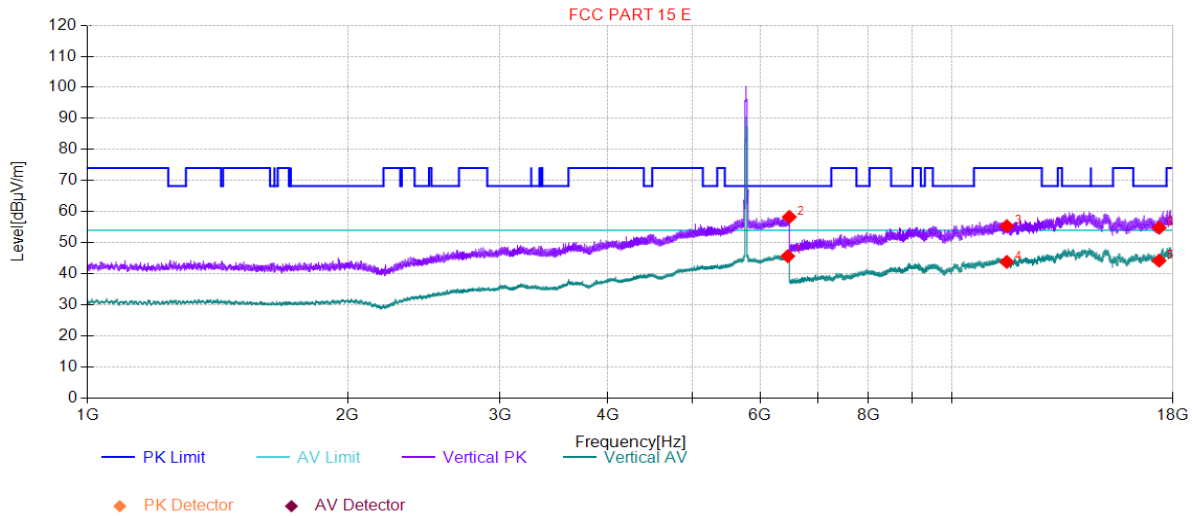
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6309.687	58.84	18.45	68.20	9.36	150	Horizontal
2	6432.895	45.75	18.34	54.00	8.25	150	Horizontal
3	11570.00	54.53	2.92	74.00	19.47	150	Horizontal
4	11570.00	43.46	2.92	54.00	10.54	150	Horizontal
5	17355.00	44.07	6.75	54.00	9.93	150	Horizontal
6	17355.00	54.34	6.75	68.20	13.86	150	Horizontal

Final Data List



4.9.2.34 802.11N20_Channel 157

Test Graph



Suspected List

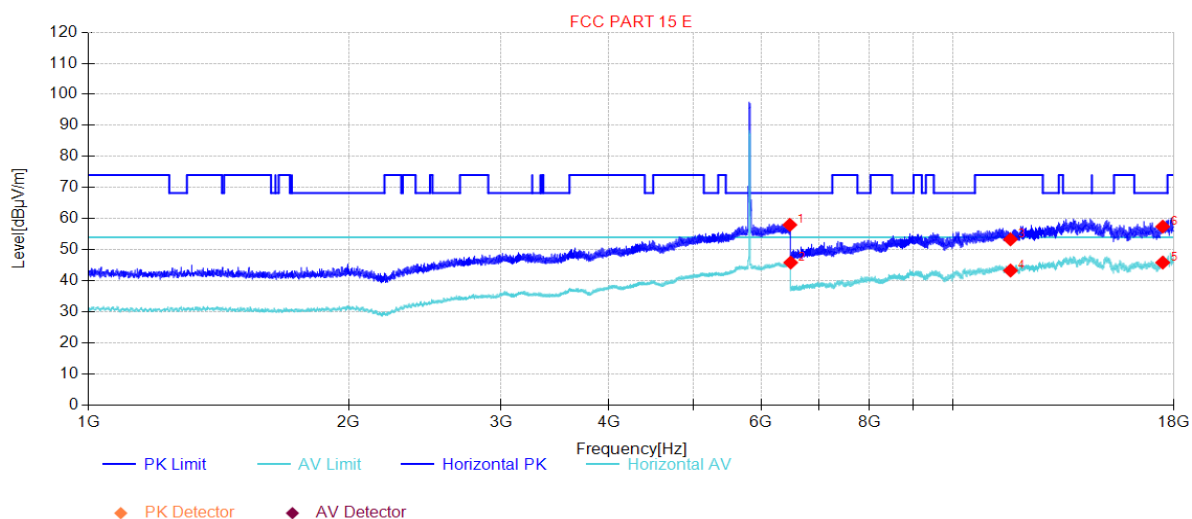
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.997	45.63	18.47	54.00	8.37	150	Vertical
2	6482.032	58.26	18.62	68.20	9.94	150	Vertical
3	11570.00	55.32	2.92	74.00	18.68	150	Vertical
4	11570.00	43.80	2.92	54.00	10.20	150	Vertical
5	17355.00	44.19	6.75	54.00	9.81	150	Vertical
6	17355.00	54.78	6.75	68.20	13.42	150	Vertical

Final Data List



4.9.2.35 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6474.331	57.98	18.57	68.20	10.22	150	Horizontal
2	6488.999	45.84	18.65	54.00	8.16	150	Horizontal
3	11650.00	53.31	2.58	74.00	20.69	150	Horizontal
4	11650.00	43.27	2.58	54.00	10.73	150	Horizontal
5	17475.00	45.84	7.42	54.00	8.16	150	Horizontal
6	17475.00	57.41	7.42	68.20	10.79	150	Horizontal

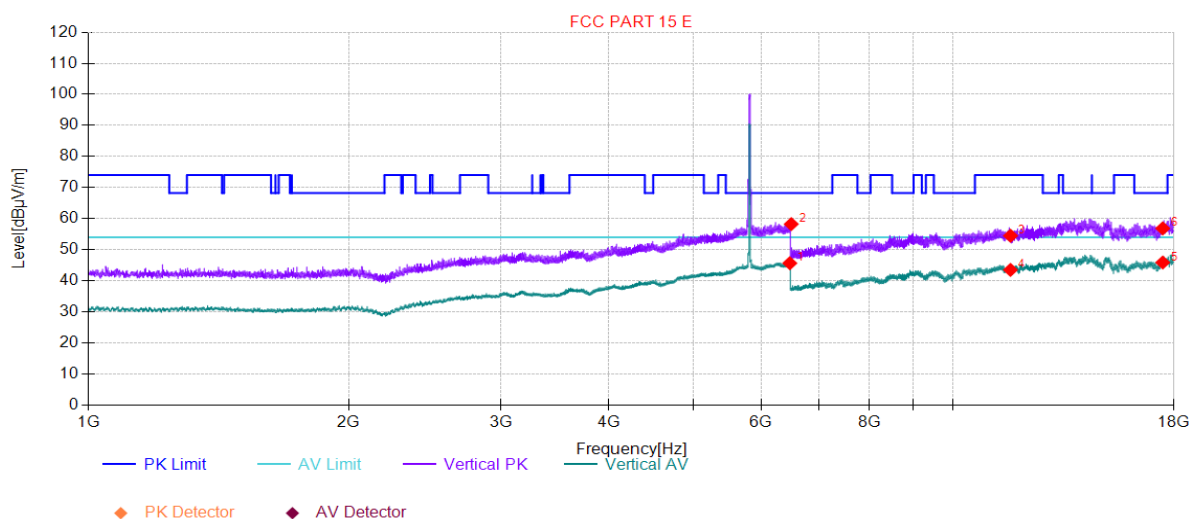
Final Data List



4.9.2.36

802.11N20_Channel 165

Test Graph



Suspected List

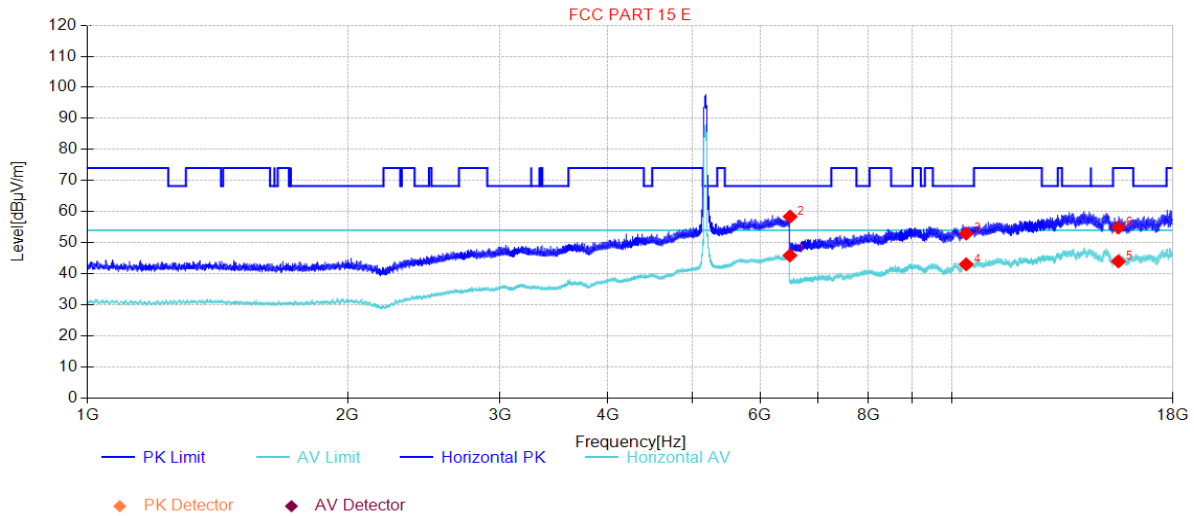
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.598	45.63	18.57	54.00	8.37	150	Vertical
2	6498.899	58.22	18.71	68.20	9.98	150	Vertical
3	11650.00	54.47	2.58	74.00	19.53	150	Vertical
4	11650.00	43.47	2.58	54.00	10.53	150	Vertical
5	17475.00	45.85	7.42	54.00	8.15	150	Vertical
6	17475.00	56.84	7.42	68.20	11.36	150	Vertical

Final Data List



4.9.2.37 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6492.666	45.88	18.67	54.00	8.12	150	Horizontal
2	6495.966	58.39	18.69	68.20	9.81	150	Horizontal
3	10380.00	52.91	2.40	68.20	15.29	150	Horizontal
4	10380.00	43.01	2.40	54.00	10.99	150	Horizontal
5	15570.00	43.95	6.00	54.00	10.05	150	Horizontal
6	15570.00	54.87	6.00	74.00	19.13	150	Horizontal

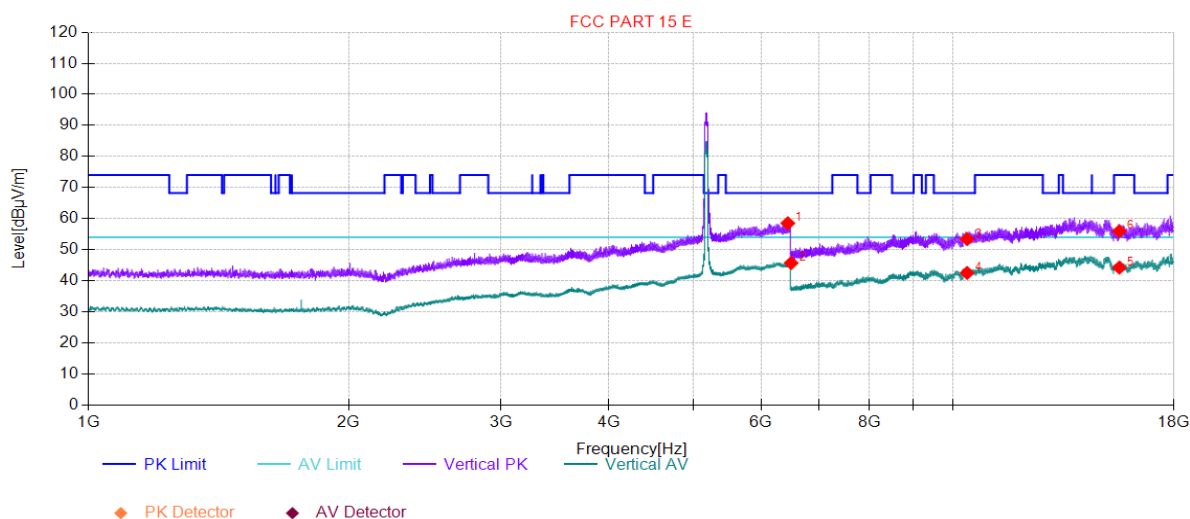
Final Data List



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4.9.2.38 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6439.129	58.50	18.38	68.20	9.70	150	Vertical
2	6497.799	45.68	18.70	54.00	8.32	150	Vertical
3	10380.00	53.39	2.40	68.20	14.81	150	Vertical
4	10380.00	42.49	2.40	54.00	11.51	150	Vertical
5	15570.00	44.21	6.00	54.00	9.79	150	Vertical
6	15570.00	55.95	6.00	74.00	18.05	150	Vertical

Final Data List



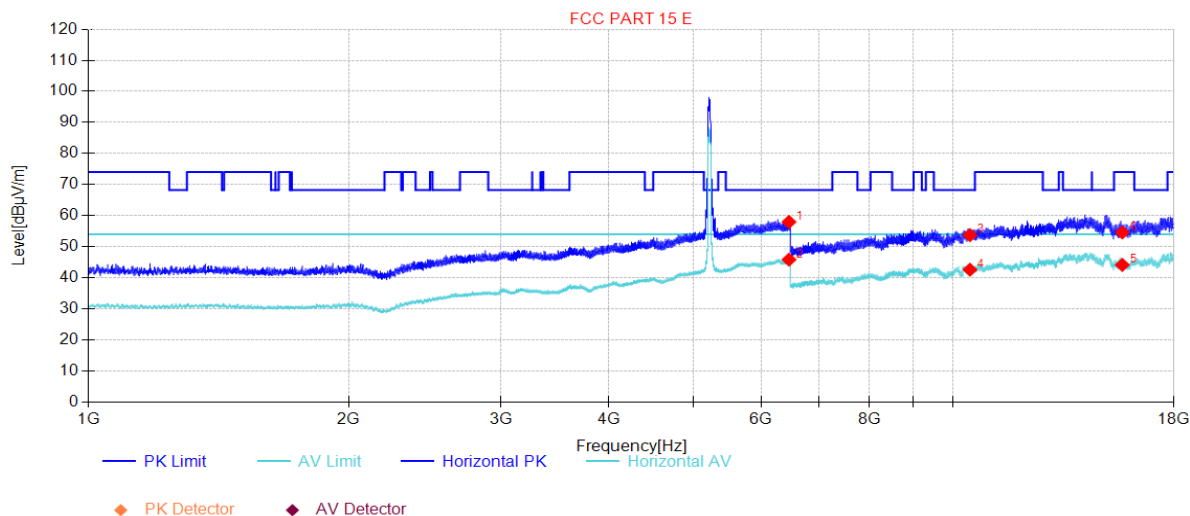
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4.9.2.39 802.11N40_Channel 46

Test Graph



Suspected List

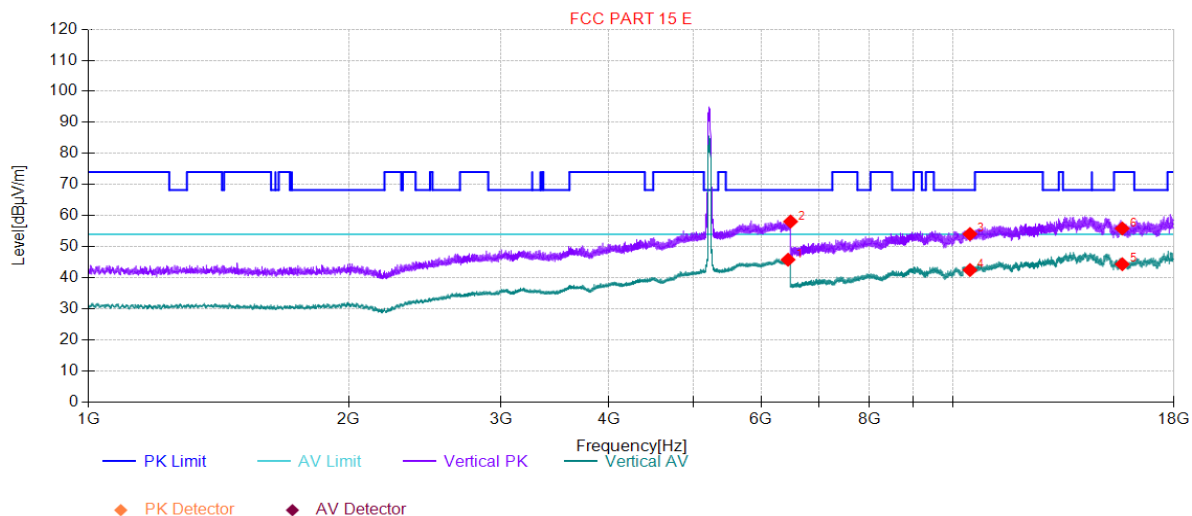
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6459.664	57.95	18.49	68.20	10.25	150	Horizontal
2	6459.664	45.81	18.49	54.00	8.19	150	Horizontal
3	10460.00	53.71	2.47	68.20	14.49	150	Horizontal
4	10460.00	42.57	2.47	54.00	11.43	150	Horizontal
5	15690.00	44.11	6.13	54.00	9.89	150	Horizontal
6	15690.00	54.55	6.13	74.00	19.45	150	Horizontal

Final Data List



4.9.2.40 802.11N40_Channel 46

Test Graph



Suspected List

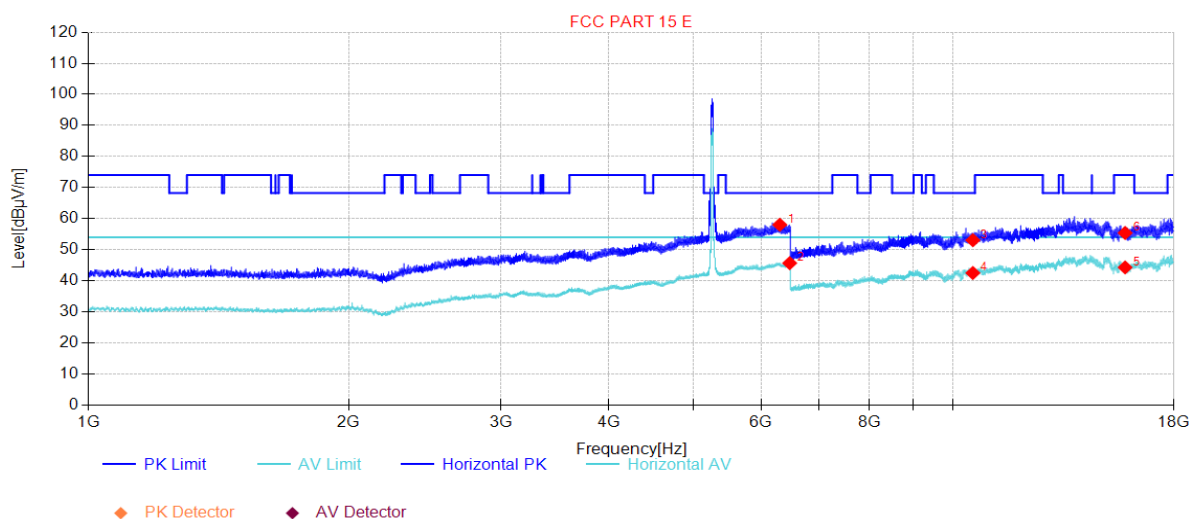
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6443.162	45.79	18.40	54.00	8.21	150	Vertical
2	6486.432	58.08	18.64	68.20	10.12	150	Vertical
3	10460.00	54.07	2.47	68.20	14.13	150	Vertical
4	10460.00	42.46	2.47	54.00	11.54	150	Vertical
5	15690.00	44.33	6.13	54.00	9.67	150	Vertical
6	15690.00	55.84	6.13	74.00	18.16	150	Vertical

Final Data List



4.9.2.41 802.11N40_Channel 54

Test Graph



Suspected List

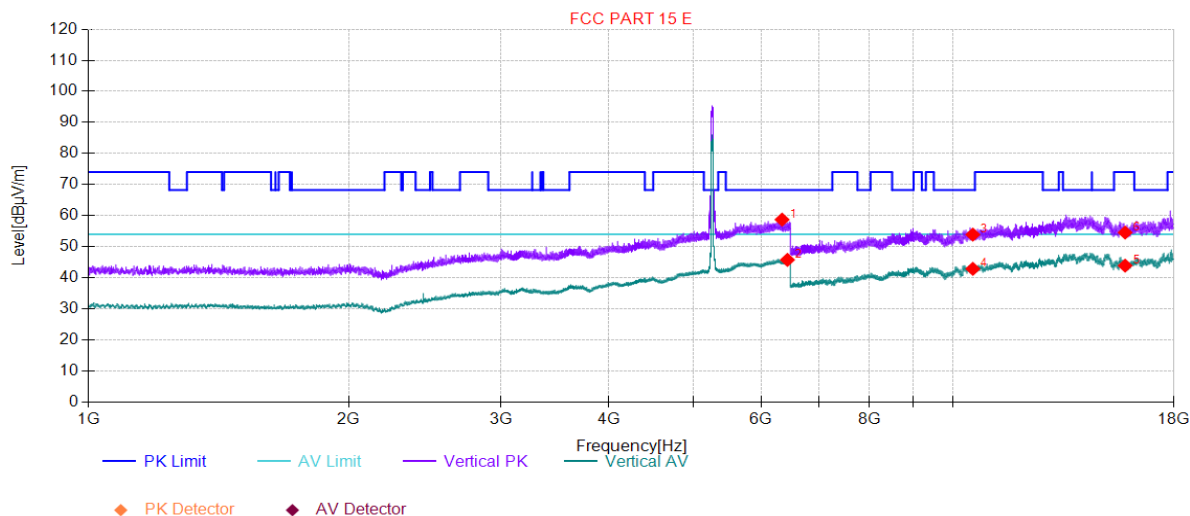
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6302.720	58.02	18.48	68.20	10.18	150	Horizontal
2	6471.398	45.65	18.56	54.00	8.35	150	Horizontal
3	10540.00	53.04	2.39	68.20	15.16	150	Horizontal
4	10540.00	42.48	2.39	54.00	11.52	150	Horizontal
5	15810.00	44.26	5.12	54.00	9.74	150	Horizontal
6	15810.00	55.37	5.12	74.00	18.63	150	Horizontal

Final Data List



4.9.2.42 802.11N40_Channel 54

Test Graph



Suspected List

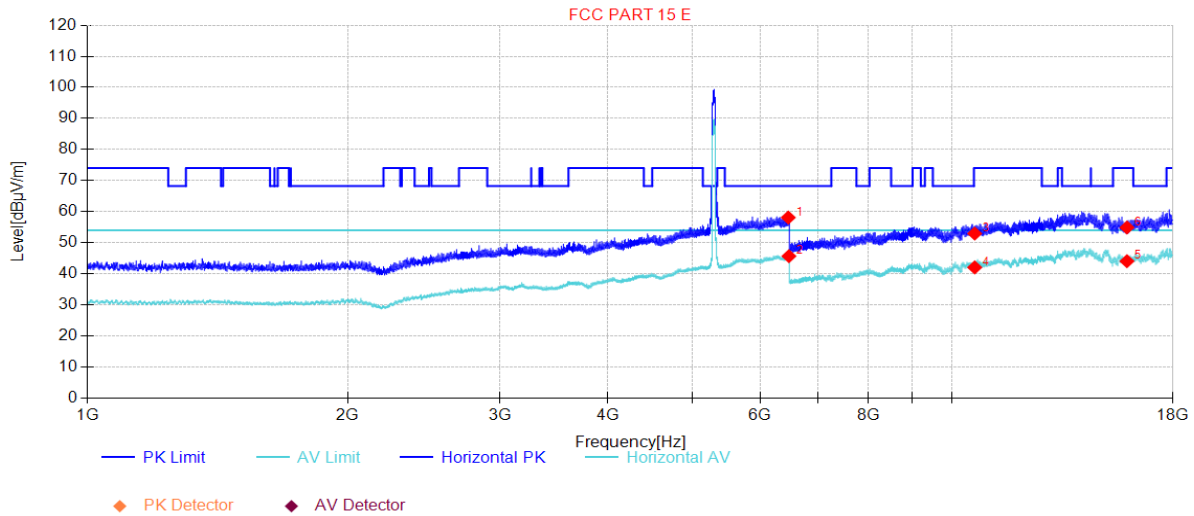
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6341.589	58.69	18.35	68.20	9.51	150	Vertical
2	6432.528	45.74	18.34	54.00	8.26	150	Vertical
3	10540.00	53.87	2.39	68.20	14.33	150	Vertical
4	10540.00	42.85	2.39	54.00	11.15	150	Vertical
5	15810.00	43.87	5.12	54.00	10.13	150	Vertical
6	15810.00	54.52	5.12	74.00	19.48	150	Vertical

Final Data List



4.9.2.43 802.11N40_Channel 62

Test Graph



Suspected List

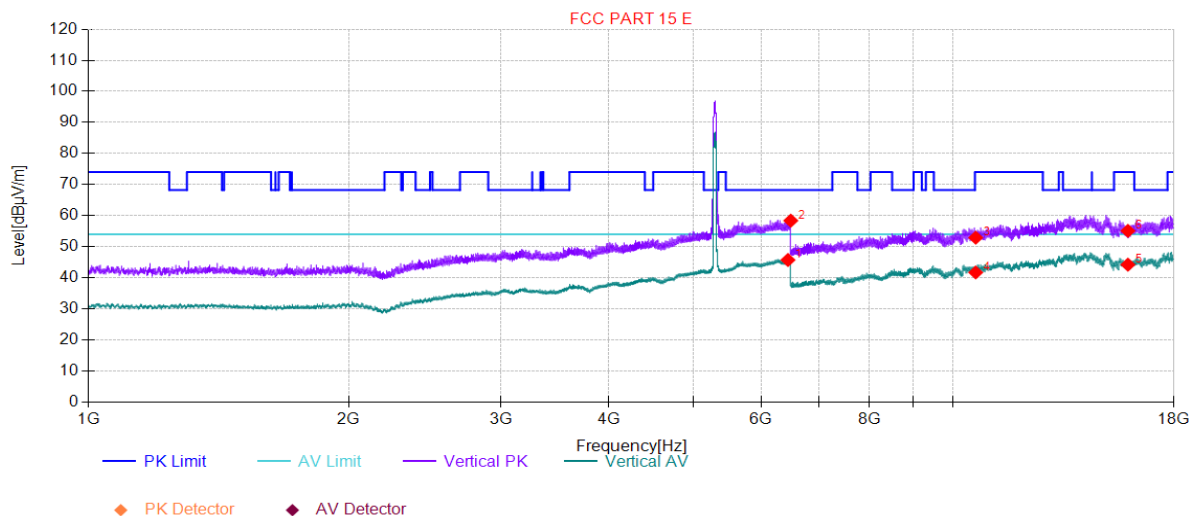
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6464.797	58.08	18.52	68.20	10.12	150	Horizontal
2	6475.431	45.64	18.58	54.00	8.36	150	Horizontal
3	10620.00	52.92	2.23	74.00	21.08	150	Horizontal
4	10620.00	42.01	2.23	54.00	11.99	150	Horizontal
5	15930.00	44.02	5.15	54.00	9.98	150	Horizontal
6	15930.00	54.87	5.15	74.00	19.13	150	Horizontal

Final Data List



4.9.2.44 802.11N40_Channel 62

Test Graph



Suspected List

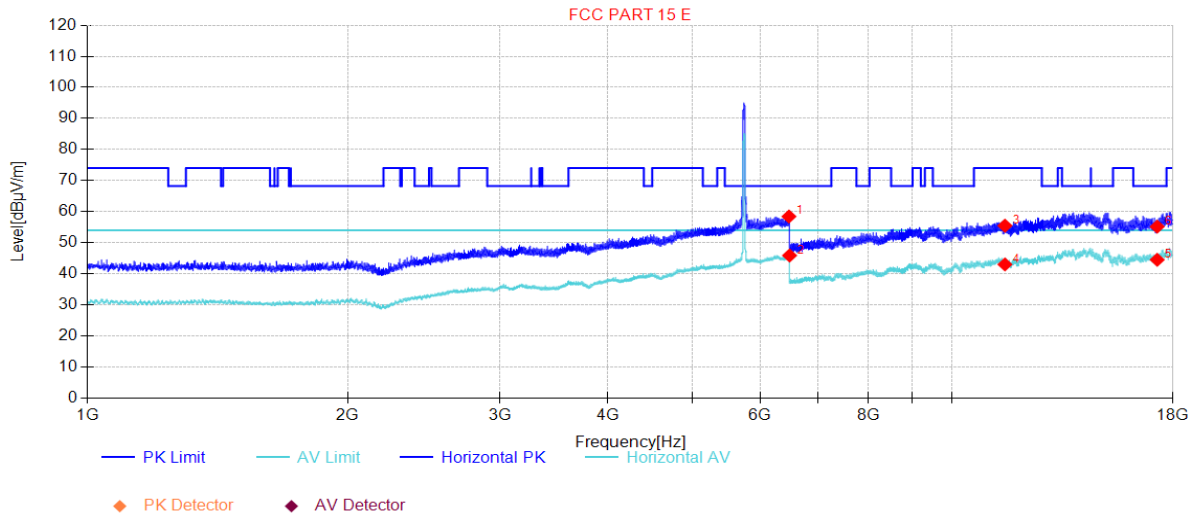
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6441.329	45.70	18.39	54.00	8.30	150	Vertical
2	6490.099	58.36	18.66	68.20	9.84	150	Vertical
3	10620.00	52.89	2.23	74.00	21.11	150	Vertical
4	10620.00	41.68	2.23	54.00	12.32	150	Vertical
5	15930.00	44.19	5.15	54.00	9.81	150	Vertical
6	15930.00	55.08	5.15	74.00	18.92	150	Vertical

Final Data List



4.9.2.45 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6476.165	58.42	18.58	68.20	9.78	150	Horizontal
2	6486.799	45.86	18.64	54.00	8.14	150	Horizontal
3	11510.00	55.44	2.17	74.00	18.56	150	Horizontal
4	11510.00	42.97	2.17	54.00	11.03	150	Horizontal
5	17265.00	44.47	6.33	54.00	9.53	150	Horizontal
6	17265.00	55.14	6.33	68.20	13.06	150	Horizontal

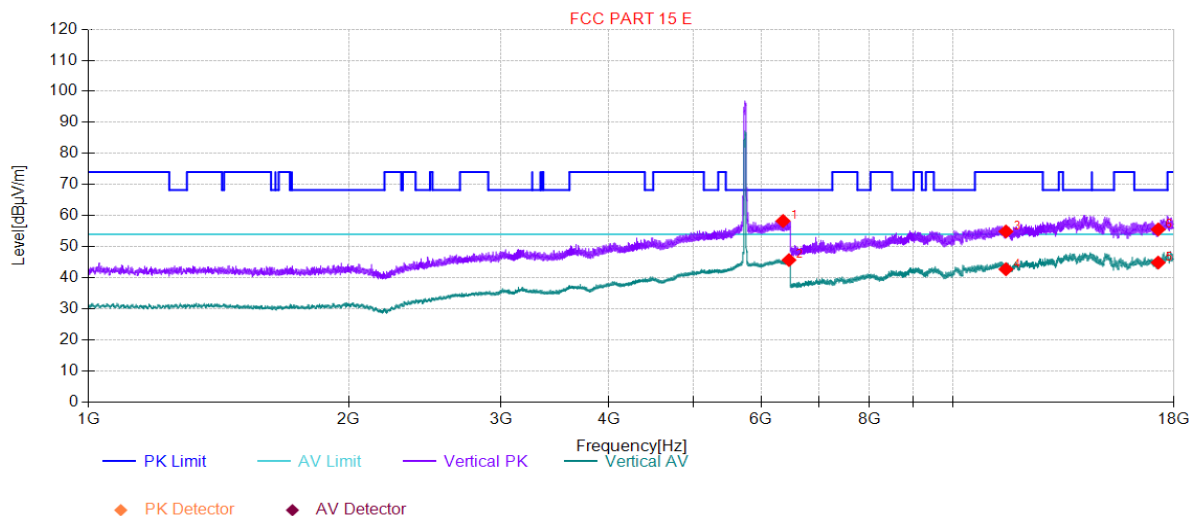
Final Data List



4.9.2.46

802.11N40_Channel 151

Test Graph



Suspected List

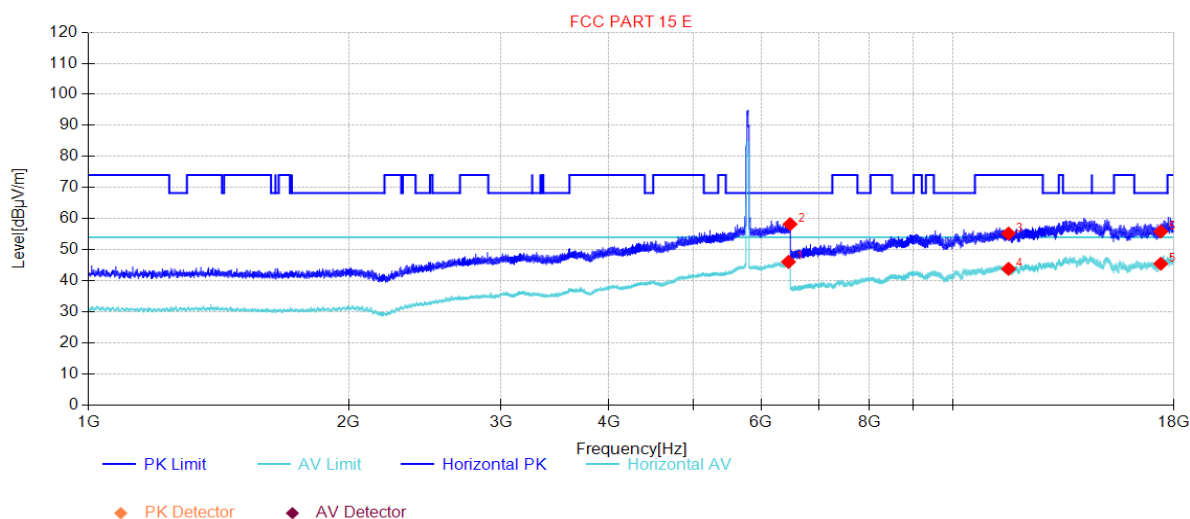
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6357.357	58.25	18.30	68.20	9.95	150	Vertical
2	6459.664	45.68	18.49	54.00	8.32	150	Vertical
3	11510.00	54.88	2.17	74.00	19.12	150	Vertical
4	11510.00	42.73	2.17	54.00	11.27	150	Vertical
5	17265.00	44.86	6.33	54.00	9.14	150	Vertical
6	17265.00	55.53	6.33	68.20	12.67	150	Vertical

Final Data List



4.9.2.47 802.11N40_Channel 159

Test Graph



Suspected List

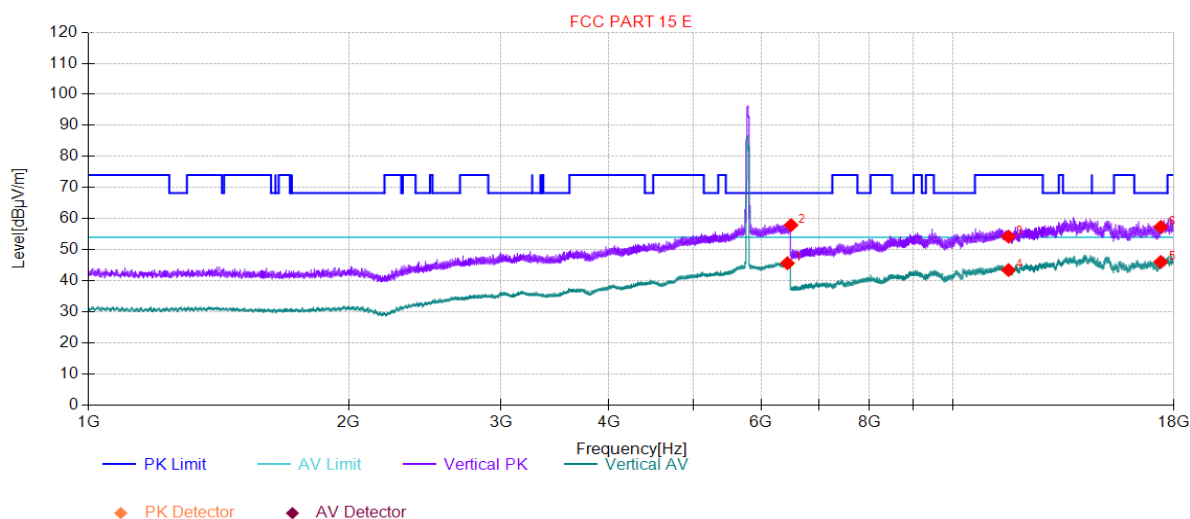
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.596	46.05	18.45	54.00	7.95	150	Horizontal
2	6478.731	58.20	18.60	68.20	10.00	150	Horizontal
3	11590.00	55.19	3.16	74.00	18.81	150	Horizontal
4	11590.00	43.82	3.16	54.00	10.18	150	Horizontal
5	17385.00	45.46	6.82	54.00	8.54	150	Horizontal
6	17385.00	55.82	6.82	68.20	12.38	150	Horizontal

Final Data List



4.9.2.48 802.11N40_Channel 159

Test Graph



Suspected List

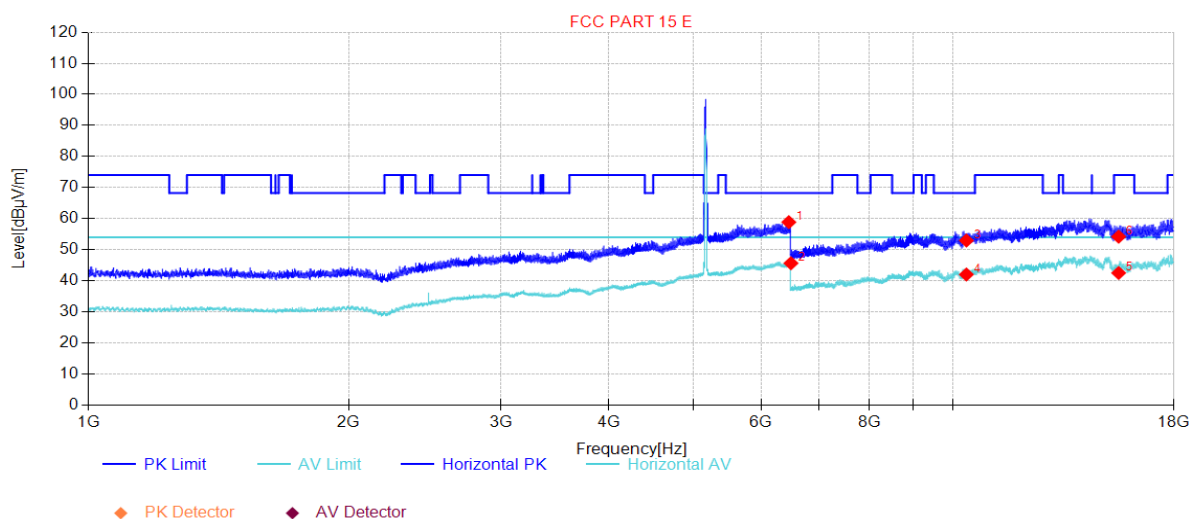
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.628	45.62	18.35	54.00	8.38	150	Vertical
2	6495.966	57.90	18.69	68.20	10.30	150	Vertical
3	11590.00	54.18	3.16	74.00	19.82	150	Vertical
4	11590.00	43.41	3.16	54.00	10.59	150	Vertical
5	17385.00	46.04	6.82	54.00	7.96	150	Vertical
6	17385.00	57.32	6.82	68.20	10.88	150	Vertical

Final Data List



4.9.2.49 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	58.84	18.47	68.20	9.36	150	Horizontal
2	6493.399	45.61	18.68	54.00	8.39	150	Horizontal
3	10360.00	52.93	2.38	68.20	15.27	150	Horizontal
4	10360.00	41.99	2.38	54.00	12.01	150	Horizontal
5	15540.00	42.49	5.88	54.00	11.51	150	Horizontal
6	15540.00	54.18	5.88	74.00	19.82	150	Horizontal

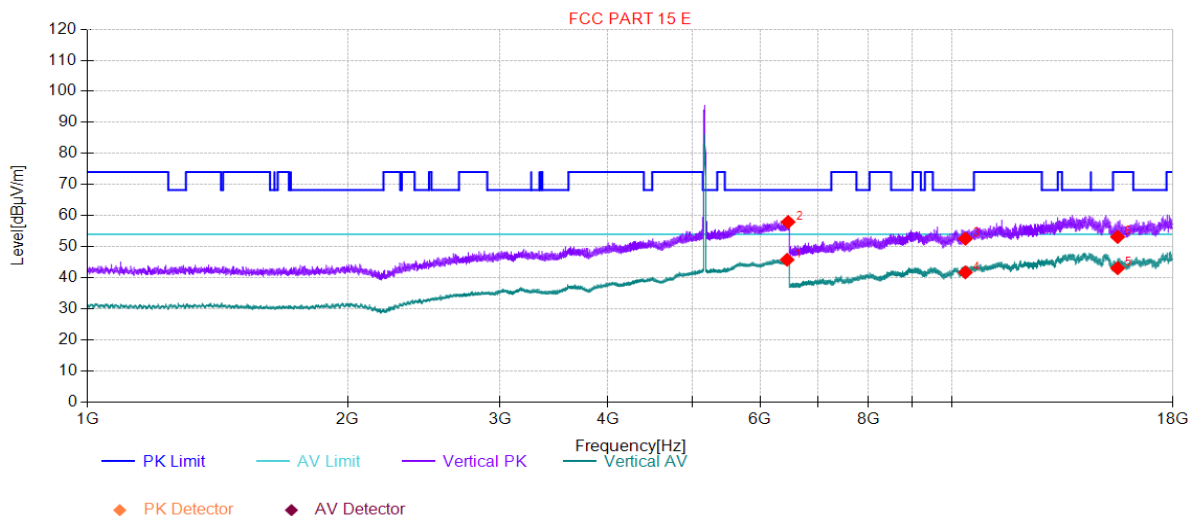
Final Data List



4.9.2.50

802.11AC20_Channel 36

Test Graph



Suspected List

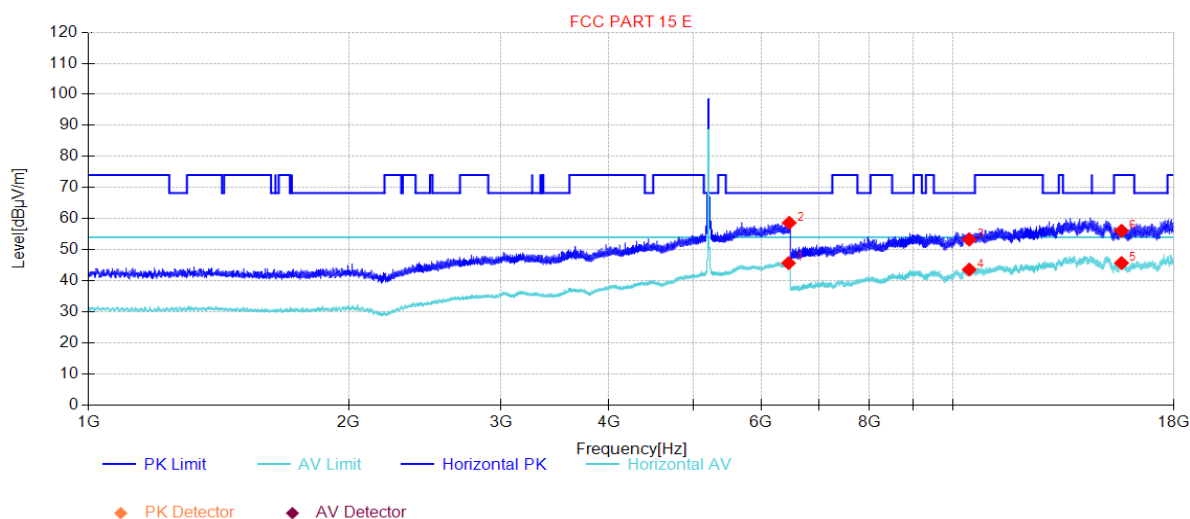
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.996	45.78	18.41	54.00	8.22	150	Vertical
2	6461.497	57.93	18.50	68.20	10.27	150	Vertical
3	10360.00	52.54	2.38	68.20	15.66	150	Vertical
4	10360.00	41.72	2.38	54.00	12.28	150	Vertical
5	15540.00	43.06	5.88	54.00	10.94	150	Vertical
6	15540.00	53.12	5.88	74.00	20.88	150	Vertical

Final Data List



4.9.2.51 802.11AC20_Channel 44

Test Graph



Suspected List

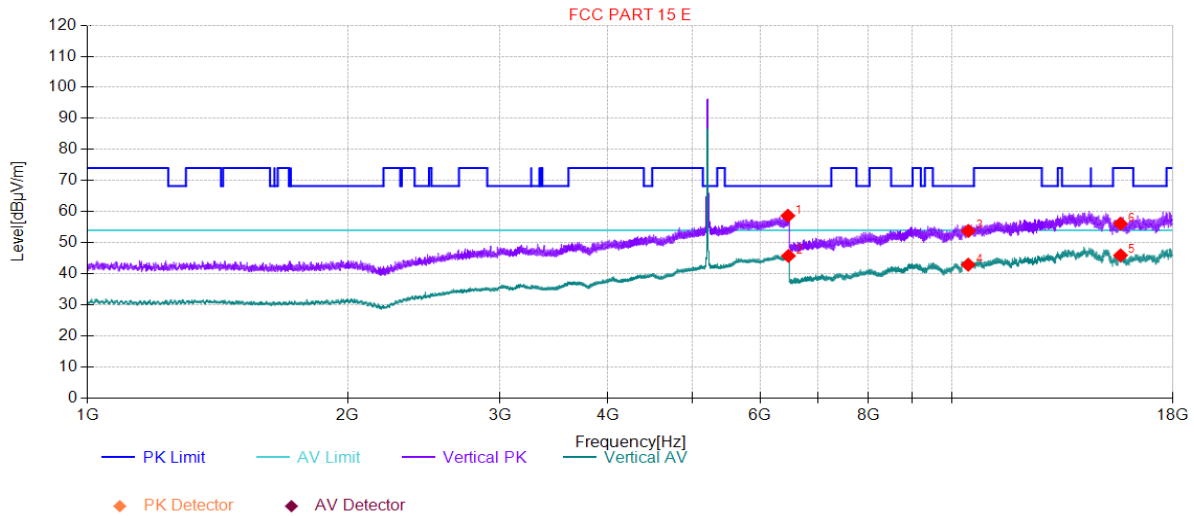
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.963	45.65	18.45	54.00	8.35	150	Horizontal
2	6464.064	58.63	18.52	68.20	9.57	150	Horizontal
3	10440.00	53.26	2.46	68.20	14.94	150	Horizontal
4	10440.00	43.59	2.46	54.00	10.41	150	Horizontal
5	15660.00	45.68	6.12	54.00	8.32	150	Horizontal
6	15660.00	56.08	6.12	74.00	17.92	150	Horizontal

Final Data List



4.9.2.52 802.11AC20_Channel 44

Test Graph



Suspected List

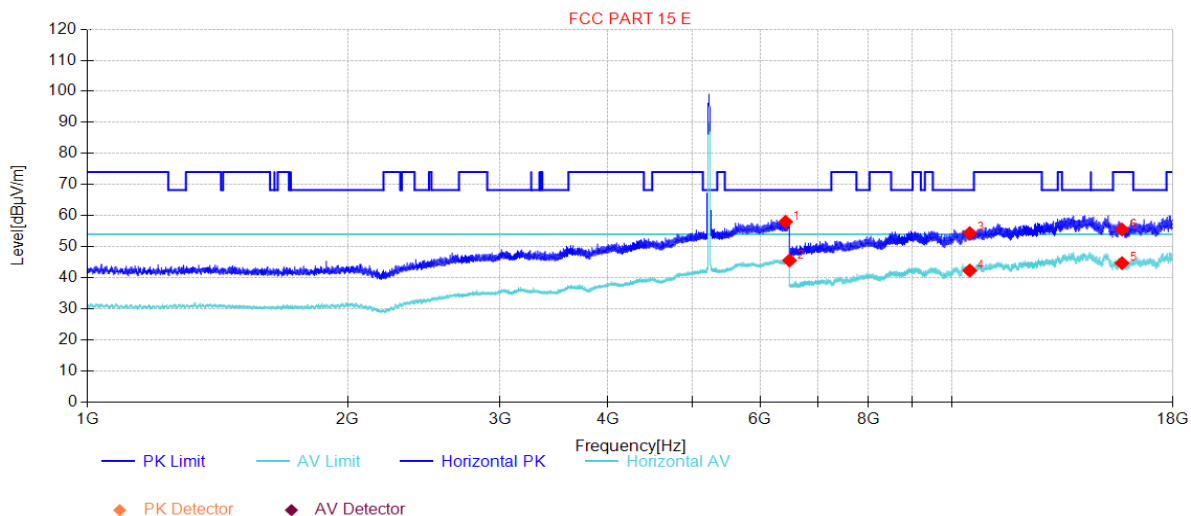
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	58.66	18.47	68.20	9.54	150	Vertical
2	6466.997	45.73	18.53	54.00	8.27	150	Vertical
3	10440.00	53.76	2.46	68.20	14.44	150	Vertical
4	10440.00	42.90	2.46	54.00	11.10	150	Vertical
5	15660.00	45.90	6.12	54.00	8.10	150	Vertical
6	15660.00	56.11	6.12	74.00	17.89	150	Vertical

Final Data List



4.9.2.53 802.11AC20_Channel 48

Test Graph



Suspected List

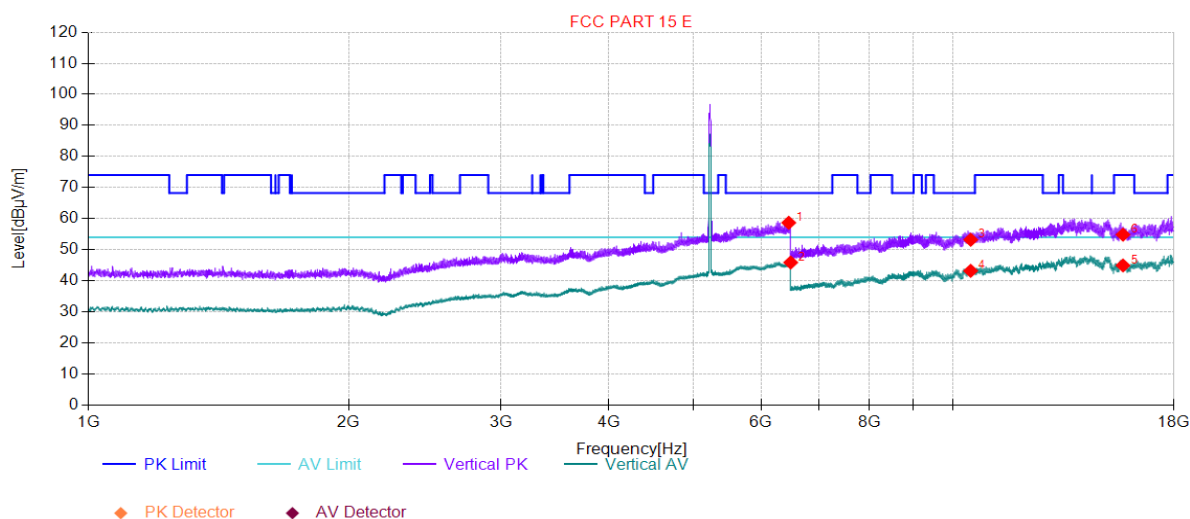
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6418.594	57.99	18.26	68.20	10.21	150	Horizontal
2	6486.065	45.56	18.64	54.00	8.44	150	Horizontal
3	10480.00	54.35	2.49	68.20	13.85	150	Horizontal
4	10480.00	42.29	2.49	54.00	11.71	150	Horizontal
5	15720.00	44.68	5.92	54.00	9.32	150	Horizontal
6	15720.00	55.52	5.92	74.00	18.48	150	Horizontal

Final Data List



4.9.2.54 802.11AC20_Channel 48

Test Graph



Suspected List

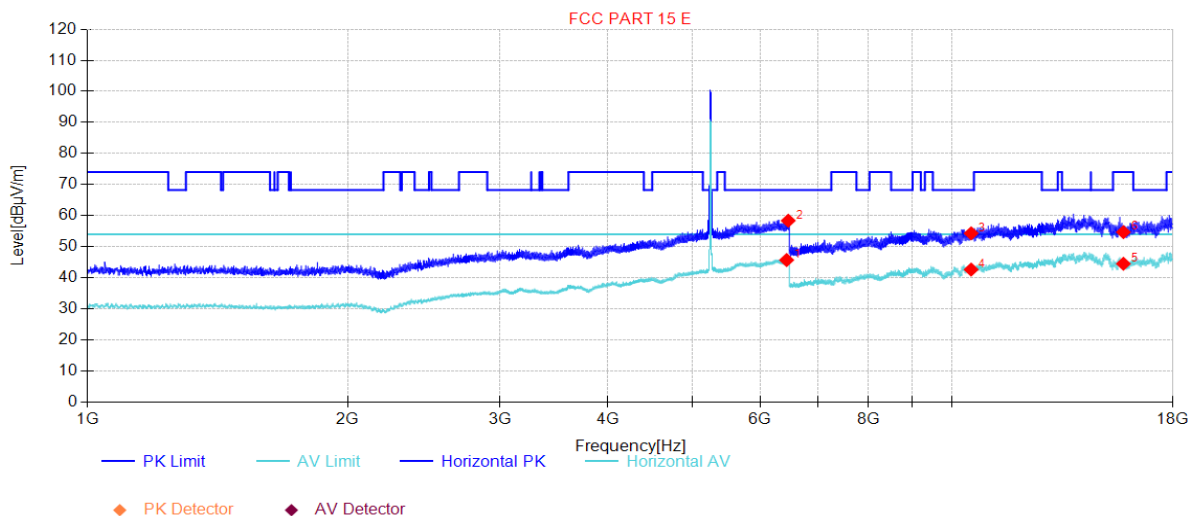
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.630	58.66	18.47	68.20	9.54	150	Vertical
2	6488.632	45.86	18.65	54.00	8.14	150	Vertical
3	10480.00	53.17	2.49	68.20	15.03	150	Vertical
4	10480.00	43.17	2.49	54.00	10.83	150	Vertical
5	15720.00	44.90	5.92	54.00	9.10	150	Vertical
6	15720.00	54.82	5.92	74.00	19.18	150	Vertical

Final Data List



4.9.2.55 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6436.562	45.68	18.36	54.00	8.32	150	Horizontal
2	6464.064	58.36	18.52	68.20	9.84	150	Horizontal
3	10520.00	54.29	2.45	68.20	13.91	150	Horizontal
4	10520.00	42.62	2.45	54.00	11.38	150	Horizontal
5	15780.00	44.48	5.30	54.00	9.52	150	Horizontal
6	15780.00	54.66	5.30	74.00	19.34	150	Horizontal

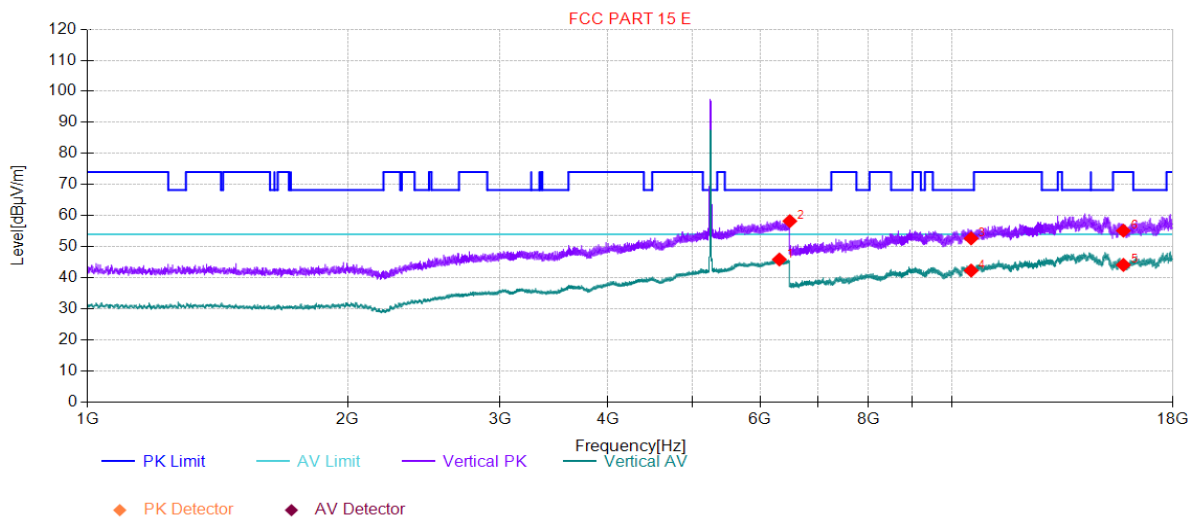
Final Data List



4.9.2.56

802.11AC20_Channel 52

Test Graph



Suspected List

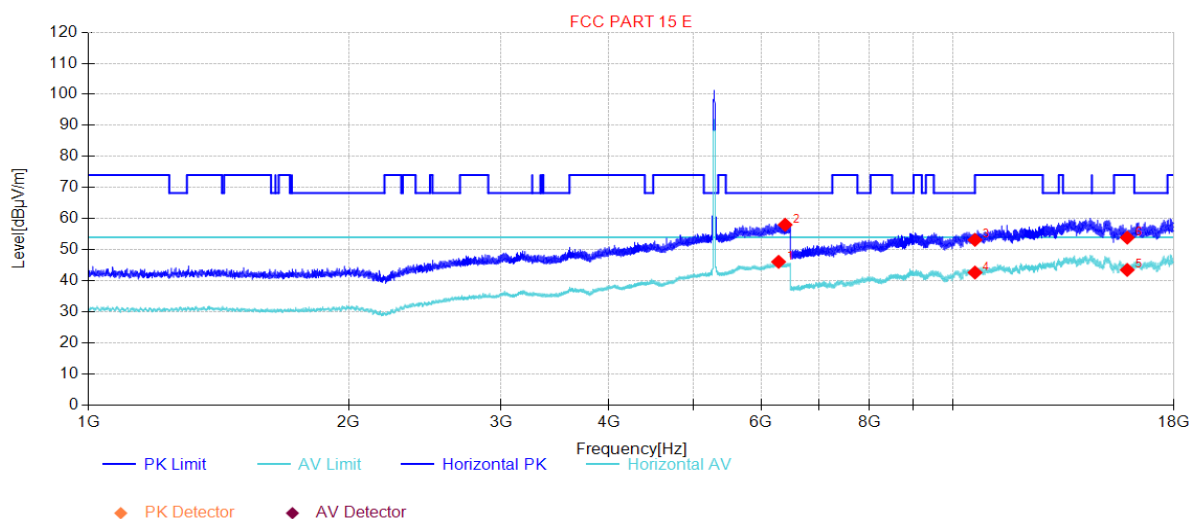
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6312.987	45.86	18.44	54.00	8.14	150	Vertical
2	6491.566	58.21	18.67	68.20	9.99	150	Vertical
3	10520.00	52.64	2.45	68.20	15.56	150	Vertical
4	10520.00	42.29	2.45	54.00	11.71	150	Vertical
5	15780.00	44.11	5.30	54.00	9.89	150	Vertical
6	15780.00	55.14	5.30	74.00	18.86	150	Vertical

Final Data List



4.9.2.57 802.11AC20_Channel 60

Test Graph



Suspected List

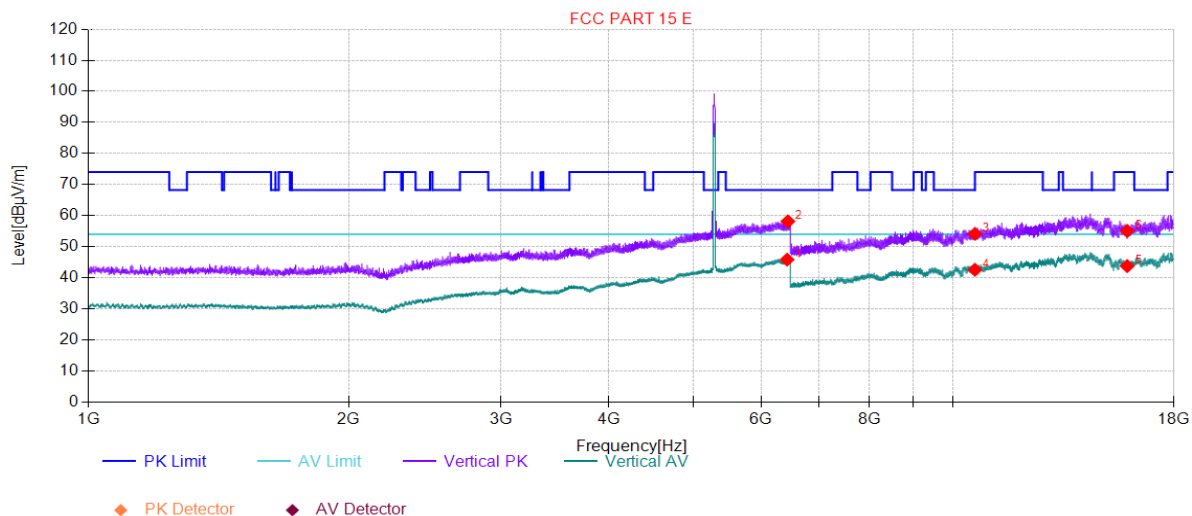
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6282.918	46.07	18.40	54.00	7.93	150	Horizontal
2	6393.292	58.01	18.18	68.20	10.19	150	Horizontal
3	10600.00	53.14	2.23	74.00	20.86	150	Horizontal
4	10600.00	42.63	2.23	54.00	11.37	150	Horizontal
5	15900.00	43.46	5.29	54.00	10.54	150	Horizontal
6	15900.00	53.85	5.29	74.00	20.15	150	Horizontal

Final Data List



4.9.2.58 802.11AC20_Channel 60

Test Graph



Suspected List

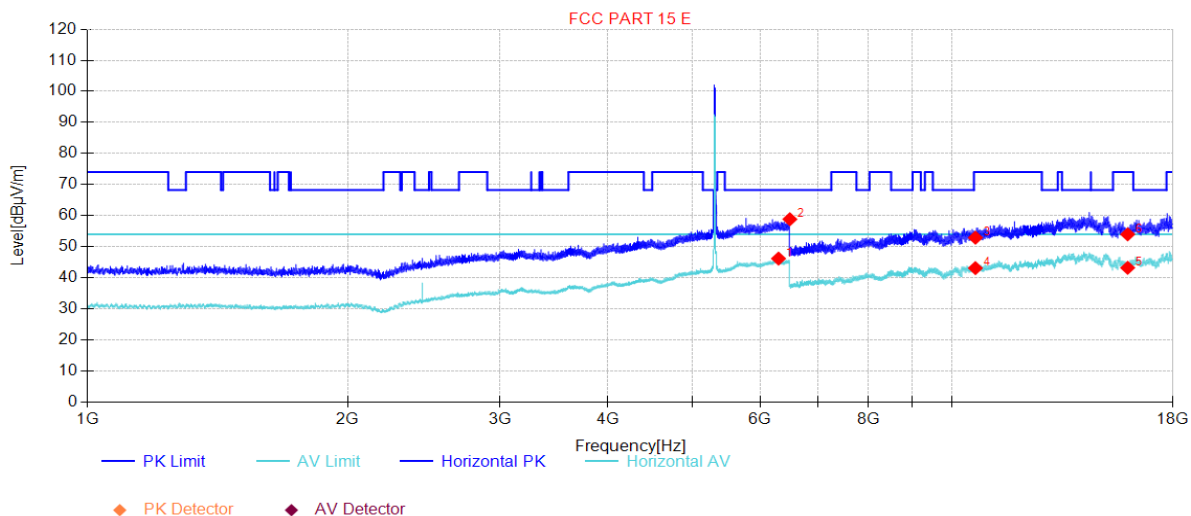
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6427.395	45.82	18.31	54.00	8.18	150	Vertical
2	6440.229	58.13	18.38	68.20	10.07	150	Vertical
3	10600.00	54.12	2.23	74.00	19.88	150	Vertical
4	10600.00	42.55	2.23	54.00	11.45	150	Vertical
5	15900.00	43.74	5.29	54.00	10.26	150	Vertical
6	15900.00	55.06	5.29	74.00	18.94	150	Vertical

Final Data List



4.9.2.59 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6299.053	46.15	18.48	54.00	7.85	150	Horizontal
2	6492.299	58.82	18.67	68.20	9.38	150	Horizontal
3	10640.00	52.89	2.22	74.00	21.11	150	Horizontal
4	10640.00	43.08	2.22	54.00	10.92	150	Horizontal
5	15960.00	43.18	5.01	54.00	10.82	150	Horizontal
6	15960.00	53.95	5.01	74.00	20.05	150	Horizontal

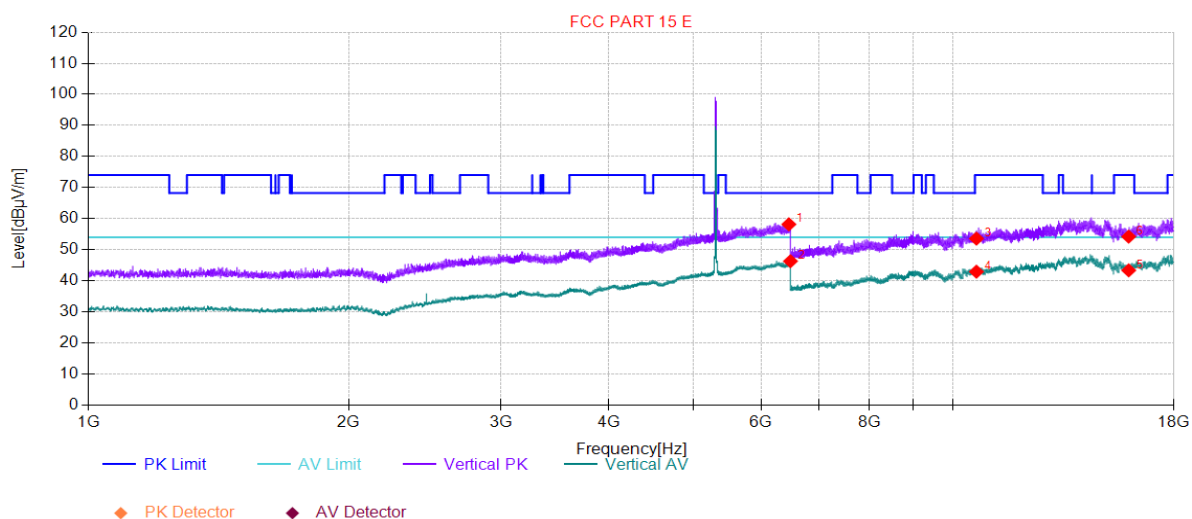
Final Data List



4.9.2.60

802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6457.097	58.15	18.48	68.20	10.05	150	Vertical
2	6484.965	46.28	18.63	54.00	7.72	150	Vertical
3	10640.00	53.55	2.22	74.00	20.45	150	Vertical
4	10640.00	42.90	2.22	54.00	11.10	150	Vertical
5	15960.00	43.33	5.01	54.00	10.67	150	Vertical
6	15960.00	54.19	5.01	74.00	19.81	150	Vertical

Final Data List

