



FCC TEST REPORT

Application No.: AR/2019/40003
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: Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
EUT Description: Smart Phone
Model No.: ELE-L29m/ELE-L09m
Trade Mark: HUAWEI
FCC ID: QISELE-LX9M
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
Test Method: KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices
Date of Receipt: 2019/4/25
Date of Test: 2019/4/25 to 2019/4/29
Date of Issue: 2019/5/2

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

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

Derek yang

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



1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
00		2019/5/2		Original

Authorized for issue by:			
Tested By		<i>Mike Hu</i>	2019/5/2
		(Mike Hu) /Project Engineer	Date
Checked By		<i>David Chen</i>	2019/5/2
		(David Chen) /Reviewer	Date



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



Contents

1	VERSION	2
2	TEST SUMMARY	4
3	GENERAL INFORMATION	8
3.1	CLIENT INFORMATION	8
3.2	TEST LOCATION	8
3.3	TEST FACILITY	8
3.4	GENERAL DESCRIPTION OF EUT	9
3.5	TEST ENVIRONMENT AND MODE	12
4	TEST RESULTS AND MEASUREMENT DATA	13
4.1	CONDUCTED EMISSIONS	13
4.2	RADIATED SPURIOUS EMISSIONS	17
4.2.1	Radiated emission below 1GHz	19
4.2.1	Transmitter emission above 1GHz	21
4.3	RESTRICTED BANDS AROUND FUNDAMENTAL FREQUENCY	265
4.3.1	Test plots	267
5	MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	455
6	EQUIPMENT LIST	456
7	PHOTOGRAPHS - EUT TEST SETUP DETAILS	457





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).		
	5470-5725	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 4.2	Pass
AC Power Line Conducted Emissions	5150-5250 5250-5350 5470-5725 5725-5850	15.207	---	Clause 4.1	Pass





Remark:

The difference between model ELE-L04m and model ELE -L29m is show in the below table:

	Model	ELE-L04m	ELE-L29m
Licensed Frequency	LTE BAND	FCC Band: B2/B4/ B5/B7/B12/B17/B26/B38/ B41 (2535~2655MHz) /B66	FCC Band: B2/B4/ B5/B7/B12/B17/B26/B38/ B41 (2535~2655MHz)
	UMTS BAND	the same	the same
	GSM	the same	the same
	IC	the same	the same
	Antenna	the same	the same
	NFC	the same	the same
Unlicensed Frequency	Bluetooth	the same	the same
	2.4G Wi-Fi	the same	the same
	5.8G Wi-Fi	the same	the same
	IC	the same	the same
	Antenna	the same	the same
Hardware	Ram / Rom	the same	the same
	Camera	the same	the same
	PCB	the same	the same
	USB Port	the same	the same
	SIM	one	two
	Hardware version	the same	the same
RF	RF circuit	The hardware channel of WCDMA B4 and LTE B2/4/7(include CA band) is different, Irrelevant to other frequency bands	The hardware channel of WCDMA B4 and LTE B2/4/7(include CA band) is different, Irrelevant to other frequency bands
Appearance	Dimension	the same	the same
	Color	different	different
Accessory	Battery	the same	the same
	External Charger	the same	the same
	USB label	the same	the same
	Earphone	the same	the same

The mobile phone ELE-L29m and ELE-L09m are LTE/UMTS/GSM mobile phone with Bluetooth. The differences between ELE-L29m and ELE-L09m are showed in the following table. ELE-L09m delete one SIM by software. Other parts of the mobile phone are the same, including the appearance, the antenna, Chipset, Bluetooth mode, Wifi mode, Adapter, Battery, and so on.

	ELE-L29m	ELE-L09m
GSM four bands	the same	the same



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.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



WCDMA bands	the same	the same
LTE bands	the same	the same
SIM card	Two	One
NFC	the same	the same
External camera	the same	the same
internal camera	the same	the same
FLASH	the same	the same
Mainboard	the same	the same
PCB layout	the same	the same
Appearance	the same	the same
Bluetooth mode	the same	the same
WLAN mode	the same	the same
BT/ WLAN antenna	the same	the same
GSM/ WCDMA /LTE antenna	the same	The same
Adapter	the same	the same
Battery	the same	the same
Chipset	the same	the same
Memory	the same	the same
RF Parameter	the same	the same
Dimension	the same	the same
Main Frequency NV	the same	the same

1, Only AC Power Line Conducted Emissions, Unwanted Emissions that fall Outside of the Restricted Bands(Radiated) and Unwanted Emissions in the Restricted Bands (Radiated) were tested, and the data displayed in this report.

2, According to the difference above, all the items contained in this report were performed on ELE-L04m, the data of ELE-L29m and ELE-L09m can refer to ELE-L04m (Original Report NO.: AR/2019/4000302)



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 (SGS-CSTC Laboratory)

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 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) 8307 1443, or email: CN.Doccheck@sgs.com

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

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.:	ELE-L29m/ELE-L09m
Trade Mark:	HUAWEI
Hardware Version:	HL3ELLEM
Software Version:	5.0.1.130 (SP2C432E131R1P11)
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 802.11a/ n(HT20/40)/ ac(HT20/40/80/160): 5150MHz to 5250MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80/160): 5250MHz to 5350MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80/160): 5470MHz to 5725MHz IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5725MHz to 5850MHz
Type of Modulation:	OFDM
DFS mode:	☐ Master ☐ Slave with radar detection ☒ Slave without radar detection
Sample Type:	☒ Portable Device, ☐ Module
Antenna Type:	☐ External, ☒ Integrated
Antenna Ports	☒ Ant 1, ☐ Ant 2, ☐ Ant 3
Smart System	☒ SISO (for 802.11a/n/ac), ☒ MIMO (for 802.11n/ac), ☐ Diversity (for 802.11a) : Tx & Rx
Antenna Gain:	Ant1:-2.12dBi; Ant2:-2.01dBi
Power Supply	☒ AC/DC Adapter; ☐ PoE; ☐ Other:
Adapter	Model: HW-050450B00 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V ☒ 2A OR 4.5V ☒ 5A OR 5V ☒ 4.5A Model: HW-050450E00 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V ☒ 2A OR 4.5V ☒ 5A OR 5V ☒ 4.5A Model: HW-050450U00 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V ☒ 2A OR 4.5V ☒ 5A OR 5V ☒ 4.5A



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



	Model: HW-050450A00 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V  2A OR 4.5V  5A OR 5V  4.5A Model: HW-050450E01 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V  2A OR 4.5V  5A OR 5V  4.5A Model: HW-050450A01 Manufacturer: Huawei Technologies Co.,Ltd. Input Voltage: 100V-240V~50/60Hz, 0.75A Output Voltage: 5V  2A OR 4.5V  5A OR 5V  4.5A
Rechargeable Li-ion	Battery Model: HB436380ECW Rated capacity: 3550mAh Nominal Voltage:  +3.85V Charging Voltage:  +4.43V

Remark:

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

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





For UNII Band I:

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

For UNII Band II-A:

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

For UNII Band II-C:

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



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 and 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



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.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA) Laboratory

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 Test results and Measurement Data

4.1 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.		



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.

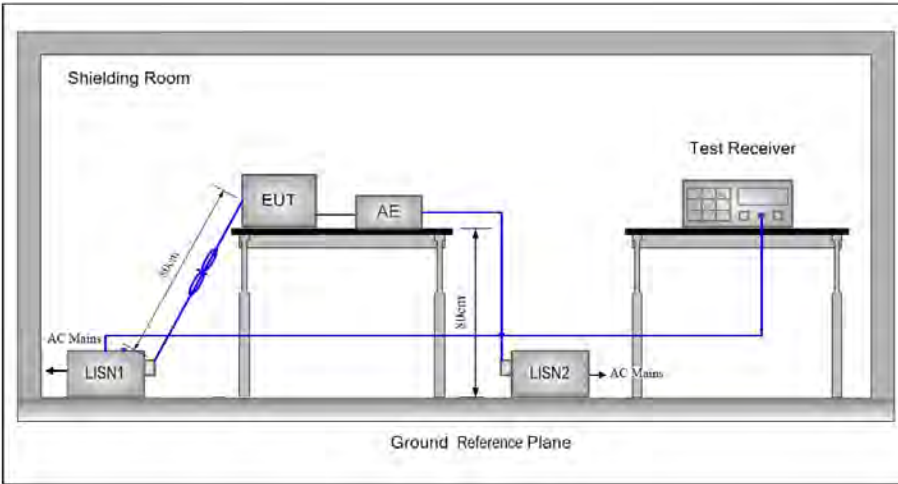
or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgs.com.cn
sgs.china@sgs.com

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

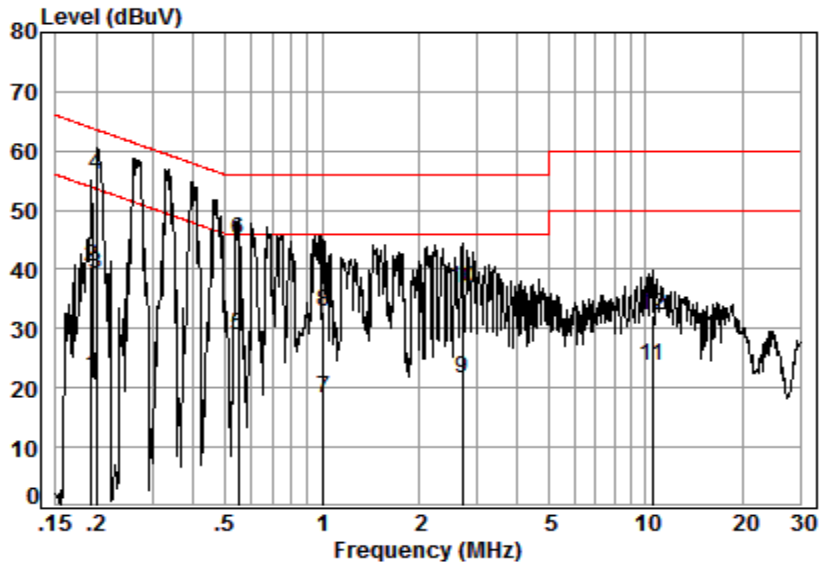
Measurement Data

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

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



Live Line:



Site : Shielding Room

Condition: Line

Job No. : 13093CR

Test mode: e

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.19	0.02	9.66	12.14	21.82	53.89	-32.07	Average
2	0.19	0.02	9.66	30.69	40.37	63.89	-23.52	QP
3	0.20	0.02	9.66	29.58	39.26	53.58	-14.32	Average
4	0.20	0.02	9.66	46.34	56.02	63.58	-7.56	QP
5	0.55	0.06	9.67	19.25	28.98	46.00	-17.02	Average
6	0.55	0.06	9.67	35.33	45.06	56.00	-10.94	QP
7	1.00	0.09	9.74	8.31	18.14	46.00	-27.86	Average
8	1.00	0.09	9.74	23.16	32.99	56.00	-23.01	QP
9	2.71	0.16	9.71	11.77	21.64	46.00	-24.36	Average
10	2.71	0.16	9.71	26.90	36.77	56.00	-19.23	QP
11	10.51	0.17	9.91	13.51	23.59	50.00	-26.41	Average
12	10.51	0.17	9.91	22.16	32.24	60.00	-27.76	QP

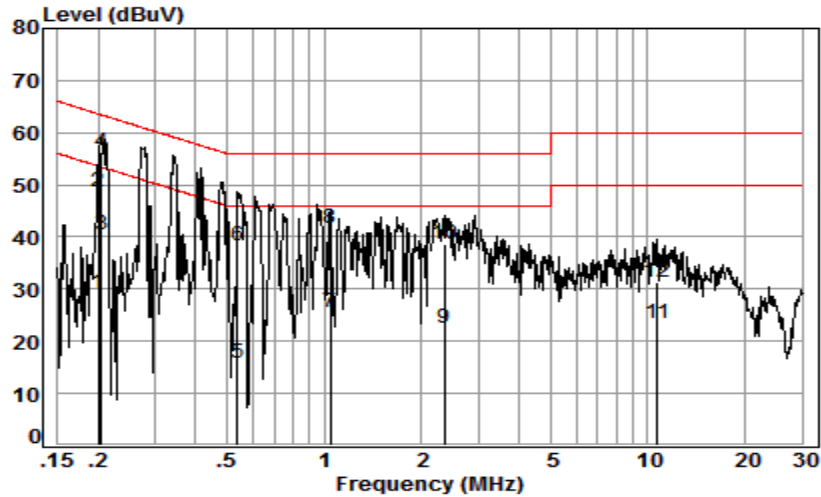


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Neutral Line:



Site : Shielding Room
Condition: Neutral
Job No. : 13093CR
Test mode: e

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.20	0.02	9.64	19.40	29.06	53.62	-24.56	Average
2	0.20	0.02	9.64	39.00	48.66	63.62	-14.96	QP
3	0.21	0.02	9.64	30.65	40.31	53.40	-13.09	Average
4	0.21	0.02	9.64	46.65	56.31	63.40	-7.09	QP
5	0.54	0.06	9.64	6.04	15.74	46.00	-30.26	Average
6	0.54	0.06	9.64	28.57	38.27	56.00	-17.73	QP
7	1.04	0.09	9.71	15.88	25.68	46.00	-20.32	Average
8	1.04	0.09	9.71	31.87	41.67	56.00	-14.33	QP
9	2.36	0.16	9.68	12.77	22.61	46.00	-23.39	Average
10	2.36	0.16	9.68	28.81	38.65	56.00	-17.35	QP
11	10.73	0.18	9.93	13.17	23.28	50.00	-26.72	Average
12	10.73	0.18	9.93	21.36	31.47	60.00	-28.53	QP

Remarks:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



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

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.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.2 Radiated Spurious Emissions

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

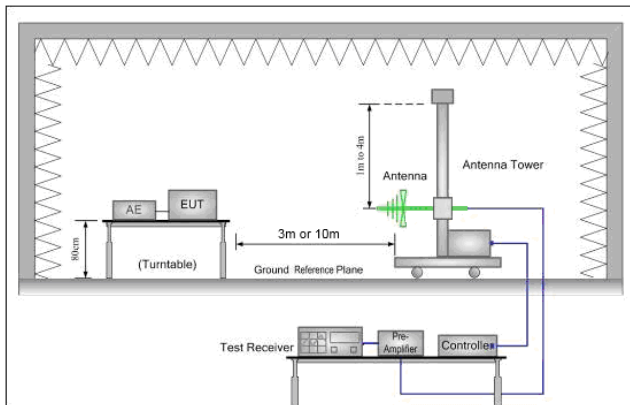


Figure 1. 30MHz to 1GHz

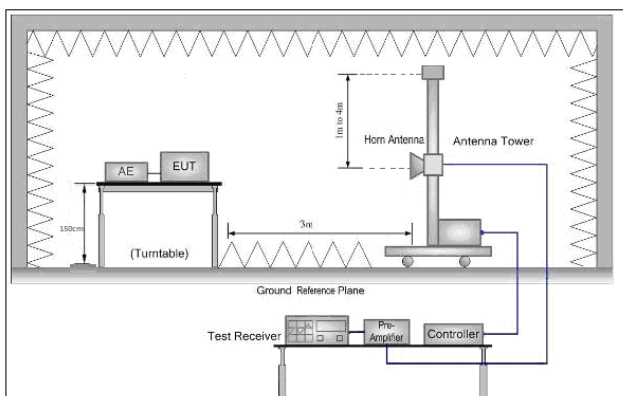


Figure 2. Above 1 GHz

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



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.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT20); MCSAC0 of rate is the worst case of 802.11ac(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT80); MCSAC0 of rate is the worst case of 802.11ac(HT160) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 6 for details
Test Results:	Pass



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

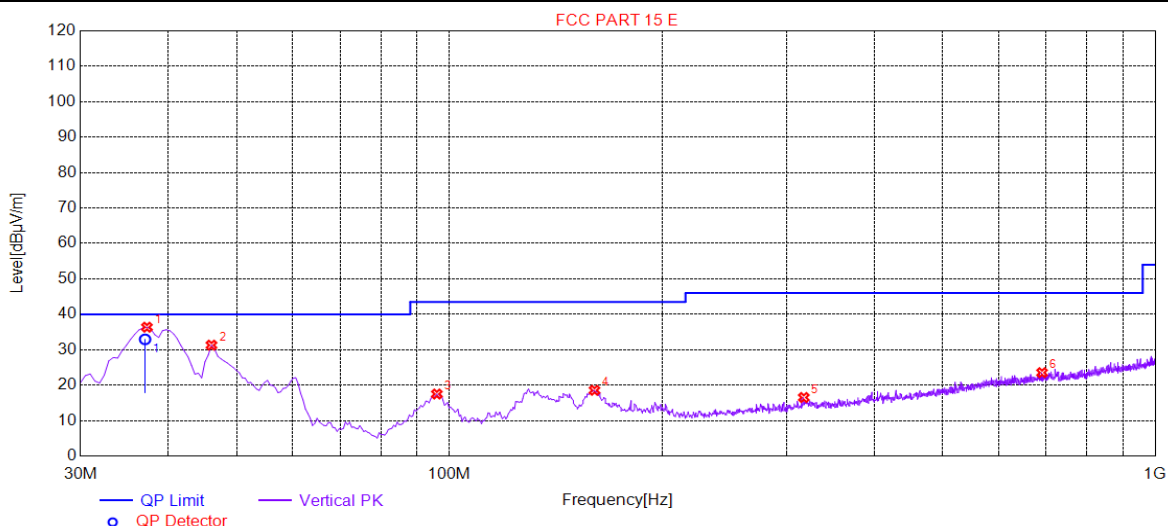
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SGS-CSTC Laboratory)

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



4.2.1 Radiated emission below 1GHz

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



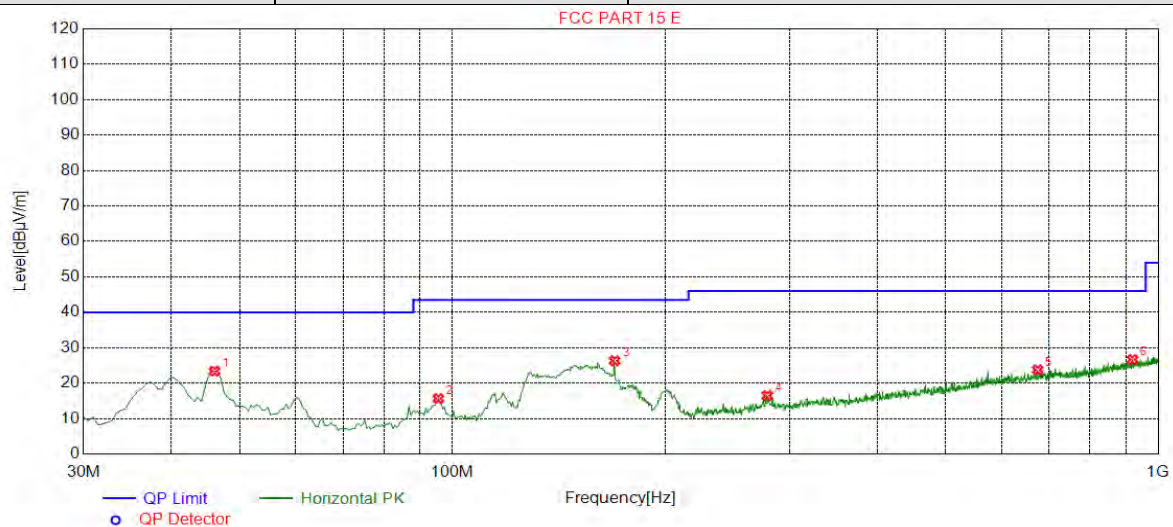
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.2786	36.36	-32.22	40.00	3.64	100	264	Vertical
2	46.0130	31.29	-30.42	40.00	8.71	100	46	Vertical
3	95.9930	17.50	-32.71	43.50	26.00	100	70	Vertical
4	160.530	18.55	-34.60	43.50	24.95	200	155	Vertical
5	317.748	16.52	-27.76	46.00	29.48	200	90	Vertical
6	691.385	23.53	-19.60	46.00	22.47	100	235	Vertical





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



Suspected List

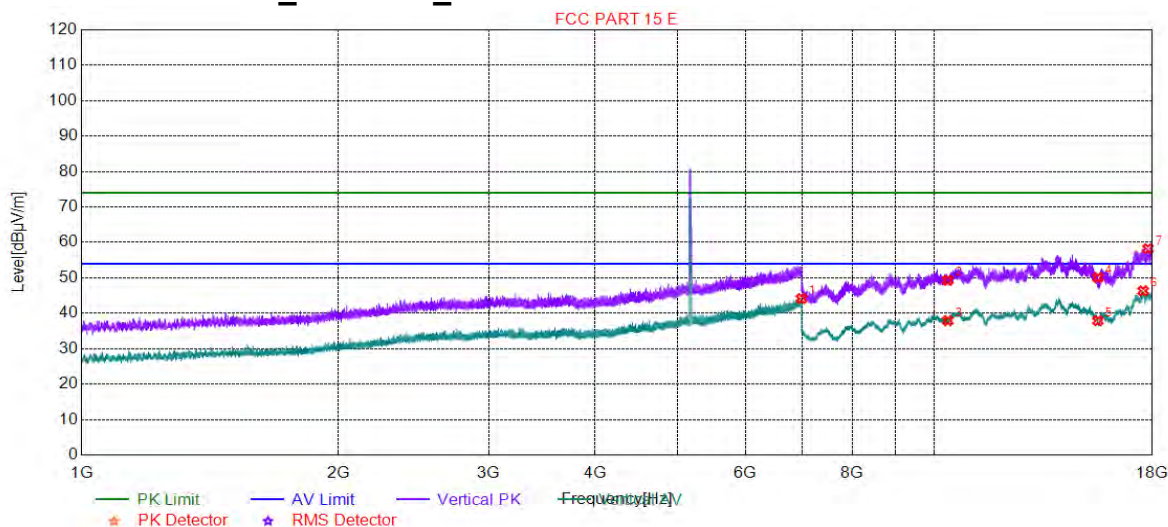
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.0130	23.40	-30.42	40.00	16.60	200	203	Horizontal
2	95.5078	15.64	-32.80	43.50	27.86	200	242	Horizontal
3	169.749	26.33	-34.05	43.50	17.17	200	208	Horizontal
4	279.414	16.48	-29.00	46.00	29.52	100	252	Horizontal
5	674.887	23.73	-19.77	46.00	22.27	100	297	Horizontal
6	919.935	26.64	-15.81	46.00	19.36	200	93	Horizontal





4.2.1 Transmitter emission above 1GHz

4.2.1.1 11A20_36 ANT 1_Vertical

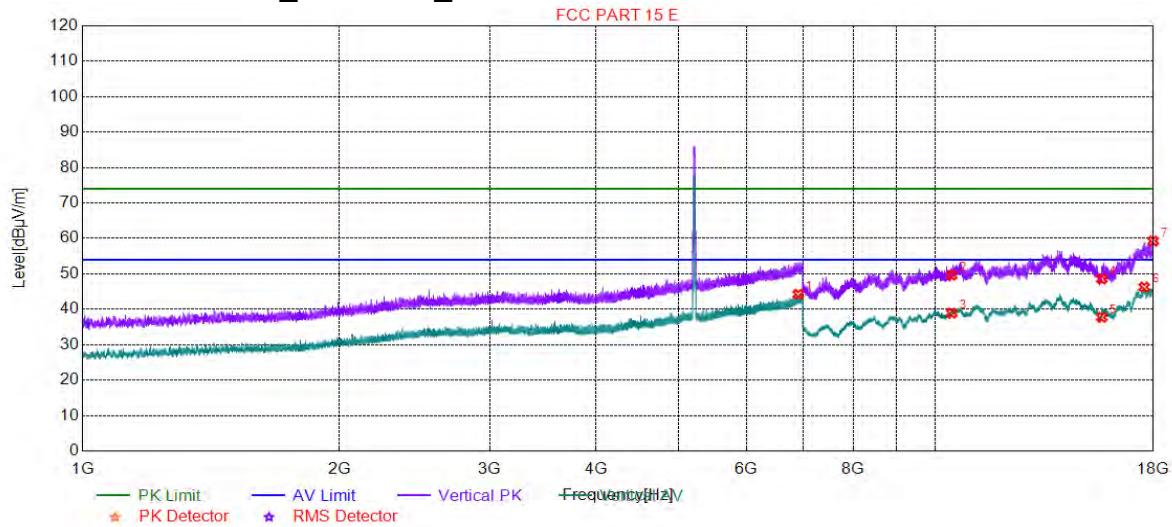


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6981.39	44.14	12.70	54.00	9.86	150	285	Vertical
2	10360.0	49.31	-5.35	74.00	24.69	150	142	Vertical
3	10360.0	37.93	-5.35	54.00	16.07	150	342	Vertical
4	15540.0	50.09	-3.26	74.00	23.91	150	227	Vertical
5	15540.0	37.90	-3.26	54.00	16.10	150	285	Vertical
6	17552.2	46.32	1.02	54.00	7.68	150	114	Vertical
7	17784.3	58.24	-0.80	74.00	15.76	150	2	Vertical



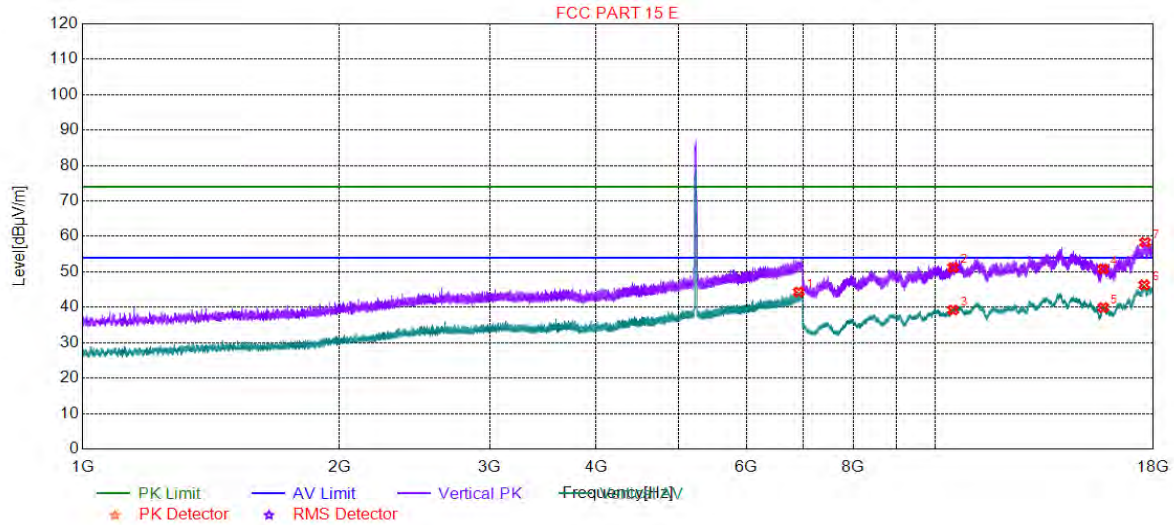
4.2.1.2 11A20_44 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6900.69	44.25	12.40	54.00	9.75	150	59	Vertical
2	10440.0	49.64	-4.92	74.00	24.36	150	247	Vertical
3	10440.0	38.90	-4.92	54.00	15.10	150	279	Vertical
4	15660.0	48.55	-3.54	74.00	25.45	150	314	Vertical
5	15660.0	37.74	-3.54	54.00	16.26	150	247	Vertical
6	17557.7	46.27	1.09	54.00	7.73	150	342	Vertical
7	17988.9	59.26	-0.43	74.00	14.74	150	247	Vertical

4.2.1.3 11A20_48 ANT 1_Vertical

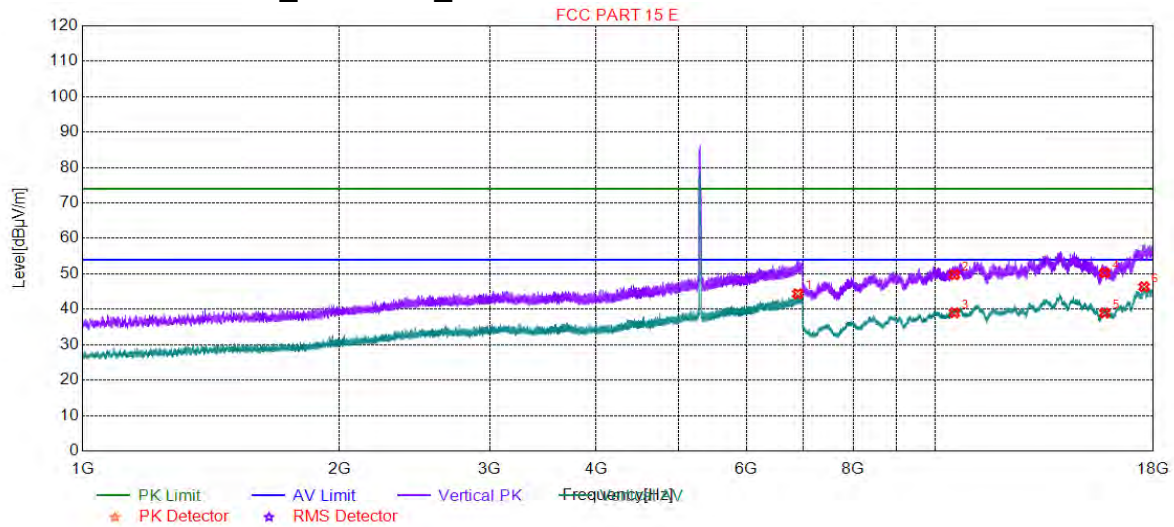


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.39	44.33	12.43	54.00	9.67	150	228	Vertical
2	10480.0	51.22	-4.49	74.00	22.78	150	60	Vertical
3	10480.0	39.23	-4.49	54.00	14.77	150	116	Vertical
4	15720.0	50.82	-2.65	74.00	23.18	150	285	Vertical
5	15720.0	39.93	-2.65	54.00	14.07	150	229	Vertical
6	17554.4	46.31	1.05	54.00	7.69	150	144	Vertical
7	17599.5	58.33	1.62	74.00	15.67	150	32	Vertical



4.2.1.4 11A20_52 ANT 1_Vertical

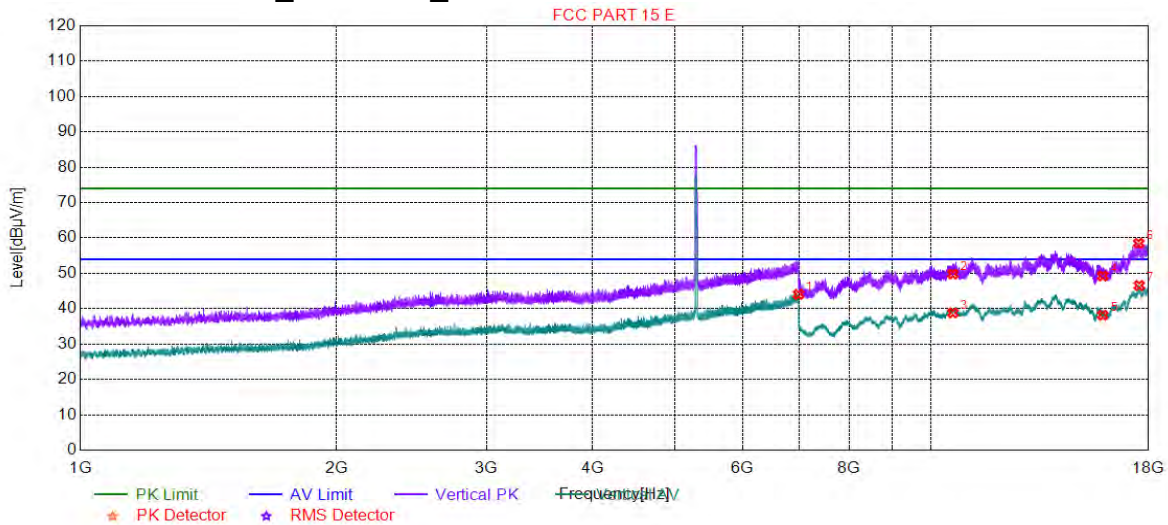


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.89	44.38	12.37	54.00	9.62	150	257	Vertical
2	10520.0	49.73	-4.37	74.00	24.27	150	4	Vertical
3	10520.0	39.01	-4.37	54.00	14.99	150	87	Vertical
4	15780.0	50.26	-2.36	74.00	23.74	150	342	Vertical
5	15780.0	38.95	-2.36	54.00	15.05	150	342	Vertical
6	17551.7	46.34	1.01	54.00	7.66	150	313	Vertical



4.2.1.5 11A20_60 ANT 1_Vertical



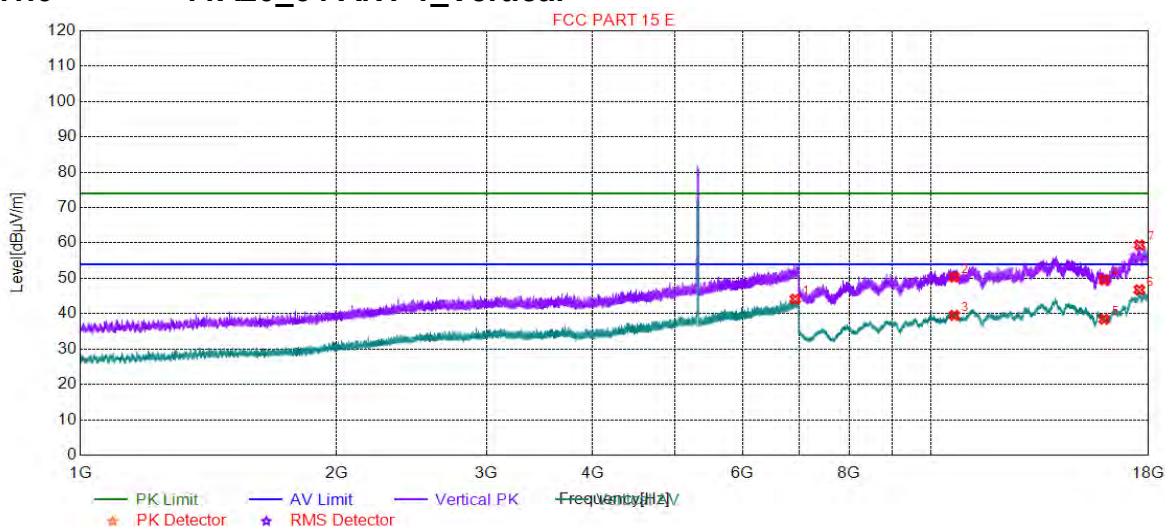
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6980.49	44.06	12.70	54.00	9.94	150	59	Vertical
2	10600.0	49.80	-4.75	74.00	24.20	150	31	Vertical
3	10600.0	38.82	-4.75	54.00	15.18	150	88	Vertical
4	15900.0	49.27	-3.75	74.00	24.73	150	88	Vertical
5	15900.0	38.16	-3.75	54.00	15.84	150	116	Vertical
6	17523.6	58.51	0.65	74.00	15.49	150	116	Vertical
7	17545.6	46.57	0.93	54.00	7.43	150	116	Vertical





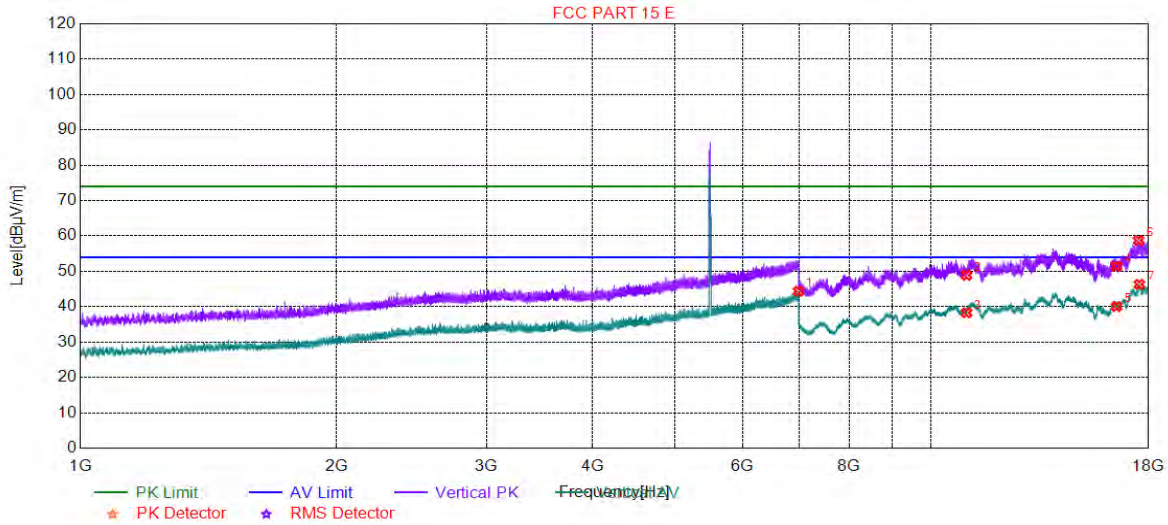
4.2.1.6 11A20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.89	44.10	12.47	54.00	9.90	150	312	Vertical
2	10640.0	50.33	-4.69	74.00	23.67	150	32	Vertical
3	10640.0	39.52	-4.69	54.00	14.48	150	314	Vertical
4	15960.0	49.54	-3.70	74.00	24.46	150	342	Vertical
5	15960.0	38.45	-3.70	54.00	15.55	150	4	Vertical
6	17551.1	46.76	1.01	54.00	7.24	150	286	Vertical
7	17561.6	59.46	1.14	74.00	14.54	150	314	Vertical



4.2.1.7 11A20_100 ANT 1_Vertical

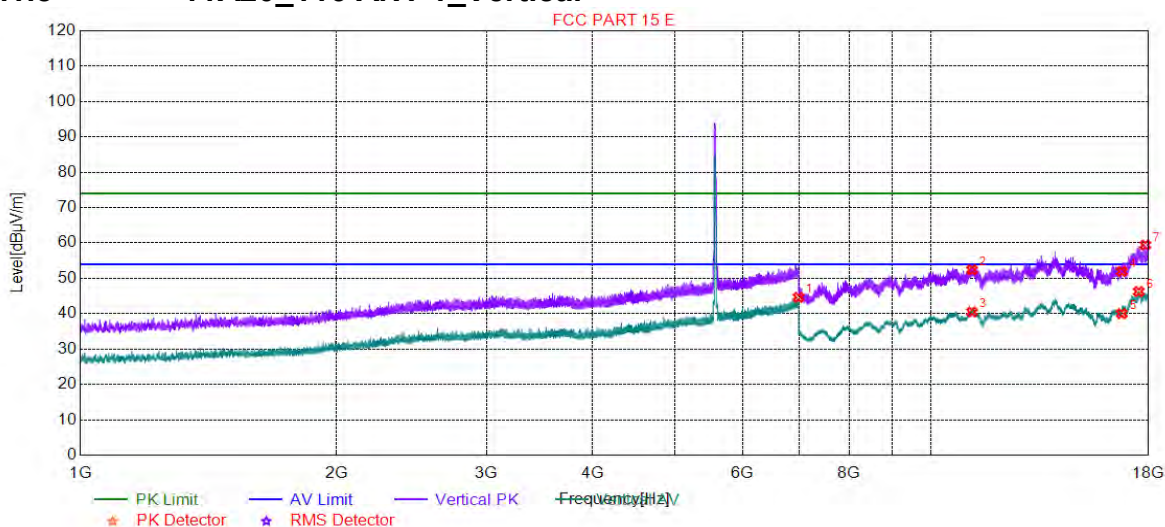


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6980.79	44.38	12.70	54.00	9.62	150	342	Vertical
2	11000.0	48.90	-4.28	74.00	25.10	150	229	Vertical
3	11000.0	38.28	-4.28	54.00	15.72	150	314	Vertical
4	16500.0	51.44	-3.62	74.00	22.56	150	32	Vertical
5	16500.0	40.06	-3.62	54.00	13.94	150	116	Vertical
6	17518.7	58.74	0.59	74.00	15.26	150	60	Vertical
7	17553.9	46.32	1.04	54.00	7.68	150	201	Vertical



4.2.1.8 11A20_116 ANT 1_Vertical



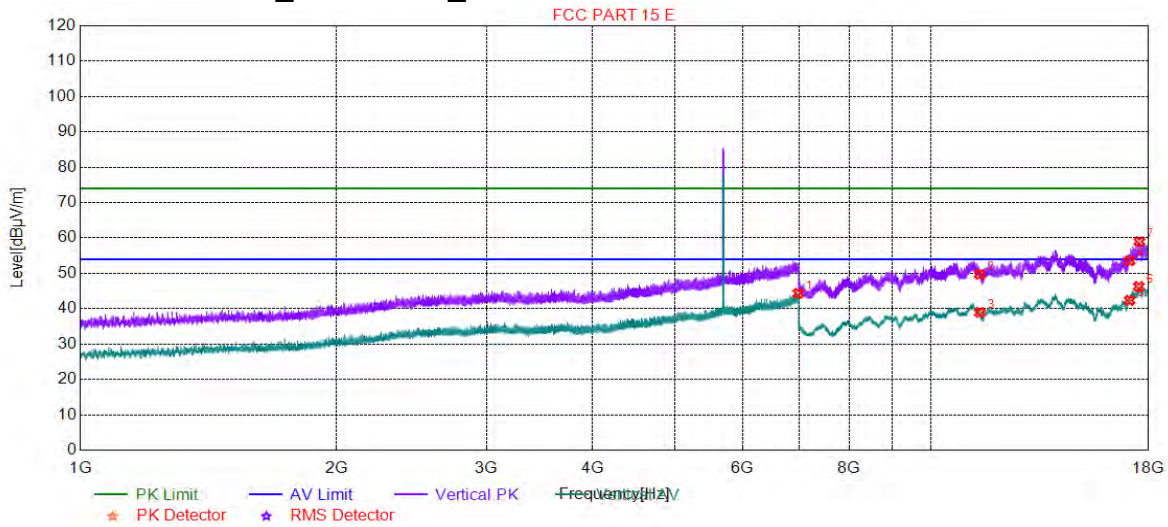
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.29	44.62	12.69	54.00	9.38	150	229	Vertical
2	11160.0	52.40	-3.43	74.00	21.60	150	229	Vertical
3	11160.0	40.50	-3.43	54.00	13.50	150	313	Vertical
4	16740.0	51.96	-3.33	74.00	22.04	150	144	Vertical
5	16740.0	40.02	-3.33	54.00	13.98	150	257	Vertical
6	17526.9	46.24	0.70	54.00	7.76	150	60	Vertical
7	17844.3	59.42	-0.92	74.00	14.58	150	32	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) 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

4.2.1.9 11A20_140 ANT 1_Vertical

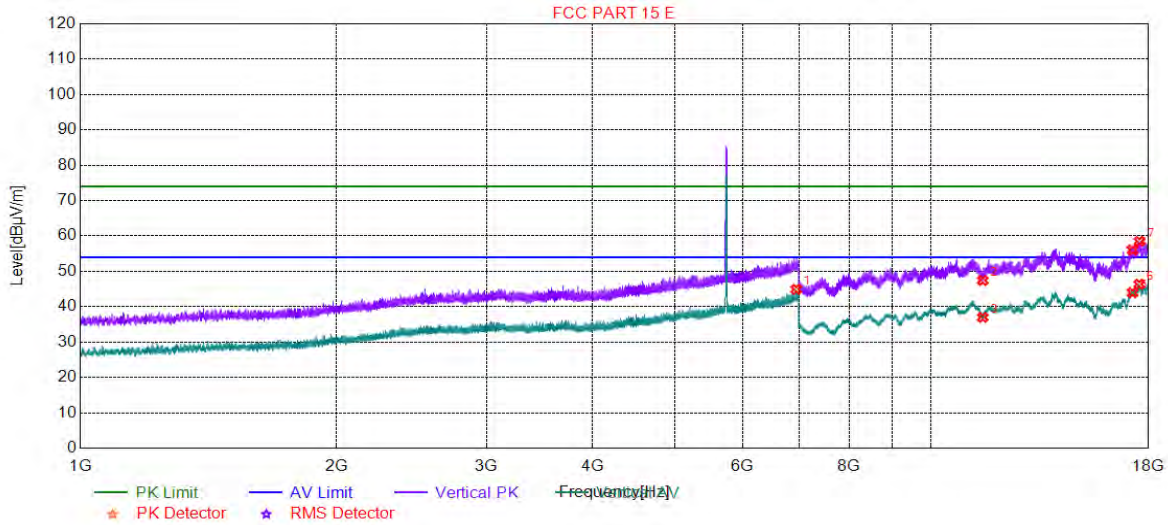


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6976.59	44.34	12.68	54.00	9.66	150	58	Vertical
2	11400.0	49.73	-4.42	74.00	24.27	150	342	Vertical
3	11400.0	38.97	-4.42	54.00	15.03	150	88	Vertical
4	17100.0	53.55	-3.09	74.00	20.45	150	60	Vertical
5	17100.0	42.35	-3.09	54.00	11.65	150	4	Vertical
6	17528.6	46.26	0.72	54.00	7.74	150	4	Vertical
7	17552.2	58.95	1.02	74.00	15.05	150	116	Vertical



4.2.1.10 11A20_149 ANT 1_Vertical

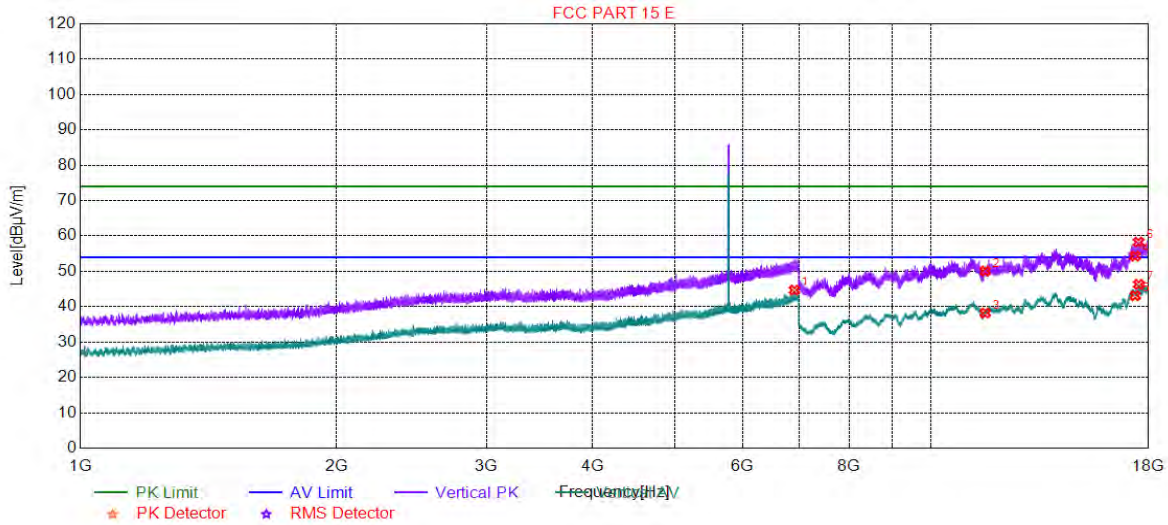


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.29	44.92	12.54	54.00	9.08	150	30	Vertical
2	11490.0	47.42	-5.65	74.00	26.58	150	60	Vertical
3	11490.0	36.98	-5.65	54.00	17.02	150	342	Vertical
4	17235.0	56.06	-1.47	74.00	17.94	150	285	Vertical
5	17235.0	43.97	-1.47	54.00	10.03	150	116	Vertical
6	17547.3	46.36	0.96	54.00	7.64	150	173	Vertical
7	17556.1	58.49	1.07	74.00	15.51	150	32	Vertical



4.2.1.11 11A20_157 ANT 1_Vertical

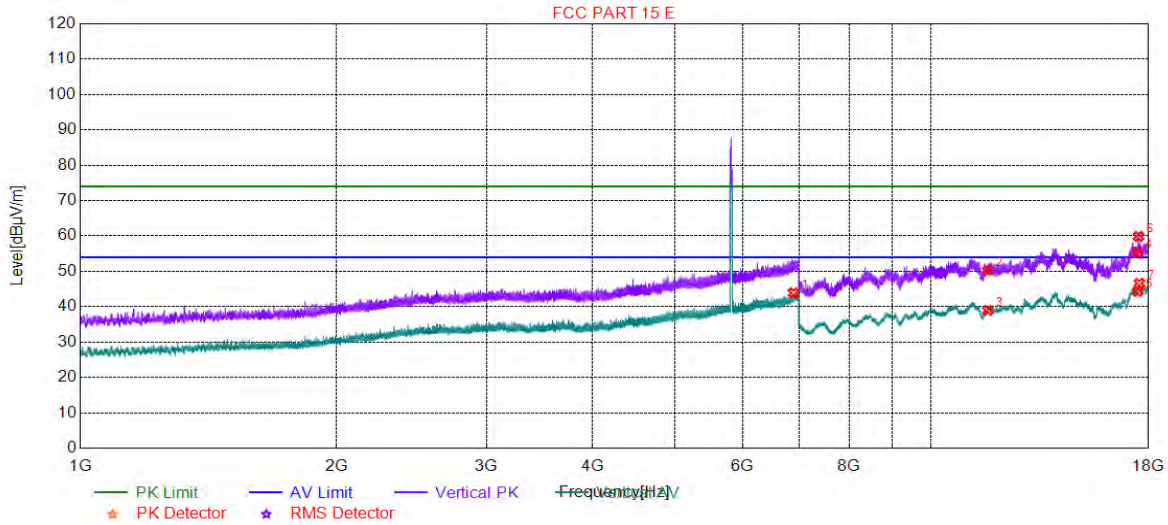


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6903.09	44.69	12.41	54.00	9.31	150	30	Vertical
2	11570.0	50.07	-3.87	74.00	23.93	150	87	Vertical
3	11570.0	38.22	-3.87	54.00	15.78	150	314	Vertical
4	17355.0	54.32	-1.07	74.00	19.68	150	30	Vertical
5	17355.0	43.12	-1.07	54.00	10.88	150	314	Vertical
6	17517.0	58.25	0.57	74.00	15.75	150	115	Vertical
7	17526.4	46.31	0.69	54.00	7.69	150	30	Vertical



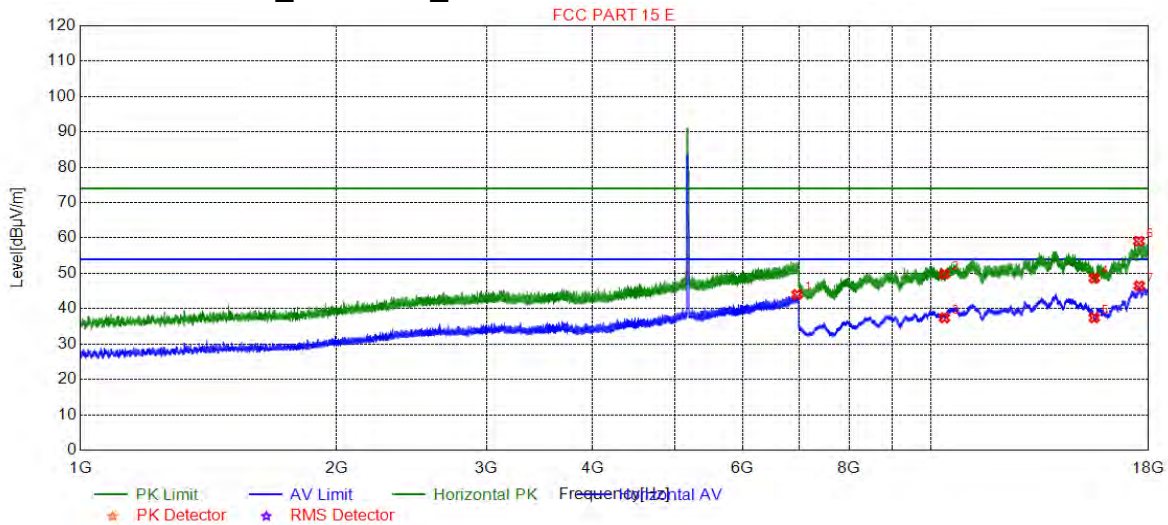
4.2.1.12 11A20_165 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.59	43.92	12.35	54.00	10.08	150	4	Vertical
2	11650.0	50.29	-3.16	74.00	23.71	150	257	Vertical
3	11650.0	38.97	-3.16	54.00	15.03	150	229	Vertical
4	17475.0	55.39	0.02	74.00	18.61	150	1	Vertical
5	17475.0	44.34	0.02	54.00	9.66	150	140	Vertical
6	17515.9	59.88	0.55	74.00	14.12	150	51	Vertical
7	17554.4	46.61	1.05	54.00	7.39	150	140	Vertical



4.2.1.13 11A20_36 ANT 1_Horizontal

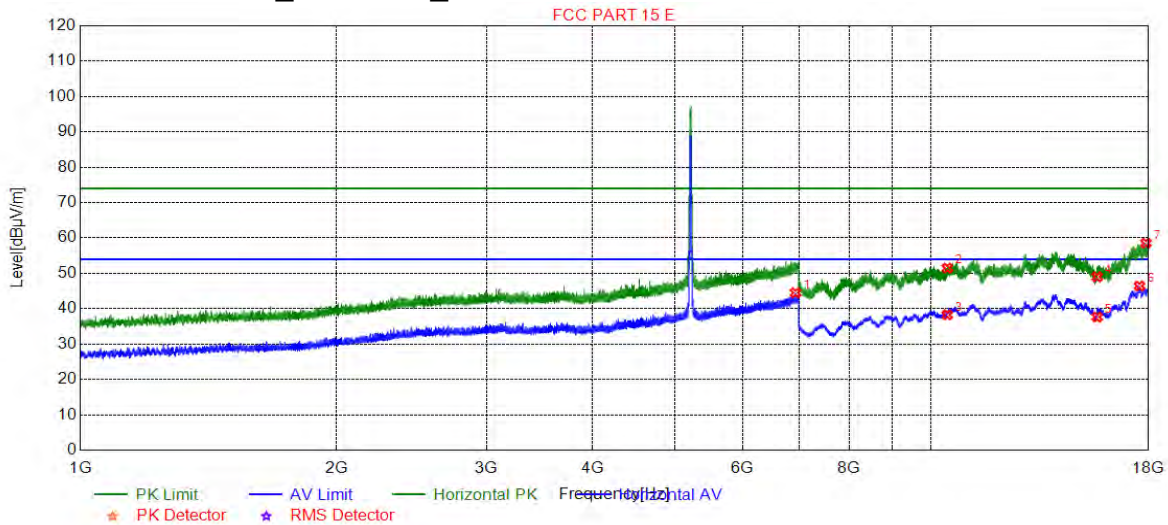


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.89	44.02	12.60	54.00	9.98	150	104	Horizontal
2	10360.0	49.79	-5.35	74.00	24.21	150	106	Horizontal
3	10360.0	37.41	-5.35	54.00	16.59	150	278	Horizontal
4	15540.0	48.63	-3.26	74.00	25.37	150	278	Horizontal
5	15540.0	37.45	-3.26	54.00	16.55	150	191	Horizontal
6	17529.7	59.09	0.73	74.00	14.91	150	221	Horizontal
7	17547.8	46.47	0.96	54.00	7.53	150	75	Horizontal

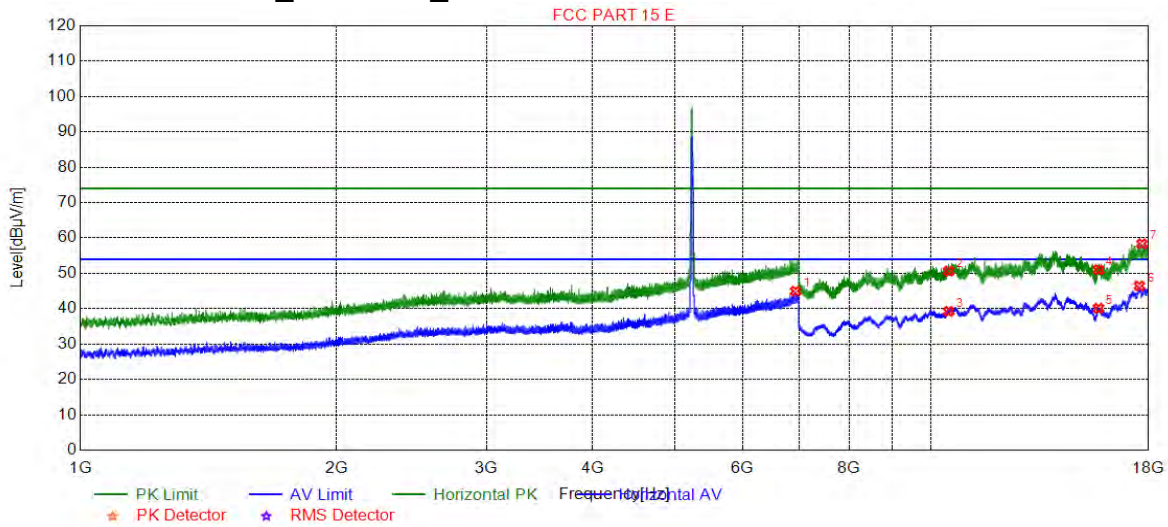


4.2.1.14 11A20_44 ANT 1_ Horizontal



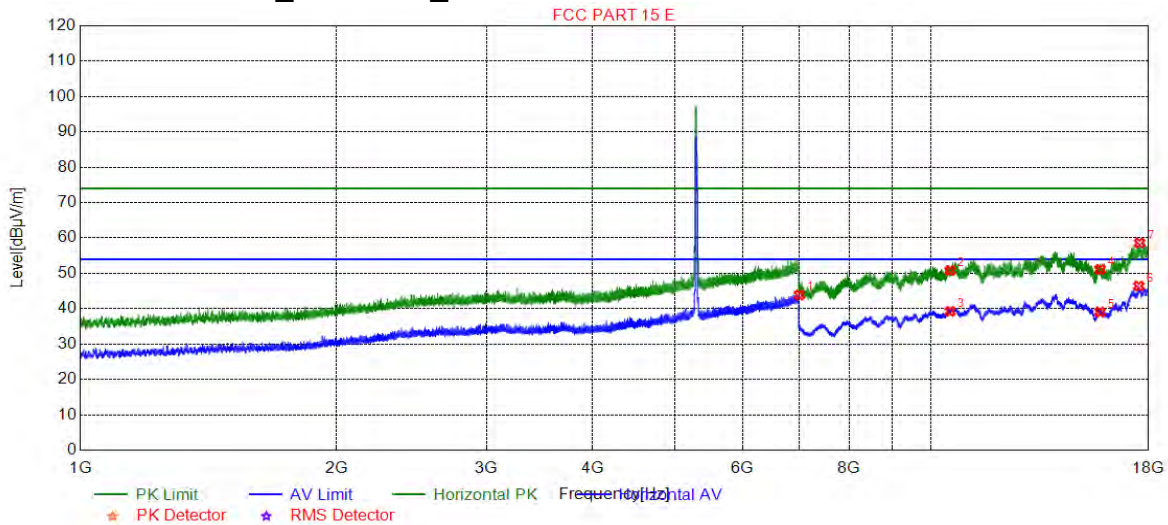
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.69	44.50	12.49	54.00	9.50	150	103	Horizontal
2	10440.0	51.49	-4.92	74.00	22.51	150	245	Horizontal
3	10440.0	38.28	-4.92	54.00	15.72	150	18	Horizontal
4	15660.0	48.99	-3.54	74.00	25.01	150	358	Horizontal
5	15660.0	37.64	-3.54	54.00	16.36	150	303	Horizontal
6	17560.5	46.42	1.12	54.00	7.58	150	358	Horizontal
7	17870.1	58.55	-1.01	74.00	15.45	150	358	Horizontal

4.2.1.15 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	6925.29	44.97	12.49	54.00	9.03	150	18	Horizontal
2	10480.0	50.63	-4.49	74.00	23.37	150	217	Horizontal
3	10480.0	39.24	-4.49	54.00	14.76	150	18	Horizontal
4	15720.0	51.00	-2.65	74.00	23.00	150	330	Horizontal
5	15720.0	40.12	-2.65	54.00	13.88	150	18	Horizontal
6	17553.9	46.45	1.04	54.00	7.55	150	245	Horizontal
7	17679.3	58.37	-0.43	74.00	15.63	150	104	Horizontal

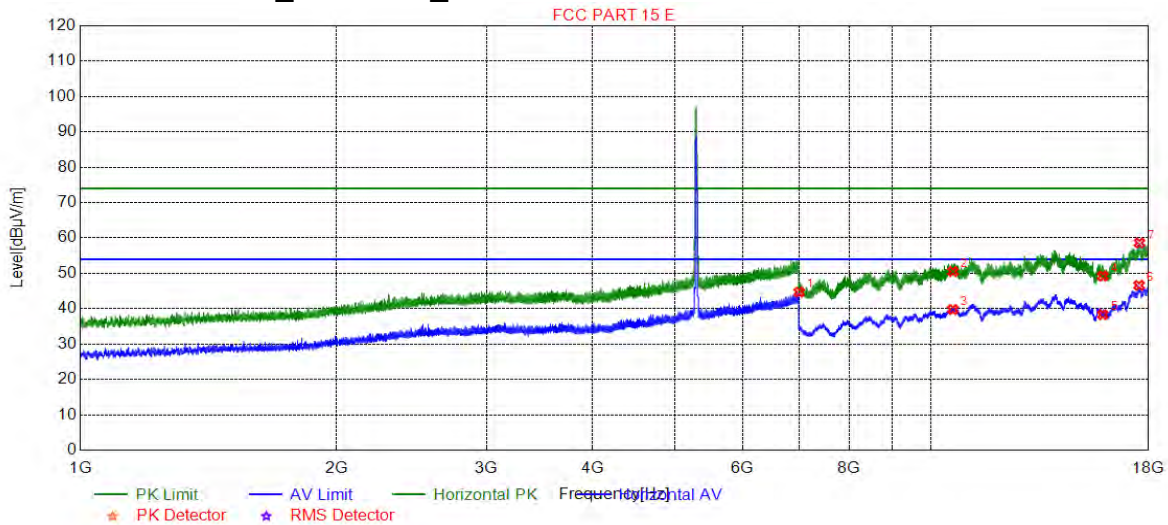
4.2.1.16 11A20_52 ANT 1_ Horizontal



Suspected List

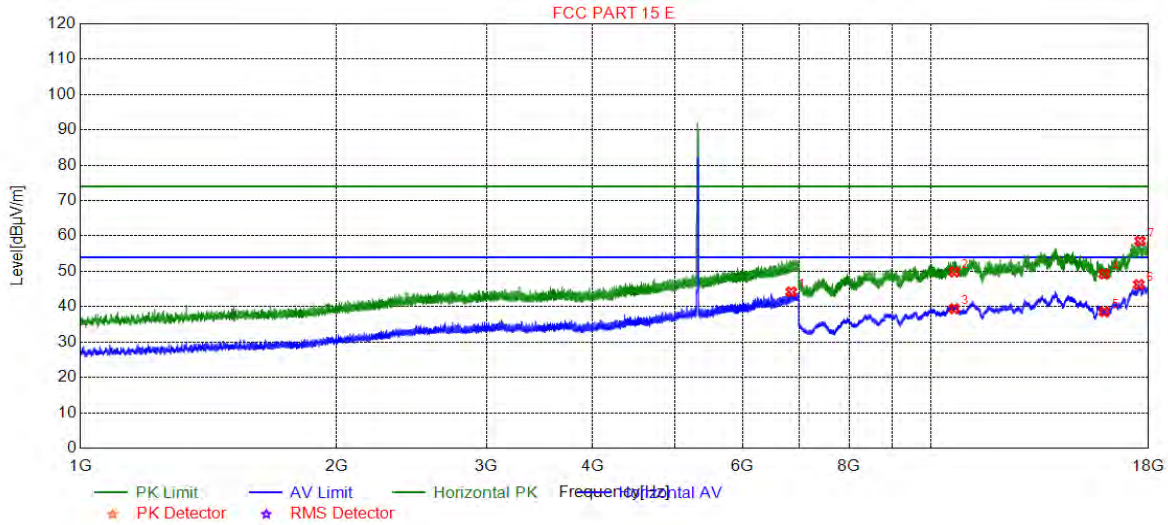
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6995.79	43.86	12.75	54.00	10.14	150	190	Horizontal
2	10520.0	50.79	-4.37	74.00	23.21	150	216	Horizontal
3	10520.0	39.26	-4.37	54.00	14.74	150	301	Horizontal
4	15780.0	51.09	-2.36	74.00	22.91	150	272	Horizontal
5	15780.0	39.05	-2.36	54.00	14.95	150	216	Horizontal
6	17527.5	46.42	0.70	54.00	7.58	150	188	Horizontal
7	17564.3	58.60	1.17	74.00	15.40	150	18	Horizontal

4.2.1.17 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	6992.79	44.68	12.74	54.00	9.32	150	18	Horizontal
2	10600.0	50.51	-4.75	74.00	23.49	150	46	Horizontal
3	10600.0	39.76	-4.75	54.00	14.24	150	301	Horizontal
4	15900.0	49.21	-3.75	74.00	24.79	150	46	Horizontal
5	15900.0	38.33	-3.75	54.00	15.67	150	329	Horizontal
6	17539.6	46.60	0.86	54.00	7.40	150	272	Horizontal

4.2.1.18 11A20_64 ANT 1_ Horizontal

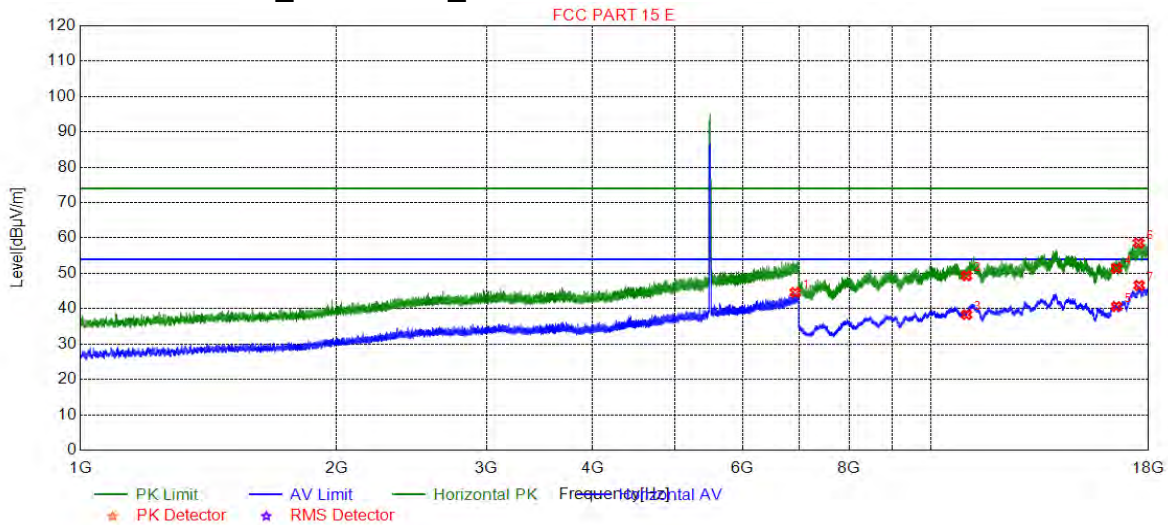


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6843.69	44.19	12.19	54.00	9.81	150	18	Horizontal
2	10640.0	49.83	-4.69	74.00	24.17	150	329	Horizontal
3	10640.0	39.44	-4.69	54.00	14.56	150	244	Horizontal
4	15960.0	49.24	-3.70	74.00	24.76	150	356	Horizontal
5	15960.0	38.57	-3.70	54.00	15.43	150	216	Horizontal
6	17530.8	46.25	0.74	54.00	7.75	150	131	Horizontal
7	17587.4	58.55	1.47	74.00	15.45	150	300	Horizontal

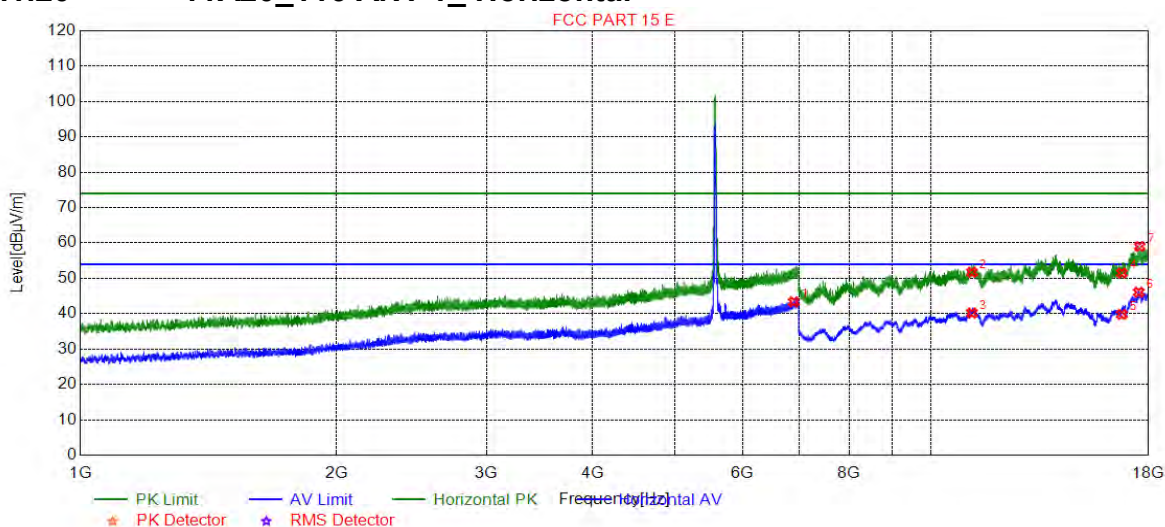


4.2.1.19 11A20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6920.19	44.59	12.47	54.00	9.41	150	18	Horizontal
2	11000.0	49.31	-4.28	74.00	24.69	150	137	Horizontal
3	11000.0	38.32	-4.28	54.00	15.68	150	194	Horizontal
4	16500.0	51.44	-3.62	74.00	22.56	150	254	Horizontal
5	16500.0	40.62	-3.62	54.00	13.38	150	254	Horizontal
6	17514.3	58.60	0.53	74.00	15.40	150	311	Horizontal
7	17542.3	46.59	0.89	54.00	7.41	150	46	Horizontal

4.2.1.20 11A20_116 ANT 1_ Horizontal



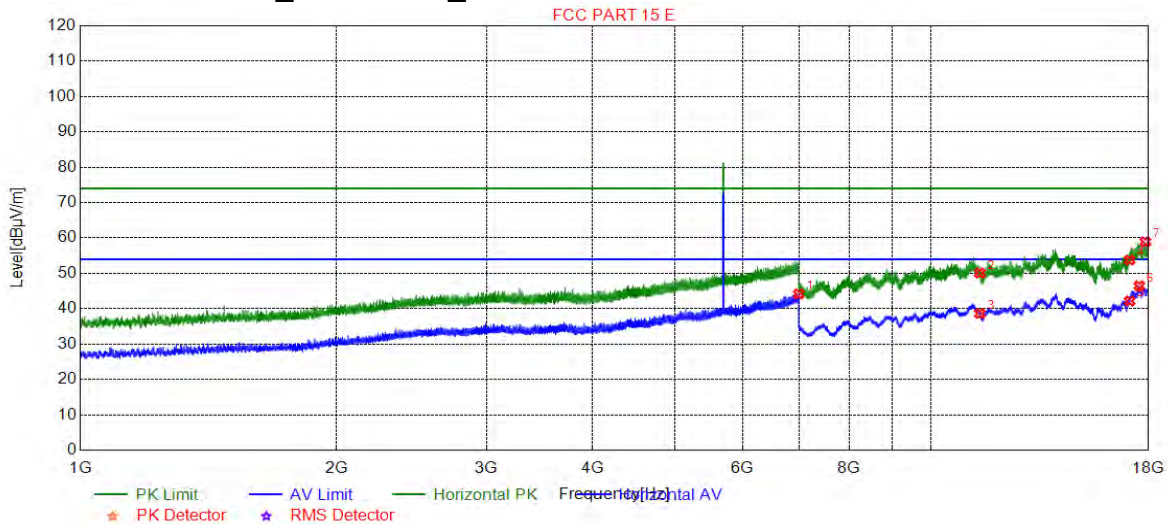
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.29	43.35	12.37	54.00	10.65	150	356	Horizontal
2	11160.0	51.72	-3.43	74.00	22.28	150	344	Horizontal
3	11160.0	40.18	-3.43	54.00	13.82	150	200	Horizontal
4	16740.0	51.50	-3.33	74.00	22.50	150	49	Horizontal
5	16740.0	39.79	-3.33	54.00	14.21	150	200	Horizontal
6	17526.4	46.08	0.69	54.00	7.92	150	286	Horizontal
7	17566.0	59.01	1.20	74.00	14.99	150	200	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

4.2.1.21 11A20_140 ANT 1_ Horizontal

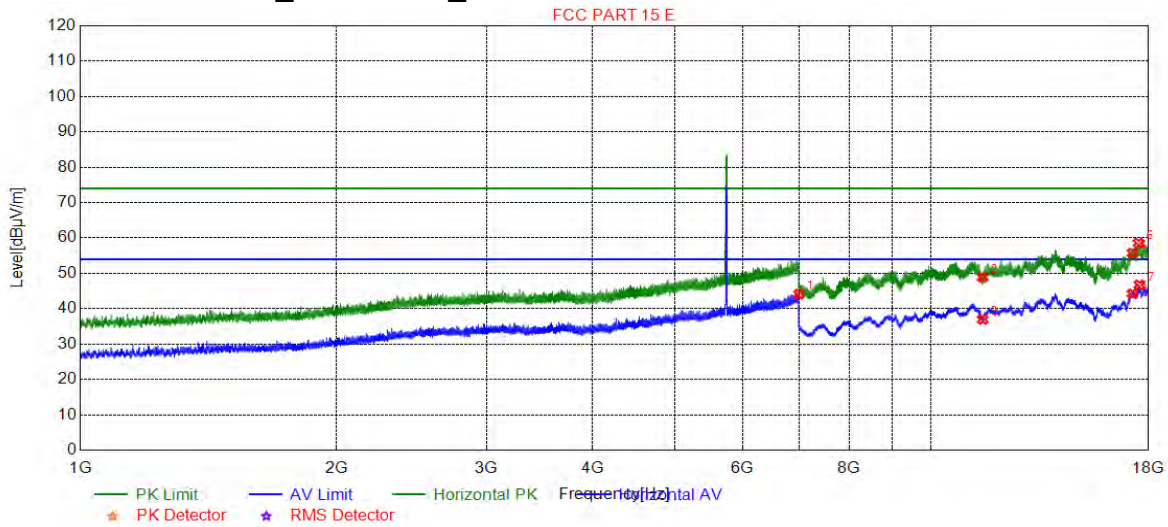


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.19	44.19	12.72	54.00	9.81	150	216	Horizontal
2	11400.0	50.08	-4.42	74.00	23.92	150	160	Horizontal
3	11400.0	38.64	-4.42	54.00	15.36	150	332	Horizontal
4	17100.0	53.78	-3.09	74.00	20.22	150	358	Horizontal
5	17100.0	42.16	-3.09	54.00	11.84	150	358	Horizontal
6	17550.6	46.46	1.00	54.00	7.54	150	217	Horizontal
7	17845.4	58.91	-0.92	74.00	15.09	150	75	Horizontal



4.2.1.22 11A20_149 ANT 1_ Horizontal

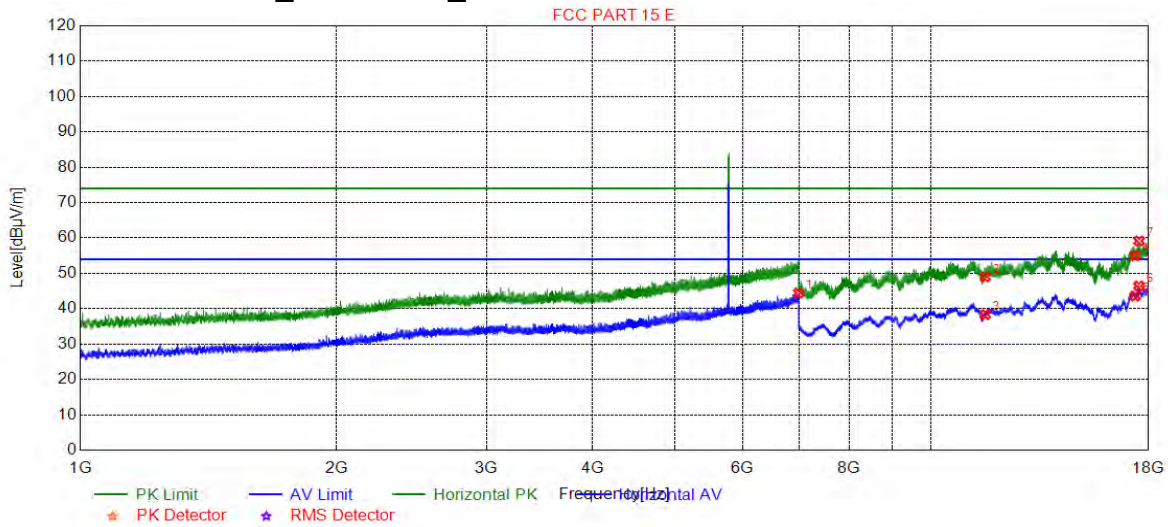


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.69	44.10	12.74	54.00	9.90	150	75	Horizontal
2	11490.0	48.93	-5.65	74.00	25.07	150	46	Horizontal
3	11490.0	36.99	-5.65	54.00	17.01	150	18	Horizontal
4	17235.0	55.72	-1.47	74.00	18.28	150	217	Horizontal
5	17235.0	44.24	-1.47	54.00	9.76	150	246	Horizontal
6	17514.8	58.56	0.54	74.00	15.44	150	217	Horizontal
7	17555.0	46.75	1.05	54.00	7.25	150	75	Horizontal

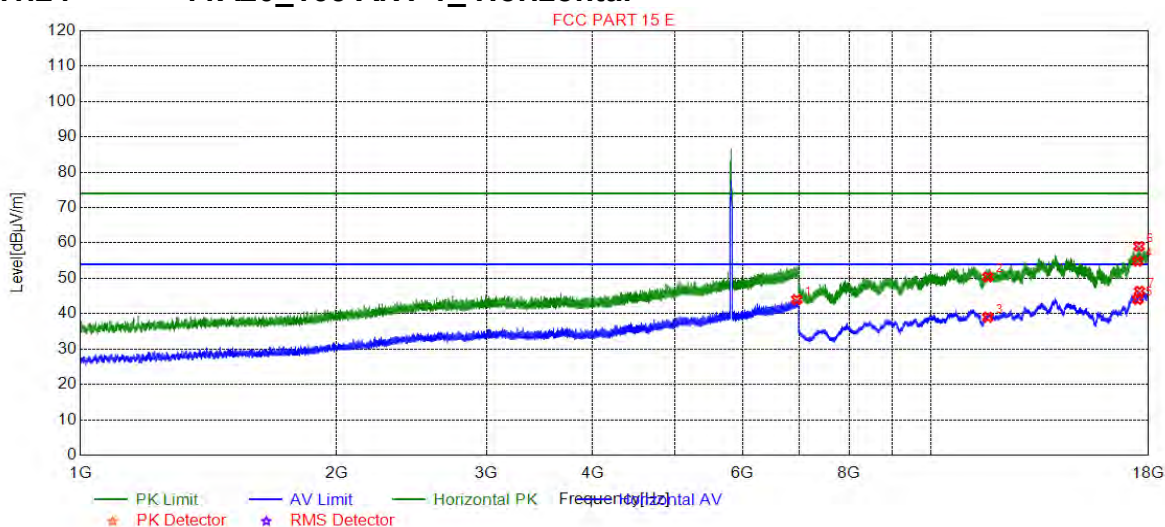


4.2.1.23 11A20_157 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.89	44.42	12.71	54.00	9.58	150	357	Horizontal
2	11570.0	48.97	-3.87	74.00	25.03	150	273	Horizontal
3	11570.0	38.35	-3.87	54.00	15.65	150	46	Horizontal
4	17355.0	55.03	-1.07	74.00	18.97	150	216	Horizontal
5	17355.0	43.56	-1.07	54.00	10.44	150	329	Horizontal
6	17532.4	46.43	0.77	54.00	7.57	150	18	Horizontal
7	17543.4	59.17	0.91	74.00	14.83	150	329	Horizontal

4.2.1.24 11A20_165 ANT 1_ Horizontal



Suspected List

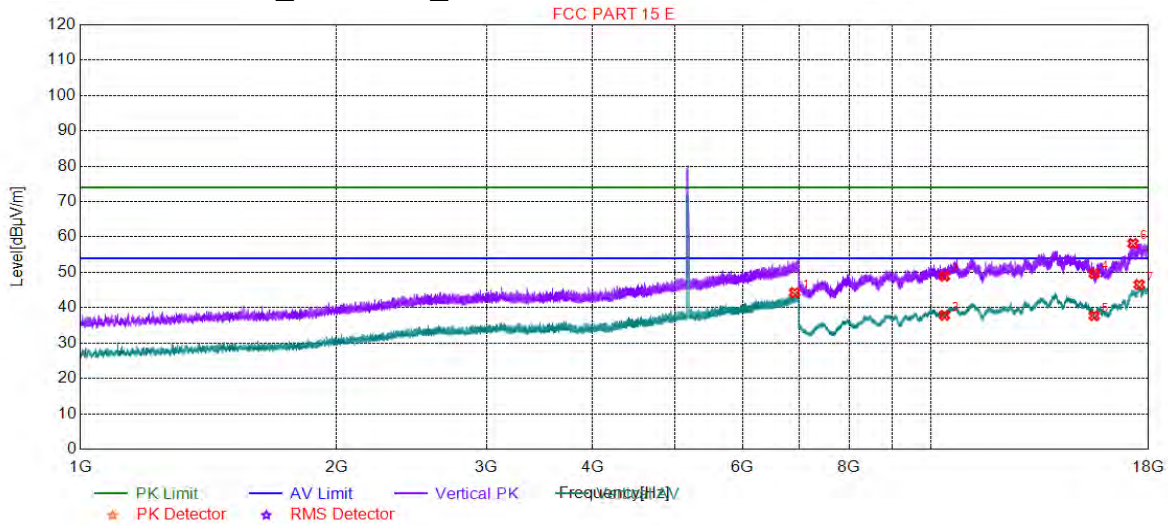
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.39	44.00	12.57	54.00	10.00	150	187	Horizontal
2	11650.0	50.41	-3.16	74.00	23.59	150	188	Horizontal
3	11650.0	39.03	-3.16	54.00	14.97	150	160	Horizontal
4	17475.0	54.83	0.02	74.00	19.17	150	188	Horizontal
5	17475.0	44.02	0.02	54.00	9.98	150	216	Horizontal
6	17538.5	59.06	0.84	74.00	14.94	150	244	Horizontal
7	17561.0	46.39	1.13	54.00	7.61	150	47	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-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
 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

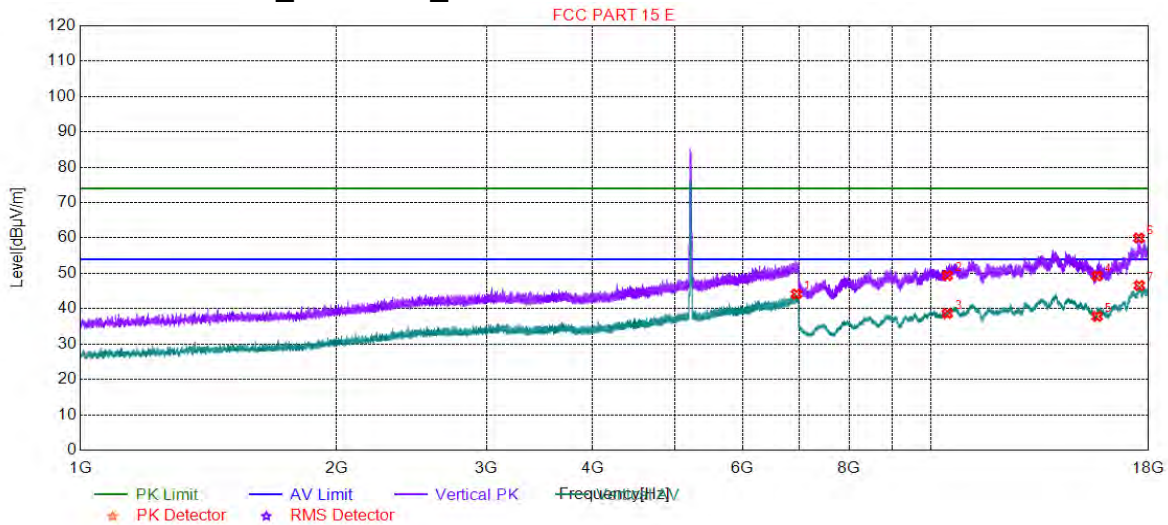
4.2.1.25 11N20_36 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.29	44.28	12.43	54.00	9.72	150	257	Vertical
2	10360.0	48.90	-5.35	74.00	25.10	150	342	Vertical
3	10360.0	37.86	-5.35	54.00	16.14	150	257	Vertical
4	15540.0	49.63	-3.26	74.00	24.37	150	173	Vertical
5	15540.0	37.75	-3.26	54.00	16.25	150	144	Vertical
6	17257.4	58.18	-1.37	74.00	15.82	150	314	Vertical
7	17544.5	46.53	0.92	54.00	7.47	150	116	Vertical

4.2.1.26 11N20_44 ANT 1_Vertical

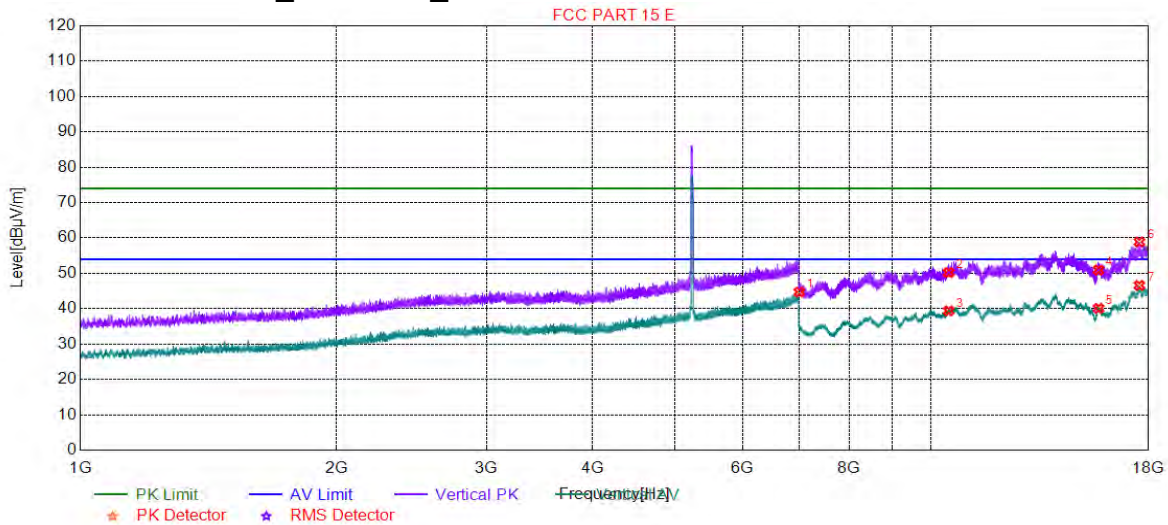


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6941.79	44.16	12.55	54.00	9.84	150	313	Vertical
2	10440.0	49.38	-4.92	74.00	24.62	150	257	Vertical
3	10440.0	38.64	-4.92	54.00	15.36	150	4	Vertical
4	15660.0	49.24	-3.54	74.00	24.76	150	30	Vertical
5	15660.0	37.83	-3.54	54.00	16.17	150	144	Vertical
6	17530.8	59.97	0.74	74.00	14.03	150	30	Vertical
7	17551.1	46.57	1.01	54.00	7.43	150	285	Vertical

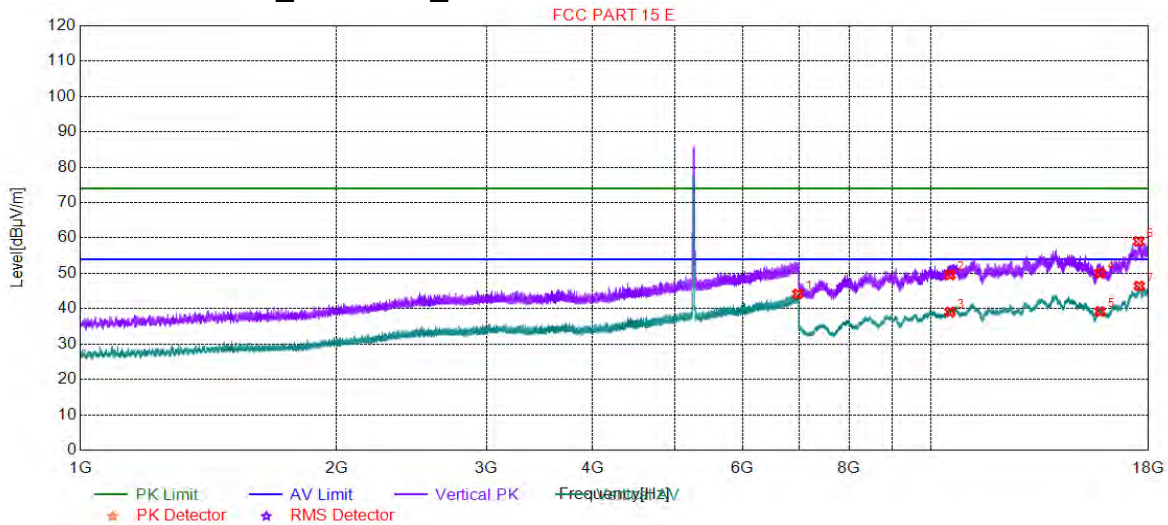


4.2.1.27 11N20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6995.49	44.69	12.75	54.00	9.31	150	314	Vertical
2	10480.0	50.20	-4.49	74.00	23.80	150	144	Vertical
3	10480.0	39.39	-4.49	54.00	14.61	150	59	Vertical
4	15720.0	50.95	-2.65	74.00	23.05	150	342	Vertical
5	15720.0	40.09	-2.65	54.00	13.91	150	59	Vertical
6	17553.9	58.88	1.04	74.00	15.12	150	229	Vertical
7	17556.1	46.59	1.07	54.00	7.41	150	31	Vertical

4.2.1.28 11N20_52 ANT 1_Vertical

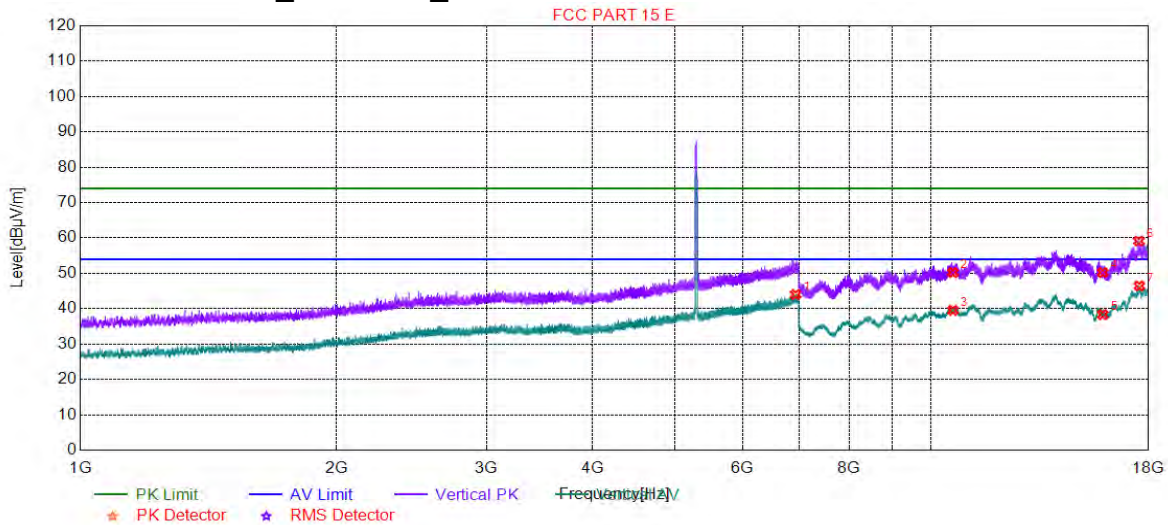


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.69	44.18	12.65	54.00	9.82	150	342	Vertical
2	10520.0	49.58	-4.37	74.00	24.42	150	88	Vertical
3	10520.0	39.08	-4.37	54.00	14.92	150	88	Vertical
4	15780.0	50.06	-2.36	74.00	23.94	150	342	Vertical
5	15780.0	39.20	-2.36	54.00	14.80	150	342	Vertical
6	17520.3	59.03	0.61	74.00	14.97	150	59	Vertical
7	17549.5	46.42	0.98	54.00	7.58	150	31	Vertical



4.2.1.29 11N20_60 ANT 1_Vertical

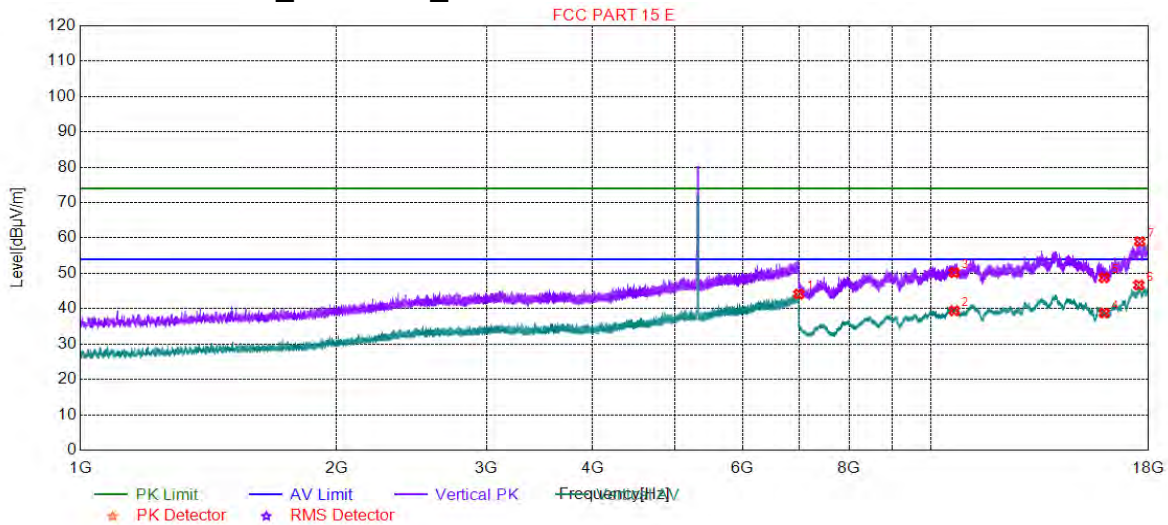


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6927.09	44.01	12.50	54.00	9.99	150	59	Vertical
2	10600.0	50.22	-4.75	74.00	23.78	150	172	Vertical
3	10600.0	39.54	-4.75	54.00	14.46	150	30	Vertical
4	15900.0	50.22	-3.75	74.00	23.78	150	256	Vertical
5	15900.0	38.35	-3.75	54.00	15.65	150	30	Vertical
6	17529.7	59.13	0.73	74.00	14.87	150	285	Vertical
7	17552.2	46.45	1.02	54.00	7.55	150	285	Vertical



4.2.1.30 11N20_64 ANT 1_Vertical

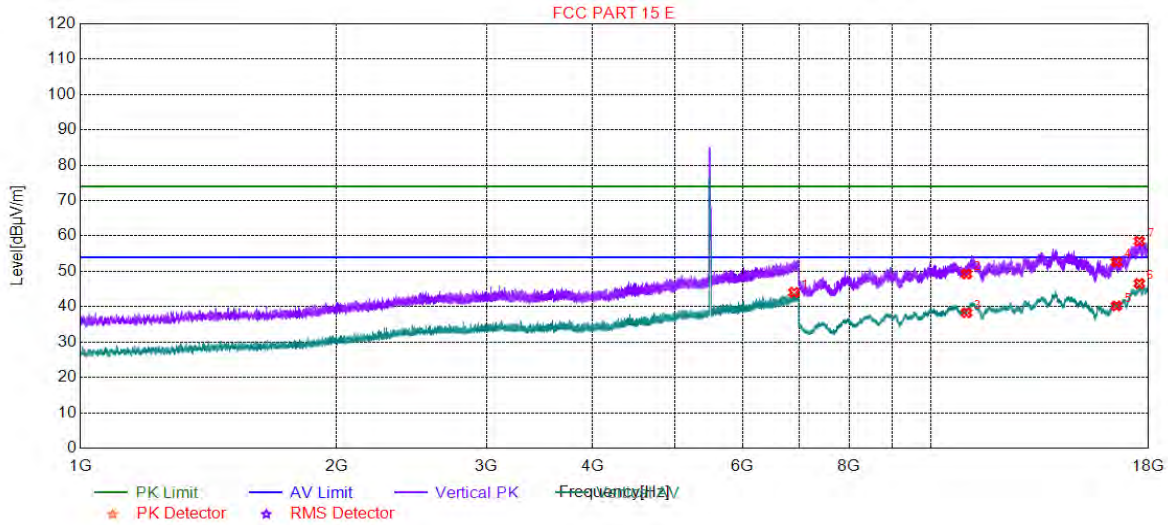


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.19	44.13	12.72	54.00	9.87	150	87	Vertical
2	10640.0	39.43	-4.69	54.00	14.57	150	257	Vertical
3	10640.0	50.19	-4.69	74.00	23.81	150	172	Vertical
4	15960.0	38.78	-3.70	54.00	15.22	150	286	Vertical
5	15960.0	48.76	-3.70	74.00	25.24	150	257	Vertical
6	17529.1	46.69	0.72	54.00	7.31	150	286	Vertical
7	17573.7	58.98	1.29	74.00	15.02	150	116	Vertical



4.2.1.31 11N20_100 ANT 1_Vertical

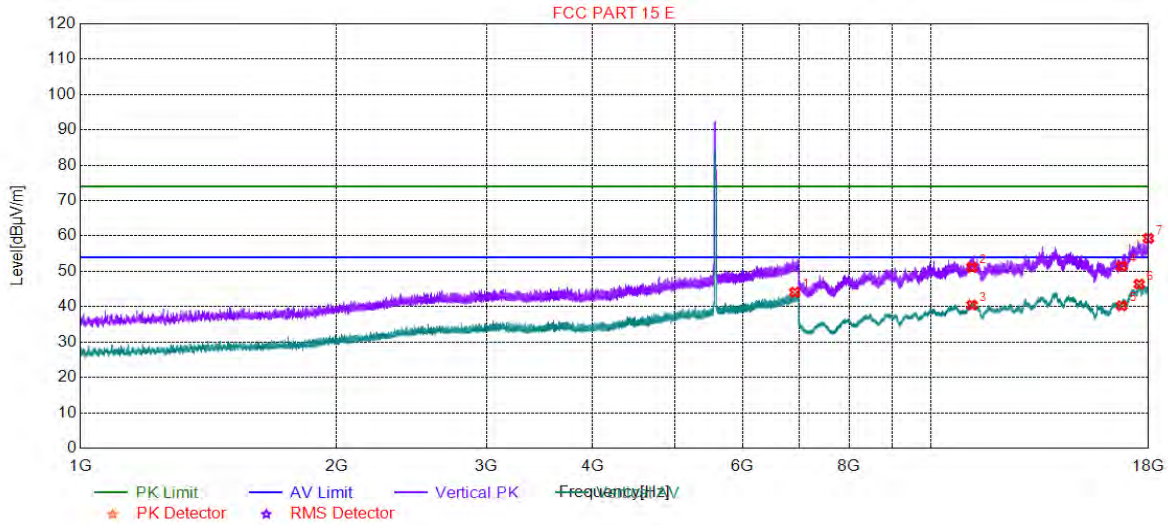


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.49	44.04	12.39	54.00	9.96	150	200	Vertical
2	11000.0	49.25	-4.28	74.00	24.75	150	342	Vertical
3	11000.0	38.29	-4.28	54.00	15.71	150	144	Vertical
4	16500.0	52.64	-3.62	74.00	21.36	150	342	Vertical
5	16500.0	40.22	-3.62	54.00	13.78	150	144	Vertical
6	17552.2	46.56	1.02	54.00	7.44	150	144	Vertical
7	17556.1	58.53	1.07	74.00	15.47	150	116	Vertical

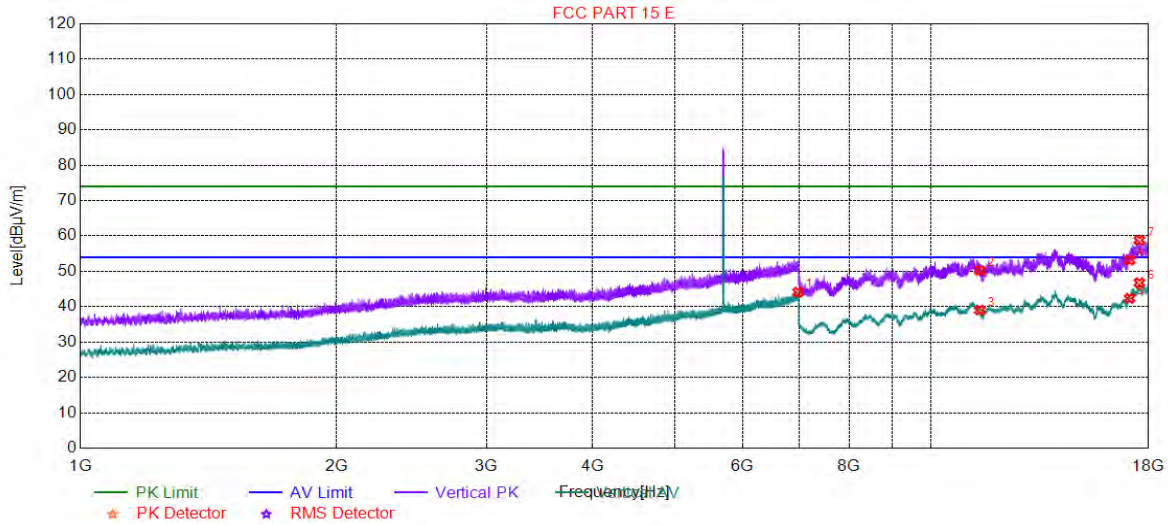


4.2.1.32 11N20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.09	44.08	12.43	54.00	9.92	150	82	Vertical
2	11160.0	51.13	-3.43	74.00	22.87	150	314	Vertical
3	11160.0	40.48	-3.43	54.00	13.52	150	116	Vertical
4	16740.0	51.46	-3.33	74.00	22.54	150	4	Vertical
5	16740.0	40.25	-3.33	54.00	13.75	150	144	Vertical
6	17546.2	46.37	0.94	54.00	7.63	150	144	Vertical
7	17989.5	59.33	-0.43	74.00	14.67	150	59	Vertical

4.2.1.33 11N20_140 ANT 1_Vertical

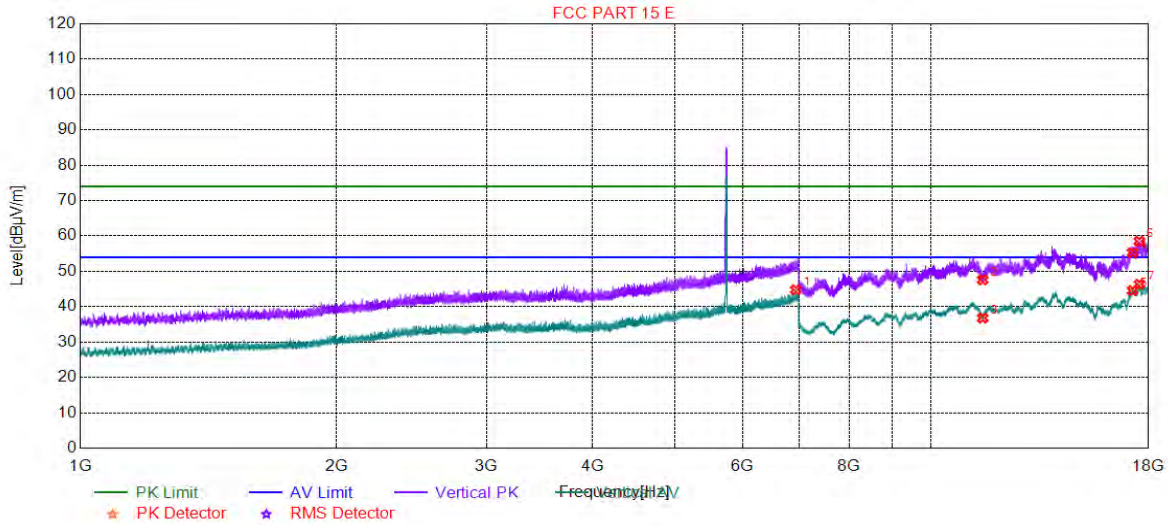


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.59	44.10	12.67	54.00	9.90	150	87	Vertical
2	11400.0	50.22	-4.42	74.00	23.78	150	116	Vertical
3	11400.0	39.04	-4.42	54.00	14.96	150	342	Vertical
4	17100.0	53.18	-3.09	74.00	20.82	150	229	Vertical
5	17100.0	42.35	-3.09	54.00	11.65	150	229	Vertical
6	17553.3	46.76	1.03	54.00	7.24	150	4	Vertical
7	17553.9	58.79	1.04	74.00	15.21	150	314	Vertical



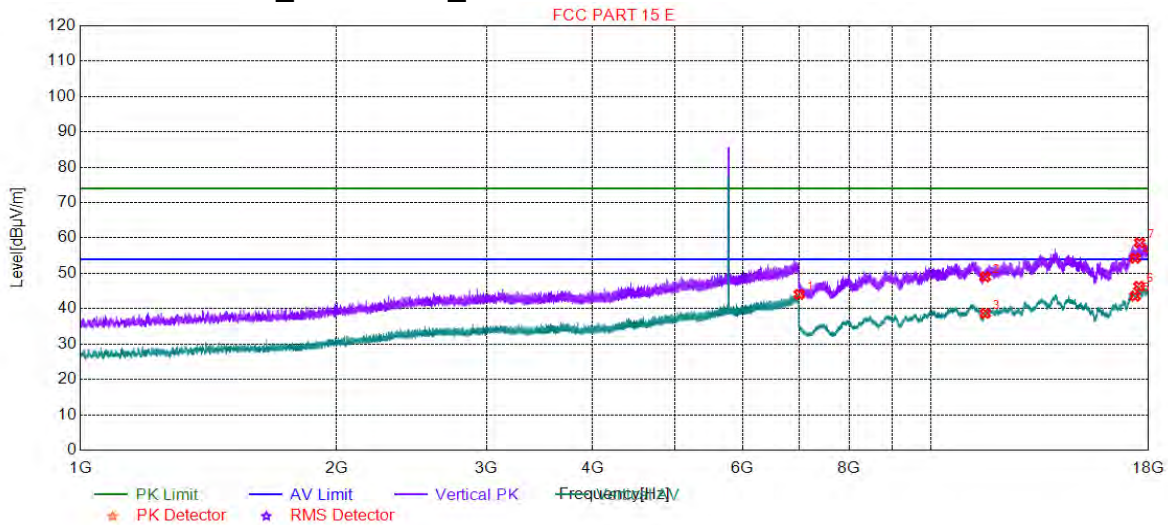
4.2.1.34 11N20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.89	44.78	12.51	54.00	9.22	150	342	Vertical
2	11490.0	47.61	-5.65	74.00	26.39	150	172	Vertical
3	11490.0	36.79	-5.65	54.00	17.21	150	229	Vertical
4	17235.0	55.27	-1.47	74.00	18.73	150	172	Vertical
5	17235.0	44.55	-1.47	54.00	9.45	150	31	Vertical
6	17551.7	58.51	1.01	74.00	15.49	150	87	Vertical
7	17556.1	46.38	1.07	54.00	7.62	150	115	Vertical



4.2.1.35 11N20_157 ANT 1_Vertical

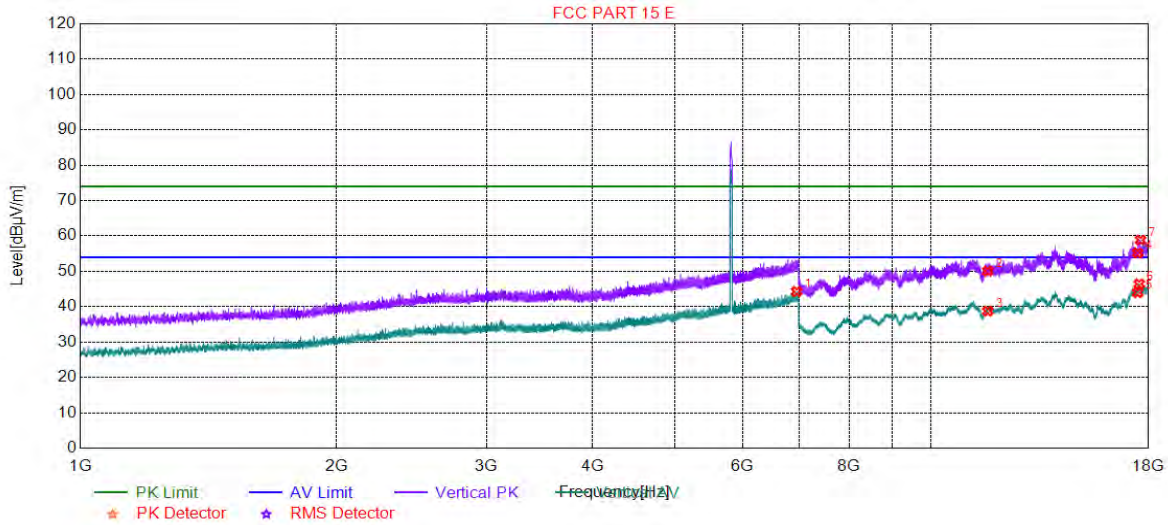


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6994.89	44.06	12.75	54.00	9.94	150	87	Vertical
2	11570.0	48.99	-3.87	74.00	25.01	150	342	Vertical
3	11570.0	38.66	-3.87	54.00	15.34	150	342	Vertical
4	17355.0	54.29	-1.07	74.00	19.71	150	144	Vertical
5	17355.0	43.53	-1.07	54.00	10.47	150	342	Vertical
6	17535.2	46.33	0.80	54.00	7.67	150	172	Vertical
7	17562.1	58.65	1.15	74.00	15.35	150	60	Vertical



4.2.1.36 11N20_165 ANT 1_Vertical

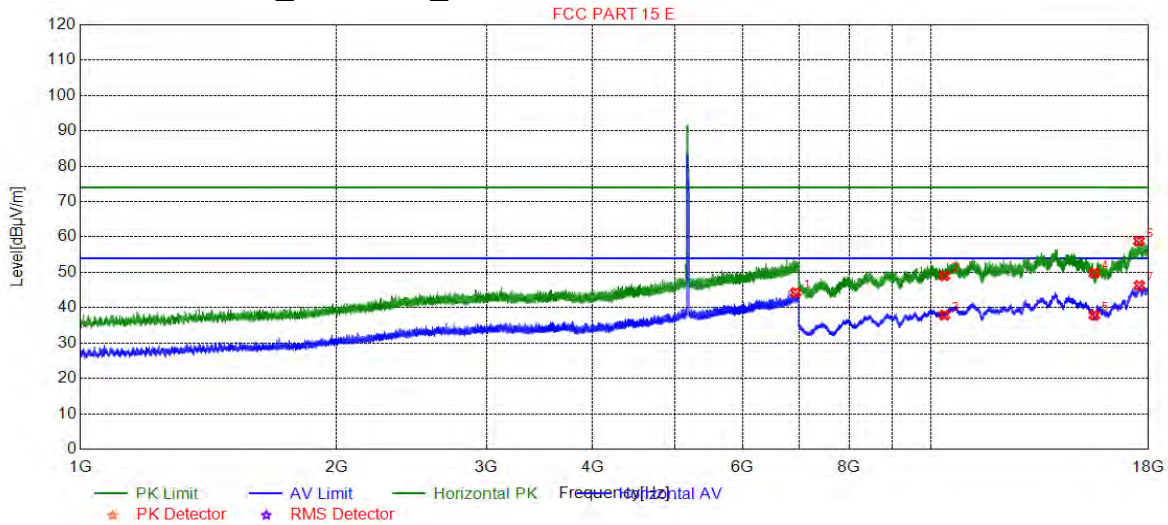


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.69	44.30	12.57	54.00	9.70	150	342	Vertical
2	11650.0	50.06	-3.16	74.00	23.94	150	200	Vertical
3	11650.0	38.76	-3.16	54.00	15.24	150	4	Vertical
4	17475.0	55.18	0.02	74.00	18.82	150	342	Vertical
5	17475.0	43.99	0.02	54.00	10.01	150	60	Vertical
6	17548.9	46.46	0.98	54.00	7.54	150	31	Vertical
7	17614.9	58.82	1.24	74.00	15.18	150	342	Vertical



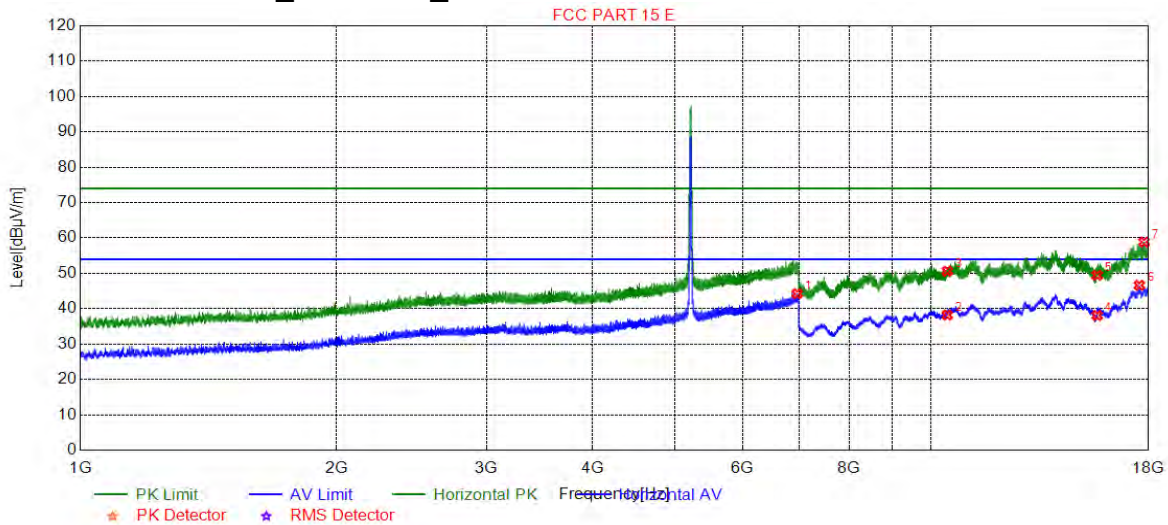
4.2.1.37 11N20_36 ANT 1_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.49	44.28	12.50	54.00	9.72	150	161	Horizontal
2	10360.0	49.02	-5.35	74.00	24.98	150	258	Horizontal
3	10360.0	37.90	-5.35	54.00	16.10	150	291	Horizontal
4	15540.0	49.76	-3.26	74.00	24.24	150	226	Horizontal
5	15540.0	37.92	-3.26	54.00	16.08	150	139	Horizontal
6	17536.3	58.86	0.81	74.00	15.14	150	51	Horizontal
7	17550.6	46.30	1.00	54.00	7.70	150	139	Horizontal

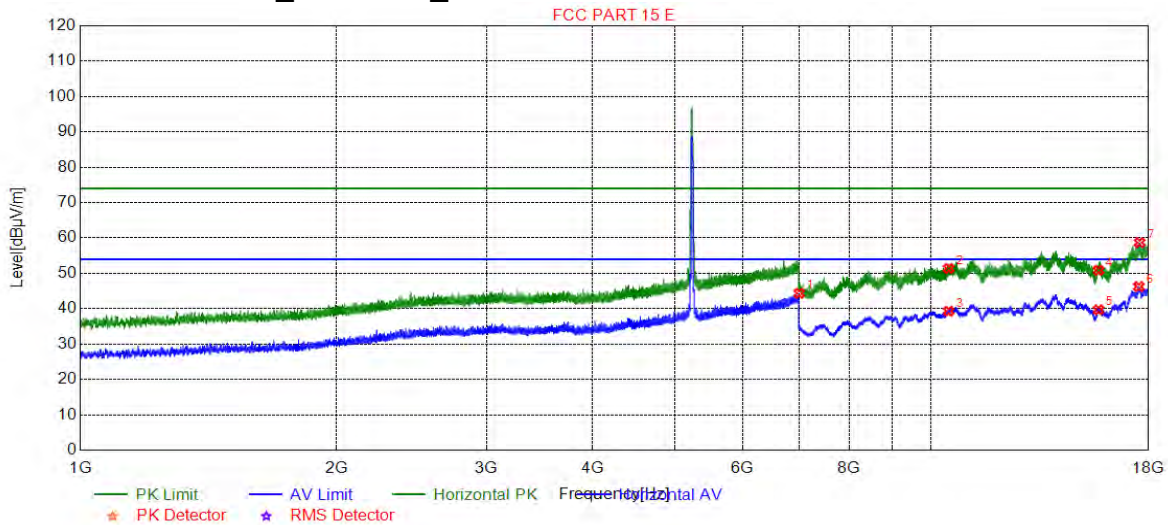
4.2.1.38 11N20_44 ANT 1_ Horizontal



Suspected List

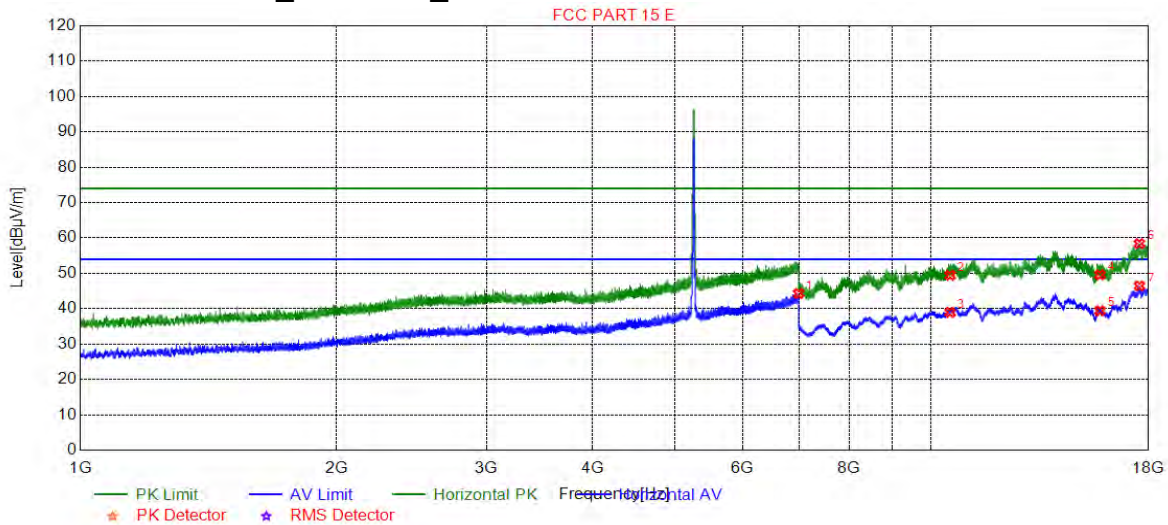
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.69	44.26	12.60	54.00	9.74	150	220	Horizontal
2	10440.0	38.21	-4.92	54.00	15.79	150	332	Horizontal
3	10440.0	50.63	-4.92	74.00	23.37	150	218	Horizontal
4	15660.0	38.06	-3.54	54.00	15.94	150	162	Horizontal
5	15660.0	49.44	-3.54	74.00	24.56	150	77	Horizontal
6	17553.9	46.62	1.04	54.00	7.38	150	303	Horizontal
7	17782.7	58.86	-0.80	74.00	15.14	150	134	Horizontal

4.2.1.39 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	6993.69	44.36	12.75	54.00	9.64	150	46	Horizontal
2	10480.0	51.38	-4.49	74.00	22.62	150	46	Horizontal
3	10480.0	39.29	-4.49	54.00	14.71	150	131	Horizontal
4	15720.0	50.87	-2.65	74.00	23.13	150	18	Horizontal
5	15720.0	39.70	-2.65	54.00	14.30	150	301	Horizontal
6	17529.1	46.24	0.72	54.00	7.76	150	46	Horizontal
7	17568.7	58.69	1.23	74.00	15.31	150	301	Horizontal

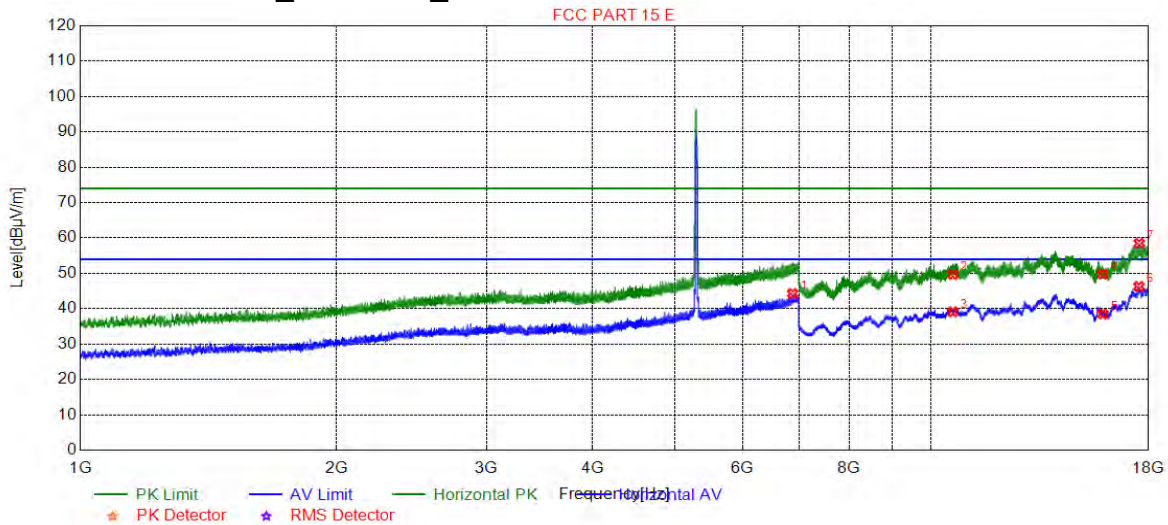
4.2.1.40 11N20_52 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6981.99	44.30	12.70	54.00	9.70	150	245	Horizontal
2	10520.0	49.45	-4.37	74.00	24.55	150	134	Horizontal
3	10520.0	38.96	-4.37	54.00	15.04	150	222	Horizontal
4	15780.0	49.57	-2.36	74.00	24.43	150	134	Horizontal
5	15780.0	39.43	-2.36	54.00	14.57	150	134	Horizontal
6	17554.4	58.40	1.05	74.00	15.60	150	134	Horizontal
7	17556.1	46.46	1.07	54.00	7.54	150	46	Horizontal

4.2.1.41 11N20_60 ANT 1_ Horizontal

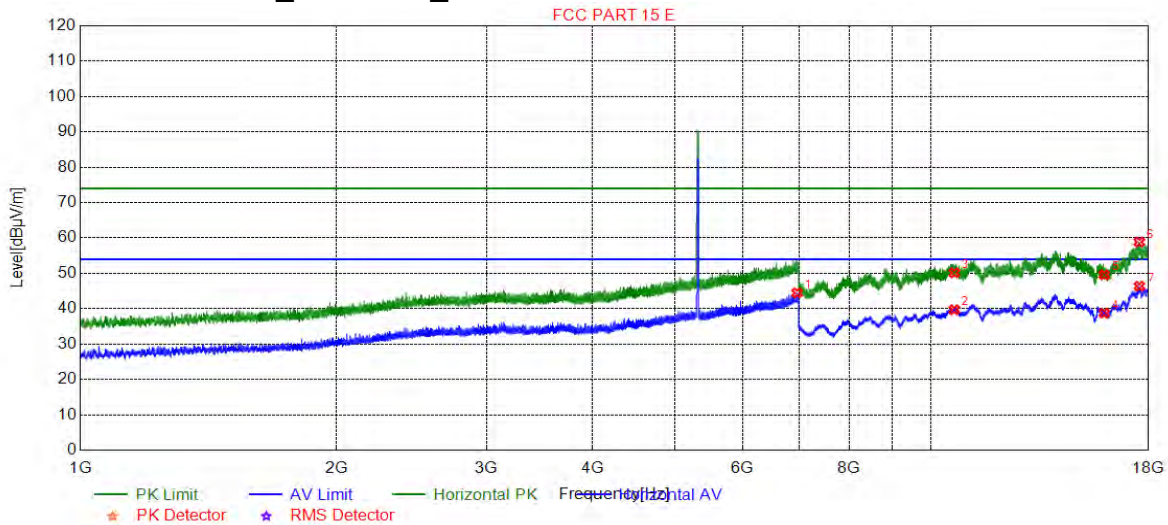


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.09	44.31	12.29	54.00	9.69	150	330	Horizontal
2	10600.0	49.67	-4.75	74.00	24.33	150	216	Horizontal
3	10600.0	39.12	-4.75	54.00	14.88	150	103	Horizontal
4	15900.0	49.81	-3.75	74.00	24.19	150	18	Horizontal
5	15900.0	38.52	-3.75	54.00	15.48	150	103	Horizontal
6	17535.2	46.28	0.80	54.00	7.72	150	301	Horizontal
7	17548.9	58.49	0.98	74.00	15.51	150	329	Horizontal



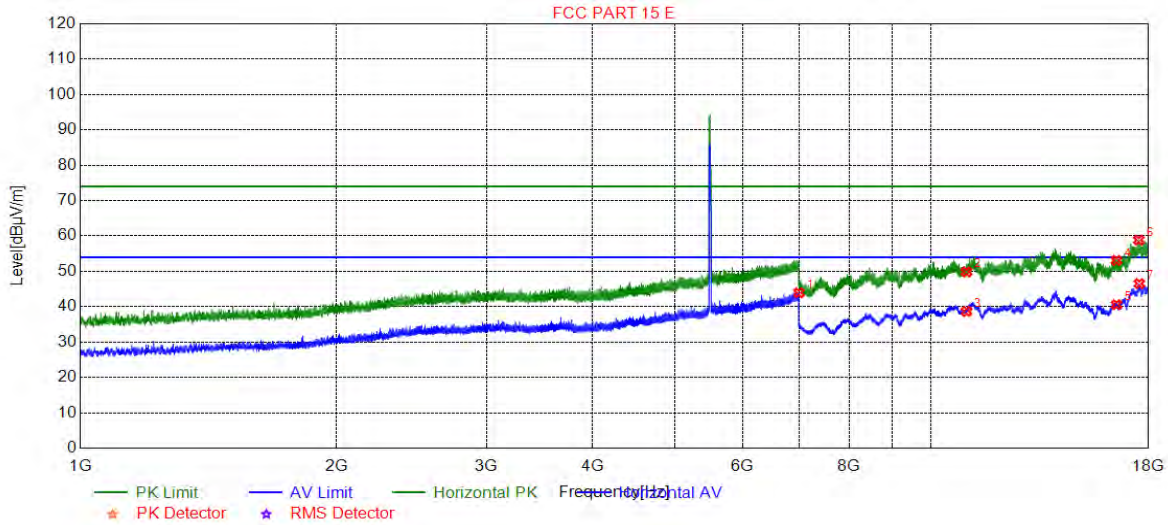
4.2.1.42 11N20_64 ANT 1_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.09	44.49	12.60	54.00	9.51	150	46	Horizontal
2	10640.0	39.71	-4.69	54.00	14.29	150	188	Horizontal
3	10640.0	50.13	-4.69	74.00	23.87	150	245	Horizontal
4	15960.0	38.75	-3.70	54.00	15.25	150	245	Horizontal
5	15960.0	49.57	-3.70	74.00	24.43	150	132	Horizontal
6	17548.9	58.86	0.98	74.00	15.14	150	245	Horizontal
7	17553.9	46.37	1.04	54.00	7.63	150	273	Horizontal

4.2.1.43 11N20_100 ANT 1_ Horizontal

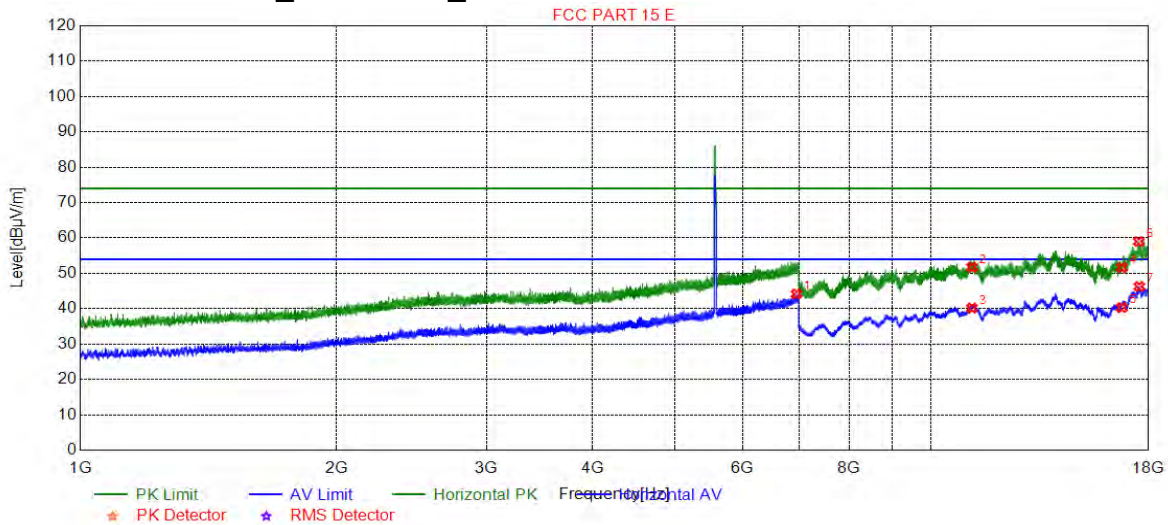


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6987.69	43.94	12.72	54.00	10.06	150	301	Horizontal
2	11000.0	49.85	-4.28	74.00	24.15	150	75	Horizontal
3	11000.0	38.67	-4.28	54.00	15.33	150	245	Horizontal
4	16500.0	53.10	-3.62	74.00	20.90	150	18	Horizontal
5	16500.0	40.58	-3.62	54.00	13.42	150	357	Horizontal
6	17526.9	58.84	0.70	74.00	15.16	150	104	Horizontal
7	17552.8	46.55	1.03	54.00	7.45	150	188	Horizontal



4.2.1.44 11N20_116 ANT 1_ Horizontal

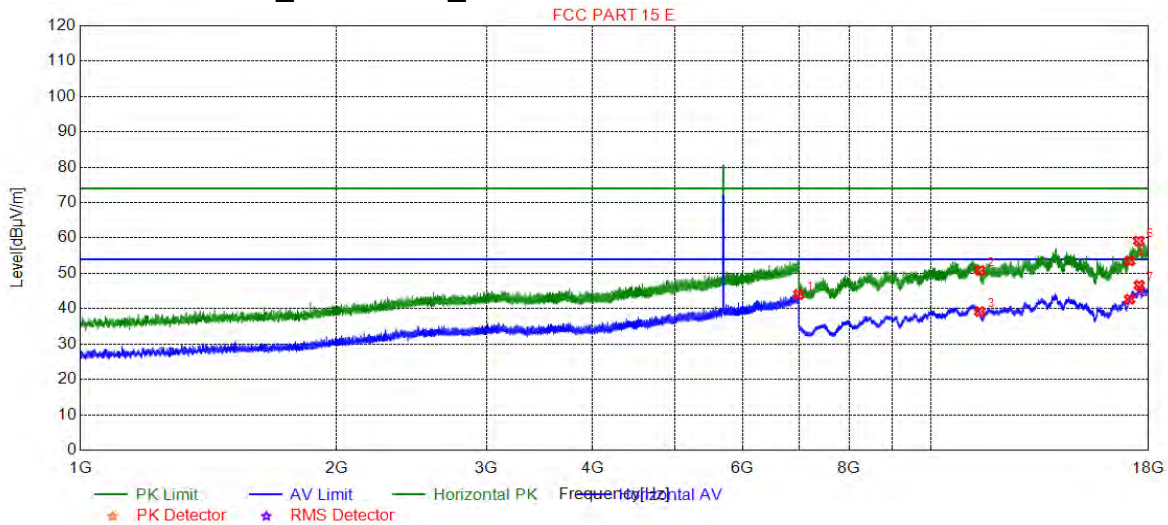


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.99	44.18	12.56	54.00	9.82	150	160	Horizontal
2	11160.0	51.74	-3.43	74.00	22.26	150	137	Horizontal
3	11160.0	40.17	-3.43	54.00	13.83	150	79	Horizontal
4	16740.0	51.66	-3.33	74.00	22.34	150	282	Horizontal
5	16740.0	40.32	-3.33	54.00	13.68	150	282	Horizontal
6	17528.0	58.99	0.71	74.00	15.01	150	254	Horizontal
7	17552.2	46.27	1.02	54.00	7.73	150	282	Horizontal

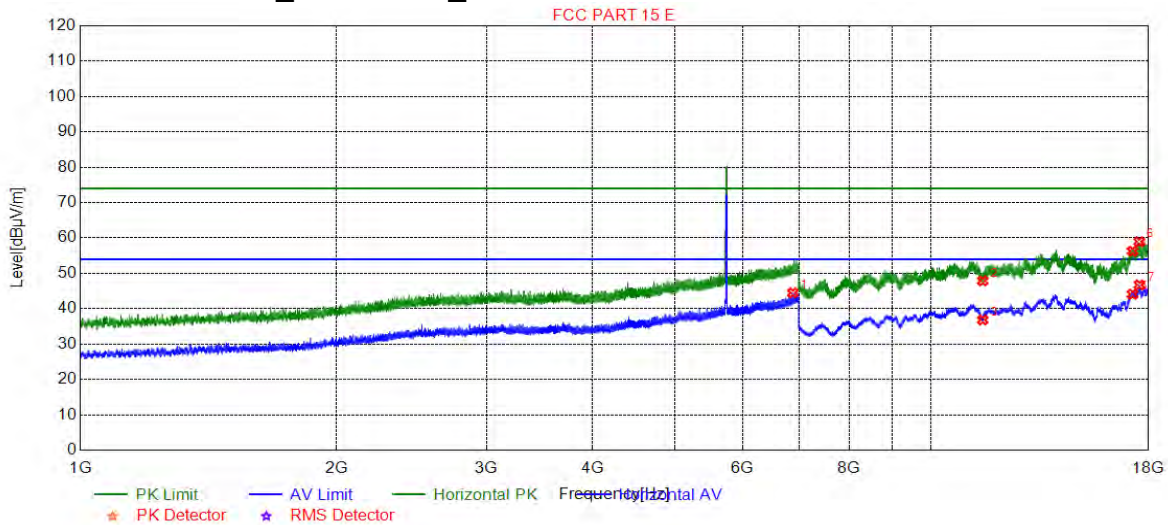


4.2.1.45 11N20_140 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6984.69	44.03	12.71	54.00	9.97	150	273	Horizontal
2	11400.0	50.85	-4.42	74.00	23.15	150	75	Horizontal
3	11400.0	39.17	-4.42	54.00	14.83	150	18	Horizontal
4	17100.0	53.52	-3.09	74.00	20.48	150	216	Horizontal
5	17100.0	42.69	-3.09	54.00	11.31	150	301	Horizontal
6	17529.1	59.14	0.72	74.00	14.86	150	188	Horizontal
7	17549.5	46.62	0.98	54.00	7.38	150	75	Horizontal

4.2.1.46 11N20_149 ANT 1_ Horizontal

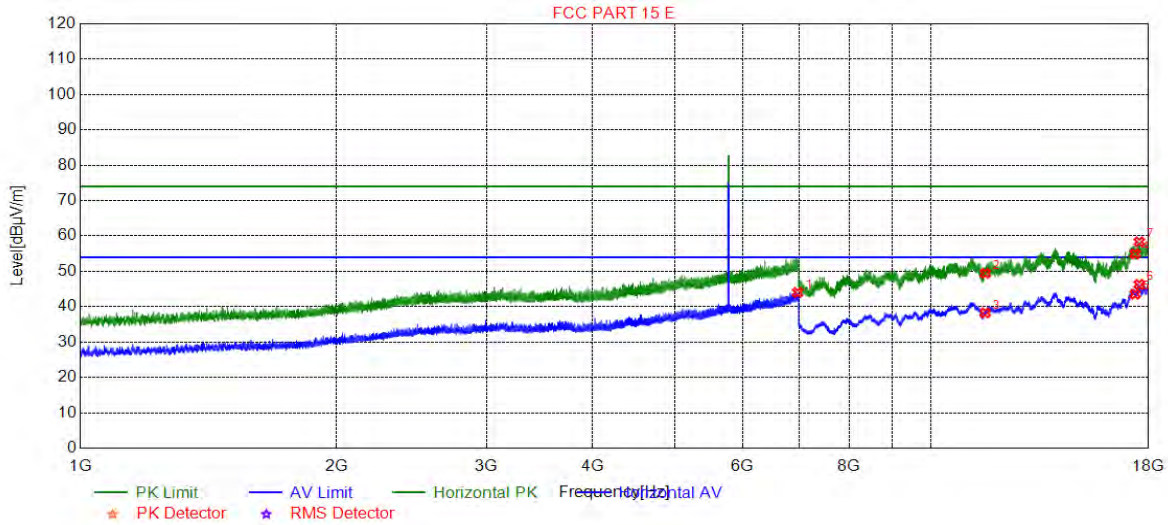


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6874.89	44.50	12.30	54.00	9.50	150	188	Horizontal
2	11490.0	47.87	-5.65	74.00	26.13	150	108	Horizontal
3	11490.0	36.82	-5.65	54.00	17.18	150	137	Horizontal
4	17235.0	56.28	-1.47	74.00	17.72	150	309	Horizontal
5	17235.0	44.09	-1.47	54.00	9.91	150	18	Horizontal
6	17543.4	58.96	0.91	74.00	15.04	150	137	Horizontal
7	17553.9	46.73	1.04	54.00	7.27	150	309	Horizontal



4.2.1.47 11N20_157 ANT 1_ Horizontal

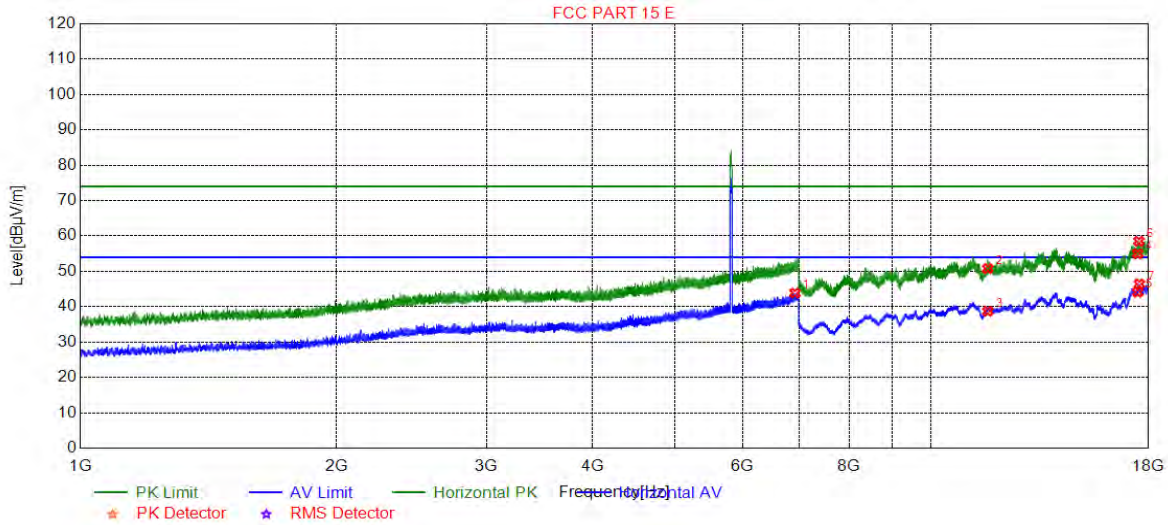


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6964.29	44.01	12.64	54.00	9.99	150	189	Horizontal
2	11570.0	49.45	-3.87	74.00	24.55	150	18	Horizontal
3	11570.0	38.27	-3.87	54.00	15.73	150	18	Horizontal
4	17355.0	54.94	-1.07	74.00	19.06	150	75	Horizontal
5	17355.0	43.55	-1.07	54.00	10.45	150	356	Horizontal
6	17548.4	46.30	0.97	54.00	7.70	150	216	Horizontal
7	17549.5	58.36	0.98	74.00	15.64	150	330	Horizontal

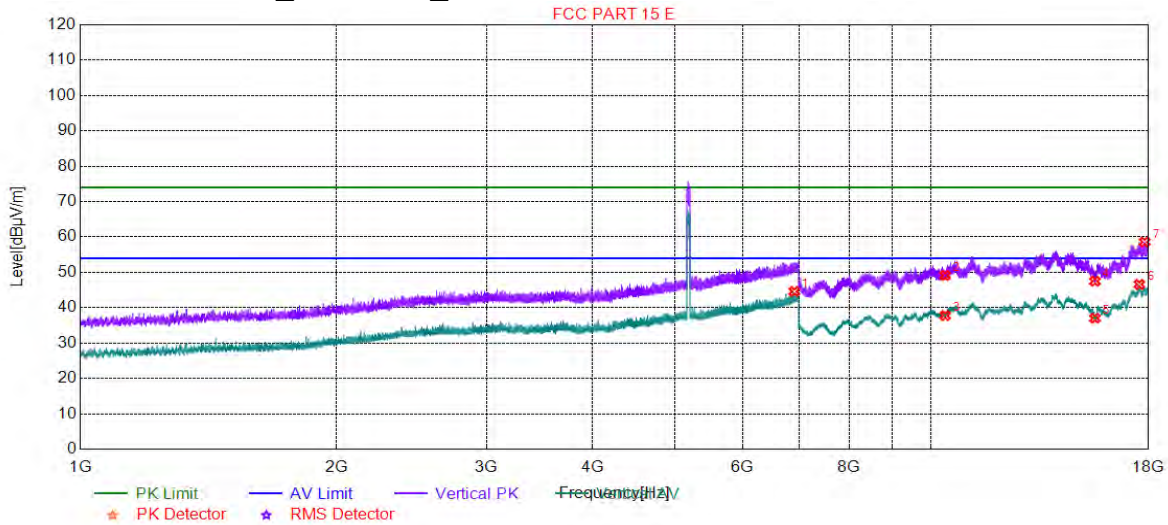


4.2.1.48 11N20_165 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6911.79	43.88	12.44	54.00	10.12	150	188	Horizontal
2	11650.0	50.78	-3.16	74.00	23.22	150	254	Horizontal
3	11650.0	38.71	-3.16	54.00	15.29	150	310	Horizontal
4	17475.0	55.00	0.02	74.00	19.00	150	310	Horizontal
5	17475.0	44.09	0.02	54.00	9.91	150	283	Horizontal
6	17536.3	58.52	0.81	74.00	15.48	150	18	Horizontal
7	17553.3	46.45	1.03	54.00	7.55	150	164	Horizontal

4.2.1.49 11N40_38 ANT 1_Vertical

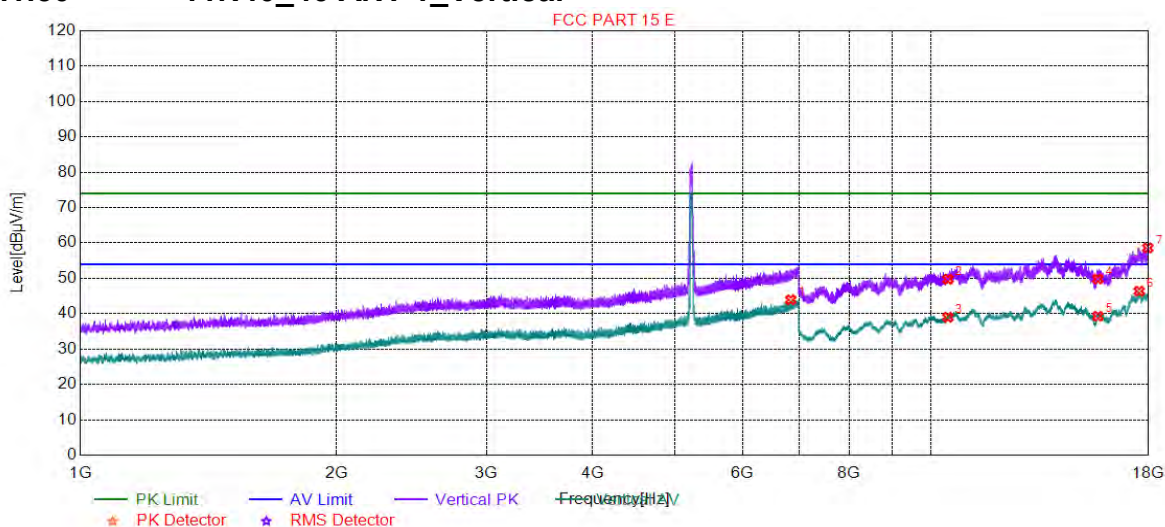


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6901.59	44.59	12.41	54.00	9.41	150	285	Vertical
2	10380.0	49.10	-5.36	74.00	24.90	150	201	Vertical
3	10380.0	37.79	-5.36	54.00	16.21	150	257	Vertical
4	15570.0	47.47	-4.02	74.00	26.53	150	32	Vertical
5	15570.0	37.03	-4.02	54.00	16.97	150	60	Vertical
6	17553.9	46.60	1.04	54.00	7.40	150	257	Vertical
7	17811.8	58.60	-0.81	74.00	15.40	150	342	Vertical



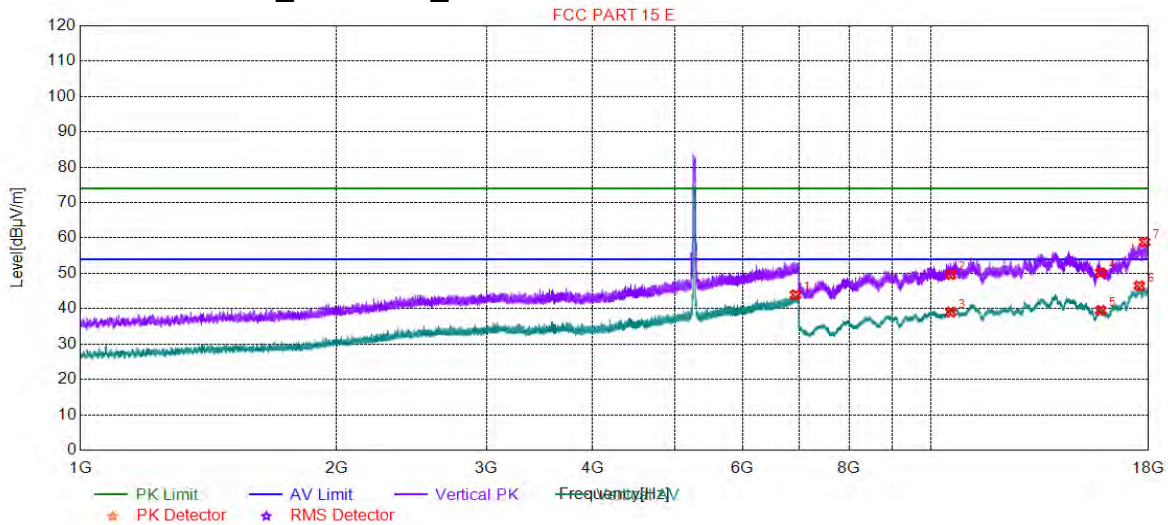
4.2.1.50 11N40_46 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6835.29	43.94	12.15	54.00	10.06	150	4	Vertical
2	10460.0	49.76	-4.70	74.00	24.24	150	59	Vertical
3	10460.0	39.00	-4.70	54.00	15.00	150	284	Vertical
4	15690.0	49.83	-2.93	74.00	24.17	150	284	Vertical
5	15690.0	39.30	-2.93	54.00	14.70	150	4	Vertical
6	17546.7	46.37	0.95	54.00	7.63	150	200	Vertical
7	17958.7	58.61	-0.66	74.00	15.39	150	116	Vertical



4.2.1.51 11N40_54 ANT 1_Vertical

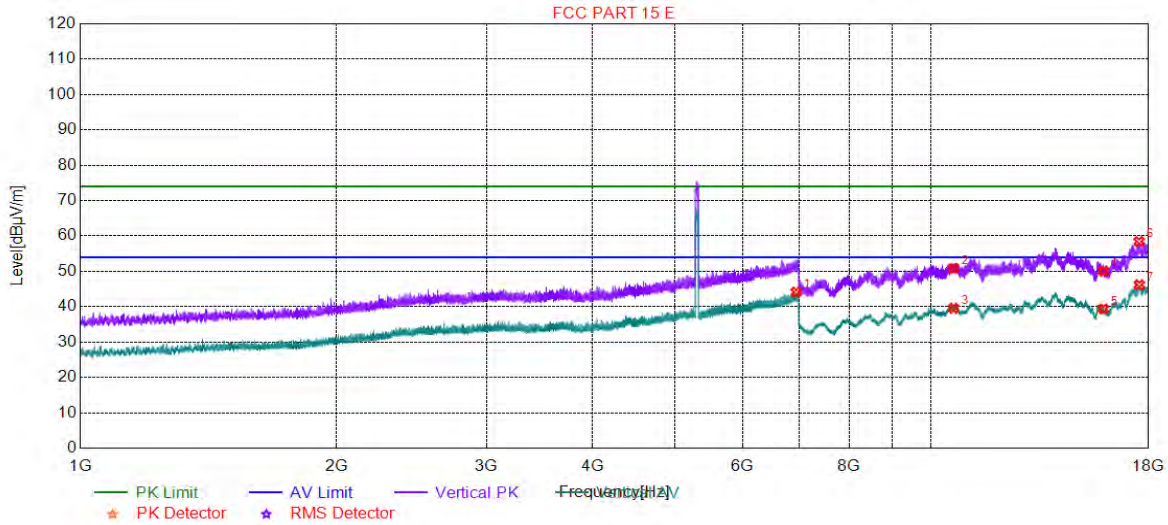


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.19	43.93	12.50	54.00	10.07	150	313	Vertical
2	10540.0	49.63	-4.46	74.00	24.37	150	202	Vertical
3	10540.0	39.04	-4.46	54.00	14.96	150	116	Vertical
4	15810.0	50.22	-2.42	74.00	23.78	150	342	Vertical
5	15810.0	39.53	-2.42	54.00	14.47	150	258	Vertical
6	17553.3	46.49	1.03	54.00	7.51	150	342	Vertical
7	17812.4	58.84	-0.81	74.00	15.16	150	314	Vertical



4.2.1.52 11N40_62 ANT 1_Vertical

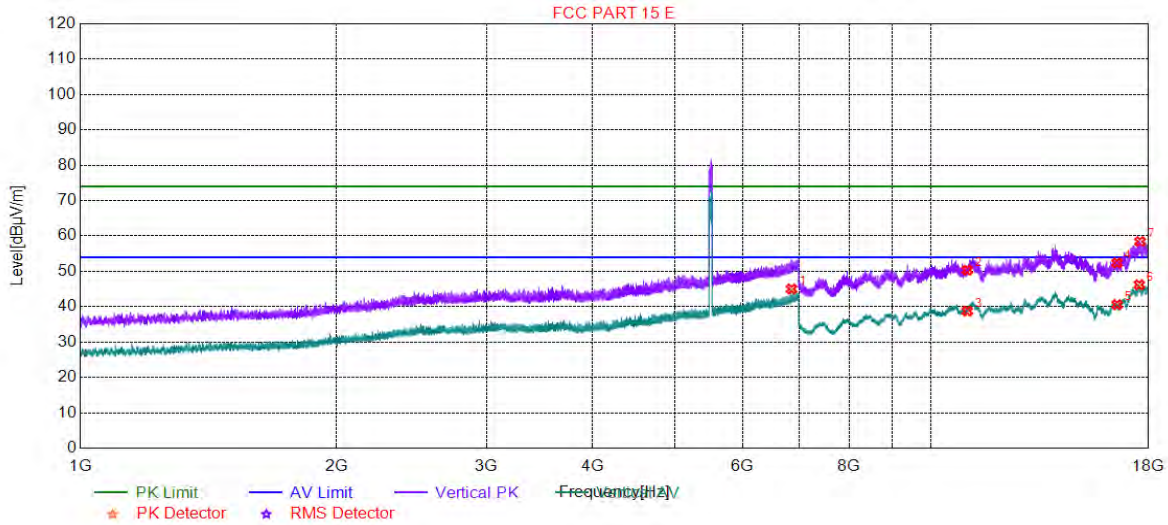


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.29	44.13	12.54	54.00	9.87	150	200	Vertical
2	10620.0	50.86	-4.72	74.00	23.14	150	314	Vertical
3	10620.0	39.56	-4.72	54.00	14.44	150	60	Vertical
4	15930.0	50.12	-3.73	74.00	23.88	150	257	Vertical
5	15930.0	39.38	-3.73	54.00	14.62	150	116	Vertical
6	17541.2	58.43	0.88	74.00	15.57	150	229	Vertical
7	17551.7	46.19	1.01	54.00	7.81	150	32	Vertical



4.2.1.53 11N40_102 ANT 1_Vertical

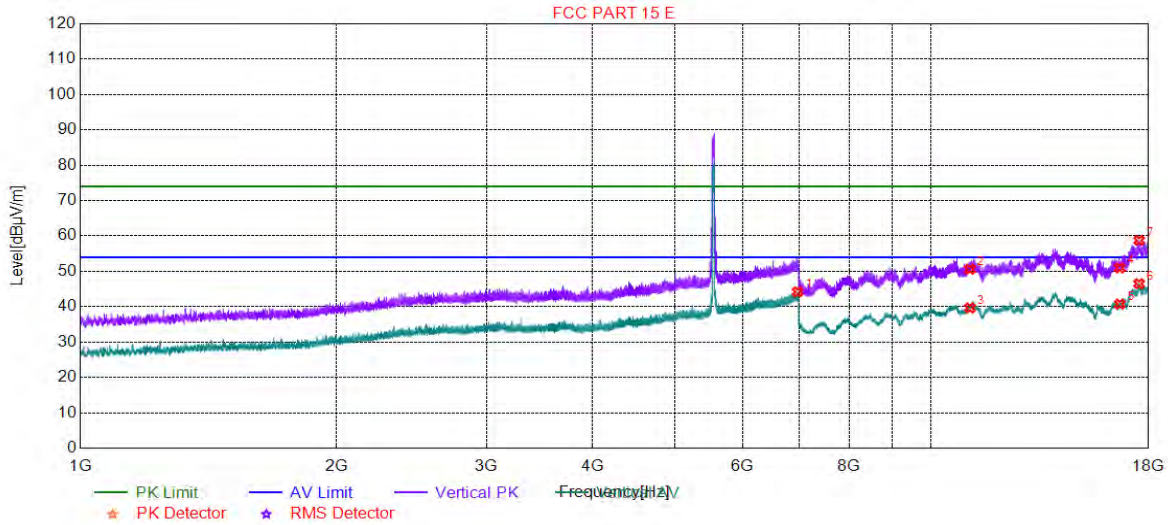


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6849.69	45.01	12.21	54.00	8.99	150	228	Vertical
2	11020.0	50.36	-4.09	74.00	23.64	150	172	Vertical
3	11020.0	38.76	-4.09	54.00	15.24	150	200	Vertical
4	16530.0	52.38	-3.84	74.00	21.62	150	4	Vertical
5	16530.0	40.58	-3.84	54.00	13.42	150	4	Vertical
6	17551.1	46.20	1.01	54.00	7.80	150	314	Vertical
7	17588.0	58.42	1.48	74.00	15.58	150	115	Vertical

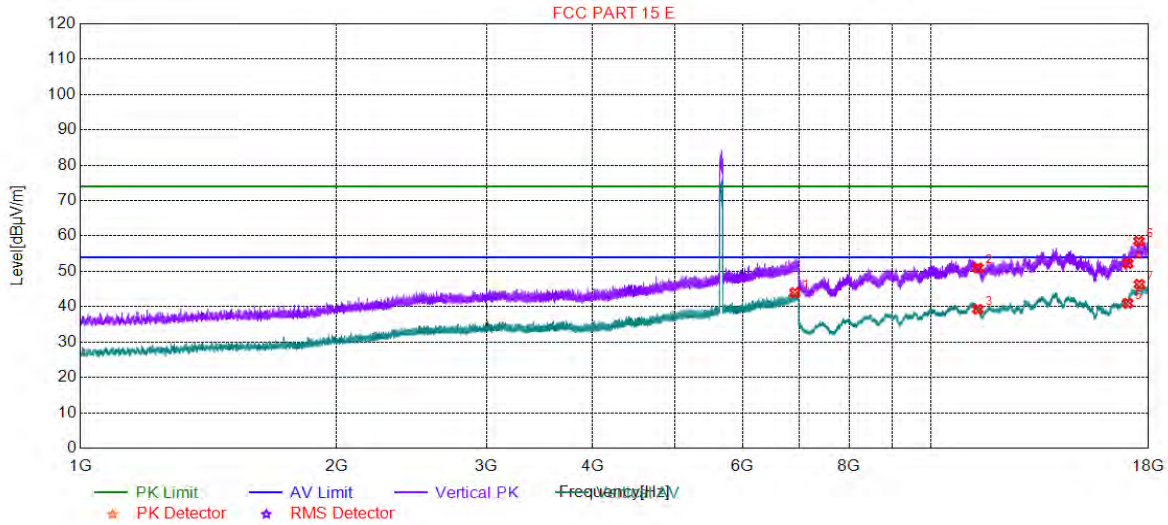


4.2.1.54 11N40_110 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.99	44.23	12.64	54.00	9.77	150	342	Vertical
2	11100.0	50.60	-3.36	74.00	23.40	150	257	Vertical
3	11100.0	39.65	-3.36	54.00	14.35	150	257	Vertical
4	16650.0	50.95	-4.20	74.00	23.05	150	87	Vertical
5	16650.0	40.74	-4.20	54.00	13.26	150	229	Vertical
6	17539.0	46.52	0.85	54.00	7.48	150	313	Vertical
7	17541.2	58.75	0.88	74.00	15.25	150	31	Vertical

4.2.1.55 11N40_134 ANT 1_Vertical

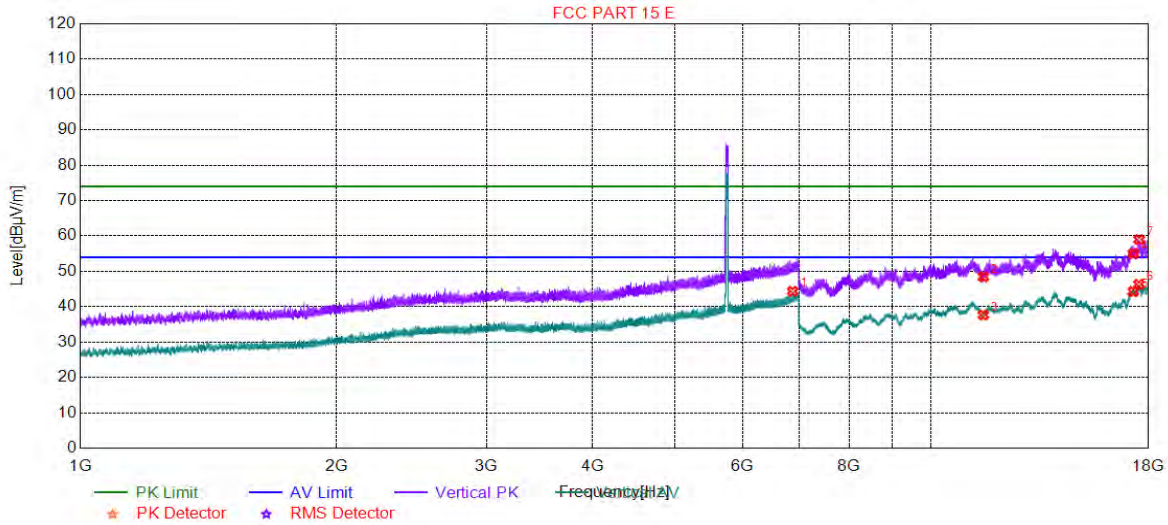


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6911.19	43.98	12.44	54.00	10.02	150	172	Vertical
2	11340.0	50.98	-4.59	74.00	23.02	150	88	Vertical
3	11340.0	39.27	-4.59	54.00	14.73	150	314	Vertical
4	17010.0	52.23	-3.20	74.00	21.77	150	172	Vertical
5	17010.0	40.97	-3.20	54.00	13.03	150	116	Vertical
6	17530.8	58.52	0.74	74.00	15.48	150	229	Vertical
7	17552.8	46.34	1.03	54.00	7.66	150	286	Vertical



4.2.1.56 11N40_151 ANT 1_Vertical

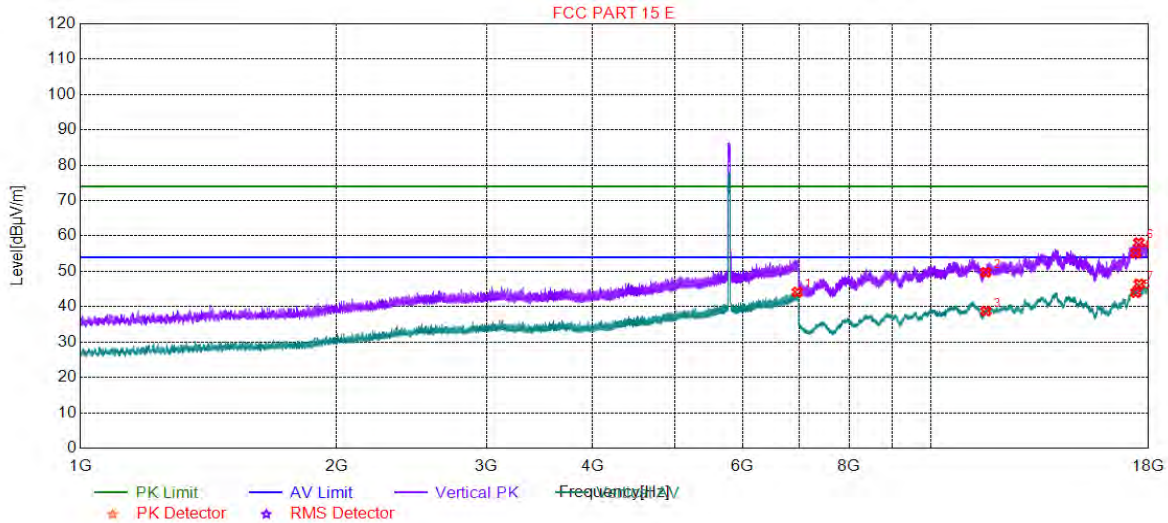


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.09	44.36	12.29	54.00	9.64	150	229	Vertical
2	11510.0	48.44	-5.50	74.00	25.56	150	88	Vertical
3	11510.0	37.66	-5.50	54.00	16.34	150	144	Vertical
4	17265.0	55.01	-1.33	74.00	18.99	150	342	Vertical
5	17265.0	44.26	-1.33	54.00	9.74	150	172	Vertical
6	17531.9	46.30	0.76	54.00	7.70	150	144	Vertical
7	17544.5	58.97	0.92	74.00	15.03	150	342	Vertical



4.2.1.57 11N40_159 ANT 1_Vertical

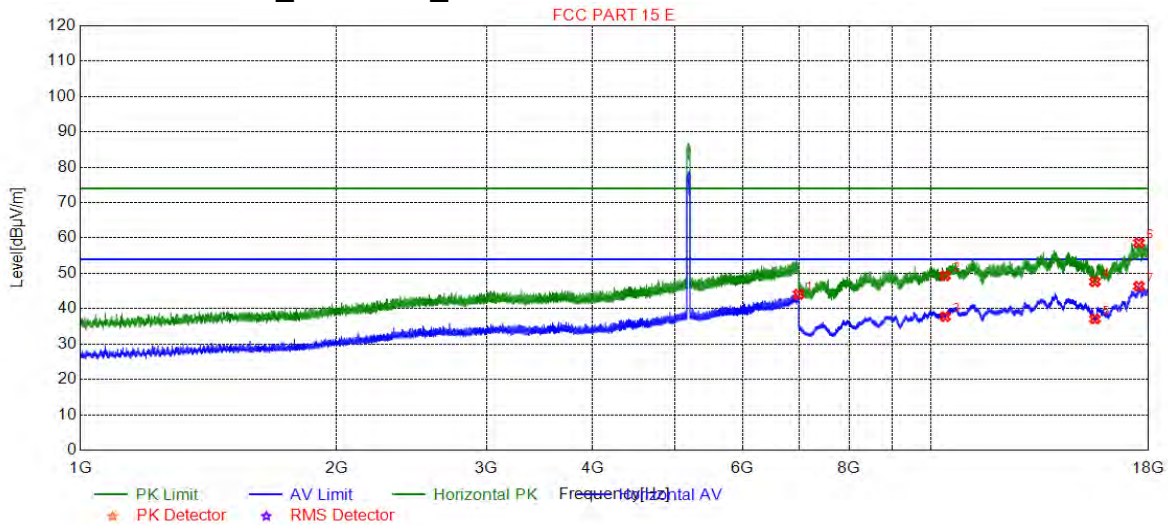


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6958.59	44.12	12.62	54.00	9.88	150	60	Vertical
2	11590.0	49.71	-3.32	74.00	24.29	150	30	Vertical
3	11590.0	38.75	-3.32	54.00	15.25	150	342	Vertical
4	17385.0	55.15	-1.02	74.00	18.85	150	30	Vertical
5	17385.0	43.98	-1.02	54.00	10.02	150	115	Vertical
6	17526.4	58.12	0.69	74.00	15.88	150	115	Vertical
7	17547.8	46.44	0.96	54.00	7.56	150	115	Vertical

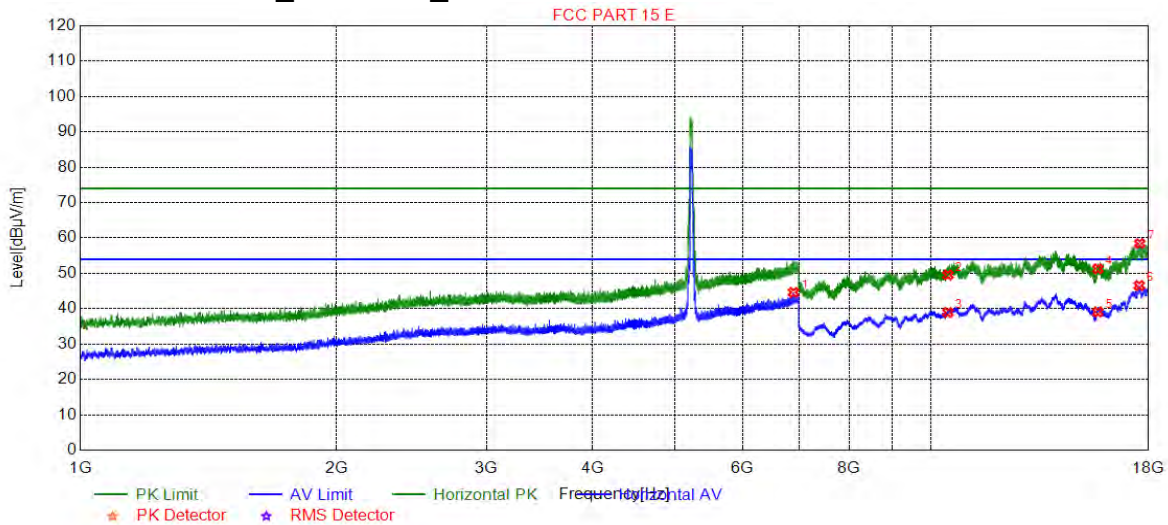


4.2.1.58 11N40_38 ANT 1_Horizontal



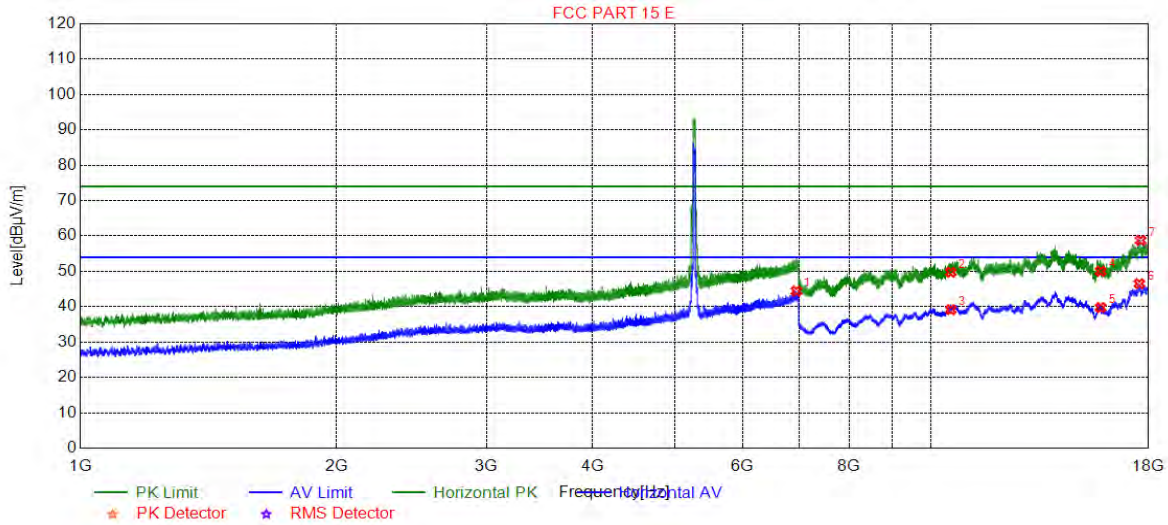
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6981.09	44.06	12.70	54.00	9.94	150	273	Horizontal
2	10380.0	49.33	-5.36	74.00	24.67	150	301	Horizontal
3	10380.0	37.77	-5.36	54.00	16.23	150	216	Horizontal
4	15570.0	47.64	-4.02	74.00	26.36	150	132	Horizontal
5	15570.0	37.08	-4.02	54.00	16.92	150	188	Horizontal
6	17532.4	58.63	0.77	74.00	15.37	150	47	Horizontal
7	17535.2	46.34	0.80	54.00	7.66	150	328	Horizontal

4.2.1.59 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	6886.59	44.59	12.35	54.00	9.41	150	216	Horizontal
2	10460.0	49.55	-4.70	74.00	24.45	150	46	Horizontal
3	10460.0	38.93	-4.70	54.00	15.07	150	216	Horizontal
4	15690.0	51.27	-2.93	74.00	22.73	150	103	Horizontal
5	15690.0	39.09	-2.93	54.00	14.91	150	131	Horizontal
6	17547.8	46.56	0.96	54.00	7.44	150	188	Horizontal
7	17570.9	58.44	1.26	74.00	15.56	150	328	Horizontal

4.2.1.60 11N40_54 ANT 1_Horizontal

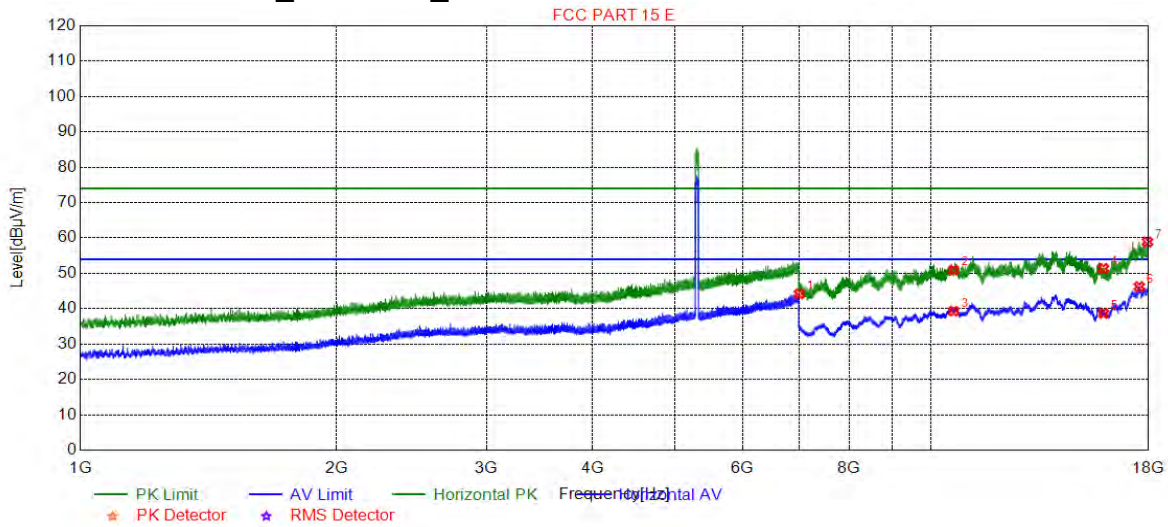


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.29	44.42	12.55	54.00	9.58	150	47	Horizontal
2	10540.0	49.75	-4.46	74.00	24.25	150	104	Horizontal
3	10540.0	39.15	-4.46	54.00	14.85	150	279	Horizontal
4	15810.0	50.02	-2.42	74.00	23.98	150	74	Horizontal
5	15810.0	39.77	-2.42	54.00	14.23	150	18	Horizontal
6	17553.3	46.52	1.03	54.00	7.48	150	138	Horizontal
7	17616.6	58.77	1.20	74.00	15.23	150	166	Horizontal



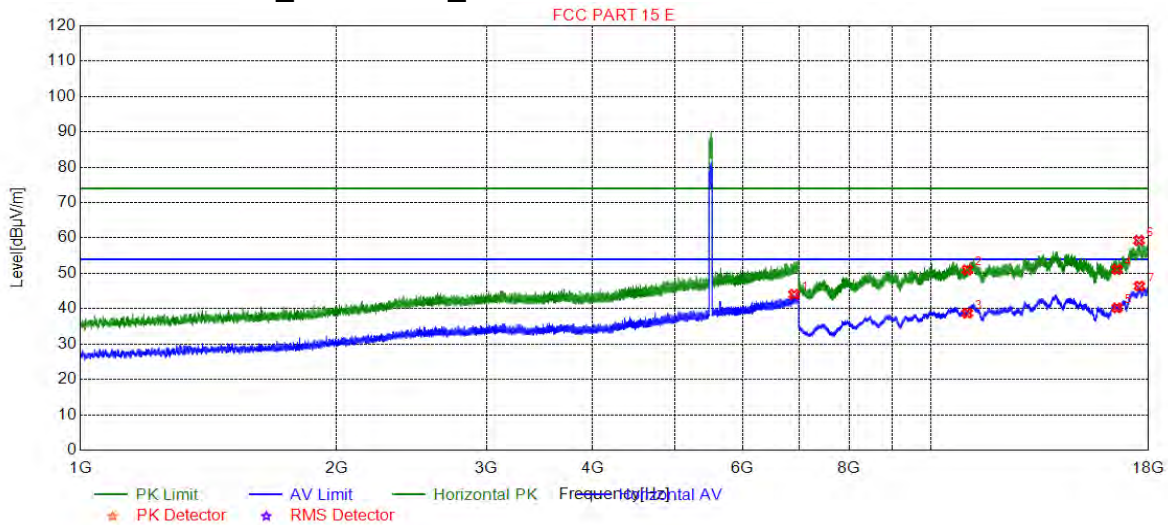
4.2.1.61 11N40_62 ANT 1_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6997.89	44.20	12.76	54.00	9.80	150	159	Horizontal
2	10620.0	50.95	-4.72	74.00	23.05	150	18	Horizontal
3	10620.0	39.32	-4.72	54.00	14.68	150	225	Horizontal
4	15930.0	51.38	-3.73	74.00	22.62	150	103	Horizontal
5	15930.0	38.71	-3.73	54.00	15.29	150	103	Horizontal
6	17548.9	46.22	0.98	54.00	7.78	150	103	Horizontal
7	17942.2	58.88	-0.79	74.00	15.12	150	310	Horizontal

4.2.1.62 11N40_102 ANT 1_Horizontal

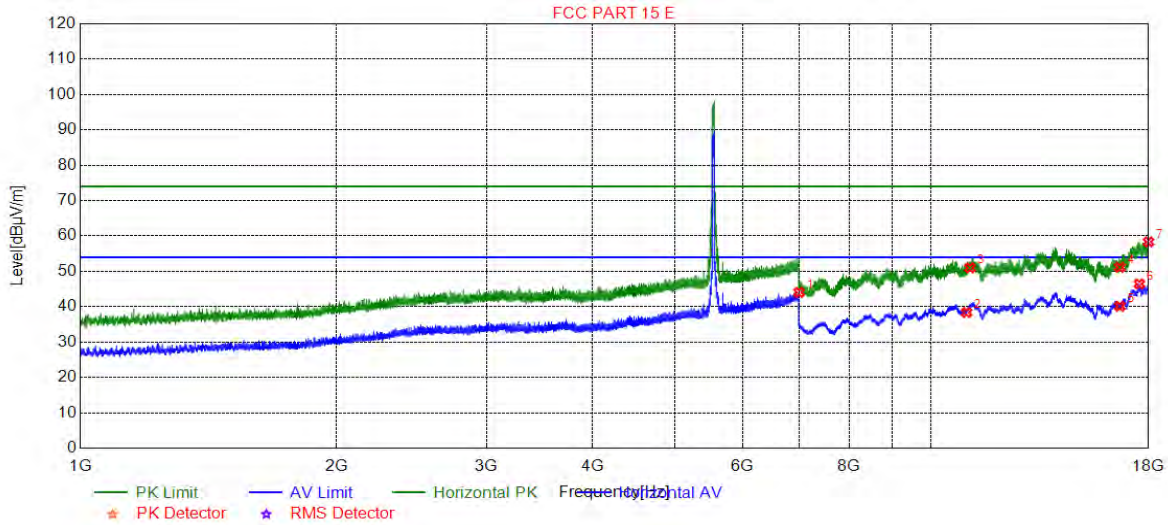


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.39	44.06	12.39	54.00	9.94	150	244	Horizontal
2	11020.0	50.98	-4.09	74.00	23.02	150	47	Horizontal
3	11020.0	38.73	-4.09	54.00	15.27	150	357	Horizontal
4	16530.0	51.10	-3.84	74.00	22.90	150	217	Horizontal
5	16530.0	40.25	-3.84	54.00	13.75	150	302	Horizontal
6	17534.1	59.32	0.79	74.00	14.68	150	18	Horizontal
7	17555.5	46.39	1.06	54.00	7.61	150	103	Horizontal

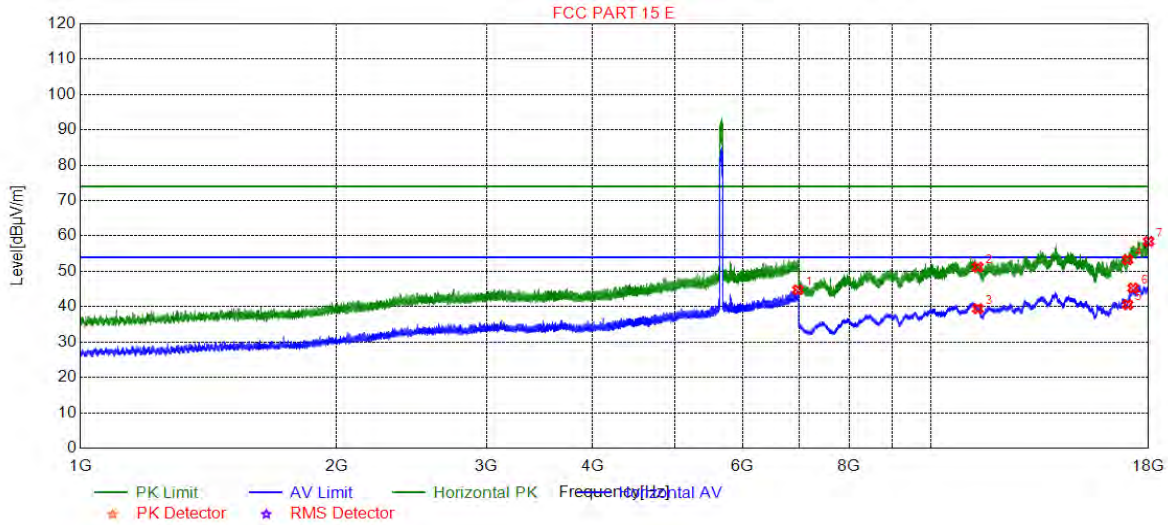


4.2.1.63 11N40_110 ANT 1_Horizontal



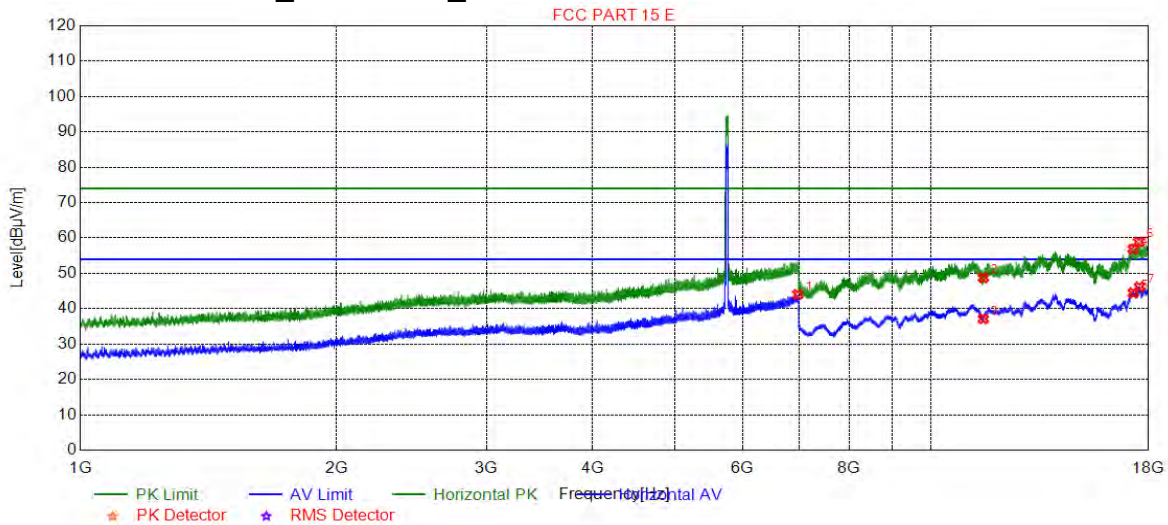
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6989.79	44.04	12.73	54.00	9.96	150	272	Horizontal
2	11000.0	38.37	-4.28	54.00	15.63	150	194	Horizontal
3	11100.0	50.98	-3.36	74.00	23.02	150	278	Horizontal
4	16650.0	51.14	-4.20	74.00	22.86	150	107	Horizontal
5	16650.0	40.12	-4.20	54.00	13.88	150	107	Horizontal
6	17552.2	46.45	1.02	54.00	7.55	150	194	Horizontal
7	17997.7	58.34	-0.37	74.00	15.66	150	359	Horizontal

4.2.1.64 11N40_134 ANT 1_Horizontal



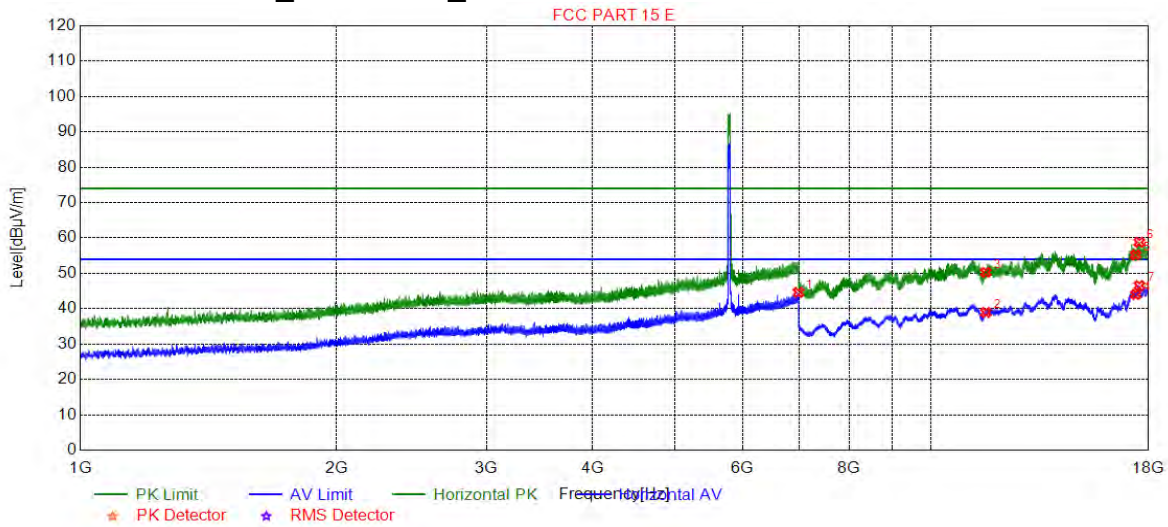
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.69	44.76	12.66	54.00	9.24	150	132	Horizontal
2	11340.0	51.17	-4.59	74.00	22.83	150	74	Horizontal
3	11340.0	39.45	-4.59	54.00	14.55	150	187	Horizontal
4	17010.0	53.30	-3.20	74.00	20.70	150	243	Horizontal
5	17010.0	40.59	-3.20	54.00	13.41	150	356	Horizontal
6	17258.5	45.26	-1.36	54.00	8.74	150	18	Horizontal
7	17999.4	58.45	-0.35	74.00	15.55	150	272	Horizontal

4.2.1.65 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	6967.29	44.03	12.65	54.00	9.97	150	131	Horizontal
2	11510.0	48.74	-5.50	74.00	25.26	150	78	Horizontal
3	11510.0	37.11	-5.50	54.00	16.89	150	139	Horizontal
4	17265.0	56.89	-1.33	74.00	17.11	150	18	Horizontal
5	17265.0	44.47	-1.33	54.00	9.53	150	111	Horizontal
6	17522.5	58.89	0.64	74.00	15.11	150	228	Horizontal
7	17556.6	46.18	1.08	54.00	7.82	150	18	Horizontal

4.2.1.66 11N40_159 ANT 1_Horizontal

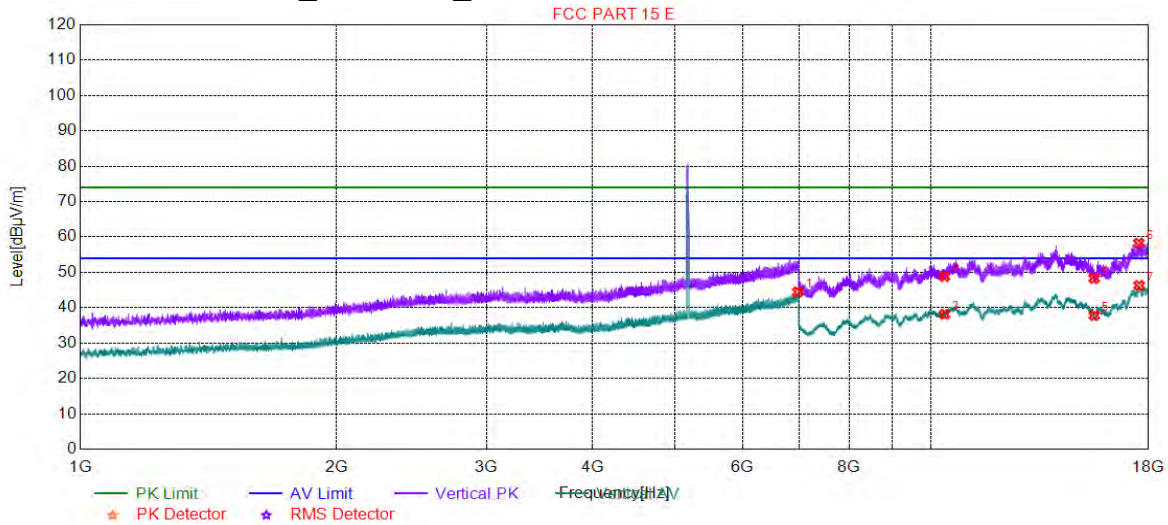


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6978.99	44.60	12.69	54.00	9.40	150	357	Horizontal
2	11590.0	38.95	-3.32	54.00	15.05	150	131	Horizontal
3	11590.0	50.29	-3.32	74.00	23.71	150	131	Horizontal
4	17385.0	44.01	-1.02	54.00	9.99	150	304	Horizontal
5	17385.0	55.17	-1.02	74.00	18.83	150	103	Horizontal
6	17547.8	58.81	0.96	74.00	15.19	150	220	Horizontal
7	17554.4	46.55	1.05	54.00	7.45	150	220	Horizontal



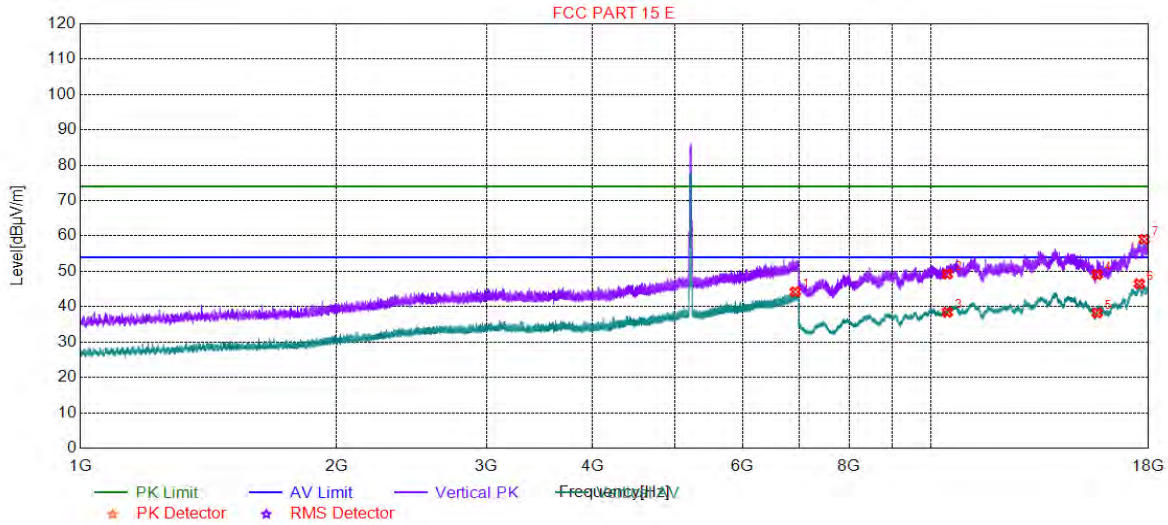
4.2.1.67 11AC20_36 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.19	44.47	12.65	54.00	9.53	150	282	Vertical
2	10360.0	48.85	-5.35	74.00	25.15	150	314	Vertical
3	10360.0	38.14	-5.35	54.00	15.86	150	88	Vertical
4	15540.0	48.29	-3.26	74.00	25.71	150	257	Vertical
5	15540.0	37.83	-3.26	54.00	16.17	150	116	Vertical
6	17529.1	58.26	0.72	74.00	15.74	150	144	Vertical
7	17544.5	46.30	0.92	54.00	7.70	150	314	Vertical

4.2.1.68 11AC20_44 ANT 1_Vertical

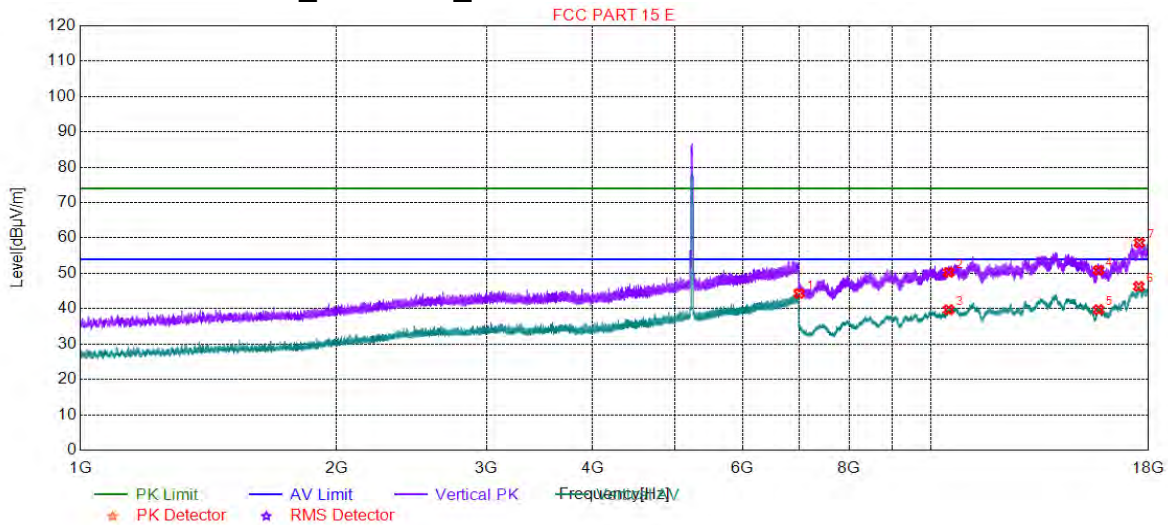


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.39	44.21	12.48	54.00	9.79	150	227	Vertical
2	10440.0	49.24	-4.92	74.00	24.76	150	144	Vertical
3	10440.0	38.44	-4.92	54.00	15.56	150	5	Vertical
4	15660.0	49.09	-3.54	74.00	24.91	150	342	Vertical
5	15660.0	38.25	-3.54	54.00	15.75	150	60	Vertical
6	17552.8	46.47	1.03	54.00	7.53	150	286	Vertical
7	17784.9	59.08	-0.80	74.00	14.92	150	286	Vertical



4.2.1.69 11AC20_48 ANT 1_Vertical

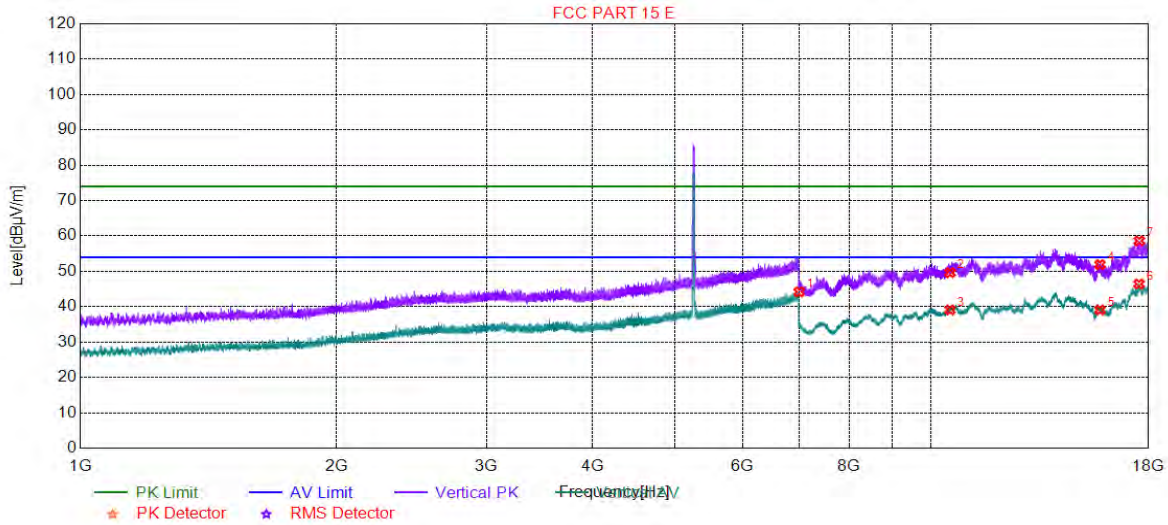


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6991.59	44.33	12.74	54.00	9.67	150	314	Vertical
2	10480.0	50.29	-4.49	74.00	23.71	150	314	Vertical
3	10480.0	39.71	-4.49	54.00	14.29	150	342	Vertical
4	15720.0	50.89	-2.65	74.00	23.11	150	32	Vertical
5	15720.0	39.73	-2.65	54.00	14.27	150	285	Vertical
6	17529.1	46.28	0.72	54.00	7.72	150	88	Vertical
7	17553.3	58.65	1.03	74.00	15.35	150	314	Vertical



4.2.1.70 11AC20_52 ANT 1_Vertical

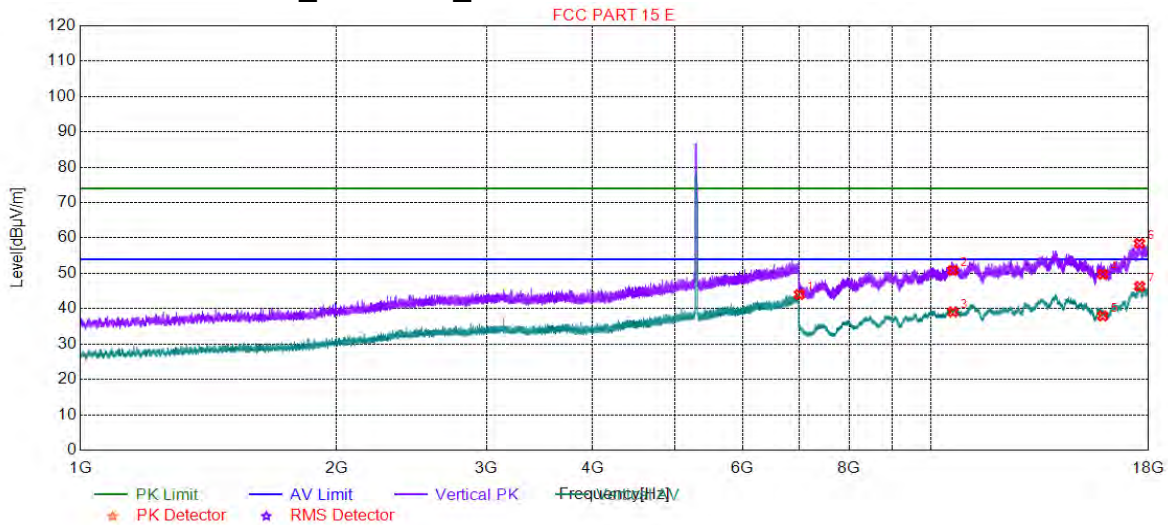


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6993.69	44.18	12.75	54.00	9.82	150	314	Vertical
2	10520.0	49.61	-4.37	74.00	24.39	150	0	Vertical
3	10520.0	39.10	-4.37	54.00	14.90	150	22	Vertical
4	15780.0	51.93	-2.36	74.00	22.07	150	163	Vertical
5	15780.0	39.09	-2.36	54.00	14.91	150	0	Vertical
6	17536.8	46.44	0.82	54.00	7.56	150	0	Vertical
7	17549.5	58.63	0.98	74.00	15.37	150	22	Vertical

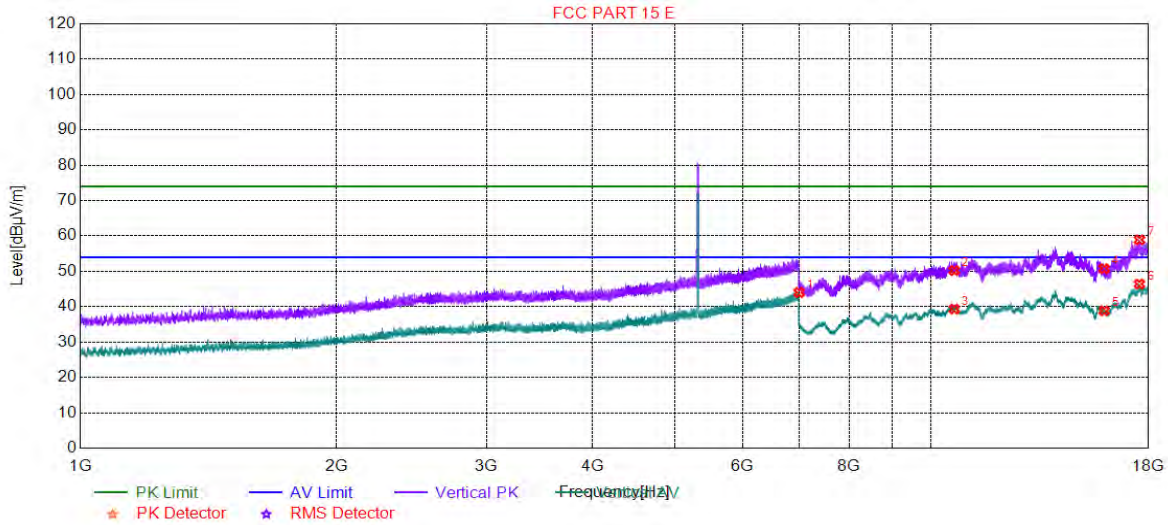


4.2.1.71 11AC20_60 ANT 1_Vertical



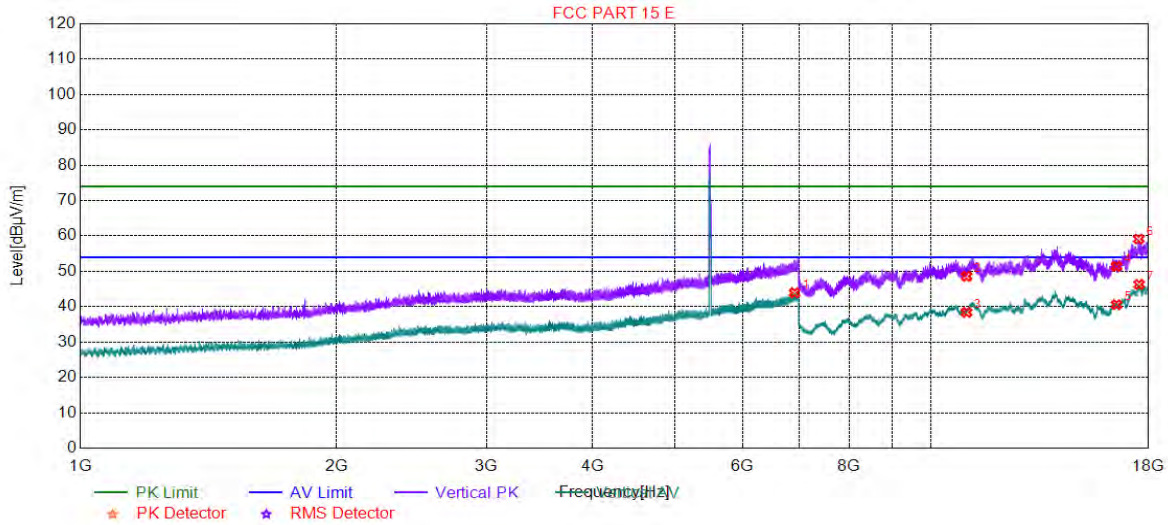
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6997.59	44.02	12.76	54.00	9.98	150	60	Vertical
2	10600.0	50.86	-4.75	74.00	23.14	150	172	Vertical
3	10600.0	39.10	-4.75	54.00	14.90	150	172	Vertical
4	15900.0	49.75	-3.75	74.00	24.25	150	59	Vertical
5	15900.0	37.95	-3.75	54.00	16.05	150	172	Vertical
6	17557.2	58.47	1.08	74.00	15.53	150	257	Vertical
7	17568.7	46.31	1.23	54.00	7.69	150	59	Vertical

4.2.1.72 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	6992.49	44.01	12.74	54.00	9.99	150	201	Vertical
2	10640.0	50.23	-4.69	74.00	23.77	150	141	Vertical
3	10640.0	39.34	-4.69	54.00	14.66	150	314	Vertical
4	15960.0	50.75	-3.70	74.00	23.25	150	342	Vertical
5	15960.0	38.85	-3.70	54.00	15.15	150	27	Vertical
6	17555.0	46.43	1.05	54.00	7.57	150	257	Vertical
7	17559.4	58.91	1.11	74.00	15.09	150	286	Vertical

4.2.1.73 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	6906.09	43.94	12.42	54.00	10.06	150	25	Vertical
2	11000.0	48.58	-4.28	74.00	25.42	150	144	Vertical
3	11000.0	38.40	-4.28	54.00	15.60	150	342	Vertical
4	16500.0	51.40	-3.62	74.00	22.60	150	286	Vertical
5	16500.0	40.58	-3.62	54.00	13.42	150	59	Vertical
6	17523.6	59.15	0.65	74.00	14.85	150	286	Vertical
7	17542.3	46.30	0.89	54.00	7.70	150	116	Vertical

