

Report No.: AR/2020/B000305
Page: 1 of 397

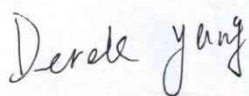
FCC TEST REPORT

Application No.: AR/2020/B0003
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description: Mobile Phone
Model No.: M2101K9AG
Trade Mark: XIAOMI
FCC ID: 2AFZZK9AG
Standards: 47 CFR FCC Part 2, Subpart J
47 CFR FCC Part 15, Subpart E
Test Method: KDB 789033 D02 General UNII Test Procedures New Rules v02
FCC KDB 558074 D01 DTS Meas Guidance v0502
KDB 662911 D01 Multiple Transmitter Output v02r01
KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
KDB 905462 D03 Client Without DFS New Rules v01r02
ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices
Date of Receipt: 2020/11/26
Date of Test: 2020/11/26 to 2020/12/15
Date of Issue: 2020/12/15

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

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

Authorized Signature:



Derek Yang
Wireless Laboratory Manager



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

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

1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020-12-15		Original

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

2 Test Summary

Test Item	Band	FCC rules	Test Requirements	Test Result	Result
26dB Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Clause 4.5	PASS
	5250-5350	15.403(i) 15.407(a)(2)			
	5470-5725	15.403(i) 15.407(a)(2)			
6dB Emission Bandwidth	5725-5850	15.403(i) 15.407(e)	≥ 500 kHz.	Clause 4.6	PASS
99% Occupied Bandwidth	5150-5250	KDB 789033 D02§ D	No limit.	Clause 4.7	PASS
	5250-5350				
	5470-5725				
	5725-5850				
Duty Cycle	5150-5850	--	No limit.	Clause 4.3	PASS
Maximum Conducted Output Power	5150-5250	15.407(a)(1) 15.407(a)(4)	FCC < 250mW (avg during transmission)	Clause 4.4	PASS
	5250-5350	15.407(a)(2) 15.407(a)(4)	<MIN{250mW,11dBm+10*lg(EB W)} (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW,11dBm+10*lg(EB W)} (avg during transmission)		
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)		
Maximum Power Spectral Density	5150-5250	15.407(a)(1) 15.407(a)(4)	<11dBm/MHz (avg during transmission)	Clause 4.8	PASS
	5250-5350	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)		
	5725-5850	15.407(a)(3) 15.407(a)(4)	<30dBm/500KHz (avg during transmission)		
Unwanted Emissions that fall Out of the Restricted Bands (Radiated)	5150-5250	15.407(b)(1) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: \$15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.15-5.35 GHz). F≥1GHz & in-restricted: \$15.209/§7.2.5 limit (AV&PK).	Clause 4.9	PASS
	5250-5350	15.407(b)(2) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: \$15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted: \$15.209/§7.2.5 limit (AV&PK).		PASS
	5470-5750	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: \$15.209/§7.2.5 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl.		PASS



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

Report No.: AR/2020/B000305

Page: 4 of 397

			5.47-5.725 GHz). F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		
	5725-5850	15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209	F<1GHz: §15.209/§7.2.5 limit (QP) F≥1GHz & out-restricted: (QP) a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges. F≥1GHz & in-restricted: §15.209/§7.2.5 limit (AV&PK).		PASS
Unwanted Emissions in the Restricted Bands (Radiated)	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.10	PASS
AC Power Line Conducted Emissions	5150-5250 5250-5350 5470-5725 5725-5850	15.207	---	Clause 4.2	PASS
Frequency Stability	5150-5250 5250-5350 5470-5725 5725-5850	15.209	---	Clause 4.11	PASS
Dynamic Frequency Selection	5250-5350 5470-5725	47 CFR Part 15, Subpart E 15.407	Channel Move Time:10 Seconds	Clause 4.12	PASS



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

Contents

1	Version.....	2
2	Test Summary.....	3
3	General Information.....	7
3.1	Details of Client.....	7
3.2	Test Location.....	7
3.3	Test Facility.....	8
3.4	General Description of EUT.....	9
3.5	Test Environment and Mode.....	11
4	Test results and Measurement Data.....	12
4.1	Antenna Requirement.....	12
4.2	AC Power Line Conducted Emissions.....	12
4.3	Duty Cycle.....	16
4.4	Conducted Output Power.....	17
4.5	26dB Emission Bandwidth.....	18
4.6	6dB Emission Bandwidth.....	19
4.7	99% Occupied Bandwidth.....	20
4.8	Power Spectral Density.....	21
4.9	Radiated Spurious Emissions.....	22
4.9.1	Radiated emission below 1GHz.....	24
4.9.1	Transmitter emission above 1GHz.....	26
4.10	Radiated Spurious Emissions.....	144
4.10.1	Test Plots.....	146
4.11	Frequencies Stability.....	240
4.11.1	Frequency Error vs. Voltage.....	240
4.11.2	Frequency Error vs. Temperature.....	240
4.12	Dynamic Frequency Selection.....	241
4.12.1	DFS Overview.....	241
4.12.2	DFS Detection Thresholds.....	242
4.12.3	Response Requirements.....	242
4.12.4	Test plots.....	243
5	Measurement Uncertainty (95% confidence levels, k=2).....	252
6	Equipment List.....	253



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

7	Photographs - EUT Constructional Details.....	255
	Emission Bandwidth.....	257
	Test Result.....	257
	Test Graphs.....	259
	Occupied channel bandwidth.....	289
	Test Result.....	289
	Test Graphs.....	291
	Min emission bandwidth.....	321
	Test Result.....	321
	Test Graphs.....	322
	Maximum conducted output power.....	330
	Test Result.....	330
	Graphs.....	331
	Maximum power spectral density.....	332
	Test Result.....	332
	Test Graphs.....	334
	Duty Cycle.....	365
	Test Result.....	365
	Test Graphs.....	367



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

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

3 General Information

3.1 Details of Client

Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

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



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

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

3.3 Test Facility

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

• **CNAS (No. CNAS L2929)**

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

• **A2LA (Certificate No. 3816.01)**

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

• **VCCI**

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

• **FCC –Designation Number: CN1178**

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

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

• **Industry Canada (IC)**

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



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

3.4 General Description of EUT

EUT Description:	Mobile Phone
Model No.:	M2101K9AG
Trade Mark:	XIAOMI
Hardware Version:	P2
Software Version:	MIUI 12
IEEE 802.11 WLAN Mode Supported	☒ 802.11a (20 MHz channel bandwidth), ☒ 802.11n (20 MHz channel bandwidth), ☒ 802.11n (40 MHz channel bandwidth), ☒ 802.11ac (20 MHz channel bandwidth), ☒ 802.11ac (40 MHz channel bandwidth), ☒ 802.11ac (80 MHz channel bandwidth), ☐ 802.11ac (160 MHz channel bandwidth)
Operation Frequency:	IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5150MHz to 5250MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5250MHz to 5350MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5470MHz to 5725MHz IEEE 802.11n(HT20/40)/ ac(HT20/40/80): 5725MHz to 5850MHz
Type of Modulation:	OFDM
DFS mode:	☐ Master ☐ Slave with radar detection ☒ Slave without radar detection
Sample Type:	☒ Portable Device, ☐ Module
Antenna Type:	IFA
Antenna Ports	☒ Ant 1, ☐ Ant 2, ☐ Ant 3
Smart System	☒ SISO (for 802.11a/n/ac), ☐ MIMO (for 802.11n/ac), ☐ Diversity (for 802.11a).
Antenna Gain:	-2.1dBi
Power Supply	☒ AC/DC Adapter; ☐ Battery ☐ PoE;; ☐ Other:

Remark:

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

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



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

Report No.: AR/2020/B000305

Page: 10 of 397

For UNII Band I:

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

For UNII Band II-A:

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

For UNII Band II-C:

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

For UNII Band III:

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



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

3.5 Test Environment and Mode

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



4 Test results and Measurement Data

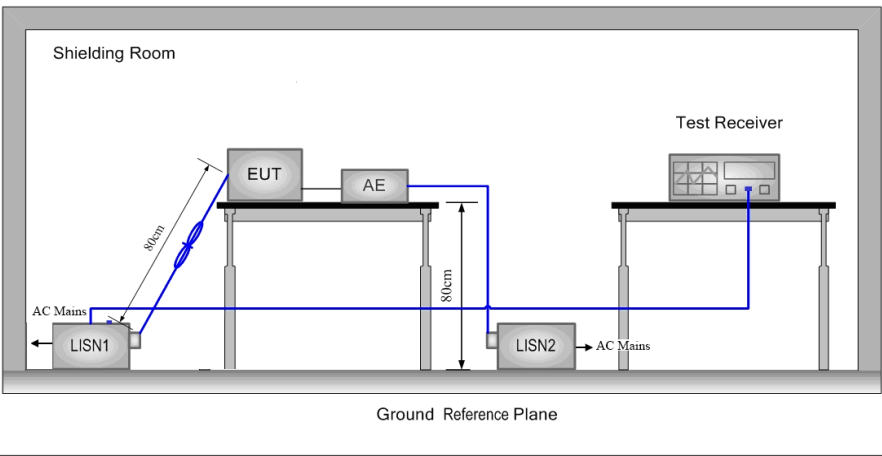
4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is -2.1dBi.	

4.2 AC Power Line Conducted Emissions

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



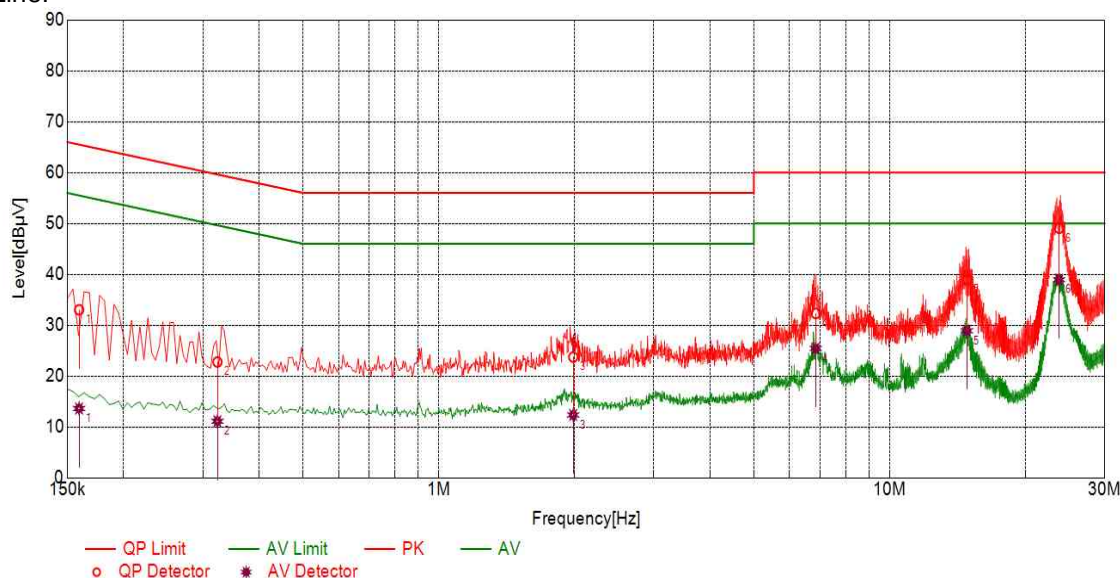
Test Setup:	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer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



Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:

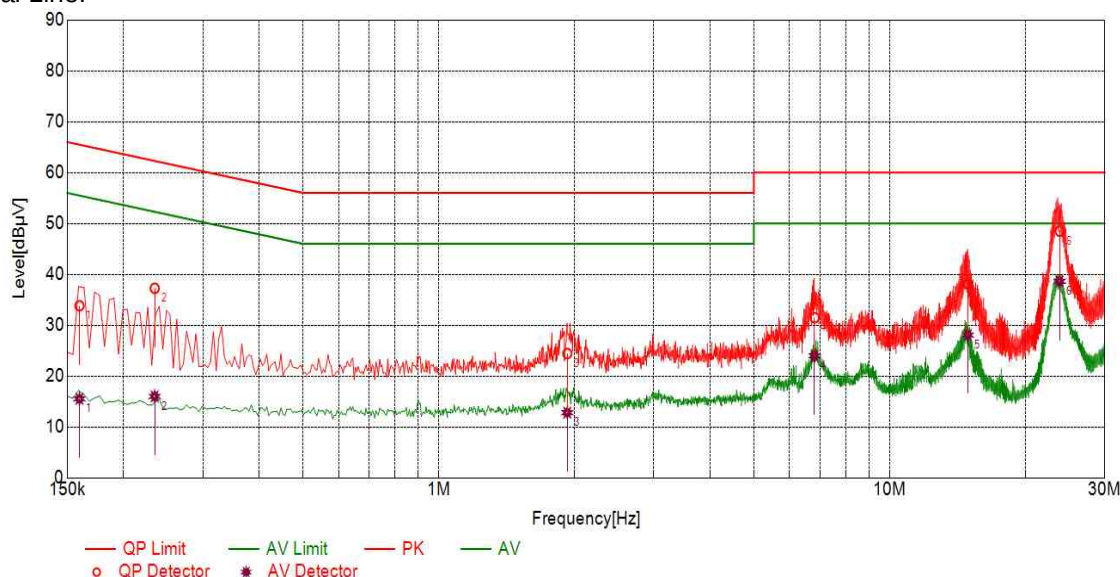


Test Graph

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1594	10.10	33.03	65.49	32.46	13.62	55.49	41.87	L
2	0.3231	10.10	22.76	59.63	36.87	11.12	49.63	38.51	L
3	1.9876	10.10	23.73	56.00	32.27	12.35	46.00	33.65	L
4	6.8576	10.10	32.31	60.00	27.69	25.44	50.00	24.56	L
5	14.8506	10.11	38.96	60.00	21.04	28.90	50.00	21.10	L
6	23.7650	10.11	49.06	60.00	10.94	38.94	50.00	11.06	L



Neutral Line:



Test Graph

Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1597	10.10	33.82	65.48	31.66	15.52	55.48	39.96	N
2	0.2345	10.10	37.26	62.29	25.03	16.00	52.29	36.29	N
3	1.9282	10.10	24.43	56.00	31.57	12.81	46.00	33.19	N
4	6.8166	10.10	31.47	60.00	28.53	23.99	50.00	26.01	N
5	14.9194	10.11	38.09	60.00	21.91	28.08	50.00	21.92	N
6	23.8401	10.11	48.49	60.00	11.51	38.63	50.00	11.37	N

Remarks:

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



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

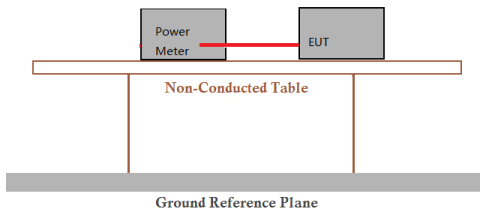
4.3 Duty Cycle

The detailed test data see: **Appendix**



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

4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10 :2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	<p>Through Pre-scan, find the</p> <p>6Mbps of rate is the worst case of 802.11a;</p> <p>MCS0 of rate is the worst case of 802.11n(HT20) ;</p> <p>MCS0 of rate is the worst case of 802.11n(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT20).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>Only the worst case is recorded in the report.</p>	
Limit:	Frequency Band	Limit
	5150-5250MHz	Not exceed 250mW(24dBm)
	5250-5350MHz	The lesser of 250mW(24dBm) or $11 + 10\log B$
	5470-5725MHz	The lesser of 250mW(24dBm) or $11 + 10\log B$
	5725-5850MHz	Not exceed 1W(30dBm)
	*Where B is the 26dB emission bandwidth in MHz	
Test Results:	Pass	

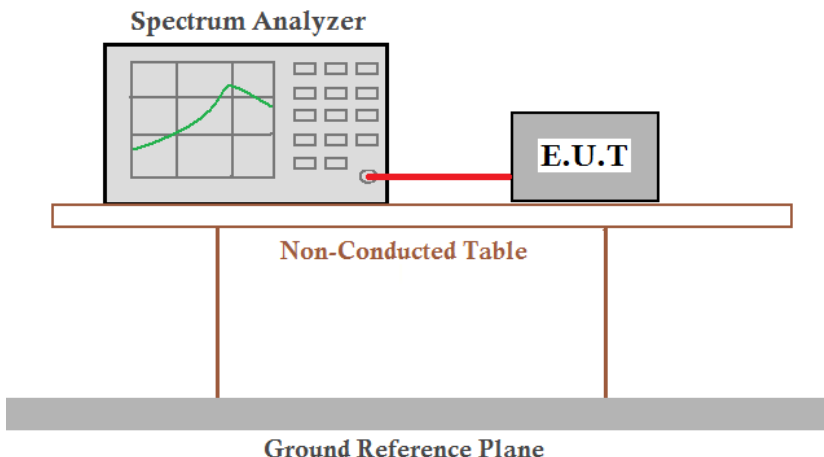
The detailed test data see: **Appendix**



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

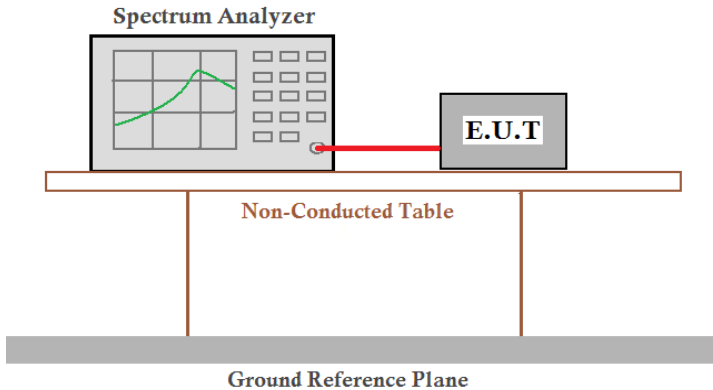
4.5 26dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	<p>Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a;</p> <p>MCS0 of rate is the worst case of 802.11n(HT20) ;</p> <p>MCS0 of rate is the worst case of 802.11n(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT20).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>Only the worst case is recorded in the report.</p>
Limit:	No restriction limits
Test Results:	Pass

The detailed test data see: **Appendix**



4.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	<p>Through Pre-scan, find the</p> <p>6Mbps of rate is the worst case of 802.11a;</p> <p>MCS0 of rate is the worst case of 802.11n(HT20) ;</p> <p>MCS0 of rate is the worst case of 802.11n(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT20).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>Only the worst case is recorded in the report.</p>	
Limit:	Frequency Band	Limit
	5725-5850MHz	At lease 500kHz
Test Results:	Pass	

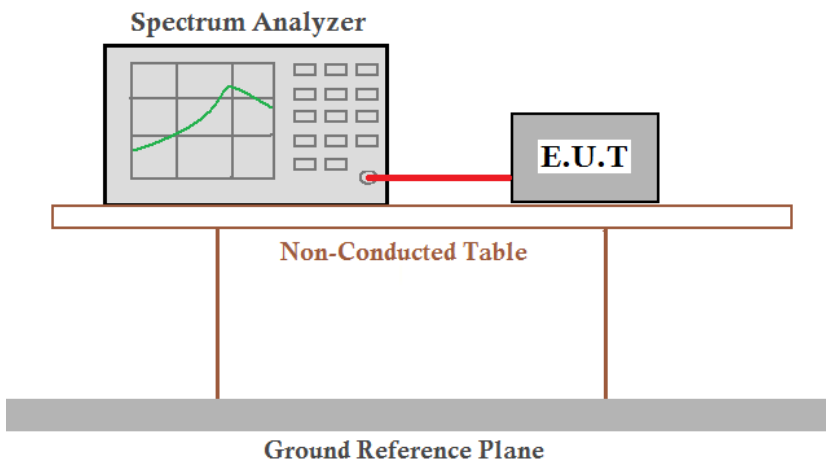
The detailed test data see: **Appendix**



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

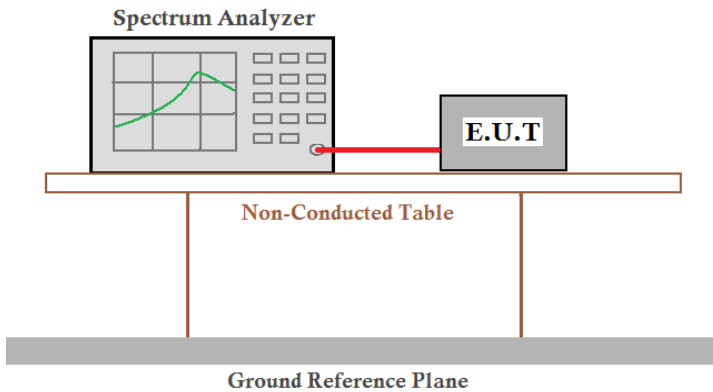
4.7 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10: 2013
Test Setup:	
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20). MCS0 of rate is the worst case of 802.11ac(HT40). MCS0 of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.
Limit:	No restriction limits
Test Results:	Pass

The detailed test data see: **Appendix**



4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013 KDB 789033 D02 v02r01, Section F.	
Test Setup:		
Instruments Used:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	<p>Through Pre-scan, find the</p> <p>6Mbps of rate is the worst case of 802.11a;</p> <p>MCS0 of rate is the worst case of 802.11n(HT20) ;</p> <p>MCS0 of rate is the worst case of 802.11n(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT20).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>Only the worst case is recorded in the report.</p>	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	

The detailed test data see: **Appendix**



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

4.9 Radiated Spurious Emissions

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

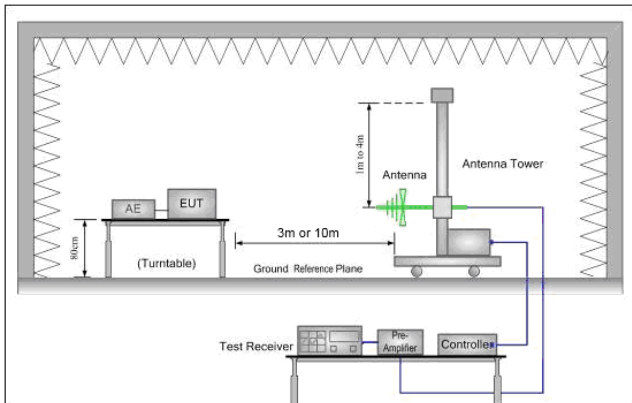


Figure 1. 30MHz to 1GHz

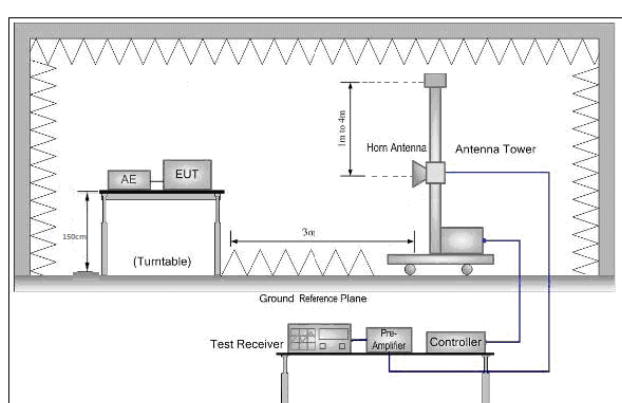


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Test the EUT in the outermost channels. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40);



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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Report No.: AR/2020/B000305

Page: 23 of 397

	<p>MCS0 of rate is the worst case of 802.11ac(HT20).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40).</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case.</p> <p>Only the worst case is recorded in the report.</p>
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

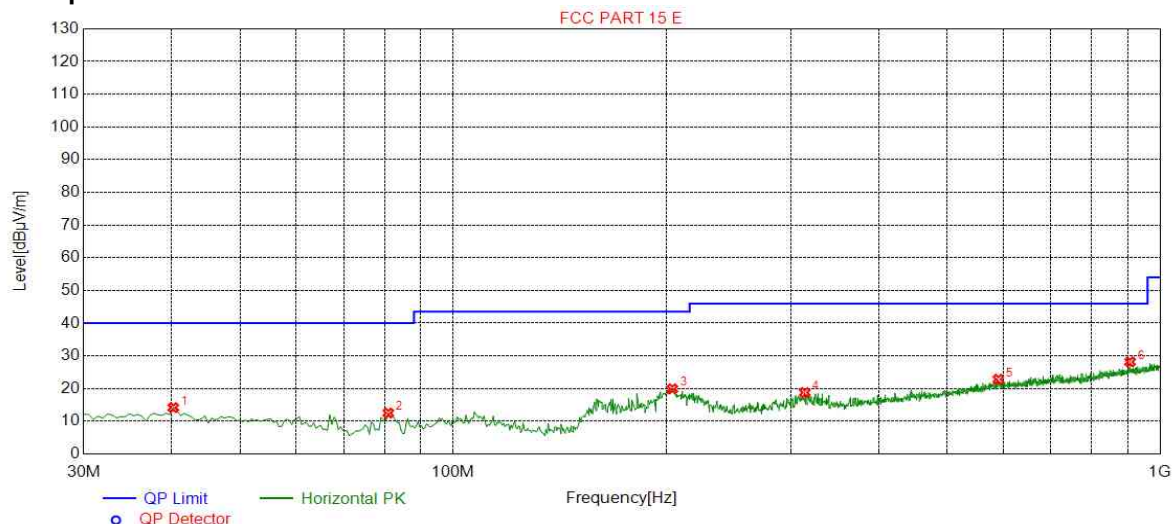


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1 Radiated emission below 1GHz

Test Graph



Suspected List

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

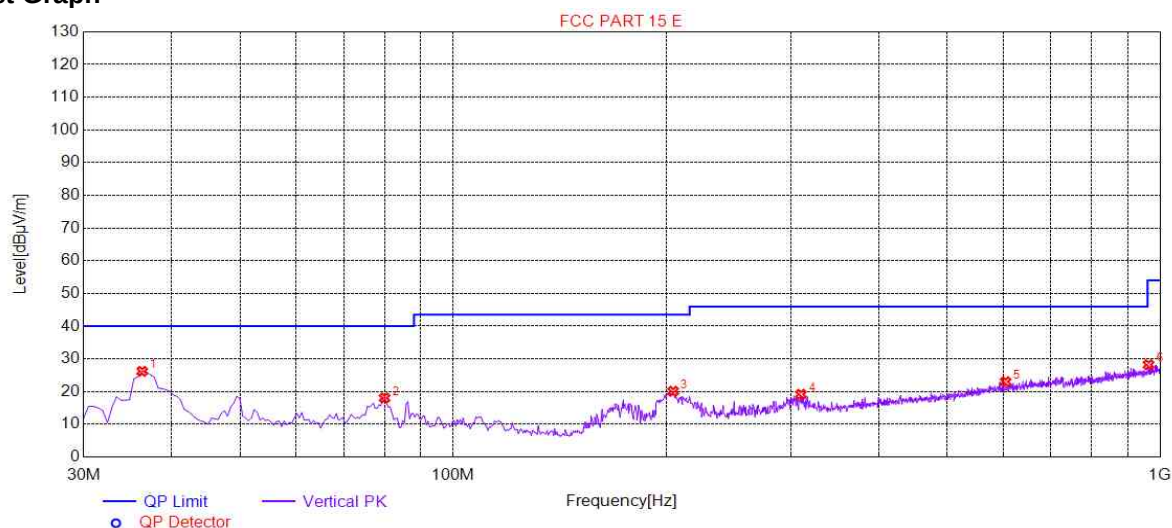
Final Data List



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

Test Graph



Suspected List

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

Final Data List



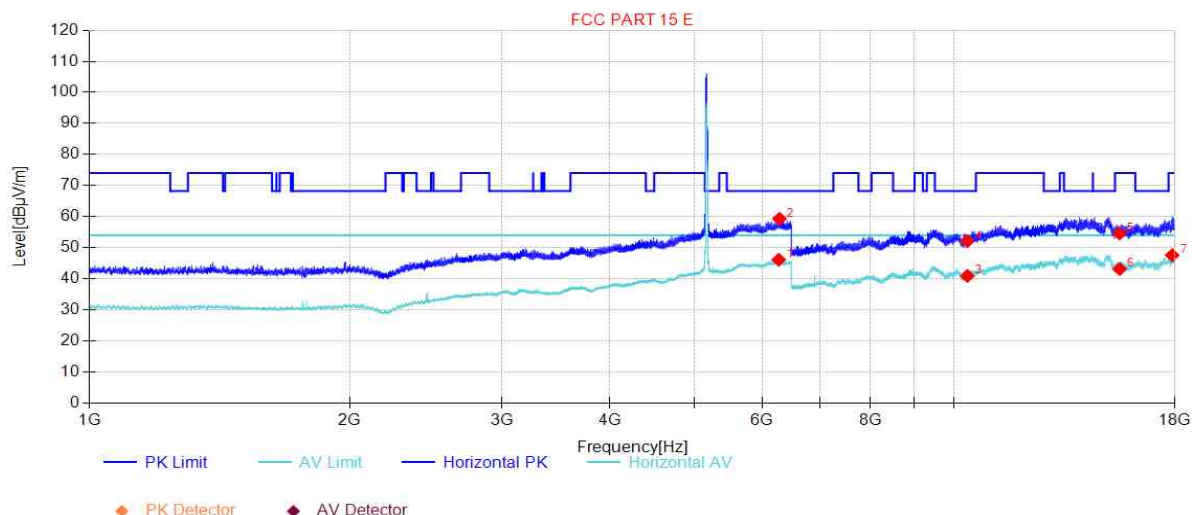
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com

Report No.: AR/2020/B000305
Page: 26 of 397

4.9.1 Transmitter emission above 1GHz 4.9.1.1 802.11A_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6268.617	46.10	18.33	54.00	7.90	400	Horizontal
2	6280.718	59.30	18.39	68.20	8.90	200	Horizontal
3	10360.00	40.89	2.38	54.00	13.11	400	Horizontal
4	10360.00	52.12	2.38	68.20	16.08	100	Horizontal
5	15540.00	54.57	5.88	74.00	19.43	400	Horizontal
6	15540.00	43.10	5.88	54.00	10.90	300	Horizontal
7	17874.87	47.55	8.63	54.00	6.45	200	Horizontal

Final Data List



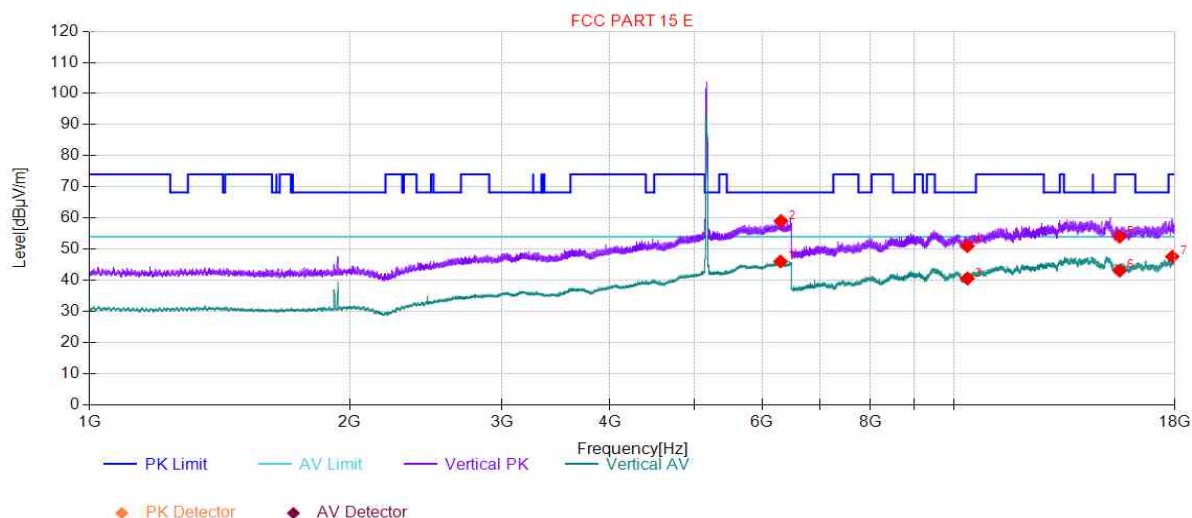
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

4.9.1.2 802.11A_Channel 36

Test Graph



Suspected List

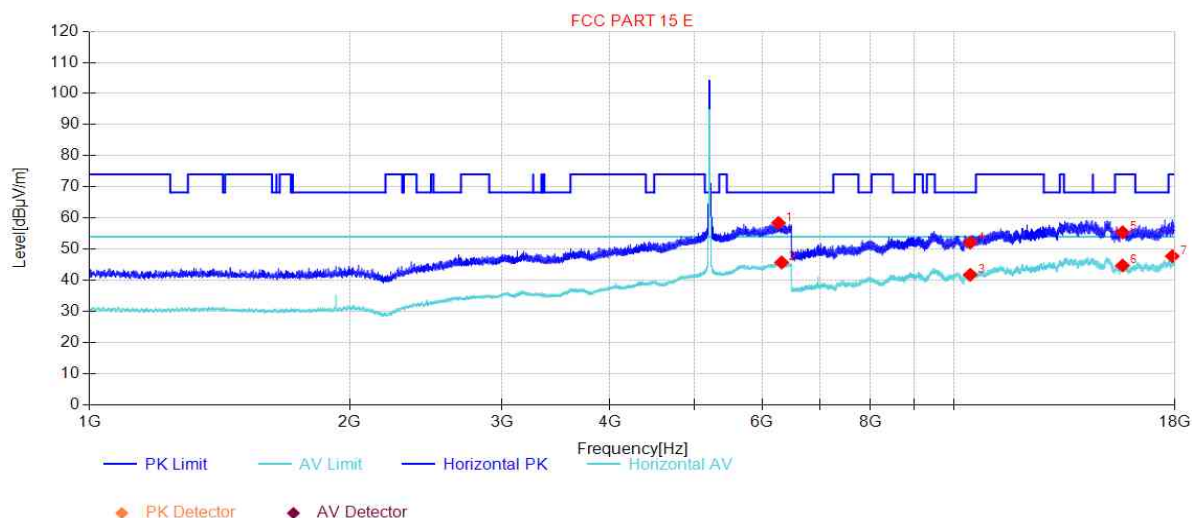
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6299.053	46.01	18.48	54.00	7.99	300	Vertical
2	6308.220	59.03	18.46	68.20	9.17	200	Vertical
3	10360.00	40.53	2.38	54.00	13.47	100	Vertical
4	10360.00	50.97	2.38	68.20	17.23	200	Vertical
5	15540.00	53.98	5.88	74.00	20.02	100	Vertical
6	15540.00	43.06	5.88	54.00	10.94	200	Vertical
7	17879.93	47.57	8.67	54.00	6.43	300	Vertical

Final Data List



4.9.1.3 802.11A_Channel 44

Test Graph



Suspected List

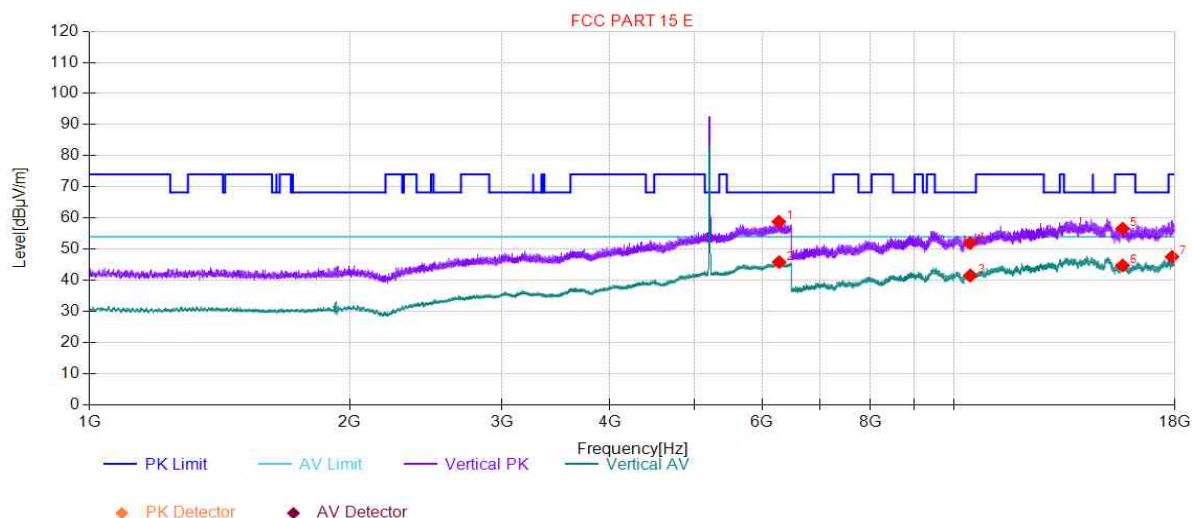
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6265.317	58.39	18.32	68.20	9.81	150	Horizontal
2	6317.021	45.69	18.43	54.00	8.31	150	Horizontal
3	10440.00	41.76	2.46	54.00	12.24	150	Horizontal
4	10440.00	52.11	2.46	68.20	16.09	150	Horizontal
5	15660.00	55.41	6.12	74.00	18.59	150	Horizontal
6	15660.00	44.71	6.12	54.00	9.29	150	Horizontal
7	17880.85	47.71	8.67	54.00	6.29	150	Horizontal

Final Data List



4.9.1.4 802.11A_Channel 44

Test Graph



Suspected List

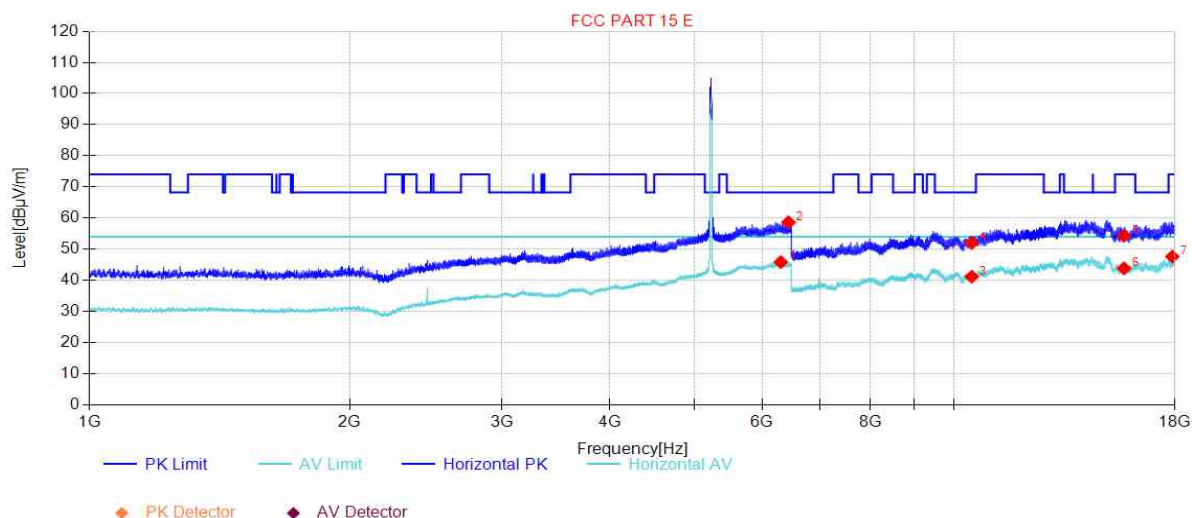
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6269.718	58.81	18.34	68.20	9.39	150	Vertical
2	6275.951	45.82	18.37	54.00	8.18	150	Vertical
3	10440.00	41.51	2.46	54.00	12.49	150	Vertical
4	10440.00	51.94	2.46	68.20	16.26	150	Vertical
5	15660.00	56.56	6.12	74.00	17.44	150	Vertical
6	15660.00	44.72	6.12	54.00	9.28	150	Vertical
7	17867.51	47.49	8.56	54.00	6.51	150	Vertical

Final Data List



4.9.1.5 802.11A_Channel 48

Test Graph



Suspected List

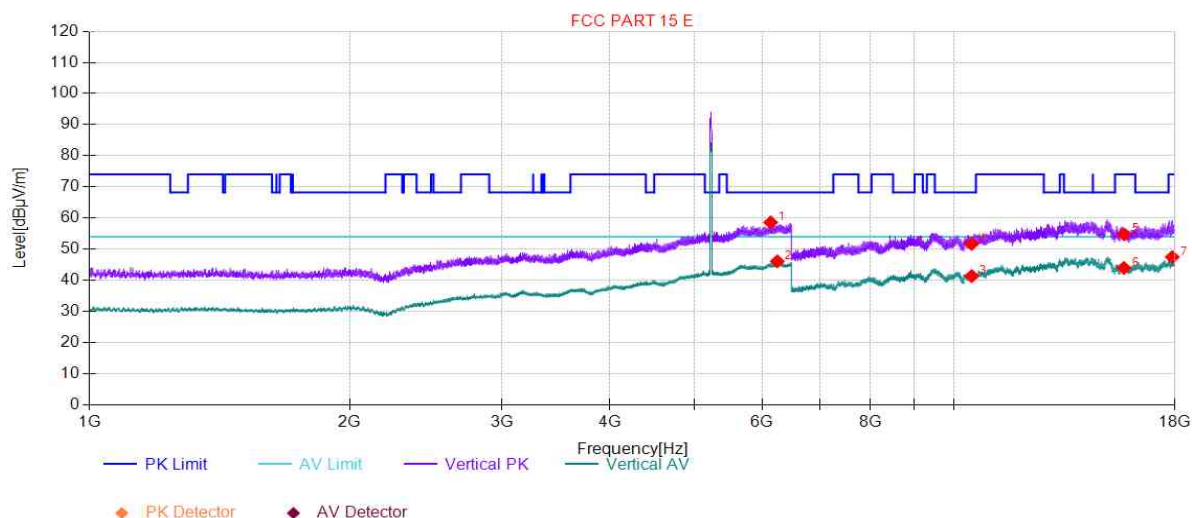
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6303.453	45.81	18.47	54.00	8.19	150	Horizontal
2	6434.729	58.60	18.35	68.20	9.60	150	Horizontal
3	10480.00	41.13	2.49	54.00	12.87	150	Horizontal
4	10480.00	52.00	2.49	68.20	16.20	150	Horizontal
5	15720.00	54.28	5.92	74.00	19.72	150	Horizontal
6	15720.00	43.80	5.92	54.00	10.20	150	Horizontal
7	17878.55	47.59	8.66	54.00	6.41	150	Horizontal

Final Data List



4.9.1.6 802.11A_Channel 48

Test Graph



Suspected List

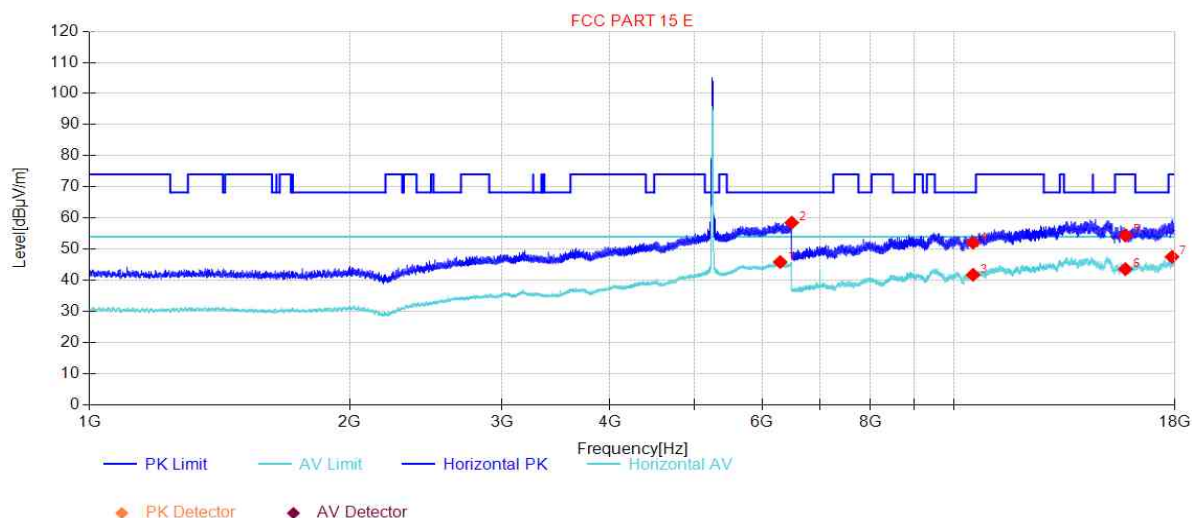
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6134.775	58.59	17.85	68.20	9.61	150	Vertical
2	6245.149	46.06	18.22	54.00	7.94	150	Vertical
3	10480.00	41.32	2.49	54.00	12.68	150	Vertical
4	10480.00	51.66	2.49	68.20	16.54	150	Vertical
5	15720.00	54.73	5.92	74.00	19.27	150	Vertical
6	15720.00	43.93	5.92	54.00	10.07	150	Vertical
7	17875.79	47.44	8.63	54.00	6.56	150	Vertical

Final Data List



4.9.1.7 802.11A_Channel 52

Test Graph



Suspected List

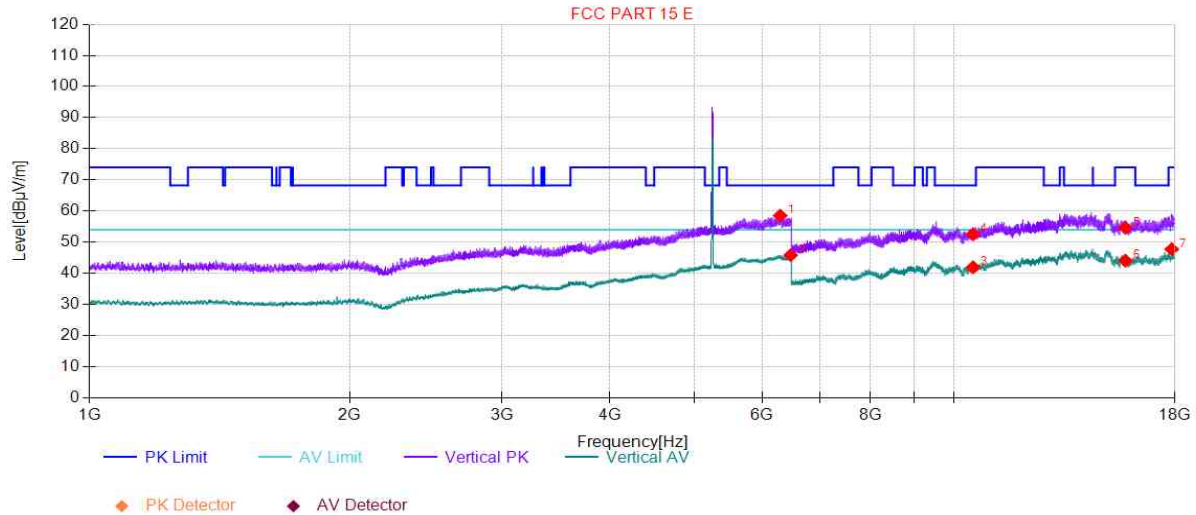
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6293.186	45.84	18.45	54.00	8.16	150	Horizontal
2	6489.732	58.49	18.66	68.20	9.71	150	Horizontal
3	10520.00	41.74	2.45	54.00	12.26	150	Horizontal
4	10520.00	52.06	2.45	68.20	16.14	150	Horizontal
5	15780.00	54.38	5.30	74.00	19.62	150	Horizontal
6	15780.00	43.56	5.30	54.00	10.44	150	Horizontal
7	17867.51	47.50	8.56	54.00	6.50	150	Horizontal

Final Data List



4.9.1.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6293.919	58.51	18.46	68.20	9.69	150	Vertical
2	6471.031	45.80	18.55	54.00	8.20	150	Vertical
3	10520.00	41.90	2.45	54.00	12.10	150	Vertical
4	10520.00	52.54	2.45	68.20	15.66	150	Vertical
5	15780.00	54.59	5.30	74.00	19.41	150	Vertical
6	15780.00	44.03	5.30	54.00	9.97	150	Vertical
7	17853.71	47.69	8.45	54.00	6.31	150	Vertical

Final Data List

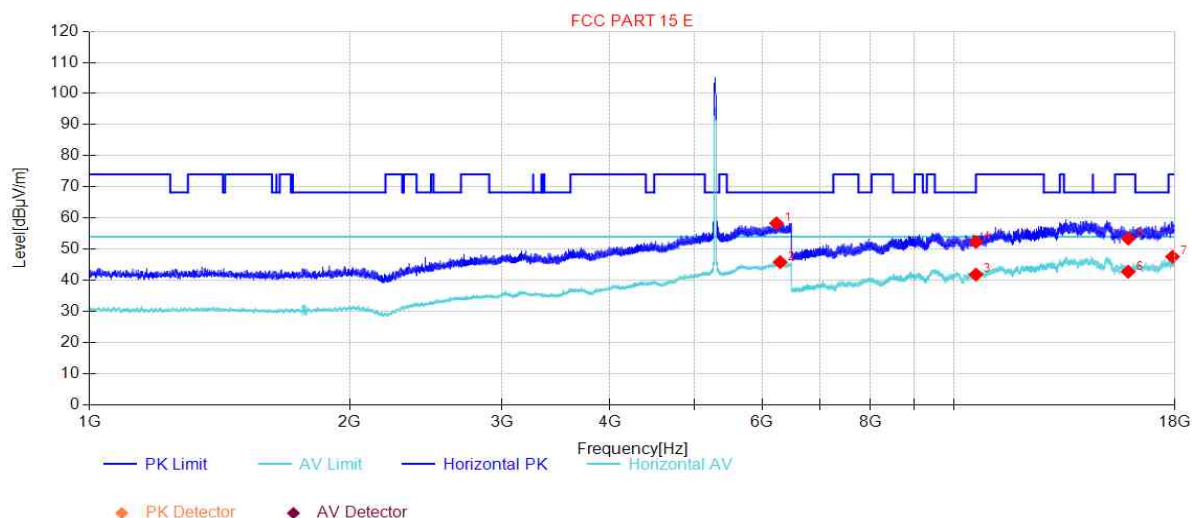


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.9 802.11A_Channel 60

Test Graph



Suspected List

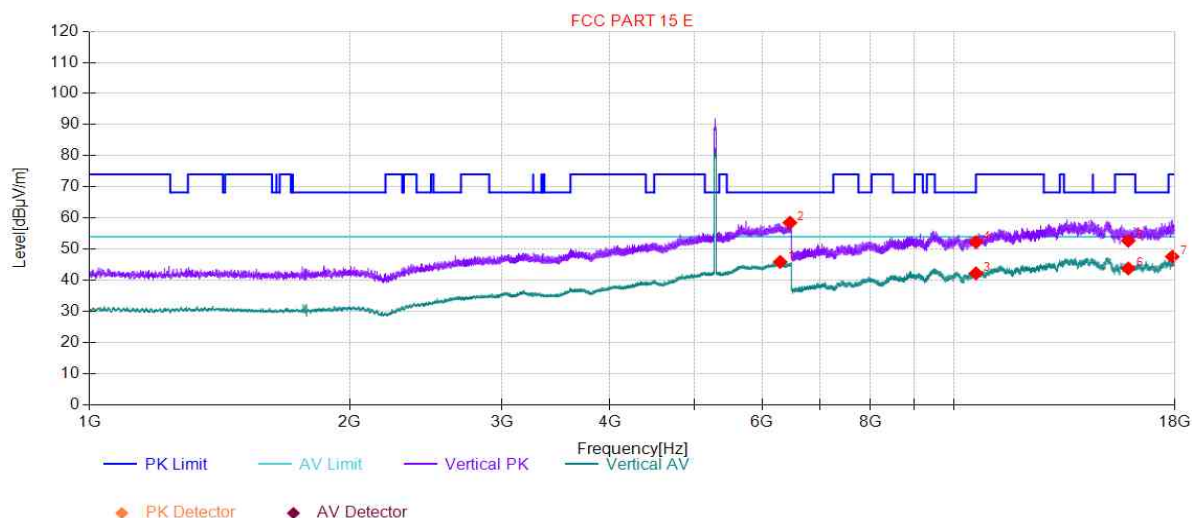
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6231.215	58.31	18.15	68.20	9.89	150	Horizontal
2	6292.452	45.81	18.45	54.00	8.19	150	Horizontal
3	10600.00	41.82	2.23	54.00	12.18	150	Horizontal
4	10600.00	52.27	2.23	74.00	21.73	150	Horizontal
5	15900.00	53.38	5.29	74.00	20.62	150	Horizontal
6	15900.00	42.72	5.29	54.00	11.28	150	Horizontal
7	17890.05	47.55	8.75	54.00	6.45	150	Horizontal

Final Data List



4.9.1.10 802.11A_Channel 60

Test Graph



Suspected List

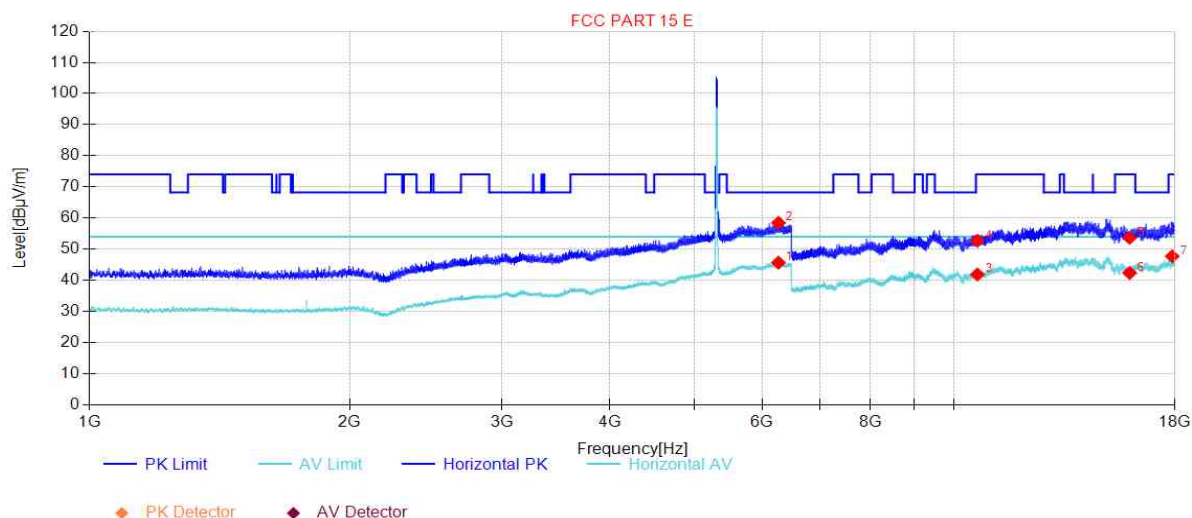
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	45.87	18.45	54.00	8.13	150	Vertical
2	6458.197	58.48	18.48	68.20	9.72	150	Vertical
3	10600.00	42.20	2.23	54.00	11.80	150	Vertical
4	10600.00	52.21	2.23	74.00	21.79	150	Vertical
5	15900.00	52.69	5.29	74.00	21.31	150	Vertical
6	15900.00	43.77	5.29	54.00	10.23	150	Vertical
7	17878.09	47.55	8.65	54.00	6.45	150	Vertical

Final Data List



4.9.1.11 802.11A_Channel 64

Test Graph



Suspected List

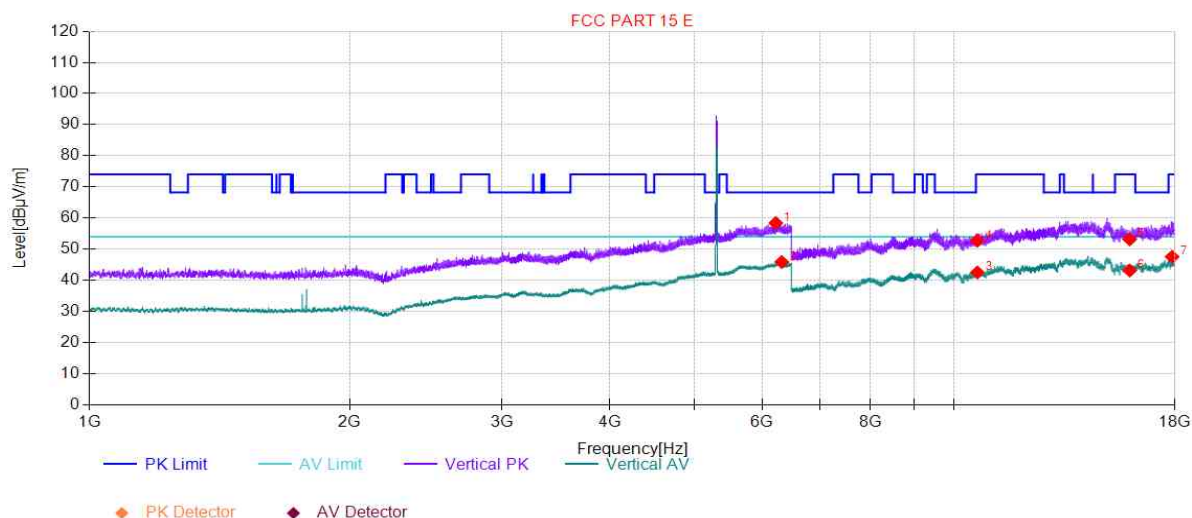
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6264.217	45.64	18.31	54.00	8.36	150	Horizontal
2	6265.317	58.43	18.32	68.20	9.77	150	Horizontal
3	10640.00	41.83	2.22	54.00	12.17	150	Horizontal
4	10640.00	52.66	2.22	74.00	21.34	150	Horizontal
5	15960.00	53.64	5.01	74.00	20.36	150	Horizontal
6	15960.00	42.33	5.01	54.00	11.67	150	Horizontal
7	17876.71	47.69	8.64	54.00	6.31	150	Horizontal

Final Data List



4.9.1.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6220.214	58.38	18.10	68.20	9.82	150	Vertical
2	6318.854	45.84	18.42	54.00	8.16	150	Vertical
3	10640.00	42.49	2.22	54.00	11.51	150	Vertical
4	10640.00	52.73	2.22	74.00	21.27	150	Vertical
5	15960.00	53.15	5.01	74.00	20.85	150	Vertical
6	15960.00	43.12	5.01	54.00	10.88	150	Vertical
7	17871.65	47.52	8.60	54.00	6.48	150	Vertical

Final Data List

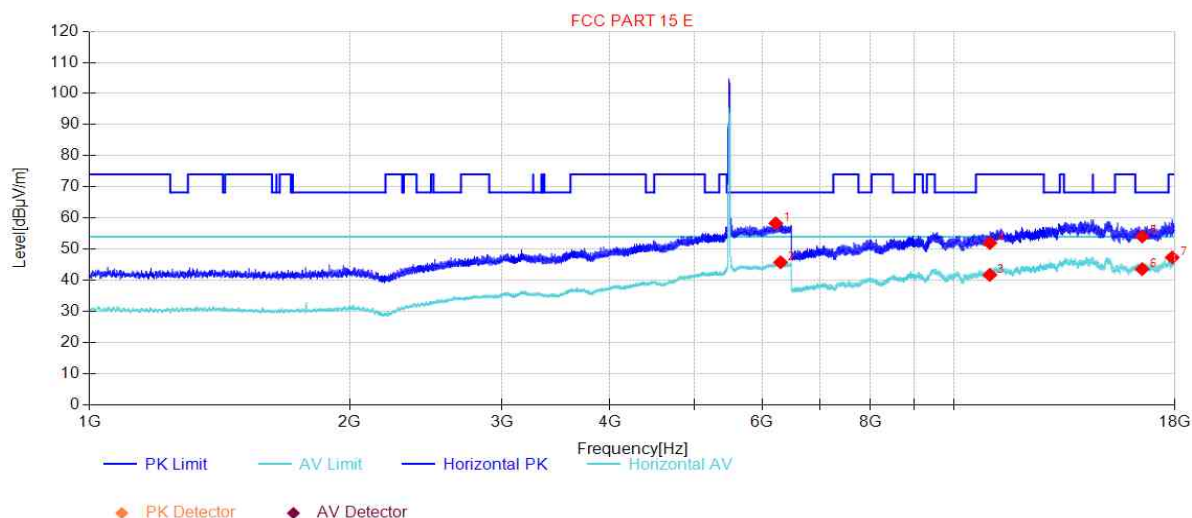


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.13 802.11A_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6219.481	58.28	18.09	68.20	9.92	150	Horizontal
2	6299.053	45.75	18.48	54.00	8.25	150	Horizontal
3	11000.00	41.72	2.74	54.00	12.28	150	Horizontal
4	11000.00	51.97	2.74	74.00	22.03	150	Horizontal
5	16500.00	54.07	5.09	68.20	14.13	150	Horizontal
6	16500.00	43.55	5.09	54.00	10.45	150	Horizontal
7	17877.17	47.33	8.64	54.00	6.67	150	Horizontal

Final Data List



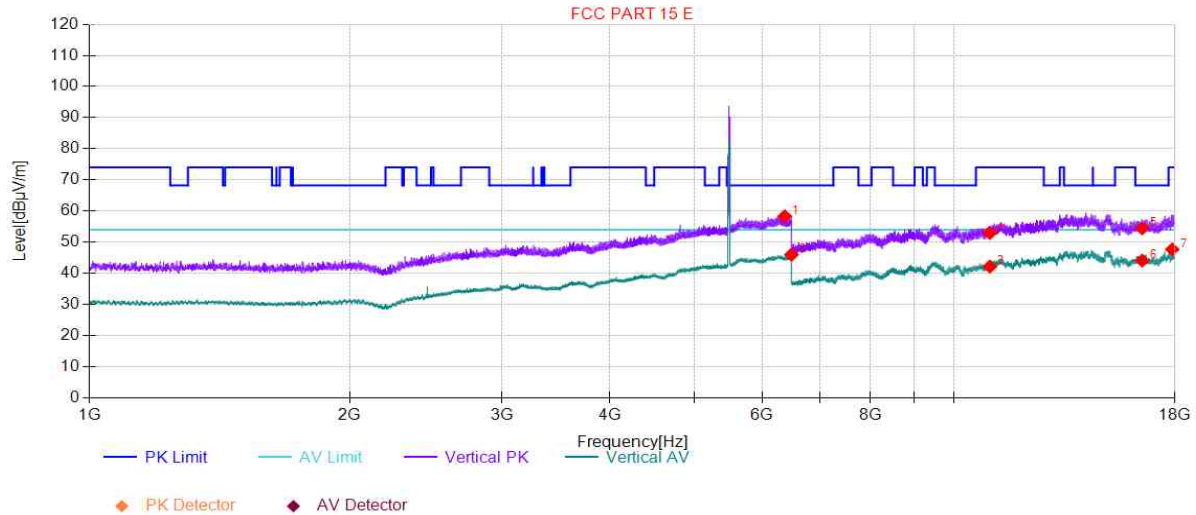
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.14 802.11A_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6370.558	58.30	18.26	68.20	9.90	150	Vertical
2	6484.232	45.93	18.63	54.00	8.07	150	Vertical
3	11000.00	42.14	2.74	54.00	11.86	150	Vertical
4	11000.00	52.95	2.74	74.00	21.05	150	Vertical
5	16500.00	54.43	5.09	68.20	13.77	150	Vertical
6	16500.00	44.06	5.09	54.00	9.94	150	Vertical
7	17875.79	47.66	8.63	54.00	6.34	150	Vertical

Final Data List



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.

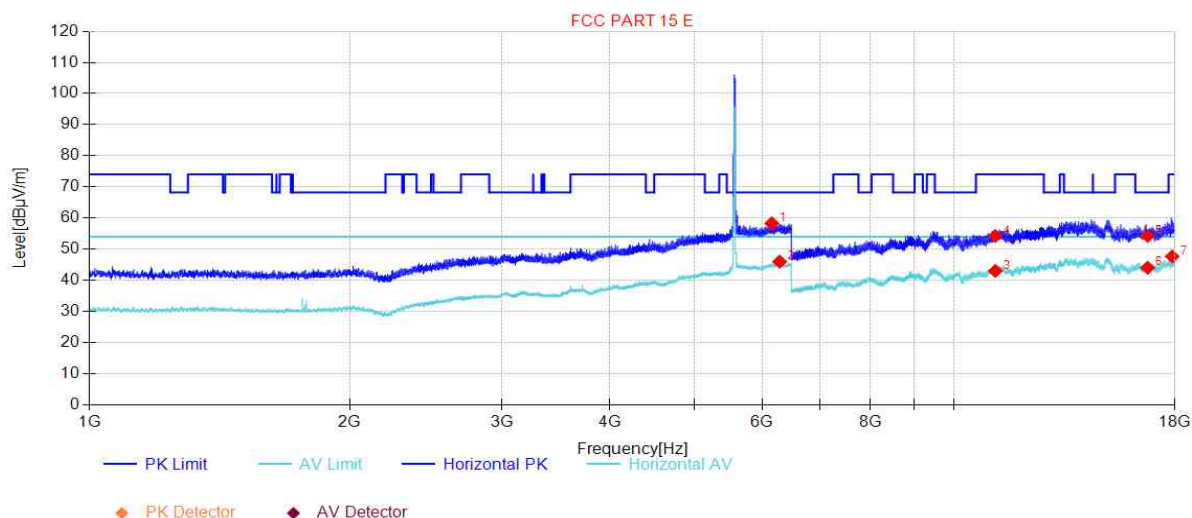
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

4.9.1.15 802.11A_Channel 116

Test Graph



Suspected List

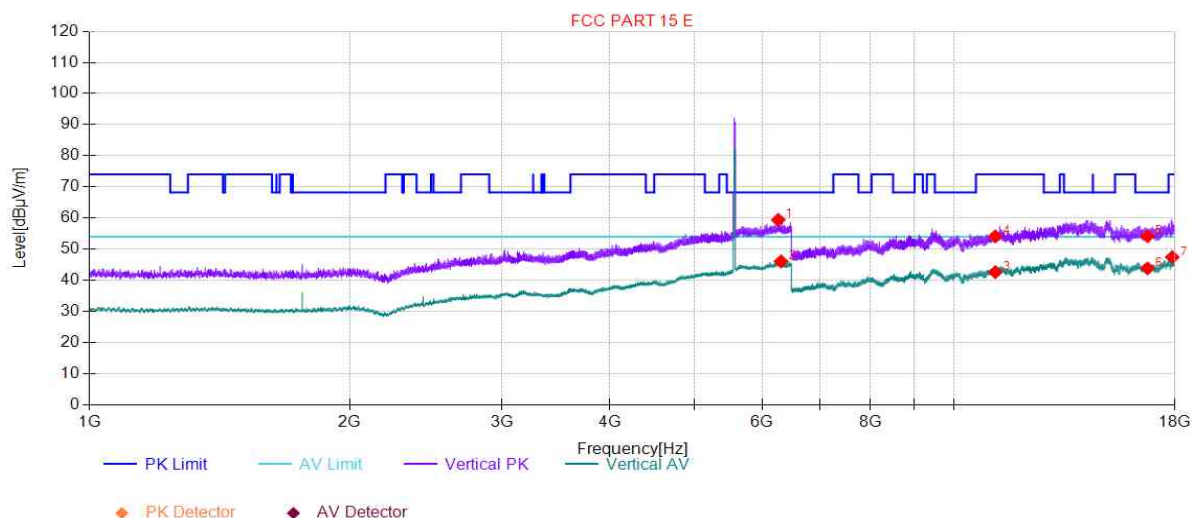
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6154.577	58.27	17.90	68.20	9.93	150	Horizontal
2	6283.285	45.96	18.40	54.00	8.04	150	Horizontal
3	11160.00	42.97	2.54	54.00	11.03	150	Horizontal
4	11160.00	54.24	2.54	74.00	19.76	150	Horizontal
5	16740.00	54.25	5.53	68.20	13.95	150	Horizontal
6	16740.00	44.01	5.53	54.00	9.99	150	Horizontal
7	17874.41	47.62	8.62	54.00	6.38	150	Horizontal

Final Data List



4.9.1.16 802.11A_Channel 116

Test Graph



Suspected List

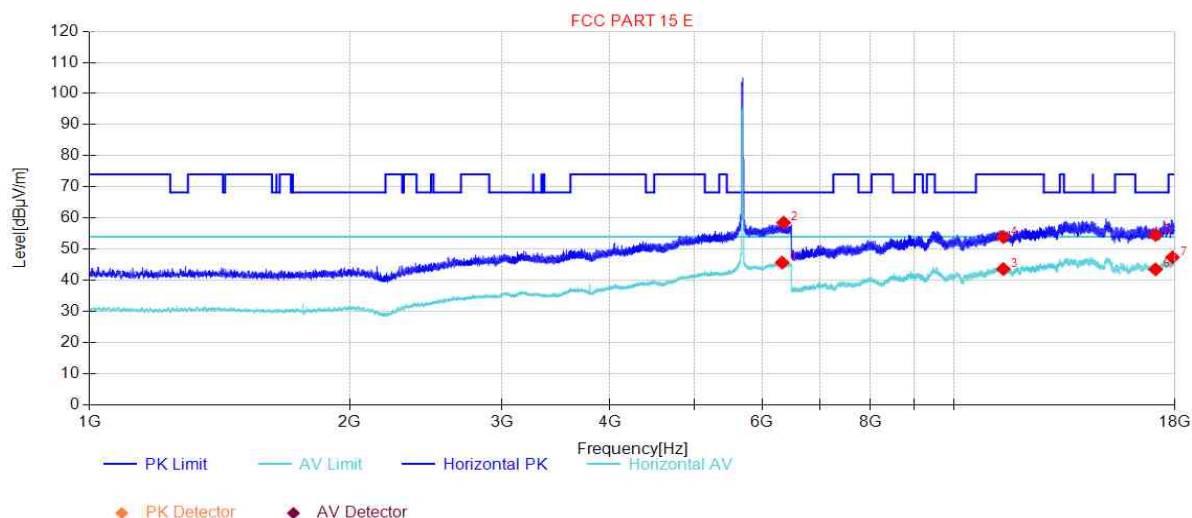
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6261.284	59.40	18.30	68.20	8.80	150	Vertical
2	6307.120	46.04	18.46	54.00	7.96	150	Vertical
3	11160.00	42.60	2.54	54.00	11.40	150	Vertical
4	11160.00	54.07	2.54	74.00	19.93	150	Vertical
5	16740.00	54.14	5.53	68.20	14.06	150	Vertical
6	16740.00	43.79	5.53	54.00	10.21	150	Vertical
7	17876.71	47.41	8.64	54.00	6.59	150	Vertical

Final Data List



4.9.1.17 802.11A_Channel 140

Test Graph



Suspected List

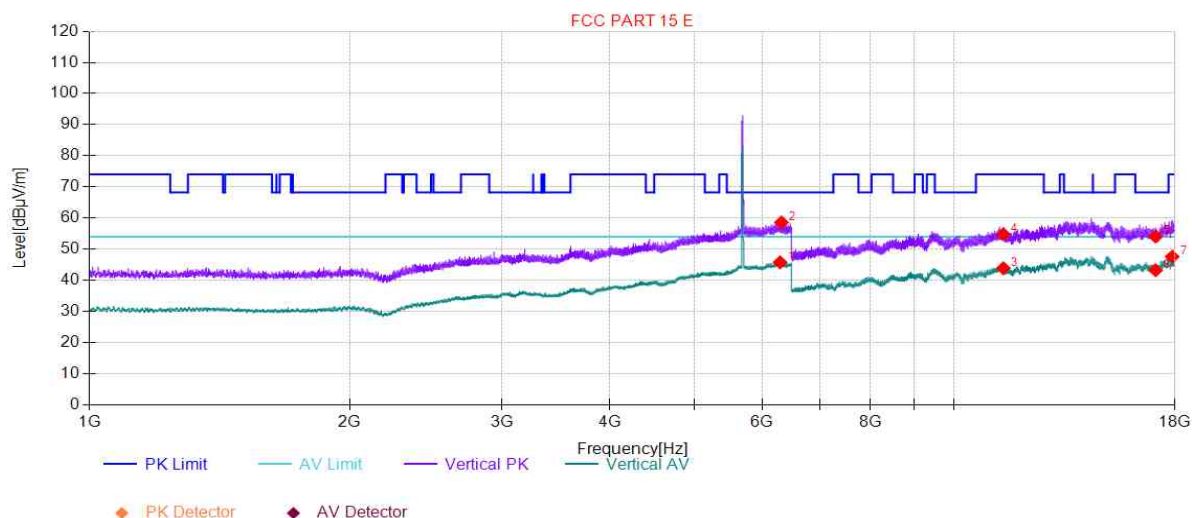
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6326.555	45.67	18.40	54.00	8.33	150	Horizontal
2	6352.223	58.48	18.32	68.20	9.72	150	Horizontal
3	11400.00	43.59	2.54	54.00	10.41	150	Horizontal
4	11400.00	53.91	2.54	74.00	20.09	150	Horizontal
5	17100.00	54.54	5.72	68.20	13.66	150	Horizontal
6	17100.00	43.47	5.72	54.00	10.53	150	Horizontal
7	17888.67	47.39	8.74	54.00	6.61	150	Horizontal

Final Data List



4.9.1.18 802.11A_Channel 140

Test Graph



Suspected List

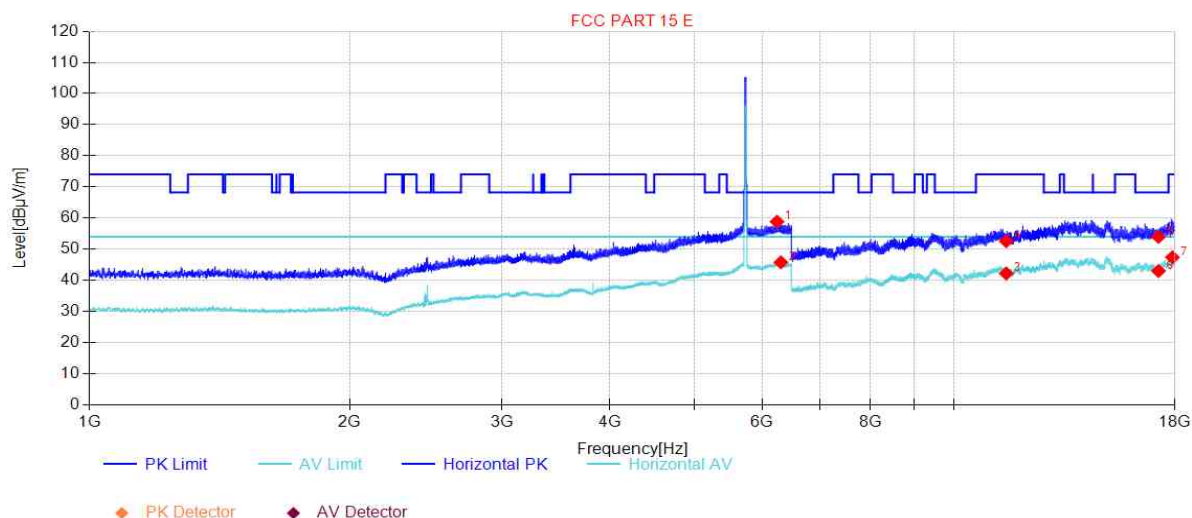
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6290.619	45.74	18.44	54.00	8.26	150	Vertical
2	6314.821	58.57	18.44	68.20	9.63	150	Vertical
3	11400.00	43.84	2.54	54.00	10.16	150	Vertical
4	11400.00	54.76	2.54	74.00	19.24	150	Vertical
5	17100.00	54.03	5.72	68.20	14.17	150	Vertical
6	17100.00	43.21	5.72	54.00	10.79	150	Vertical
7	17875.79	47.56	8.63	54.00	6.44	150	Vertical

Final Data List



4.9.1.19 802.11A_Channel 149

Test Graph



Suspected List

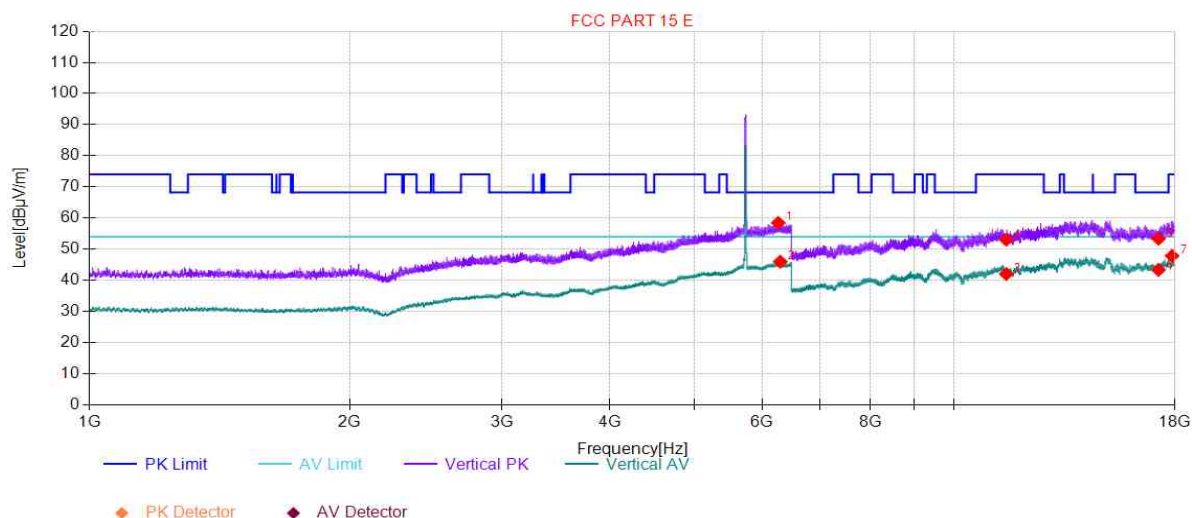
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6240.016	58.81	18.19	68.20	9.39	150	Horizontal
2	6304.553	45.72	18.47	54.00	8.28	150	Horizontal
3	11490.00	42.17	2.10	54.00	11.83	150	Horizontal
4	11490.00	52.56	2.10	74.00	21.44	150	Horizontal
5	17235.00	53.94	6.10	68.20	14.26	150	Horizontal
6	17235.00	42.96	6.10	54.00	11.04	150	Horizontal
7	17883.15	47.37	8.69	54.00	6.63	150	Horizontal

Final Data List



4.9.1.20 802.11A_Channel 149

Test Graph



Suspected List

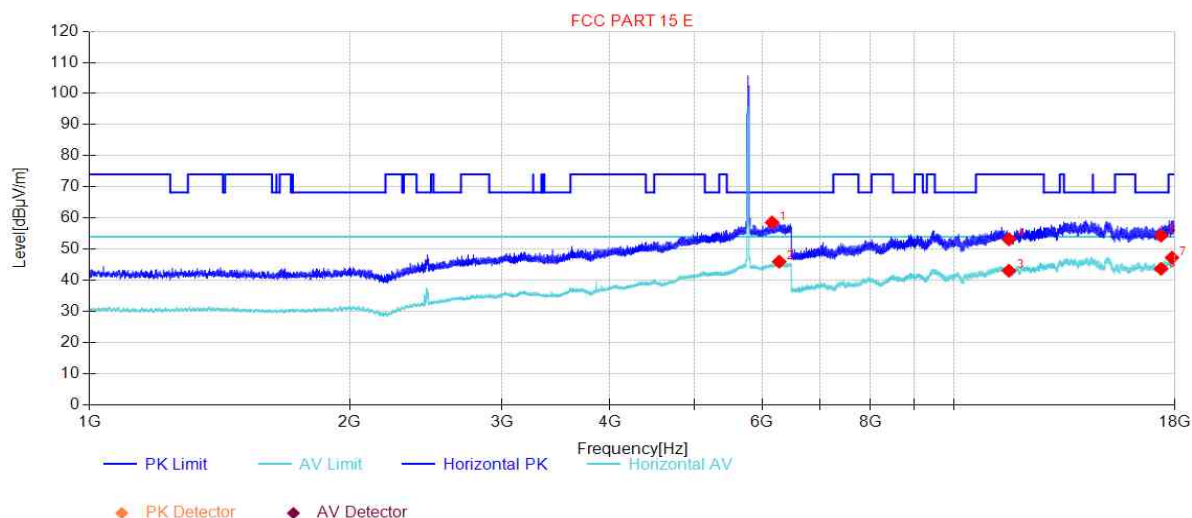
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6261.650	58.43	18.30	68.20	9.77	150	Vertical
2	6294.286	45.95	18.46	54.00	8.05	150	Vertical
3	11490.00	42.00	2.10	54.00	12.00	150	Vertical
4	11490.00	53.01	2.10	74.00	20.99	150	Vertical
5	17235.00	53.37	6.10	68.20	14.83	150	Vertical
6	17235.00	43.33	6.10	54.00	10.67	150	Vertical
7	17870.73	47.82	8.59	54.00	6.18	150	Vertical

Final Data List



4.9.1.21 802.11A_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6158.610	58.57	17.91	68.20	9.63	150	Horizontal
2	6276.318	45.96	18.37	54.00	8.04	150	Horizontal
3	11570.00	43.06	2.92	54.00	10.94	150	Horizontal
4	11570.00	53.14	2.92	74.00	20.86	150	Horizontal
5	17355.00	54.35	6.75	68.20	13.85	150	Horizontal
6	17355.00	43.67	6.75	54.00	10.33	150	Horizontal
7	17863.37	47.27	8.53	54.00	6.73	150	Horizontal

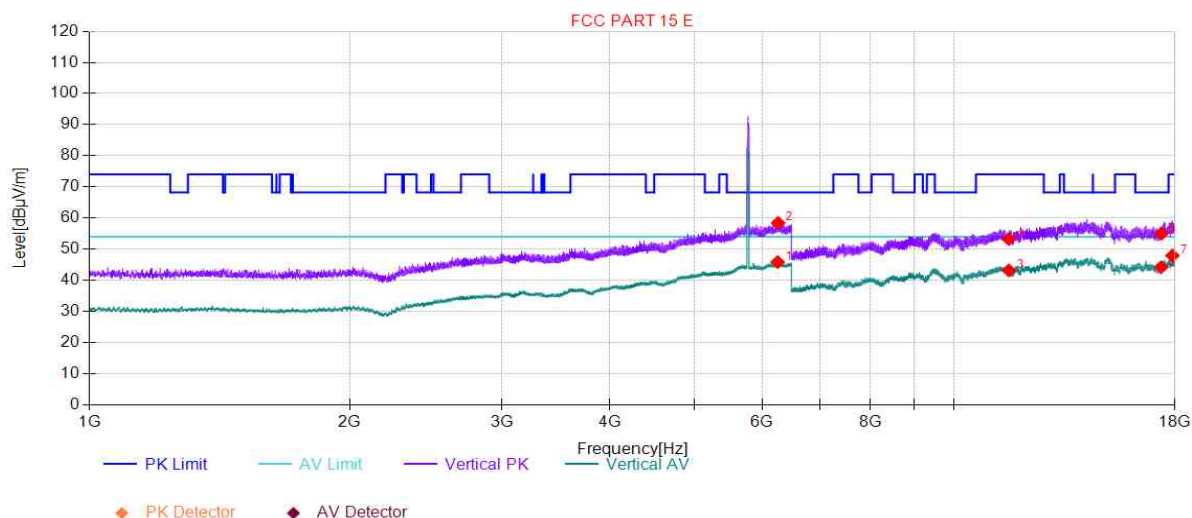
Final Data List



Report No.: AR/2020/B000305
Page: 47 of 397

4.9.1.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6251.383	45.80	18.25	54.00	8.20	150	Vertical
2	6259.450	58.43	18.29	68.20	9.77	150	Vertical
3	11570.00	43.14	2.92	54.00	10.86	150	Vertical
4	11570.00	53.23	2.92	74.00	20.77	150	Vertical
5	17355.00	54.94	6.75	68.20	13.26	150	Vertical
6	17355.00	44.18	6.75	54.00	9.82	150	Vertical
7	17884.99	47.91	8.71	54.00	6.09	150	Vertical

Final Data List



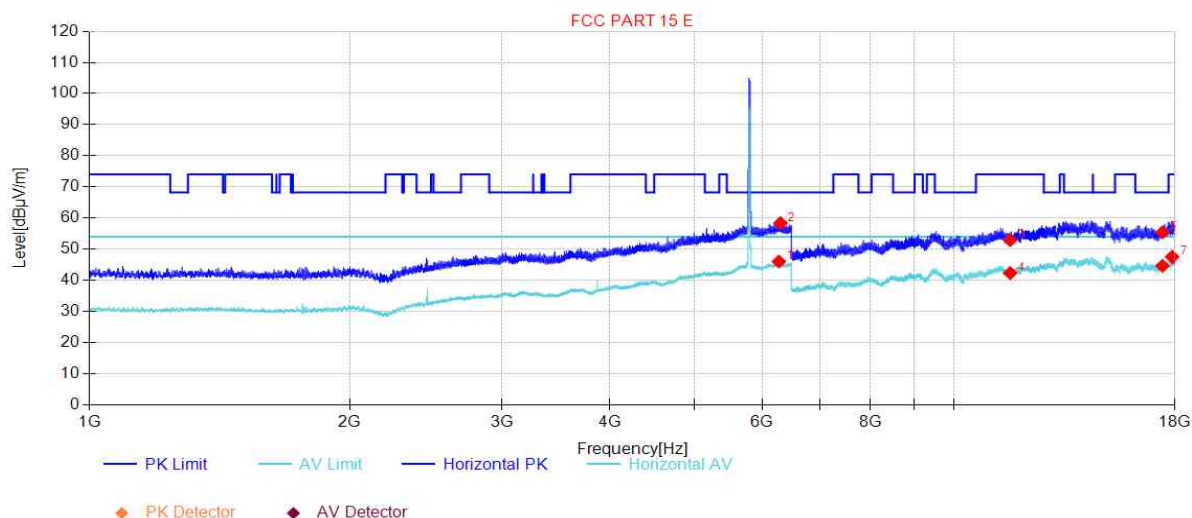
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SGS-CSTC Laboratory)

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

4.9.1.23 802.11A_Channel 161

Test Graph



Suspected List

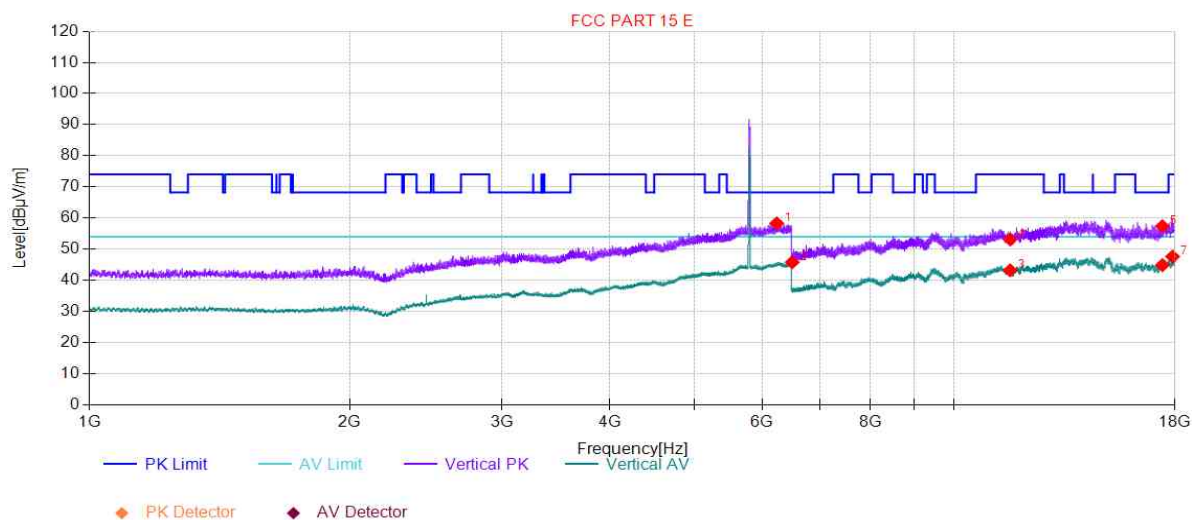
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6271.184	46.00	18.35	54.00	8.00	150	Horizontal
2	6298.686	58.37	18.48	68.20	9.83	150	Horizontal
3	11610.00	52.91	3.14	74.00	21.09	150	Horizontal
4	11610.00	42.29	3.14	54.00	11.71	150	Horizontal
5	17415.00	55.36	6.97	68.20	12.84	150	Horizontal
6	17415.00	44.61	6.97	54.00	9.39	150	Horizontal
7	17873.95	47.53	8.62	54.00	6.47	150	Horizontal

Final Data List



4.9.1.24 802.11A_Channel 161

Test Graph



Suspected List

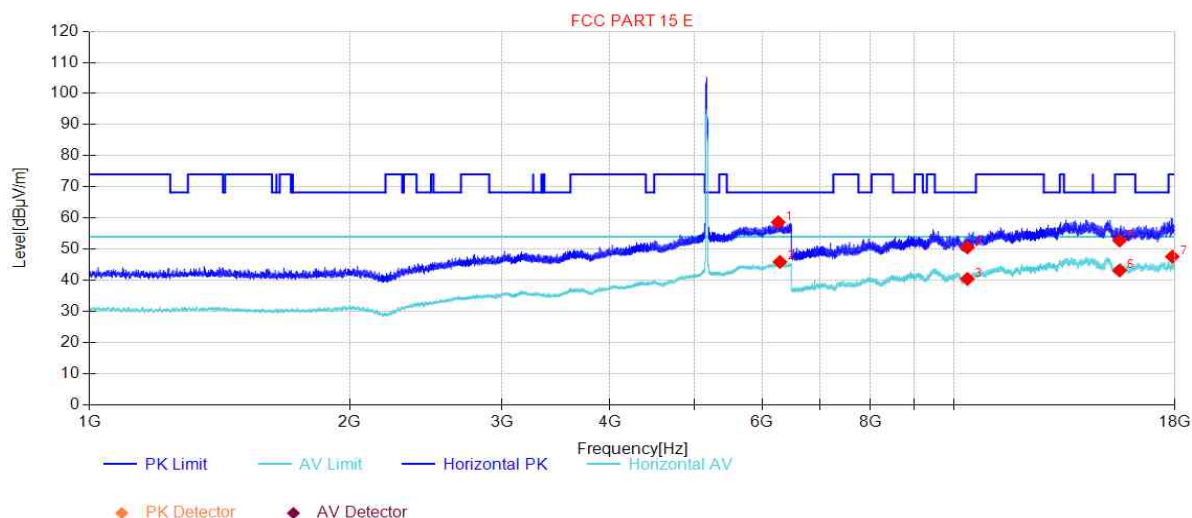
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6234.515	58.29	18.17	68.20	9.91	150	Vertical
2	6498.166	45.78	18.70	54.00	8.22	150	Vertical
3	11610.00	43.16	3.14	54.00	10.84	150	Vertical
4	11610.00	53.10	3.14	74.00	20.90	150	Vertical
5	17415.00	57.36	6.97	68.20	10.84	150	Vertical
6	17415.00	44.85	6.97	54.00	9.15	150	Vertical
7	17894.19	47.60	8.78	54.00	6.40	150	Vertical

Final Data List



4.9.1.25 802.11N20_Channel 36

Test Graph



Suspected List

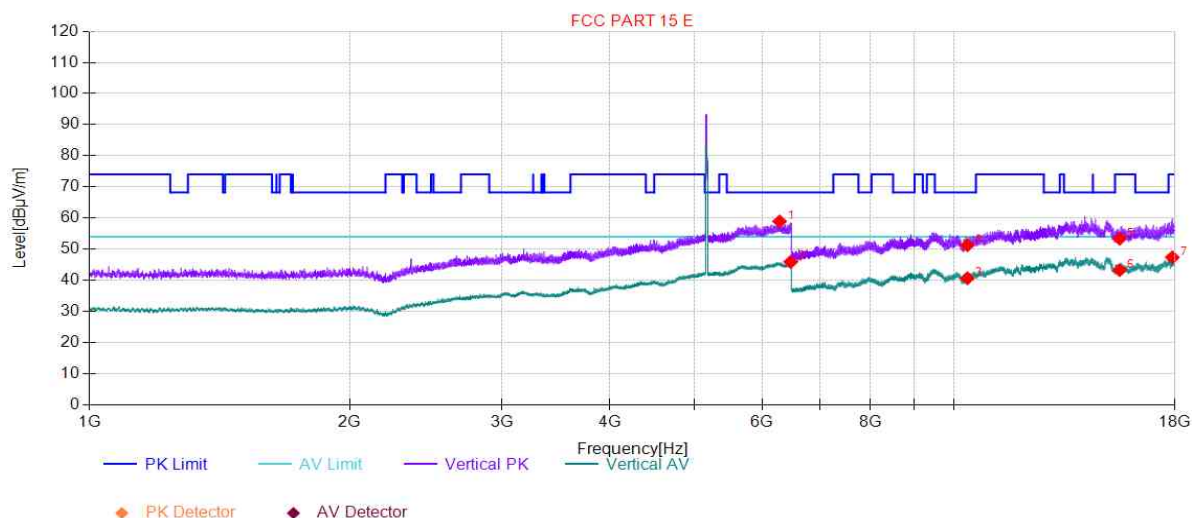
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6260.917	58.63	18.30	68.20	9.57	150	Horizontal
2	6288.785	45.88	18.43	54.00	8.12	150	Horizontal
3	10360.00	40.40	2.38	54.00	13.60	150	Horizontal
4	10360.00	50.53	2.38	68.20	17.67	150	Horizontal
5	15540.00	52.74	5.88	74.00	21.26	150	Horizontal
6	15540.00	43.11	5.88	54.00	10.89	150	Horizontal
7	17881.77	47.57	8.68	54.00	6.43	150	Horizontal

Final Data List



4.9.1.26 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6283.285	58.89	18.40	68.20	9.31	150	Vertical
2	6471.031	45.90	18.55	54.00	8.10	150	Vertical
3	10360.00	40.62	2.38	54.00	13.38	150	Vertical
4	10360.00	51.24	2.38	68.20	16.96	150	Vertical
5	15540.00	53.33	5.88	74.00	20.67	150	Vertical
6	15540.00	43.23	5.88	54.00	10.77	150	Vertical
7	17879.47	47.35	8.66	54.00	6.65	150	Vertical

Final Data List

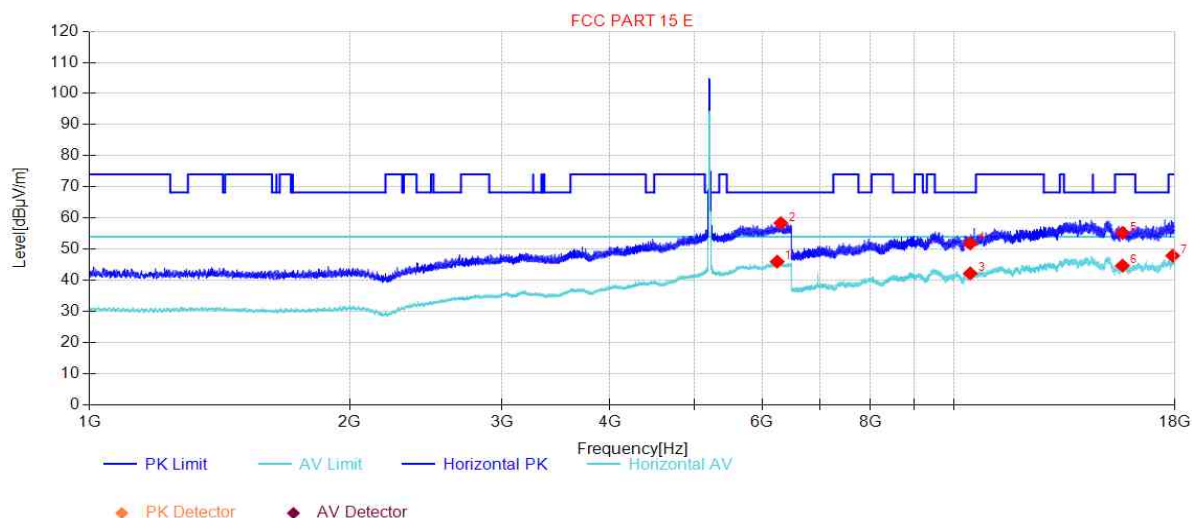


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.27 802.11N20_Channel 44

Test Graph



Suspected List

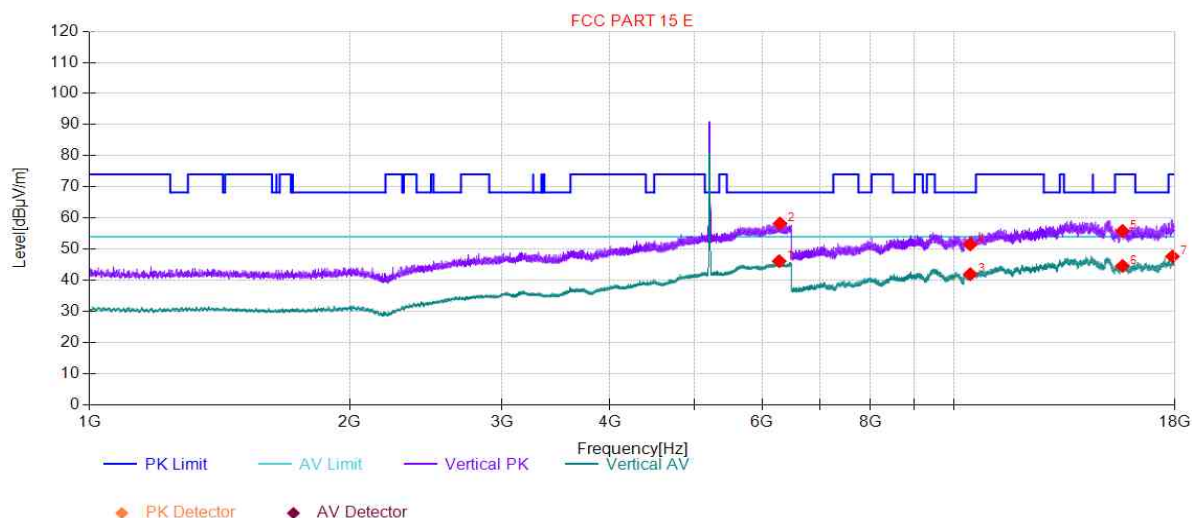
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6242.216	45.94	18.20	54.00	8.06	150	Horizontal
2	6304.186	58.34	18.47	68.20	9.86	150	Horizontal
3	10440.00	42.19	2.46	54.00	11.81	150	Horizontal
4	10440.00	51.83	2.46	68.20	16.37	150	Horizontal
5	15660.00	55.22	6.12	74.00	18.78	150	Horizontal
6	15660.00	44.66	6.12	54.00	9.34	150	Horizontal
7	17900.63	47.87	8.83	54.00	6.13	150	Horizontal

Final Data List



4.9.1.28 802.11N20_Channel 44

Test Graph



Suspected List

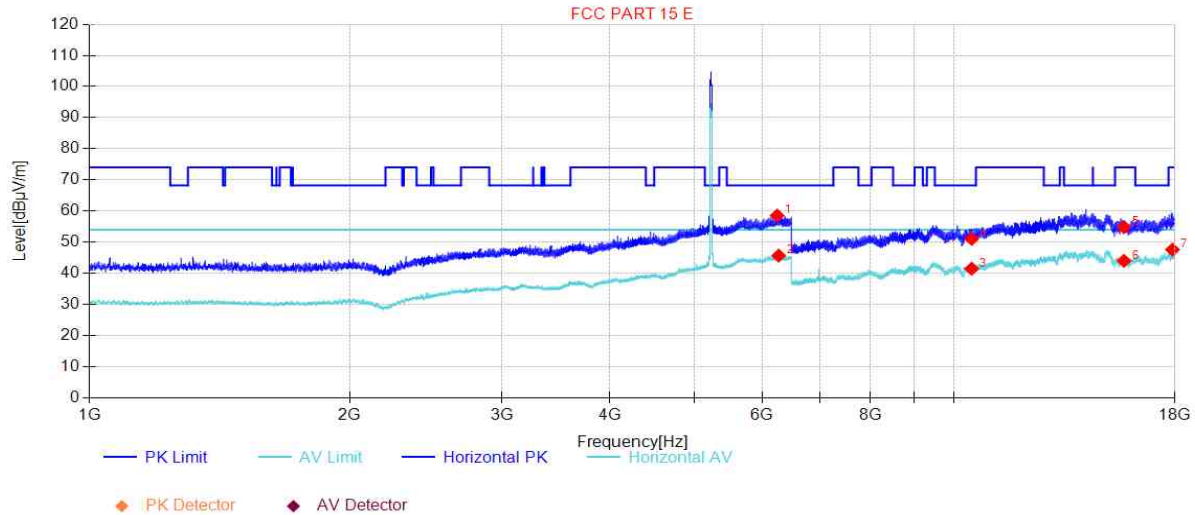
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6276.685	46.11	18.37	54.00	7.89	150	Vertical
2	6290.619	58.21	18.44	68.20	9.99	150	Vertical
3	10440.00	41.94	2.46	54.00	12.06	150	Vertical
4	10440.00	51.53	2.46	68.20	16.67	150	Vertical
5	15660.00	55.83	6.12	74.00	18.17	150	Vertical
6	15660.00	44.56	6.12	54.00	9.44	150	Vertical
7	17886.37	47.62	8.72	54.00	6.38	150	Vertical

Final Data List



4.9.1.29 802.11N20_Channel 48

Test Graph



Suspected List

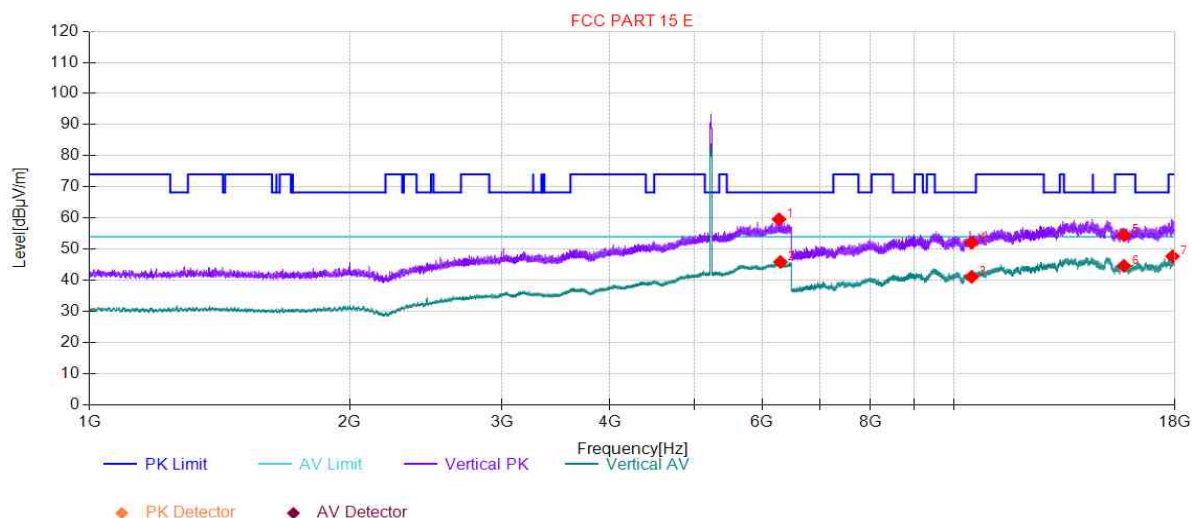
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6241.116	58.53	18.20	68.20	9.67	150	Horizontal
2	6267.151	45.65	18.33	54.00	8.35	150	Horizontal
3	10480.00	41.45	2.49	54.00	12.55	150	Horizontal
4	10480.00	51.04	2.49	68.20	17.16	150	Horizontal
5	15720.00	54.80	5.92	74.00	19.20	150	Horizontal
6	15720.00	43.97	5.92	54.00	10.03	150	Horizontal
7	17888.21	47.55	8.74	54.00	6.45	150	Horizontal

Final Data List



4.9.1.30 802.11N20_Channel 48

Test Graph



Suspected List

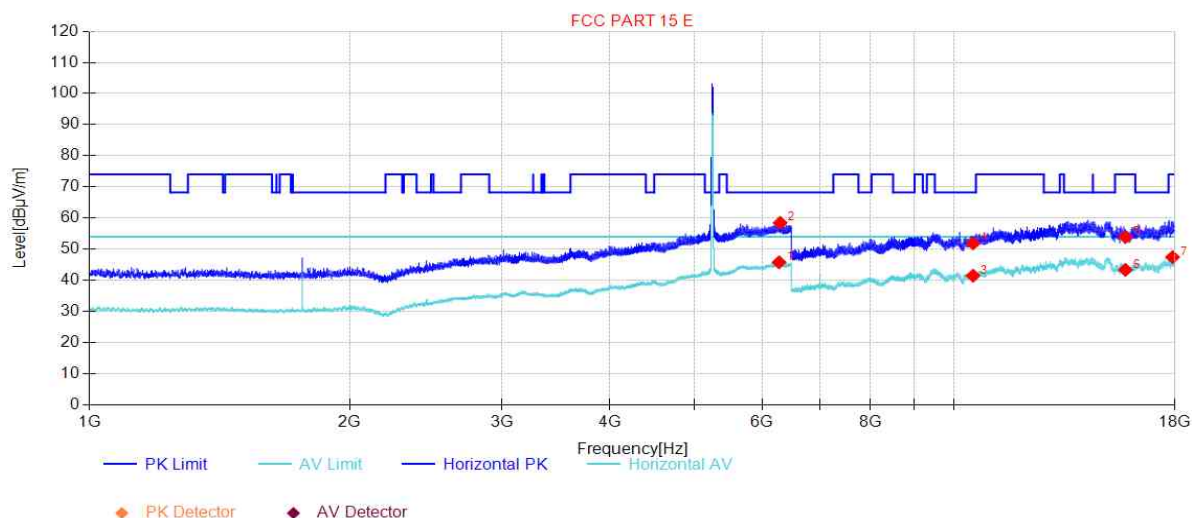
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6273.384	59.57	18.36	68.20	8.63	150	Vertical
2	6296.486	45.85	18.47	54.00	8.15	150	Vertical
3	10480.00	41.09	2.49	54.00	12.91	150	Vertical
4	10480.00	52.07	2.49	68.20	16.13	150	Vertical
5	15720.00	54.49	5.92	74.00	19.51	150	Vertical
6	15720.00	44.59	5.92	54.00	9.41	150	Vertical
7	17890.97	47.67	8.76	54.00	6.33	150	Vertical

Final Data List



4.9.1.31 802.11N20_Channel 52

Test Graph



Suspected List

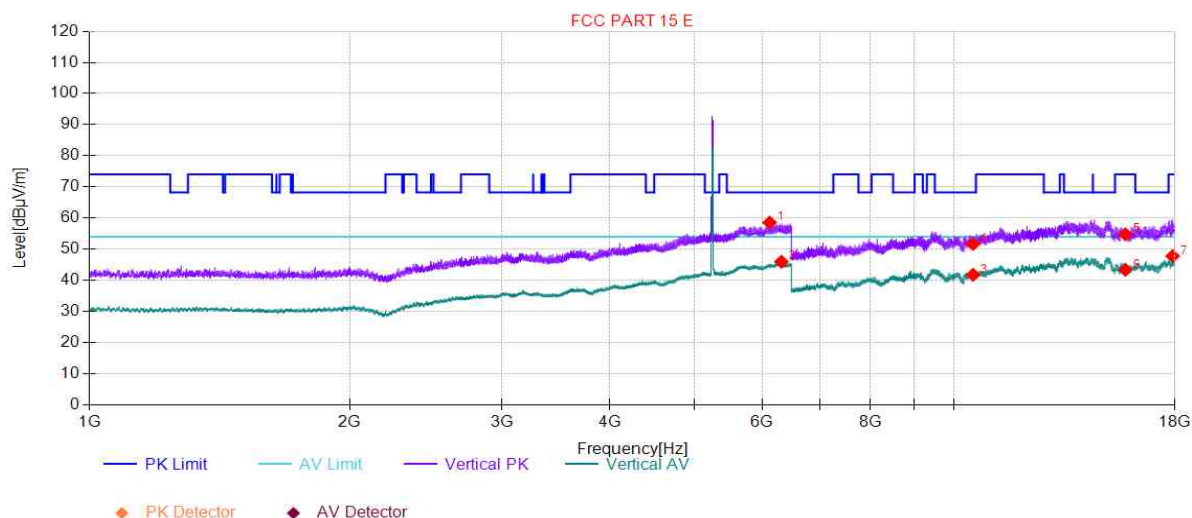
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6275.218	45.75	18.36	54.00	8.25	150	Horizontal
2	6292.452	58.43	18.45	68.20	9.77	150	Horizontal
3	10520.00	41.45	2.45	54.00	12.55	150	Horizontal
4	10520.00	51.85	2.45	68.20	16.35	150	Horizontal
5	15780.00	53.87	5.30	74.00	20.13	150	Horizontal
6	15780.00	43.32	5.30	54.00	10.68	150	Horizontal
7	17890.97	47.43	8.76	54.00	6.57	150	Horizontal

Final Data List



4.9.1.32 802.11N20_Channel 52

Test Graph



Suspected List

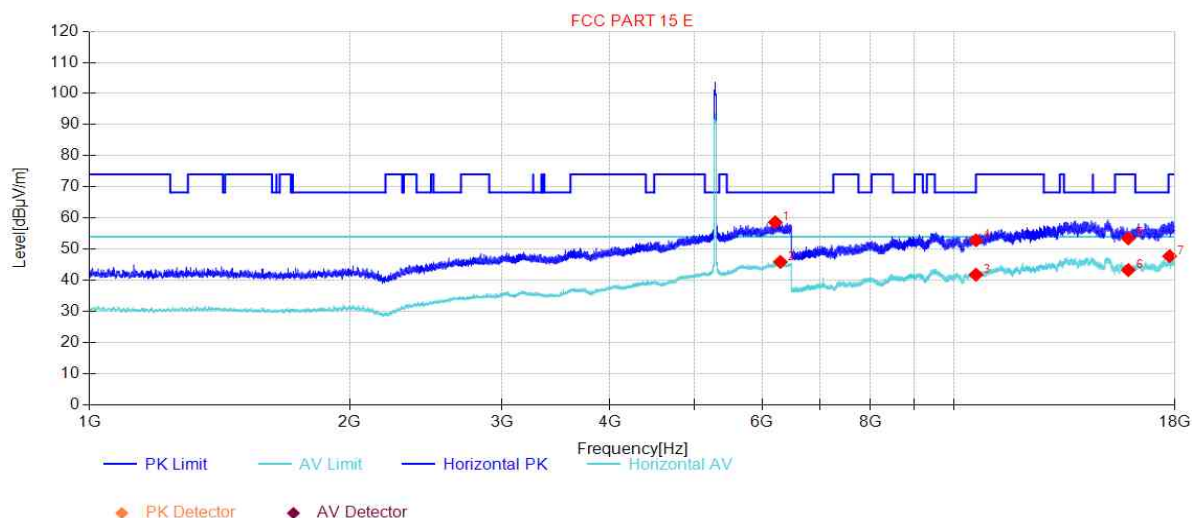
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6119.007	58.54	17.82	68.20	9.66	150	Vertical
2	6314.087	45.93	18.44	54.00	8.07	150	Vertical
3	10520.00	41.75	2.45	54.00	12.25	150	Vertical
4	10520.00	51.67	2.45	68.20	16.53	150	Vertical
5	15780.00	54.74	5.30	74.00	19.26	150	Vertical
6	15780.00	43.35	5.30	54.00	10.65	150	Vertical
7	17895.57	47.75	8.80	54.00	6.25	150	Vertical

Final Data List



4.9.1.33 802.11N20_Channel 60

Test Graph



Suspected List

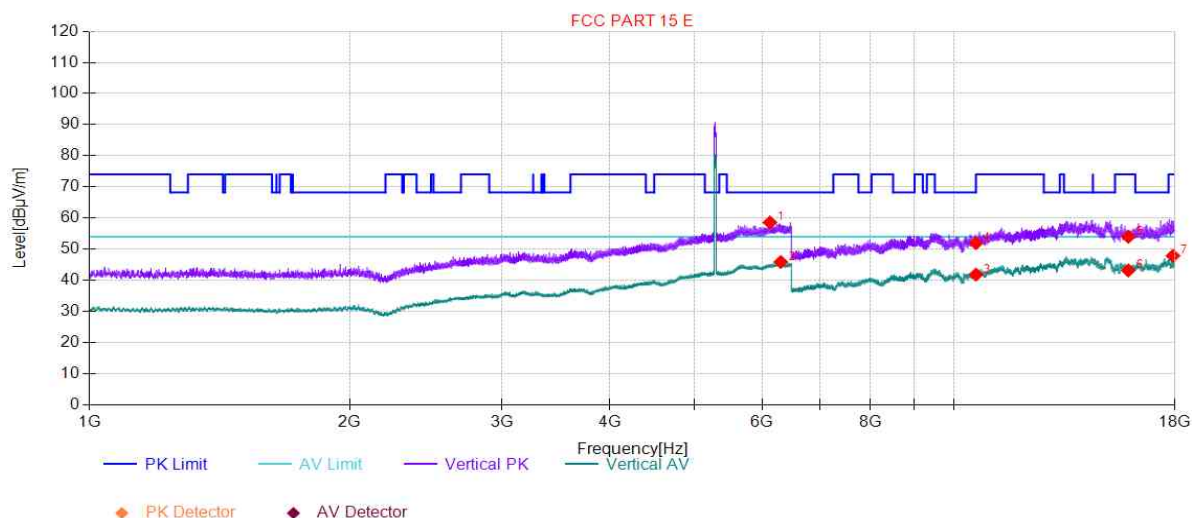
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6209.947	58.62	18.05	68.20	9.58	150	Horizontal
2	6295.753	45.86	18.46	54.00	8.14	150	Horizontal
3	10600.00	41.77	2.23	54.00	12.23	150	Horizontal
4	10600.00	52.83	2.23	74.00	21.17	150	Horizontal
5	15900.00	53.44	5.29	74.00	20.56	150	Horizontal
6	15900.00	43.25	5.29	54.00	10.75	150	Horizontal
7	17751.59	47.74	7.79	54.00	6.26	150	Horizontal

Final Data List



4.9.1.34 802.11N20_Channel 60

Test Graph



Suspected List

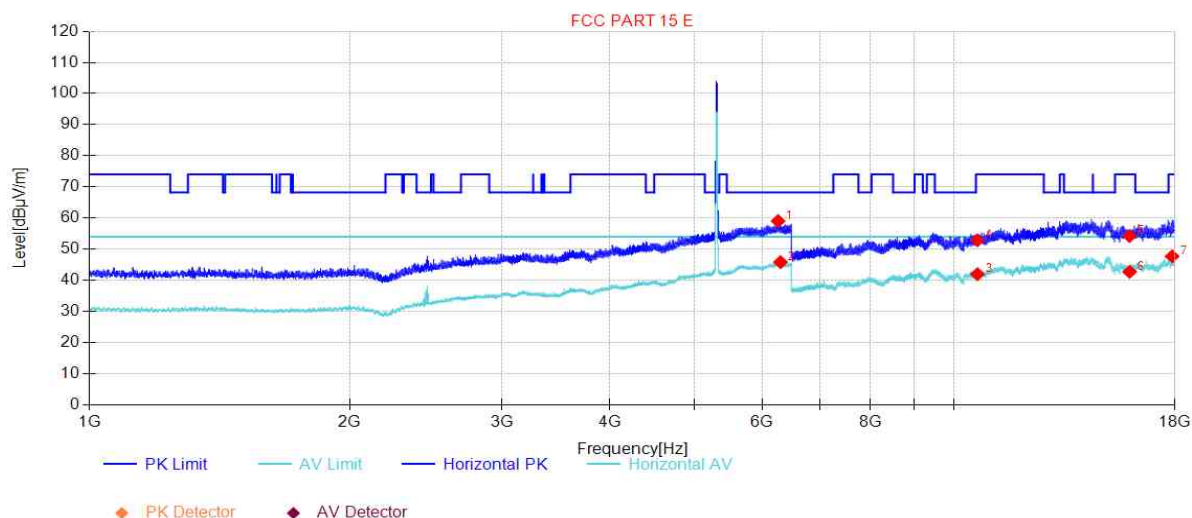
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6123.774	58.57	17.83	68.20	9.63	150	Vertical
2	6302.353	45.85	18.48	54.00	8.15	150	Vertical
3	10600.00	41.80	2.23	54.00	12.20	150	Vertical
4	10600.00	51.93	2.23	74.00	22.07	150	Vertical
5	15900.00	53.98	5.29	74.00	20.02	150	Vertical
6	15900.00	43.13	5.29	54.00	10.87	150	Vertical
7	17911.67	47.84	8.74	54.00	6.16	150	Vertical

Final Data List



4.9.1.35 802.11N20_Channel 64

Test Graph



Suspected List

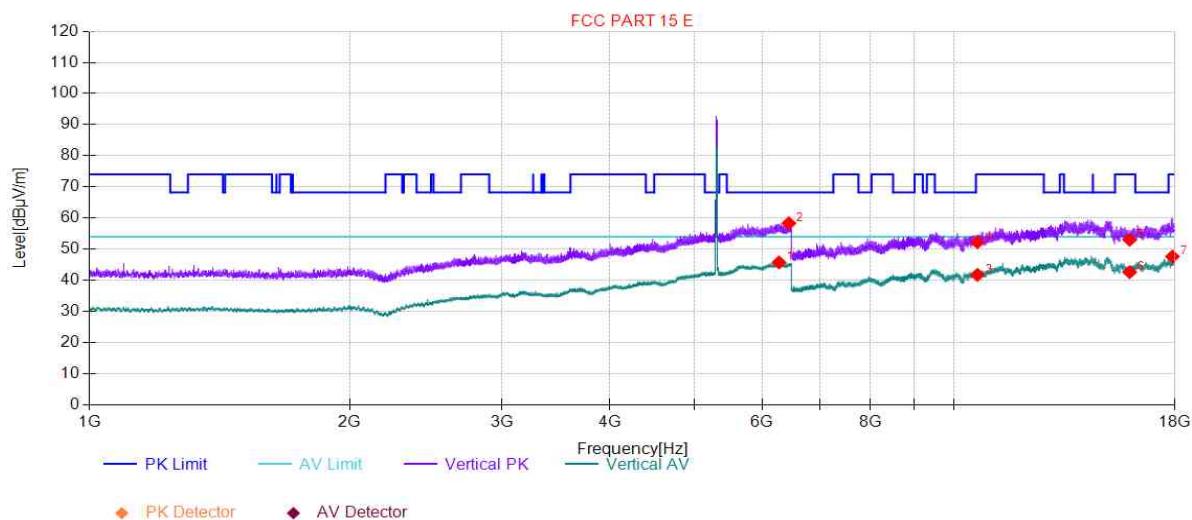
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6258.350	59.02	18.28	68.20	9.18	150	Horizontal
2	6298.319	45.80	18.48	54.00	8.20	150	Horizontal
3	10640.00	41.93	2.22	54.00	12.07	150	Horizontal
4	10640.00	52.83	2.22	74.00	21.17	150	Horizontal
5	15960.00	54.22	5.01	74.00	19.78	150	Horizontal
6	15960.00	42.71	5.01	54.00	11.29	150	Horizontal
7	17873.03	47.68	8.61	54.00	6.32	150	Horizontal

Final Data List



4.9.1.36 802.11N20_Channel 64

Test Graph



Suspected List

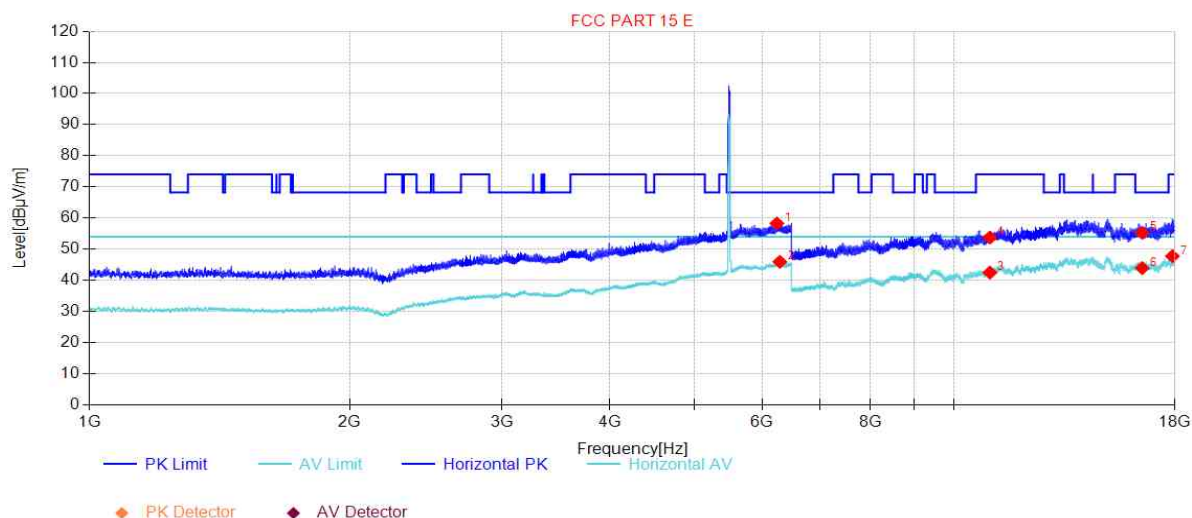
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6273.384	45.69	18.36	54.00	8.31	150	Vertical
2	6439.862	58.30	18.38	68.20	9.90	150	Vertical
3	10640.00	41.73	2.22	54.00	12.27	150	Vertical
4	10640.00	52.21	2.22	74.00	21.79	150	Vertical
5	15960.00	53.00	5.01	74.00	21.00	150	Vertical
6	15960.00	42.59	5.01	54.00	11.41	150	Vertical
7	17887.29	47.61	8.73	54.00	6.39	150	Vertical

Final Data List



4.9.1.37 802.11N20_Channel 100

Test Graph



Suspected List

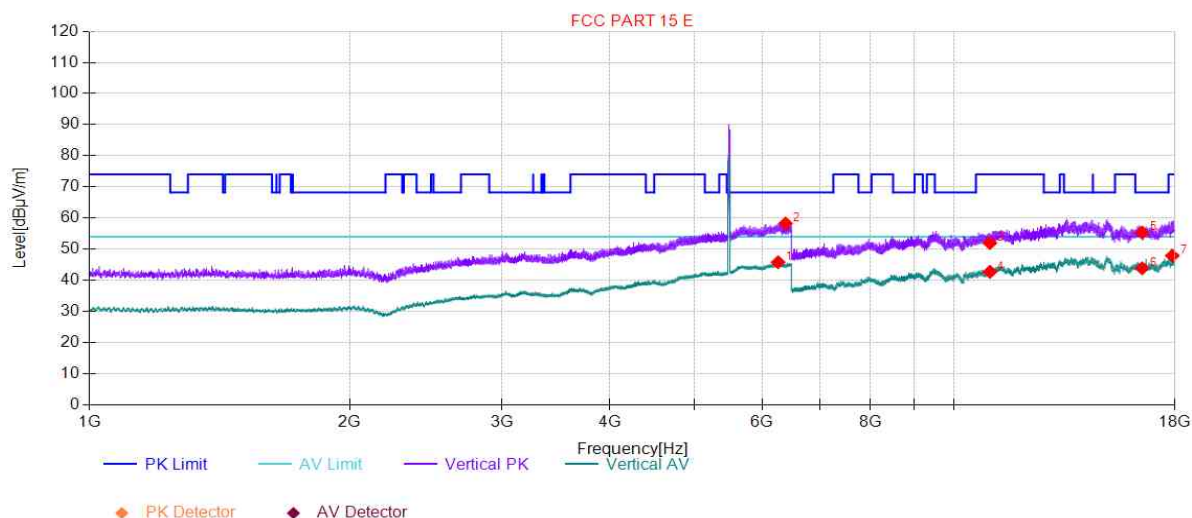
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6237.815	58.26	18.18	68.20	9.94	150	Horizontal
2	6286.952	45.91	18.42	54.00	8.09	150	Horizontal
3	11000.00	42.45	2.74	54.00	11.55	150	Horizontal
4	11000.00	53.71	2.74	74.00	20.29	150	Horizontal
5	16500.00	55.28	5.09	68.20	12.92	150	Horizontal
6	16500.00	43.88	5.09	54.00	10.12	150	Horizontal
7	17885.45	47.74	8.71	54.00	6.26	150	Horizontal

Final Data List



4.9.1.38 802.11N20_Channel 100

Test Graph



Suspected List

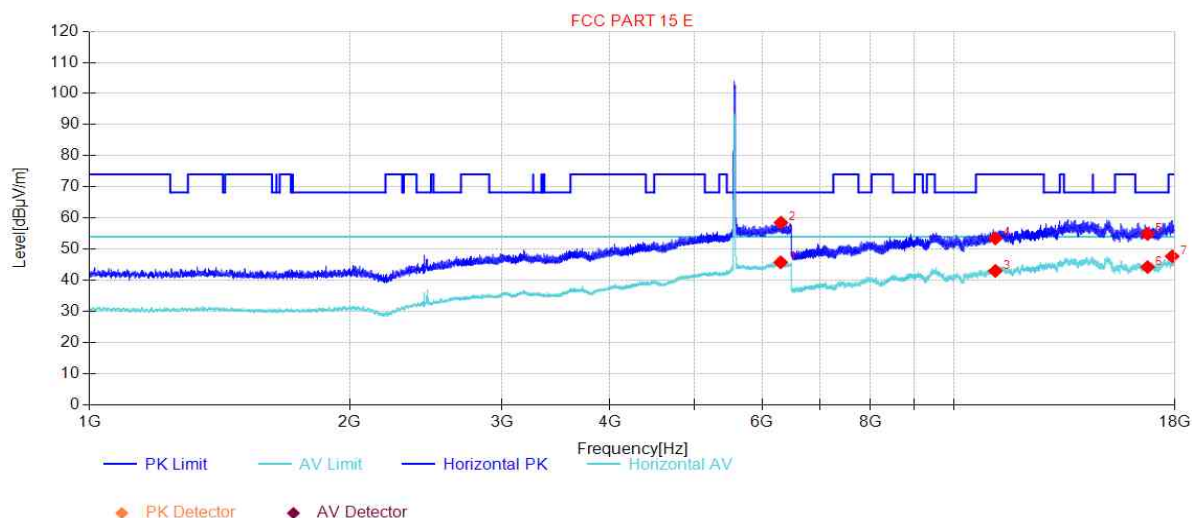
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6259.083	45.77	18.29	54.00	8.23	150	Vertical
2	6383.758	58.24	18.21	68.20	9.96	150	Vertical
3	11000.00	51.95	2.74	74.00	22.05	150	Vertical
4	11000.00	42.69	2.74	54.00	11.31	150	Vertical
5	16500.00	55.32	5.09	68.20	12.88	150	Vertical
6	16500.00	43.83	5.09	54.00	10.17	150	Vertical
7	17879.01	47.90	8.66	54.00	6.10	150	Vertical

Final Data List



4.9.1.39 802.11N20_Channel 116

Test Graph



Suspected List

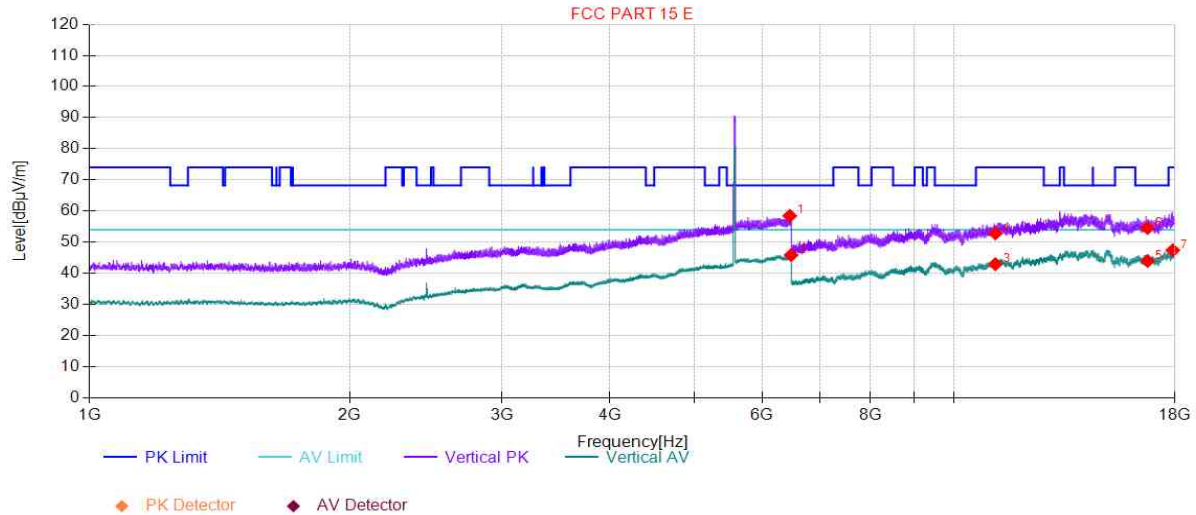
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6301.620	45.73	18.48	54.00	8.27	150	Horizontal
2	6305.653	58.49	18.47	68.20	9.71	150	Horizontal
3	11160.00	42.97	2.54	54.00	11.03	150	Horizontal
4	11160.00	53.44	2.54	74.00	20.56	150	Horizontal
5	16740.00	54.85	5.53	68.20	13.35	150	Horizontal
6	16740.00	44.23	5.53	54.00	9.77	150	Horizontal
7	17875.79	47.67	8.63	54.00	6.33	150	Horizontal

Final Data List



4.9.1.40 802.11N20_Channel 116

Test Graph



Suspected List

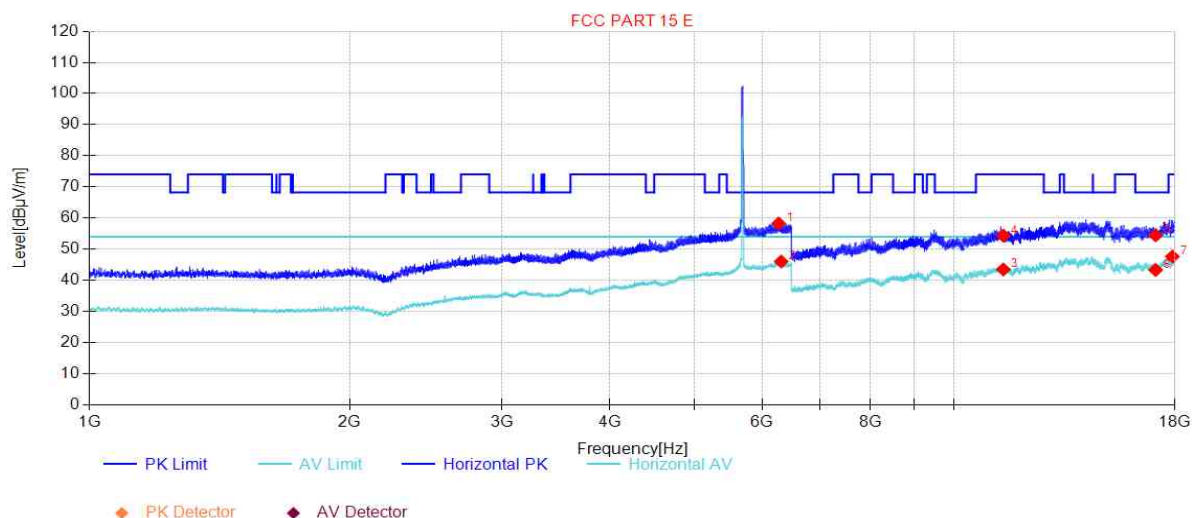
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.997	58.45	18.47	68.20	9.75	150	Vertical
2	6479.465	45.82	18.60	54.00	8.18	150	Vertical
3	11160.00	42.90	2.54	54.00	11.10	150	Vertical
4	11160.00	52.81	2.54	74.00	21.19	150	Vertical
5	16740.00	43.93	5.53	54.00	10.07	150	Vertical
6	16740.00	54.53	5.53	68.20	13.67	150	Vertical
7	17903.85	47.38	8.80	54.00	6.62	150	Vertical

Final Data List



4.9.1.41 802.11N20_Channel 140

Test Graph



Suspected List

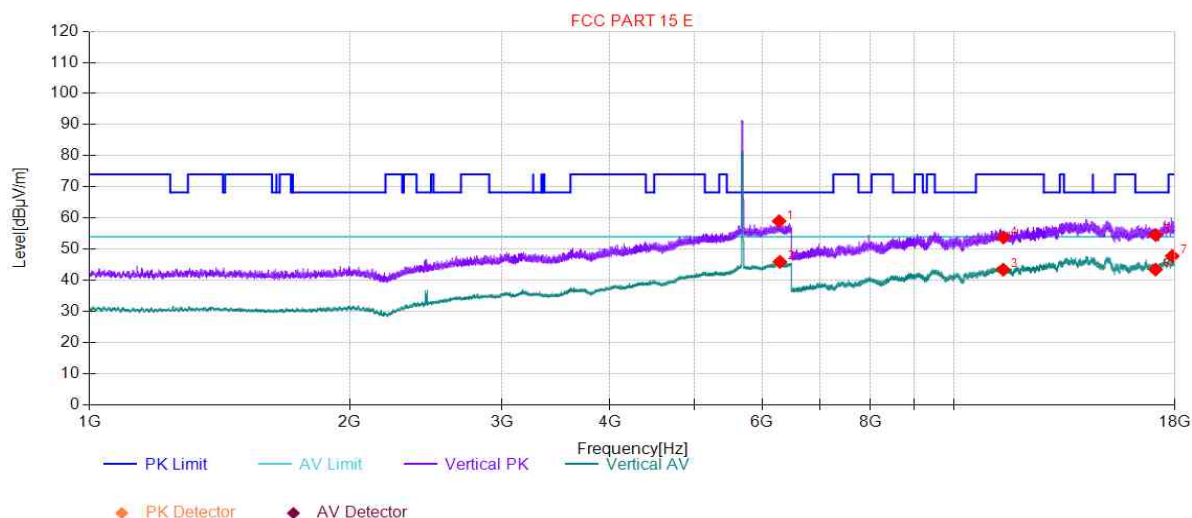
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6267.151	58.24	18.33	68.20	9.96	150	Horizontal
2	6309.687	46.02	18.45	54.00	7.98	150	Horizontal
3	11400.00	43.45	2.54	54.00	10.55	150	Horizontal
4	11400.00	54.33	2.54	74.00	19.67	150	Horizontal
5	17100.00	54.43	5.72	68.20	13.77	150	Horizontal
6	17100.00	43.29	5.72	54.00	10.71	150	Horizontal
7	17882.23	47.59	8.69	54.00	6.41	150	Horizontal

Final Data List



4.9.1.42 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6274.485	58.97	18.36	68.20	9.23	150	Vertical
2	6288.785	45.90	18.43	54.00	8.10	150	Vertical
3	11400.00	43.39	2.54	54.00	10.61	150	Vertical
4	11400.00	53.75	2.54	74.00	20.25	150	Vertical
5	17100.00	54.52	5.72	68.20	13.68	150	Vertical
6	17100.00	43.42	5.72	54.00	10.58	150	Vertical
7	17877.63	47.77	8.65	54.00	6.23	150	Vertical

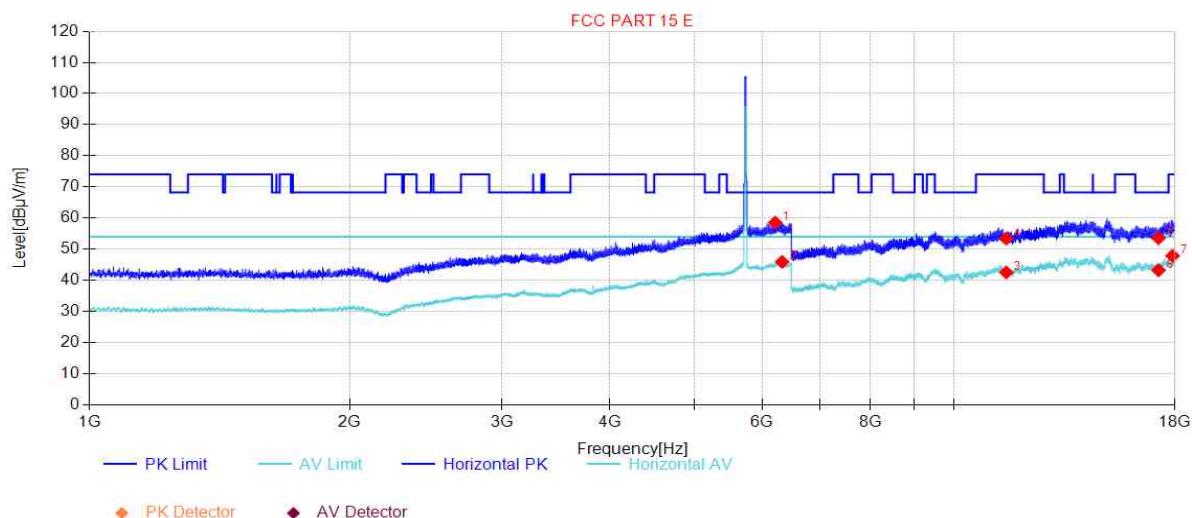
Final Data List



Report No.: AR/2020/B000305
Page: 68 of 397

4.9.1.43 802.11N20_Channel 149

Test Graph



Suspected List

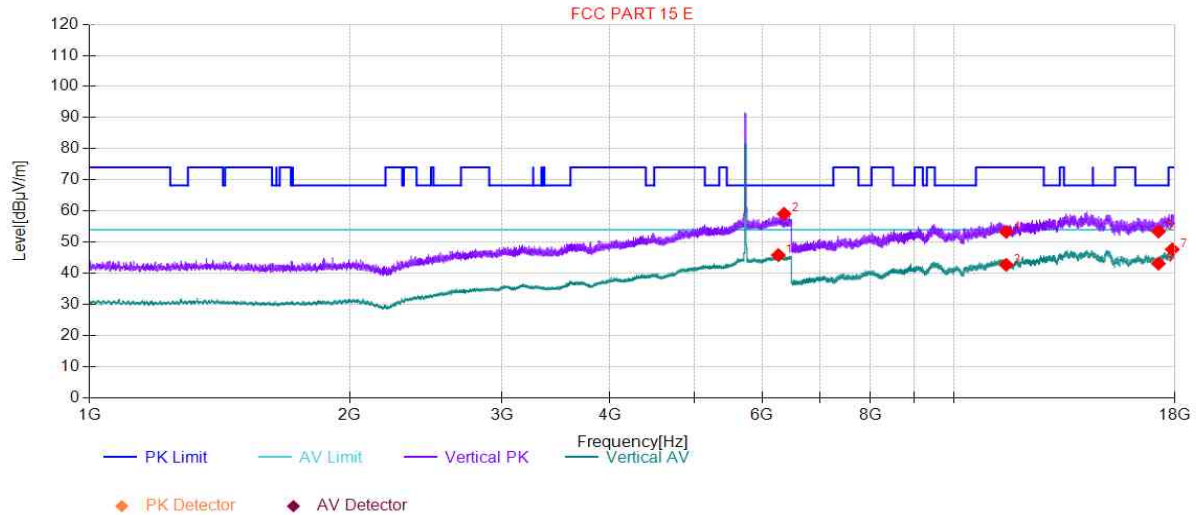
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6210.314	58.52	18.05	68.20	9.68	150	Horizontal
2	6325.088	45.89	18.40	54.00	8.11	150	Horizontal
3	11490.00	42.50	2.10	54.00	11.50	150	Horizontal
4	11490.00	53.35	2.10	74.00	20.65	150	Horizontal
5	17235.00	53.55	6.10	68.20	14.65	150	Horizontal
6	17235.00	43.23	6.10	54.00	10.77	150	Horizontal
7	17891.89	47.83	8.77	54.00	6.17	150	Horizontal

Final Data List



4.9.1.44 802.11N20_Channel 149

Test Graph



Suspected List

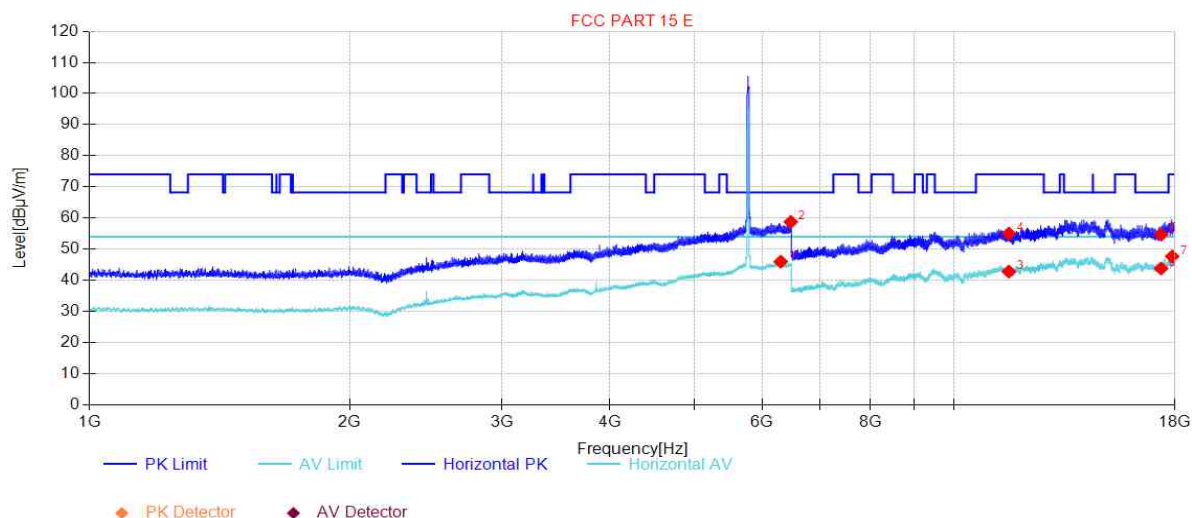
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6262.750	45.82	18.30	54.00	8.18	150	Vertical
2	6358.457	59.07	18.30	68.20	9.13	150	Vertical
3	11490.00	42.68	2.10	54.00	11.32	150	Vertical
4	11490.00	53.27	2.10	74.00	20.73	150	Vertical
5	17235.00	53.41	6.10	68.20	14.79	150	Vertical
6	17235.00	43.09	6.10	54.00	10.91	150	Vertical
7	17879.47	47.67	8.66	54.00	6.33	150	Vertical

Final Data List



4.9.1.45 802.11N20_Channel 157

Test Graph



Suspected List

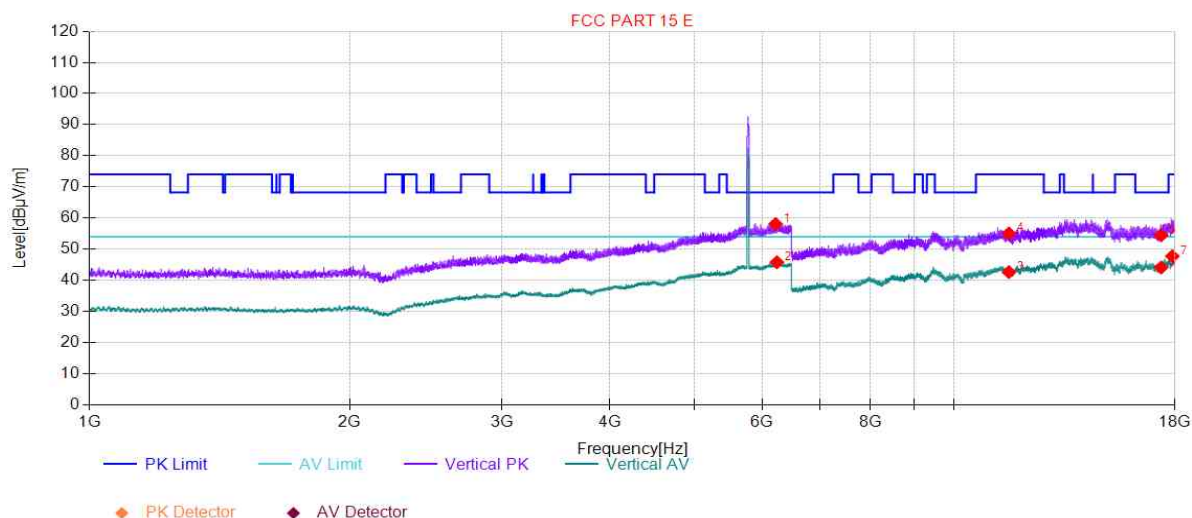
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6302.353	45.96	18.48	54.00	8.04	150	Horizontal
2	6472.864	58.73	18.56	68.20	9.47	150	Horizontal
3	11570.00	42.78	2.92	54.00	11.22	150	Horizontal
4	11570.00	54.97	2.92	74.00	19.03	150	Horizontal
5	17355.00	54.66	6.75	68.20	13.54	150	Horizontal
6	17355.00	43.76	6.75	54.00	10.24	150	Horizontal
7	17875.79	47.66	8.63	54.00	6.34	150	Horizontal

Final Data List



4.9.1.46 802.11N20_Channel 157

Test Graph



Suspected List

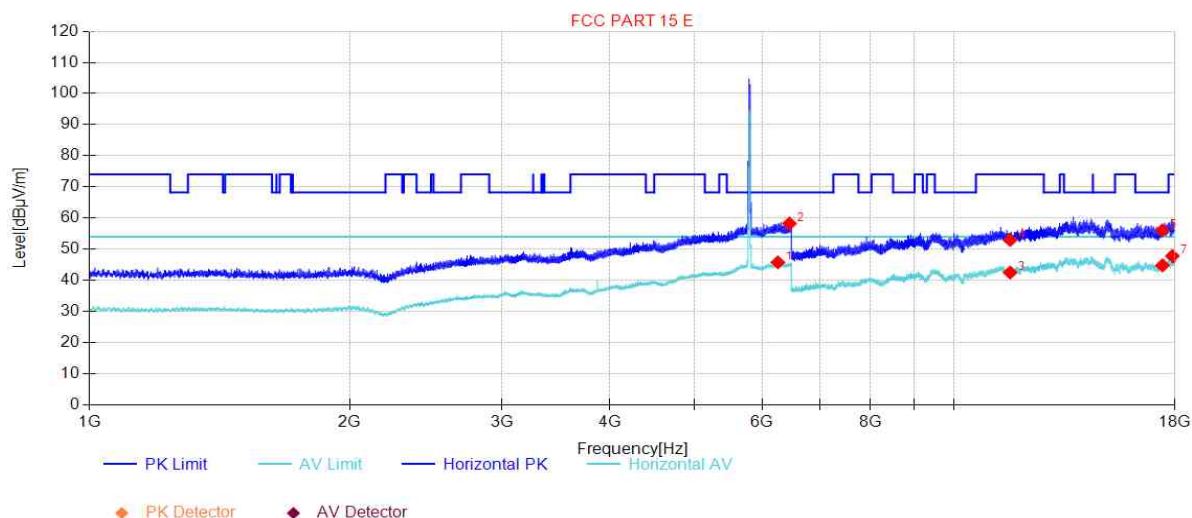
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6216.914	58.07	18.08	68.20	10.13	150	Vertical
2	6237.815	45.77	18.18	54.00	8.23	150	Vertical
3	11570.00	42.60	2.92	54.00	11.40	150	Vertical
4	11570.00	55.02	2.92	74.00	18.98	150	Vertical
5	17355.00	54.41	6.75	68.20	13.79	150	Vertical
6	17355.00	44.08	6.75	54.00	9.92	150	Vertical
7	17882.69	47.73	8.69	54.00	6.27	150	Vertical

Final Data List



4.9.1.47 802.11N20_Channel 161

Test Graph



Suspected List

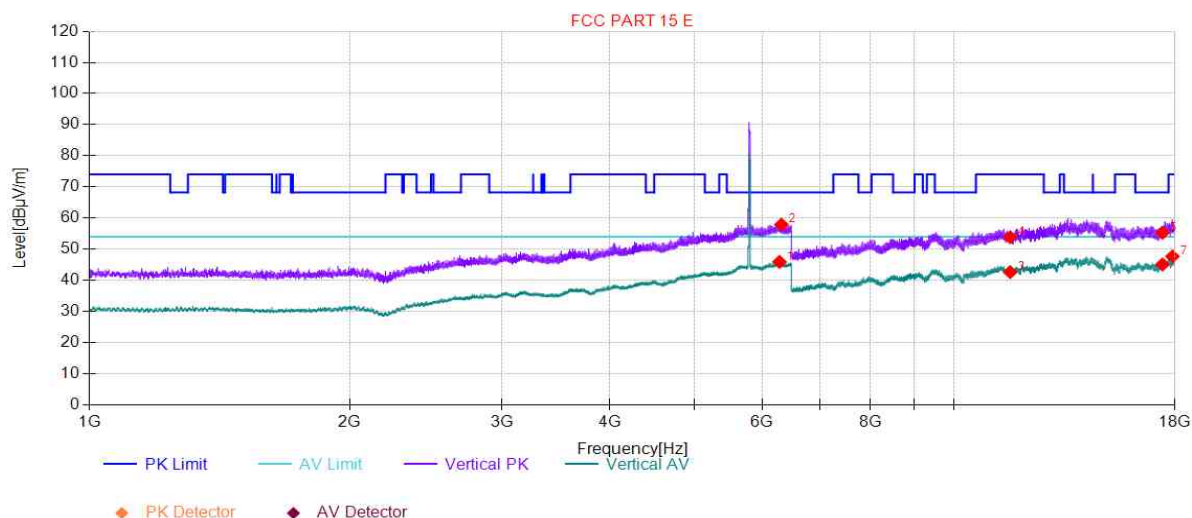
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6255.417	45.72	18.27	54.00	8.28	150	Horizontal
2	6450.130	58.22	18.44	68.20	9.98	150	Horizontal
3	11610.00	42.46	3.14	54.00	11.54	150	Horizontal
4	11610.00	52.94	3.14	74.00	21.06	150	Horizontal
5	17415.00	56.04	6.97	68.20	12.16	150	Horizontal
6	17415.00	44.73	6.97	54.00	9.27	150	Horizontal
7	17882.69	47.78	8.69	54.00	6.22	150	Horizontal

Final Data List



4.9.1.48 802.11N20_Channel 161

Test Graph



Suspected List

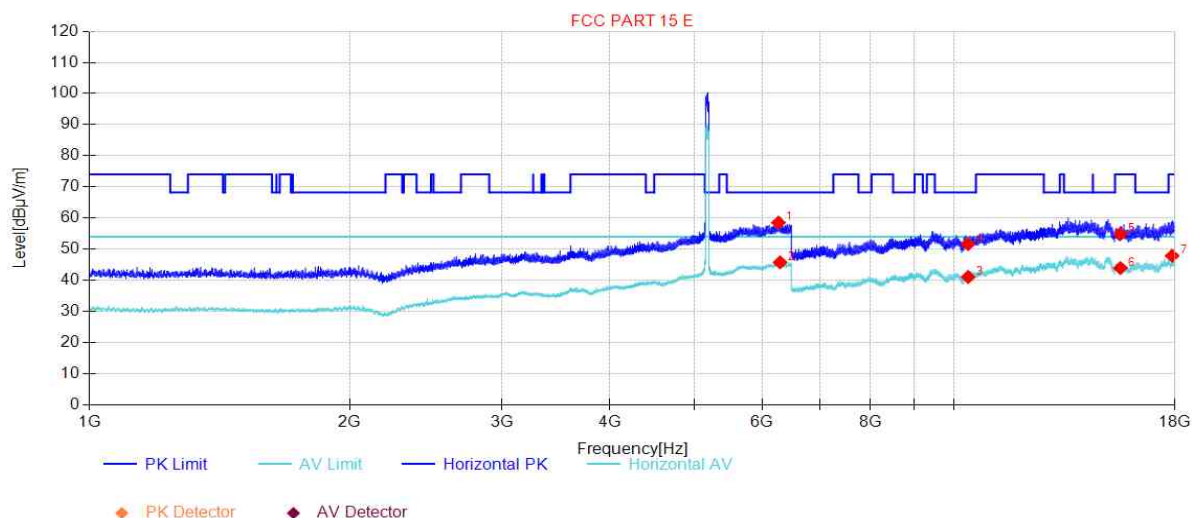
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6281.085	45.87	18.39	54.00	8.13	150	Vertical
2	6314.454	57.86	18.44	68.20	10.34	150	Vertical
3	11610.00	42.59	3.14	54.00	11.41	150	Vertical
4	11610.00	53.82	3.14	74.00	20.18	150	Vertical
5	17415.00	55.23	6.97	68.20	12.97	150	Vertical
6	17415.00	45.06	6.97	54.00	8.94	150	Vertical
7	17885.91	47.65	8.72	54.00	6.35	150	Vertical

Final Data List



4.9.1.49 802.11N40_Channel 38

Test Graph



Suspected List

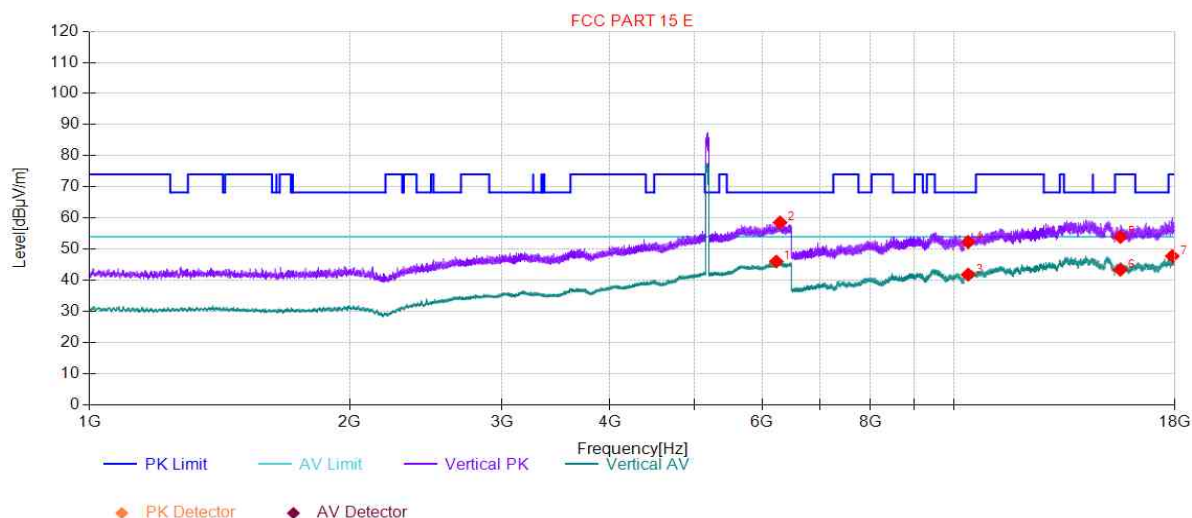
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6265.317	58.50	18.32	68.20	9.70	150	Horizontal
2	6291.352	45.72	18.44	54.00	8.28	150	Horizontal
3	10380.00	41.02	2.40	54.00	12.98	150	Horizontal
4	10380.00	51.62	2.40	68.20	16.58	150	Horizontal
5	15570.00	54.84	6.00	74.00	19.16	150	Horizontal
6	15570.00	43.91	6.00	54.00	10.09	150	Horizontal
7	17872.57	47.85	8.61	54.00	6.15	150	Horizontal

Final Data List



4.9.1.50 802.11N40_Channel 38

Test Graph



Suspected List

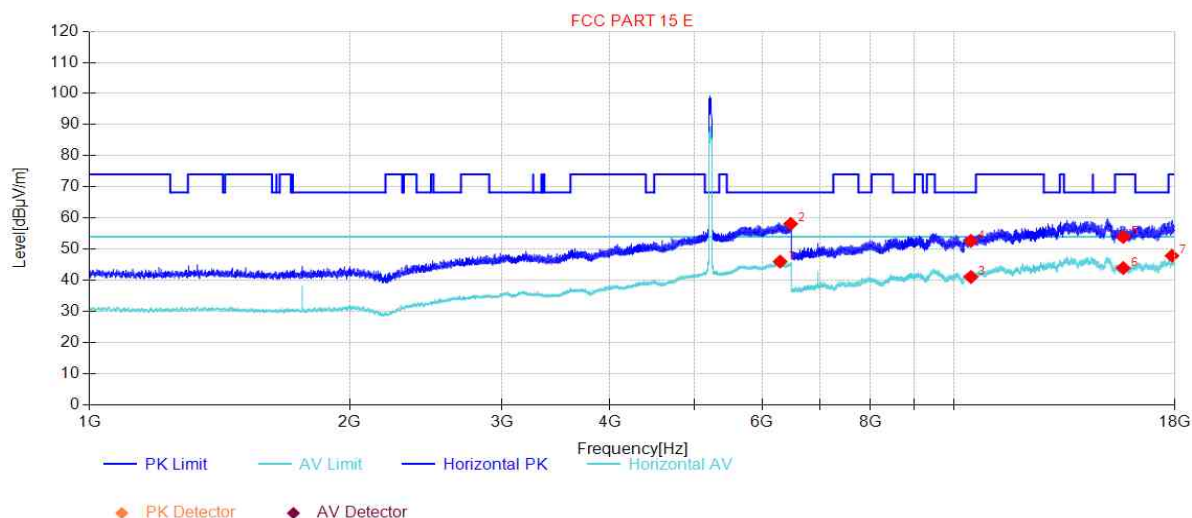
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6227.915	46.00	18.14	54.00	8.00	150	Vertical
2	6290.619	58.55	18.44	68.20	9.65	150	Vertical
3	10380.00	41.80	2.40	54.00	12.20	150	Vertical
4	10380.00	52.29	2.40	68.20	15.91	150	Vertical
5	15570.00	53.89	6.00	74.00	20.11	150	Vertical
6	15570.00	43.35	6.00	54.00	10.65	150	Vertical
7	17879.93	47.74	8.67	54.00	6.26	150	Vertical

Final Data List



4.9.1.51 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	45.98	18.45	54.00	8.02	150	Horizontal
2	6471.764	58.12	18.56	68.20	10.08	150	Horizontal
3	10460.00	41.04	2.47	54.00	12.96	150	Horizontal
4	10460.00	52.63	2.47	68.20	15.57	150	Horizontal
5	15690.00	53.90	6.13	74.00	20.10	150	Horizontal
6	15690.00	43.91	6.13	54.00	10.09	150	Horizontal
7	17863.37	47.86	8.53	54.00	6.14	150	Horizontal

Final Data List

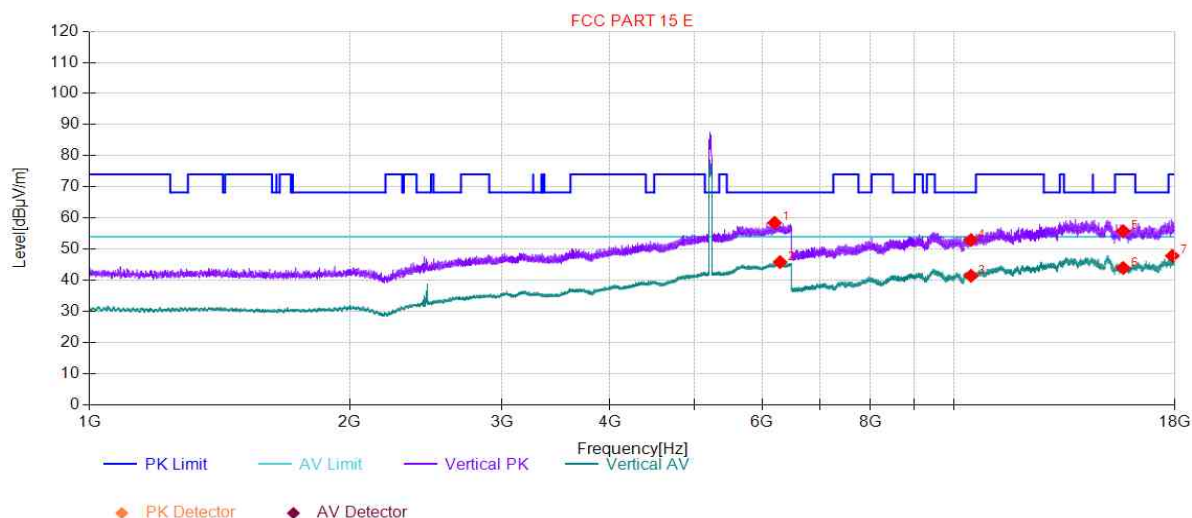


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.52 802.11N40_Channel 46

Test Graph



Suspected List

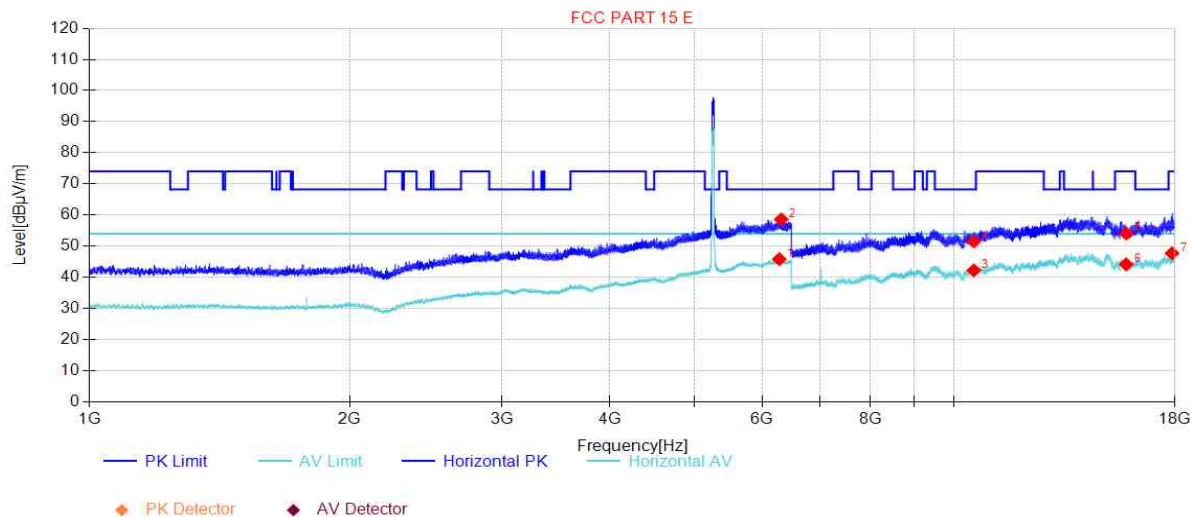
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6199.680	58.47	18.00	68.20	9.73	150	Vertical
2	6290.619	45.83	18.44	54.00	8.17	150	Vertical
3	10460.00	41.41	2.47	54.00	12.59	150	Vertical
4	10460.00	52.90	2.47	68.20	15.30	150	Vertical
5	15690.00	55.78	6.13	74.00	18.22	150	Vertical
6	15690.00	43.91	6.13	54.00	10.09	150	Vertical
7	17881.77	47.84	8.68	54.00	6.16	150	Vertical

Final Data List



4.9.1.53 802.11N40_Channel 54

Test Graph



Suspected List

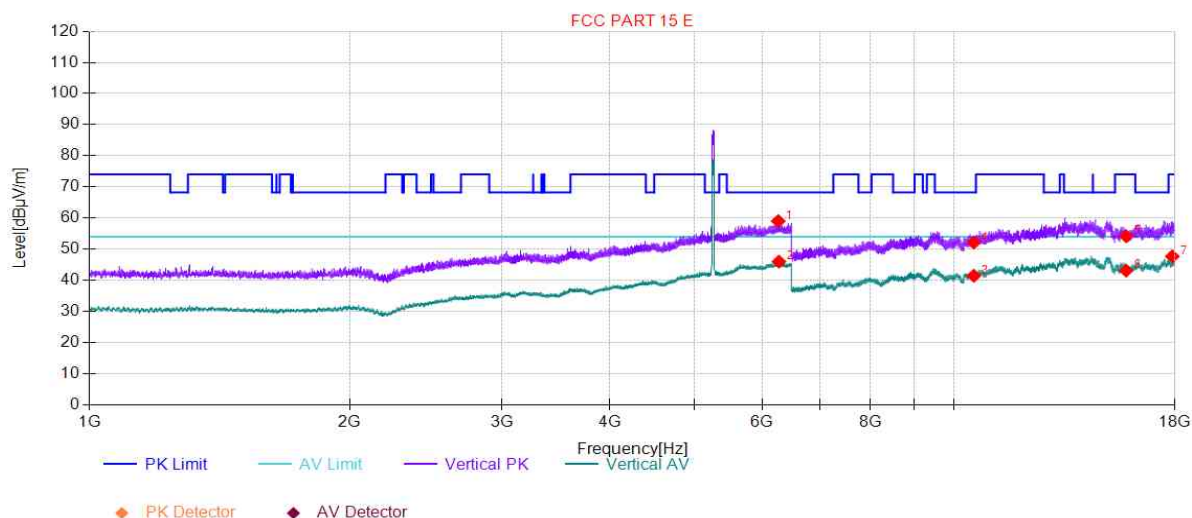
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6278.151	45.78	18.38	54.00	8.22	150	Horizontal
2	6311.154	58.57	18.45	68.20	9.63	150	Horizontal
3	10540.00	42.20	2.39	54.00	11.80	150	Horizontal
4	10540.00	51.49	2.39	68.20	16.71	150	Horizontal
5	15810.00	54.03	5.12	74.00	19.97	150	Horizontal
6	15810.00	44.14	5.12	54.00	9.86	150	Horizontal
7	17868.43	47.67	8.57	54.00	6.33	150	Horizontal

Final Data List



4.9.1.54 802.11N40_Channel 54

Test Graph



Suspected List

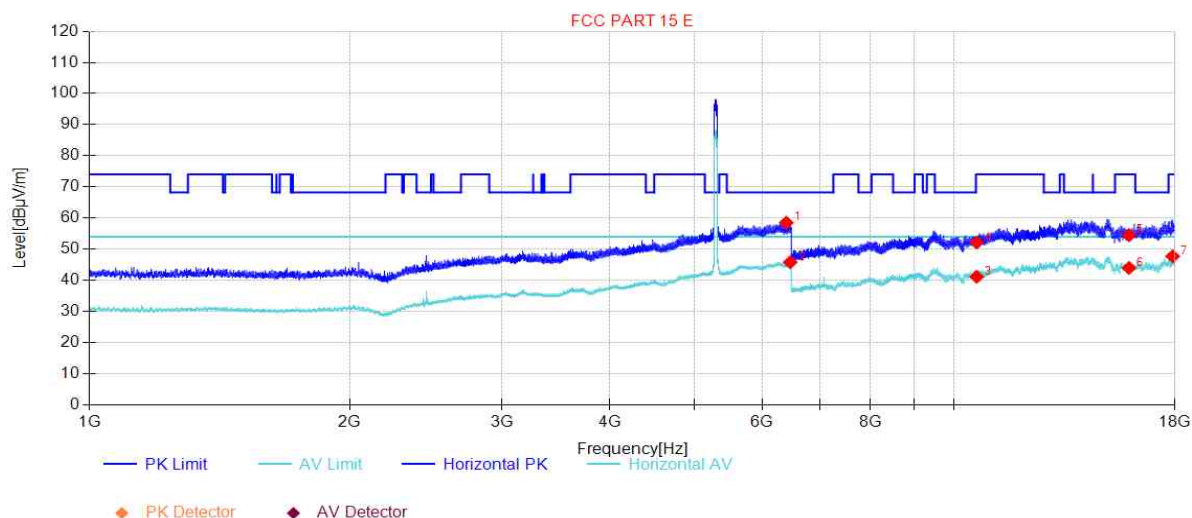
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6260.917	59.00	18.30	68.20	9.20	150	Vertical
2	6272.284	45.98	18.35	54.00	8.02	150	Vertical
3	10540.00	41.43	2.39	54.00	12.57	150	Vertical
4	10540.00	52.12	2.39	68.20	16.08	150	Vertical
5	15810.00	54.14	5.12	74.00	19.86	150	Vertical
6	15810.00	43.10	5.12	54.00	10.90	150	Vertical
7	17880.39	47.66	8.67	54.00	6.34	150	Vertical

Final Data List



4.9.1.55 802.11N40_Channel 62

Test Graph



Suspected List

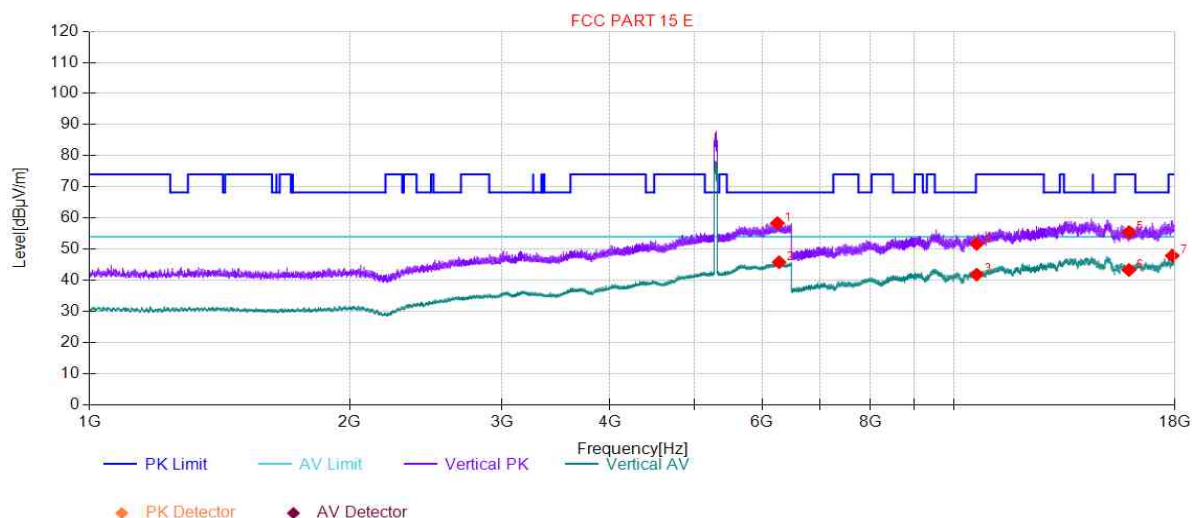
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6395.126	58.47	18.18	68.20	9.73	150	Horizontal
2	6464.064	45.79	18.52	54.00	8.21	150	Horizontal
3	10620.00	41.09	2.23	54.00	12.91	150	Horizontal
4	10620.00	52.10	2.23	74.00	21.90	150	Horizontal
5	15930.00	54.50	5.15	74.00	19.50	150	Horizontal
6	15930.00	43.94	5.15	54.00	10.06	150	Horizontal
7	17897.87	47.69	8.82	54.00	6.31	150	Horizontal

Final Data List



4.9.1.56 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6245.883	58.36	18.22	68.20	9.84	150	Vertical
2	6274.485	45.78	18.36	54.00	8.22	150	Vertical
3	10620.00	41.81	2.23	54.00	12.19	150	Vertical
4	10620.00	51.66	2.23	74.00	22.34	150	Vertical
5	15930.00	55.45	5.15	74.00	18.55	150	Vertical
6	15930.00	43.29	5.15	54.00	10.71	150	Vertical
7	17878.09	47.89	8.65	54.00	6.11	150	Vertical

Final Data List

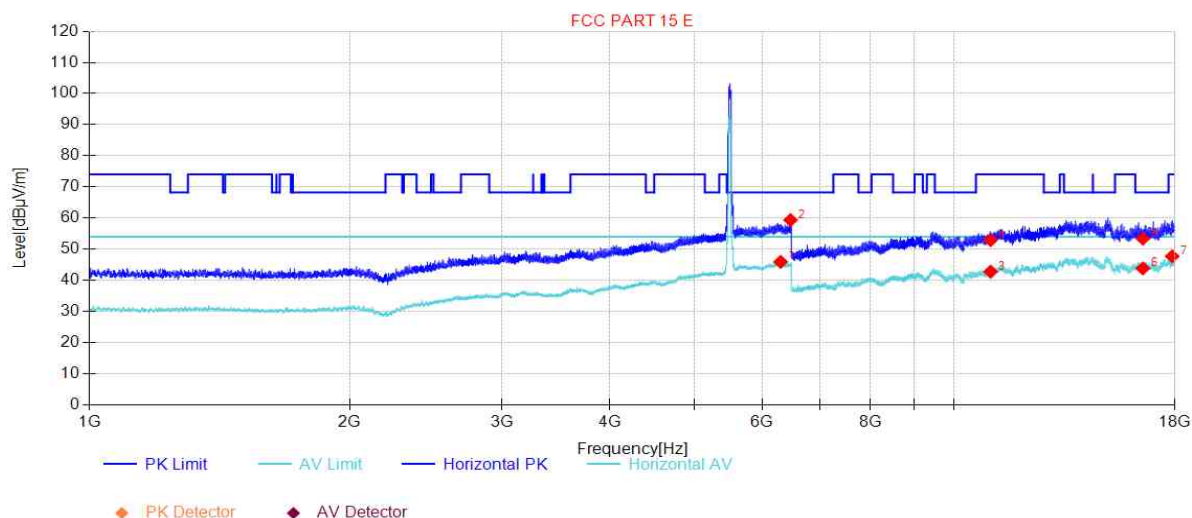


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.57 802.11N40_Channel 102

Test Graph



Suspected List

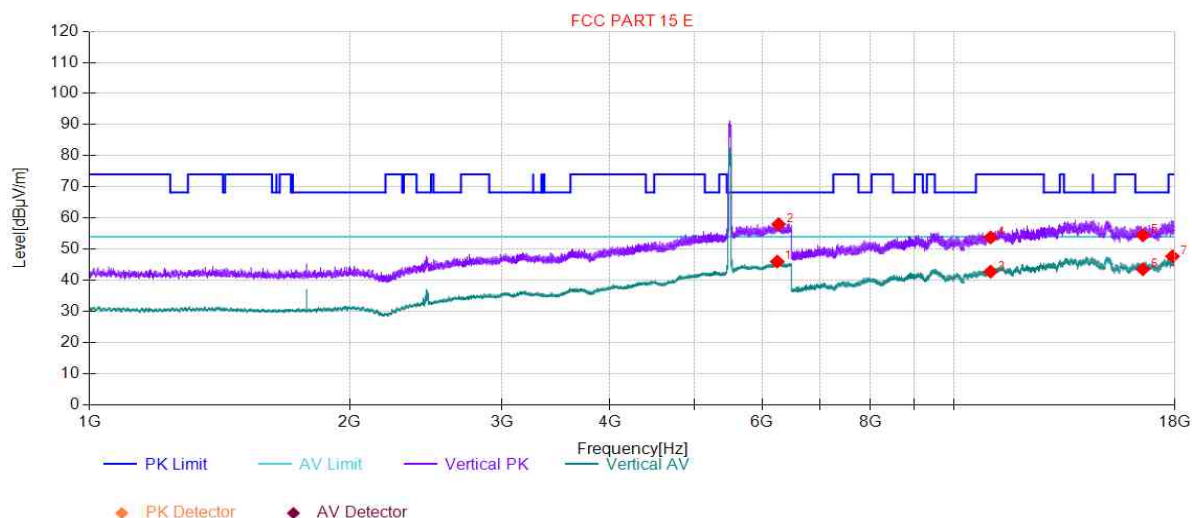
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6300.153	45.89	18.48	54.00	8.11	150	Horizontal
2	6468.831	59.34	18.54	68.20	8.86	150	Horizontal
3	11020.00	42.73	2.69	54.00	11.27	150	Horizontal
4	11020.00	52.89	2.69	74.00	21.11	150	Horizontal
5	16530.00	53.37	5.27	68.20	14.83	150	Horizontal
6	16530.00	43.79	5.27	54.00	10.21	150	Horizontal
7	17876.25	47.67	8.64	54.00	6.33	150	Horizontal

Final Data List



4.9.1.58 802.11N40_Channel 102

Test Graph



Suspected List

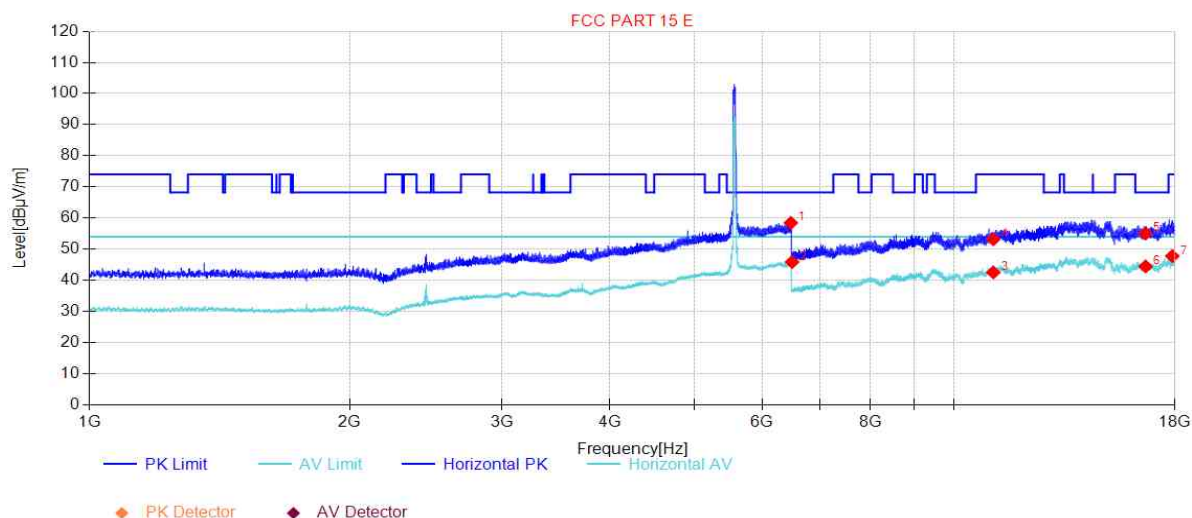
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6244.049	45.98	18.21	54.00	8.02	150	Vertical
2	6266.051	57.99	18.32	68.20	10.21	150	Vertical
3	11020.00	42.74	2.69	54.00	11.26	150	Vertical
4	11020.00	53.74	2.69	74.00	20.26	150	Vertical
5	16530.00	54.43	5.27	68.20	13.77	150	Vertical
6	16530.00	43.53	5.27	54.00	10.47	150	Vertical
7	17886.83	47.68	8.72	54.00	6.32	150	Vertical

Final Data List



4.9.1.59 802.11N40_Channel 110

Test Graph



Suspected List

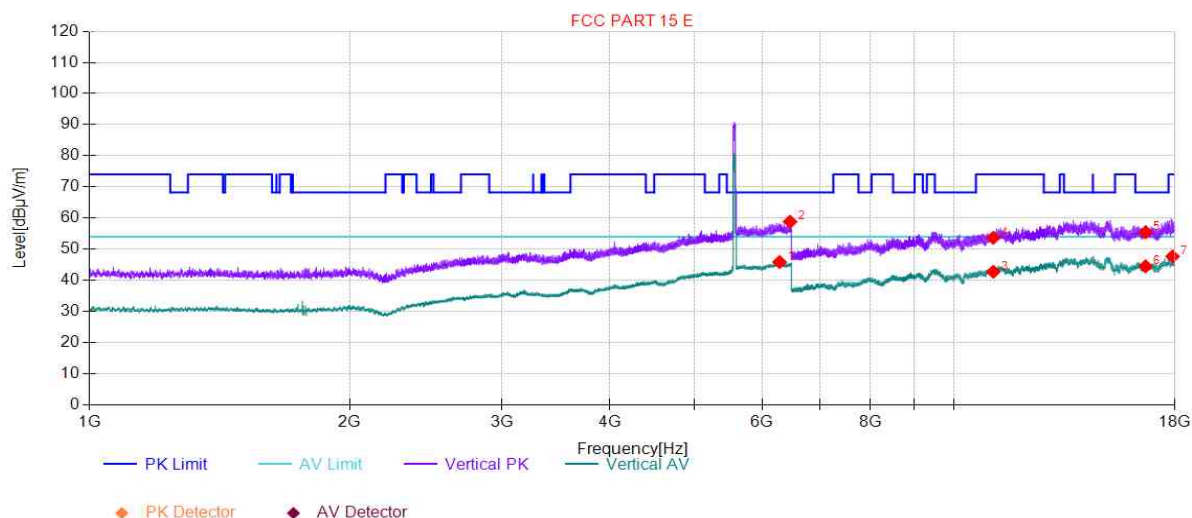
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.598	58.41	18.57	68.20	9.79	150	Horizontal
2	6495.599	45.85	18.69	54.00	8.15	150	Horizontal
3	11100.00	42.51	2.49	54.00	11.49	150	Horizontal
4	11100.00	53.16	2.49	74.00	20.84	150	Horizontal
5	16650.00	55.00	5.74	68.20	13.20	150	Horizontal
6	16650.00	44.43	5.74	54.00	9.57	150	Horizontal
7	17881.77	47.75	8.68	54.00	6.25	150	Horizontal

Final Data List



4.9.1.60 802.11N40_Channel 110

Test Graph



Suspected List

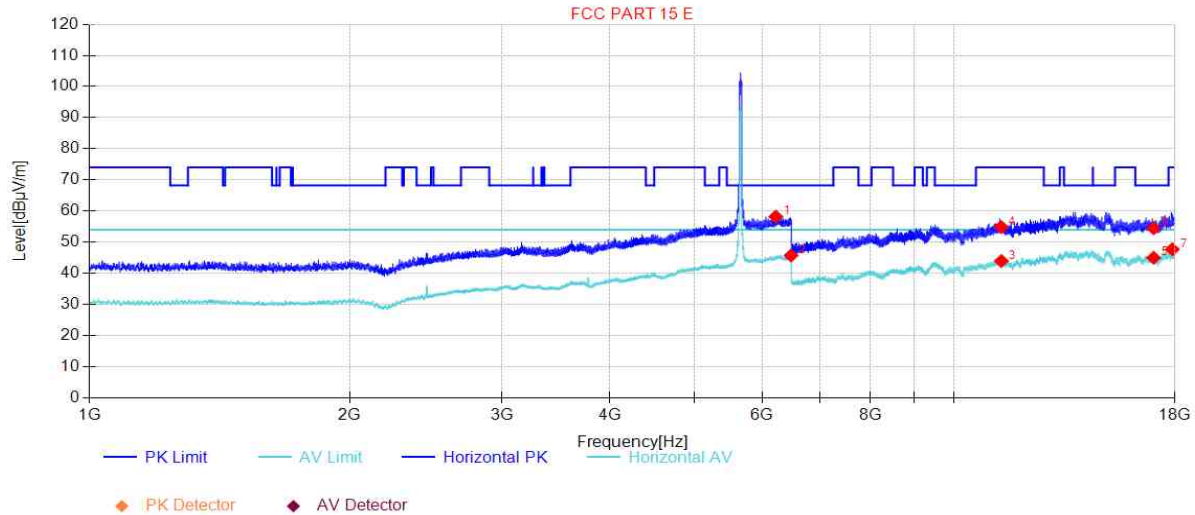
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6283.285	45.83	18.40	54.00	8.17	150	Vertical
2	6461.497	58.80	18.50	68.20	9.40	150	Vertical
3	11100.00	42.73	2.49	54.00	11.27	150	Vertical
4	11100.00	53.64	2.49	74.00	20.36	150	Vertical
5	16650.00	55.40	5.74	68.20	12.80	150	Vertical
6	16650.00	44.47	5.74	54.00	9.53	150	Vertical
7	17891.43	47.64	8.76	54.00	6.36	150	Vertical

Final Data List



4.9.1.61 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6219.848	58.17	18.10	68.20	10.03	150	Horizontal
2	6478.365	45.70	18.59	54.00	8.30	150	Horizontal
3	11340.00	43.92	2.55	54.00	10.08	150	Horizontal
4	11340.00	54.82	2.55	74.00	19.18	150	Horizontal
5	17010.00	44.97	6.16	54.00	9.03	150	Horizontal
6	17010.00	54.45	6.16	68.20	13.75	150	Horizontal
7	17881.31	47.67	8.68	54.00	6.33	150	Horizontal

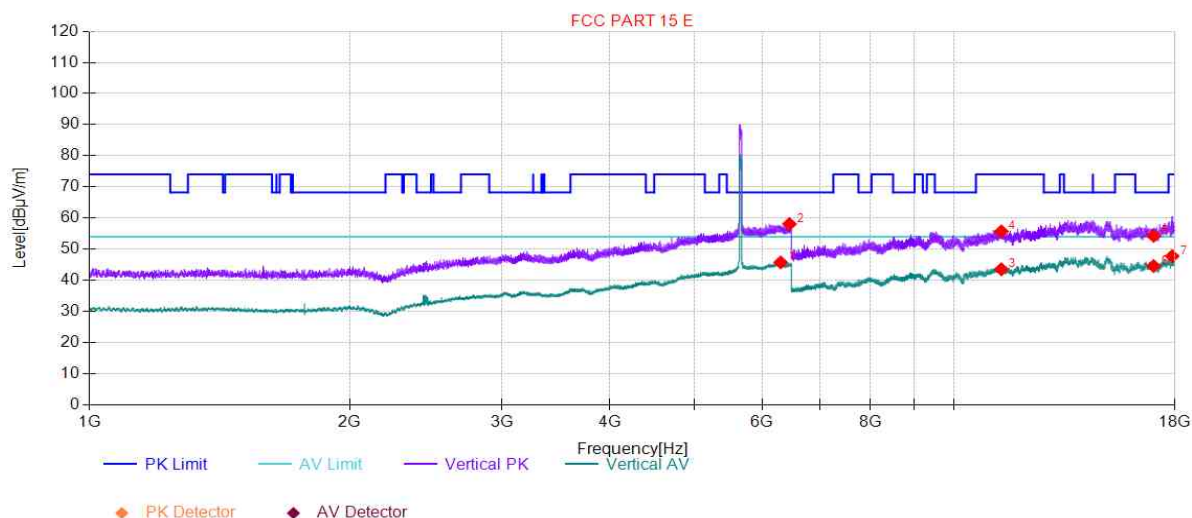
Final Data List



Report No.: AR/2020/B000305
Page: 87 of 397

4.9.1.62 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6301.986	45.72	18.48	54.00	8.28	150	Vertical
2	6450.130	58.06	18.44	68.20	10.14	150	Vertical
3	11340.00	43.52	2.55	54.00	10.48	150	Vertical
4	11340.00	55.68	2.55	74.00	18.32	150	Vertical
5	17010.00	54.25	6.16	68.20	13.95	150	Vertical
6	17010.00	44.56	6.16	54.00	9.44	150	Vertical
7	17876.25	47.74	8.64	54.00	6.26	150	Vertical

Final Data List



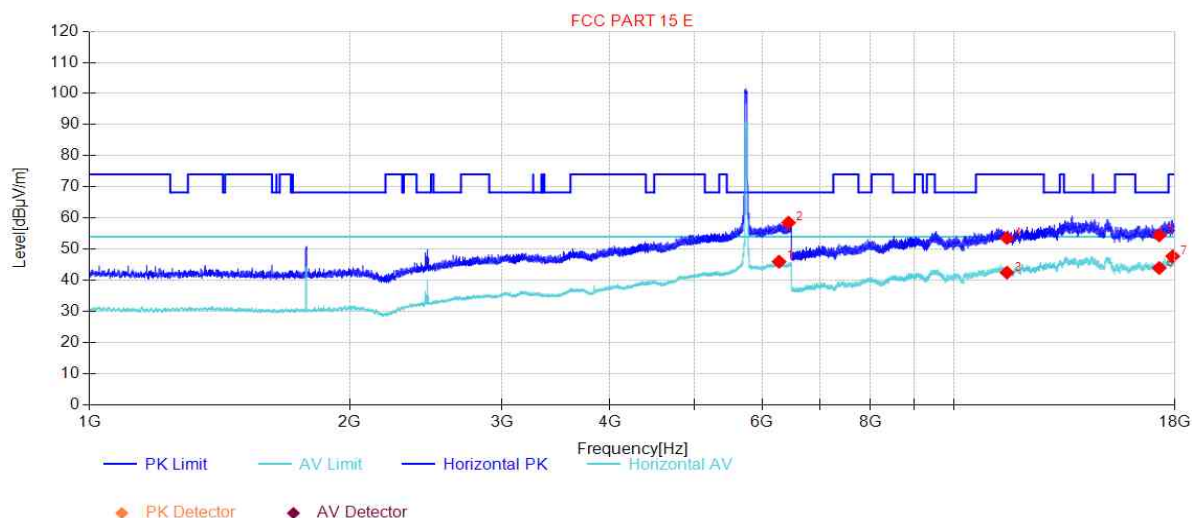
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SGS-CSTC Laboratory)

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

4.9.1.63 802.11N40_Channel 151

Test Graph



Suspected List

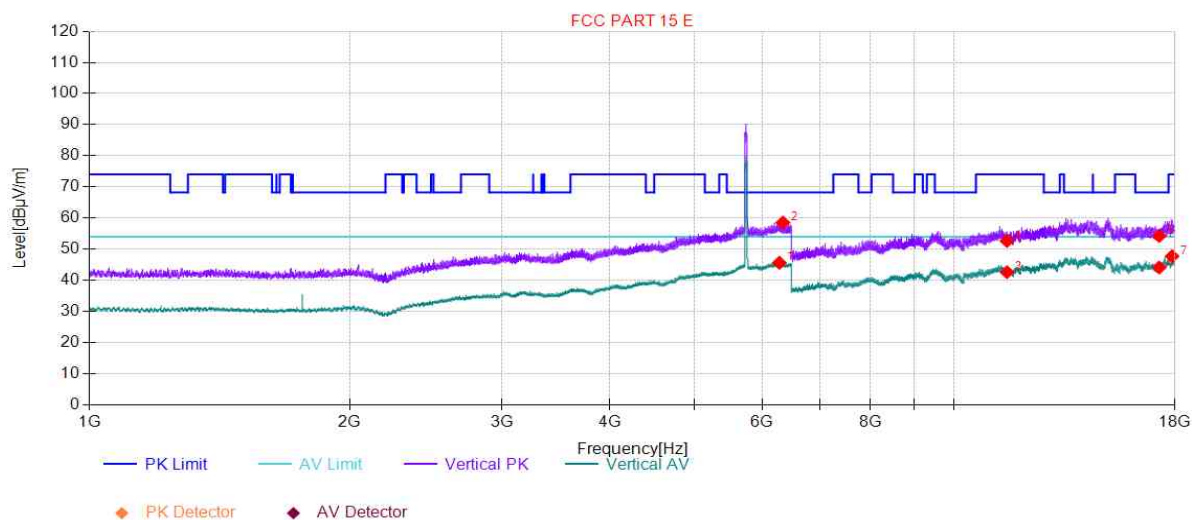
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6274.485	45.95	18.36	54.00	8.05	150	Horizontal
2	6433.628	58.49	18.35	68.20	9.71	150	Horizontal
3	11510.00	42.42	2.17	54.00	11.58	150	Horizontal
4	11510.00	53.55	2.17	74.00	20.45	150	Horizontal
5	17265.00	54.42	6.33	68.20	13.78	150	Horizontal
6	17265.00	43.92	6.33	54.00	10.08	150	Horizontal
7	17899.71	47.71	8.83	54.00	6.29	150	Horizontal

Final Data List



4.9.1.64 802.11N40_Channel 151

Test Graph



Suspected List

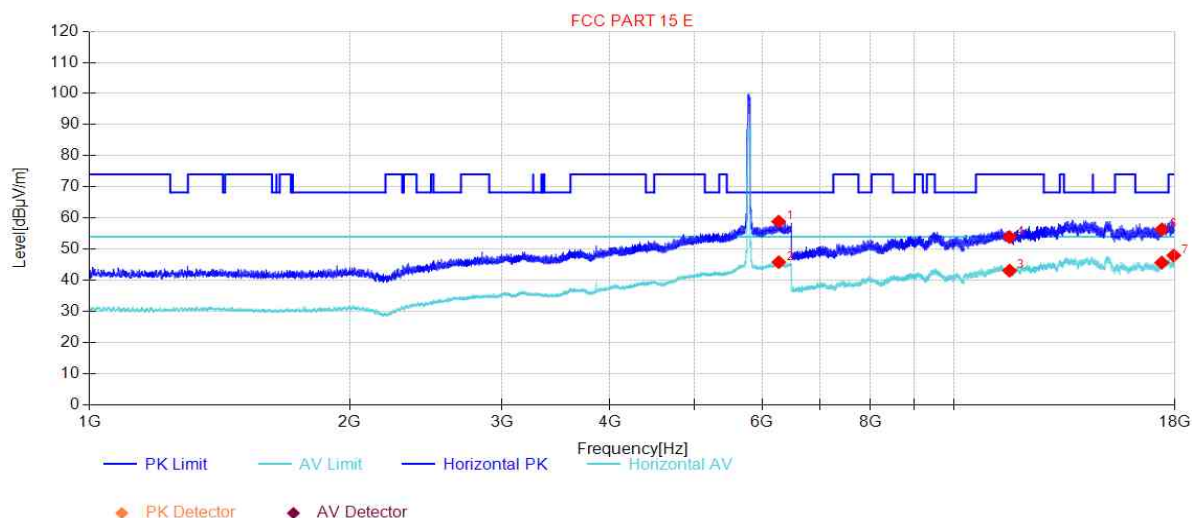
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6279.252	45.60	18.38	54.00	8.40	150	Vertical
2	6337.555	58.52	18.36	68.20	9.68	150	Vertical
3	11510.00	42.59	2.17	54.00	11.41	150	Vertical
4	11510.00	52.63	2.17	74.00	21.37	150	Vertical
5	17265.00	54.22	6.33	68.20	13.98	150	Vertical
6	17265.00	44.08	6.33	54.00	9.92	150	Vertical
7	17872.11	47.71	8.60	54.00	6.29	150	Vertical

Final Data List



4.9.1.65 802.11N40_Channel 159

Test Graph



Suspected List

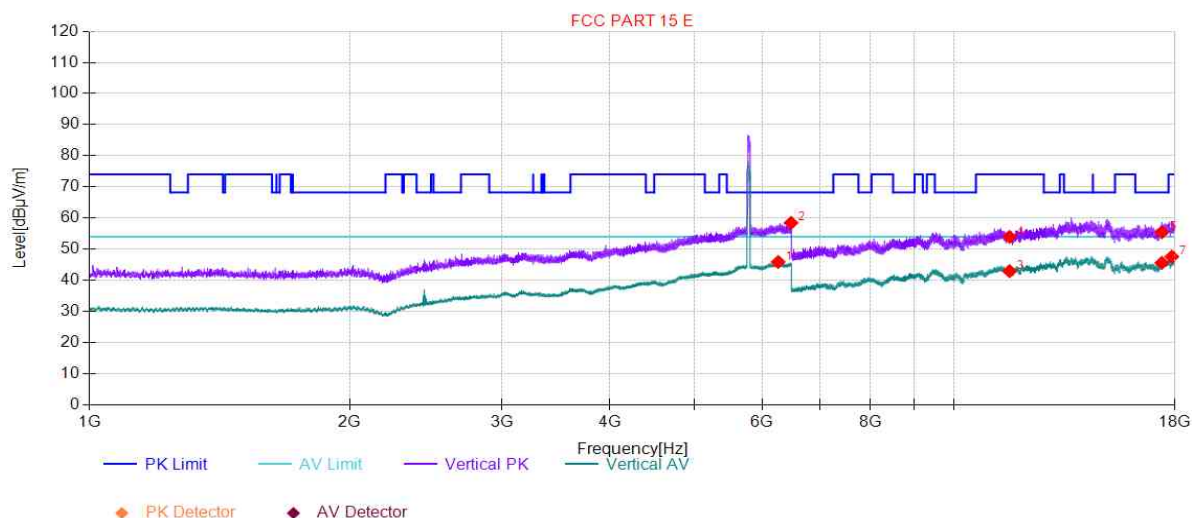
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6267.517	58.82	18.33	68.20	9.38	150	Horizontal
2	6268.984	45.80	18.33	54.00	8.20	150	Horizontal
3	11590.00	43.08	3.16	54.00	10.92	150	Horizontal
4	11590.00	53.86	3.16	74.00	20.14	150	Horizontal
5	17385.00	45.64	6.82	54.00	8.36	150	Horizontal
6	17385.00	56.34	6.82	68.20	11.86	150	Horizontal
7	17950.31	47.94	8.43	54.00	6.06	150	Horizontal

Final Data List



4.9.1.66 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6259.817	45.86	18.29	54.00	8.14	150	Vertical
2	6477.631	58.43	18.59	68.20	9.77	150	Vertical
3	11590.00	42.91	3.16	54.00	11.09	150	Vertical
4	11590.00	53.91	3.16	74.00	20.09	150	Vertical
5	17385.00	55.41	6.82	68.20	12.79	150	Vertical
6	17385.00	45.57	6.82	54.00	8.43	150	Vertical
7	17858.77	47.56	8.49	54.00	6.44	150	Vertical

Final Data List

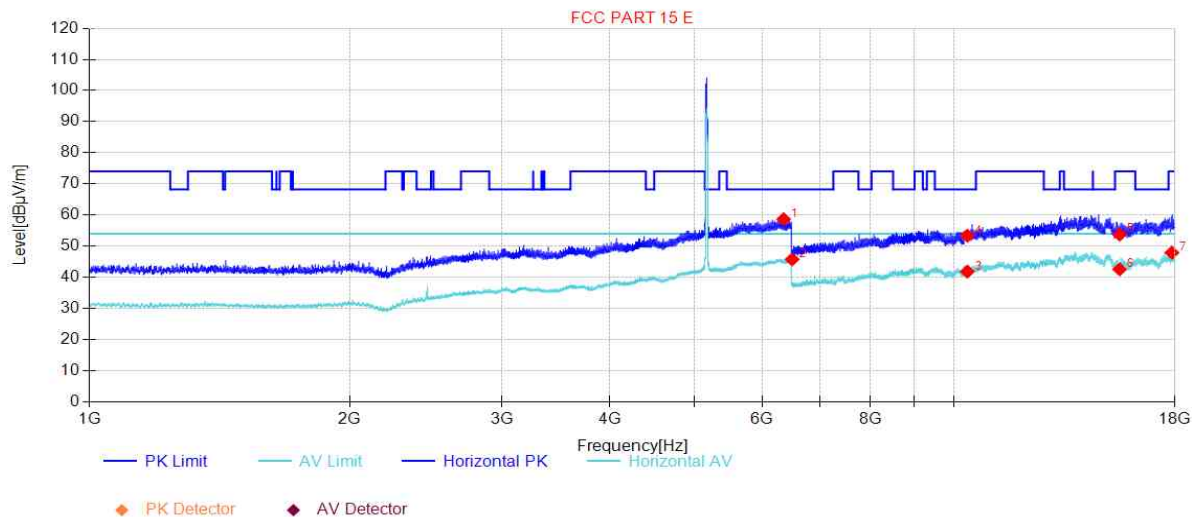


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.67 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6351.490	58.66	18.32	68.20	9.54	150	Horizontal
2	6495.966	45.73	18.69	54.00	8.27	150	Horizontal
3	10360.00	41.80	2.38	54.00	12.20	150	Horizontal
4	10360.00	53.34	2.38	68.20	14.86	150	Horizontal
5	15540.00	53.71	5.88	74.00	20.29	150	Horizontal
6	15540.00	42.52	5.88	54.00	11.48	150	Horizontal
7	17860.15	47.90	8.50	54.00	6.10	150	Horizontal

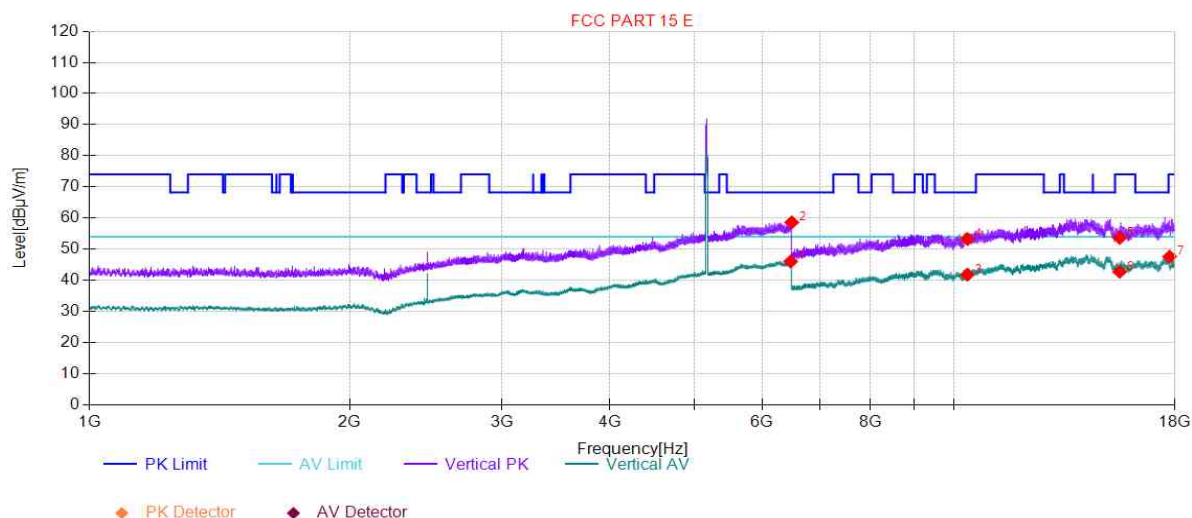
Final Data List



Report No.: AR/2020/B000305
Page: 93 of 397

4.9.1.68 802.11AC20_Channel 36

Test Graph



Suspected List

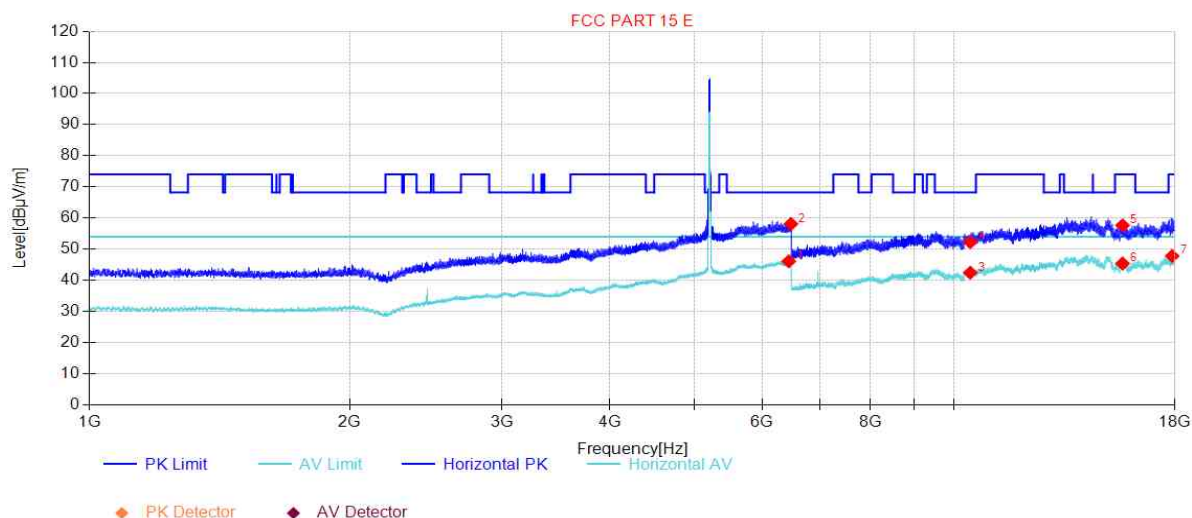
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6470.664	46.00	18.55	54.00	8.00	150	Vertical
2	6489.366	58.60	18.66	68.20	9.60	150	Vertical
3	10360.00	41.77	2.38	54.00	12.23	150	Vertical
4	10360.00	53.24	2.38	68.20	14.96	150	Vertical
5	15540.00	53.63	5.88	74.00	20.37	150	Vertical
6	15540.00	42.72	5.88	54.00	11.28	150	Vertical
7	17750.67	47.57	7.79	54.00	6.43	150	Vertical

Final Data List



4.9.1.69 802.11AC20_Channel 44

Test Graph



Suspected List

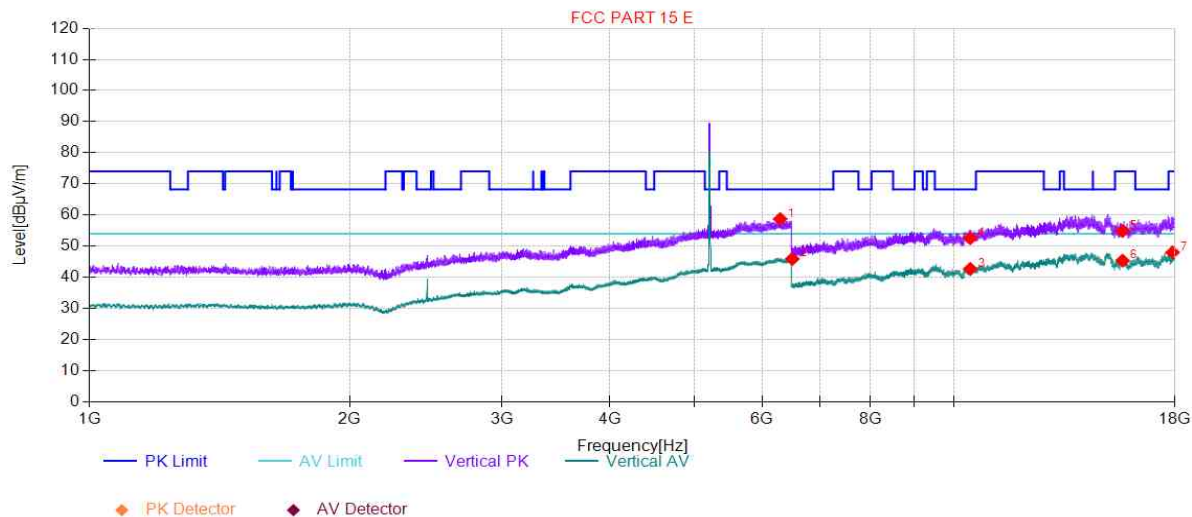
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6438.762	46.07	18.38	54.00	7.93	150	Horizontal
2	6475.798	58.09	18.58	68.20	10.11	150	Horizontal
3	10440.00	42.42	2.46	54.00	11.58	150	Horizontal
4	10440.00	52.23	2.46	68.20	15.97	150	Horizontal
5	15660.00	57.64	6.12	74.00	16.36	150	Horizontal
6	15660.00	45.37	6.12	54.00	8.63	150	Horizontal
7	17873.49	47.79	8.61	54.00	6.21	150	Horizontal

Final Data List



4.9.1.70 802.11AC20_Channel 44

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6292.452	58.71	18.45	68.20	9.49	150	Vertical
2	6499.266	45.88	18.71	54.00	8.12	150	Vertical
3	10440.00	42.65	2.46	54.00	11.35	150	Vertical
4	10440.00	52.56	2.46	68.20	15.64	150	Vertical
5	15660.00	54.87	6.12	74.00	19.13	150	Vertical
6	15660.00	45.34	6.12	54.00	8.66	150	Vertical
7	17890.05	47.98	8.75	54.00	6.02	150	Vertical

Final Data List

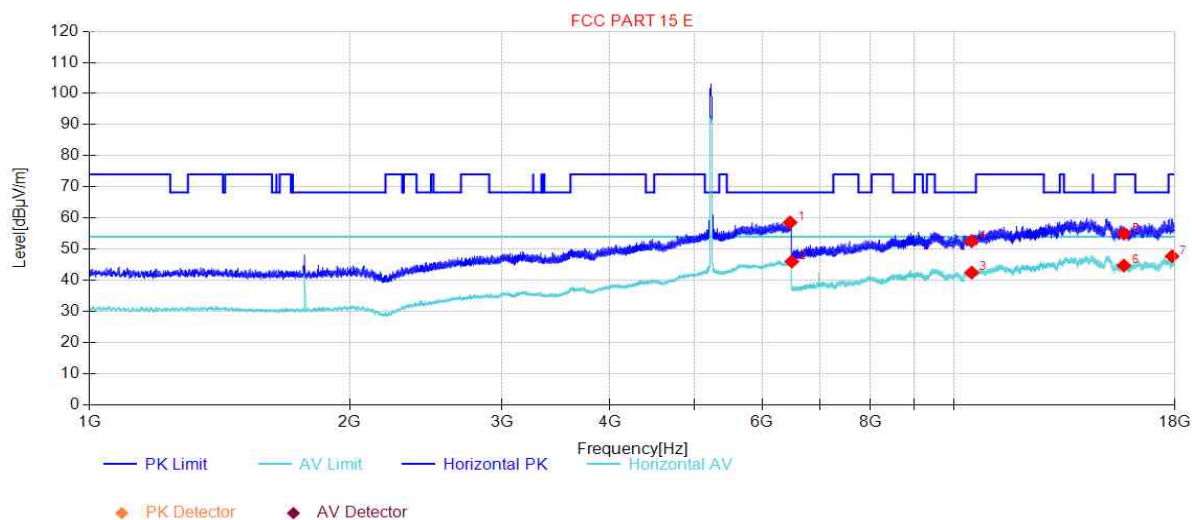


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.71 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6460.764	58.57	18.50	68.20	9.63	150	Horizontal
2	6490.832	46.00	18.66	54.00	8.00	150	Horizontal
3	10480.00	42.44	2.49	54.00	11.56	150	Horizontal
4	10480.00	52.53	2.49	68.20	15.67	150	Horizontal
5	15720.00	54.93	5.92	74.00	19.07	150	Horizontal
6	15720.00	44.69	5.92	54.00	9.31	150	Horizontal
7	17867.05	47.69	8.56	54.00	6.31	150	Horizontal

Final Data List

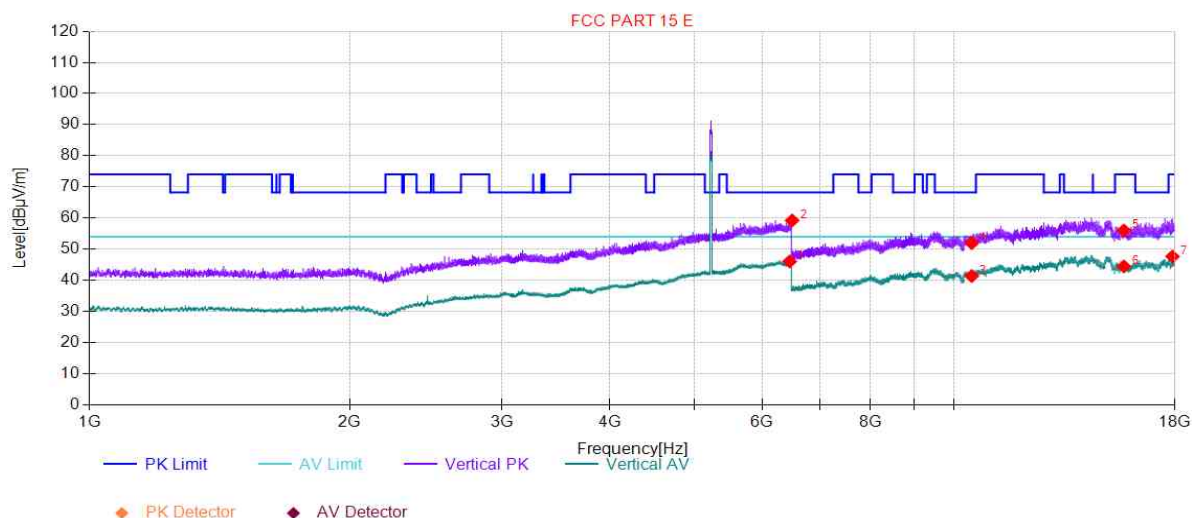


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.72 802.11AC20_Channel 48

Test Graph



Suspected List

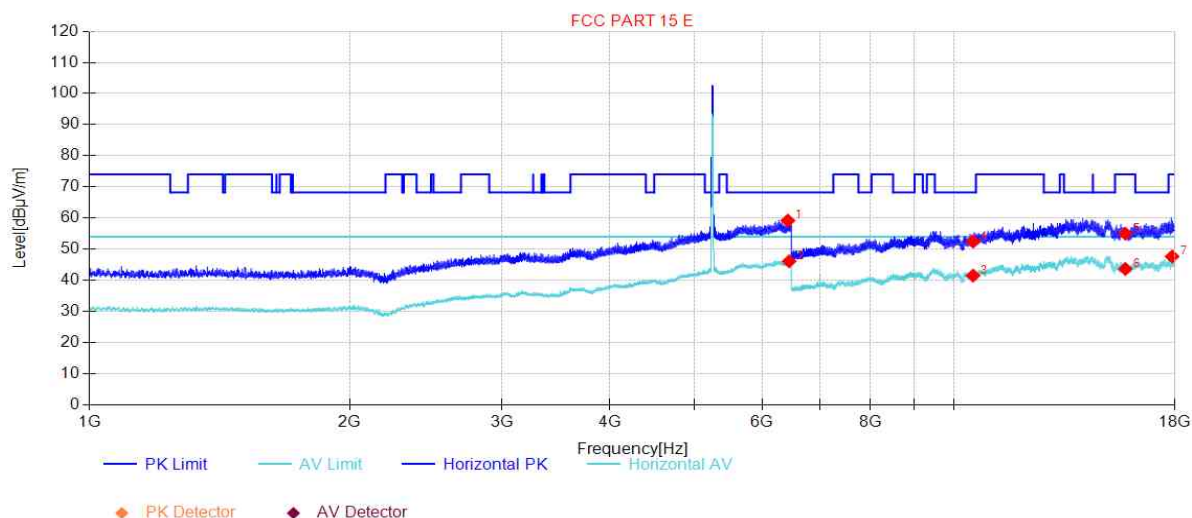
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6454.163	46.03	18.46	54.00	7.97	150	Vertical
2	6496.699	59.20	18.70	68.20	9.00	150	Vertical
3	10480.00	41.36	2.49	54.00	12.64	150	Vertical
4	10480.00	51.96	2.49	68.20	16.24	150	Vertical
5	15720.00	55.98	5.92	74.00	18.02	150	Vertical
6	15720.00	44.41	5.92	54.00	9.59	150	Vertical
7	17888.21	47.62	8.74	54.00	6.38	150	Vertical

Final Data List



4.9.1.73 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6423.361	59.16	18.29	68.20	9.04	150	Horizontal
2	6444.996	46.08	18.41	54.00	7.92	150	Horizontal
3	10520.00	41.48	2.45	54.00	12.52	150	Horizontal
4	10520.00	52.43	2.45	68.20	15.77	150	Horizontal
5	15780.00	54.93	5.30	74.00	19.07	150	Horizontal
6	15780.00	43.62	5.30	54.00	10.38	150	Horizontal
7	17870.73	47.63	8.59	54.00	6.37	150	Horizontal

Final Data List

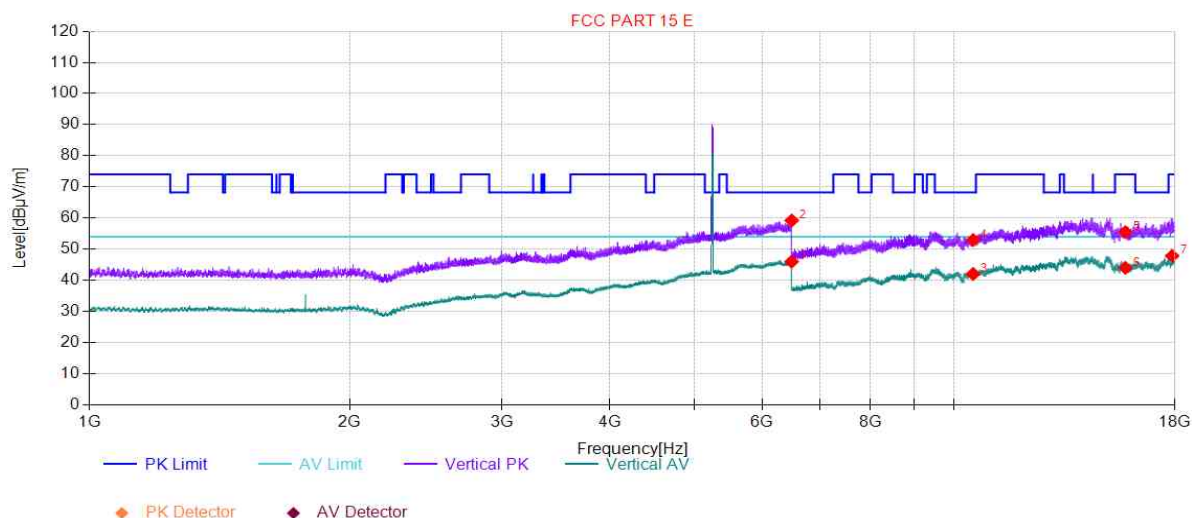


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.74 802.11AC20_Channel 52

Test Graph



Suspected List

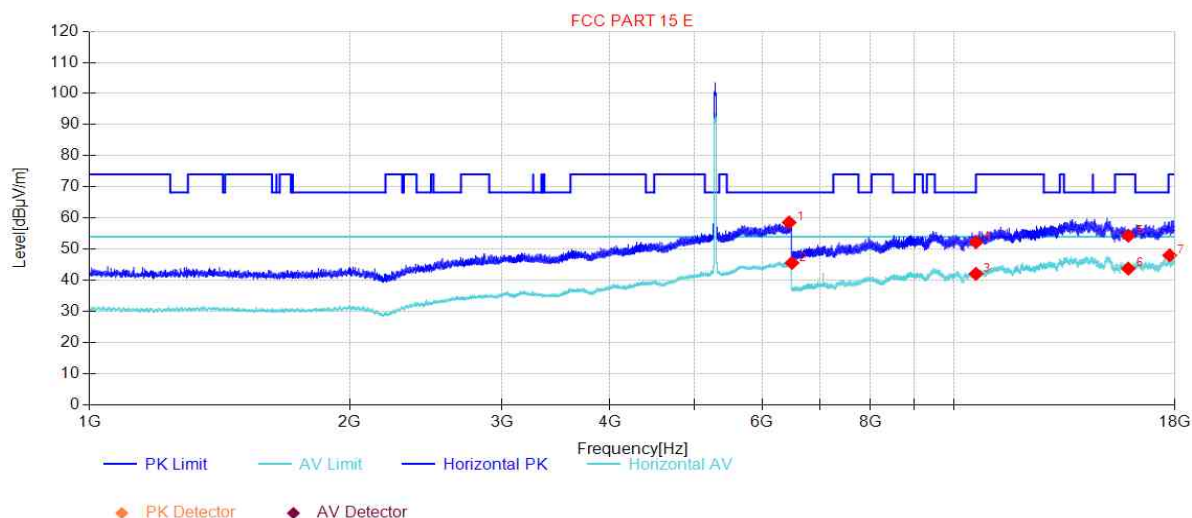
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6487.165	45.96	18.64	54.00	8.04	150	Vertical
2	6489.366	59.19	18.66	68.20	9.01	150	Vertical
3	10520.00	42.00	2.45	54.00	12.00	150	Vertical
4	10520.00	52.91	2.45	68.20	15.29	150	Vertical
5	15780.00	55.44	5.30	74.00	18.56	150	Vertical
6	15780.00	43.97	5.30	54.00	10.03	150	Vertical
7	17872.57	47.84	8.61	54.00	6.16	150	Vertical

Final Data List



4.9.1.75 802.11AC20_Channel 60

Test Graph



Suspected List

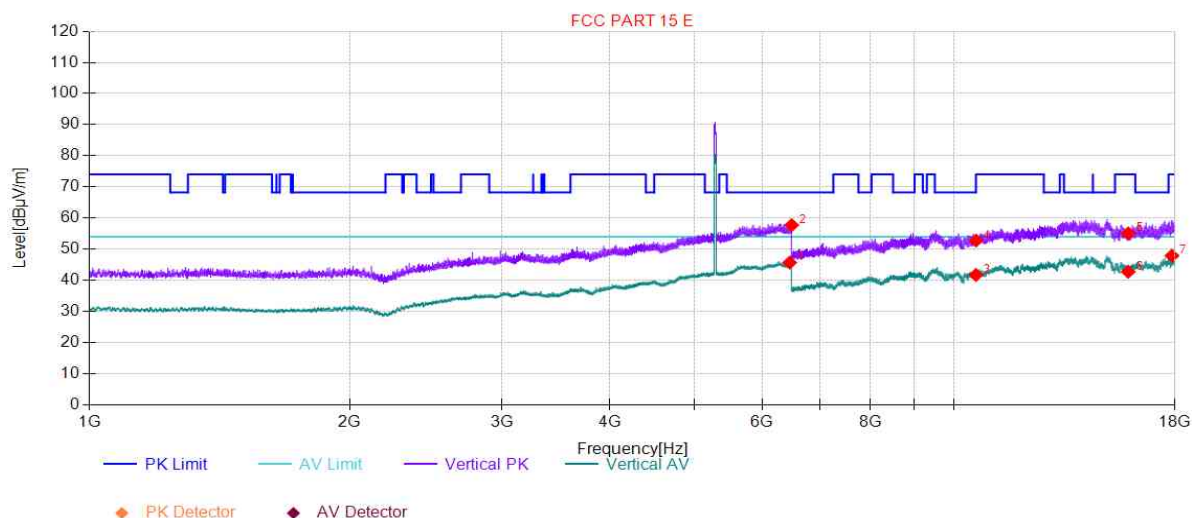
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.996	58.56	18.41	68.20	9.64	150	Horizontal
2	6493.399	45.56	18.68	54.00	8.44	150	Horizontal
3	10600.00	42.03	2.23	54.00	11.97	150	Horizontal
4	10600.00	52.19	2.23	74.00	21.81	150	Horizontal
5	15900.00	54.32	5.29	74.00	19.68	150	Horizontal
6	15900.00	43.74	5.29	54.00	10.26	150	Horizontal
7	17751.13	47.98	7.79	54.00	6.02	150	Horizontal

Final Data List



4.9.1.76 802.11AC20_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6453.430	45.65	18.46	54.00	8.35	150	Vertical
2	6487.532	57.70	18.65	68.20	10.50	150	Vertical
3	10600.00	41.69	2.23	54.00	12.31	150	Vertical
4	10600.00	52.74	2.23	74.00	21.26	150	Vertical
5	15900.00	55.05	5.29	74.00	18.95	150	Vertical
6	15900.00	42.72	5.29	54.00	11.28	150	Vertical
7	17864.75	47.87	8.54	54.00	6.13	150	Vertical

Final Data List

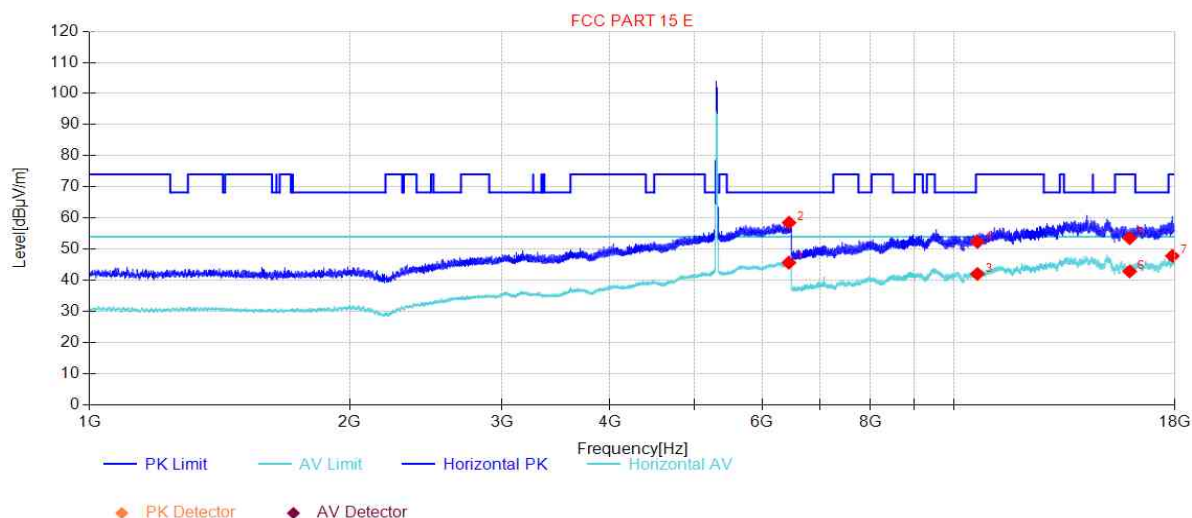


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.77 802.11AC20_Channel 64

Test Graph



Suspected List

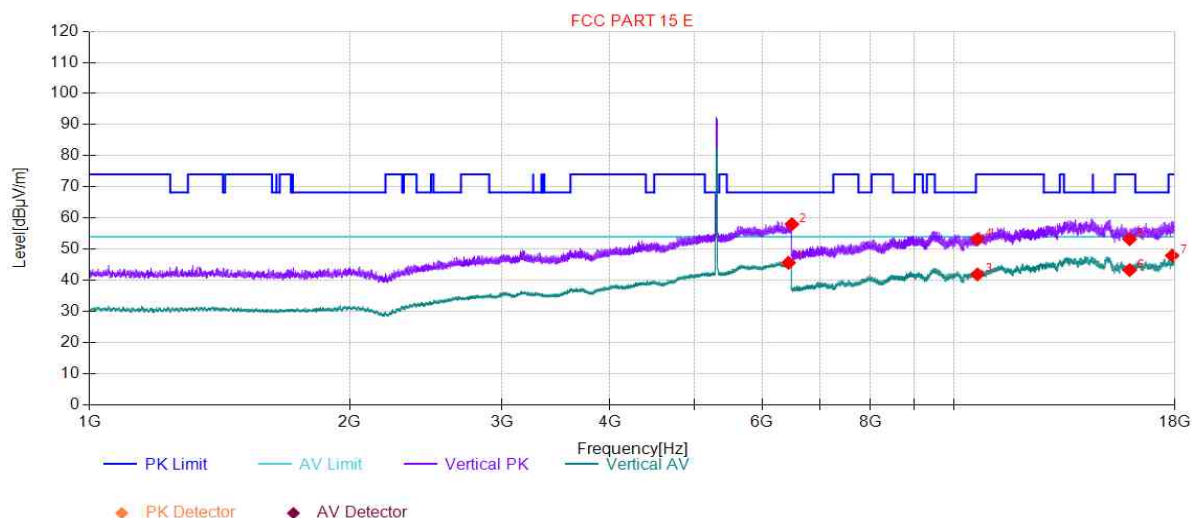
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6440.962	45.64	18.39	54.00	8.36	150	Horizontal
2	6444.263	58.48	18.41	68.20	9.72	150	Horizontal
3	10640.00	42.01	2.22	54.00	11.99	150	Horizontal
4	10640.00	52.28	2.22	74.00	21.72	150	Horizontal
5	15960.00	53.53	5.01	74.00	20.47	150	Horizontal
6	15960.00	42.83	5.01	54.00	11.17	150	Horizontal
7	17881.77	47.79	8.68	54.00	6.21	150	Horizontal

Final Data List



4.9.1.78 802.11AC20_Channel 64

Test Graph



Suspected List

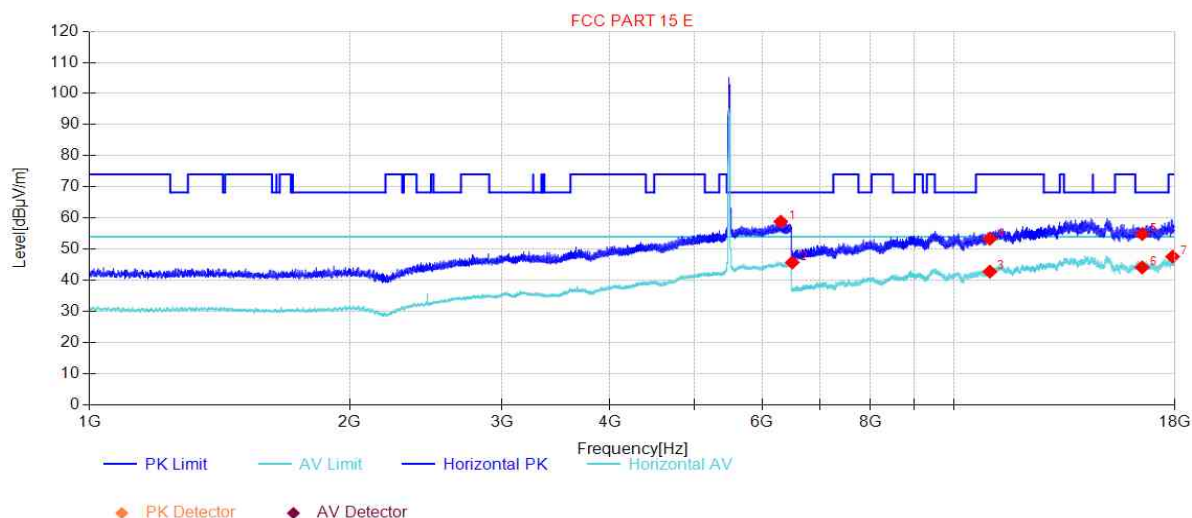
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.628	45.60	18.35	54.00	8.40	150	Vertical
2	6492.666	58.01	18.67	68.20	10.19	150	Vertical
3	10640.00	41.84	2.22	54.00	12.16	150	Vertical
4	10640.00	53.15	2.22	74.00	20.85	150	Vertical
5	15960.00	53.16	5.01	74.00	20.84	150	Vertical
6	15960.00	43.25	5.01	54.00	10.75	150	Vertical
7	17872.57	47.91	8.61	54.00	6.09	150	Vertical

Final Data List



4.9.1.79 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6303.086	58.79	18.47	68.20	9.41	150	Horizontal
2	6498.899	45.69	18.71	54.00	8.31	150	Horizontal
3	11000.00	42.75	2.74	54.00	11.25	150	Horizontal
4	11000.00	53.31	2.74	74.00	20.69	150	Horizontal
5	16500.00	54.83	5.09	68.20	13.37	150	Horizontal
6	16500.00	44.11	5.09	54.00	9.89	150	Horizontal
7	17893.73	47.57	8.78	54.00	6.43	150	Horizontal

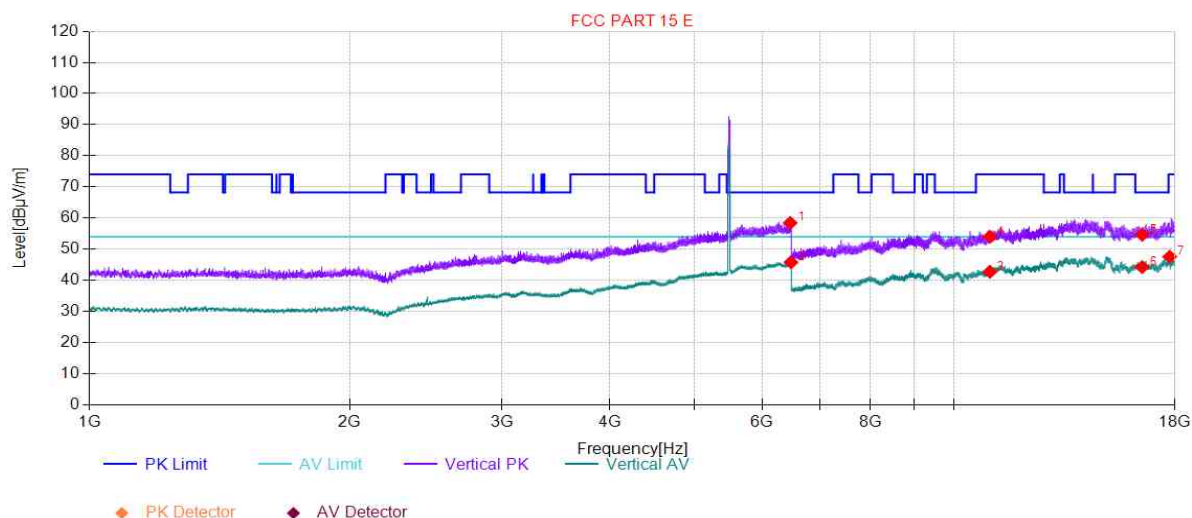
Final Data List



Report No.: AR/2020/B000305
Page: 105 of 397

4.9.1.80 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6462.597	58.41	18.51	68.20	9.79	150	Vertical
2	6477.265	45.77	18.59	54.00	8.23	150	Vertical
3	11000.00	42.73	2.74	54.00	11.27	150	Vertical
4	11000.00	53.94	2.74	74.00	20.06	150	Vertical
5	16500.00	54.61	5.09	68.20	13.59	150	Vertical
6	16500.00	44.23	5.09	54.00	9.77	150	Vertical
7	17753.89	47.53	7.80	54.00	6.47	150	Vertical

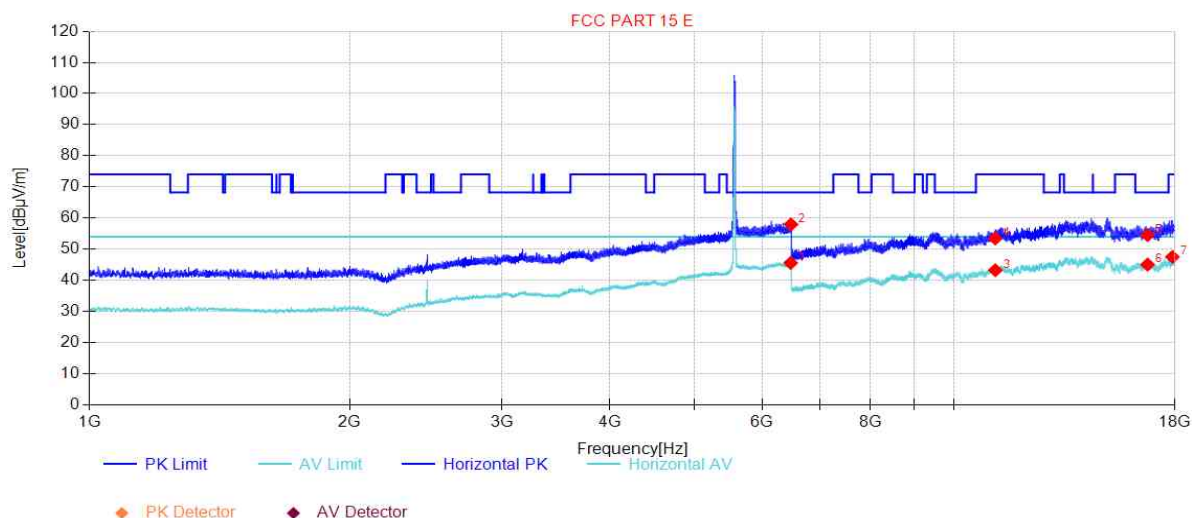
Final Data List



Report No.: AR/2020/B000305
Page: 106 of 397

4.9.1.81 802.11AC20_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.031	45.55	18.55	54.00	8.45	150	Horizontal
2	6477.265	57.95	18.59	68.20	10.25	150	Horizontal
3	11160.00	43.20	2.54	54.00	10.80	150	Horizontal
4	11160.00	53.41	2.54	74.00	20.59	150	Horizontal
5	16740.00	54.49	5.53	68.20	13.71	150	Horizontal
6	16740.00	45.03	5.53	54.00	8.97	150	Horizontal
7	17882.69	47.49	8.69	54.00	6.51	150	Horizontal

Final Data List



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

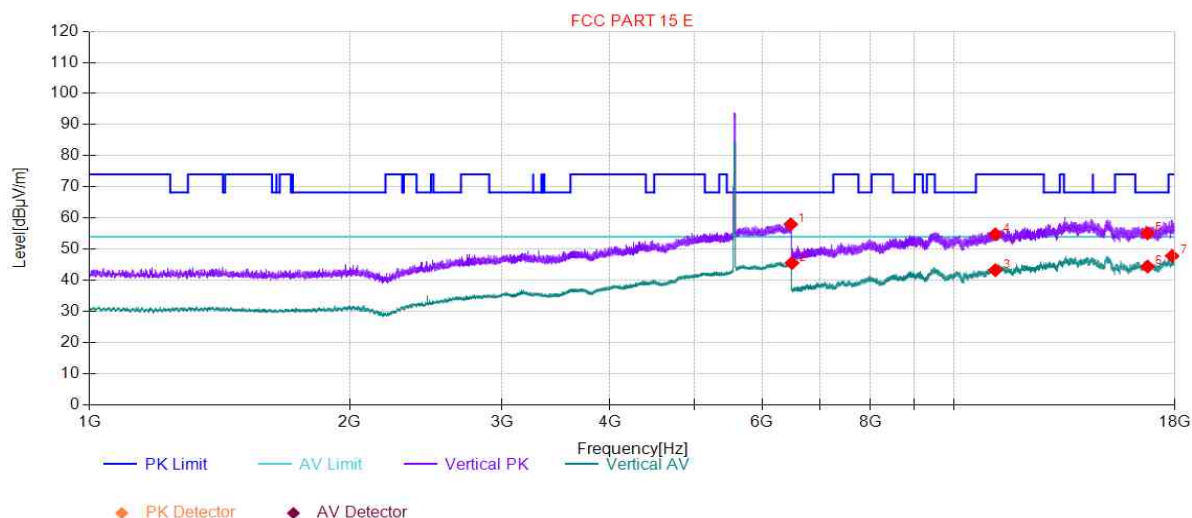
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Report No.: AR/2020/B000305
Page: 107 of 397

4.9.1.82 802.11AC20_Channel 116

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.231	57.98	18.57	68.20	10.22	150	Vertical
2	6493.766	45.55	18.68	54.00	8.45	150	Vertical
3	11160.00	43.21	2.54	54.00	10.79	150	Vertical
4	11160.00	54.75	2.54	74.00	19.25	150	Vertical
5	16740.00	55.06	5.53	68.20	13.14	150	Vertical
6	16740.00	44.40	5.53	54.00	9.60	150	Vertical
7	17871.65	47.80	8.60	54.00	6.20	150	Vertical

Final Data List



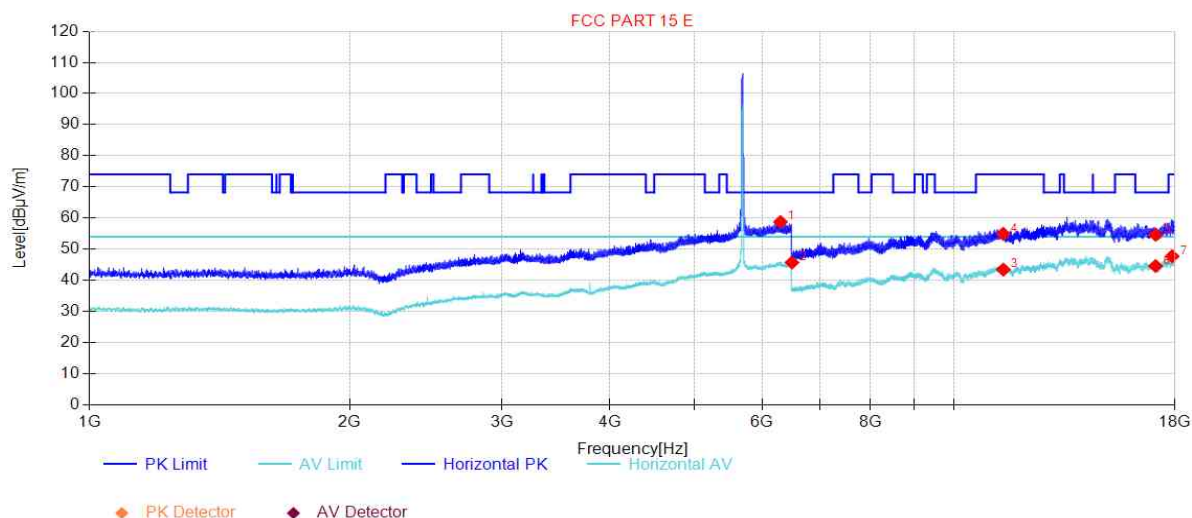
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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.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

4.9.1.83 802.11AC20_Channel 140

Test Graph



Suspected List

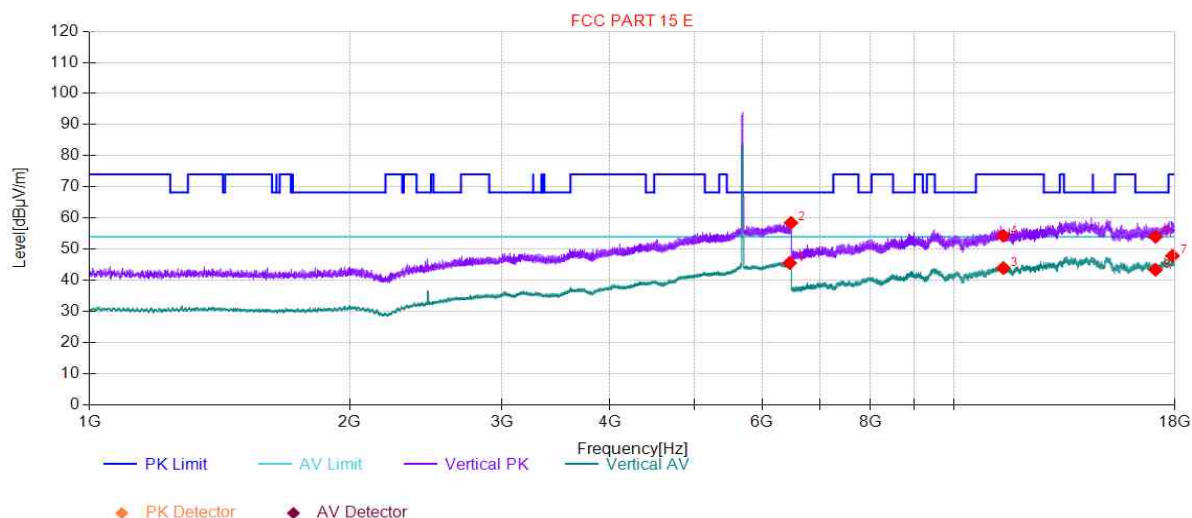
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6297.953	58.72	18.48	68.20	9.48	150	Horizontal
2	6493.766	45.69	18.68	54.00	8.31	150	Horizontal
3	11400.00	43.41	2.54	54.00	10.59	150	Horizontal
4	11400.00	54.90	2.54	74.00	19.10	150	Horizontal
5	17100.00	54.59	5.72	68.20	13.61	150	Horizontal
6	17100.00	44.57	5.72	54.00	9.43	150	Horizontal
7	17871.65	47.69	8.60	54.00	6.31	150	Horizontal

Final Data List



4.9.1.84 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6452.696	45.55	18.45	54.00	8.45	150	Vertical
2	6477.631	58.45	18.59	68.20	9.75	150	Vertical
3	11400.00	43.91	2.54	54.00	10.09	150	Vertical
4	11400.00	54.30	2.54	74.00	19.70	150	Vertical
5	17100.00	53.96	5.72	68.20	14.24	150	Vertical
6	17100.00	43.35	5.72	54.00	10.65	150	Vertical
7	17889.13	47.84	8.74	54.00	6.16	150	Vertical

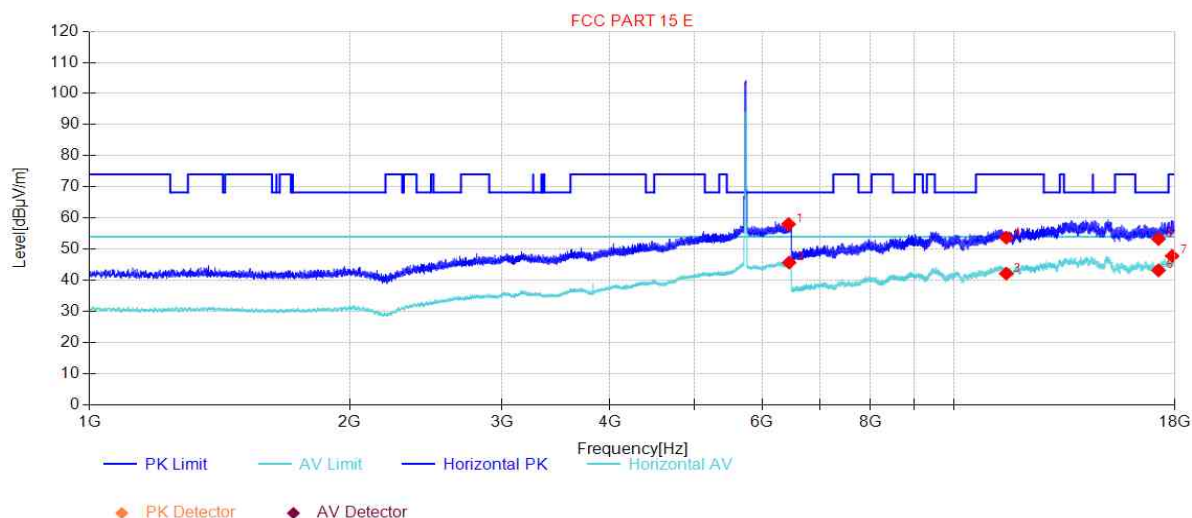
Final Data List



Report No.: AR/2020/B000305
Page: 110 of 397

4.9.1.85 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6435.462	58.03	18.36	68.20	10.17	150	Horizontal
2	6445.363	45.66	18.41	54.00	8.34	150	Horizontal
3	11490.00	42.11	2.10	54.00	11.89	150	Horizontal
4	11490.00	53.69	2.10	74.00	20.31	150	Horizontal
5	17235.00	53.27	6.10	68.20	14.93	150	Horizontal
6	17235.00	43.16	6.10	54.00	10.84	150	Horizontal
7	17872.11	47.79	8.60	54.00	6.21	150	Horizontal

Final Data List



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

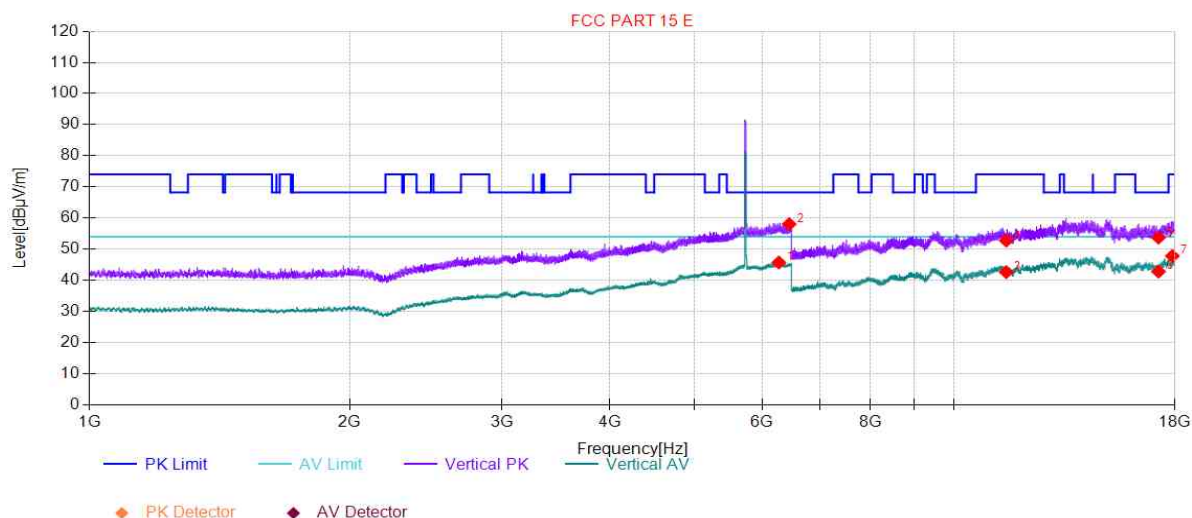
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

4.9.1.86 802.11AC20_Channel 149

Test Graph



Suspected List

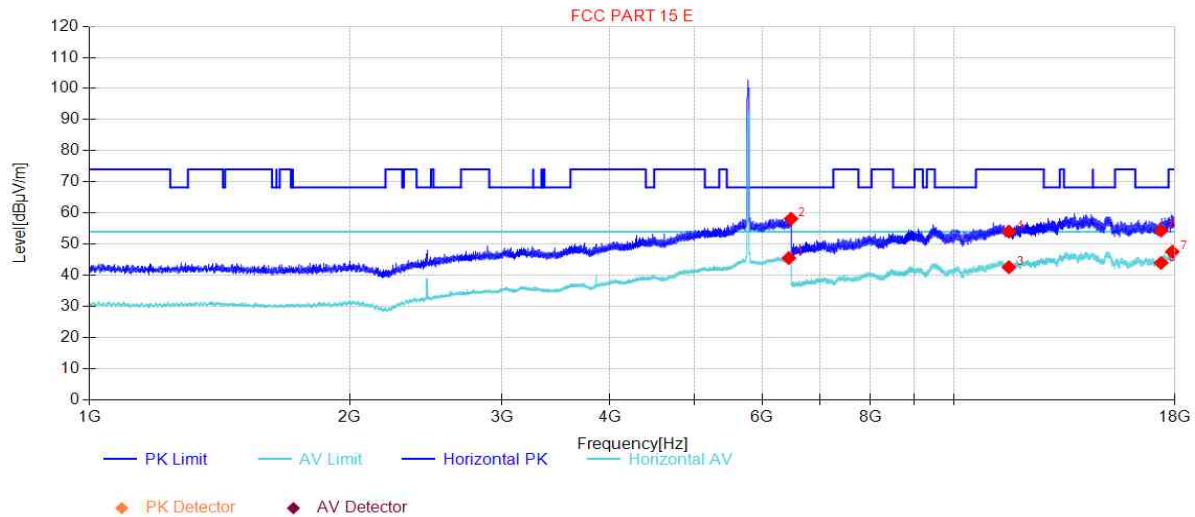
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6270.451	45.69	18.34	54.00	8.31	150	Vertical
2	6446.096	58.02	18.42	68.20	10.18	150	Vertical
3	11490.00	42.61	2.10	54.00	11.39	150	Vertical
4	11490.00	52.75	2.10	74.00	21.25	150	Vertical
5	17235.00	53.70	6.10	68.20	14.50	150	Vertical
6	17235.00	42.78	6.10	54.00	11.22	150	Vertical
7	17882.69	47.78	8.69	54.00	6.22	150	Vertical

Final Data List



4.9.1.87 802.11AC20_Channel 157

Test Graph



Suspected List

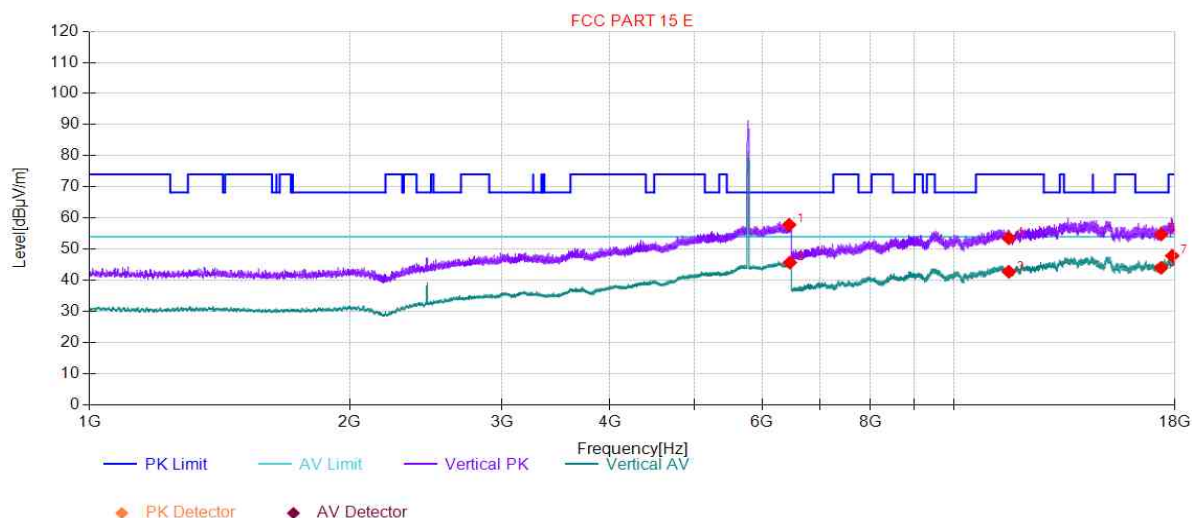
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6440.962	45.52	18.39	54.00	8.48	150	Horizontal
2	6477.998	58.14	18.59	68.20	10.06	150	Horizontal
3	11570.00	42.56	2.92	54.00	11.44	150	Horizontal
4	11570.00	54.02	2.92	74.00	19.98	150	Horizontal
5	17355.00	54.35	6.75	68.20	13.85	150	Horizontal
6	17355.00	43.94	6.75	54.00	10.06	150	Horizontal
7	17878.55	47.53	8.66	54.00	6.47	150	Horizontal

Final Data List



4.9.1.88 802.11AC20_Channel 157

Test Graph



Suspected List

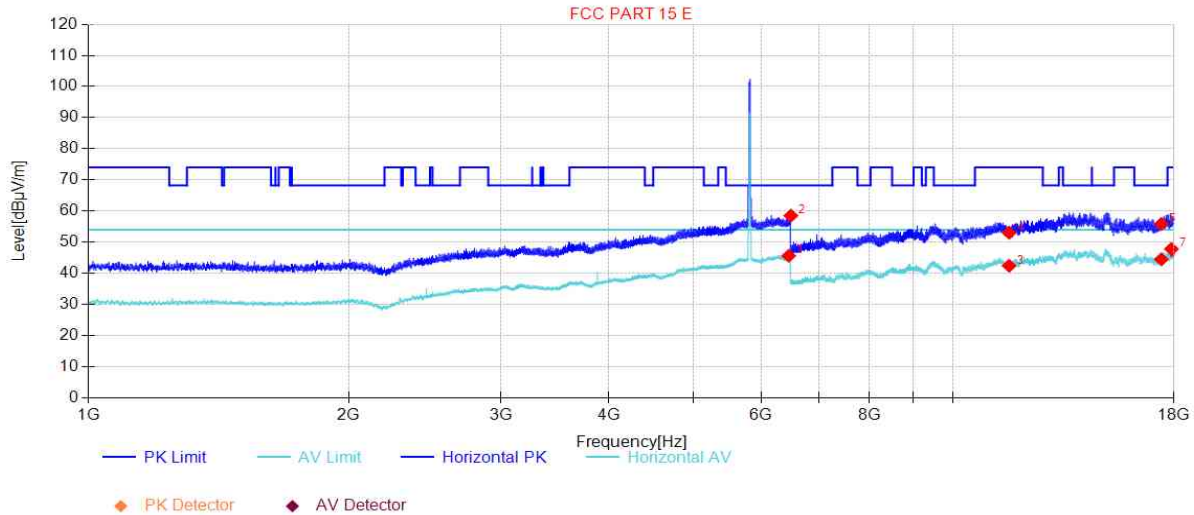
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.629	57.81	18.41	68.20	10.39	150	Vertical
2	6456.363	45.65	18.47	54.00	8.35	150	Vertical
3	11570.00	42.71	2.92	54.00	11.29	150	Vertical
4	11570.00	53.51	2.92	74.00	20.49	150	Vertical
5	17355.00	54.71	6.75	68.20	13.49	150	Vertical
6	17355.00	43.99	6.75	54.00	10.01	150	Vertical
7	17875.79	47.86	8.63	54.00	6.14	150	Vertical

Final Data List



4.9.1.89 802.11AC20_Channel 161

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.263	45.60	18.47	54.00	8.40	150	Horizontal
2	6491.932	58.49	18.67	68.20	9.71	150	Horizontal
3	11610.00	42.40	3.14	54.00	11.60	150	Horizontal
4	11610.00	53.01	3.14	74.00	20.99	150	Horizontal
5	17415.00	55.84	6.97	68.20	12.36	150	Horizontal
6	17415.00	44.47	6.97	54.00	9.53	150	Horizontal
7	17885.91	47.78	8.72	54.00	6.22	150	Horizontal

Final Data List

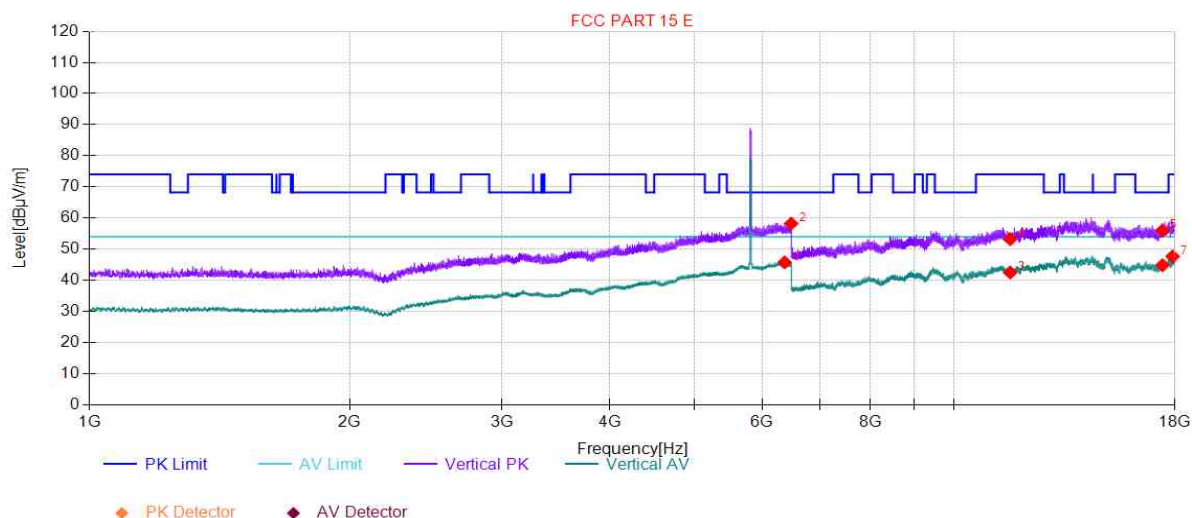


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.90 802.11AC20_Channel 161

Test Graph



Suspected List

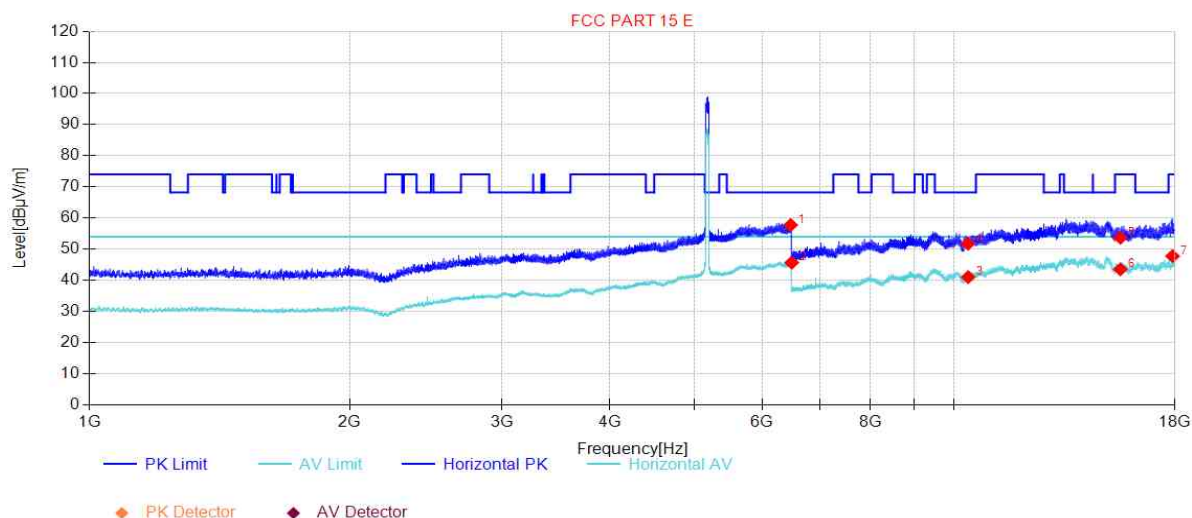
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6367.257	45.74	18.27	54.00	8.26	150	Vertical
2	6479.465	58.20	18.60	68.20	10.00	150	Vertical
3	11610.00	42.47	3.14	54.00	11.53	150	Vertical
4	11610.00	53.20	3.14	74.00	20.80	150	Vertical
5	17415.00	55.94	6.97	68.20	12.26	150	Vertical
6	17415.00	44.79	6.97	54.00	9.21	150	Vertical
7	17896.03	47.64	8.80	54.00	6.36	150	Vertical

Final Data List



4.9.1.91 802.11AC40_Channel 38

Test Graph



Suspected List

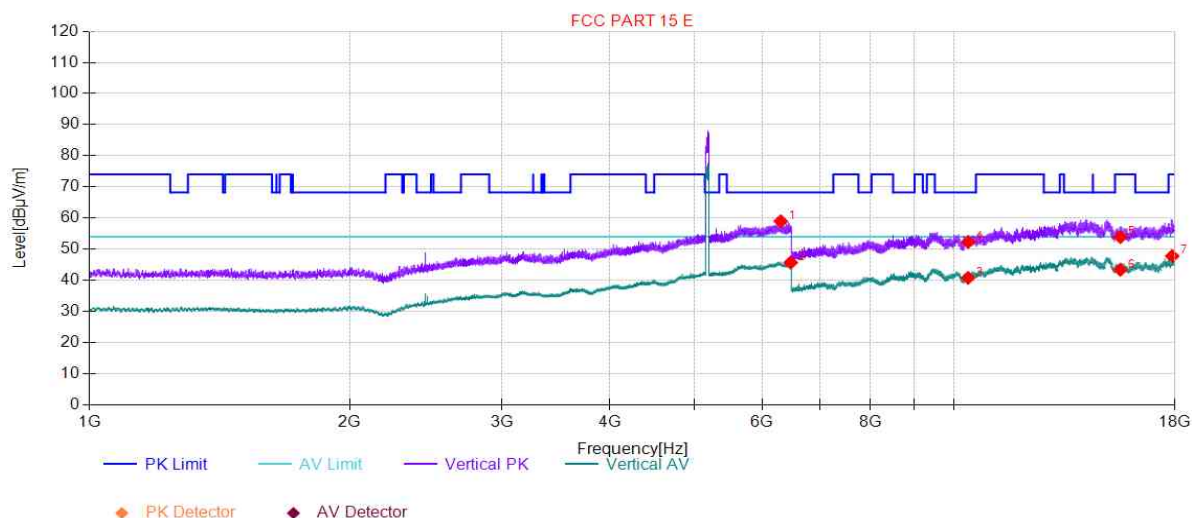
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.031	57.73	18.55	68.20	10.47	150	Horizontal
2	6489.732	45.66	18.66	54.00	8.34	150	Horizontal
3	10380.00	40.99	2.40	54.00	13.01	150	Horizontal
4	10380.00	51.76	2.40	68.20	16.44	150	Horizontal
5	15570.00	53.66	6.00	74.00	20.34	150	Horizontal
6	15570.00	43.49	6.00	54.00	10.51	150	Horizontal
7	17892.35	47.75	8.77	54.00	6.25	150	Horizontal

Final Data List



4.9.1.92 802.11AC40_Channel 38

Test Graph



Suspected List

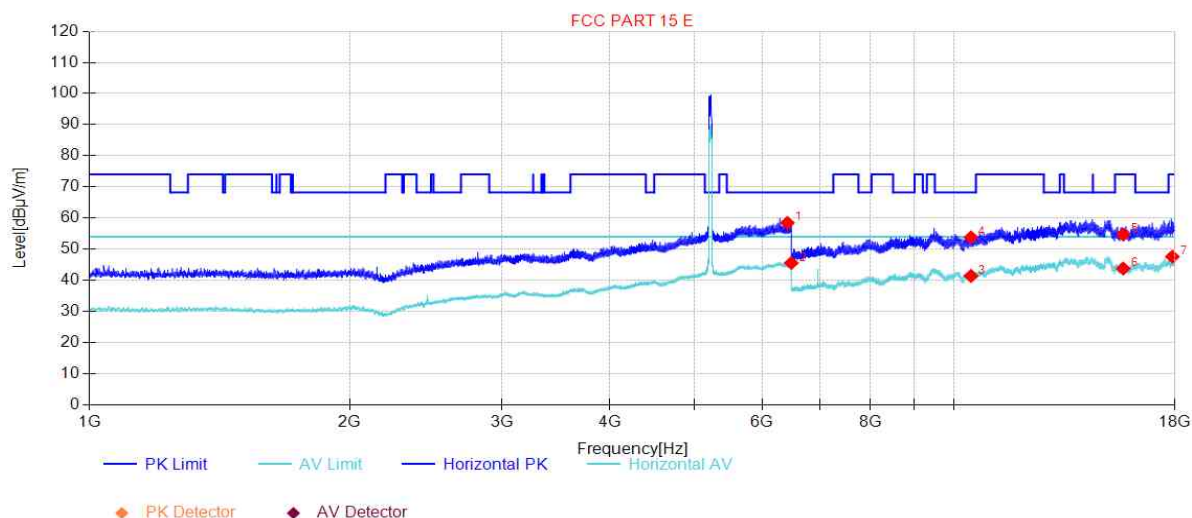
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6302.353	58.94	18.48	68.20	9.26	150	Vertical
2	6471.031	45.66	18.55	54.00	8.34	150	Vertical
3	10380.00	40.76	2.40	54.00	13.24	150	Vertical
4	10380.00	52.28	2.40	68.20	15.92	150	Vertical
5	15570.00	53.88	6.00	74.00	20.12	150	Vertical
6	15570.00	43.35	6.00	54.00	10.65	150	Vertical
7	17878.09	47.76	8.65	54.00	6.24	150	Vertical

Final Data List



4.9.1.93 802.11AC40_Channel 46

Test Graph



Suspected List

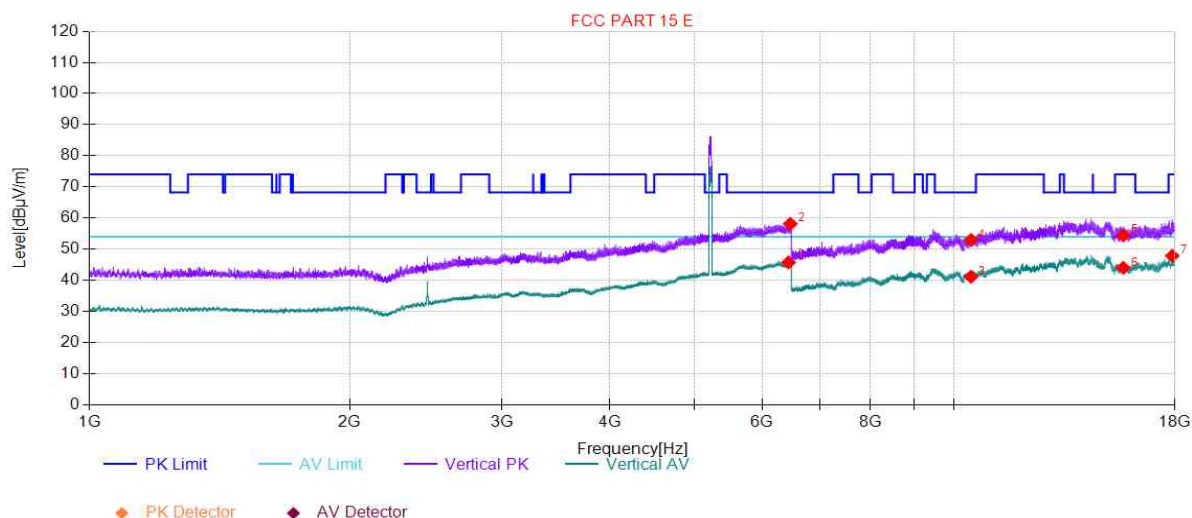
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6415.294	58.43	18.24	68.20	9.77	150	Horizontal
2	6482.032	45.55	18.62	54.00	8.45	150	Horizontal
3	10460.00	41.37	2.47	54.00	12.63	150	Horizontal
4	10460.00	53.76	2.47	68.20	14.44	150	Horizontal
5	15690.00	54.66	6.13	74.00	19.34	150	Horizontal
6	15690.00	43.74	6.13	54.00	10.26	150	Horizontal
7	17882.23	47.55	8.69	54.00	6.45	150	Horizontal

Final Data List



4.9.1.94 802.11AC40_Channel 46

Test Graph



Suspected List

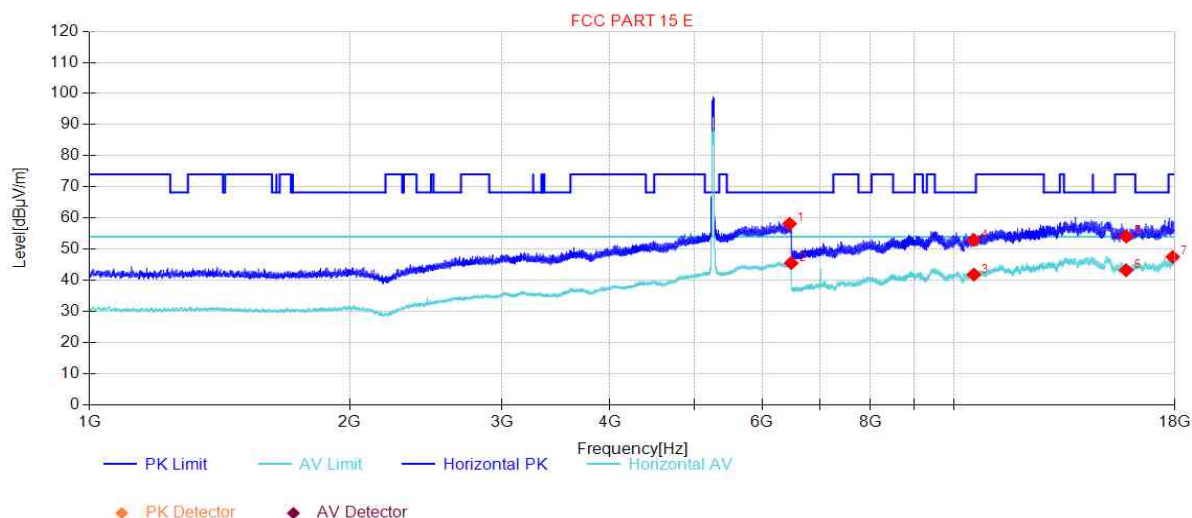
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6434.362	45.72	18.35	54.00	8.28	150	Vertical
2	6464.431	58.12	18.52	68.20	10.08	150	Vertical
3	10460.00	41.13	2.47	54.00	12.87	150	Vertical
4	10460.00	52.92	2.47	68.20	15.28	150	Vertical
5	15690.00	54.40	6.13	74.00	19.60	150	Vertical
6	15690.00	43.98	6.13	54.00	10.02	150	Vertical
7	17875.33	47.86	8.63	54.00	6.14	150	Vertical

Final Data List



4.9.1.95 802.11AC40_Channel 54

Test Graph



Suspected List

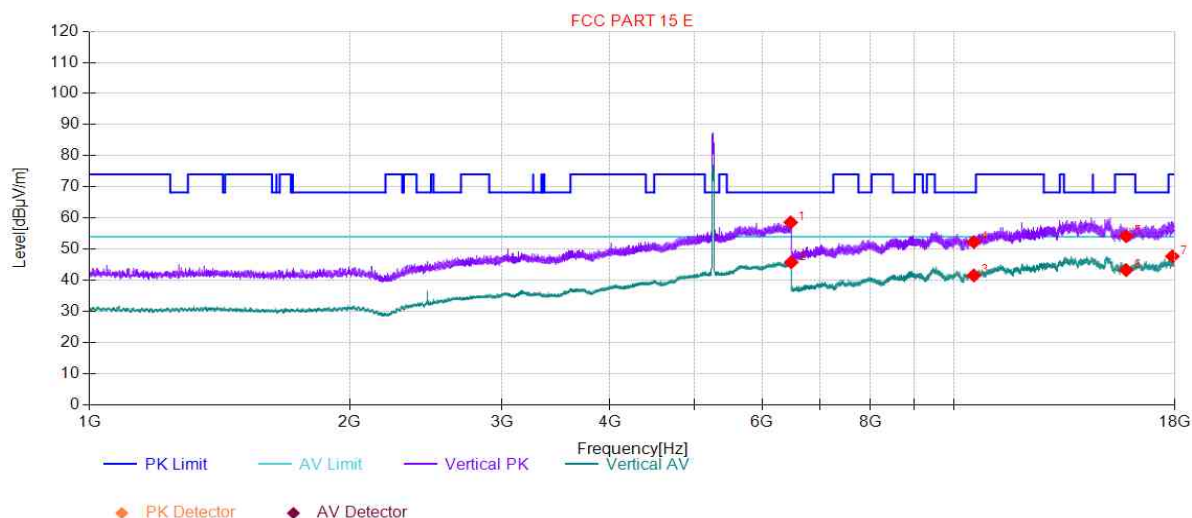
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6452.330	58.14	18.45	68.20	10.06	150	Horizontal
2	6480.932	45.51	18.61	54.00	8.49	150	Horizontal
3	10540.00	41.80	2.39	54.00	12.20	150	Horizontal
4	10540.00	52.91	2.39	68.20	15.29	150	Horizontal
5	15810.00	54.03	5.12	74.00	19.97	150	Horizontal
6	15810.00	43.20	5.12	54.00	10.80	150	Horizontal
7	17899.25	47.47	8.83	54.00	6.53	150	Horizontal

Final Data List



4.9.1.96 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.398	58.59	18.56	68.20	9.61	150	Vertical
2	6480.198	45.75	18.61	54.00	8.25	150	Vertical
3	10540.00	41.52	2.39	54.00	12.48	150	Vertical
4	10540.00	52.25	2.39	68.20	15.95	150	Vertical
5	15810.00	54.15	5.12	74.00	19.85	150	Vertical
6	15810.00	43.24	5.12	54.00	10.76	150	Vertical
7	17881.31	47.68	8.68	54.00	6.32	150	Vertical

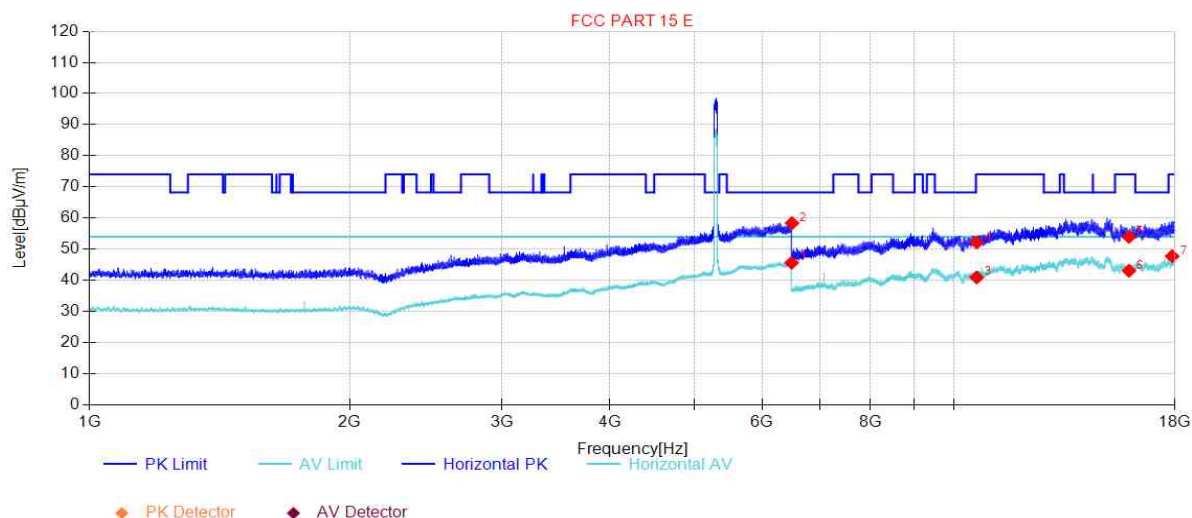
Final Data List



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

4.9.1.97 802.11AC40_Channel 62

Test Graph



Suspected List

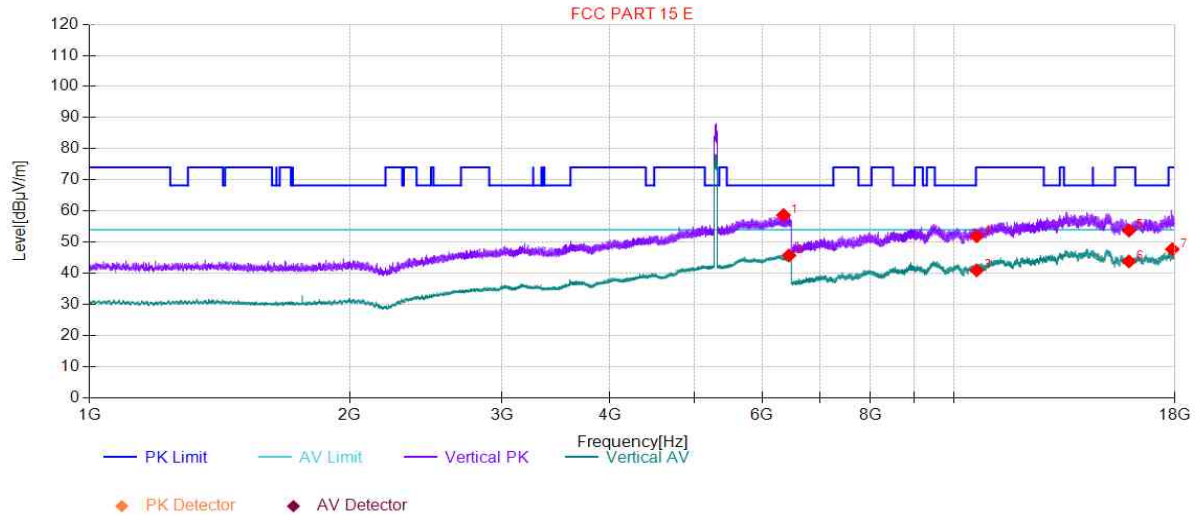
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6487.532	45.61	18.65	54.00	8.39	150	Horizontal
2	6494.132	58.36	18.68	68.20	9.84	150	Horizontal
3	10620.00	40.88	2.23	54.00	13.12	150	Horizontal
4	10620.00	52.11	2.23	74.00	21.89	150	Horizontal
5	15930.00	53.96	5.15	74.00	20.04	150	Horizontal
6	15930.00	43.05	5.15	54.00	10.95	150	Horizontal
7	17875.33	47.71	8.63	54.00	6.29	150	Horizontal

Final Data List



4.9.1.98 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6350.023	58.68	18.32	68.20	9.52	150	Vertical
2	6442.062	45.71	18.39	54.00	8.29	150	Vertical
3	10620.00	40.95	2.23	54.00	13.05	150	Vertical
4	10620.00	51.86	2.23	74.00	22.14	150	Vertical
5	15930.00	53.71	5.15	74.00	20.29	150	Vertical
6	15930.00	43.80	5.15	54.00	10.20	150	Vertical
7	17878.09	47.70	8.65	54.00	6.30	150	Vertical

Final Data List

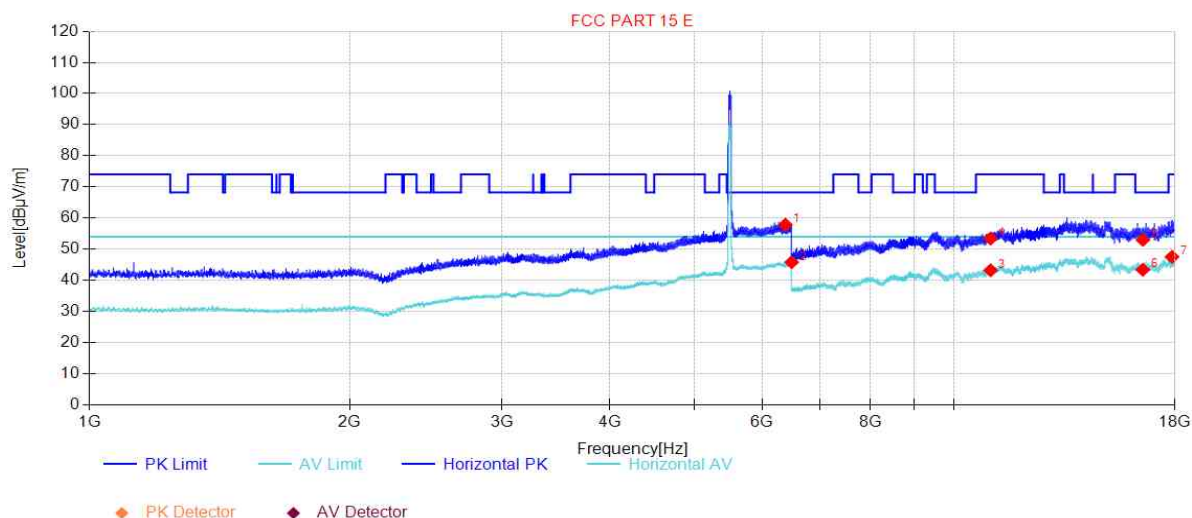


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.99 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6380.458	57.81	18.22	68.20	10.39	150	Horizontal
2	6487.165	45.78	18.64	54.00	8.22	150	Horizontal
3	11020.00	43.17	2.69	54.00	10.83	150	Horizontal
4	11020.00	53.41	2.69	74.00	20.59	150	Horizontal
5	16530.00	52.99	5.27	68.20	15.21	150	Horizontal
6	16530.00	43.37	5.27	54.00	10.63	150	Horizontal
7	17868.43	47.50	8.57	54.00	6.50	150	Horizontal

Final Data List

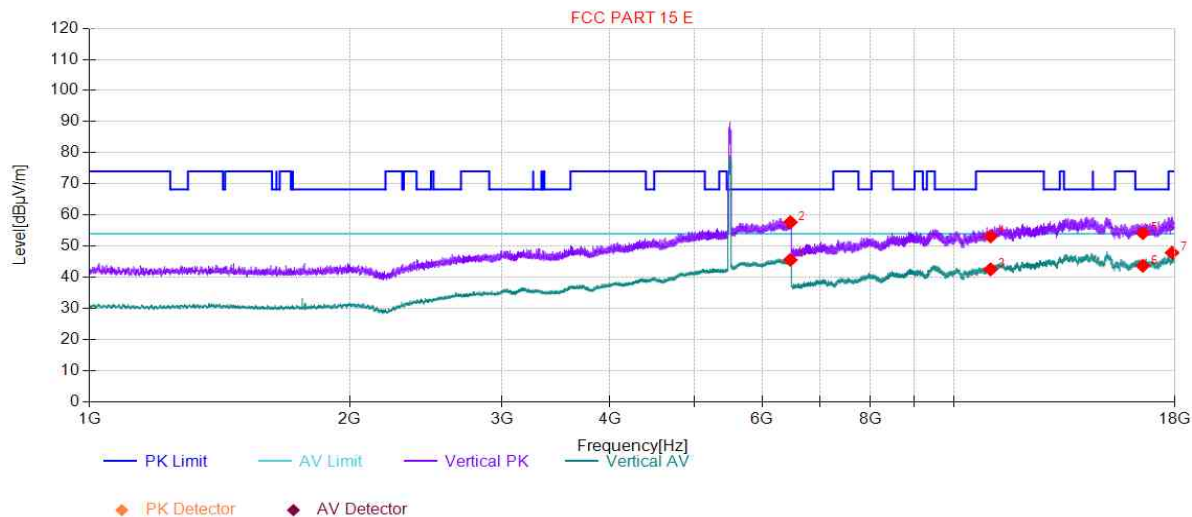


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

4.9.1.100 802.11AC40_Channel 102

Test Graph



Suspected List

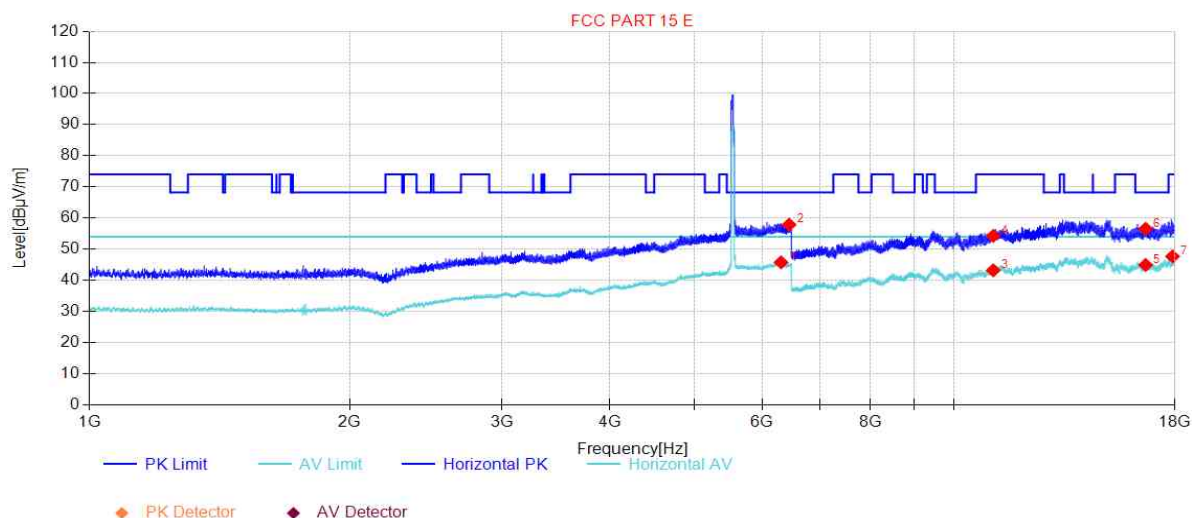
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6466.264	45.57	18.53	54.00	8.43	150	Vertical
2	6466.631	57.68	18.53	68.20	10.52	150	Vertical
3	11020.00	42.52	2.69	54.00	11.48	150	Vertical
4	11020.00	53.11	2.69	74.00	20.89	150	Vertical
5	16530.00	54.20	5.27	68.20	14.00	150	Vertical
6	16530.00	43.68	5.27	54.00	10.32	150	Vertical
7	17869.81	47.87	8.58	54.00	6.13	150	Vertical

Final Data List



4.9.1.101 802.11AC40_Channel 110

Test Graph



Suspected List

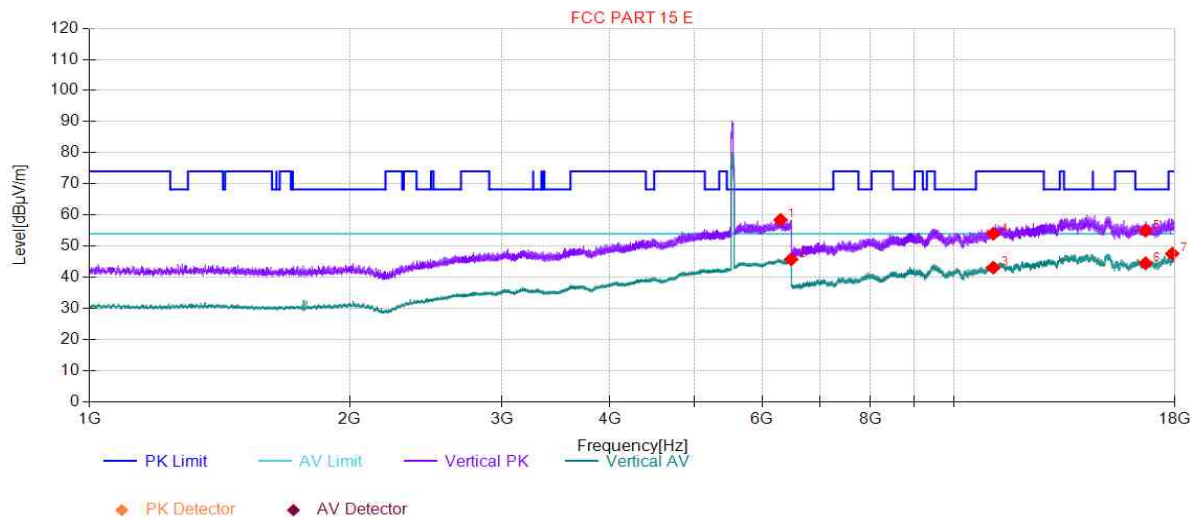
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6307.853	45.72	18.46	54.00	8.28	150	Horizontal
2	6444.629	57.85	18.41	68.20	10.35	150	Horizontal
3	11100.00	43.17	2.49	54.00	10.83	150	Horizontal
4	11100.00	54.25	2.49	74.00	19.75	150	Horizontal
5	16650.00	44.91	5.74	54.00	9.09	150	Horizontal
6	16650.00	56.51	5.74	68.20	11.69	150	Horizontal
7	17890.51	47.65	8.75	54.00	6.35	150	Horizontal

Final Data List



4.9.1.102 802.11AC40_Channel 110

Test Graph



Suspected List

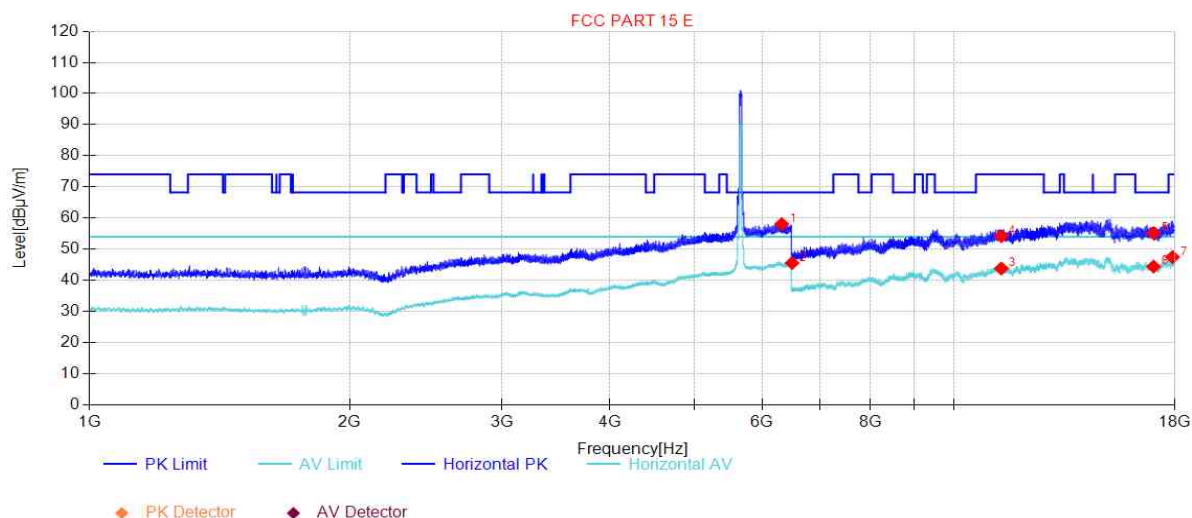
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6299.053	58.44	18.48	68.20	9.76	150	Vertical
2	6480.565	45.74	18.61	54.00	8.26	150	Vertical
3	11100.00	43.06	2.49	54.00	10.94	150	Vertical
4	11100.00	53.96	2.49	74.00	20.04	150	Vertical
5	16650.00	54.95	5.74	68.20	13.25	150	Vertical
6	16650.00	44.47	5.74	54.00	9.53	150	Vertical
7	17877.17	47.55	8.64	54.00	6.45	150	Vertical

Final Data List



4.9.1.103 802.11AC40_Channel 134

Test Graph



Suspected List

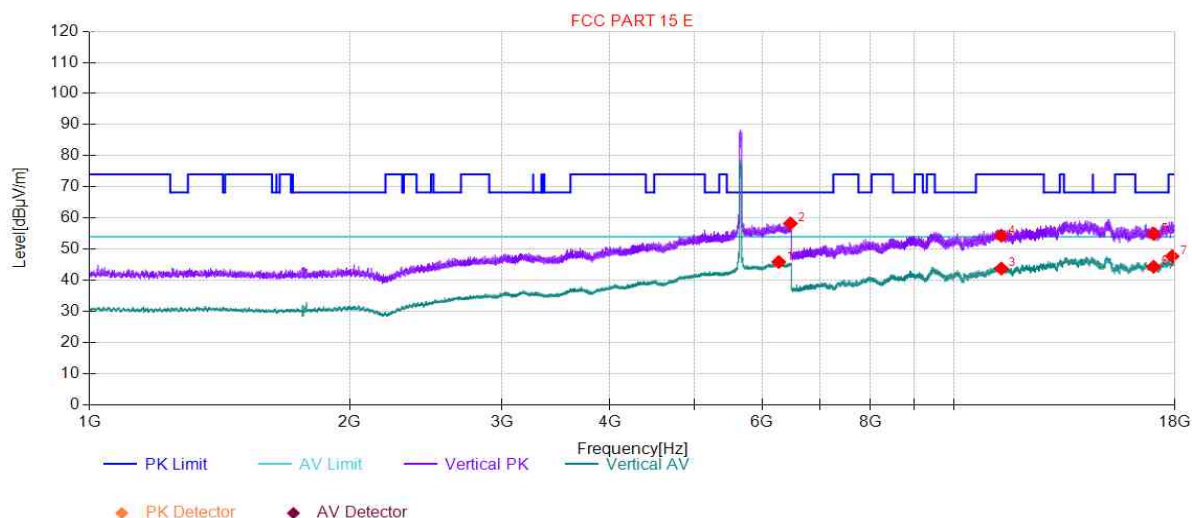
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6319.221	58.03	18.42	68.20	10.17	150	Horizontal
2	6495.966	45.53	18.69	54.00	8.47	150	Horizontal
3	11340.00	43.77	2.55	54.00	10.23	150	Horizontal
4	11340.00	54.15	2.55	74.00	19.85	150	Horizontal
5	17010.00	55.14	6.16	68.20	13.06	150	Horizontal
6	17010.00	44.38	6.16	54.00	9.62	150	Horizontal
7	17885.91	47.44	8.72	54.00	6.56	150	Horizontal

Final Data List



4.9.1.104 802.11AC40_Channel 134

Test Graph



Suspected List

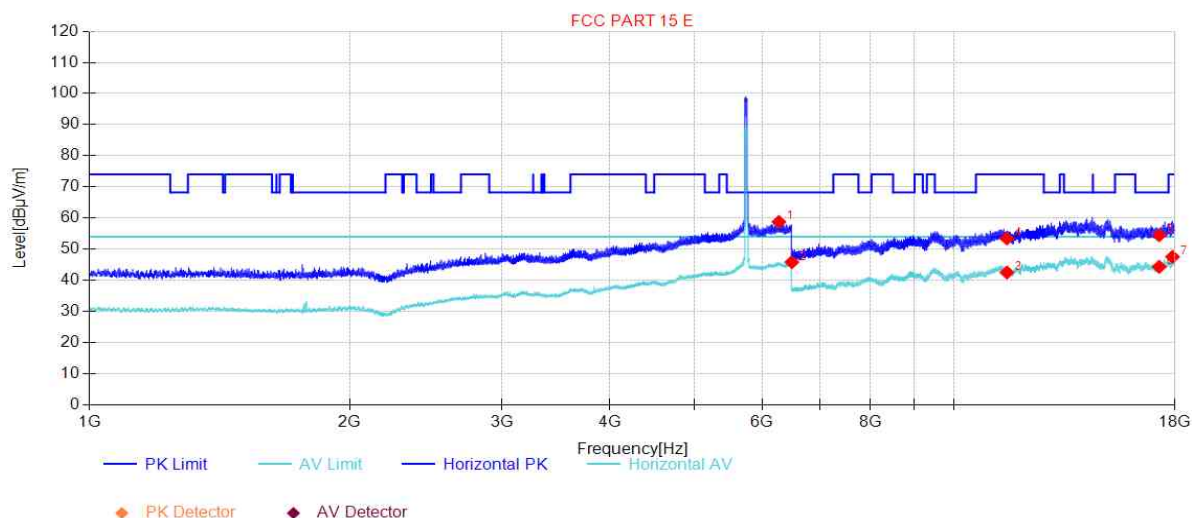
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6268.984	45.86	18.33	54.00	8.14	150	Vertical
2	6466.264	58.22	18.53	68.20	9.98	150	Vertical
3	11340.00	43.75	2.55	54.00	10.25	150	Vertical
4	11340.00	54.31	2.55	74.00	19.69	150	Vertical
5	17010.00	54.90	6.16	68.20	13.30	150	Vertical
6	17010.00	44.33	6.16	54.00	9.67	150	Vertical
7	17875.33	47.72	8.63	54.00	6.28	150	Vertical

Final Data List



4.9.1.105 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6271.184	58.74	18.35	68.20	9.46	150	Horizontal
2	6491.199	45.81	18.67	54.00	8.19	150	Horizontal
3	11510.00	42.49	2.17	54.00	11.51	150	Horizontal
4	11510.00	53.42	2.17	74.00	20.58	150	Horizontal
5	17265.00	54.46	6.33	68.20	13.74	150	Horizontal
6	17265.00	44.31	6.33	54.00	9.69	150	Horizontal
7	17889.59	47.53	8.75	54.00	6.47	150	Horizontal

Final Data List

