



FCC TEST REPORT

Application No: HR/2019/20008
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: Smart Phone
Model No.: MAR-LX1A
Trade Mark:: Huawei
FCC ID: QISMAR-LX1A
Standards: 47 CFR FCC Part 2, Subpart J
47 CFR FCC Part 15, Subpart C
47 CFR FCC Part 15, Subpart E
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
Test Method: 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: 2019/3/5
Date of Test: 2019/3/5 to 2019/3/15
Date of Issue: 2019/3/15

Test Result:	PASS *
---------------------	---------------

Authorized Signature:

Derek Yang
Wireless Laboratory Manager



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / FCC Laboratory

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



1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
00		2019/3/15		Original

Authorized for issue by:				
Tested By		 		2019/3/15
				Date
Checked By		 		2019/3/15
				Date
		(Mike Hu) /Project Engineer		
		(David Chen) /Reviewer		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com

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

Contents

1	VERSION	2
2	TEST SUMMARY	4
3	GENERAL INFORMATION	6
3.1	CLIENT INFORMATION	6
3.2	TEST LOCATION	6
3.3	TEST FACILITY	6
3.4	GENERAL DESCRIPTION OF EUT	7
3.5	TEST ENVIRONMENT AND MODE	9
4	TEST RESULTS AND MEASUREMENT DATA	10
4.1	ANTENNA REQUIREMENT	10
4.2	CONDUCTED EMISSIONS	10
4.3	RADIATED SPURIOUS EMISSIONS	14
4.3.1	<i>Radiated emission below 1GHz</i>	15
4.3.2	<i>Transmitter emission above 1GHz</i>	17
4.4	RESTRICTED BANDS AROUND FUNDAMENTAL FREQUENCY	135
4.4.1	<i>Test plots</i>	137
4.5	DYNAMIC FREQUENCY SELECTION	227
4.5.1	<i>DFS Overview</i>	227
4.5.2	<i>DFS Detection Thresholds</i>	228
4.5.3	<i>Response Requirements</i>	228
4.5.4	<i>Test plots</i>	229
4.5.5	<i>Test Data</i>	230
5	MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	232
6	EQUIPMENT LIST	233
7	PHOTOGRAPHS - EUT TEST SETUP DETAILS	234





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).		





Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
	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
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		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



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
Post code:	518057
Telephone:	+86 (0) 755 2601 2053
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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 2601 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



3.4 General Description of EUT

EUT Description::	Smart Phone
Model No.:	MAR-LX1A
Trade Mark:	Huawei
Hardware Version:	HL3MARLM
Software Version:	9.0.1.118(SP1C900E118R1P6)
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),
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80/): 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:	2dBi,
Power Supply	☒ AC/DC Adapter; ☐ PoE;; ☐ Other:
Adapter	Model: HW-090200EH0 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100-240V ~50/60Hz 0.5A Output Voltage: 5V ☒ 2A OR 9V ☒ 2A Model: HW-090200BH0 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100-240V ~50/60Hz 0.5A Output Voltage: 5V ☒ 2A OR 9V ☒ 2A Model: HW-090200UH0 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100-240V ~50/60Hz 0.5A





	Output Voltage: 5V === 2A OR 9V === 2A Model: HW-059200EHQ Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100-240V ~50/60Hz 0.5A Output Voltage: 5V === 2A OR 9V === 2A Model: HW-090200UH1 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100-240V ~50/60Hz 0.5A Output Voltage: 5V === 2A OR 9V === 2A
Rechargeable Li-ion	Battery Model: HB356687ECW Rated capacity: 3240mAh Nominal Voltage: === +3.82V Charging Voltage: === +4.40V

Remark:

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

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

For UNII Band I:

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

For UNII Band II-A:

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





IEEE 802.11n/ac 40MHz	The Lowest channel	5270
	The Highest channel	5310
IEEE 802.11ac 80MHz	The Middle channel	5290

For UNII Band II-C:

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

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



4 Test results and Measurement Data

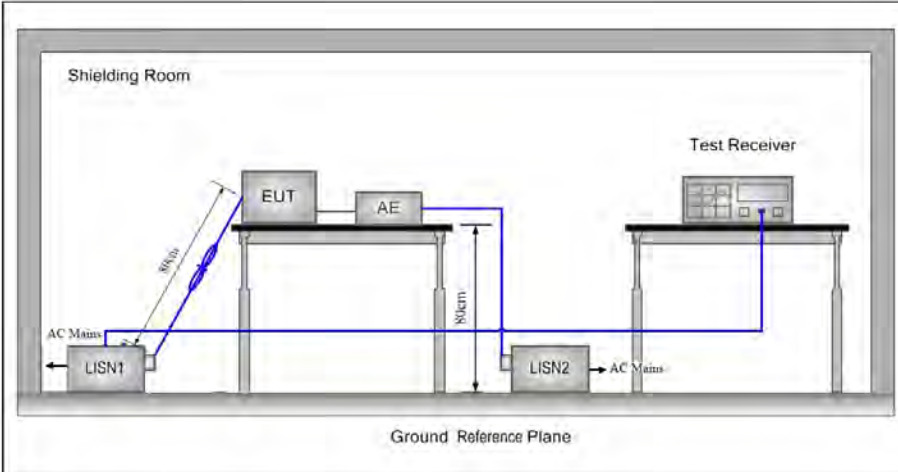
4.1 Antenna Requirement

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 2dBi.	

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 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.



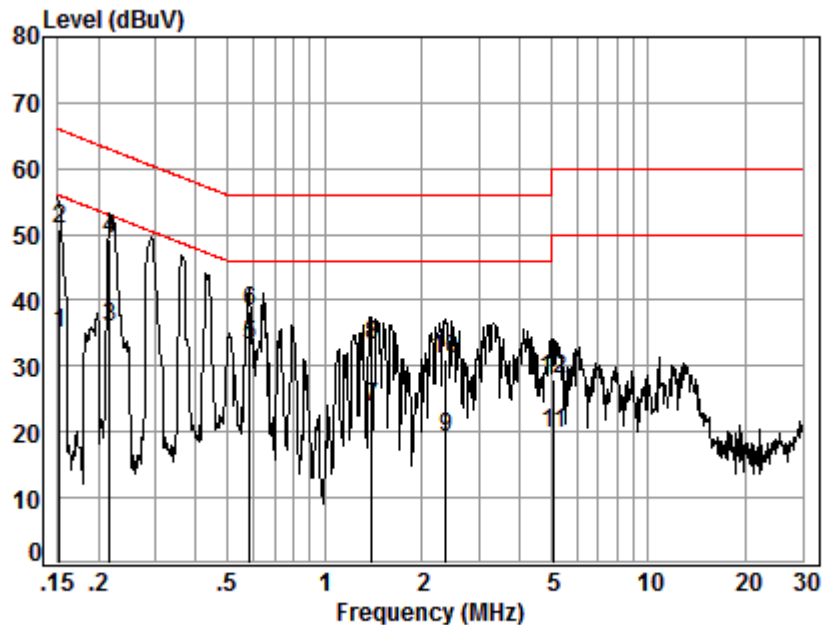
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

Live Line:



Site : Shielding Room

Condition: Line

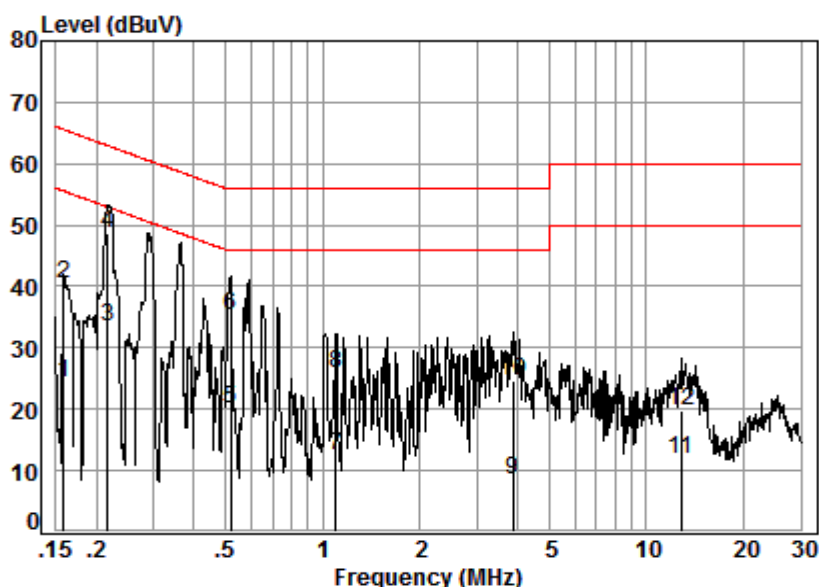
Job No. : 11310CR

Test mode: a

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.15	0.01	9.66	25.37	35.04	55.91	-20.87	Average
2	0.15	0.01	9.66	40.99	50.66	65.91	-15.25	QP
3	0.22	0.03	9.66	26.13	35.82	52.92	-17.10	Average
4	0.22	0.03	9.66	39.67	49.36	62.92	-13.56	QP
5	0.59	0.07	9.67	23.53	33.27	46.00	-12.73	Average
6	0.59	0.07	9.67	28.48	38.22	56.00	-17.78	QP
7	1.40	0.12	9.73	13.80	23.65	46.00	-22.35	Average
8	1.40	0.12	9.73	23.45	33.30	56.00	-22.70	QP
9	2.37	0.16	9.71	9.19	19.06	46.00	-26.94	Average
10	2.37	0.16	9.71	21.30	31.17	56.00	-24.83	QP
11	5.11	0.17	9.74	9.80	19.71	50.00	-30.29	Average
12	5.11	0.17	9.74	18.11	28.02	60.00	-31.98	QP



Neutral Line:



Site : Shielding Room
Condition: Neutral
Job No. : 11310CR
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	14.68	24.32	55.56	-31.24	Average
2	0.16	0.01	9.63	30.67	40.31	65.56	-25.25	QP
3	0.22	0.03	9.64	23.92	33.59	52.92	-19.33	Average
4	0.22	0.03	9.64	39.08	48.75	62.92	-14.17	QP
5	0.52	0.06	9.64	10.22	19.92	46.00	-26.08	Average
6	0.52	0.06	9.64	25.45	35.15	56.00	-20.85	QP
7	1.10	0.10	9.70	2.81	12.61	46.00	-33.39	Average
8	1.10	0.10	9.70	16.02	25.82	56.00	-30.18	QP
9	3.88	0.16	9.69	-1.20	8.65	46.00	-37.35	Average
10	3.88	0.16	9.69	14.84	24.69	56.00	-31.31	QP
11	12.78	0.19	10.17	1.38	11.74	50.00	-38.26	Average
12	12.78	0.19	10.17	9.43	19.79	60.00	-40.21	QP

Remarks:

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

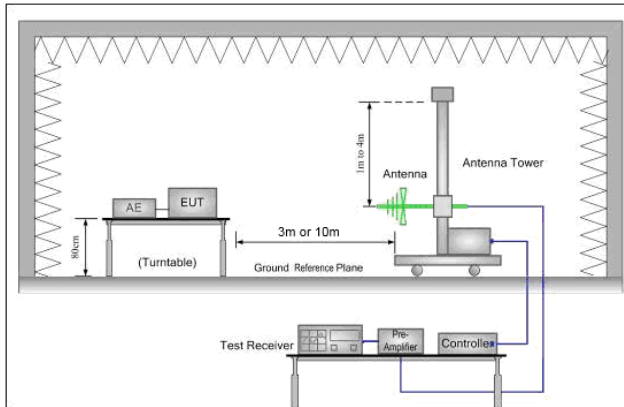


Figure 1. 30MHz to 1GHz

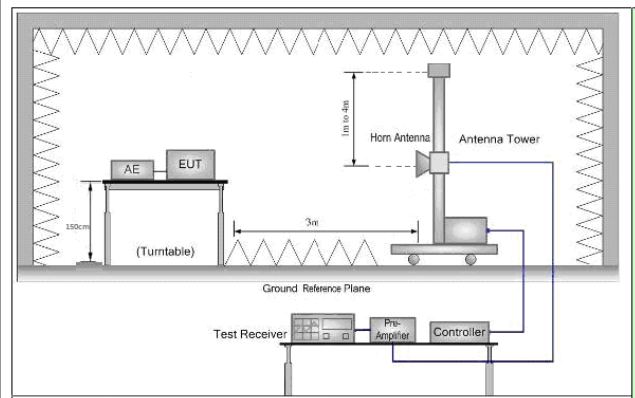


Figure 2. Above 1 GHz

Test Procedure:	- 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.
-----------------	--

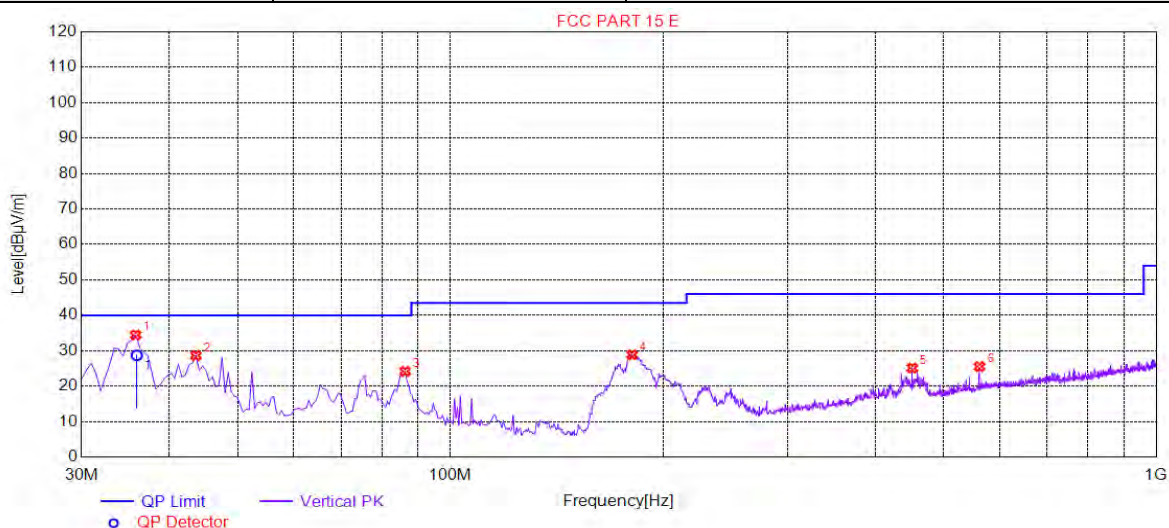




	i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is 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) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

4.3.1 Radiated emission below 1GHz

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



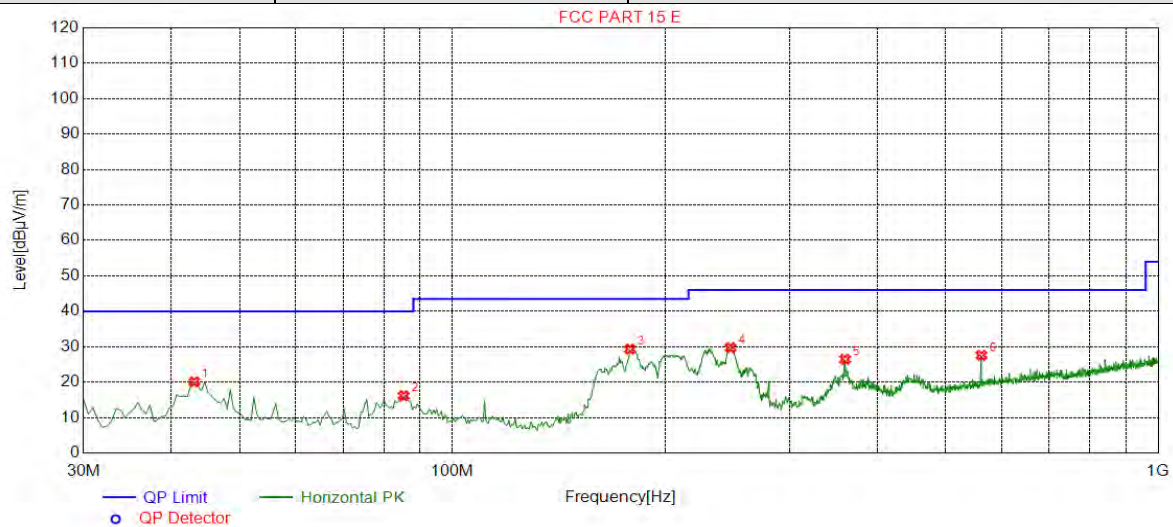
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8229	34.47	-32.69	40.00	5.53	100	303	Vertical
2	43.5868	28.63	-30.69	40.00	11.37	100	236	Vertical
3	86.2881	24.18	-34.62	40.00	15.82	100	46	Vertical
4	180.910	28.85	-33.20	43.50	14.65	100	14	Vertical
5	451.190	25.11	-24.36	46.00	20.89	100	72	Vertical
6	561.825	25.51	-21.71	46.00	20.49	100	226	Vertical



Final Data List

Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.9370	-32.66	28.71	40.00	11.29	135.7	241.9	Vertical

Test mode:	Transmitting	Horizontal
------------	--------------	------------



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	43.1016	20.10	-30.78	40.00	19.90	200	110	Horizontal
2	85.3177	16.14	-34.86	40.00	23.86	200	20	Horizontal
3	178.484	29.31	-33.40	43.50	14.19	200	250	Horizontal
4	247.873	29.74	-29.75	46.00	16.26	100	245	Horizontal
5	359.965	26.46	-26.60	46.00	19.54	100	227	Horizontal
6	561.825	27.58	-21.71	46.00	18.42	200	275	Horizontal

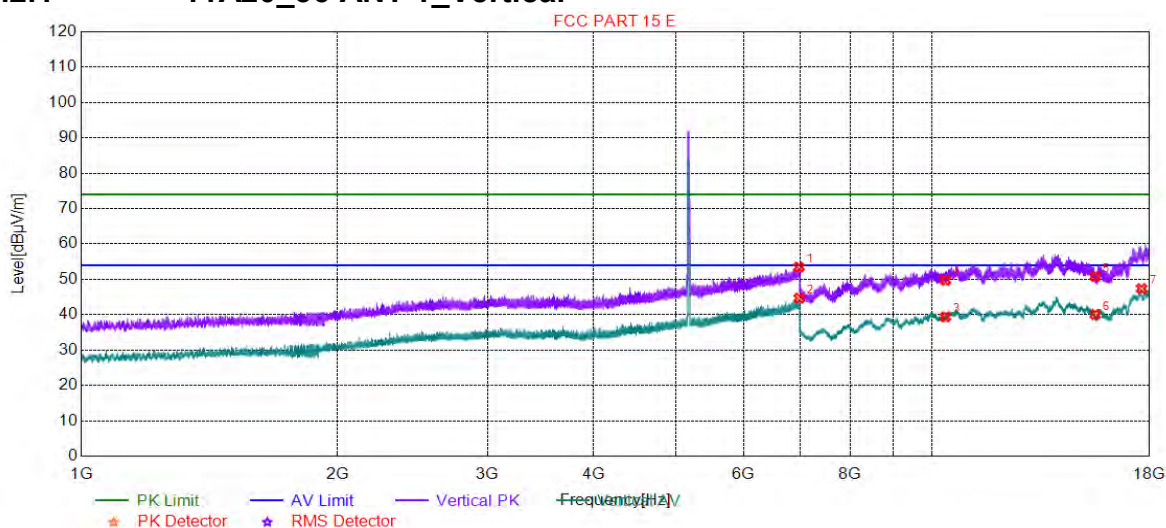


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.3.2 Transmitter emission above 1GHz

4.3.2.1 11A20_36 ANT 1_Vertical

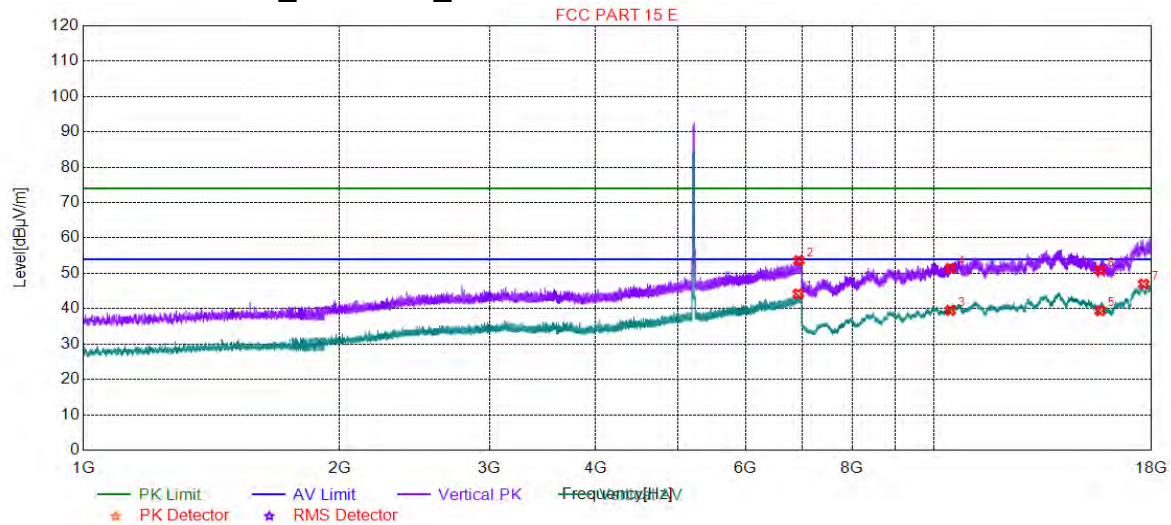


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.29	53.44	12.66	74.00	20.56	150	141	Vertical
2	6977.49	44.68	12.69	54.00	9.32	150	227	Vertical
3	10360.0	39.40	-5.35	54.00	14.60	150	105	Vertical
4	10360.0	49.71	-5.35	74.00	24.29	150	307	Vertical
5	15540.0	50.80	-3.26	74.00	23.20	150	249	Vertical
6	15540.0	40.09	-3.26	54.00	13.91	150	76	Vertical
7	17612.2	47.36	1.31	54.00	6.64	150	192	Vertical



4.3.2.2 11A20_44 ANT 1_Vertical

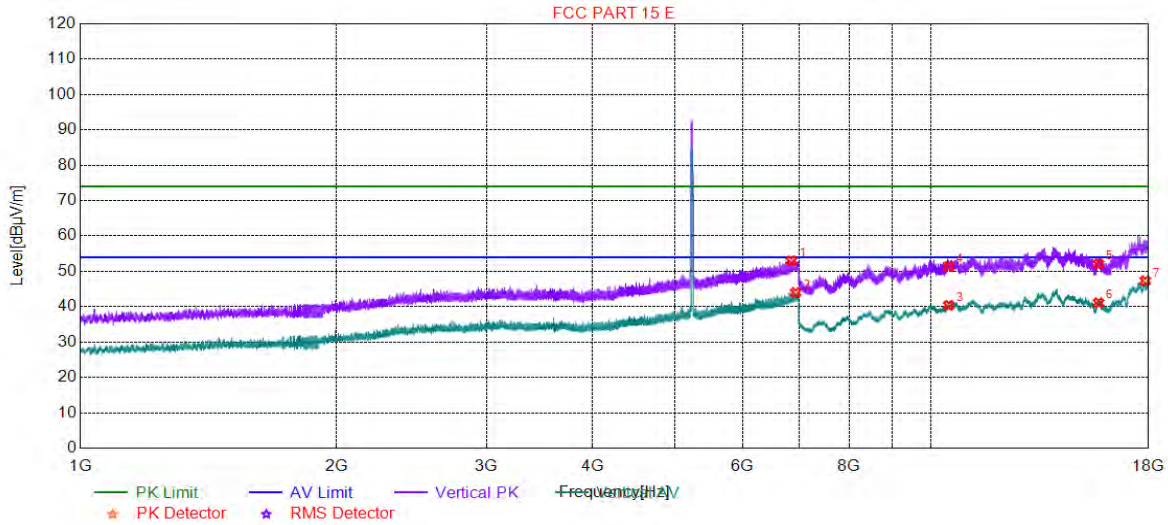


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.09	44.23	12.48	54.00	9.77	150	342	Vertical
2	6930.39	53.66	12.51	74.00	20.34	150	313	Vertical
3	10440.0	39.54	-4.92	54.00	14.46	150	307	Vertical
4	10440.0	51.46	-4.92	74.00	22.54	150	192	Vertical
5	15660.0	39.44	-3.54	54.00	14.56	150	47	Vertical
6	15660.0	50.85	-3.54	74.00	23.15	150	47	Vertical
7	17620.4	46.98	1.10	54.00	7.02	150	105	Vertical



4.3.2.3 11A20_48 ANT 1_Vertical

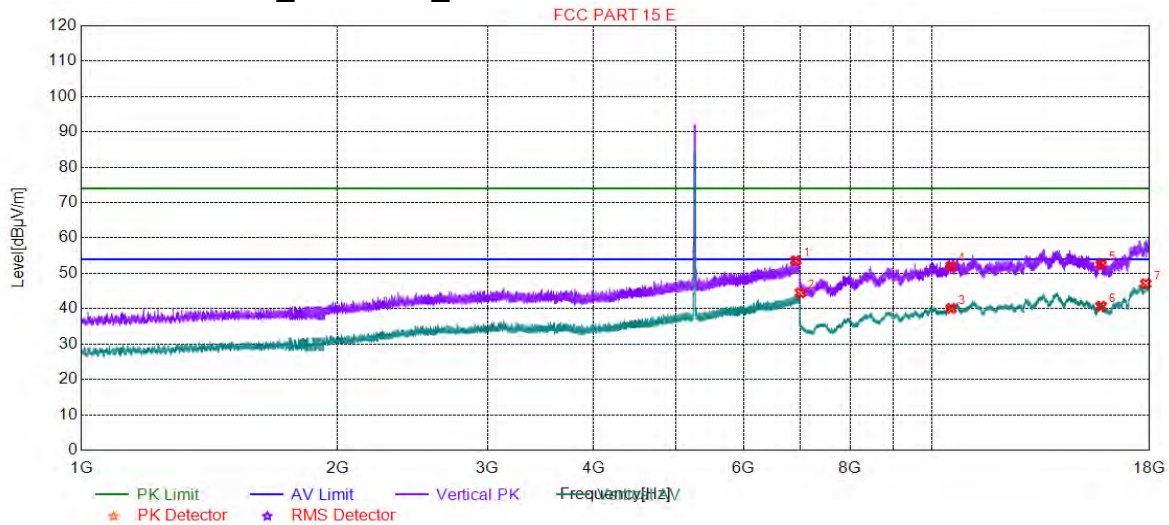


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6846.99	52.99	12.20	74.00	21.01	150	56	Vertical
2	6924.99	44.01	12.49	54.00	9.99	150	171	Vertical
3	10480.0	40.38	-4.49	54.00	13.62	150	307	Vertical
4	10480.0	51.38	-4.49	74.00	22.62	150	163	Vertical
5	15720.0	52.09	-2.65	74.00	21.91	150	250	Vertical
6	15720.0	41.10	-2.65	54.00	12.90	150	278	Vertical
7	17838.8	47.32	-0.90	54.00	6.68	150	76	Vertical



4.3.2.4 11A20_52 ANT 1_Vertical

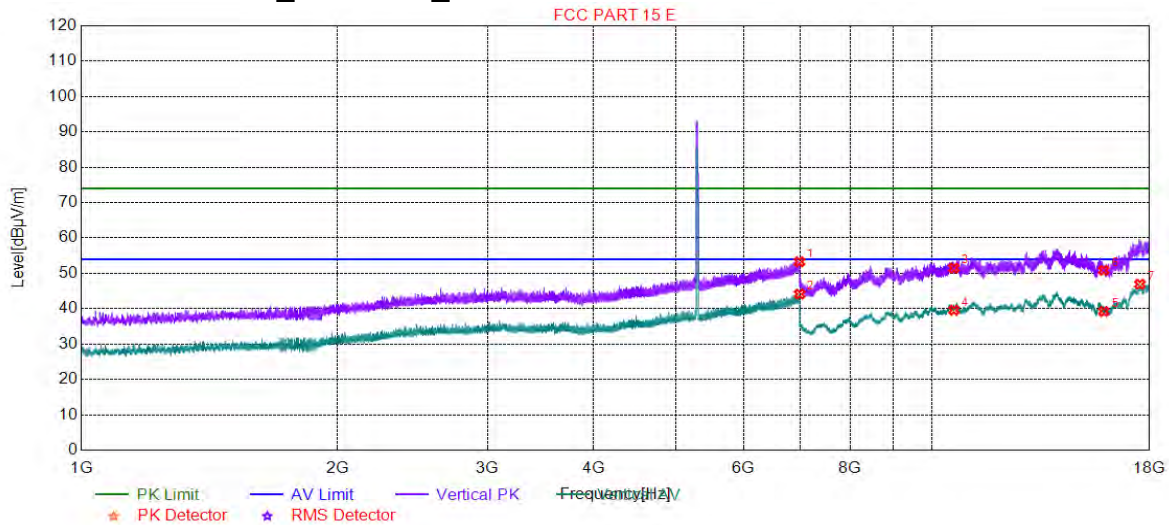


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.69	53.58	12.44	74.00	20.42	150	256	Vertical
2	6997.59	44.47	12.76	54.00	9.53	150	112	Vertical
3	10520.0	40.07	-4.37	54.00	13.93	150	359	Vertical
4	10520.0	52.03	-4.37	74.00	21.97	150	47	Vertical
5	15780.0	52.52	-2.36	74.00	21.48	150	105	Vertical
6	15780.0	40.70	-2.36	54.00	13.30	150	18	Vertical
7	17814.0	47.08	-0.82	54.00	6.92	150	249	Vertical



4.3.2.5 11A20_60 ANT 1_Vertical



Suspected List

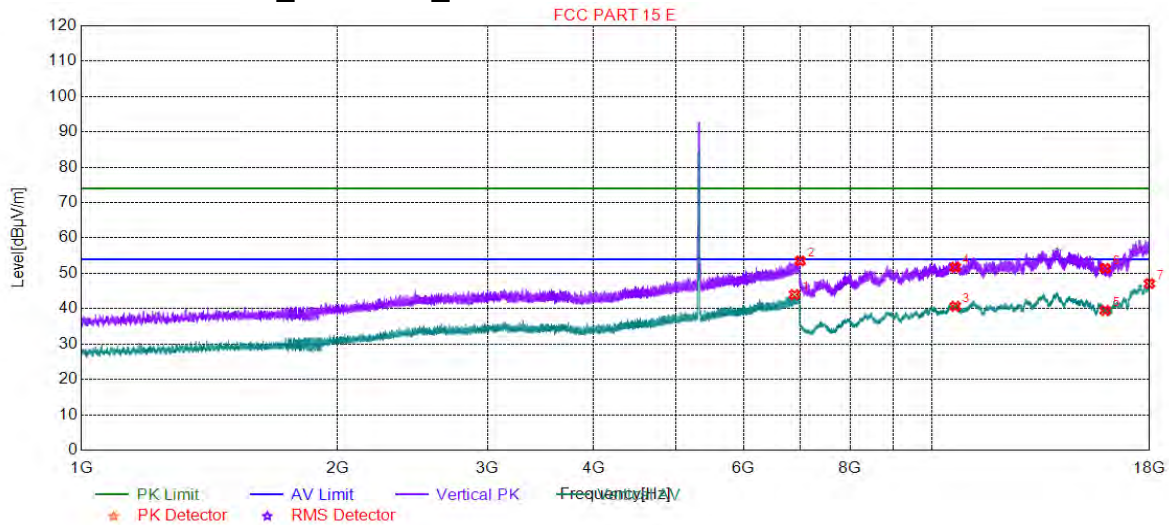
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.29	53.29	12.69	74.00	20.71	150	140	Vertical
2	6982.29	44.13	12.70	54.00	9.87	150	313	Vertical
3	10600.0	51.50	-4.75	74.00	22.50	150	220	Vertical
4	10600.0	39.59	-4.75	54.00	14.41	150	48	Vertical
5	15900.0	39.22	-3.75	54.00	14.78	150	18	Vertical
6	15900.0	50.84	-3.75	74.00	23.16	150	134	Vertical
7	17532.4	46.94	0.77	54.00	7.06	150	134	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com

4.3.2.6 11A20_64 ANT 1_Vertical

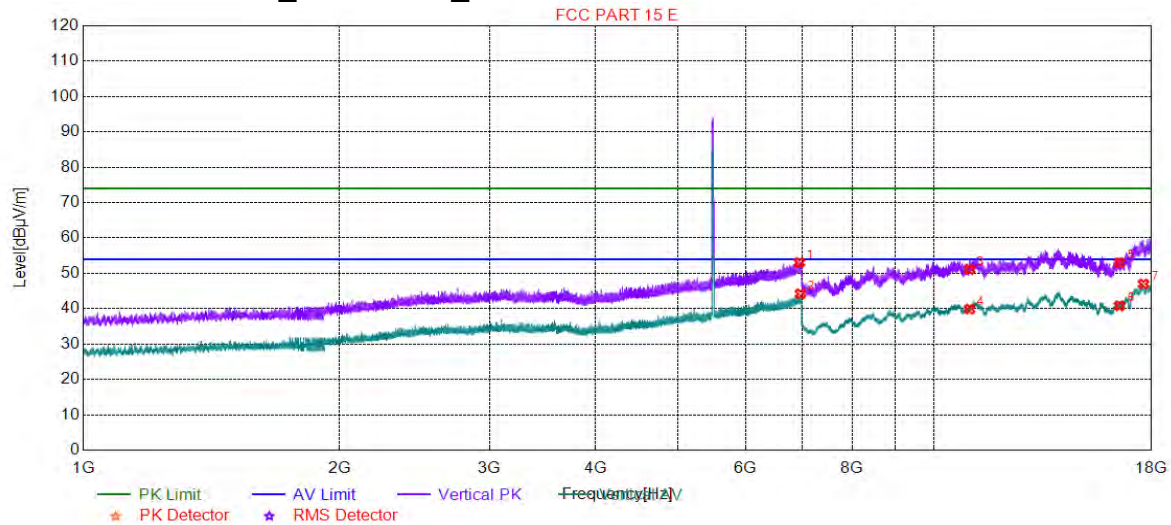


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6887.19	43.99	12.35	54.00	10.01	150	342	Vertical
2	6992.49	53.50	12.74	74.00	20.50	150	83	Vertical
3	10640.0	40.66	-4.69	54.00	13.34	150	307	Vertical
4	10640.0	51.73	-4.69	74.00	22.27	150	336	Vertical
5	15960.0	39.49	-3.70	54.00	14.51	150	133	Vertical
6	15960.0	51.42	-3.70	74.00	22.58	150	307	Vertical
7	17988.9	47.10	-0.43	54.00	6.90	150	18	Vertical



4.3.2.7 11A20_100 ANT 1_Vertical

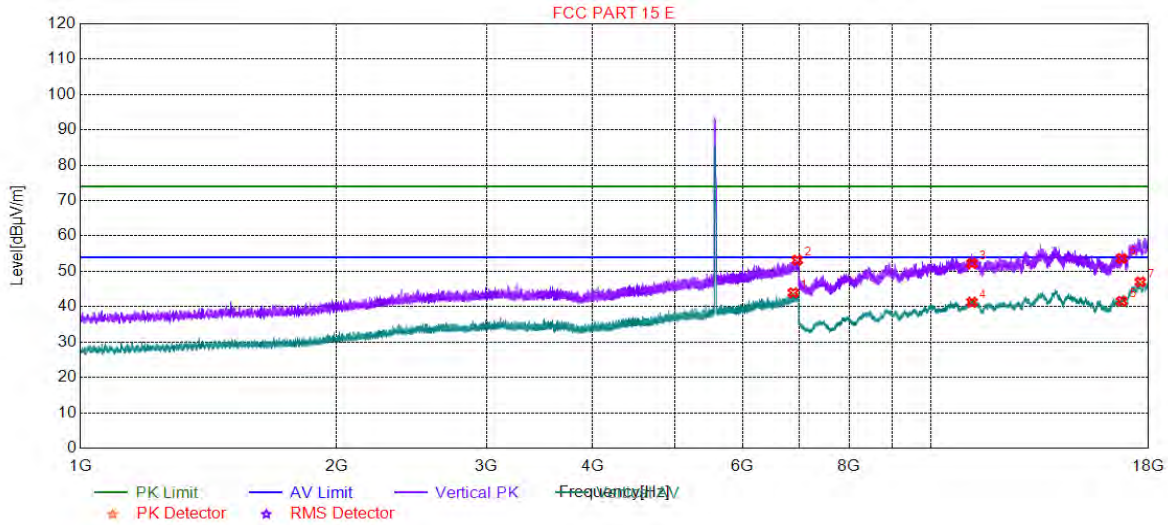


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.99	53.02	12.55	74.00	20.98	150	285	Vertical
2	6962.19	44.22	12.63	54.00	9.78	150	199	Vertical
3	11000.0	51.12	-4.28	74.00	22.88	150	359	Vertical
4	11000.0	39.91	-4.28	54.00	14.09	150	18	Vertical
5	16500.0	53.05	-3.62	74.00	20.95	150	190	Vertical
6	16500.0	40.80	-3.62	54.00	13.20	150	248	Vertical
7	17608.9	47.00	1.40	54.00	7.00	150	248	Vertical



4.3.2.8 11A20_116 ANT 1_Vertical

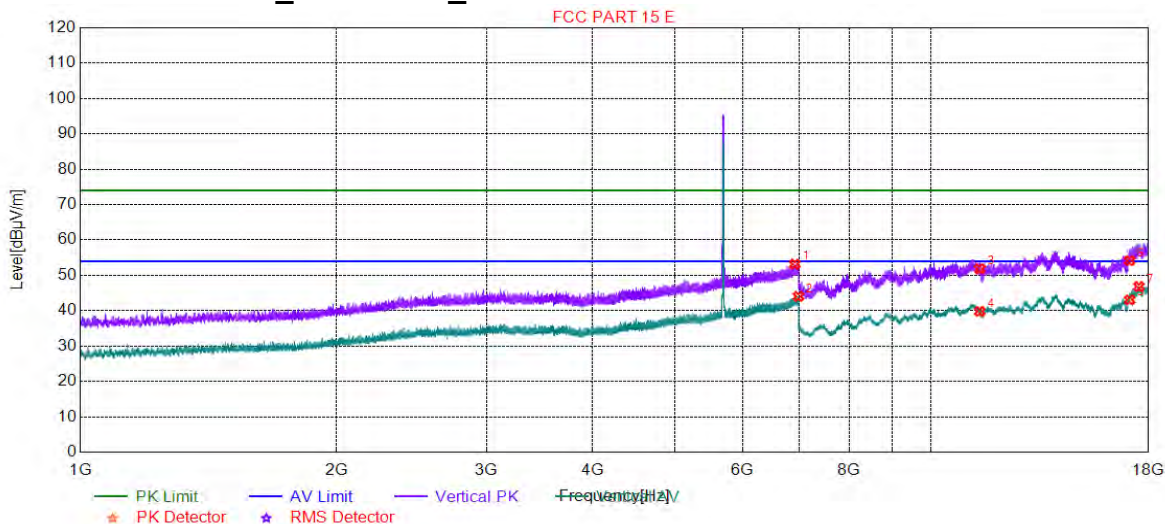


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6882.39	43.93	12.33	54.00	10.07	150	0	Vertical
2	6955.29	53.16	12.60	74.00	20.84	150	257	Vertical
3	11160.0	52.21	-3.43	74.00	21.79	150	359	Vertical
4	11160.0	41.24	-3.43	54.00	12.76	150	306	Vertical
5	16740.0	41.58	-3.33	54.00	12.42	150	249	Vertical
6	16740.0	53.64	-3.33	74.00	20.36	150	220	Vertical
7	17601.7	47.00	1.58	54.00	7.00	150	249	Vertical



4.3.2.9 11A20_140 ANT 1_Vertical



Suspected List

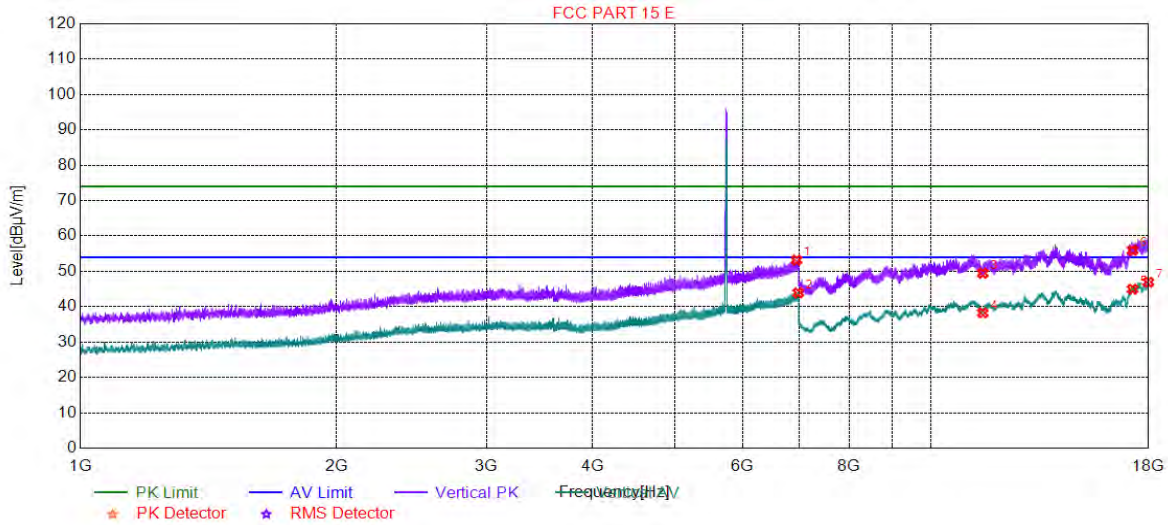
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.39	53.17	12.43	74.00	20.83	150	135	Vertical
2	6978.39	44.04	12.69	54.00	9.96	150	135	Vertical
3	11400.0	51.81	-4.42	74.00	22.19	150	335	Vertical
4	11400.0	39.81	-4.42	54.00	14.19	150	306	Vertical
5	17100.0	43.05	-3.09	54.00	10.95	150	47	Vertical
6	17100.0	54.15	-3.09	74.00	19.85	150	278	Vertical
7	17535.2	46.81	0.80	54.00	7.19	150	220	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.3.2.10 11A20_149 ANT 1_Vertical



Suspected List

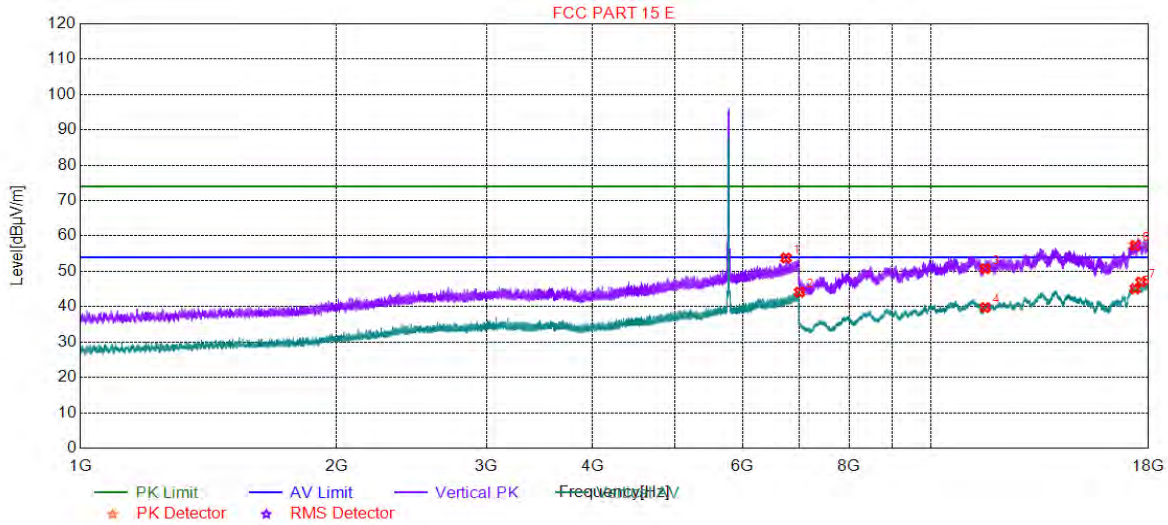
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6943.29	53.18	12.56	74.00	20.82	150	256	Vertical
2	6974.49	43.93	12.68	54.00	10.07	150	55	Vertical
3	11490.0	49.48	-5.65	74.00	24.52	150	338	Vertical
4	11490.0	38.25	-5.65	54.00	15.75	150	105	Vertical
5	17235.0	44.96	-1.47	54.00	9.04	150	134	Vertical
6	17235.0	55.95	-1.47	74.00	18.05	150	134	Vertical
7	17992.2	46.92	-0.41	54.00	7.08	150	193	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.3.2.11 11A20_157 ANT 1_Vertical

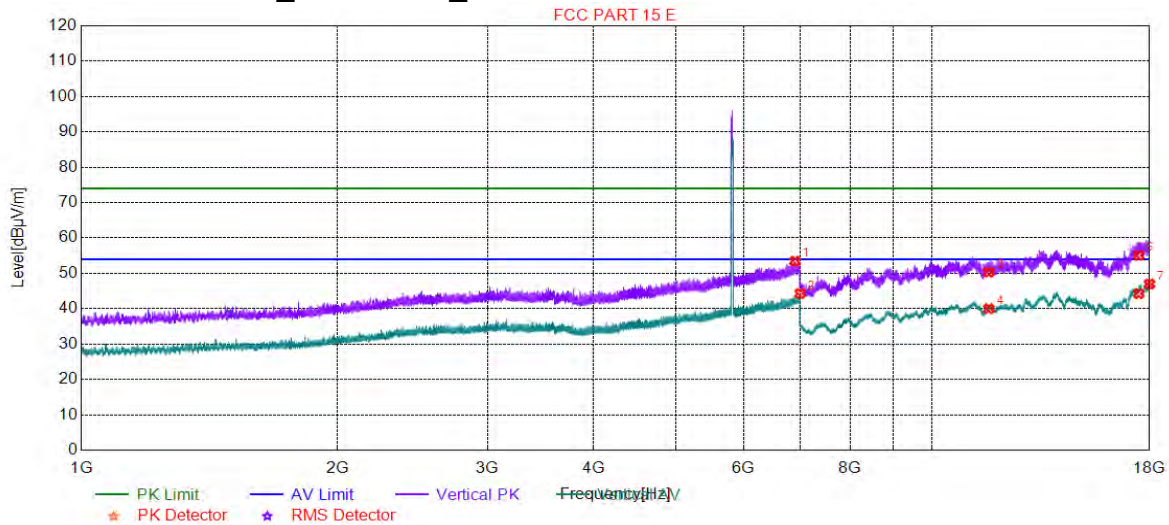


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6747.68	53.77	11.83	74.00	20.23	150	256	Vertical
2	6999.70	44.09	12.77	54.00	9.91	150	112	Vertical
3	11570.0	50.75	-3.87	74.00	23.25	150	278	Vertical
4	11570.0	39.76	-3.87	54.00	14.24	150	163	Vertical
5	17355.0	45.06	-1.07	54.00	8.94	150	220	Vertical
6	17355.0	57.28	-1.07	74.00	16.72	150	76	Vertical
7	17627.6	46.98	0.91	54.00	7.02	150	191	Vertical



4.3.2.12 11A20_165 ANT 1_Vertical



Suspected List

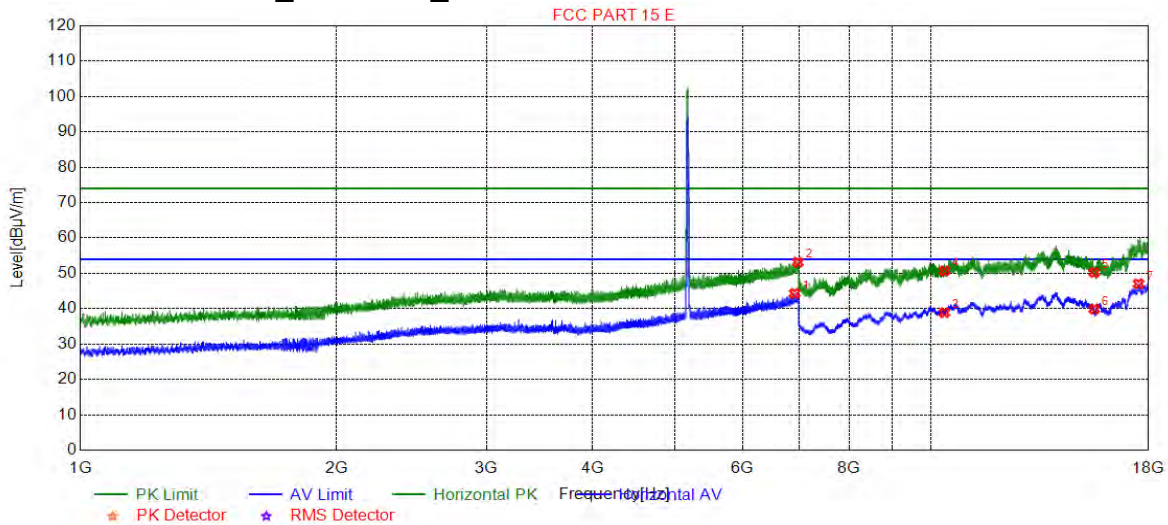
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6895.59	53.46	12.38	74.00	20.54	150	56	Vertical
2	6991.29	44.31	12.74	54.00	9.69	150	112	Vertical
3	11650.0	50.31	-3.16	74.00	23.69	150	47	Vertical
4	11650.0	40.02	-3.16	54.00	13.98	150	221	Vertical
5	17475.0	44.23	0.02	54.00	9.77	150	135	Vertical
6	17475.0	55.06	0.02	74.00	18.94	150	76	Vertical
7	17997.2	47.00	-0.37	54.00	7.00	150	250	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com

4.3.2.13 11A20_36 ANT 1_Horizontal

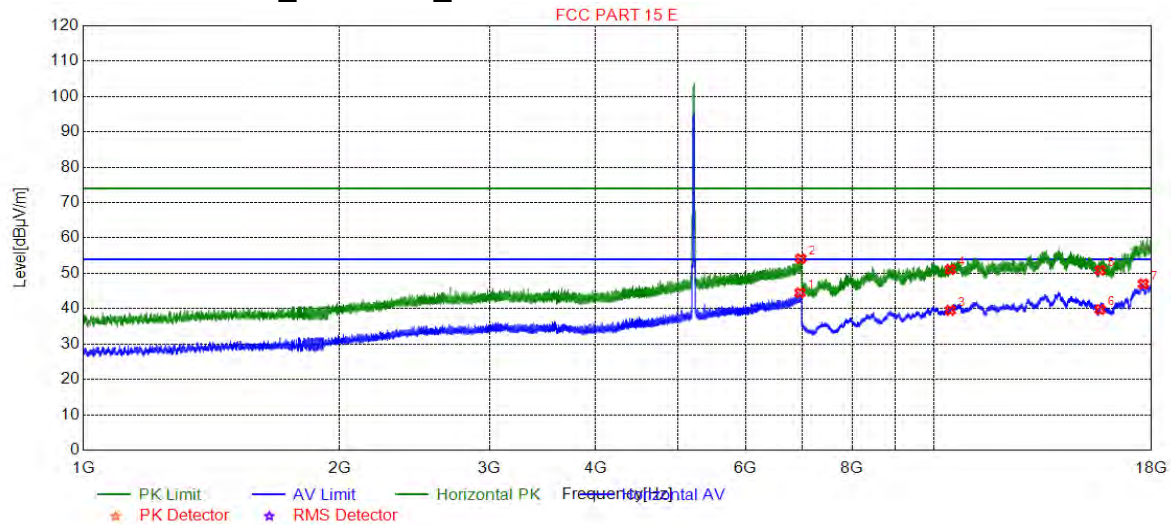


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6906.69	44.33	12.42	54.00	9.67	150	133	Horizontal
2	6968.49	53.14	12.65	74.00	20.86	150	191	Horizontal
3	10360.0	38.89	-5.35	54.00	15.11	150	227	Horizontal
4	10360.0	50.68	-5.35	74.00	23.32	150	169	Horizontal
5	15540.0	50.24	-3.26	74.00	23.76	150	197	Horizontal
6	15540.0	39.89	-3.26	54.00	14.11	150	112	Horizontal
7	17515.9	47.07	0.55	54.00	6.93	150	25	Horizontal



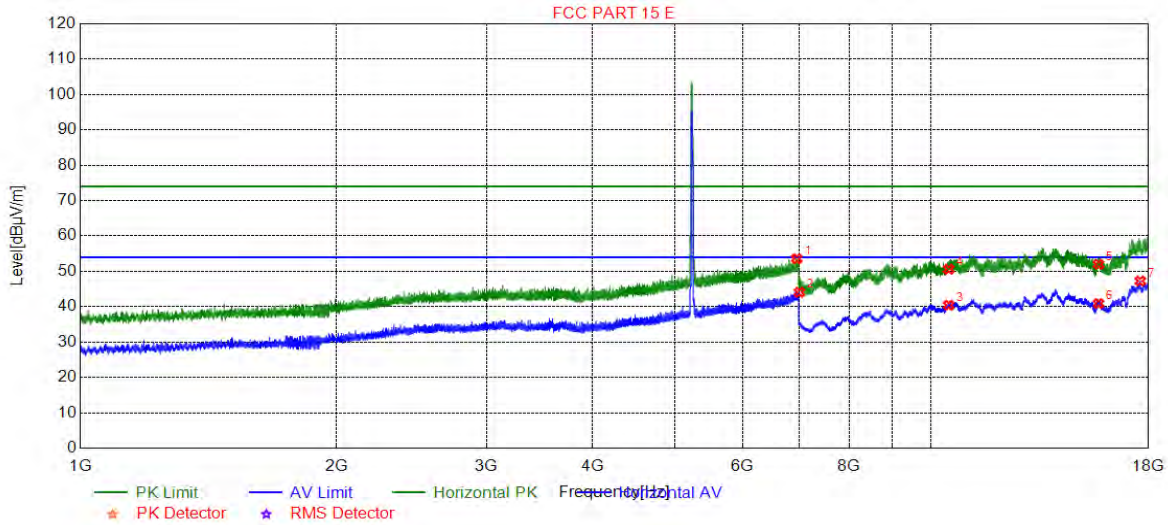
4.3.2.14 11A20_44 ANT 1_ Horizontal



Suspected List

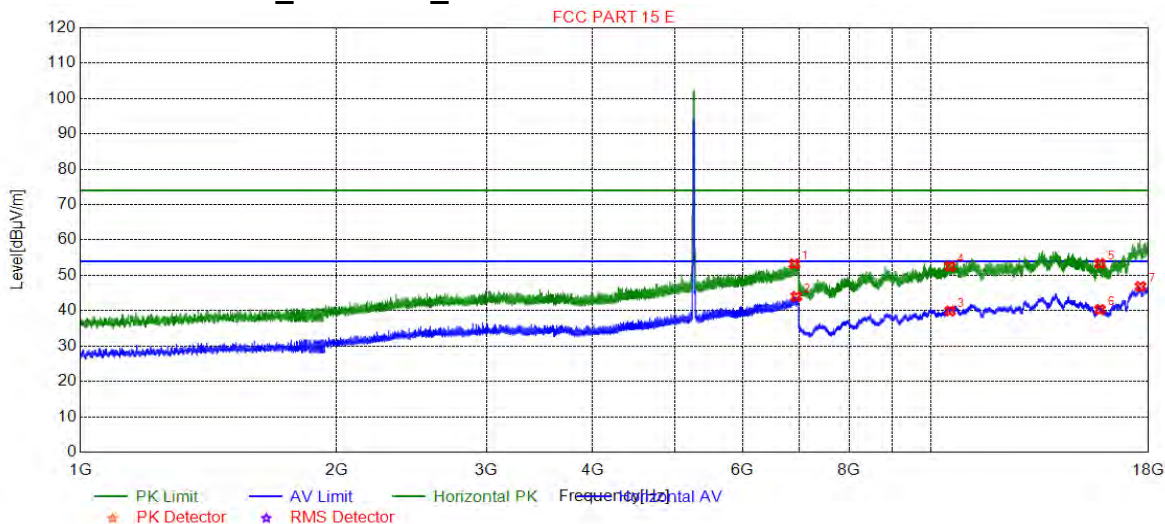
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.39	44.51	12.59	54.00	9.49	150	103	Horizontal
2	6964.29	54.13	12.64	74.00	19.87	150	161	Horizontal
3	10440.0	39.56	-4.92	54.00	14.44	150	209	Horizontal
4	10440.0	51.10	-4.92	74.00	22.90	150	40	Horizontal
5	15660.0	50.87	-3.54	74.00	23.13	150	209	Horizontal
6	15660.0	39.75	-3.54	54.00	14.25	150	278	Horizontal
7	17600.1	47.01	1.63	54.00	6.99	150	133	Horizontal

4.3.2.15 11A20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.99	53.58	12.57	74.00	20.42	150	304	Horizontal
2	6998.19	44.07	12.76	54.00	9.93	150	18	Horizontal
3	10480.0	40.42	-4.49	54.00	13.58	150	197	Horizontal
4	10480.0	50.59	-4.49	74.00	23.41	150	168	Horizontal
5	15720.0	51.99	-2.65	74.00	22.01	150	138	Horizontal
6	15720.0	40.89	-2.65	54.00	13.11	150	283	Horizontal
7	17597.9	47.27	1.60	54.00	6.73	150	254	Horizontal

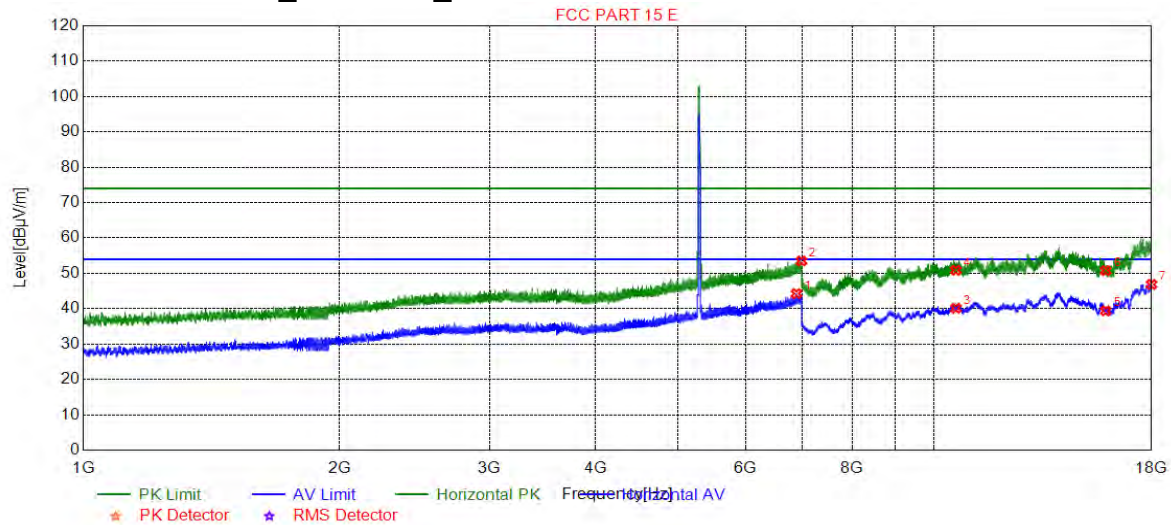
4.3.2.16 11A20_52 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6903.99	53.23	12.41	74.00	20.77	150	47	Horizontal
2	6939.39	43.99	12.55	54.00	10.01	150	197	Horizontal
3	10520.0	39.93	-4.37	54.00	14.07	150	196	Horizontal
4	10520.0	52.53	-4.37	74.00	21.47	150	196	Horizontal
5	15780.0	53.36	-2.36	74.00	20.64	150	342	Horizontal
6	15780.0	40.32	-2.36	54.00	13.68	150	284	Horizontal
7	17609.4	46.83	1.38	54.00	7.17	150	226	Horizontal

4.3.2.17 11A20_60 ANT 1_ Horizontal

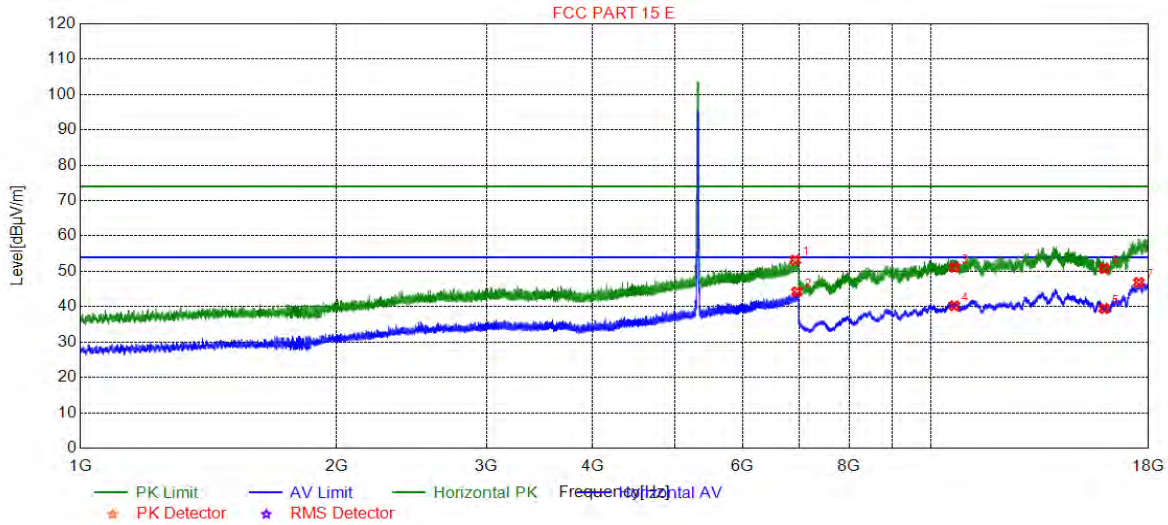


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.89	44.28	12.35	54.00	9.72	150	132	Horizontal
2	6980.19	53.50	12.70	74.00	20.50	150	132	Horizontal
3	10600.0	40.12	-4.75	54.00	13.88	150	342	Horizontal
4	10600.0	50.87	-4.75	74.00	23.13	150	226	Horizontal
5	15900.0	39.40	-3.75	54.00	14.60	150	1	Horizontal
6	15900.0	50.75	-3.75	74.00	23.25	150	342	Horizontal
7	17999.4	46.85	-0.35	54.00	7.15	150	82	Horizontal



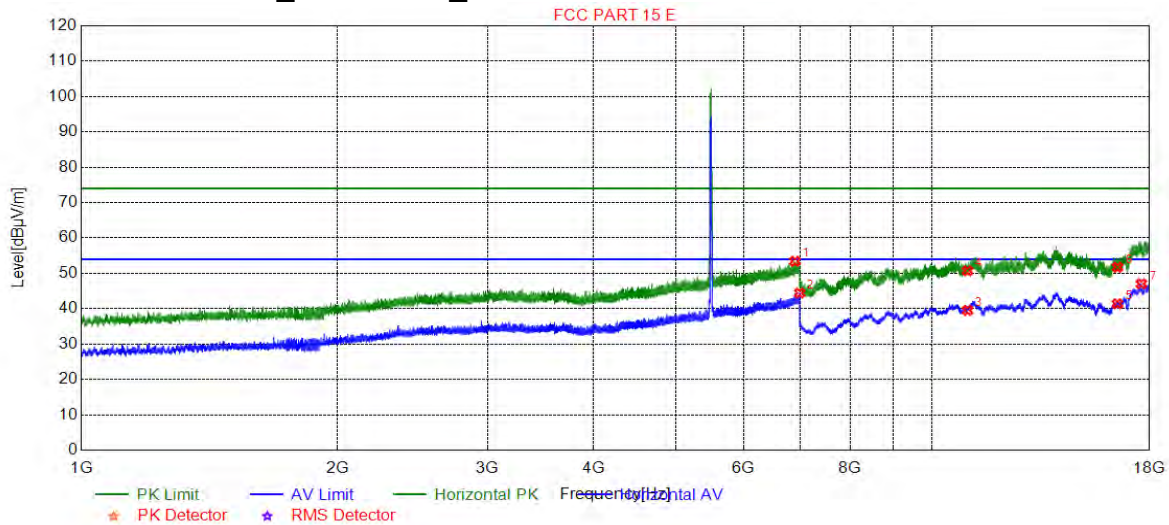
4.3.2.18 11A20_64 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6918.69	53.19	12.47	74.00	20.81	150	332	Horizontal
2	6949.29	44.21	12.58	54.00	9.79	150	332	Horizontal
3	10640.0	51.13	-4.69	74.00	22.87	150	313	Horizontal
4	10640.0	40.26	-4.69	54.00	13.74	150	1	Horizontal
5	15960.0	39.49	-3.70	54.00	14.51	150	168	Horizontal
6	15960.0	50.83	-3.70	74.00	23.17	150	81	Horizontal
7	17528.6	46.85	0.72	54.00	7.15	150	342	Horizontal

4.3.2.19 11A20_100 ANT 1_ Horizontal

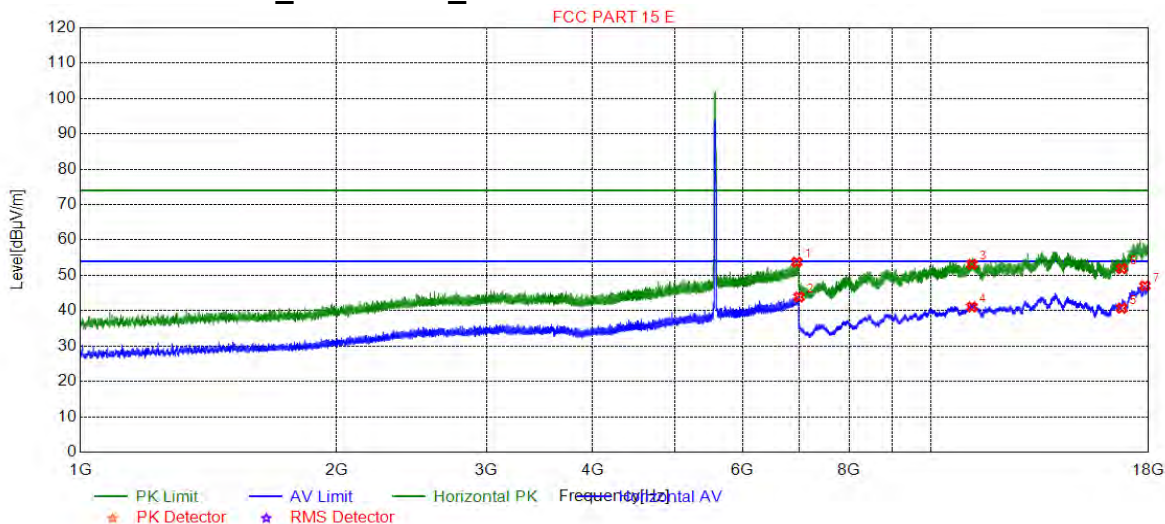


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6895.29	53.42	12.38	74.00	20.58	150	77	Horizontal
2	6982.89	44.43	12.71	54.00	9.57	150	77	Horizontal
3	11000.0	39.53	-4.28	54.00	14.47	150	80	Horizontal
4	11000.0	50.69	-4.28	74.00	23.31	150	313	Horizontal
5	16500.0	41.38	-3.62	54.00	12.62	150	166	Horizontal
6	16500.0	51.71	-3.62	74.00	22.29	150	109	Horizontal
7	17602.8	47.06	1.56	54.00	6.94	150	282	Horizontal



4.3.2.20 11A20_116 ANT 1_ Horizontal

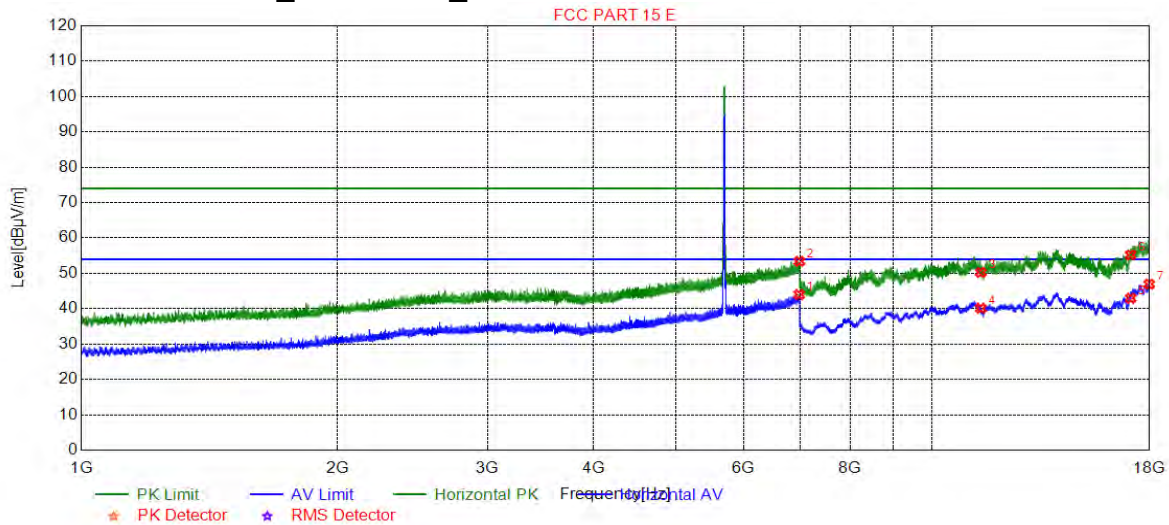


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.29	53.75	12.57	74.00	20.25	150	359	Horizontal
2	6989.19	43.88	12.73	54.00	10.12	150	18	Horizontal
3	11160.0	53.14	-3.43	74.00	20.86	150	80	Horizontal
4	11160.0	41.07	-3.43	54.00	12.93	150	254	Horizontal
5	16740.0	40.70	-3.33	54.00	13.30	150	313	Horizontal
6	16740.0	51.90	-3.33	74.00	22.10	150	196	Horizontal
7	17821.7	47.03	-0.84	54.00	6.97	150	282	Horizontal



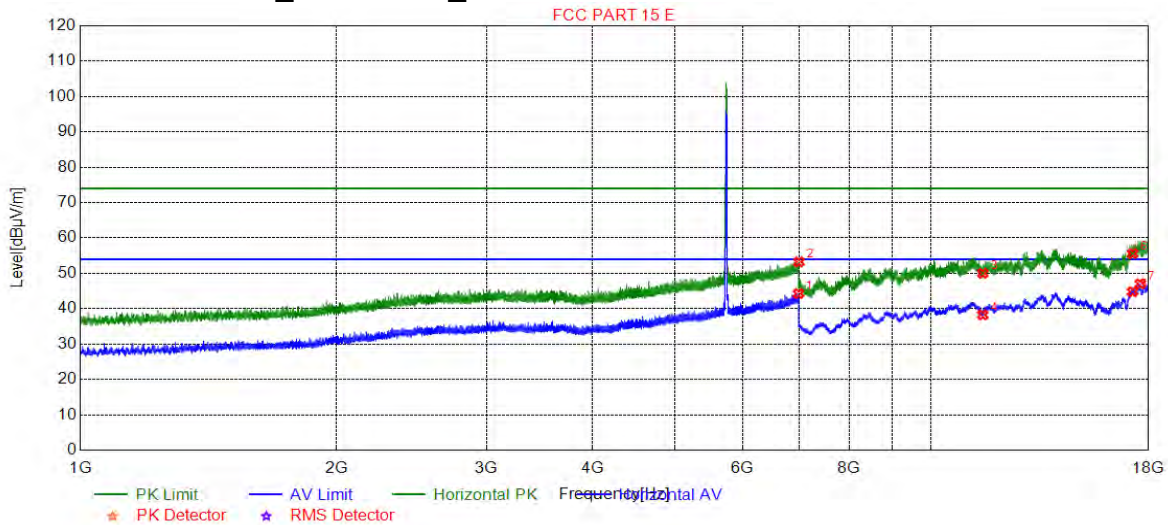
4.3.2.21 11A20_140 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	43.99	12.67	54.00	10.01	150	133	Horizontal
2	6977.49	53.39	12.69	74.00	20.61	150	47	Horizontal
3	11400.0	50.25	-4.42	74.00	23.75	150	69	Horizontal
4	11400.0	40.11	-4.42	54.00	13.89	150	253	Horizontal
5	17100.0	42.95	-3.09	54.00	11.05	150	11	Horizontal
6	17100.0	55.22	-3.09	74.00	18.78	150	132	Horizontal
7	17983.4	46.93	-0.48	54.00	7.07	150	11	Horizontal

4.3.2.22 11A20_149 ANT 1_ Horizontal

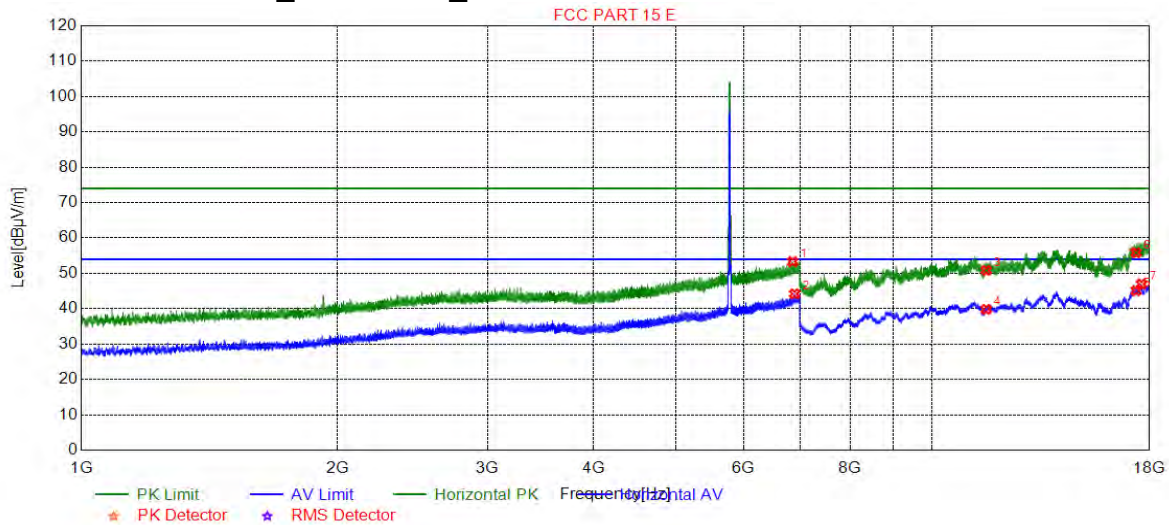


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.89	44.28	12.70	54.00	9.72	150	104	Horizontal
2	6988.89	53.23	12.73	74.00	20.77	150	162	Horizontal
3	11490.0	50.02	-5.65	74.00	23.98	150	163	Horizontal
4	11490.0	38.26	-5.65	54.00	15.74	150	283	Horizontal
5	17235.0	44.81	-1.47	54.00	9.19	150	342	Horizontal
6	17235.0	55.57	-1.47	74.00	18.43	150	254	Horizontal
7	17601.2	47.05	1.60	54.00	6.95	150	17	Horizontal



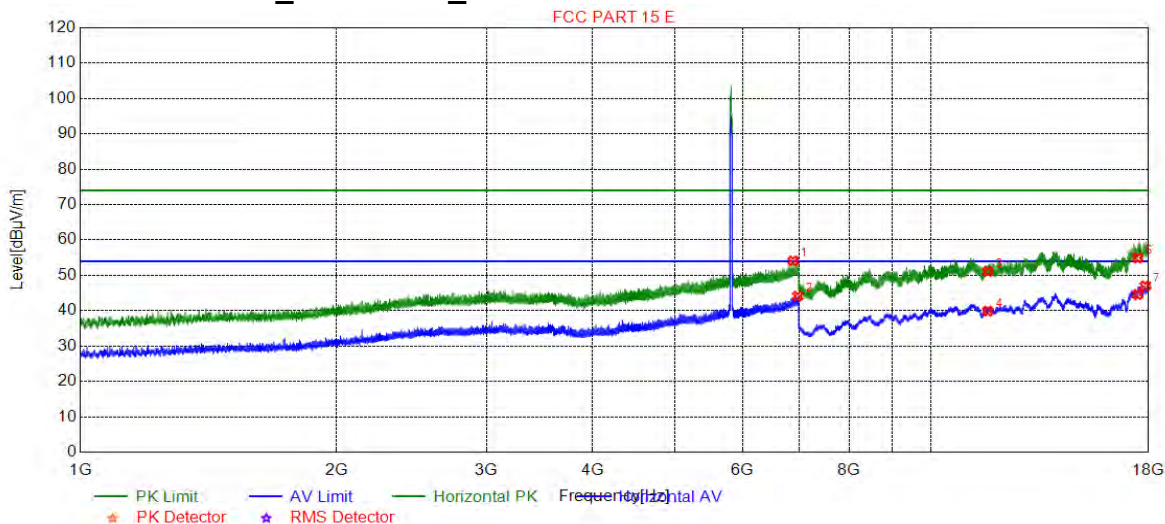
4.3.2.23 11A20_157 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6853.29	53.31	12.22	74.00	20.69	150	191	Horizontal
2	6888.69	44.21	12.36	54.00	9.79	150	276	Horizontal
3	11570.0	50.82	-3.87	74.00	23.18	150	110	Horizontal
4	11570.0	39.80	-3.87	54.00	14.20	150	139	Horizontal
5	17355.0	45.08	-1.07	54.00	8.92	150	226	Horizontal
6	17355.0	55.85	-1.07	74.00	18.15	150	53	Horizontal
7	17611.1	46.98	1.34	54.00	7.02	150	313	Horizontal

4.3.2.24 11A20_165 ANT 1_ Horizontal



Suspected List

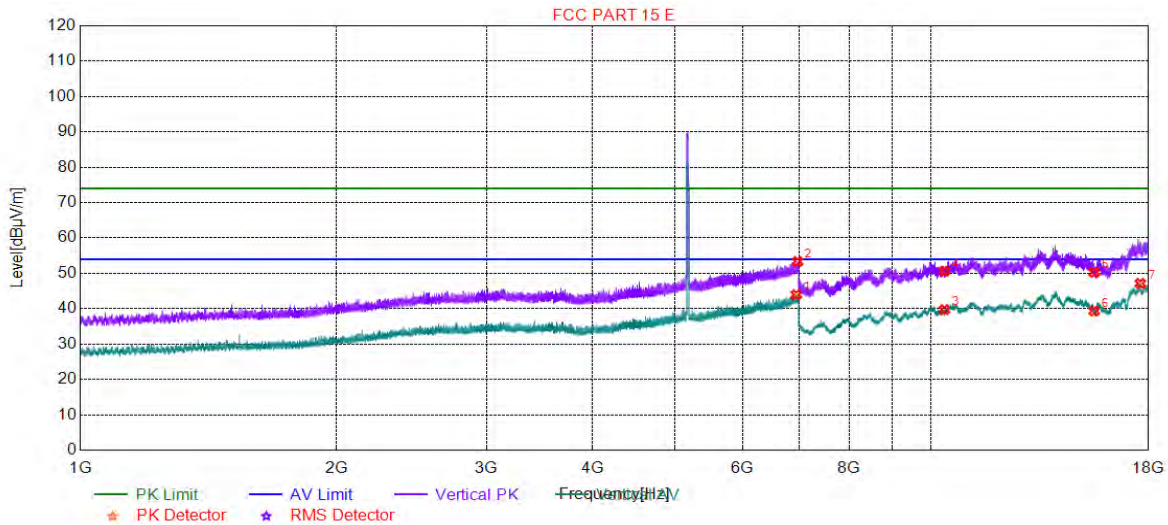
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6881.49	54.09	12.33	74.00	19.91	150	218	Horizontal
2	6965.49	44.12	12.64	54.00	9.88	150	358	Horizontal
3	11650.0	51.13	-3.16	74.00	22.87	150	109	Horizontal
4	11650.0	39.90	-3.16	54.00	14.10	150	22	Horizontal
5	17475.0	44.55	0.02	54.00	9.45	150	0	Horizontal
6	17475.0	54.90	0.02	74.00	19.10	150	312	Horizontal
7	17833.3	46.99	-0.88	54.00	7.01	150	224	Horizontal



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 26012053, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

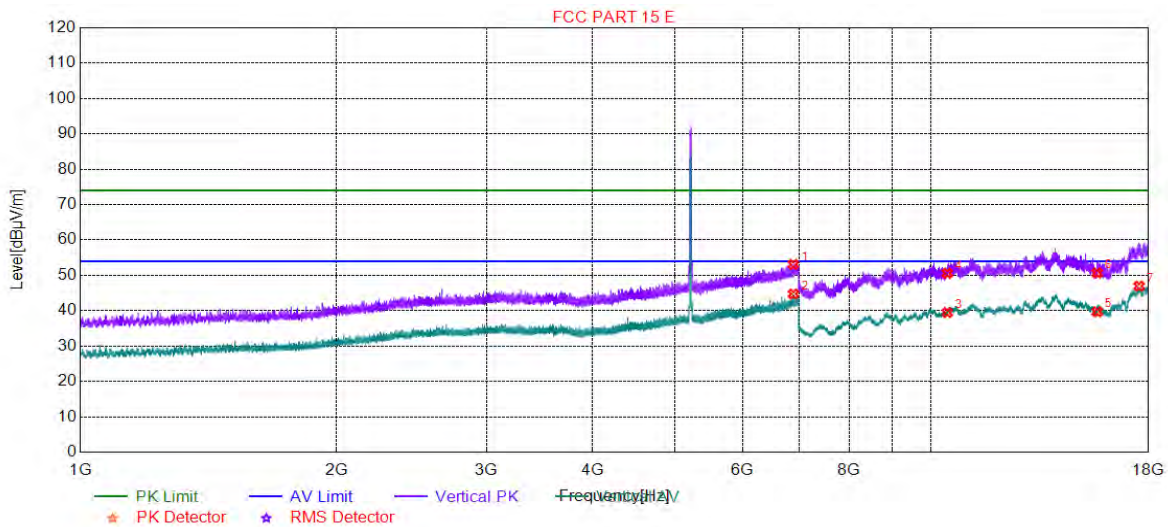
4.3.2.25 11N20_36 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.59	43.97	12.54	54.00	10.03	150	285	Vertical
2	6962.19	53.33	12.63	74.00	20.67	150	56	Vertical
3	10360.0	39.71	-5.35	54.00	14.29	150	105	Vertical
4	10360.0	50.63	-5.35	74.00	23.37	150	220	Vertical
5	15540.0	50.27	-3.26	74.00	23.73	150	192	Vertical
6	15540.0	39.36	-3.26	54.00	14.64	150	220	Vertical
7	17602.8	47.15	1.56	54.00	6.85	150	359	Vertical

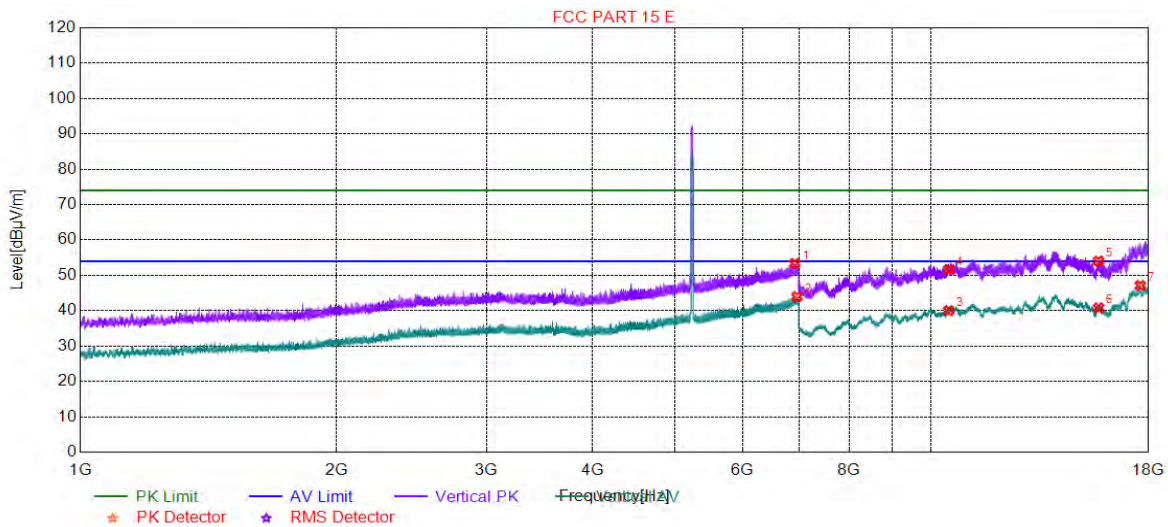
4.3.2.26 11N20_44 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.39	53.10	12.34	74.00	20.90	150	256	Vertical
2	6885.99	44.73	12.35	54.00	9.27	150	170	Vertical
3	10440.0	39.48	-4.92	54.00	14.52	150	221	Vertical
4	10440.0	50.59	-4.92	74.00	23.41	150	359	Vertical
5	15660.0	39.69	-3.54	54.00	14.31	150	308	Vertical
6	15660.0	50.67	-3.54	74.00	23.33	150	163	Vertical
7	17544.5	46.95	0.92	54.00	7.05	150	250	Vertical

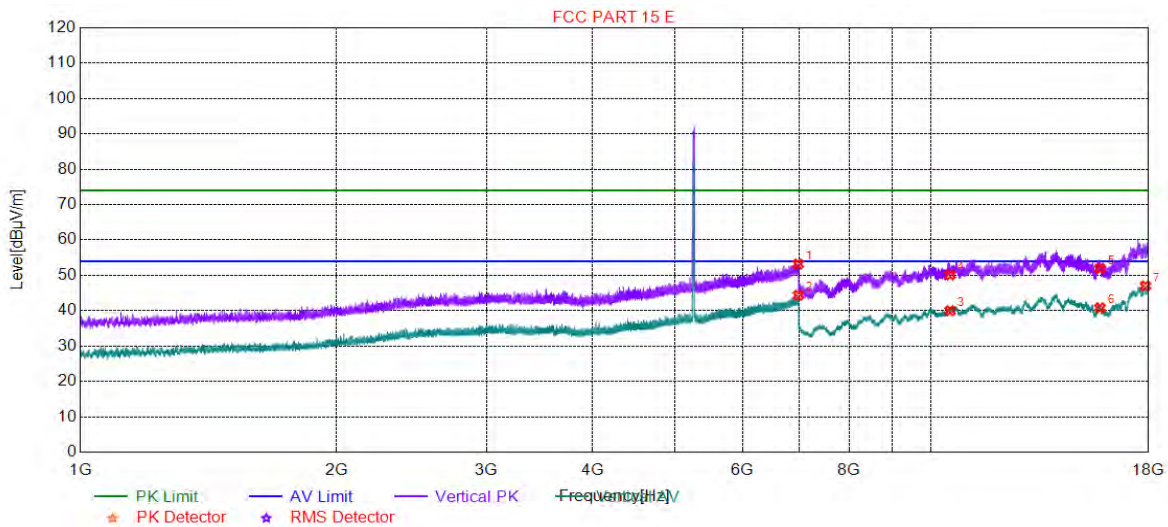
4.3.2.27 11N20_48 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6908.79	53.36	12.43	74.00	20.64	150	84	Vertical
2	6951.69	43.97	12.59	54.00	10.03	150	2	Vertical
3	10480.0	40.03	-4.49	54.00	13.97	150	104	Vertical
4	10480.0	51.70	-4.49	74.00	22.30	150	191	Vertical
5	15720.0	54.04	-2.65	74.00	19.96	150	248	Vertical
6	15720.0	40.80	-2.65	54.00	13.20	150	359	Vertical
7	17596.2	47.14	1.58	54.00	6.86	150	219	Vertical

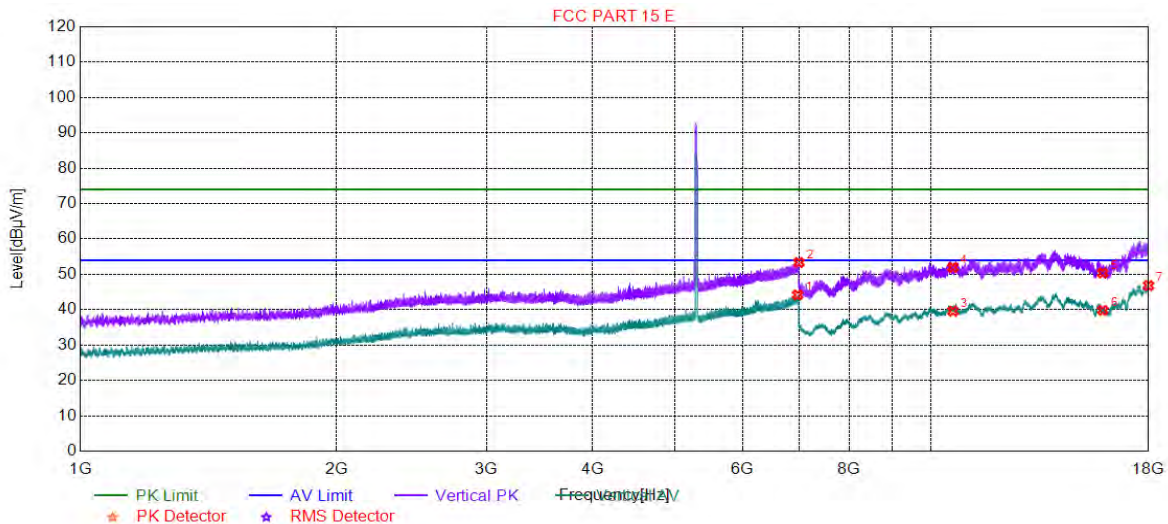
4.3.2.28 11N20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.29	53.19	12.67	74.00	20.81	150	342	Vertical
2	6977.79	44.36	12.69	54.00	9.64	150	2	Vertical
3	10520.0	40.00	-4.37	54.00	14.00	150	279	Vertical
4	10520.0	50.12	-4.37	74.00	23.88	150	220	Vertical
5	15780.0	51.97	-2.36	74.00	22.03	150	192	Vertical
6	15780.0	40.79	-2.36	54.00	13.21	150	192	Vertical
7	17848.7	47.01	-0.94	54.00	6.99	150	220	Vertical

4.3.2.29 11N20_60 ANT 1_Vertical

Test Standard:

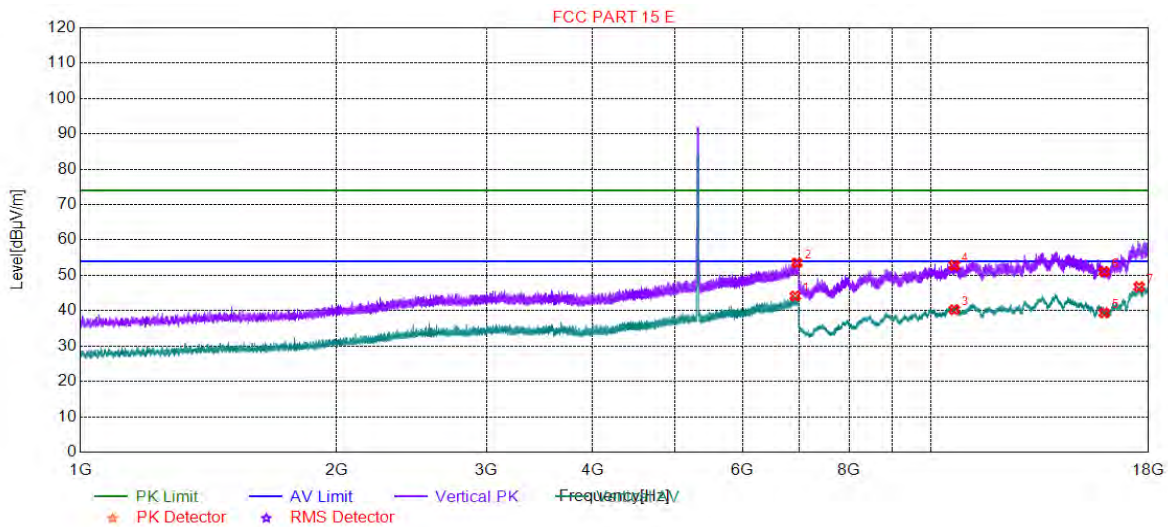


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6964.29	44.20	12.64	54.00	9.80	150	248	Vertical
2	6987.69	53.34	12.72	74.00	20.66	150	190	Vertical
3	10600.0	39.58	-4.75	54.00	14.42	150	250	Vertical
4	10600.0	51.96	-4.75	74.00	22.04	150	76	Vertical
5	15900.0	50.37	-3.75	74.00	23.63	150	18	Vertical
6	15900.0	39.82	-3.75	54.00	14.18	150	47	Vertical
7	17995.5	46.82	-0.38	54.00	7.18	150	359	Vertical

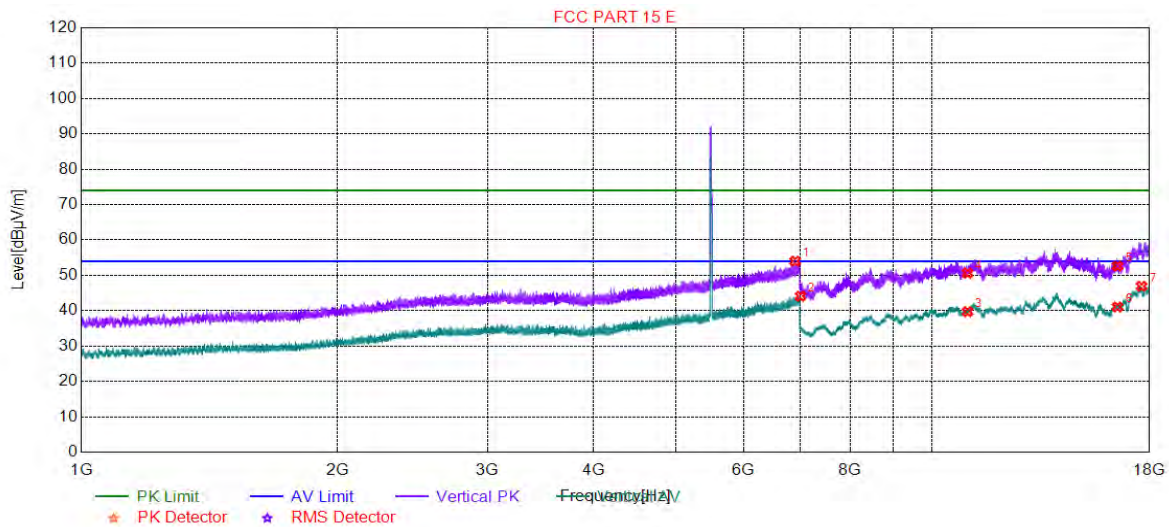


4.3.2.30 11N20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6918.69	44.14	12.47	54.00	9.86	150	142	Vertical
2	6948.39	53.51	12.58	74.00	20.49	150	28	Vertical
3	10640.0	40.27	-4.69	54.00	13.73	150	134	Vertical
4	10640.0	52.82	-4.69	74.00	21.18	150	104	Vertical
5	15960.0	39.41	-3.70	54.00	14.59	150	306	Vertical
6	15960.0	51.04	-3.70	74.00	22.96	150	336	Vertical
7	17540.1	46.74	0.86	54.00	7.26	150	359	Vertical

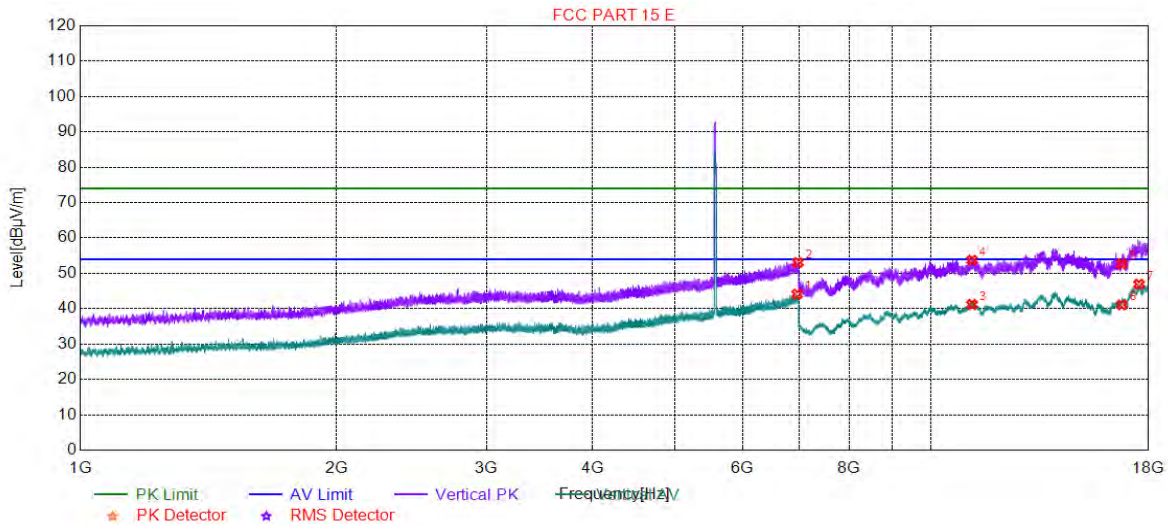
4.3.2.31 11N20_100 ANT 1_Vertical



Suspected List

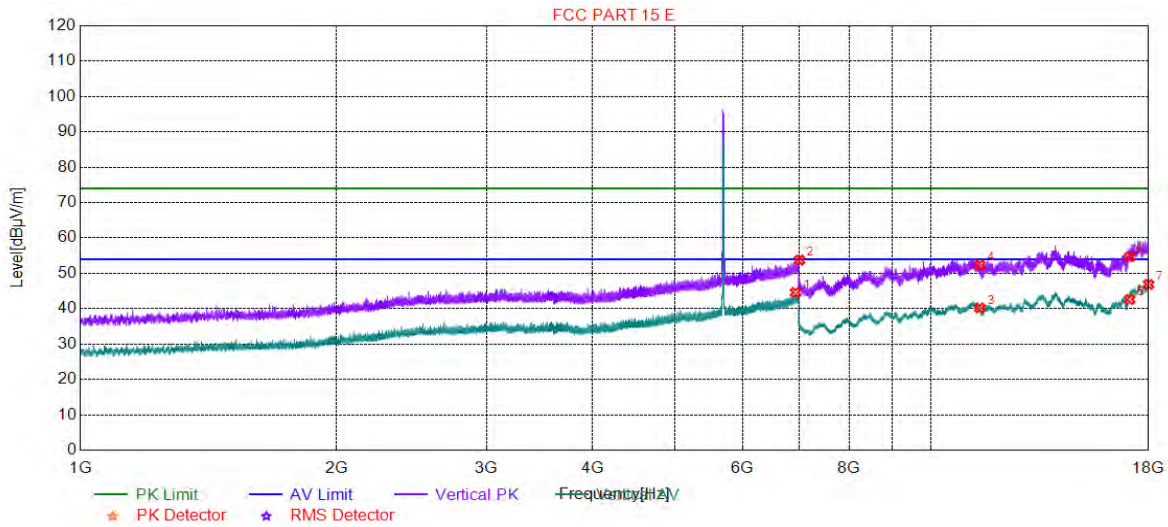
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6898.29	54.01	12.39	74.00	19.99	150	227	Vertical
2	6998.79	44.10	12.77	54.00	9.90	150	227	Vertical
3	11000.0	39.71	-4.28	54.00	14.29	150	76	Vertical
4	11000.0	50.63	-4.28	74.00	23.37	150	359	Vertical
5	16500.0	52.63	-3.62	74.00	21.37	150	76	Vertical
6	16500.0	41.06	-3.62	54.00	12.94	150	335	Vertical
7	17611.6	46.90	1.33	54.00	7.10	150	104	Vertical

4.3.2.32 11N20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.09	44.11	12.60	54.00	9.89	150	198	Vertical
2	6971.49	53.07	12.66	74.00	20.93	150	227	Vertical
3	11160.0	41.19	-3.43	54.00	12.81	150	359	Vertical
4	11160.0	53.73	-3.43	74.00	20.27	150	104	Vertical
5	16740.0	52.70	-3.33	74.00	21.30	150	104	Vertical
6	16740.0	41.10	-3.33	54.00	12.90	150	335	Vertical
7	17538.5	46.92	0.84	54.00	7.08	150	306	Vertical

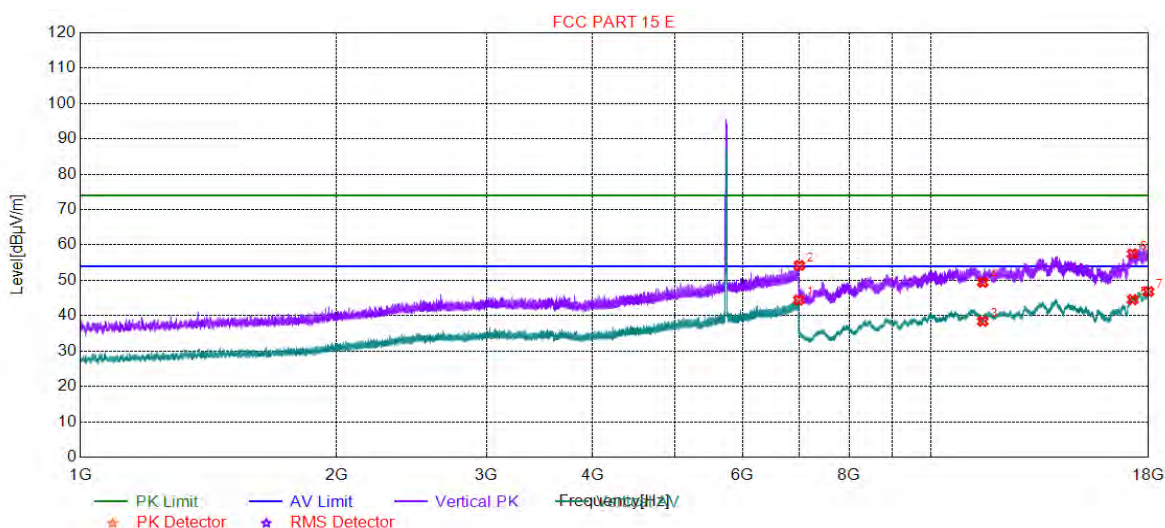
4.3.2.33 11N20_140 ANT 1_Vertical



Suspected List

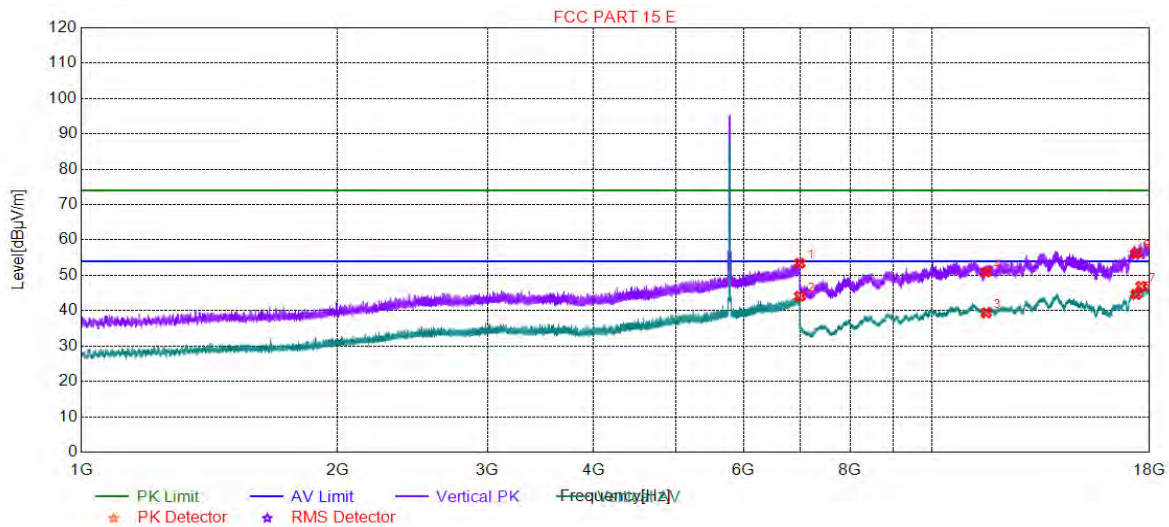
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.69	44.58	12.49	54.00	9.42	150	198	Vertical
2	6998.79	53.75	12.77	74.00	20.25	150	170	Vertical
3	11400.0	40.20	-4.42	54.00	13.80	150	359	Vertical
4	11400.0	52.34	-4.42	74.00	21.66	150	134	Vertical
5	17100.0	42.61	-3.09	54.00	11.39	150	76	Vertical
6	17100.0	54.69	-3.09	74.00	19.31	150	278	Vertical
7	17998.8	46.86	-0.36	54.00	7.14	150	105	Vertical

4.3.2.34 11N20_149 ANT 1_Vertical



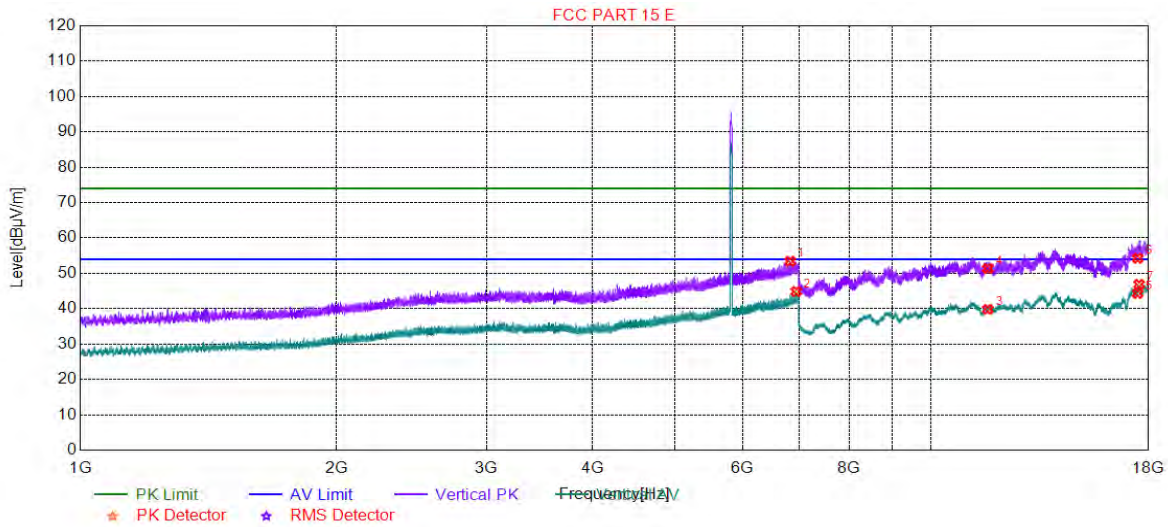
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6983.79	44.44	12.71	54.00	9.56	150	25	Vertical
2	6996.39	54.22	12.76	74.00	19.78	150	25	Vertical
3	11490.0	38.41	-5.65	54.00	15.59	150	359	Vertical
4	11490.0	49.44	-5.65	74.00	24.56	150	191	Vertical
5	17235.0	44.54	-1.47	54.00	9.46	150	359	Vertical
6	17235.0	57.51	-1.47	74.00	16.49	150	133	Vertical

4.3.2.35 11N20_157 ANT 1_Vertical



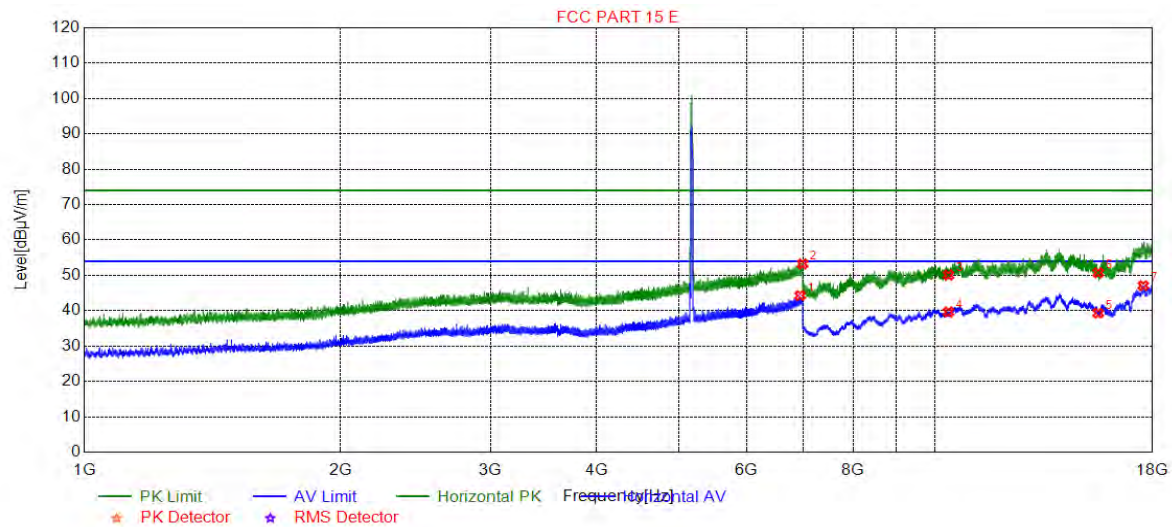
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6984.69	53.40	12.71	74.00	20.60	150	342	Vertical
2	6986.19	44.09	12.72	54.00	9.91	150	141	Vertical
3	11570.0	39.43	-3.87	54.00	14.57	150	162	Vertical
4	11570.0	50.91	-3.87	74.00	23.09	150	133	Vertical
5	17355.0	44.59	-1.07	54.00	9.41	150	47	Vertical
6	17355.0	56.21	-1.07	74.00	17.79	150	18	Vertical
7	17588.0	46.88	1.48	54.00	7.12	150	18	Vertical

4.3.2.36 11N20_165 ANT 1_Vertical



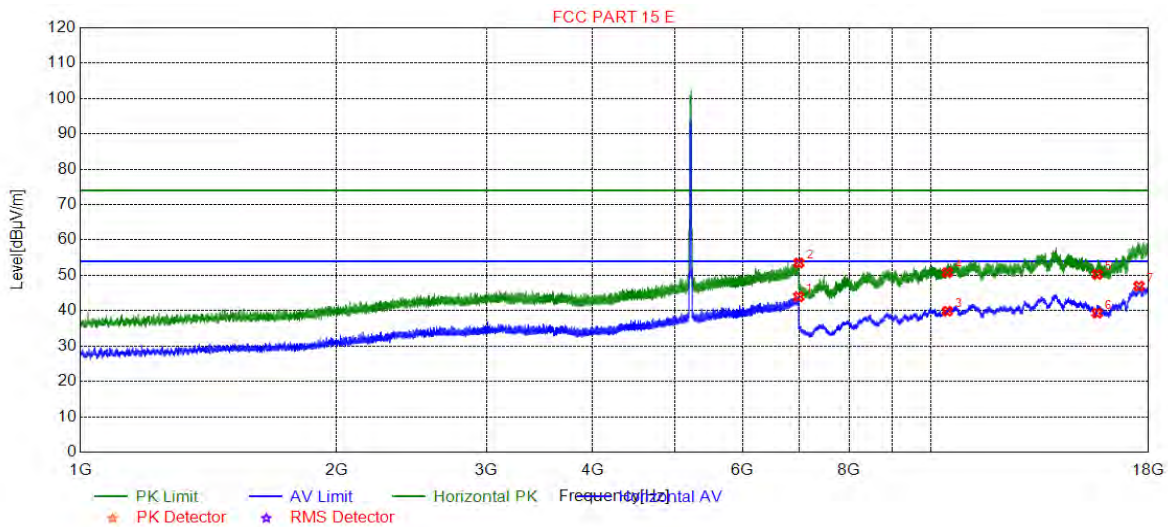
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6825.09	53.40	12.12	74.00	20.60	150	342	Vertical
2	6937.89	44.87	12.54	54.00	9.13	150	84	Vertical
3	11650.0	39.81	-3.16	54.00	14.19	150	192	Vertical
4	11650.0	51.37	-3.16	74.00	22.63	150	76	Vertical
5	17475.0	44.32	0.02	54.00	9.68	150	163	Vertical
6	17475.0	54.27	0.02	74.00	19.73	150	47	Vertical
7	17542.9	46.90	0.90	54.00	7.10	150	18	Vertical

4.3.2.37 11N20_36 ANT 1_Horizontal



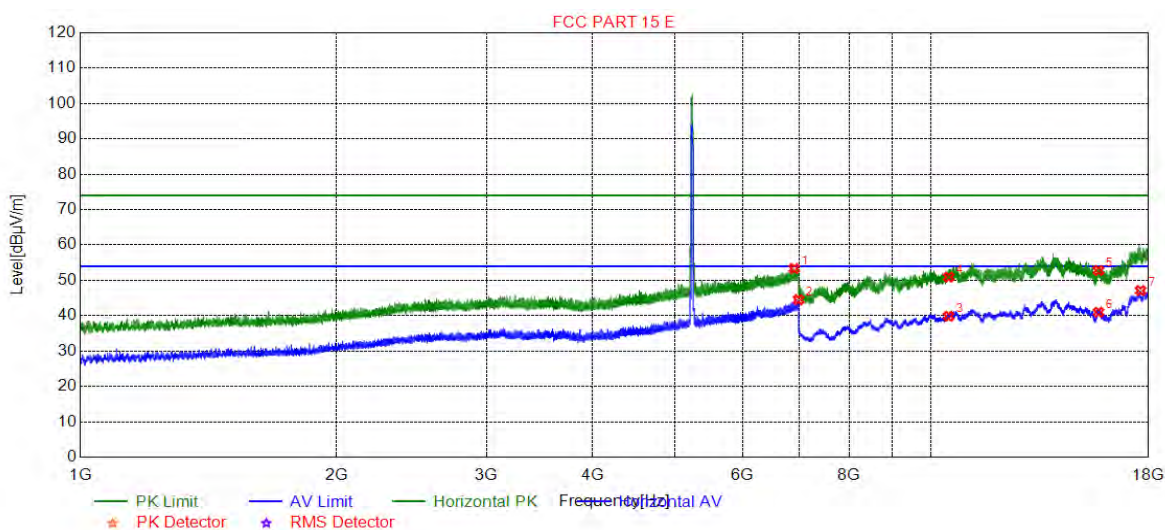
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6935.49	44.29	12.53	54.00	9.71	150	75	Horizontal
2	6981.69	53.26	12.70	74.00	20.74	150	218	Horizontal
3	10360.0	50.06	-5.35	74.00	23.94	150	284	Horizontal
4	10360.0	39.63	-5.35	54.00	14.37	150	342	Horizontal
5	15540.0	39.31	-3.26	54.00	14.69	150	284	Horizontal
6	15540.0	50.71	-3.26	74.00	23.29	150	169	Horizontal
7	17549.5	47.10	0.98	54.00	6.90	150	342	Horizontal

4.3.2.38 11N20_44 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.89	43.96	12.71	54.00	10.04	150	133	Horizontal
2	6985.29	53.49	12.72	74.00	20.51	150	190	Horizontal
3	10440.0	39.86	-4.92	54.00	14.14	150	106	Horizontal
4	10440.0	50.76	-4.92	74.00	23.24	150	251	Horizontal
5	15660.0	50.26	-3.54	74.00	23.74	150	0	Horizontal
6	15660.0	39.32	-3.54	54.00	14.68	150	342	Horizontal
7	17536.8	46.93	0.82	54.00	7.07	150	106	Horizontal

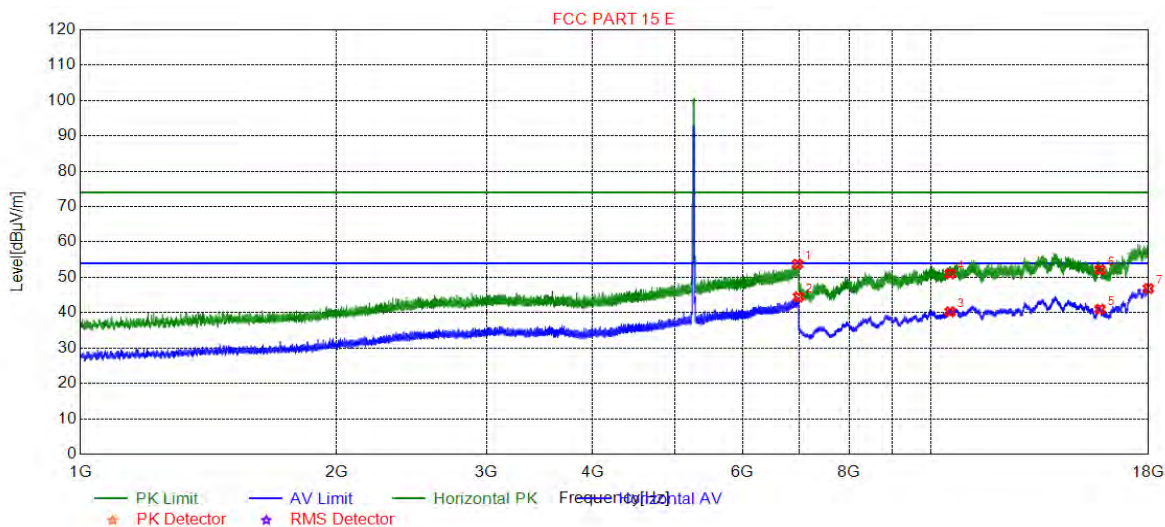
4.3.2.39 11N20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.49	53.34	12.40	74.00	20.66	150	220	Horizontal
2	6981.09	44.51	12.70	54.00	9.49	150	104	Horizontal
3	10480.0	39.86	-4.49	54.00	14.14	150	111	Horizontal
4	10480.0	50.92	-4.49	74.00	23.08	150	139	Horizontal
5	15720.0	52.79	-2.65	74.00	21.21	150	24	Horizontal
6	15720.0	41.01	-2.65	54.00	12.99	150	139	Horizontal
7	17612.7	47.11	1.30	54.00	6.89	150	197	Horizontal

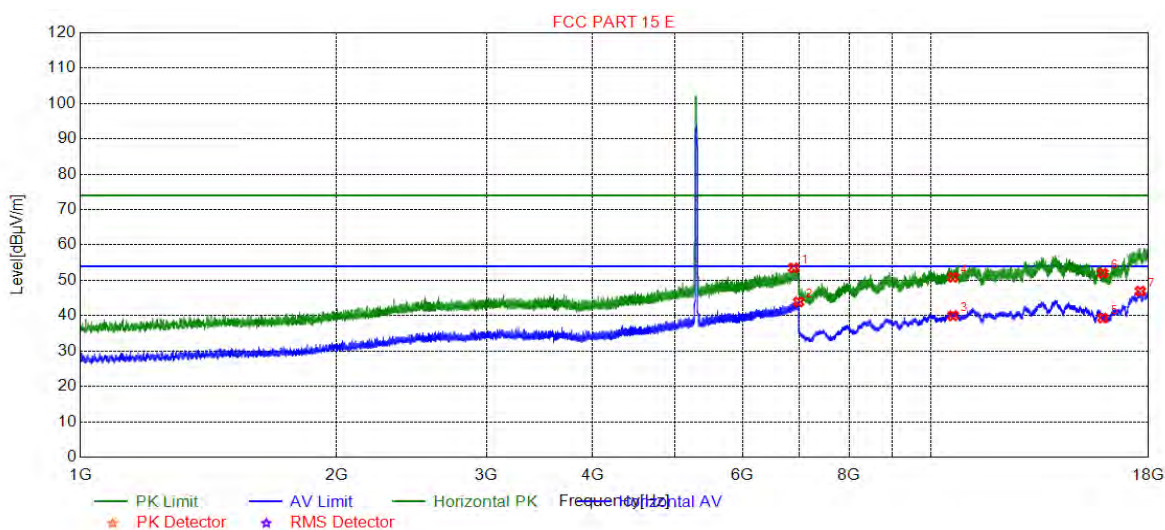


4.3.2.40 11N20_52 ANT 1_ Horizontal



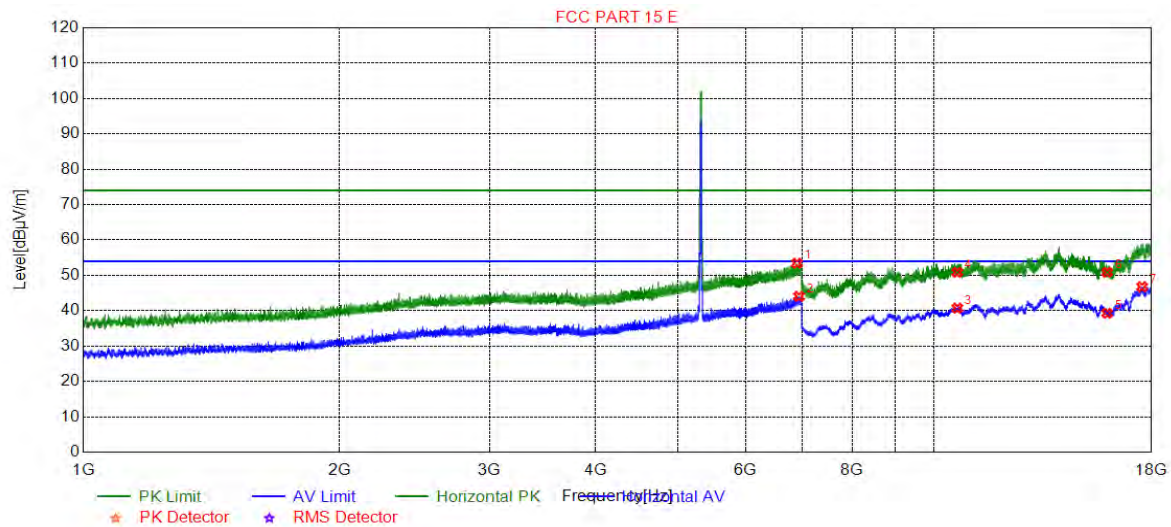
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.79	53.73	12.63	74.00	20.27	150	276	Horizontal
2	6980.79	44.45	12.70	54.00	9.55	150	104	Horizontal
3	10520.0	40.25	-4.37	54.00	13.75	150	78	Horizontal
4	10520.0	50.99	-4.37	74.00	23.01	150	78	Horizontal
5	15780.0	41.00	-2.36	54.00	13.00	150	342	Horizontal
6	15780.0	52.15	-2.36	74.00	21.85	150	342	Horizontal
7	17988.4	46.84	-0.44	54.00	7.16	150	48	Horizontal

4.3.2.41 11N20_60 ANT 1_ Horizontal



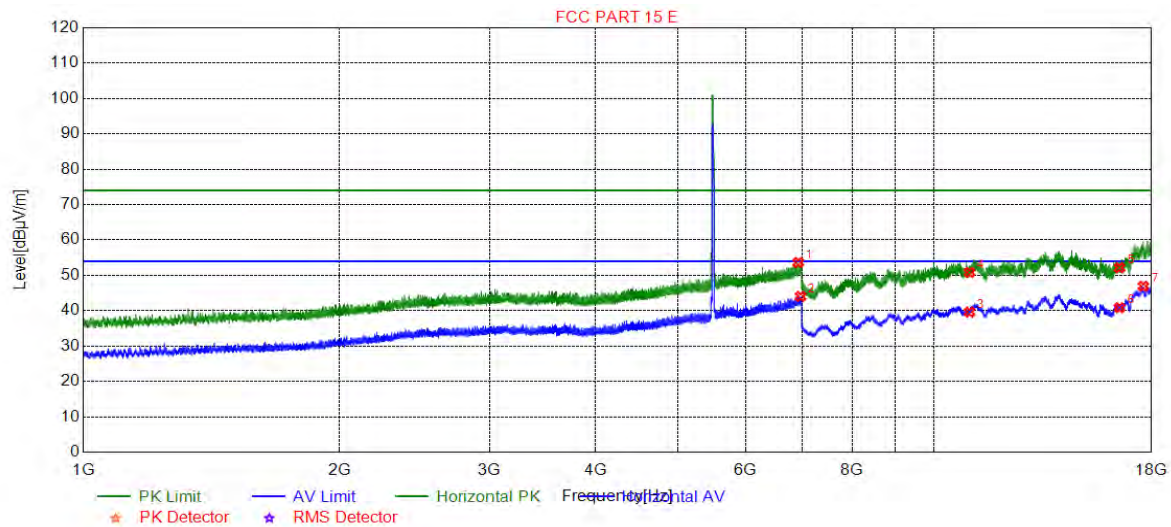
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6890.19	53.51	12.36	74.00	20.49	150	46	Horizontal
2	6981.39	43.90	12.70	54.00	10.10	150	276	Horizontal
3	10600.0	40.01	-4.75	54.00	13.99	150	24	Horizontal
4	10600.0	50.85	-4.75	74.00	23.15	150	111	Horizontal
5	15900.0	39.34	-3.75	54.00	14.66	150	169	Horizontal
6	15900.0	52.03	-3.75	74.00	21.97	150	313	Horizontal
7	17599.0	46.93	1.62	54.00	7.07	150	226	Horizontal

4.3.2.42 11N20_64 ANT 1_ Horizontal



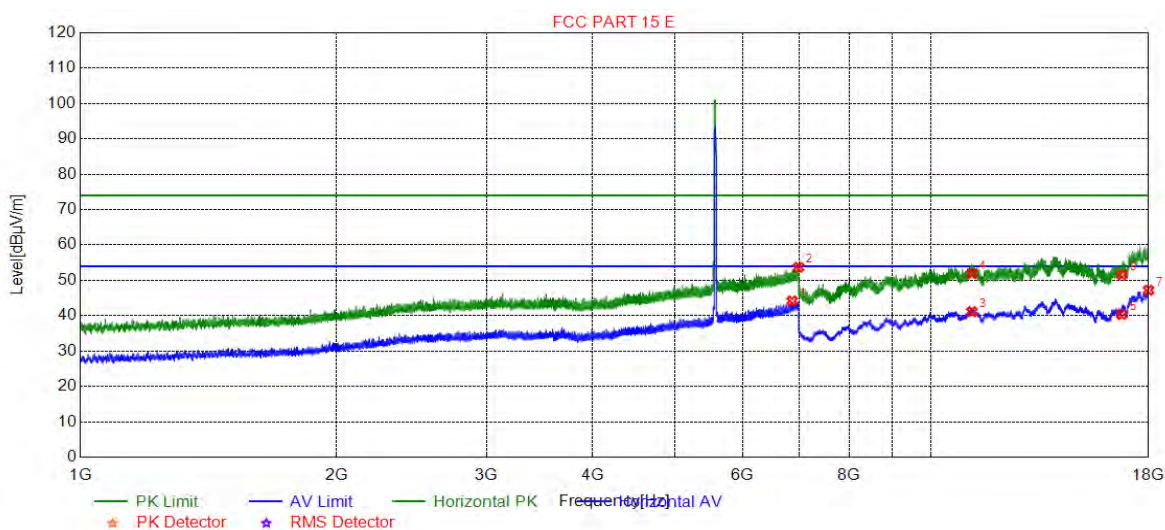
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.99	53.42	12.38	74.00	20.58	150	248	Horizontal
2	6932.49	44.03	12.52	54.00	9.97	150	162	Horizontal
3	10640.0	40.73	-4.69	54.00	13.27	150	110	Horizontal
4	10640.0	50.86	-4.69	74.00	23.14	150	139	Horizontal
5	15960.0	39.29	-3.70	54.00	14.71	150	81	Horizontal
6	15960.0	50.87	-3.70	74.00	23.13	150	110	Horizontal
7	17542.3	46.77	0.89	54.00	7.23	150	313	Horizontal

4.3.2.43 11N20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.89	53.63	12.47	74.00	20.37	150	162	Horizontal
2	6962.79	44.05	12.63	54.00	9.95	150	105	Horizontal
3	11000.0	39.61	-4.28	54.00	14.39	150	0	Horizontal
4	11000.0	50.82	-4.28	74.00	23.18	150	312	Horizontal
5	16500.0	52.15	-3.62	74.00	21.85	150	166	Horizontal
6	16500.0	40.85	-3.62	54.00	13.15	150	0	Horizontal
7	17602.8	46.91	1.56	54.00	7.09	150	138	Horizontal

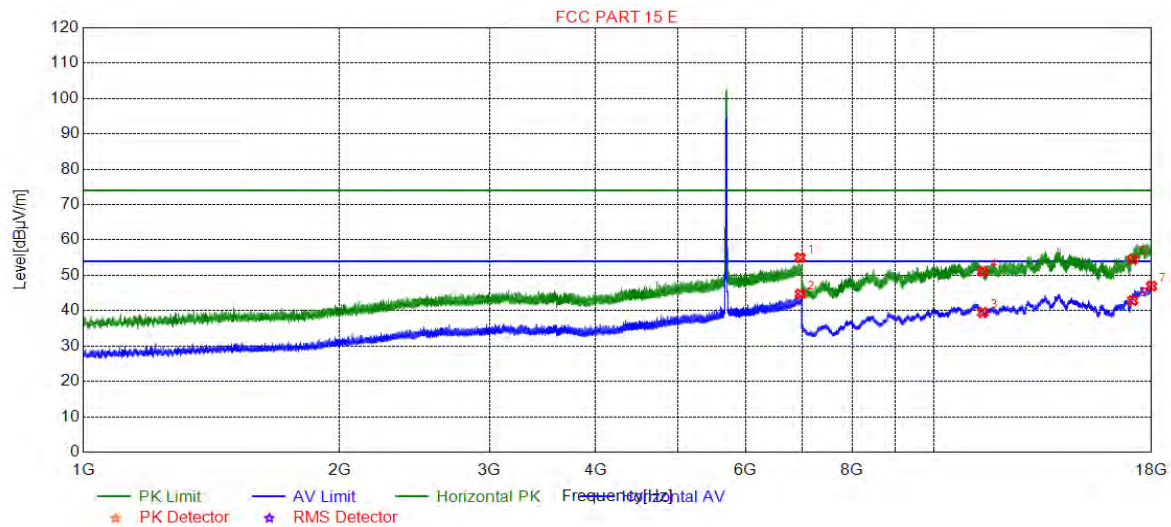
4.3.2.44 11N20_116 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6861.09	44.18	12.25	54.00	9.82	150	225	Horizontal
2	6981.09	53.68	12.70	74.00	20.32	150	340	Horizontal
3	11160.0	41.14	-3.43	54.00	12.86	150	313	Horizontal
4	11160.0	51.95	-3.43	74.00	22.05	150	342	Horizontal
5	16740.0	40.35	-3.33	54.00	13.65	150	284	Horizontal
6	16740.0	51.59	-3.33	74.00	22.41	150	169	Horizontal
7	17998.3	47.22	-0.36	54.00	6.78	150	255	Horizontal

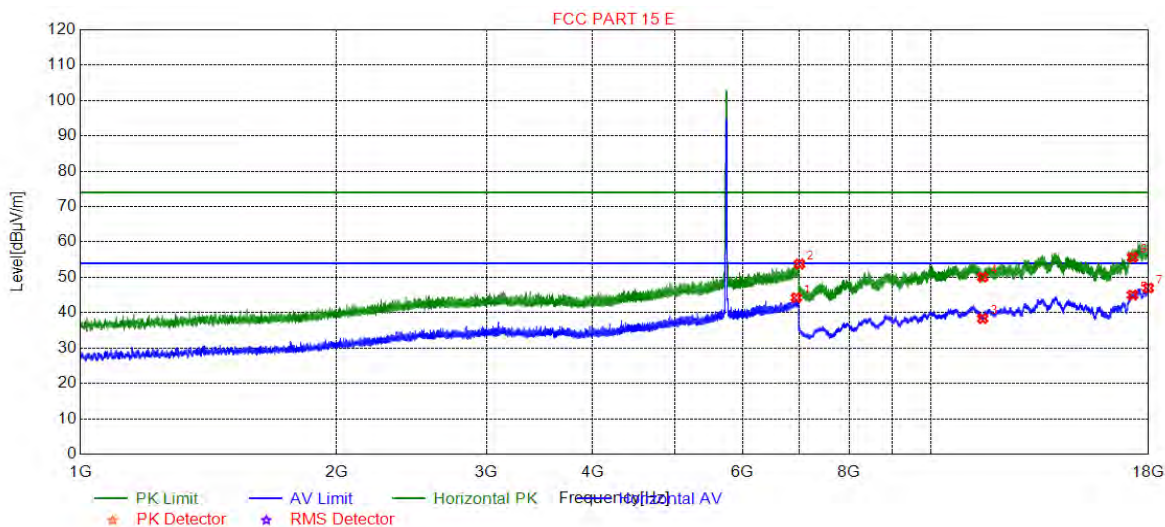


4.3.2.45 11N20_140 ANT 1_ Horizontal



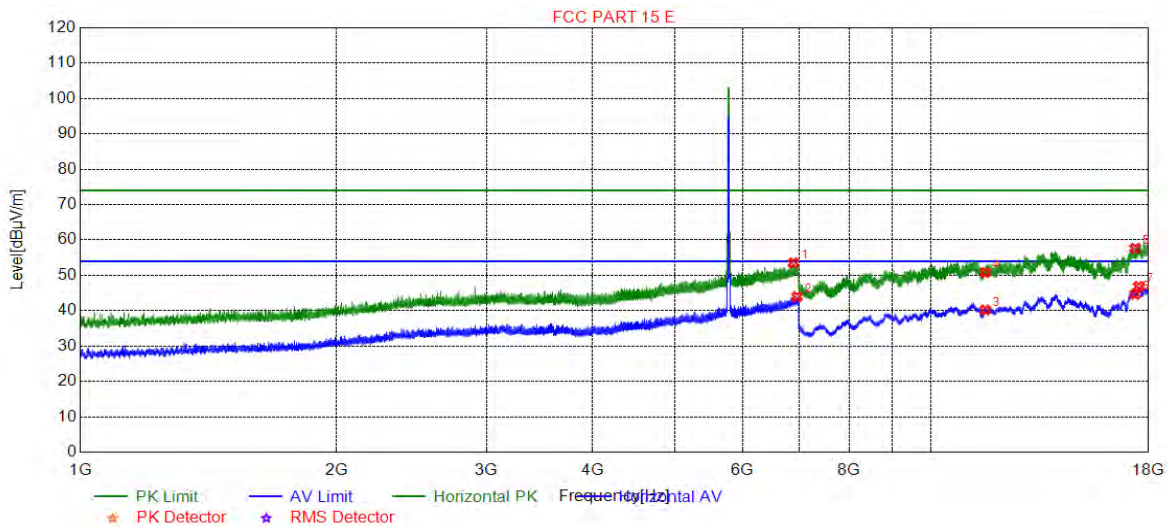
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.29	55.03	12.59	74.00	18.97	150	277	Horizontal
2	6956.49	44.75	12.61	54.00	9.25	150	162	Horizontal
3	11400.0	39.53	-4.42	54.00	14.47	150	313	Horizontal
4	11400.0	51.16	-4.42	74.00	22.84	150	135	Horizontal
5	17100.0	54.51	-3.09	74.00	19.49	150	250	Horizontal
6	17100.0	42.88	-3.09	54.00	11.12	150	19	Horizontal
7	17996.6	46.96	-0.38	54.00	7.04	150	135	Horizontal

4.3.2.46 11N20_149 ANT 1_ Horizontal



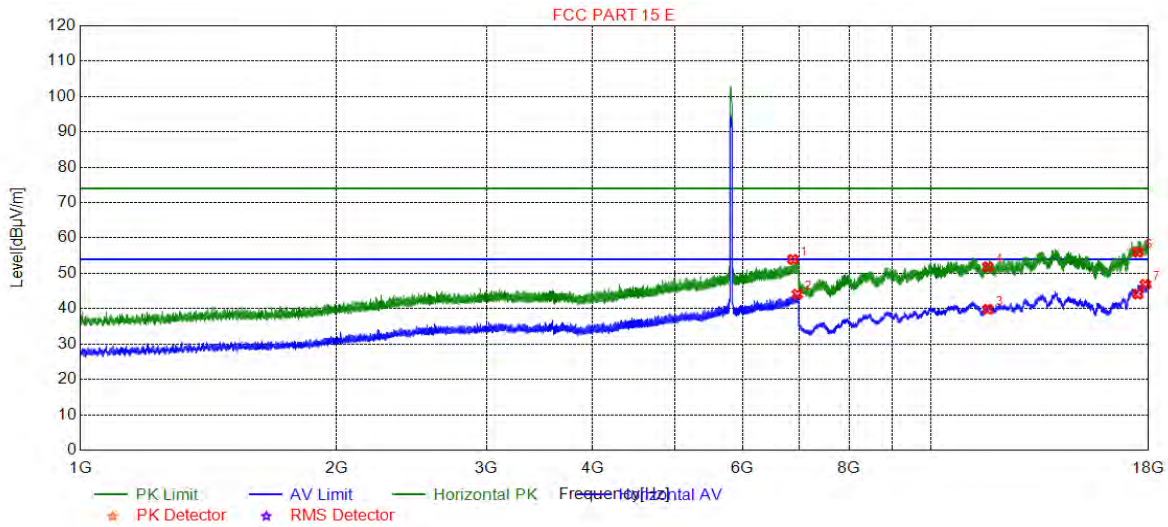
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6938.79	44.24	12.54	54.00	9.76	150	277	Horizontal
2	7000.00	53.78	12.77	74.00	20.22	150	134	Horizontal
3	11490.0	38.34	-5.65	54.00	15.66	150	342	Horizontal
4	11490.0	50.07	-5.65	74.00	23.93	150	78	Horizontal
5	17235.0	45.03	-1.47	54.00	8.97	150	281	Horizontal
6	17235.0	55.63	-1.47	74.00	18.37	150	252	Horizontal
7	17989.5	47.00	-0.43	54.00	7.00	150	194	Horizontal

4.3.2.47 11N20_157 ANT 1_ Horizontal



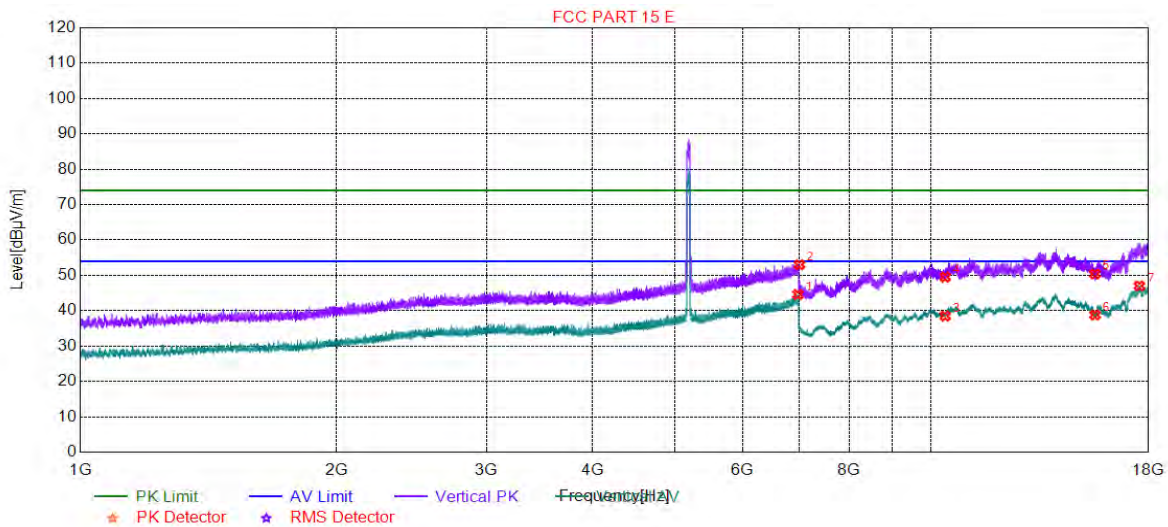
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.29	53.52	12.35	74.00	20.48	150	18	Horizontal
2	6949.89	43.96	12.58	54.00	10.04	150	18	Horizontal
3	11570.0	40.19	-3.87	54.00	13.81	150	164	Horizontal
4	11570.0	50.77	-3.87	74.00	23.23	150	135	Horizontal
5	17355.0	57.60	-1.07	74.00	16.40	150	106	Horizontal
6	17355.0	44.66	-1.07	54.00	9.34	150	20	Horizontal
7	17524.7	46.86	0.67	54.00	7.14	150	48	Horizontal

4.3.2.48 11N20_165 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6873.39	53.94	12.30	74.00	20.06	150	18	Horizontal
2	6955.89	44.09	12.61	54.00	9.91	150	46	Horizontal
3	11650.0	39.83	-3.16	54.00	14.17	150	25	Horizontal
4	11650.0	51.84	-3.16	74.00	22.16	150	284	Horizontal
5	17475.0	44.13	0.02	54.00	9.87	150	83	Horizontal
6	17475.0	55.98	0.02	74.00	18.02	150	284	Horizontal
7	17836.6	46.85	-0.89	54.00	7.15	150	169	Horizontal

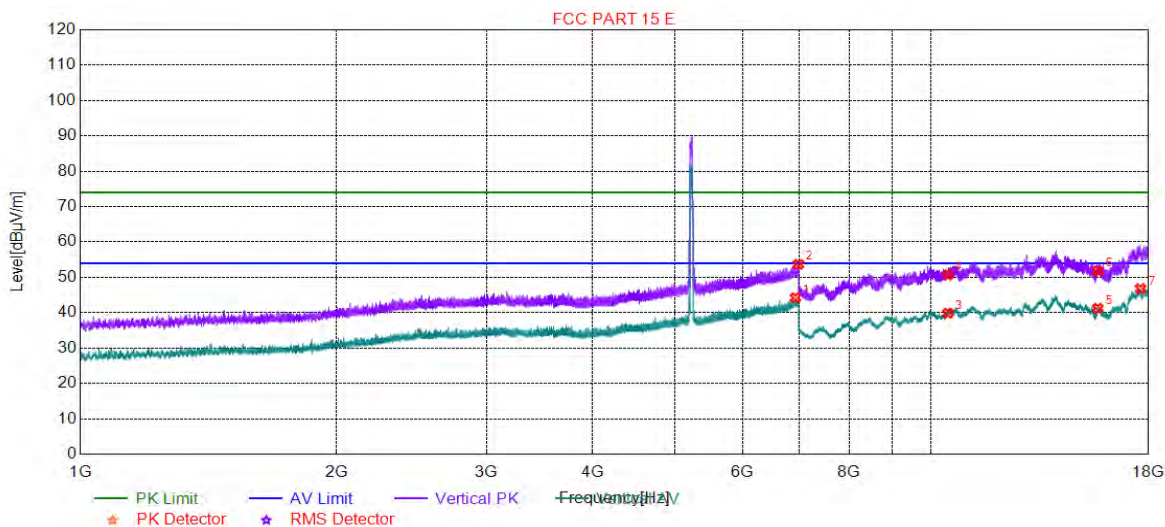
4.3.2.49 11N40_38 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.59	44.58	12.66	54.00	9.42	150	342	Vertical
2	6998.49	53.02	12.76	74.00	20.98	150	342	Vertical
3	10380.0	38.50	-5.36	54.00	15.50	150	359	Vertical
4	10380.0	49.51	-5.36	74.00	24.49	150	219	Vertical
5	15570.0	50.39	-4.02	74.00	23.61	150	307	Vertical
6	15570.0	38.80	-4.02	54.00	15.20	150	190	Vertical
7	17553.3	47.01	1.03	54.00	6.99	150	307	Vertical

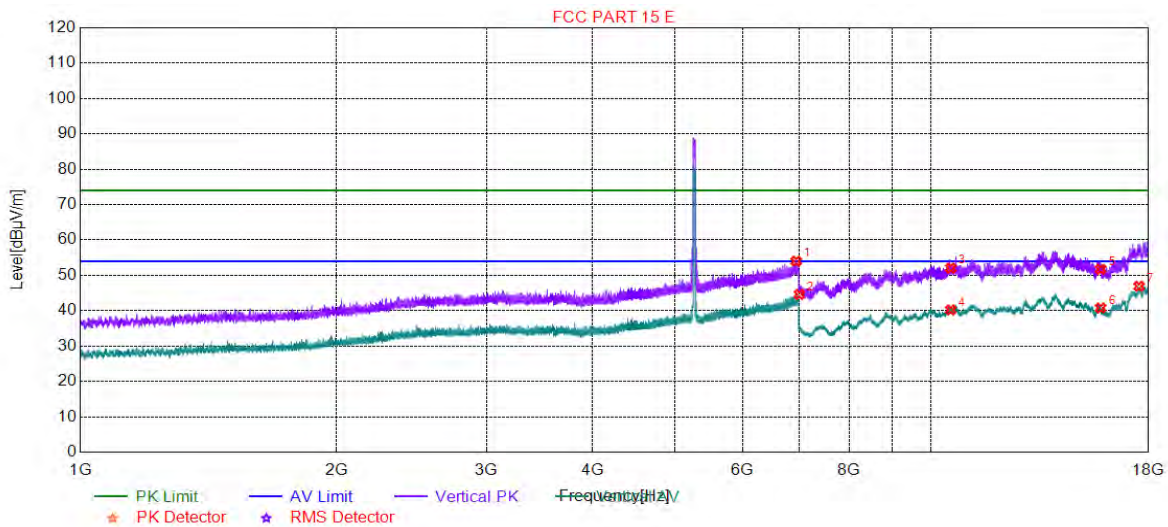
4.3.2.50 11N40_46 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6922.59	44.25	12.48	54.00	9.75	150	113	Vertical
2	6979.29	53.69	12.69	74.00	20.31	150	142	Vertical
3	10460.0	39.88	-4.70	54.00	14.12	150	18	Vertical
4	10460.0	50.70	-4.70	74.00	23.30	150	249	Vertical
5	15690.0	41.24	-2.93	54.00	12.76	150	105	Vertical
6	15690.0	51.80	-2.93	74.00	22.20	150	192	Vertical
7	17612.2	46.78	1.31	54.00	7.22	150	335	Vertical

4.3.2.51 11N40_54 ANT 1_Vertical

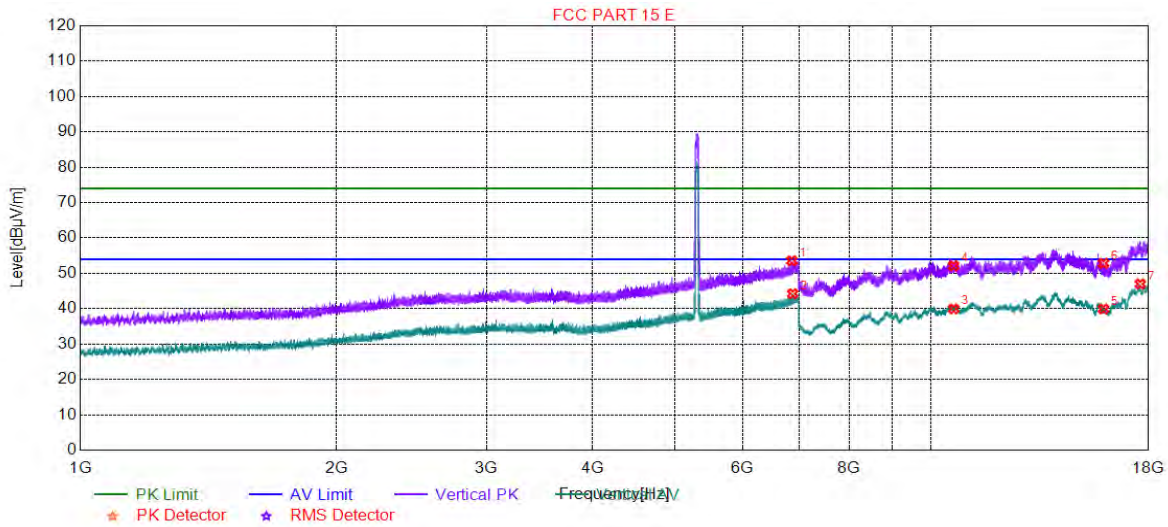


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.69	54.01	12.54	74.00	19.99	150	141	Vertical
2	6997.59	44.60	12.76	54.00	9.40	150	2	Vertical
3	10540.0	52.05	-4.46	74.00	21.95	150	77	Vertical
4	10540.0	40.21	-4.46	54.00	13.79	150	48	Vertical
5	15810.0	51.72	-2.42	74.00	22.28	150	309	Vertical
6	15810.0	40.75	-2.42	54.00	13.25	150	251	Vertical
7	17540.1	46.90	0.86	54.00	7.10	150	164	Vertical



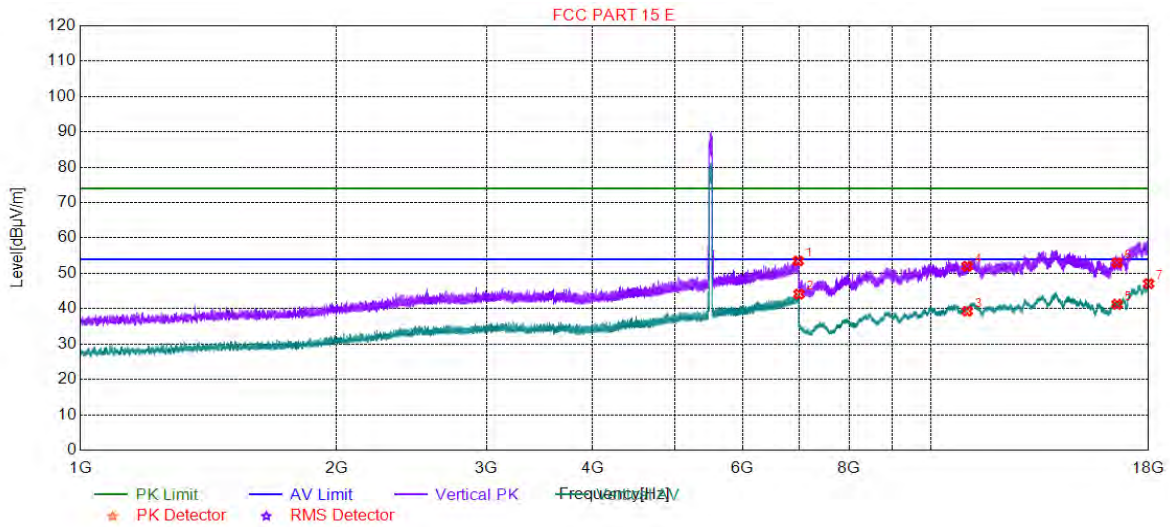
4.3.2.52 11N40_62 ANT 1_Vertical



Suspected List

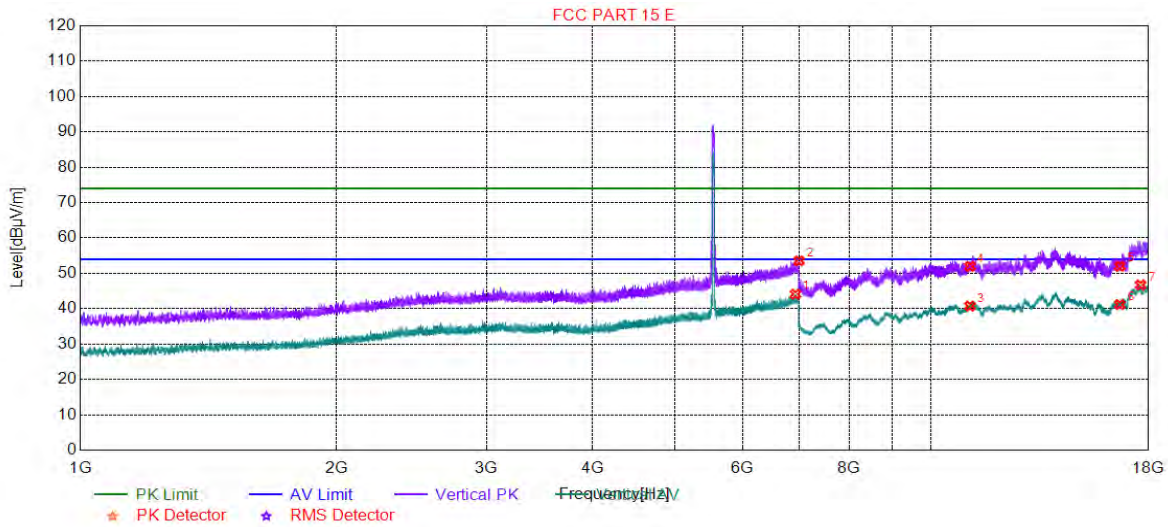
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6855.09	53.57	12.23	74.00	20.43	150	284	Vertical
2	6870.09	44.25	12.29	54.00	9.75	150	2	Vertical
3	10620.0	39.95	-4.72	54.00	14.05	150	307	Vertical
4	10620.0	52.11	-4.72	74.00	21.89	150	307	Vertical
5	15930.0	39.92	-3.73	54.00	14.08	150	18	Vertical
6	15930.0	52.85	-3.73	74.00	21.15	150	278	Vertical
7	17597.3	47.00	1.60	54.00	7.00	150	220	Vertical

4.3.2.53 11N40_102 ANT 1_Vertical



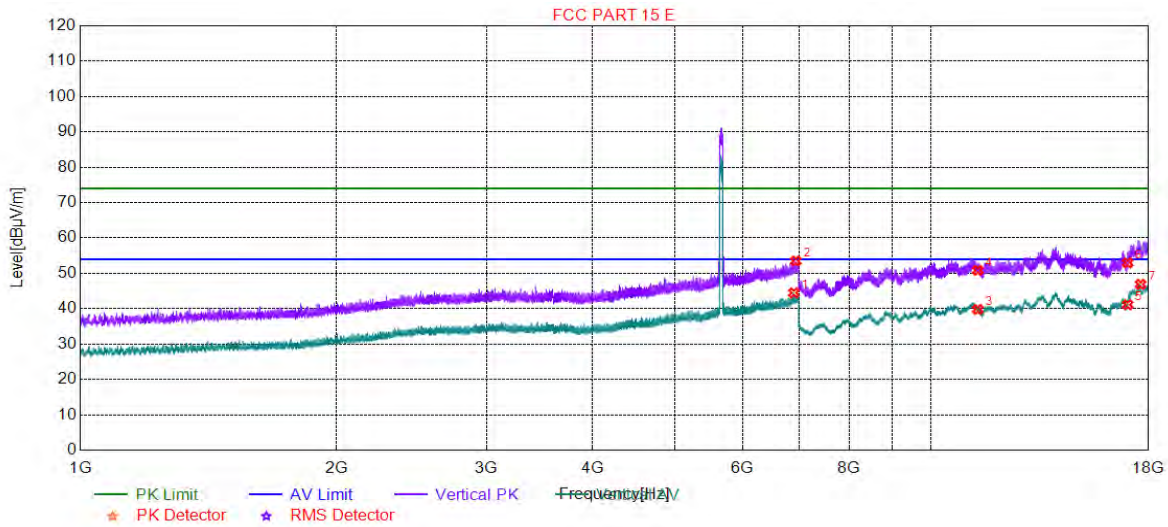
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.59	53.49	12.67	74.00	20.51	150	54	Vertical
2	6988.89	44.11	12.73	54.00	9.89	150	83	Vertical
3	11020.0	39.29	-4.09	54.00	14.71	150	191	Vertical
4	11020.0	52.02	-4.09	74.00	21.98	150	18	Vertical
5	16530.0	41.25	-3.84	54.00	12.75	150	75	Vertical
6	16530.0	53.04	-3.84	74.00	20.96	150	249	Vertical
7	18000.0	47.09	-0.35	54.00	6.91	150	47	Vertical

4.3.2.54 11N40_110 ANT 1_Vertical



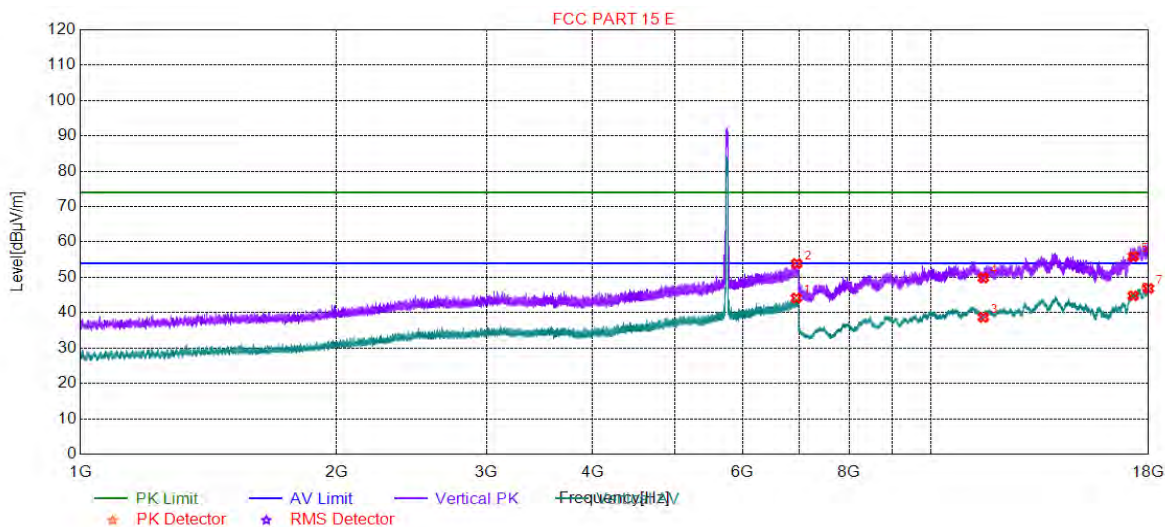
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6923.19	44.10	12.49	54.00	9.90	150	112	Vertical
2	6989.49	53.54	12.73	74.00	20.46	150	313	Vertical
3	11100.0	40.74	-3.36	54.00	13.26	150	220	Vertical
4	11100.0	51.97	-3.36	74.00	22.03	150	105	Vertical
5	16650.0	52.03	-4.20	74.00	21.97	150	249	Vertical
6	16650.0	41.18	-4.20	54.00	12.82	150	359	Vertical
7	17614.9	46.71	1.24	54.00	7.29	150	249	Vertical

4.3.2.55 11N40_134 ANT 1_Vertical



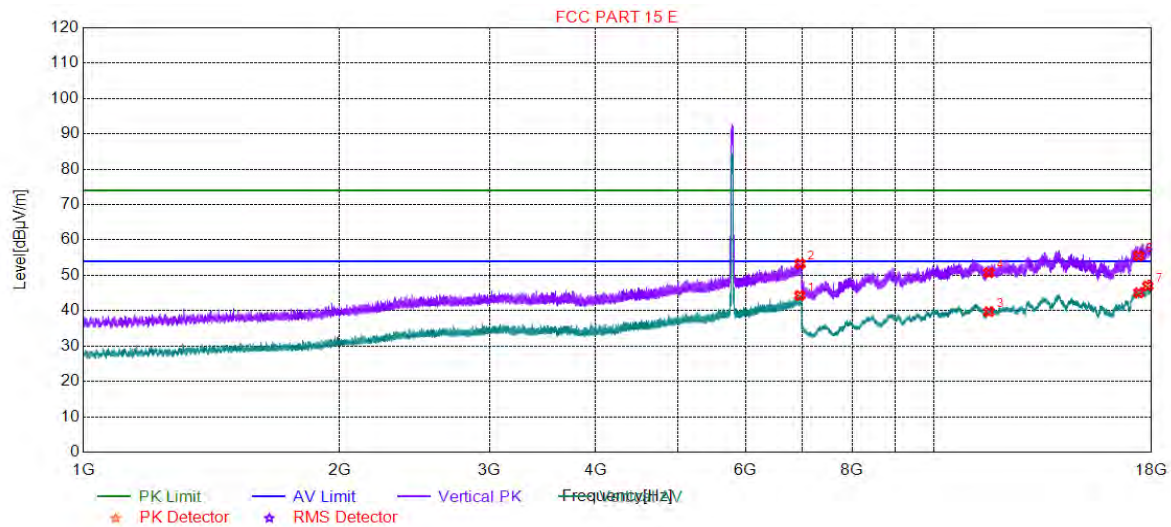
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.89	44.49	12.37	54.00	9.51	150	84	Vertical
2	6929.19	53.50	12.51	74.00	20.50	150	256	Vertical
3	11340.0	39.79	-4.59	54.00	14.21	150	359	Vertical
4	11340.0	50.86	-4.59	74.00	23.14	150	105	Vertical
5	17010.0	41.12	-3.20	54.00	12.88	150	105	Vertical
6	17010.0	52.96	-3.20	74.00	21.04	150	18	Vertical
7	17612.7	46.89	1.30	54.00	7.11	150	335	Vertical

4.3.2.56 11N40_151 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.39	44.14	12.55	54.00	9.86	150	27	Vertical
2	6946.59	53.89	12.57	74.00	20.11	150	142	Vertical
3	11510.0	38.69	-5.50	54.00	15.31	150	336	Vertical
4	11510.0	49.86	-5.50	74.00	24.14	150	47	Vertical
5	17265.0	55.91	-1.33	74.00	18.09	150	221	Vertical
6	17265.0	44.78	-1.33	54.00	9.22	150	307	Vertical
7	17995.0	46.86	-0.39	54.00	7.14	150	192	Vertical

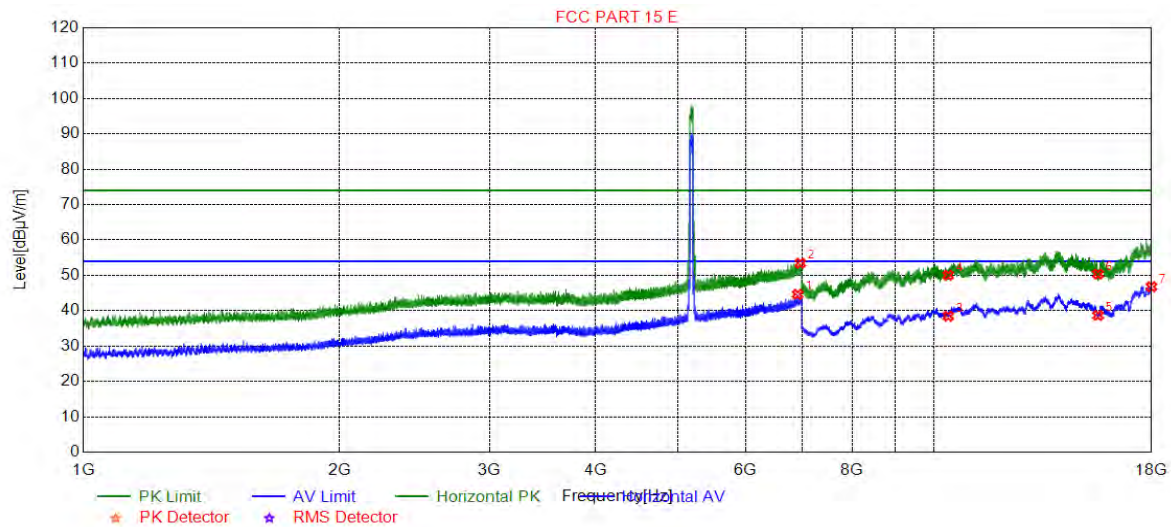
4.3.2.57 11N40_159 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.49	44.30	12.58	54.00	9.70	150	284	Vertical
2	6951.09	53.28	12.59	74.00	20.72	150	256	Vertical
3	11590.0	39.71	-3.32	54.00	14.29	150	277	Vertical
4	11590.0	50.72	-3.32	74.00	23.28	150	190	Vertical
5	17385.0	45.08	-1.02	54.00	8.92	150	133	Vertical
6	17385.0	55.49	-1.02	74.00	18.51	150	162	Vertical
7	17813.5	47.00	-0.82	54.00	7.00	150	190	Vertical

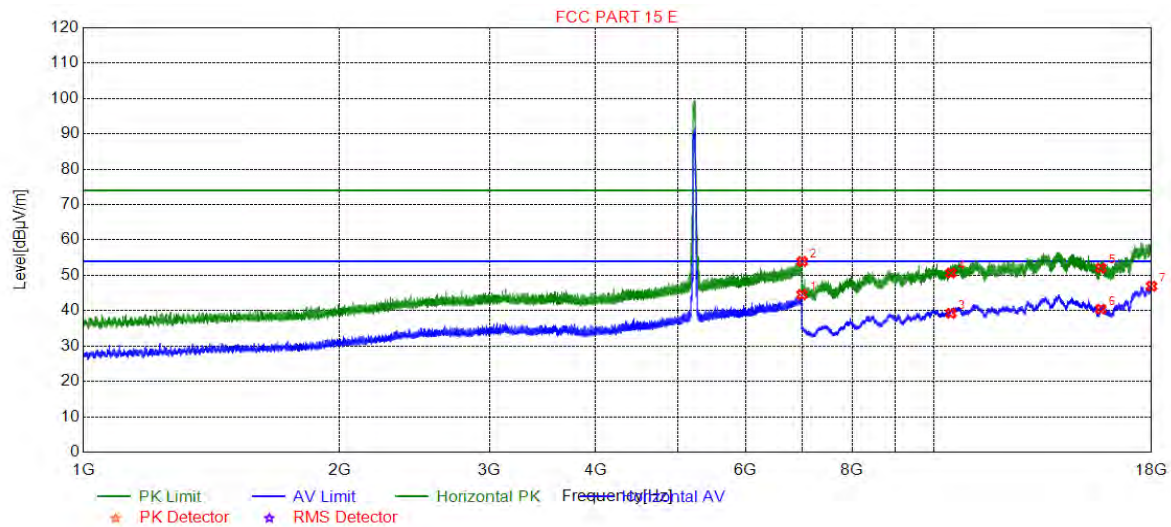
4.3.2.58 11N40_38 ANT 1_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.59	44.62	12.43	54.00	9.38	150	288	Horizontal
2	6958.29	53.42	12.62	74.00	20.58	150	202	Horizontal
3	10380.0	38.47	-5.36	54.00	15.53	150	282	Horizontal
4	10380.0	50.03	-5.36	74.00	23.97	150	342	Horizontal
5	15570.0	38.66	-4.02	54.00	15.34	150	49	Horizontal
6	15570.0	50.36	-4.02	74.00	23.64	150	21	Horizontal
7	17996.1	46.77	-0.38	54.00	7.23	150	223	Horizontal

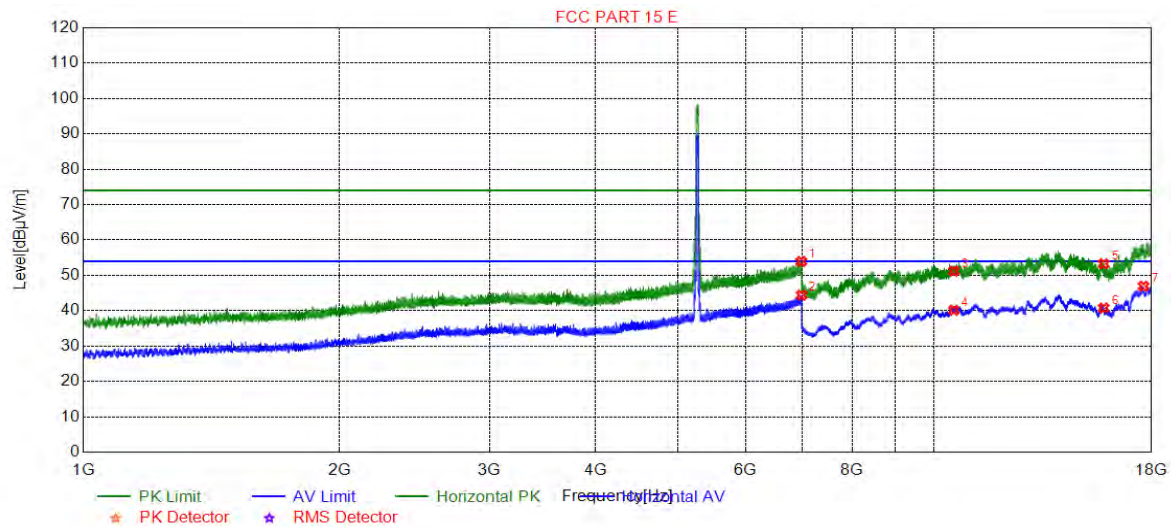
4.3.2.59 11N40_46 ANT 1_Horizontal



Suspected List

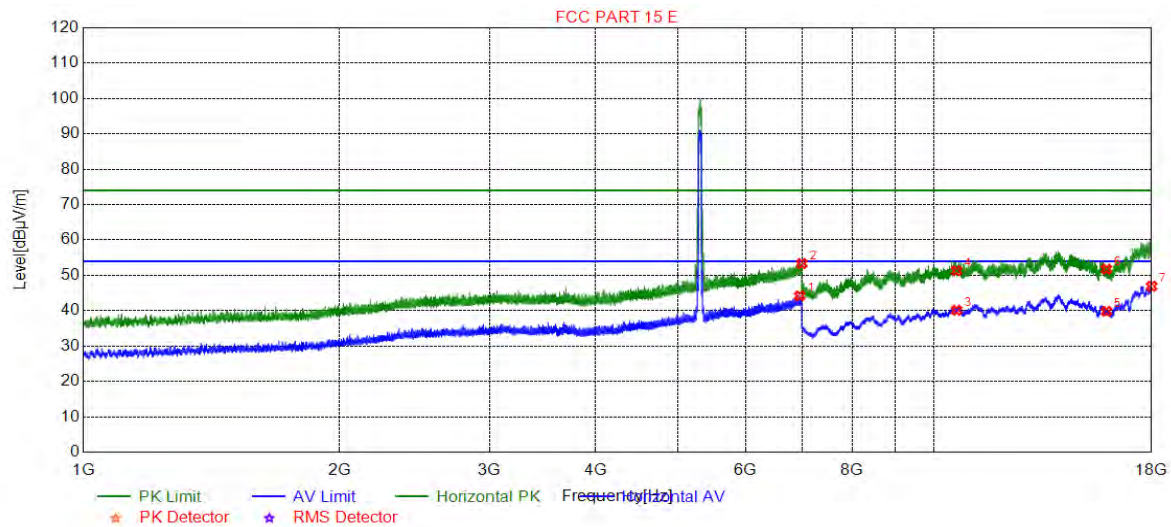
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6987.69	44.53	12.72	54.00	9.47	150	191	Horizontal
2	6992.49	53.91	12.74	74.00	20.09	150	305	Horizontal
3	10460.0	39.26	-4.70	54.00	14.74	150	222	Horizontal
4	10460.0	50.65	-4.70	74.00	23.35	150	250	Horizontal
5	15690.0	52.06	-2.93	74.00	21.94	150	48	Horizontal
6	15690.0	40.46	-2.93	54.00	13.54	150	77	Horizontal
7	17998.3	46.92	-0.36	54.00	7.08	150	77	Horizontal

4.3.2.60 11N40_54 ANT 1_Horizontal



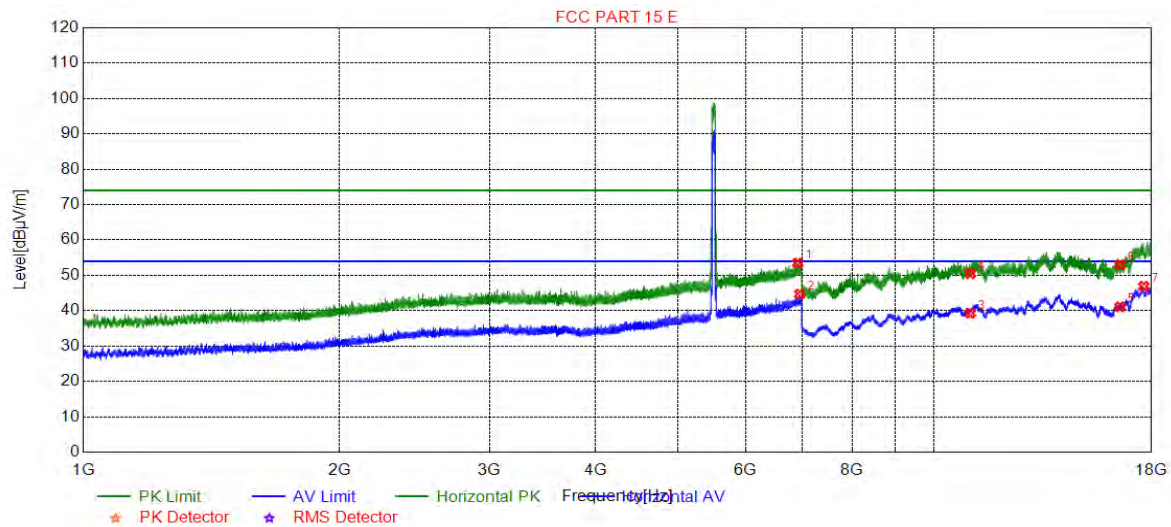
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6976.29	53.92	12.68	74.00	20.08	150	358	Horizontal
2	6981.99	44.40	12.70	54.00	9.60	150	305	Horizontal
3	10540.0	51.19	-4.46	74.00	22.81	150	313	Horizontal
4	10540.0	40.13	-4.46	54.00	13.87	150	24	Horizontal
5	15810.0	53.27	-2.42	74.00	20.73	150	198	Horizontal
6	15810.0	40.75	-2.42	54.00	13.25	150	168	Horizontal
7	17608.9	46.92	1.40	54.00	7.08	150	82	Horizontal

4.3.2.61 11N40_62 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.59	44.21	12.57	54.00	9.79	150	18	Horizontal
2	6985.59	53.34	12.72	74.00	20.66	150	219	Horizontal
3	10620.0	40.13	-4.72	54.00	13.87	150	51	Horizontal
4	10620.0	51.29	-4.72	74.00	22.71	150	22	Horizontal
5	15930.0	39.80	-3.73	54.00	14.20	150	283	Horizontal
6	15930.0	51.74	-3.73	74.00	22.26	150	0	Horizontal
7	18000.0	46.89	-0.35	54.00	7.11	150	22	Horizontal

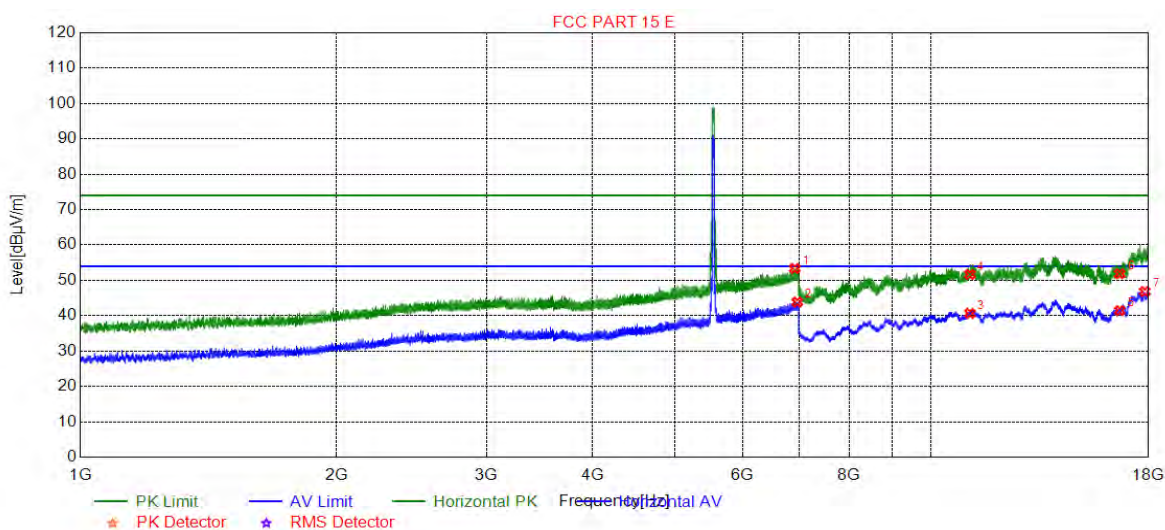
4.3.2.62 11N40_102 ANT 1_Horizontal



Suspected List

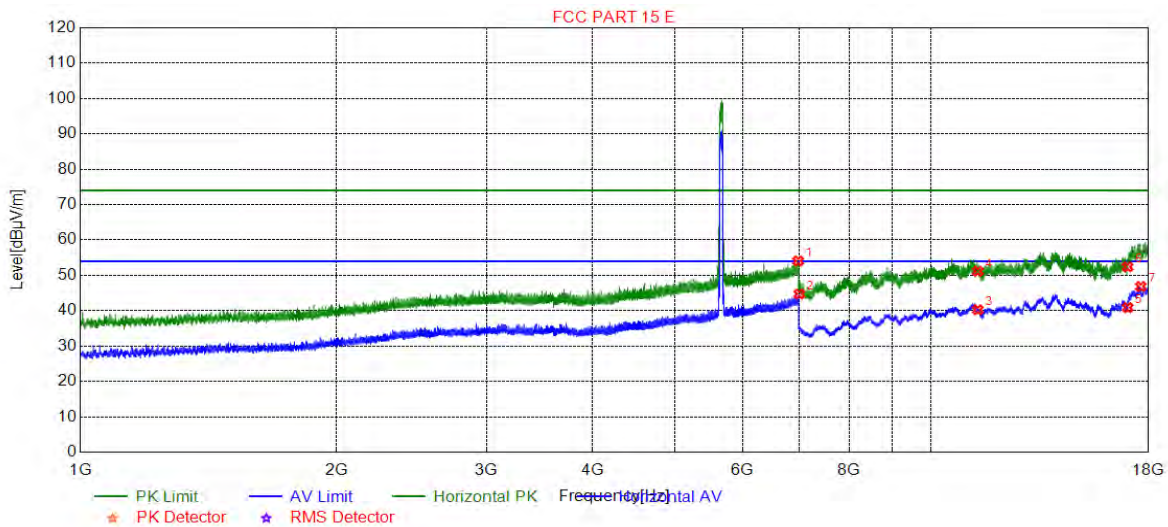
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.89	53.49	12.43	74.00	20.51	150	334	Horizontal
2	6949.29	44.71	12.58	54.00	9.29	150	104	Horizontal
3	11020.0	39.31	-4.09	54.00	14.69	150	78	Horizontal
4	11020.0	50.49	-4.09	74.00	23.51	150	78	Horizontal
5	16530.0	41.11	-3.84	54.00	12.89	150	48	Horizontal
6	16530.0	53.09	-3.84	74.00	20.91	150	48	Horizontal
7	17627.0	46.89	0.93	54.00	7.11	150	222	Horizontal

4.3.2.63 11N40_110 ANT 1_Horizontal



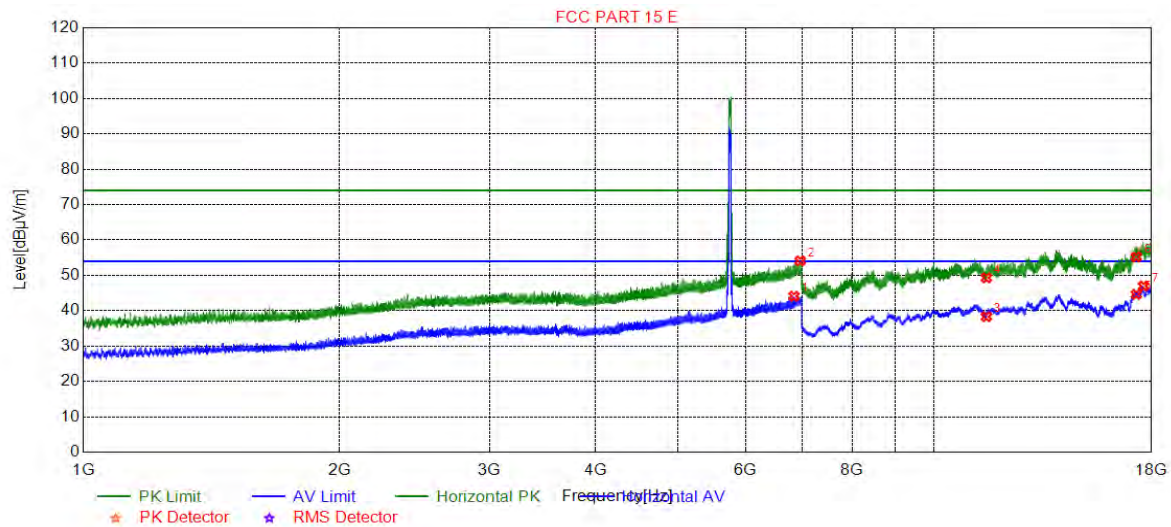
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6908.79	53.36	12.43	74.00	20.64	150	47	Horizontal
2	6957.39	43.86	12.61	54.00	10.14	150	276	Horizontal
3	11100.0	40.65	-3.36	54.00	13.35	150	342	Horizontal
4	11100.0	51.67	-3.36	74.00	22.33	150	284	Horizontal
5	16650.0	41.44	-4.20	54.00	12.56	150	81	Horizontal
6	16650.0	51.84	-4.20	74.00	22.16	150	168	Horizontal
7	17817.9	46.83	-0.83	54.00	7.17	150	139	Horizontal

4.3.2.64 11N40_134 ANT 1_Horizontal



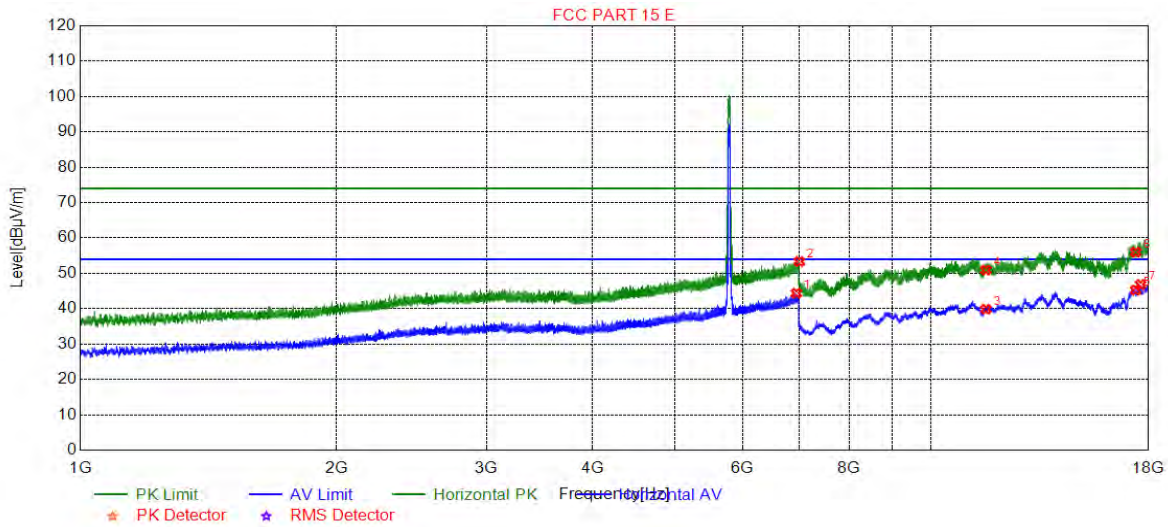
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	54.06	12.67	74.00	19.94	150	247	Horizontal
2	6996.09	44.70	12.76	54.00	9.30	150	276	Horizontal
3	11340.0	40.24	-4.59	54.00	13.76	150	140	Horizontal
4	11340.0	51.14	-4.59	74.00	22.86	150	83	Horizontal
5	17010.0	40.85	-3.20	54.00	13.15	150	227	Horizontal
6	17010.0	52.39	-3.20	74.00	21.61	150	83	Horizontal
7	17625.4	46.84	0.97	54.00	7.16	150	284	Horizontal

4.3.2.65 11N40_151 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6840.69	44.09	12.17	54.00	9.91	150	359	Horizontal
2	6955.29	54.10	12.60	74.00	19.90	150	191	Horizontal
3	11510.0	38.32	-5.50	54.00	15.68	150	227	Horizontal
4	11510.0	49.30	-5.50	74.00	24.70	150	1	Horizontal
5	17265.0	44.62	-1.33	54.00	9.38	150	1	Horizontal
6	17265.0	55.20	-1.33	74.00	18.80	150	198	Horizontal
7	17612.2	46.97	1.31	54.00	7.03	150	227	Horizontal

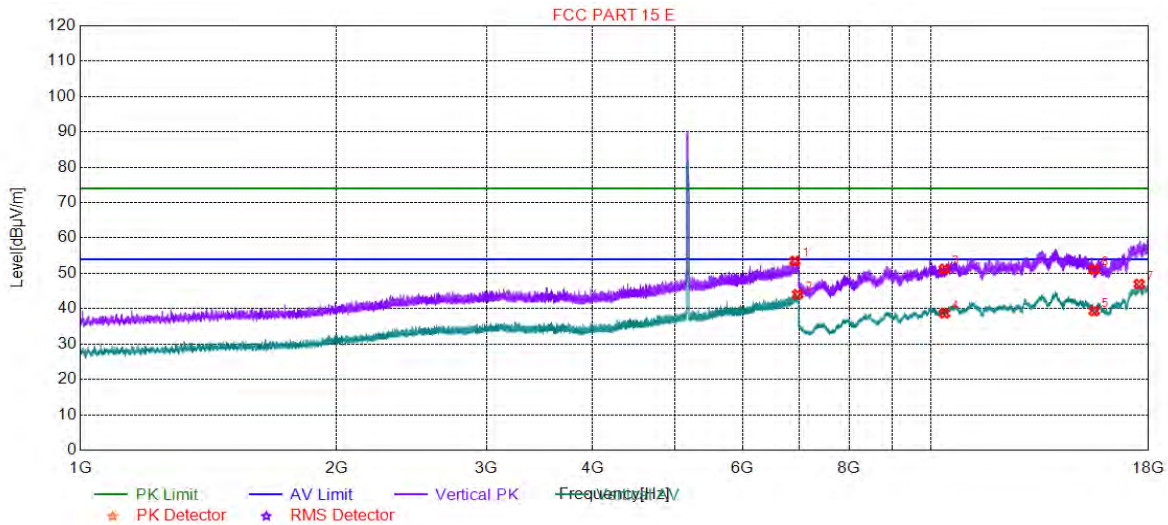
4.3.2.66 11N40_159 ANT 1_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.69	44.39	12.55	54.00	9.61	150	305	Horizontal
2	6996.69	53.35	12.76	74.00	20.65	150	334	Horizontal
3	11590.0	39.83	-3.32	54.00	14.17	150	226	Horizontal
4	11590.0	50.93	-3.32	74.00	23.07	150	1	Horizontal
5	17385.0	45.25	-1.02	54.00	8.75	150	52	Horizontal
6	17385.0	55.98	-1.02	74.00	18.02	150	226	Horizontal
7	17612.7	46.82	1.30	54.00	7.18	150	313	Horizontal

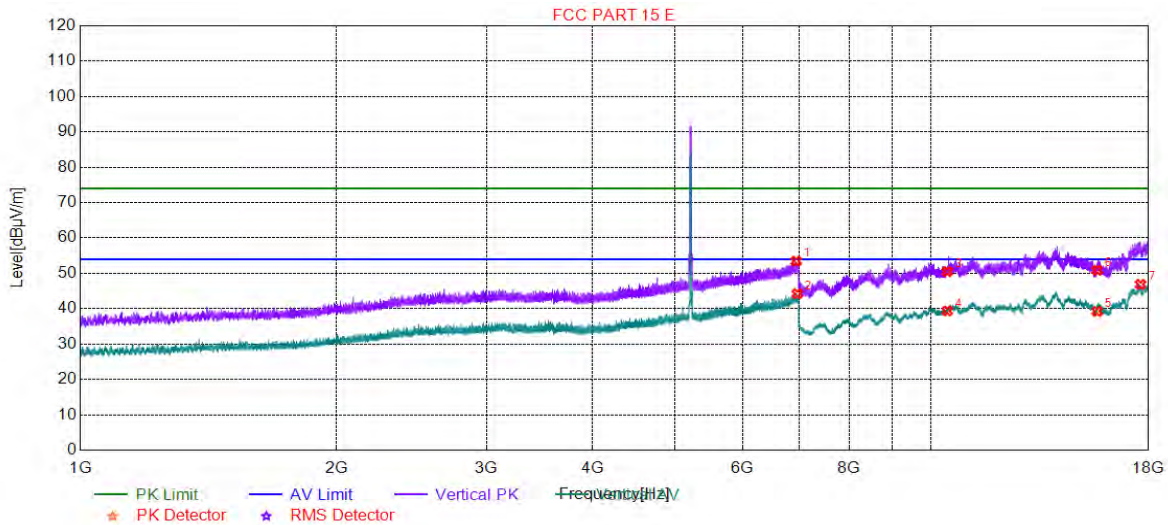
4.3.2.67 11AC20_36 ANT 1_Vertical



Suspected List

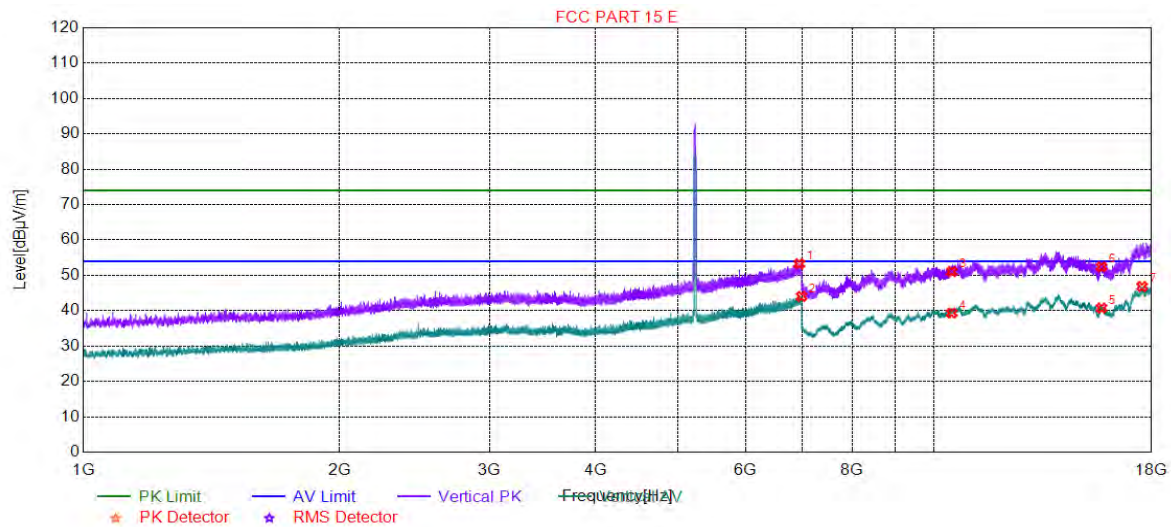
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.99	53.48	12.45	74.00	20.52	150	199	Vertical
2	6965.49	44.03	12.64	54.00	9.97	150	342	Vertical
3	10360.0	51.21	-5.35	74.00	22.79	150	47	Vertical
4	10360.0	38.70	-5.35	54.00	15.30	150	18	Vertical
5	15540.0	39.39	-3.26	54.00	14.61	150	104	Vertical
6	15540.0	51.10	-3.26	74.00	22.90	150	134	Vertical
7	17544.0	46.96	0.91	54.00	7.04	150	18	Vertical

4.3.2.68 11AC20_44 ANT 1_Vertical



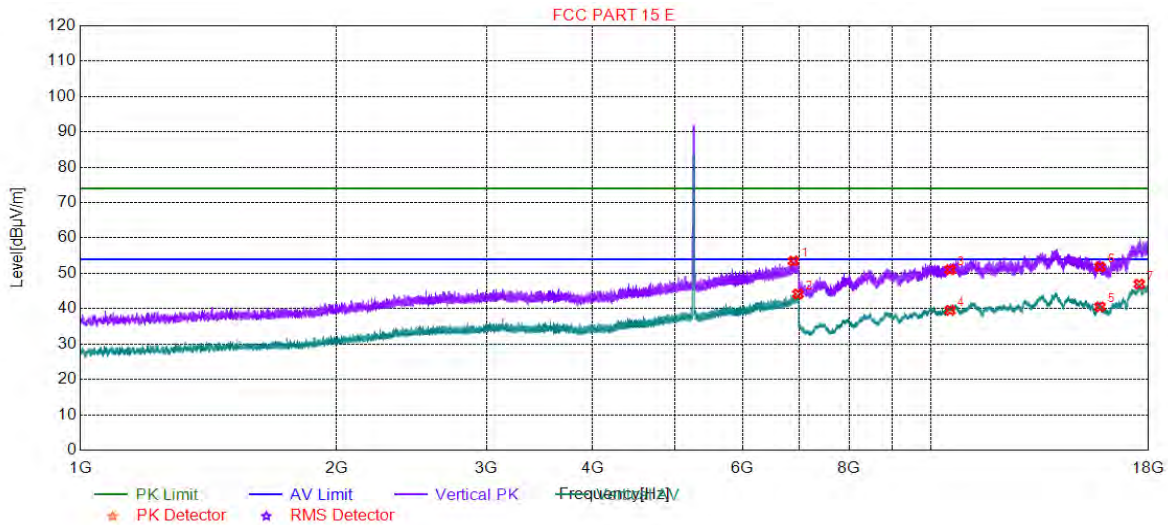
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.29	53.45	12.54	74.00	20.55	150	342	Vertical
2	6957.99	44.25	12.61	54.00	9.75	150	198	Vertical
3	10440.0	50.50	-4.92	74.00	23.50	150	220	Vertical
4	10440.0	39.39	-4.92	54.00	14.61	150	220	Vertical
5	15660.0	39.25	-3.54	54.00	14.75	150	359	Vertical
6	15660.0	50.90	-3.54	74.00	23.10	150	76	Vertical
7	17611.1	46.85	1.34	54.00	7.15	150	335	Vertical

4.3.2.69 11AC20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6938.19	53.28	12.54	74.00	20.72	150	170	Vertical
2	6981.69	44.04	12.70	54.00	9.96	150	227	Vertical
3	10480.0	51.08	-4.49	74.00	22.92	150	162	Vertical
4	10480.0	39.34	-4.49	54.00	14.66	150	306	Vertical
5	15720.0	40.75	-2.65	54.00	13.25	150	76	Vertical
6	15720.0	52.40	-2.65	74.00	21.60	150	133	Vertical
7	17541.2	46.82	0.88	54.00	7.18	150	47	Vertical

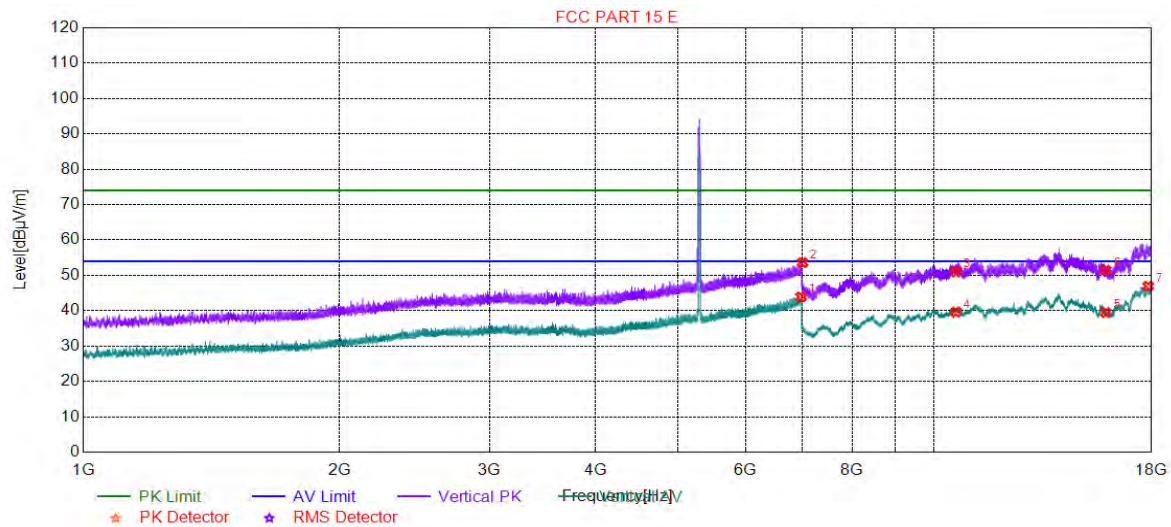
4.3.2.70 11AC20_52 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.89	53.48	12.35	74.00	20.52	150	2	Vertical
2	6970.29	44.15	12.66	54.00	9.85	150	227	Vertical
3	10520.0	51.03	-4.37	74.00	22.97	150	359	Vertical
4	10520.0	39.55	-4.37	54.00	14.45	150	76	Vertical
5	15780.0	40.54	-2.36	54.00	13.46	150	162	Vertical
6	15780.0	51.82	-2.36	74.00	22.18	150	47	Vertical
7	17547.8	46.96	0.96	54.00	7.04	150	76	Vertical

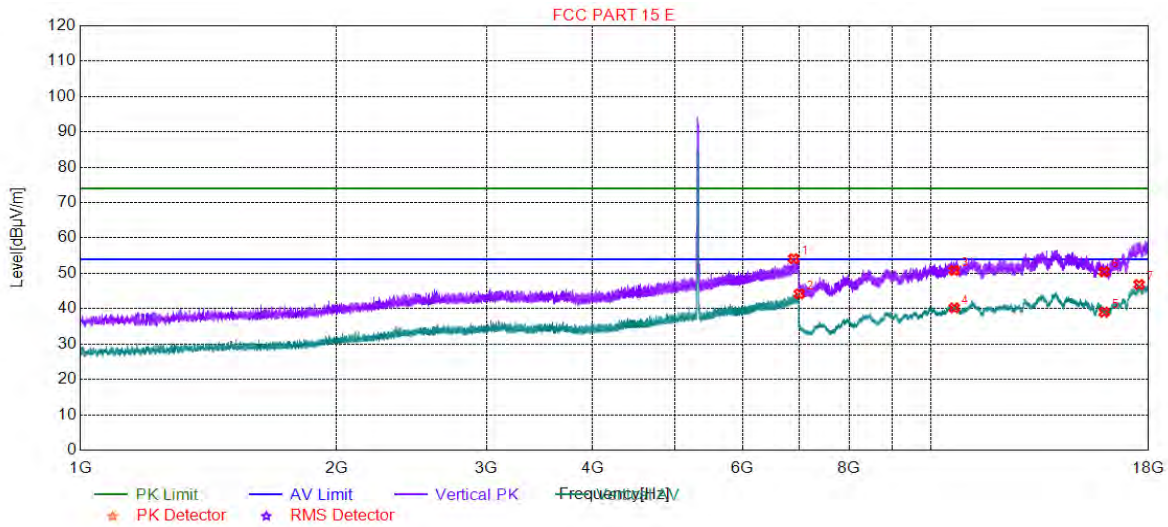
4.3.2.71 11AC20_60 ANT 1_Vertical



Suspected List

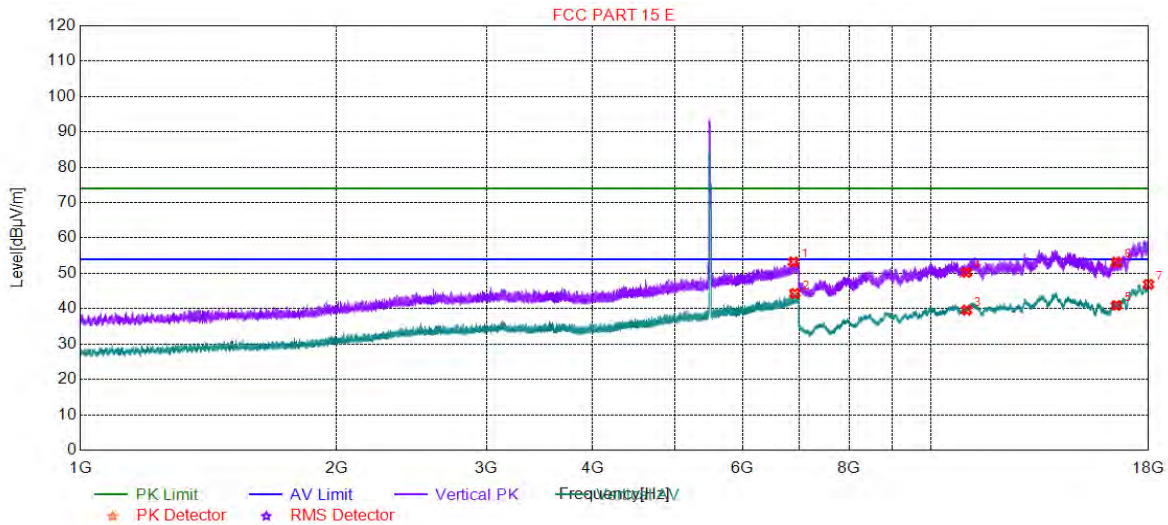
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6971.19	43.92	12.66	54.00	10.08	150	141	Vertical
2	6999.10	53.60	12.77	74.00	20.40	150	84	Vertical
3	10600.0	50.98	-4.75	74.00	23.02	150	338	Vertical
4	10600.0	39.60	-4.75	54.00	14.40	150	18	Vertical
5	15900.0	39.48	-3.75	54.00	14.52	150	76	Vertical
6	15900.0	51.46	-3.75	74.00	22.54	150	18	Vertical
7	17833.8	46.91	-0.89	54.00	7.09	150	192	Vertical

4.3.2.72 11AC20_64 ANT 1_Vertical



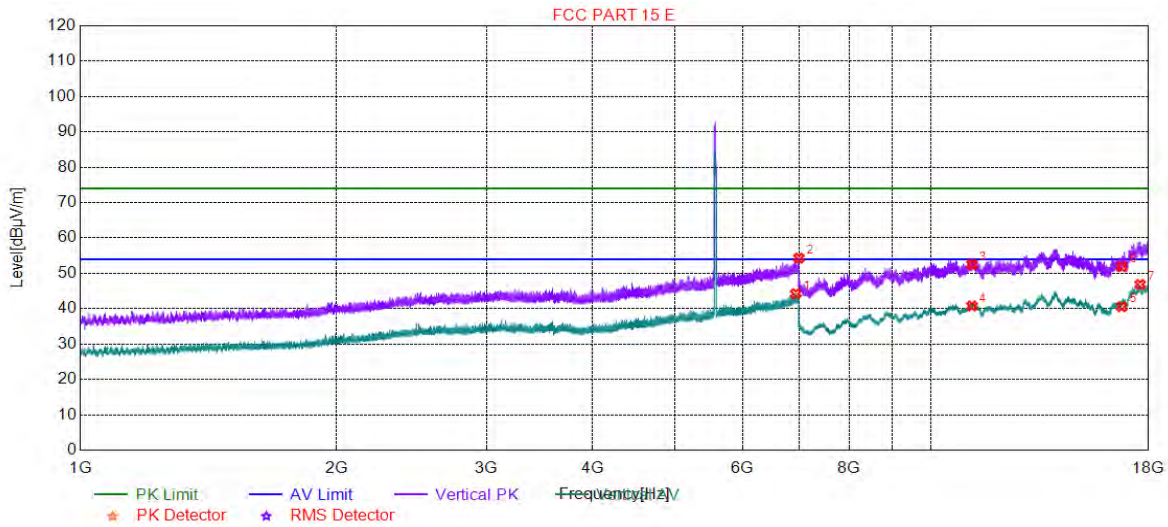
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6890.49	54.16	12.36	74.00	19.84	150	84	Vertical
2	6995.49	44.19	12.75	54.00	9.81	150	342	Vertical
3	10640.0	50.79	-4.69	74.00	23.21	150	308	Vertical
4	10640.0	40.22	-4.69	54.00	13.78	150	359	Vertical
5	15960.0	39.03	-3.70	54.00	14.97	150	134	Vertical
6	15960.0	50.45	-3.70	74.00	23.55	150	250	Vertical
7	17543.4	46.83	0.91	54.00	7.17	150	337	Vertical

4.3.2.73 11AC20_100 ANT 1_Vertical



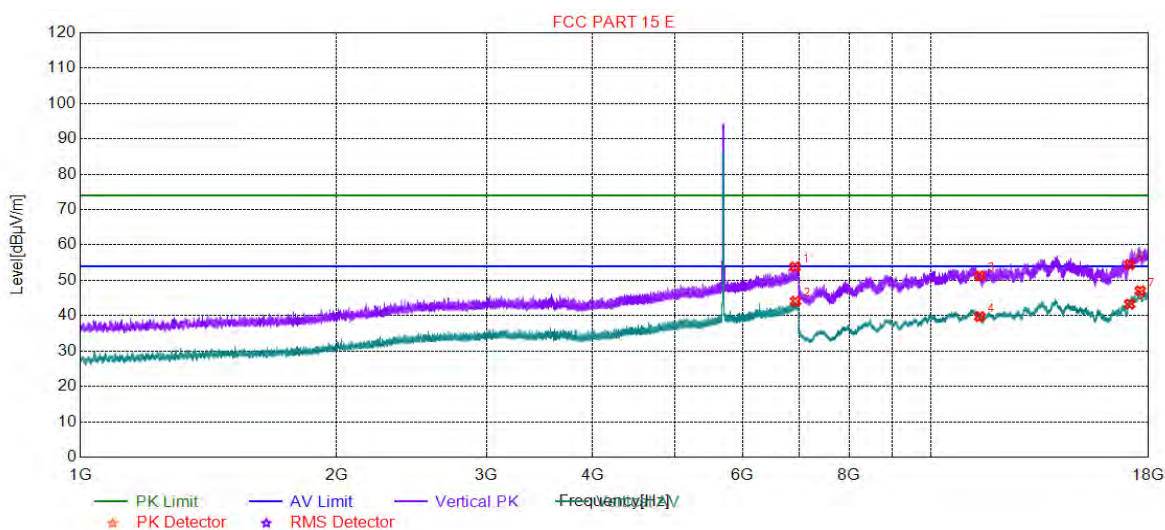
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.29	53.22	12.35	74.00	20.78	150	56	Vertical
2	6910.89	44.32	12.44	54.00	9.68	150	171	Vertical
3	11000.0	39.61	-4.28	54.00	14.39	150	280	Vertical
4	11000.0	50.24	-4.28	74.00	23.76	150	280	Vertical
5	16500.0	40.92	-3.62	54.00	13.08	150	164	Vertical
6	16500.0	53.19	-3.62	74.00	20.81	150	280	Vertical
7	17995.0	46.87	-0.39	54.00	7.13	150	280	Vertical

4.3.2.74 11AC20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.79	44.26	12.51	54.00	9.74	150	313	Vertical
2	6988.59	54.32	12.73	74.00	19.68	150	284	Vertical
3	11160.0	52.51	-3.43	74.00	21.49	150	192	Vertical
4	11160.0	40.77	-3.43	54.00	13.23	150	105	Vertical
5	16740.0	40.57	-3.33	54.00	13.43	150	105	Vertical
6	16740.0	51.89	-3.33	74.00	22.11	150	337	Vertical
7	17591.8	46.84	1.53	54.00	7.16	150	221	Vertical

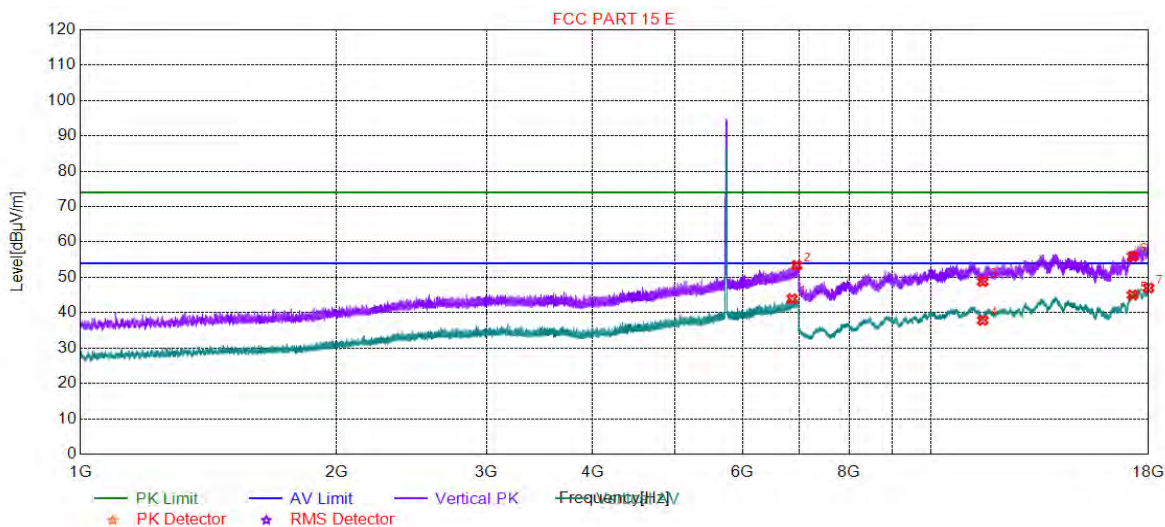
4.3.2.75 11AC20_140 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.39	53.79	12.45	74.00	20.21	150	27	Vertical
2	6924.09	44.08	12.49	54.00	9.92	150	142	Vertical
3	11400.0	51.25	-4.42	74.00	22.75	150	104	Vertical
4	11400.0	39.73	-4.42	54.00	14.27	150	306	Vertical
5	17100.0	43.28	-3.09	54.00	10.72	150	249	Vertical
6	17100.0	54.46	-3.09	74.00	19.54	150	335	Vertical
7	17598.4	47.04	1.61	54.00	6.96	150	335	Vertical



4.3.2.76 11AC20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6859.59	43.95	12.25	54.00	10.05	150	198	Vertical
2	6943.59	53.39	12.56	74.00	20.61	150	83	Vertical
3	11490.0	48.80	-5.65	74.00	25.20	150	221	Vertical
4	11490.0	37.85	-5.65	54.00	16.15	150	338	Vertical
5	17235.0	45.03	-1.47	54.00	8.97	150	251	Vertical
6	17235.0	55.92	-1.47	74.00	18.08	150	134	Vertical
7	17997.2	47.00	-0.37	54.00	7.00	150	47	Vertical