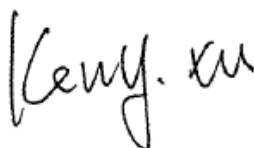


TEST REPORT

Application No.: SZCR2512005363TL
Applicant: UAB Teltonika Networks
Address of Applicant: K. Barsausko st. 66, Kaunas LT-51436 Lithuania
Manufacturer: TELTONIKA NETWORKS, UAB
Address of Manufacturer: K. Baršausko st. 66, LT-51436, Kaunas, Lithuania
Factory: TELTONIKA EMS, UAB
Address of Factory: Paluokesos st. 11, LT-33133, Molėtai, Lithuania
Equipment Under Test (EUT):
EUT Name: 5G Wi-Fi 6 Router, LTE Wi-Fi 6 Router
Model No.: RUTC54, RUTC16 ♣
♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark: TELTONIKA
FCC ID: 2AET4RUTC54
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-12-04
Date of Test: 2025-12-08 to 2026-04-10
Date of Issue: 2026-04-14

Test Result:	Pass*
---------------------	--------------

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


Keny Xu
EMC 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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

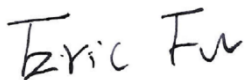
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 2 of 603

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2026-04-14		Original

Authorized for issue by:				
				
		Charlie Dai/Project Engineer		
				
		Eric Fu/Reviewer		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2020) Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2020) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10 (2020) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Declaration of EUT Family Grouping:

Model No.: RUTC54, RUTC16

Since according to the declaration from the applicant, the electrical circuit design, PCB layout, components used, internal wiring and functions were identical for all the above models, with only difference on assembly variant, RUTC16 is constructed with fewer components and a different M.2 mobile modem, when compared to RUTC54.

Based on this, all test items shall be tested mainly with RUTC54, while RUTC16 shall be used for Radiated Spurious Emissions Below 1GHz and Conducted Emissions at AC Power Line (150kHz-30MHz).



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

3 Contents

	Page
1 Cover Page	1
2 Test Summary	3
3 Contents	5
4 General Information	7
4.1 Details of E.U.T.	7
4.2 Description of Support Units	8
4.3 Measurement Uncertainty	9
4.4 Test Location	10
4.5 Test Facility	10
4.6 Deviation from Standards	10
4.7 Abnormalities from Standard Conditions	10
5 Equipment List	11
6 Radio Spectrum Technical Requirement	14
6.1 Antenna Requirement	14
6.1.1 Test Requirement:	14
6.1.2 Conclusion	14
6.2 Transmission in the Absence of Data	15
6.2.1 Test Requirement:	15
6.2.2 Conclusion	15
7 Radio Spectrum Matter Test Results	16
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)	16
7.1.1 E.U.T. Operation	16
7.1.2 Test Mode Description	16
7.1.3 Test Setup Diagram	17
7.1.4 Measurement Procedure and Data	17
7.2 Radiated Emissions (Below 1GHz)	22
7.2.1 E.U.T. Operation	22
7.2.2 Test Mode Description	23
7.2.3 Test Setup Diagram	23
7.2.4 Measurement Procedure and Data	24
7.3 Radiated Emissions (Above 1GHz)	37
7.3.1 E.U.T. Operation	38
7.3.2 Test Mode Description	38
7.3.3 Test Setup Diagram	39
7.3.4 Measurement Procedure and Data	40
7.4 Radiated Emissions which fall in the restricted bands	70
7.4.1 E.U.T. Operation	71
7.4.2 Test Mode Description	71
7.4.3 Test Setup Diagram	71



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 6 of 603

7.4.4	Measurement Procedure and Data.....	72
7.5	Duty Cycle	132
7.5.1	E.U.T. Operation	132
7.5.2	Test Mode Description	132
7.5.3	Test Setup Diagram	133
7.5.4	Measurement Procedure and Data.....	133
7.6	99% Bandwidth	134
7.6.1	E.U.T. Operation	134
7.6.2	Test Mode Description	134
7.6.3	Test Setup Diagram	135
7.6.4	Measurement Procedure and Data.....	135
7.7	26dB Emission bandwidth	136
7.7.1	E.U.T. Operation	136
7.7.2	Test Mode Description	136
7.7.3	Test Setup Diagram	137
7.7.4	Measurement Procedure and Data.....	137
7.8	Minimum 6 dB bandwidth (5.725-5.85 GHz band)	138
7.8.1	E.U.T. Operation	138
7.8.2	Test Mode Description	138
7.8.3	Test Setup Diagram	138
7.8.4	Measurement Procedure and Data.....	138
7.9	Maximum Conducted output power	139
7.9.1	E.U.T. Operation	139
7.9.2	Test Mode Description	140
7.9.3	Test Setup Diagram	140
7.9.4	Measurement Procedure and Data.....	140
7.10	Peak Power spectrum density.....	141
7.10.1	E.U.T. Operation.....	141
7.10.2	Test Mode Description.....	141
7.10.3	Test Setup Diagram.....	142
7.10.4	Measurement Procedure and Data	142
7.11	Frequency Stability.....	143
7.11.1	E.U.T. Operation.....	143
7.11.2	Test Mode Description.....	143
7.11.3	Test Setup Diagram.....	144
7.11.4	Measurement Procedure and Data	144
7.11.5	Measurement Procedure and Data	145
7.12	Transmitter Power Control	146
7.12.1	E.U.T. Operation.....	146
7.12.2	Test Mode Description.....	146
7.12.3	Test Setup Diagram.....	147
7.12.4	Measurement Procedure and Data	147
8	Test Setup Photo	148
9	EUT Constructional Details (EUT Photos)	148
10	Appendix.....	149



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4 General Information

4.1 Details of E.U.T.

Power supply:	RUTC54: Power by switching adapter Model No.: ASSA67A-120200 Input: AC 100-240V, 50/60Hz, 0.8A Output: DC 12V, 2.0A RUTC16: Power by switching adapter Model No.: SJ-12020033 Input: AC 100-240V, 50/60Hz, 0.8A Output: DC 12V, 2.0A
Cable(s):	RUTC54: DC cable from Adapter 200cm unshielded; 1 pcs GPS antenna 295cm unshielded; LAN cable 156cm unshielded; 3 pcs WIFI antenna 151.5cm unshielded; 4 pcs Mobile antenna 150cm shielded. RUTC16: DC cable from Adapter 200cm unshielded; 1 pcs GPS antenna 295cm unshielded; LAN cable 156cm unshielded; 3 pcs WIFI antenna 151.5cm unshielded; 2 pcs Mobile antenna 150cm shielded.
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency/Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channels); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel)
Operation Frequency/Number of channels (160MHz):	U-NII-1&2A: 5250MHz (1 Channel); U-NII-2C: 5570MHz (1 Channels)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 8 of 603

Channel Spacing:	802.11a/n/ac/ax: 20MHz; 802.11n/ac/ax: 40MHz; 802.11ac/ax: 80MHz; 802.11ac/ax: 160MHz
DFS Function:	Master
Antenna Type:	RP-SMA Connector
Antenna Gain:	ANT1&ANT2&ANT3:3dBi
Cable Loss (for RF conducted test):	1.5dB

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--
The EUT has been tested as an independent unit.			



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.2\text{dB}$
Radiated Emissions (Below 1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (below 1GHz); $\pm 4.6\text{dB}$ (above 1GHz);
Duty Cycle	$\pm 0.3\%$
99% Bandwidth	$\pm 0.3\%$
26dB Emission bandwidth	$\pm 0.3\%$
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	$\pm 0.3\%$
Maximum Conducted output power	$\pm 0.8\text{dB}$
Peak Power spectrum density	$\pm 0.4\text{dB}$
Frequency Stability	$\pm 5.4 \times 10^{-8}$
Transmitter Power Control	$\pm 0.8\text{dB}$

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Inspection & Testing Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 10 of 603

4.4 Test Location

All tests were performed at:

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

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

• A2LA (Certificate No. 3816.01)

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

• VCCI (Member No. 1937)

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. Shenzhen EMC laboratory 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: CN1336

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

Designation Number: CN1336. Test Firm Registration Number: 787754.

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2024-12-16 2025-12-15	2025-12-15 2026-12-14
Matching Pad	N/A	N/A	SEM021-23	2025-03-19 2026-03-20	2026-03-18 2027-03-19
Matching Pad	N/A	N/A	SEM021-24	2025-03-19 2026-03-20	2026-03-18 2027-03-19
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2025-07-05	2026-07-04
LISN	Rohde&Schwarz	ENV216	SEM007-01	2025-07-25	2026-07-24
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03 2026-02-24	2026-03-02 2027-02-23

Radiated Spurious Emissions Below 30MHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2025-03-21 2026-03-21	2026-03-20 2027-03-20
MXE EMI receiver	KEYSIGHT	N9038A	SEM004-16	2025-07-25	2026-07-24
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-18	2025-08-29	2027-08-28
Pre-amplifier	Sonoma Instrument Co	310N	SEM005-04	2025-03-04	2027-02-01
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2025-11-17	2027-11-16
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2025-07-05	2026-07-04

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2025-11-17	2027-11-16
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2025-07-25	2026-07-24
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2025-08-29	2027-08-28
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 12 of 603

				2026-02-02	2027-02-01
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2025-07-05	2026-07-04

Radiated Emissions (Above 1GHz)

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2024-12-17 2025-12-16	2025-12-16 2026-12-15
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2024-12-17 2025-12-16	2025-12-16 2026-12-15
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2024-12-17 2025-12-16	2025-12-16 2026-12-15
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2024-12-17 2025-12-16	2025-12-16 2026-12-15
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2024-12-17 2025-12-16	2025-12-16 2026-12-15
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22

Radiated Emissions which fall in the restricted bands

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2024-12-17 2025-12-16	2025-12-16 2026-12-15
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2024-12-17 2025-12-16	2025-12-16 2026-12-15
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2024-12-14 2025-12-13	2025-12-13 2026-12-12
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2024-12-14 2025-12-13	2025-12-13 2026-12-12
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 13 of 603

RF Conducted Test					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2025-07-24	2026-07-23
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04 2026-02-03	2026-03-03 2027-02-02
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2025-09-10	2026-09-09
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2025-07-05	2026-07-04
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03 2026-02-02	2026-03-02 2027-02-01
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26 2026-02-03	2026-02-25 2027-02-02
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04 2026-02-04	2026-03-03 2027-02-03
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2025-03-04 2026-02-04	2026-03-03 2027-02-03
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-03 2026-02-02	2026-03-02 2027-02-01
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-03 2026-02-02	2026-03-02 2027-02-01
MXG Vector Signal Generator	Agilent	N5182A	SEM006-21	2025-03-03 2026-02-03	2026-03-02 2027-02-02
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2025-03-04 2026-02-02	2026-03-03 2027-02-01

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2025-07-23	2026-07-22
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2025-07-23	2026-07-22
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03 2026-02-14	2026-03-02 2027-02-13



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is a dipole antenna with RP-SMA connector. The best case gain of the antenna is ANT1 & ANT2 & ANT3: 3dBi.

Directional gain = $G_{ANT} + \text{Array Gain}$

For power spectral density (PSD):

Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB = $10 \log 3 = 3$ dB; Directional gain = $3 + 4.77 = 7.77$ dBi

For power:

Array Gain = 0 dB for $N_{ANT} \leq 4$; Directional gain = 3 dBi

Antenna location: Refer to external & internal photos



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing 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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2020) Section 6.2

Test Engineer: Wade Li

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	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.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

Humidity: 44.5 % RH

Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

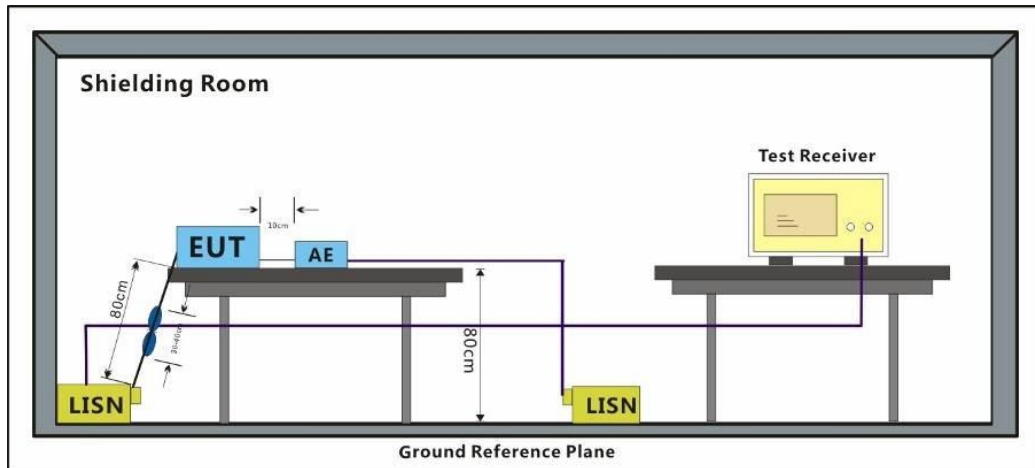


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

- 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 50ohm/50μH + 5ohm 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 on conducted measurement.

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

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

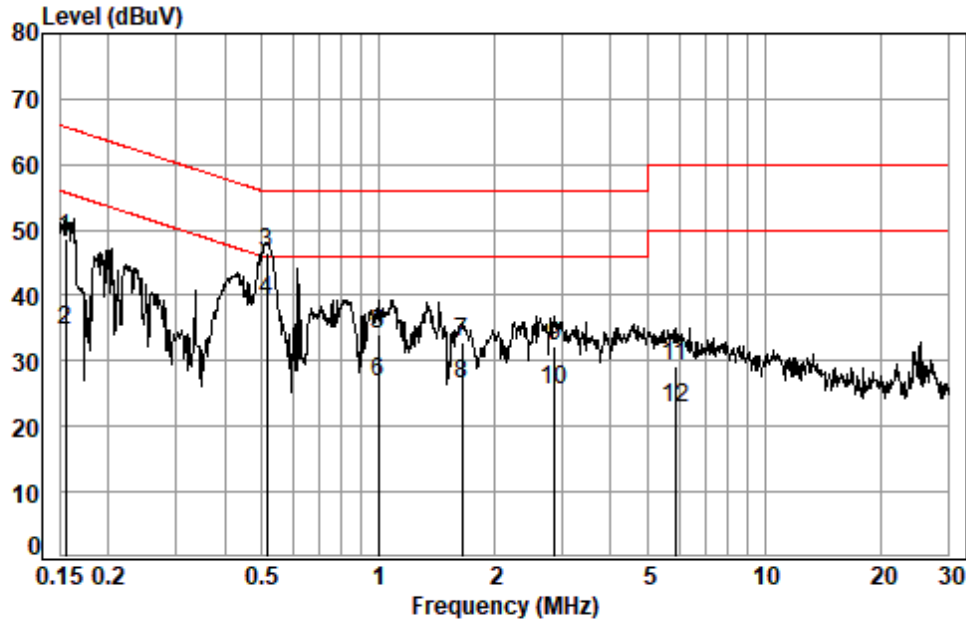
SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 18 of 603

RUTC16

Test Mode: 01; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 05363TL/05364TL
Test mode: 01

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1548	0.06	9.63	38.88	48.57	65.74	-17.17	QP
2	0.1548	0.06	9.63	25.09	34.78	55.74	-20.96	Average
3 *	0.5155	0.09	9.64	36.92	46.65	56.00	-9.35	QP
4 *	0.5155	0.09	9.64	29.40	39.13	46.00	-6.87	Average
5	0.9997	0.11	9.67	24.27	34.05	56.00	-21.95	QP
6	0.9997	0.11	9.67	17.01	26.79	46.00	-19.21	Average
7	1.6450	0.12	9.71	22.95	32.78	56.00	-23.22	QP
8	1.6450	0.12	9.71	16.53	26.36	46.00	-19.64	Average
9	2.8692	0.13	9.80	22.38	32.31	56.00	-23.69	QP
10	2.8692	0.13	9.80	15.73	25.66	46.00	-20.34	Average
11	5.8668	0.14	10.10	19.02	29.26	60.00	-30.74	QP
12	5.8668	0.14	10.10	12.48	22.72	50.00	-27.28	Average



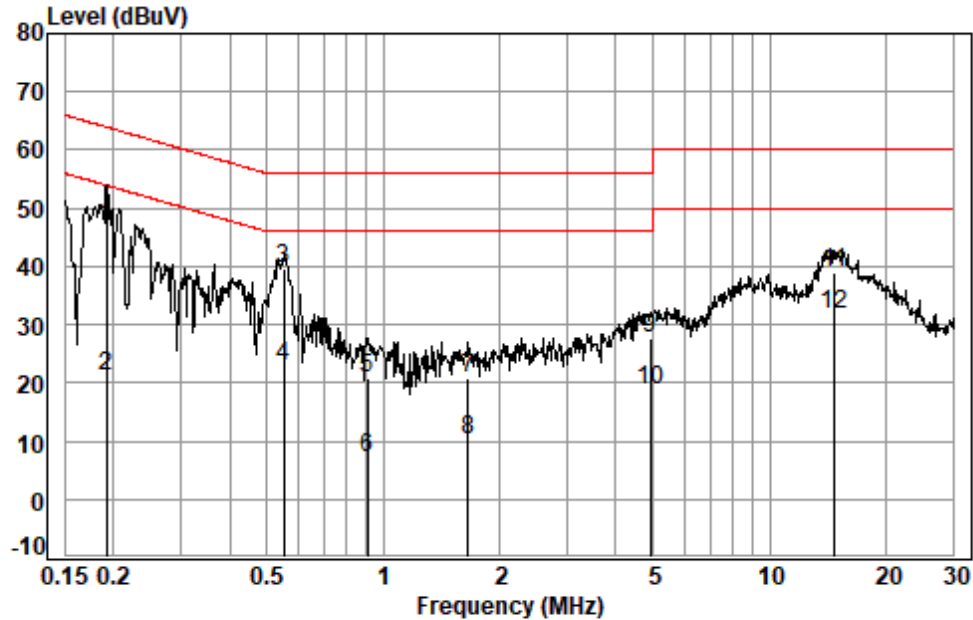
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 01; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 05364TL/05363TL
Test mode: 01

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1924	0.06	10.09	36.49	46.64	63.93	-17.29	QP
2	0.1924	0.06	10.09	11.02	21.17	53.93	-32.76	Average
3 *	0.5523	0.08	9.69	29.70	39.47	56.00	-16.53	QP
4	0.5523	0.08	9.69	13.09	22.86	46.00	-23.14	Average
5	0.9087	0.10	9.57	11.20	20.87	56.00	-35.13	QP
6	0.9087	0.10	9.57	-2.61	7.06	46.00	-38.94	Average
7	1.6537	0.11	9.55	11.16	20.82	56.00	-35.18	QP
8	1.6537	0.11	9.55	0.69	10.35	46.00	-35.65	Average
9	4.9257	0.13	9.56	18.09	27.78	56.00	-28.22	QP
10	4.9257	0.13	9.56	9.01	18.70	46.00	-27.30	Average
11	14.7497	0.27	9.84	28.76	38.87	60.00	-21.13	QP
12 *	14.7497	0.27	9.84	21.68	31.79	50.00	-18.21	Average



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

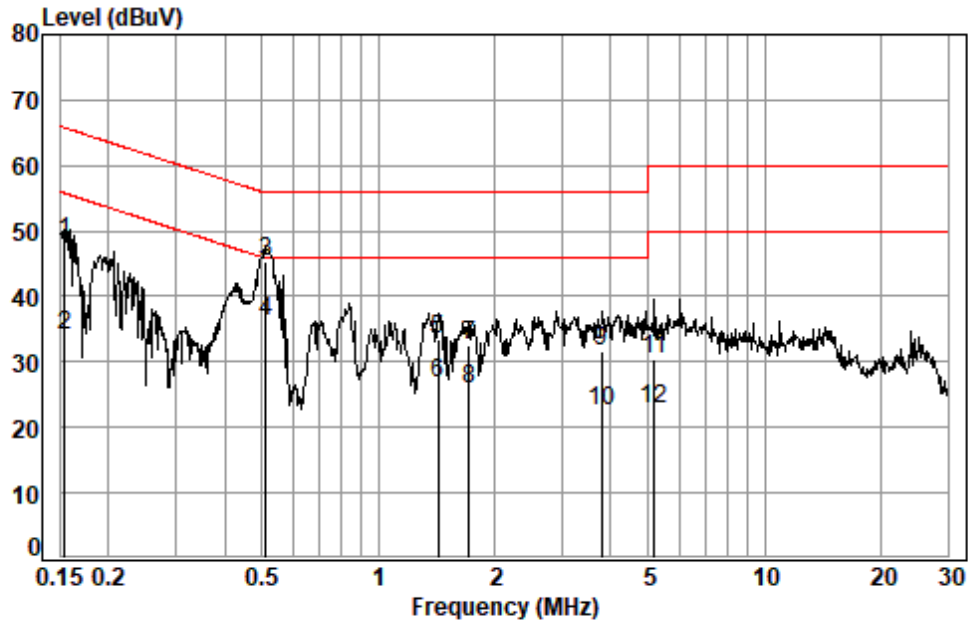
SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 20 of 603

RUTC54

Test Mode: 01; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 05363TL/05364TL
Test mode: 01

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1540	0.06	9.63	38.74	48.43	65.78	-17.35	QP
2	0.1540	0.06	9.63	24.45	34.14	55.78	-21.64	Average
3 *	0.5128	0.09	9.63	35.52	45.24	56.00	-10.76	QP
4 *	0.5128	0.09	9.63	26.49	36.21	46.00	-9.79	Average
5	1.4257	0.12	9.69	23.74	33.55	56.00	-22.45	QP
6	1.4257	0.12	9.69	16.89	26.70	46.00	-19.30	Average
7	1.7162	0.12	9.71	22.63	32.46	56.00	-23.54	QP
8	1.7162	0.12	9.71	15.97	25.80	46.00	-20.20	Average
9	3.7794	0.13	9.86	21.65	31.64	56.00	-24.36	QP
10	3.7794	0.13	9.86	12.45	22.44	46.00	-23.56	Average
11	5.1937	0.14	10.04	20.38	30.56	60.00	-29.44	QP
12	5.1937	0.14	10.04	12.57	22.75	50.00	-27.25	Average



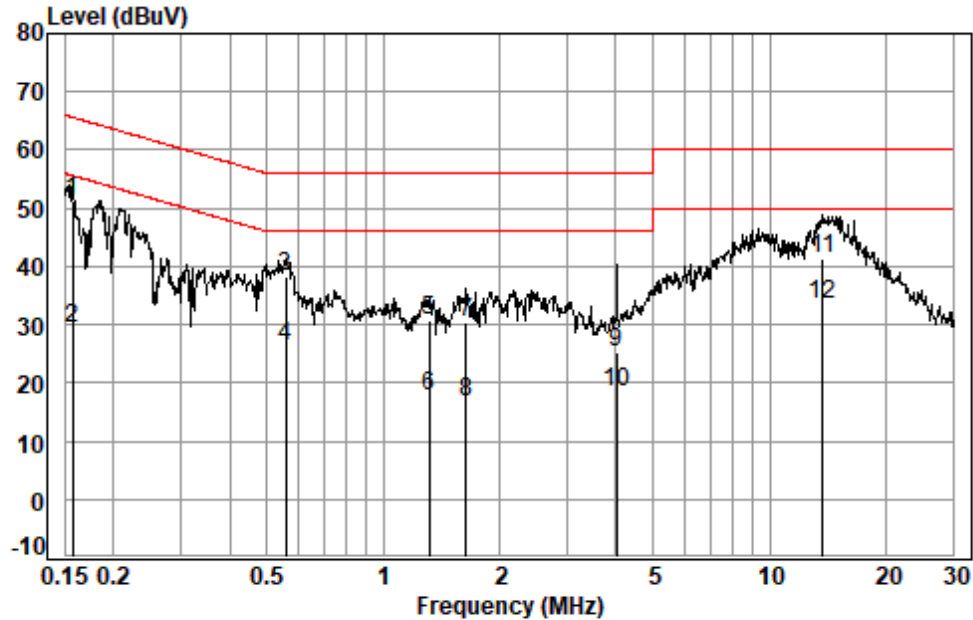
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 01; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 05364TL/05363TL
Test mode: 01

		Cable	LISN	Read	Limit	Over	
	Freq	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1 *	0.1573	0.05	10.18	40.98	51.21	65.60	-14.39 QP
2	0.1573	0.05	10.18	19.12	29.35	55.60	-26.25 Average
3	0.5581	0.08	9.58	28.75	38.41	56.00	-17.59 QP
4	0.5581	0.08	9.58	16.64	26.30	46.00	-19.70 Average
5	1.3168	0.11	9.58	21.16	30.85	56.00	-25.15 QP
6	1.3168	0.11	9.58	8.13	17.82	46.00	-28.18 Average
7	1.6363	0.11	9.58	20.78	30.47	56.00	-25.53 QP
8	1.6363	0.11	9.58	6.92	16.61	46.00	-29.39 Average
9	4.0275	0.13	9.66	15.36	25.15	56.00	-30.85 QP
10	4.0275	0.13	9.66	8.73	18.52	46.00	-27.48 Average
11	13.7680	0.25	9.87	31.33	41.45	60.00	-18.55 QP
12 *	13.7680	0.25	9.87	23.39	33.51	50.00	-16.49 Average



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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 22 of 603

7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.4,6.5
 Test Engineer: Mason Wu

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.
2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.3 °C Humidity: 47.5 % RH Atmospheric Pressure: 1020 mbar



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

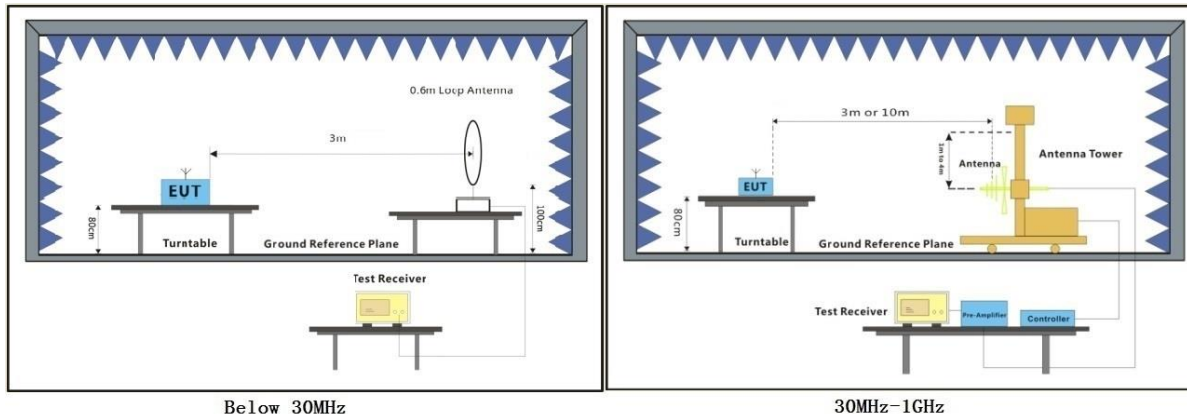
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3m or 10m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- c. The antenna height is varied from 1m to 4m 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.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Technology Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

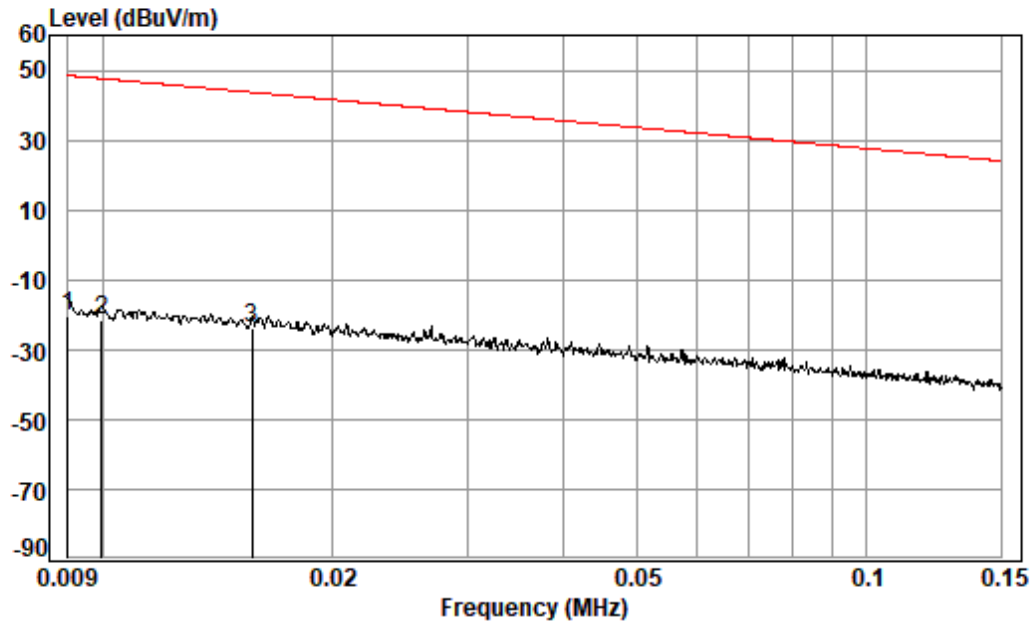
SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 25 of 603

RUTC16

Test Mode: 01; Polarity: Coaxial



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coaxial

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.009	71.31	19.10	0.10	31.10	-20.59	48.50	-69.09	Average
2	0.010	71.41	18.24	0.10	31.17	-21.42	47.62	-69.04	Average
3 pp	0.016	71.84	15.68	0.11	31.49	-23.86	43.69	-67.55	Average



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Calibration 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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

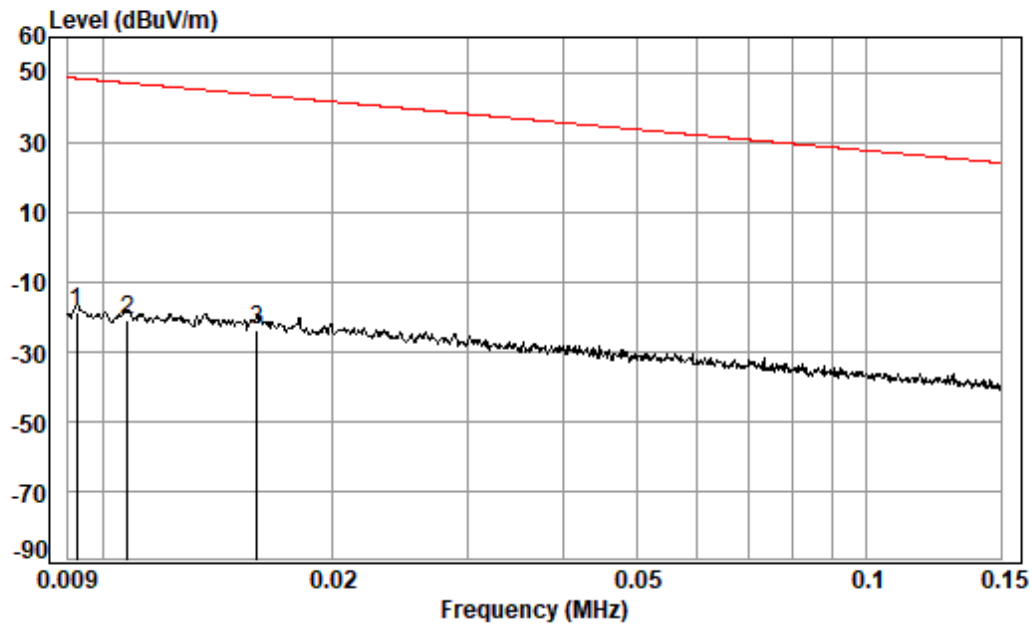
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 26 of 603

Test Mode: 01; Polarity: Coaxial



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 pp	0.009	73.28	18.89	0.10	31.12	-18.85	48.28	-67.13	Average
2	0.011	72.47	17.85	0.10	31.23	-20.81	46.94	-67.75	Average
3	0.016	72.18	15.56	0.11	31.50	-23.65	43.54	-67.19	Average



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

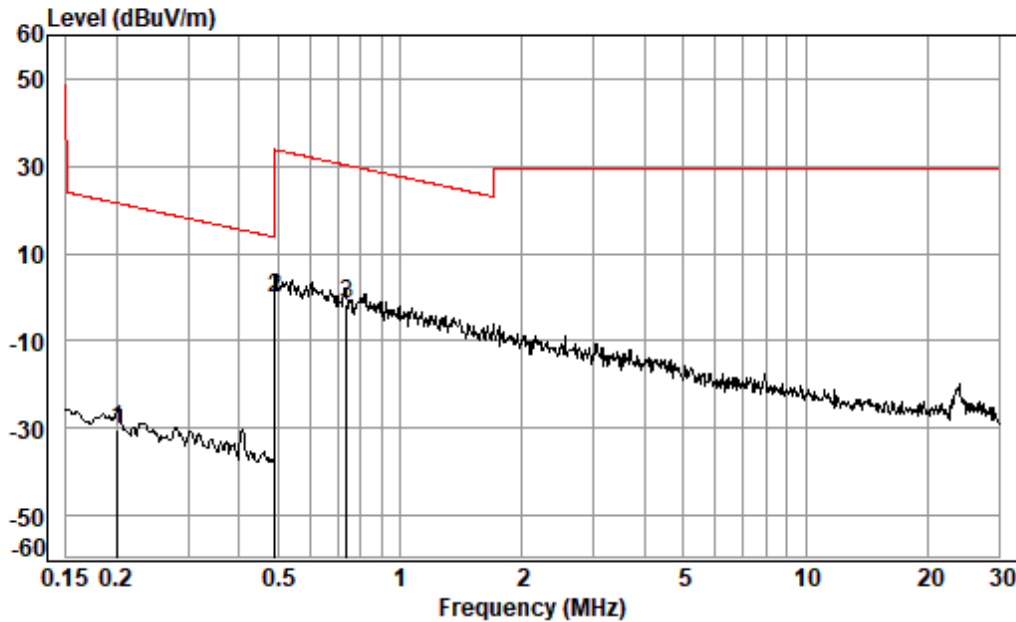
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Mode: 01; Polarity: Coplanar



Condition: 3m

Job No. : 05363TL

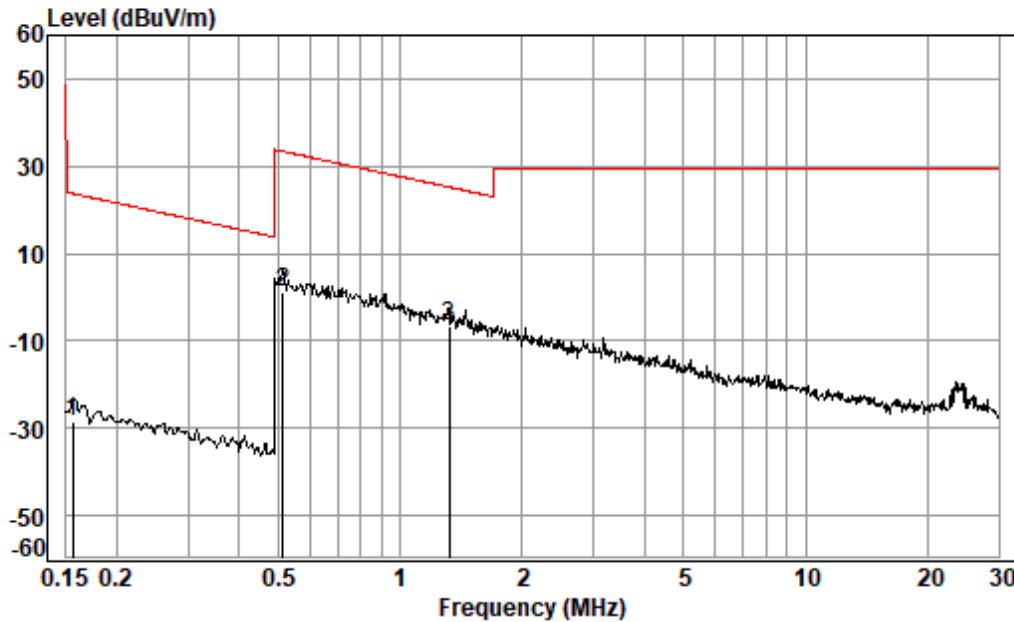
Test Mode: 01

: coaxial

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 av	0.201	71.25	10.46	0.17	32.40	-30.52	21.55	-52.07	Average
2	0.491	61.59	10.37	0.28	32.50	-0.26	33.77	-34.03	QP
3 pp	0.739	60.47	10.35	0.32	32.56	-1.42	30.24	-31.66	QP



Test Mode: 01; Polarity: Coplanar



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	av	0.156	73.09	10.50	0.14	32.40	-28.67	23.75	Average
2		0.516	63.12	10.37	0.28	32.50	1.27	33.36	QP
3	pp	1.324	55.29	10.24	0.39	32.57	-6.65	25.19	QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

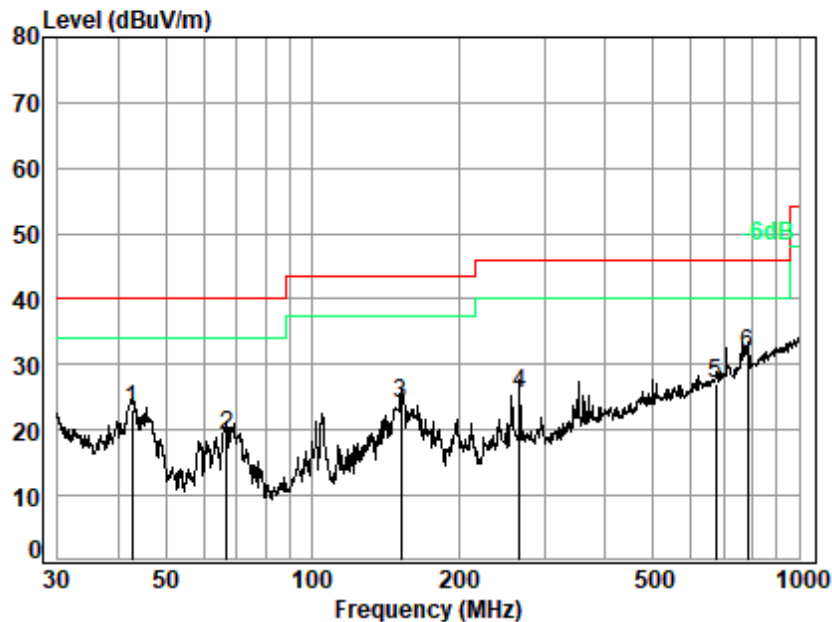
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 29 of 603

Test Mode: 01; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 05363TL/05364TL

Test Mode: 01

		Ant	Cable	Preamp	Read	Limit	Over	
	Freq	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	42.600	15.16	0.84	27.64	34.66	23.02	40.00	-16.98 QP
2	66.733	10.68	0.96	27.62	35.13	19.15	40.00	-20.85 QP
3	152.130	13.68	1.51	27.72	36.68	24.15	43.50	-19.35 QP
4	266.609	17.07	1.99	27.59	34.06	25.53	46.00	-20.47 QP
5	675.208	25.53	3.34	27.89	26.05	27.03	46.00	-18.97 QP
6 q	782.345	27.90	3.64	27.64	27.64	31.54	46.00	-14.46 QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

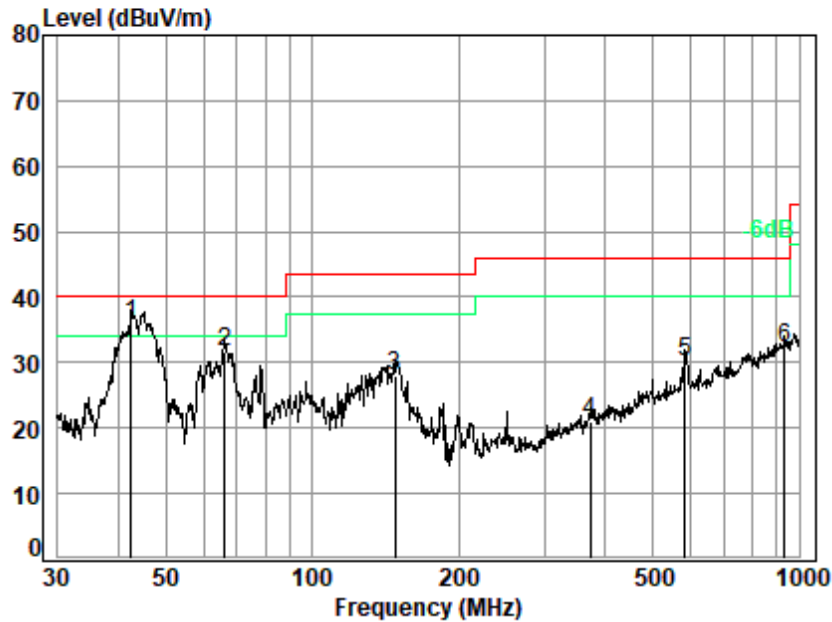
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 30 of 603

Test Mode: 01; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL

Job No. : 05363TL/05364TL

Test Mode: 01

		Ant	Cable	Preamp	Read	Limit	Over	
	Freq	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	q	42.451	15.22	0.84	27.64	47.61	36.03	40.00 -3.97 QP
2		66.034	10.72	0.96	27.62	47.42	31.48	40.00 -8.52 QP
3		147.921	13.02	1.49	27.71	41.30	28.10	43.50 -15.40 QP
4		372.005	20.35	2.39	27.69	26.04	21.09	46.00 -24.91 QP
5		582.743	23.63	3.05	28.07	31.40	30.01	46.00 -15.99 QP
6		935.546	28.92	4.05	26.76	26.00	32.21	46.00 -13.79 QP



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Calibration 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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

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

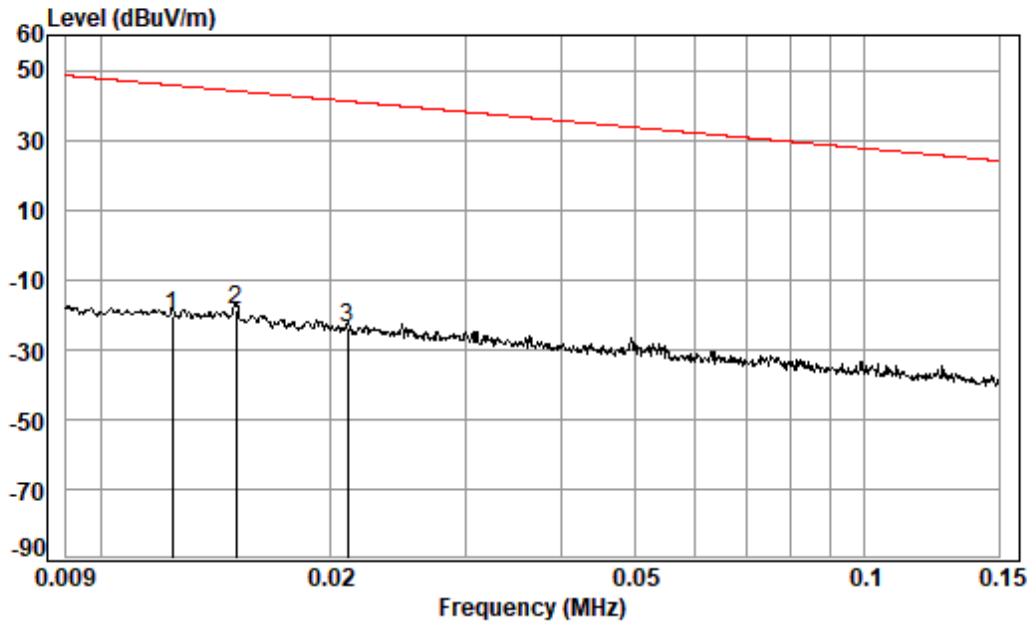
SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 31 of 603

RUTC54

Test Mode: 01; Polarity: Coaxial



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coaxial

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.012	73.95	17.13	0.10	31.32	-20.14	45.72	-65.86	Average
2 pp	0.015	76.40	15.97	0.11	31.46	-18.98	44.05	-63.03	Average
3	0.021	74.10	13.58	0.11	31.69	-23.90	41.12	-65.02	Average



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Calibration 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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

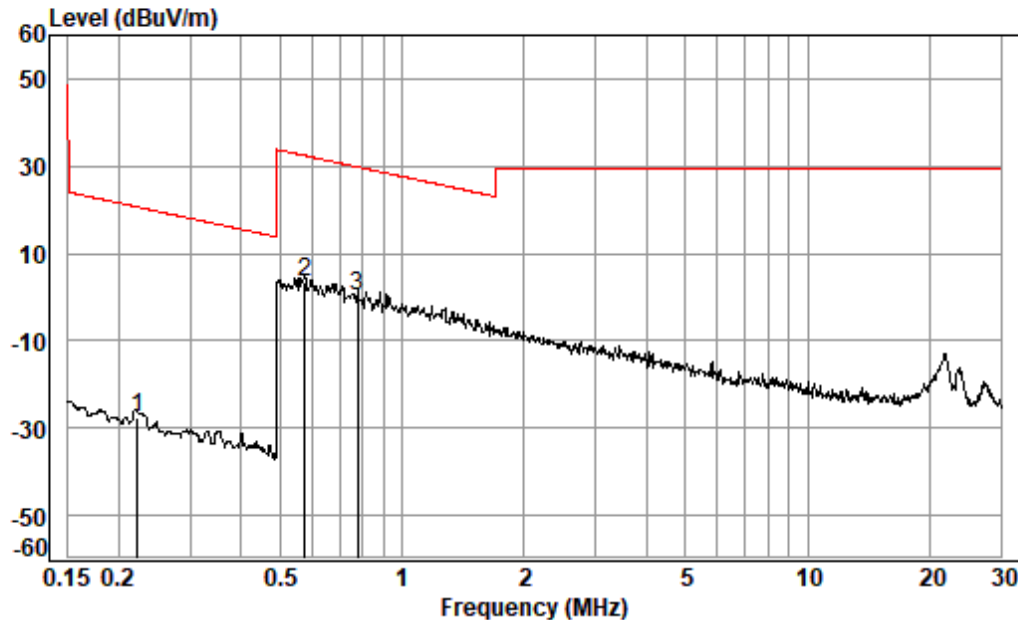
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 32 of 603

Test Mode: 01; Polarity: Coaxial



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coaxial

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	av	0.222	74.20	10.45	0.19	32.40	-27.56	20.67	Average
2	pp	0.576	65.07	10.36	0.30	32.52	3.21	32.40	QP
3		0.779	61.99	10.35	0.33	32.56	0.11	29.78	QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

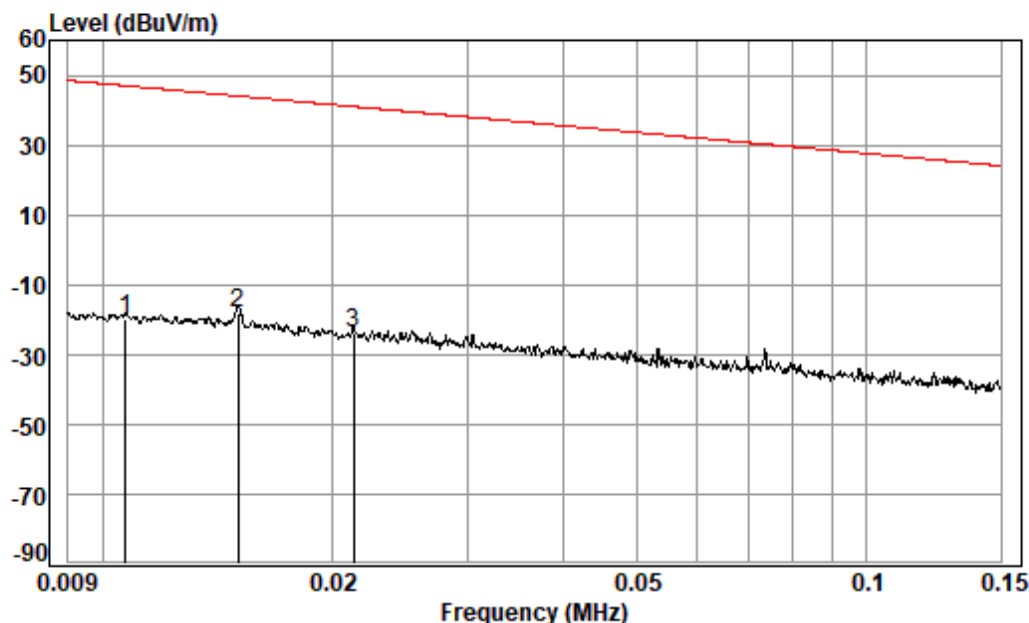
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 33 of 603

Test Mode: 01; Polarity: Coplanar



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.011	73.37	17.88	0.10	31.22	-19.87	46.99	-66.86	Average
2 pp	0.015	77.20	15.97	0.11	31.46	-18.18	44.05	-62.23	Average
3	0.021	74.12	13.54	0.11	31.70	-23.93	41.03	-64.96	Average



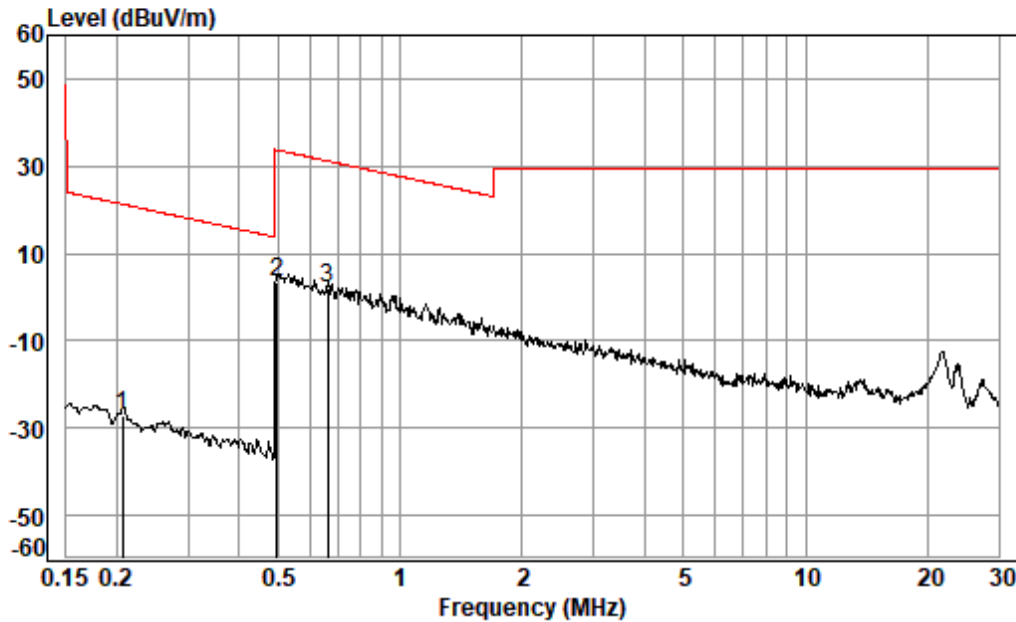
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Calibration Laboratory

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 01; Polarity: Coplanar



Condition: 3m

Job No. : 05363TL

Test Mode: 01

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 av	0.207	74.66	10.46	0.18	32.40	-27.10	21.27	-48.37	Average
2	0.497	65.20	10.37	0.28	32.50	3.35	33.68	-30.33	QP
3 pp	0.665	63.95	10.35	0.31	32.54	2.07	31.16	-29.09	QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

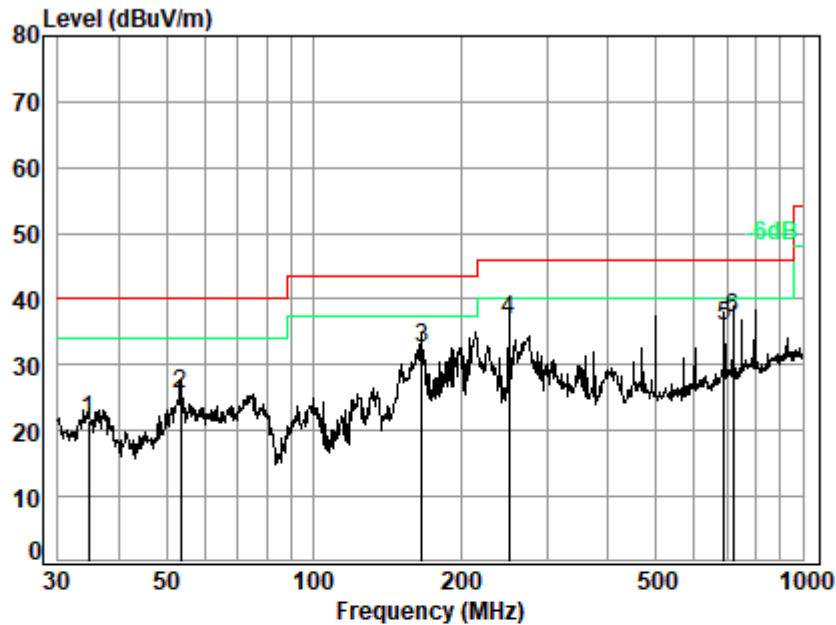
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 35 of 603

Test Mode: 01; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 05363TL/05364TL
Test Mode: 01

	Ant Freq	Cable Factor	Preamp Loss	Read Level	Limit Level	Over Line	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	34.639	19.08	0.78	27.65	29.26	21.47	40.00 -18.53 QP
2	53.505	12.21	0.91	27.63	40.14	25.63	40.00 -14.37 QP
3	166.651	13.15	1.57	27.75	45.64	32.61	43.50 -10.89 QP
4	250.301	17.24	1.93	27.63	45.20	36.74	46.00 -9.26 QP
5	691.987	25.74	3.39	27.85	34.65	35.93	46.00 -10.07 QP
6 q	721.726	26.25	3.47	27.78	35.07	37.01	46.00 -8.99 QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

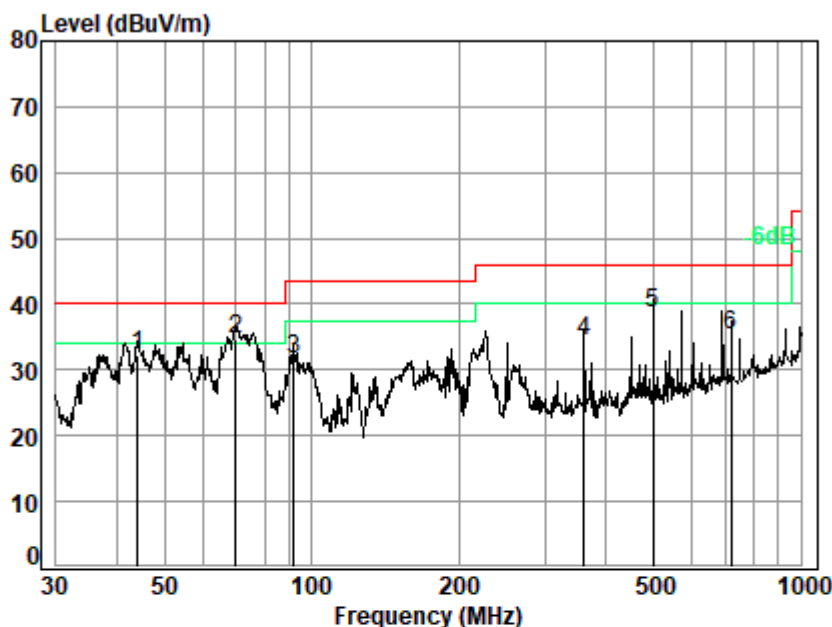
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 36 of 603

Test Mode: 01; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL

Job No. : 05363TL/05364TL

Test Mode: 01

	Ant Freq	Cable Factor	Preamp Loss	Read Level	Limit Level	Over Line	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	44.120	14.51	0.86	27.64	44.52	32.25	40.00 -7.75 QP
2 q	70.090	10.61	0.98	27.62	50.62	34.59	40.00 -5.41 QP
3	91.816	11.89	1.19	27.60	46.18	31.66	43.50 -11.84 QP
4	360.448	20.23	2.35	27.66	39.39	34.31	46.00 -11.69 QP
5	499.425	22.90	2.81	27.94	40.97	38.74	46.00 -7.26 QP
6	721.726	26.25	3.47	27.78	33.42	35.36	46.00 -10.64 QP



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.6
 Test Engineer: Mihawk Li

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark:

1. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(1/3) = -9.54\text{dB}$ (for 1m test distance).



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 38 of 603

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

Humidity: 53.6 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



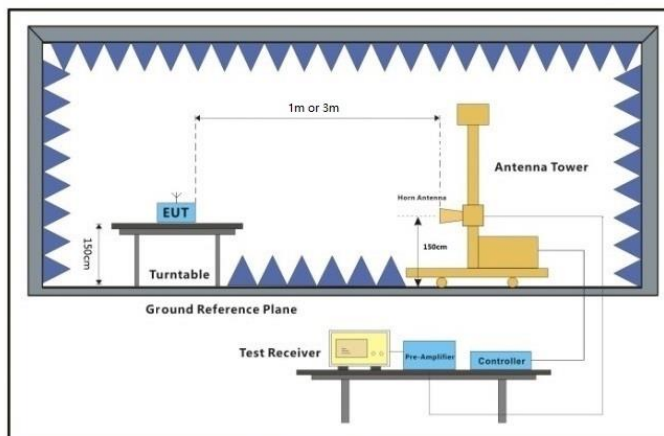
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.3.3 Test Setup Diagram



Above 1GHz



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.3.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $\leq 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



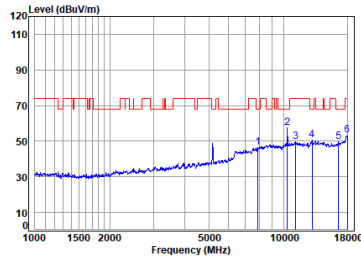
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Remark: Only retain the data of the worst-case 11a and 11ax(RU) modes.

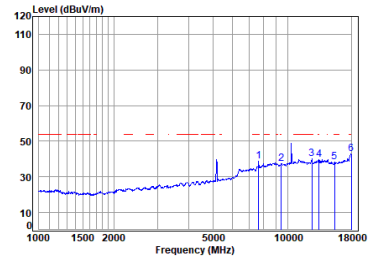
11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 7875.254	11.48	37.50	56.00	53.44	46.42	68.20	-21.78 Peak
2 pp10363.710	13.61	39.00	53.88	58.60	57.33	68.20	-10.87 Peak
3 11172.560	14.73	39.57	53.55	48.90	49.65	74.00	-24.35 Peak
4 12984.540	15.88	40.32	54.49	48.76	50.47	68.20	-17.73 Peak
5 16600.640	17.65	39.20	54.18	47.02	49.69	68.20	-18.51 Peak
6 18000.000	18.35	43.80	54.50	45.92	53.57	74.00	-20.43 Peak

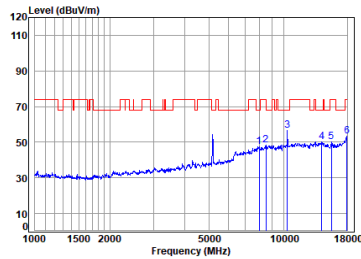
11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 7650.888	11.27	36.90	56.18	47.01	39.00	54.00	-15.00 Average
2 9420.880	12.35	38.80	54.62	40.73	37.26	54.00	-16.74 Average
3 12505.710	15.45	39.91	54.15	38.96	40.17	54.00	-13.83 Average
4 13365.320	16.13	40.30	54.46	37.59	39.56	54.00	-14.44 Average
5 15443.410	16.82	38.60	54.17	36.97	38.22	54.00	-15.78 Average
6 pp18000.000	18.35	43.80	54.50	35.42	43.07	54.00	-10.93 Average

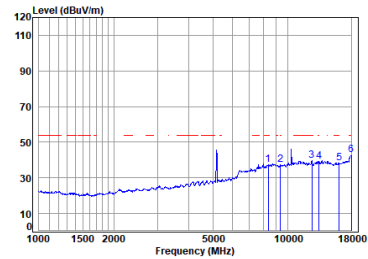
11a_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 7989.893	11.56	37.78	55.91	53.91	47.34	68.20	-20.86 Peak
2 8489.882	12.24	38.32	55.46	53.23	48.33	74.00	-25.67 Peak
3 pp10363.710	13.61	39.00	53.88	57.91	56.64	68.20	-11.56 Peak
4 14242.800	16.12	39.00	54.38	48.68	50.22	68.20	-17.98 Peak
5 15532.940	16.98	38.57	54.14	48.78	50.19	74.00	-23.81 Peak
6 17948.050	18.30	43.44	54.49	46.33	53.58	74.00	-20.42 Peak

11a_TX_CH_36_Vertical-Avg

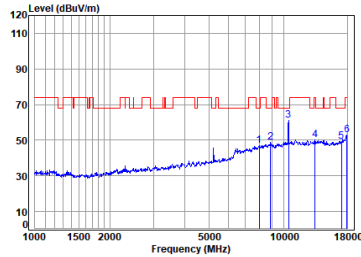


Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8343.918	11.70	38.60	55.59	42.54	37.25	54.00	-16.75 Average
2 9339.543	12.22	38.80	54.69	40.86	37.19	54.00	-16.81 Average
3 12505.710	15.45	39.91	54.15	38.71	39.92	54.00	-14.08 Average
4 13365.320	16.13	40.30	54.46	37.49	39.46	54.00	-14.54 Average
5 16081.140	17.09	38.52	54.02	36.91	38.50	54.00	-15.50 Average
6 pp18000.000	18.35	43.80	54.50	35.40	43.05	54.00	-10.95 Average



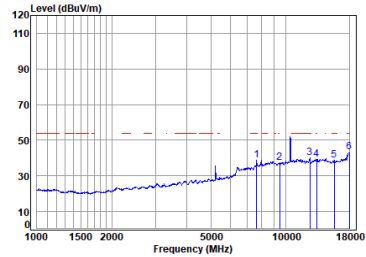
11a_TX_CH_44_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.45	46.88	68.20	-21.32	Peak
2	8866.062	12.23	38.53	55.12	53.04	48.68	68.20	-19.52	Peak
3	pp10453.970	13.63	39.05	53.83	62.25	61.10	68.20	-7.10	Peak
4	13365.320	16.13	40.30	54.46	48.34	50.31	74.00	-23.69	Peak
5	17087.460	18.42	39.79	54.32	45.55	49.44	68.20	-18.76	Peak
6	17948.050	18.30	43.44	54.49	45.72	52.97	74.00	-21.03	Peak

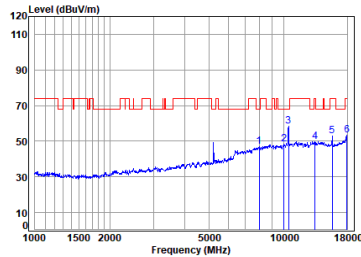
11a_TX_CH_44_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	46.64	38.63	54.00	-15.37	Average
2	9448.149	12.43	38.80	54.60	40.59	37.22	54.00	-16.78	Average
3	12505.710	15.45	39.91	54.15	38.82	40.03	54.00	-13.97	Average
4	13326.750	16.37	40.30	54.47	37.07	39.27	54.00	-14.73	Average
5	15668.210	17.24	38.57	54.10	36.94	38.65	54.00	-15.35	Average
6	pp18000.000	18.35	43.80	54.50	35.66	43.31	54.00	-10.69	Average

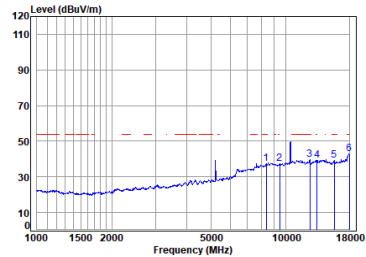
11a_TX_CH_44_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.74	47.17	68.20	-21.03	Peak
2	10010.420	13.04	38.92	54.09	50.31	48.18	68.20	-20.02	Peak
3	pp10453.970	13.63	39.05	53.83	59.53	58.38	68.20	-9.82	Peak
4	13365.320	16.13	40.30	54.46	47.73	49.70	74.00	-24.30	Peak
5	15668.210	17.24	38.57	54.10	51.44	53.15	74.00	-20.85	Peak
6	17948.050	18.30	43.44	54.49	46.02	53.27	74.00	-20.73	Peak

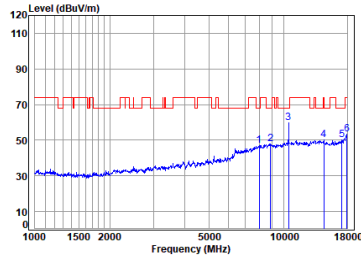
11a_TX_CH_44_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	42.48	37.19	54.00	-16.81	Average
2	9448.149	12.43	38.80	54.60	40.70	37.33	54.00	-16.67	Average
3	12505.710	15.45	39.91	54.15	38.40	39.61	54.00	-14.39	Average
4	13365.320	16.13	40.30	54.46	37.41	39.38	54.00	-14.62	Average
5	15668.210	17.24	38.57	54.10	37.42	39.13	54.00	-14.87	Average
6	pp18000.000	18.35	43.80	54.50	35.37	43.02	54.00	-10.98	Average

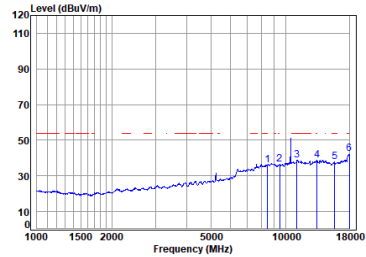
11a_TX_CH_48_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.58	47.81	68.20	-21.19	Peak
2	8866.062	12.23	38.53	55.12	52.45	48.09	68.20	-20.11	Peak
3	pp10484.230	13.64	39.08	53.81	60.83	59.74	68.20	-8.46	Peak
4	14491.960	17.07	39.51	54.35	48.17	50.40	74.00	-23.60	Peak
5	17136.920	18.23	39.84	54.33	46.37	50.11	68.20	-18.09	Peak
6	17948.050	18.30	43.44	54.49	46.01	53.26	74.00	-20.74	Peak

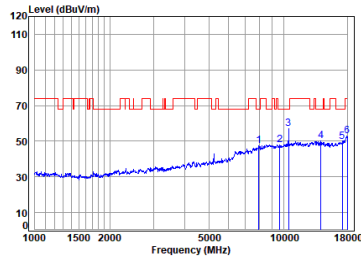
11a_TX_CH_48_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8440.945	11.91	38.44	55.50	41.35	36.20	54.00	-17.80	Average
2	9448.149	12.43	38.80	54.60	39.81	36.44	54.00	-17.56	Average
3	11188.160	14.67	39.51	53.53	38.00	38.65	54.00	-15.35	Average
4	13365.320	16.13	40.30	54.46	36.66	38.63	54.00	-15.37	Average
5	15713.560	17.24	38.59	54.09	36.11	37.85	54.00	-16.15	Average
6	pp18000.000	18.35	43.80	54.50	34.83	42.48	54.00	-11.52	Average

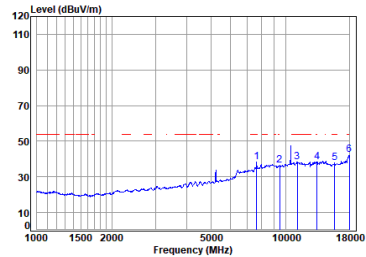
11a_TX_CH_48_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	54.03	47.33	68.20	-20.87	Peak
2	9641.257	12.54	38.72	54.42	51.15	47.99	68.20	-20.21	Peak
3	pp10484.230	13.64	39.08	53.81	58.35	57.26	68.20	-10.94	Peak
4	14119.830	16.45	39.88	54.39	48.03	49.97	68.20	-18.23	Peak
5	17186.530	17.91	39.89	54.34	46.19	49.65	68.20	-18.55	Peak
6	18000.000	18.35	43.80	54.50	45.19	52.84	74.00	-21.16	Peak

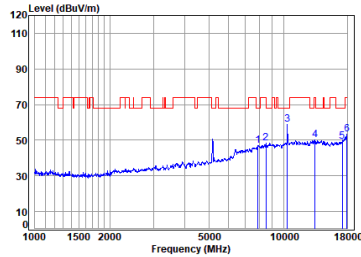
11a_TX_CH_48_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	46.43	38.42	54.00	-15.58	Average
2	9448.149	12.43	38.80	54.60	39.71	36.34	54.00	-17.66	Average
3	11140.310	14.70	39.54	53.54	37.80	38.50	54.00	-15.50	Average
4	13365.320	16.13	40.30	54.46	36.51	38.48	54.00	-15.52	Average
5	15713.560	17.24	38.59	54.09	36.18	37.92	54.00	-16.08	Average
6	pp18000.000	18.35	43.80	54.50	34.63	42.28	54.00	-11.72	Average

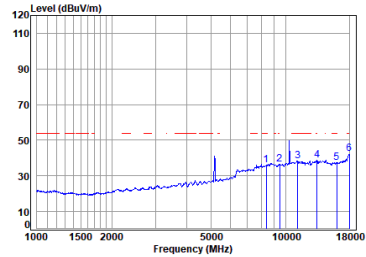
11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7875.254	11.48	37.50	56.00	54.00	46.98	68.20	-21.22	Peak
2	8489.882	12.24	38.32	55.46	53.45	48.55	74.00	-25.45	Peak
3	pp10363.710	13.61	39.00	53.88	60.05	58.78	68.20	-9.42	Peak
4	13365.320	16.13	40.30	54.46	48.41	50.38	74.00	-23.62	Peak
5	17186.530	17.91	39.89	54.34	45.98	49.44	68.20	-18.76	Peak
6	17948.050	18.30	43.44	54.49	45.92	53.17	74.00	-20.83	Peak

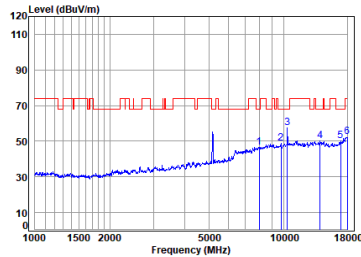
11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.53	36.24	54.00	-17.76	Average
2	9448.149	12.43	38.80	54.60	39.85	36.48	54.00	-17.52	Average
3	11172.560	14.73	39.57	53.55	37.65	38.40	54.00	-15.60	Average
4	13365.320	16.13	40.30	54.46	36.59	38.56	54.00	-15.44	Average
5	16034.730	17.12	38.57	54.01	35.82	37.50	54.00	-16.50	Average
6	pp18000.000	18.35	43.80	54.50	34.59	42.24	54.00	-11.76	Average

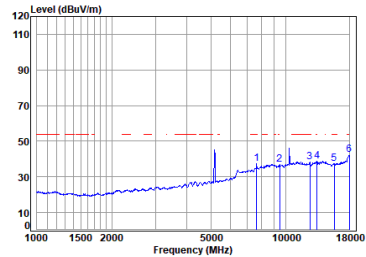
11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.20	46.63	68.20	-21.57	Peak
2	9753.371	12.91	38.60	54.32	51.50	48.69	68.20	-19.51	Peak
3	pp10363.710	13.61	39.00	53.88	58.61	57.34	68.20	-10.86	Peak
4	13997.930	16.46	39.90	54.40	48.16	50.12	68.20	-18.08	Peak
5	16939.940	18.14	39.64	54.28	46.50	50.00	68.20	-18.20	Peak
6	18000.000	18.35	43.80	54.50	44.79	52.44	74.00	-21.56	Peak

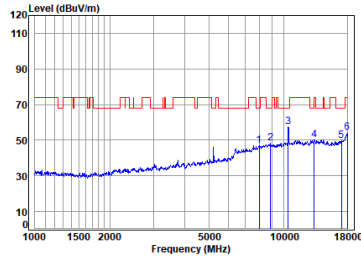
11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.41	37.40	54.00	-16.60	Average
2	9448.149	12.43	38.80	54.60	40.10	36.73	54.00	-17.27	Average
3	12505.710	15.45	39.91	54.15	37.26	38.47	54.00	-15.53	Average
4	13365.320	16.13	40.30	54.46	36.73	38.70	54.00	-15.30	Average
5	15668.210	17.24	38.57	54.10	35.85	37.56	54.00	-16.44	Average
6	pp18000.000	18.35	43.80	54.50	34.72	42.37	54.00	-11.63	Average

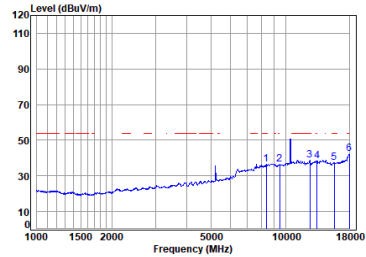
11ax_20M_TX_CH_44_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.68	47.03	68.20	-21.17	Peak
2	8840.473	12.24	38.50	55.14	52.99	48.59	68.20	-19.61	Peak
3	pp10423.800	13.62	39.02	53.85	58.58	57.37	68.20	-10.83	Peak
4	13249.930	16.11	40.25	54.48	48.34	50.22	68.20	-17.98	Peak
5	17087.460	18.42	39.79	54.32	45.84	49.73	68.20	-18.47	Peak
6	18000.000	18.35	43.80	54.50	46.79	54.44	74.00	-19.56	Peak

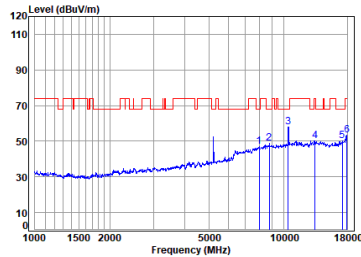
11ax_20M_TX_CH_44_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.60	36.31	54.00	-17.69	Average
2	9448.149	12.43	38.80	54.60	40.02	36.65	54.00	-17.35	Average
3	12505.710	15.45	39.91	54.15	37.68	38.89	54.00	-15.11	Average
4	13365.320	16.13	40.30	54.46	36.58	38.55	54.00	-15.45	Average
5	15668.210	17.24	38.57	54.10	35.80	37.51	54.00	-16.49	Average
6	pp18000.000	18.35	43.80	54.50	34.81	42.46	54.00	-11.54	Average

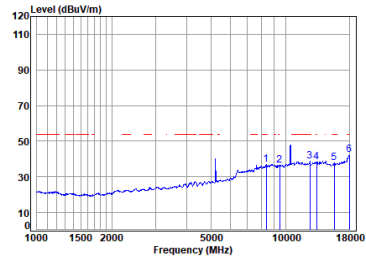
11ax_20M_TX_CH_44_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.56	37.78	55.91	53.41	46.84	68.20	-21.36	Peak
2	8764.146	12.19	38.50	55.21	53.55	49.03	68.20	-19.17	Peak
3	pp10423.800	13.62	39.02	53.85	59.12	57.91	68.20	-10.29	Peak
4	13365.320	16.13	40.30	54.46	48.38	50.35	74.00	-23.65	Peak
5	17186.530	17.91	39.89	54.34	46.70	50.16	68.20	-18.04	Peak
6	17948.050	18.30	43.44	54.49	46.03	53.28	74.00	-20.72	Peak

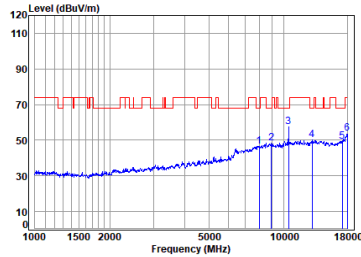
11ax_20M_TX_CH_44_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	42.11	36.82	54.00	-17.18	Average
2	9448.149	12.43	38.80	54.60	39.80	36.43	54.00	-17.57	Average
3	12505.710	15.45	39.91	54.15	37.45	38.66	54.00	-15.34	Average
4	13326.750	16.37	40.30	54.47	36.27	38.47	54.00	-15.53	Average
5	15668.210	17.24	38.57	54.10	36.32	38.03	54.00	-15.97	Average
6	pp18000.000	18.35	43.80	54.50	34.88	42.53	54.00	-11.47	Average

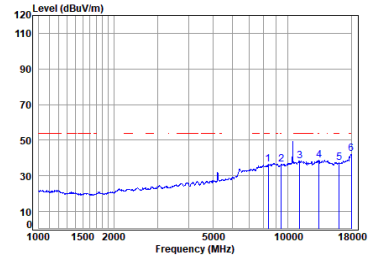
11ax_20M_TX_CH_48_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.33	46.68	68.20	-21.52	Peak
2	8917.462	12.21	38.57	55.07	52.84	48.55	68.20	-19.65	Peak
3	pp10484.230	13.64	39.08	53.81	58.65	57.56	68.20	-10.64	Peak
4	12984.540	15.88	40.32	54.49	48.43	50.14	68.20	-18.06	Peak
5	17186.530	17.91	39.89	54.34	45.93	49.39	68.20	-18.81	Peak
6	18000.000	18.35	43.80	54.50	46.02	53.67	74.00	-20.33	Peak

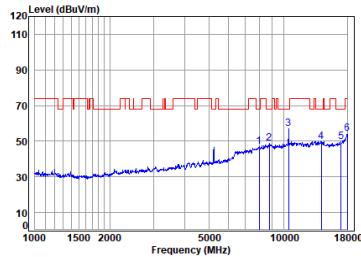
11ax_20M_TX_CH_48_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.66	36.37	54.00	-17.63	Average
2	9420.880	12.35	38.80	54.62	39.85	36.38	54.00	-17.62	Average
3	11172.560	14.73	39.57	53.55	37.80	38.55	54.00	-15.45	Average
4	13365.320	16.13	40.30	54.46	36.68	38.65	54.00	-15.35	Average
5	16081.140	17.09	38.52	54.02	35.77	37.36	54.00	-16.64	Average
6	pp18000.000	18.35	43.80	54.50	34.83	42.48	54.00	-11.52	Average

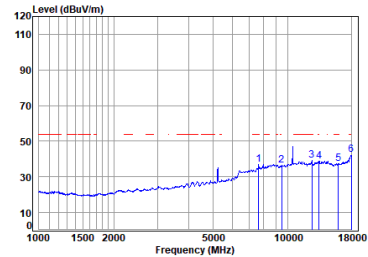
11ax_20M_TX_CH_48_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7969.893	11.56	37.78	55.91	53.42	46.85	68.20	-21.35	Peak
2	8738.852	12.15	38.52	55.24	53.47	48.90	68.20	-19.30	Peak
3	pp10484.230	13.64	39.08	53.81	58.32	57.23	68.20	-10.97	Peak
4	14160.710	16.18	39.84	54.38	48.27	49.91	68.20	-18.29	Peak
5	17038.150	18.22	39.74	54.31	46.07	49.72	68.20	-18.48	Peak
6	18000.000	18.35	43.80	54.50	46.54	54.19	74.00	-19.81	Peak

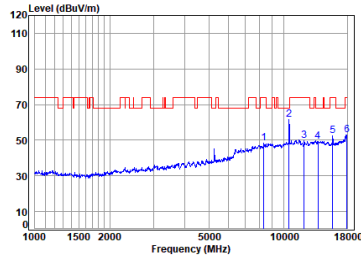
11ax_20M_TX_CH_48_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	44.77	36.76	54.00	-17.24	Average
2	9448.149	12.43	38.80	54.60	39.68	36.31	54.00	-17.69	Average
3	12505.710	15.45	39.91	54.15	38.10	39.31	54.00	-14.69	Average
4	13365.320	16.13	40.30	54.46	36.60	38.57	54.00	-15.43	Average
5	15988.450	17.16	38.61	54.00	35.87	37.64	54.00	-16.36	Average
6	pp18000.000	18.35	43.80	54.50	34.80	42.45	54.00	-11.55	Average

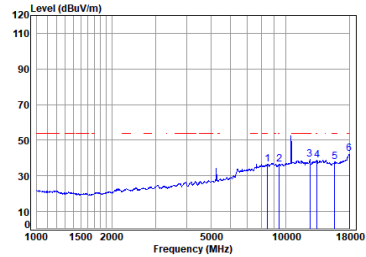
11a_TX_CH_52_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8319.836	11.73	38.22	55.61	53.87	48.21	74.00	-25.79	Peak
2	pp10514.580	13.63	39.13	53.79	62.56	61.53	68.20	-6.67	Peak
3	12079.390	14.68	39.72	53.86	49.29	49.83	74.00	-24.17	Peak
4	13757.270	16.15	39.94	54.42	47.71	49.38	68.20	-18.82	Peak
5	15759.050	17.13	38.54	54.07	50.98	52.58	74.00	-21.42	Peak
6	17948.050	18.30	43.44	54.49	45.87	53.12	74.00	-20.88	Peak

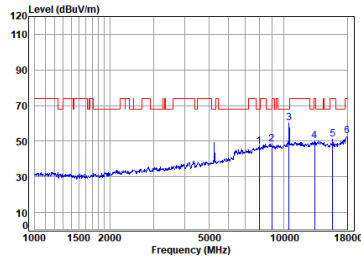
11a_TX_CH_52_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8440.945	11.91	38.44	55.50	41.55	36.40	54.00	-17.60	Average
2	9420.880	12.35	38.80	54.62	39.82	36.35	54.00	-17.65	Average
3	12505.710	15.45	39.91	54.15	37.83	39.04	54.00	-14.96	Average
4	13365.320	16.13	40.30	54.46	36.73	38.70	54.00	-15.30	Average
5	15759.050	17.13	38.54	54.07	36.42	38.02	54.00	-15.98	Average
6	pp18000.000	18.35	43.80	54.50	34.89	42.54	54.00	-11.46	Average

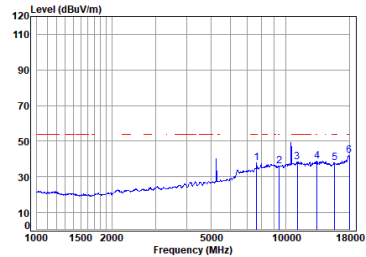
11a_TX_CH_52_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.65	47.08	68.20	-21.12	Peak
2	8943.274	12.19	38.51	55.05	52.72	48.37	68.20	-19.83	Peak
3	pp10514.580	13.63	39.13	53.79	61.41	60.38	68.20	-7.82	Peak
4	13326.750	16.37	40.30	54.47	48.12	50.32	74.00	-23.68	Peak
5	15759.050	17.13	38.54	54.07	49.64	51.24	74.00	-22.76	Peak
6	18000.000	18.35	43.80	54.50	45.12	52.77	74.00	-21.23	Peak

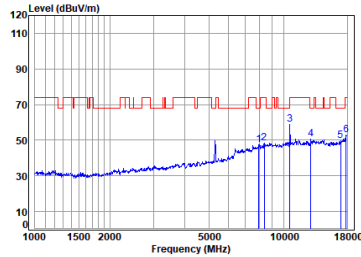
11a_TX_CH_52_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.96	37.95	54.00	-16.05	Average
2	9420.880	12.35	38.80	54.62	39.72	36.25	54.00	-17.75	Average
3	11140.310	14.70	39.54	53.54	37.82	38.52	54.00	-15.48	Average
4	13365.320	16.13	40.30	54.46	36.64	38.61	54.00	-15.39	Average
5	15759.050	17.13	38.54	54.07	36.41	38.01	54.00	-15.99	Average
6	pp18000.000	18.35	43.80	54.50	34.54	42.19	54.00	-11.81	Average

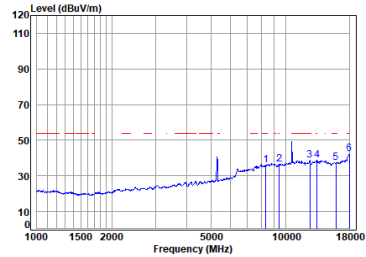
11a_TX_CH_60_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	54.04	47.34	68.20	-20.86	Peak
2	8343.918	11.70	38.60	55.59	53.65	48.36	74.00	-25.64	Peak
3	pp10606.150	13.62	39.31	53.74	59.45	58.64	74.00	-15.36	Peak
4	12872.440	15.70	40.37	54.41	49.04	50.70	68.20	-17.50	Peak
5	16939.940	18.14	39.64	54.28	46.46	49.96	68.20	-18.24	Peak
6	17844.590	18.21	42.77	54.47	46.53	53.04	74.00	-20.96	Peak

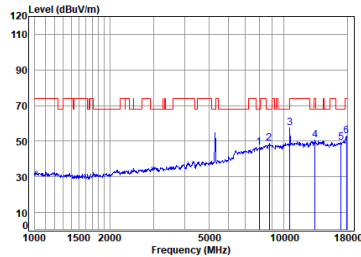
11a_TX_CH_60_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8319.836	11.73	38.22	55.61	41.71	36.05	54.00	-17.95	Average
2	9420.880	12.35	38.80	54.62	40.03	36.56	54.00	-17.44	Average
3	12505.710	15.45	39.91	54.15	37.78	38.99	54.00	-15.01	Average
4	13365.320	16.13	40.30	54.46	36.97	38.94	54.00	-15.06	Average
5	15896.290	17.27	38.69	54.03	35.68	37.61	54.00	-16.39	Average
6	pp18000.000	18.35	43.80	54.50	34.85	42.50	54.00	-11.50	Average

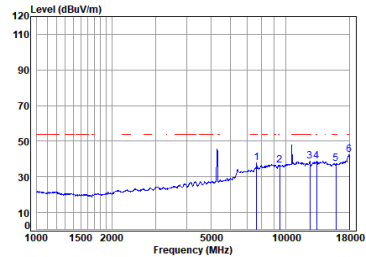
11a_TX_CH_60_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.15	46.50	68.20	-21.70	Peak
2	8764.146	12.19	38.50	55.21	53.31	48.79	68.20	-19.41	Peak
3	pp10606.150	13.62	39.31	53.74	58.12	57.31	74.00	-16.69	Peak
4	13365.320	16.13	40.30	54.46	48.55	50.52	74.00	-23.48	Peak
5	17038.150	18.22	39.74	54.31	45.64	49.29	68.20	-18.91	Peak
6	17896.250	18.25	43.08	54.48	45.98	52.83	74.00	-21.17	Peak

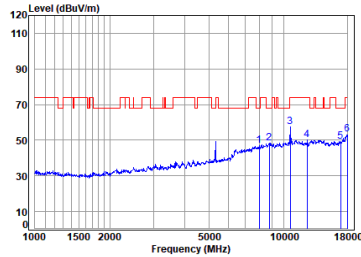
11a_TX_CH_60_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.70	37.69	54.00	-16.31	Average
2	9448.149	12.43	38.80	54.60	39.81	36.44	54.00	-17.56	Average
3	12505.710	15.45	39.91	54.15	37.48	38.69	54.00	-15.31	Average
4	13326.750	16.37	40.30	54.47	36.48	38.68	54.00	-15.32	Average
5	15942.300	17.22	38.66	54.02	35.53	37.39	54.00	-16.61	Average
6	pp18000.000	18.35	43.80	54.50	34.80	42.45	54.00	-11.55	Average

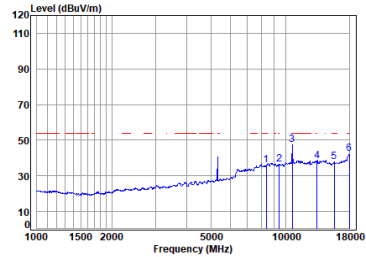
11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.67	47.10	68.20	-21.10	Peak
2	8738.852	12.15	38.52	55.24	52.92	48.35	68.20	-19.85	Peak
3	pp10636.850	13.76	39.34	53.72	58.30	57.68	74.00	-16.32	Peak
4	12433.620	15.38	39.90	54.46	49.05	50.23	74.00	-23.77	Peak
5	16939.940	18.14	39.64	54.28	45.83	49.33	68.20	-18.87	Peak
6	18000.000	18.35	43.80	54.50	45.60	53.25	74.00	-20.75	Peak

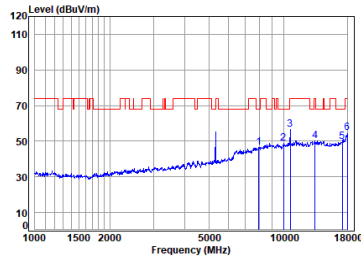
11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.53	36.24	54.00	-17.76	Average
2	9420.880	12.35	38.80	54.62	39.85	36.39	54.00	-17.61	Average
3	pp10636.850	13.76	39.34	53.72	48.07	47.45	54.00	-6.55	Average
4	13365.320	16.13	40.30	54.46	36.44	38.41	54.00	-15.59	Average
5	15668.210	17.24	38.57	54.10	35.99	37.70	54.00	-16.30	Average
6	18000.000	18.35	43.80	54.50	34.70	42.35	54.00	-11.65	Average

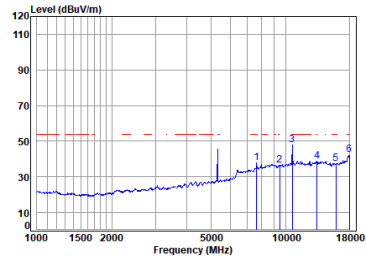
11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	53.31	46.61	68.20	-21.59	Peak
2	9981.525	12.97	38.90	54.12	51.27	49.02	68.20	-19.18	Peak
3	pp10636.850	13.76	39.34	53.72	57.25	56.63	74.00	-17.37	Peak
4	13365.320	16.13	40.30	54.46	48.10	50.07	74.00	-23.93	Peak
5	17186.530	17.91	39.89	54.34	46.06	49.52	68.20	-18.68	Peak
6	18000.000	18.35	43.80	54.50	47.11	54.76	74.00	-19.24	Peak

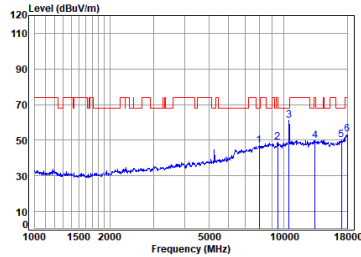
11a_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.77	37.76	54.00	-16.24	Average
2	9448.149	12.43	38.80	54.60	39.85	36.48	54.00	-17.52	Average
3	pp10636.850	13.76	39.34	53.72	48.63	48.01	54.00	-5.99	Average
4	13365.320	16.13	40.30	54.46	36.83	38.80	54.00	-15.20	Average
5	15942.300	17.22	38.66	54.02	35.68	37.54	54.00	-16.46	Average
6	18000.000	18.35	43.80	54.50	34.88	42.53	54.00	-11.47	Average

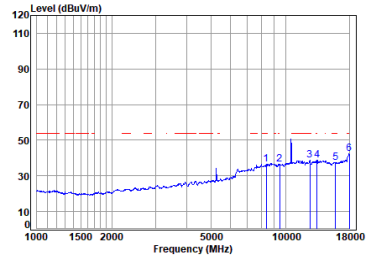
11ax_20M_TX_CH_52_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.37	46.80	68.20	-21.40	Peak
2	9448.149	12.43	38.80	54.60	52.19	48.82	74.00	-25.18	Peak
3	pp10514.580	13.63	39.13	53.79	62.18	61.15	68.20	-7.05	Peak
4	13365.320	16.13	40.30	54.46	47.92	49.89	74.00	-24.11	Peak
5	17087.460	18.42	39.79	54.32	46.38	50.27	68.20	-17.93	Peak
6	18000.000	18.35	43.80	54.50	45.83	53.48	74.00	-20.52	Peak

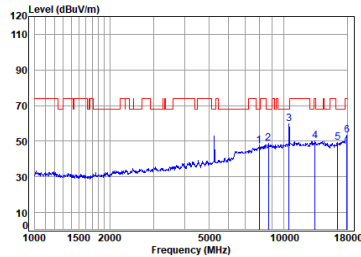
11ax_20M_TX_CH_52_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.76	36.47	54.00	-17.53	Average
2	9475.497	12.50	38.85	54.57	39.67	36.45	54.00	-17.55	Average
3	12505.710	15.45	39.91	54.15	37.66	38.87	54.00	-15.13	Average
4	13365.320	16.13	40.30	54.46	36.92	38.89	54.00	-15.11	Average
5	15850.410	17.16	38.60	54.04	35.77	37.49	54.00	-16.51	Average
6	pp18000.000	18.35	43.80	54.50	34.69	42.34	54.00	-11.66	Average

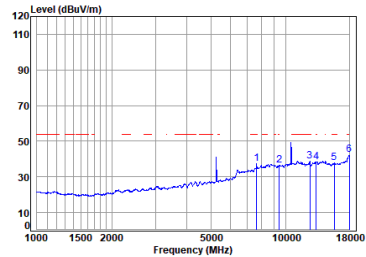
11ax_20M_TX_CH_52_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.88	47.23	68.20	-20.97	Peak
2	8688.480	12.08	38.55	55.28	53.47	48.82	68.20	-19.38	Peak
3	pp10514.580	13.63	39.13	53.79	60.69	59.66	68.20	-8.54	Peak
4	13365.320	16.13	40.30	54.46	48.01	49.98	74.00	-24.02	Peak
5	16504.960	17.74	38.91	54.15	46.84	49.34	68.20	-18.86	Peak
6	17948.050	18.30	43.44	54.49	46.27	53.52	74.00	-20.48	Peak

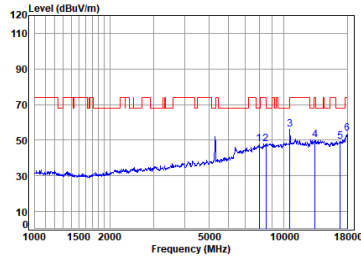
11ax_20M_TX_CH_52_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.56	37.55	54.00	-16.45	Average
2	9420.880	12.35	38.80	54.62	39.95	36.48	54.00	-17.52	Average
3	12505.710	15.45	39.91	54.15	37.75	38.96	54.00	-15.04	Average
4	13288.280	16.44	40.29	54.47	36.19	38.45	54.00	-15.55	Average
5	15668.210	17.24	38.57	54.10	36.08	37.79	54.00	-16.21	Average
6	pp18000.000	18.35	43.80	54.50	34.91	42.56	54.00	-11.44	Average

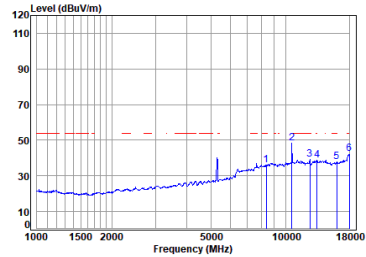
11ax_20M_TX_CH_60_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	54.77	48.12	68.20	-20.08	Peak
2	8489.882	12.24	38.32	55.46	52.96	48.06	74.00	-25.94	Peak
3	pp10606.150	13.62	39.31	53.74	57.06	56.25	74.00	-17.75	Peak
4	13365.320	16.13	40.30	54.46	48.04	50.01	74.00	-23.99	Peak
5	16891.040	18.12	39.60	54.27	46.00	49.45	68.20	-18.75	Peak
6	18000.000	18.35	43.80	54.50	46.32	53.97	74.00	-20.03	Peak

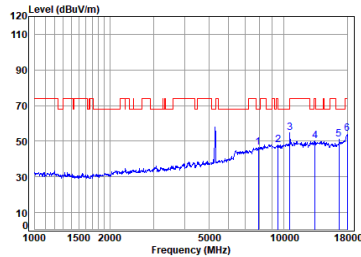
11ax_20M_TX_CH_60_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.41	36.12	54.00	-17.88	Average
2	pp10606.150	13.62	39.31	53.74	49.30	48.49	54.00	-5.51	Average
3	12505.710	15.45	39.91	54.15	38.16	39.37	54.00	-14.63	Average
4	13365.320	16.13	40.30	54.46	36.68	38.65	54.00	-15.35	Average
5	16034.730	17.12	38.57	54.01	36.04	37.72	54.00	-16.28	Average
6	18000.000	18.35	43.80	54.50	35.01	42.66	54.00	-11.34	Average

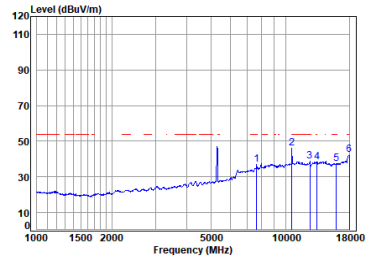
11ax_20M_TX_CH_60_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.29	46.51	68.20	-21.69	Peak
2	9502.925	12.56	38.89	54.55	51.19	48.09	68.20	-20.11	Peak
3	10606.150	13.62	39.31	53.74	55.64	54.83	74.00	-19.17	Peak
4	13365.320	16.13	40.30	54.46	48.43	50.40	74.00	-23.60	Peak
5	pp16696.880	17.59	39.39	54.21	48.13	50.90	68.20	-17.30	Peak
6	18000.000	18.35	43.80	54.50	46.50	54.15	74.00	-19.85	Peak

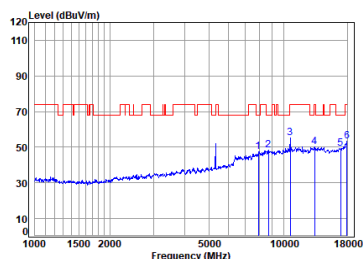
11ax_20M_TX_CH_60_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.15	37.14	54.00	-16.86	Average
2	pp10606.150	13.62	39.31	53.74	46.81	46.00	54.00	-8.00	Average
3	12505.710	15.45	39.91	54.15	37.70	38.91	54.00	-15.09	Average
4	13365.320	16.13	40.30	54.46	36.58	38.55	54.00	-15.45	Average
5	15988.450	17.16	38.61	54.00	35.62	37.39	54.00	-16.61	Average
6	18000.000	18.35	43.80	54.50	34.68	42.33	54.00	-11.67	Average

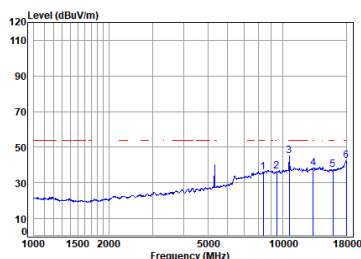
11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	54.15	47.37	68.20	-20.83	Peak
2	8688.480	12.08	38.55	55.28	53.06	48.41	68.20	-19.79	Peak
3	10636.850	13.76	39.34	53.72	55.85	55.23	74.00	-18.77	Peak
4	13326.750	16.37	40.30	54.47	48.12	50.32	74.00	-23.68	Peak
5	pp16939.940	18.14	39.64	54.28	45.94	49.44	68.20	-18.76	Peak
6	17948.050	18.30	43.44	54.49	46.16	53.41	74.00	-20.59	Peak

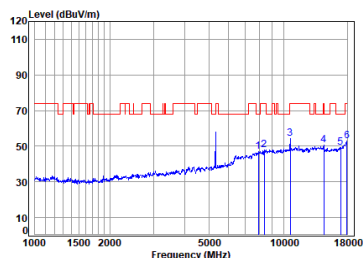
11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.40	36.11	54.00	-17.89	Average
2	9448.149	12.43	38.80	54.60	39.67	36.30	54.00	-17.70	Average
3	pp10636.850	13.76	39.34	53.72	45.88	45.26	54.00	-8.74	Average
4	13288.280	16.44	40.29	54.47	36.17	38.43	54.00	-15.57	Average
5	15896.290	17.27	38.69	54.03	35.69	37.62	54.00	-16.38	Average
6	18000.000	18.35	43.80	54.50	34.80	42.45	54.00	-11.55	Average

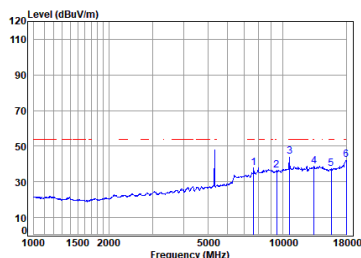
11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.83	47.05	68.20	-21.15	Peak
2	8368.069	11.67	38.66	55.57	53.34	48.10	74.00	-25.90	Peak
3	10636.850	13.76	39.34	53.72	55.07	54.45	74.00	-19.55	Peak
4	14491.960	17.07	39.51	54.35	48.38	50.61	74.00	-23.39	Peak
5	pp16939.940	18.14	39.64	54.28	45.97	49.47	68.20	-18.73	Peak
6	17948.050	18.30	43.44	54.49	45.81	53.06	74.00	-20.94	Peak

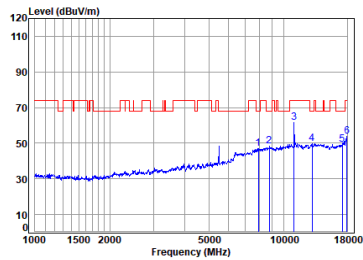
11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.83	37.82	54.00	-16.18	Average
2	9448.149	12.43	38.80	54.60	39.81	36.44	54.00	-17.56	Average
3	pp10667.640	13.89	39.37	53.70	44.63	44.19	54.00	-9.81	Average
4	13365.320	16.13	40.30	54.46	36.78	38.75	54.00	-15.25	Average
5	15668.210	17.24	38.57	54.10	35.88	37.59	54.00	-16.41	Average
6	18000.000	18.35	43.80	54.50	34.78	42.43	54.00	-11.57	Average

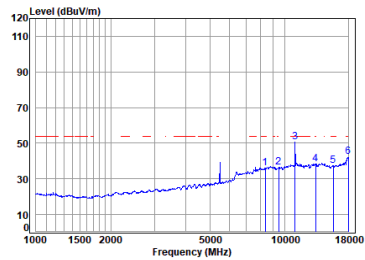
11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.73	46.95	68.20	-21.25	Peak
2	8764.146	12.19	38.50	55.21	52.91	48.39	68.20	-19.81	Peak
3	pp11012.250	14.23	39.41	53.50	61.29	61.43	74.00	-12.57	Peak
4	13022.130	15.82	40.30	54.50	48.12	49.74	68.20	-18.46	Peak
5	17186.530	17.91	39.89	54.34	45.81	49.27	68.20	-18.93	Peak
6	17948.050	18.30	43.44	54.49	46.42	53.67	74.00	-20.33	Peak

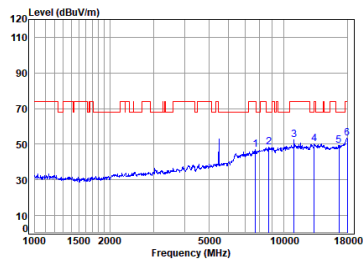
11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.37	36.08	54.00	-17.92	Average
2	9448.149	12.43	38.80	54.60	39.67	36.30	54.00	-17.70	Average
3	pp11012.250	14.23	39.41	53.50	50.54	50.68	54.00	-3.32	Average
4	13326.750	16.37	40.30	54.47	36.21	38.41	54.00	-15.59	Average
5	15668.210	17.24	38.57	54.10	35.82	37.53	54.00	-16.47	Average
6	18000.000	18.35	43.80	54.50	34.77	42.42	54.00	-11.58	Average

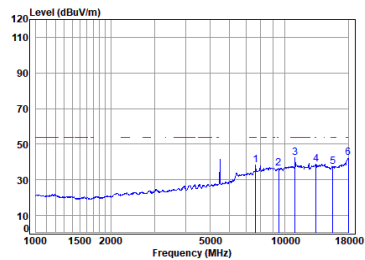
11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7695.244	11.43	36.90	56.14	54.59	46.78	74.00	-27.22	Peak
2	8713.630	12.11	38.57	55.26	53.13	48.55	68.20	-19.65	Peak
3	11012.250	14.23	39.41	53.50	52.43	52.57	74.00	-21.43	Peak
4	13288.280	16.44	40.29	54.47	48.03	50.29	74.00	-23.71	Peak
5	pp16696.880	17.59	39.39	54.21	46.60	49.37	68.20	-18.83	Peak
6	18000.000	18.35	43.80	54.50	45.79	53.44	74.00	-20.56	Peak

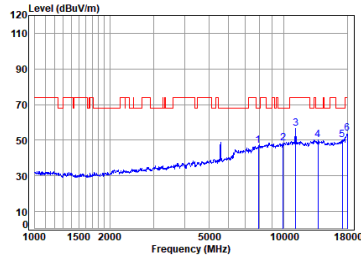
11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	46.20	38.19	54.00	-15.81	Average
2	9448.149	12.43	38.80	54.60	39.78	36.41	54.00	-17.59	Average
3	pp11012.250	14.23	39.41	53.50	42.48	42.62	54.00	-11.38	Average
4	13365.320	16.13	40.30	54.46	36.61	38.58	54.00	-15.42	Average
5	15622.990	17.19	38.52	54.11	35.92	37.52	54.00	-16.48	Average
6	18000.000	18.35	43.80	54.50	34.61	42.26	54.00	-11.74	Average

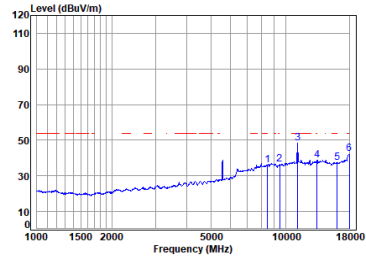
11a_TX_CH_120_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.72	46.94	68.20	-21.26	Peak
2	9952.717	12.91	38.90	54.14	50.80	48.47	68.20	-19.73	Peak
3	pp11172.560	14.73	39.57	53.55	55.89	56.64	74.00	-17.36	Peak
4	13757.270	16.15	39.94	54.42	48.73	50.40	68.20	-17.80	Peak
5	17186.530	17.91	39.89	54.34	46.52	49.98	68.20	-18.22	Peak
6	18000.000	18.35	43.80	54.50	46.40	54.05	74.00	-19.95	Peak

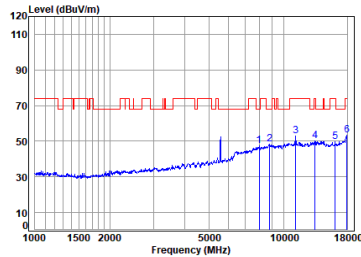
11a_TX_CH_120_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8440.945	11.91	38.44	55.50	41.26	36.11	54.00	-17.89	Average
2	9448.149	12.43	38.80	54.60	39.69	36.32	54.00	-17.68	Average
3	pp11172.560	14.73	39.57	53.55	47.45	48.20	54.00	-5.80	Average
4	13365.320	16.13	40.30	54.46	36.76	38.73	54.00	-15.27	Average
5	16081.140	17.09	38.52	54.02	36.00	37.59	54.00	-16.41	Average
6	18000.000	18.35	43.80	54.50	34.69	42.34	54.00	-11.66	Average

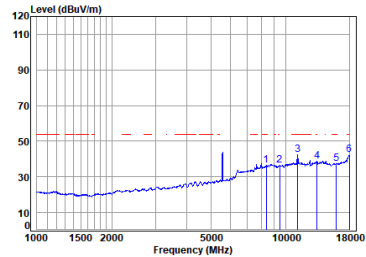
11a_TX_CH_120_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.93	47.36	68.20	-20.84	Peak
2	pp 8789.516	12.23	38.50	55.19	52.65	48.19	68.20	-20.01	Peak
3	11172.560	14.73	39.57	53.55	52.30	53.05	74.00	-20.95	Peak
4	13365.320	16.13	40.30	54.46	48.13	50.10	74.00	-23.90	Peak
5	16127.690	17.11	38.50	54.04	48.24	49.81	74.00	-24.19	Peak
6	17948.050	18.30	43.44	54.49	45.95	53.20	74.00	-20.80	Peak

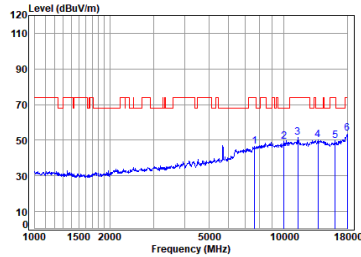
11a_TX_CH_120_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.58	36.29	54.00	-17.71	Average
2	9448.149	12.43	38.80	54.60	39.81	36.44	54.00	-17.56	Average
3	pp11172.560	14.73	39.57	53.55	41.88	42.63	54.00	-11.37	Average
4	13365.320	16.13	40.30	54.46	36.68	38.65	54.00	-15.35	Average
5	15988.450	17.16	38.61	54.00	35.77	37.54	54.00	-16.46	Average
6	18000.000	18.35	43.80	54.50	34.82	42.47	54.00	-11.53	Average

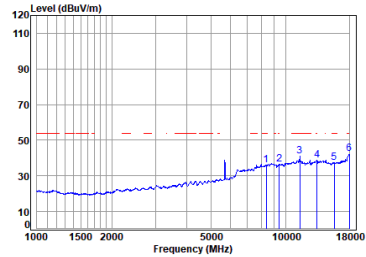
11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	54.59	46.58	74.00	-27.42	Peak
2	10010.420	13.04	38.92	54.09	51.44	49.31	68.20	-18.89	Peak
3	11400.910	14.22	39.70	53.62	51.28	51.58	74.00	-22.42	Peak
4	pp13717.560	16.33	39.98	54.43	48.21	50.09	68.20	-18.11	Peak
5	16081.140	17.09	38.52	54.02	48.01	49.60	74.00	-24.40	Peak
6	18000.000	18.35	43.80	54.50	46.09	53.74	74.00	-20.26	Peak

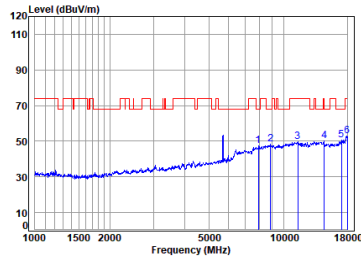
11a_TX_CH_140_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.50	36.21	54.00	-17.79	Average
2	9420.880	12.35	38.80	54.62	39.97	36.50	54.00	-17.50	Average
3	11400.910	14.22	39.70	53.62	40.59	40.89	54.00	-13.11	Average
4	13365.320	16.13	40.30	54.46	36.67	38.64	54.00	-15.36	Average
5	15668.210	17.24	38.57	54.10	35.71	37.42	54.00	-16.58	Average
6	pp18000.000	18.35	43.80	54.50	34.65	42.30	54.00	-11.70	Average

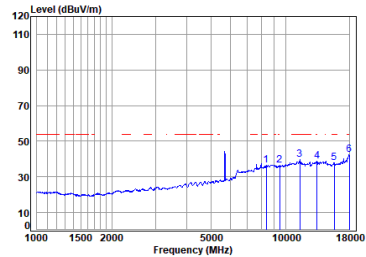
11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	54.11	47.33	68.20	-20.87	Peak
2	8866.062	12.23	38.53	55.12	52.81	48.45	68.20	-19.75	Peak
3	11400.910	14.22	39.70	53.62	49.61	49.91	74.00	-24.09	Peak
4	14533.910	16.79	39.43	54.35	48.15	50.02	68.20	-18.18	Peak
5	pp17087.460	18.42	39.79	54.32	46.66	50.55	68.20	-17.65	Peak
6	18000.000	18.35	43.80	54.50	45.33	52.98	74.00	-21.02	Peak

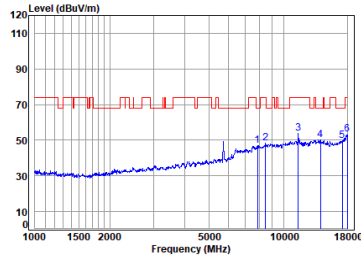
11a_TX_CH_140_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.80	36.51	54.00	-17.49	Average
2	9448.149	12.43	38.80	54.60	39.76	36.39	54.00	-17.61	Average
3	11400.910	14.22	39.70	53.62	39.20	39.50	54.00	-14.50	Average
4	13365.320	16.13	40.30	54.46	36.71	38.68	54.00	-15.32	Average
5	15668.210	17.24	38.57	54.10	36.11	37.82	54.00	-16.18	Average
6	pp18000.000	18.35	43.80	54.50	34.62	42.27	54.00	-11.73	Average

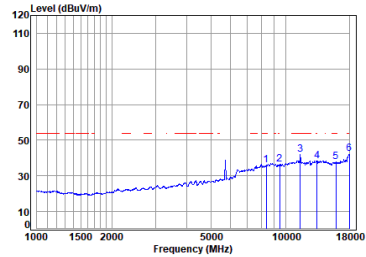
11a_TX_CH_144_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Loss	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7852.524	11.43	37.41	56.02	54.06	46.88	68.20	-21.32	Peak	
2	8465.379	12.08	38.37	55.48	53.21	48.18	74.00	-25.82	Peak	
3	11433.910	14.50	39.67	53.63	53.46	54.00	74.00	-20.00	Peak	
4	pp14038.450	16.51	39.90	54.40	48.24	50.25	68.20	-17.95	Peak	
5	17186.530	17.91	39.89	54.34	46.07	49.53	68.20	-18.67	Peak	
6	18000.000	18.35	43.80	54.50	45.73	53.38	74.00	-20.62	Peak	

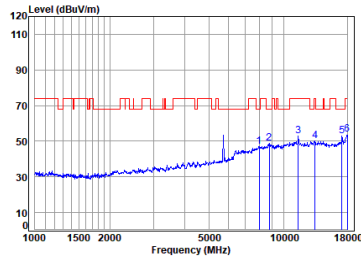
11a_TX_CH_144_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Loss	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8368.069	11.67	38.66	55.57	41.43	36.19	54.00	-17.81	Average	
2	9448.149	12.43	38.80	54.60	39.68	36.31	54.00	-17.69	Average	
3	11433.910	14.50	39.67	53.63	41.65	42.19	54.00	-11.81	Average	
4	13365.320	16.13	40.30	54.46	36.44	38.41	54.00	-15.59	Average	
5	15896.290	17.27	38.69	54.03	36.11	38.04	54.00	-15.96	Average	
6	pp18000.000	18.35	43.80	54.50	34.57	42.22	54.00	-11.78	Average	

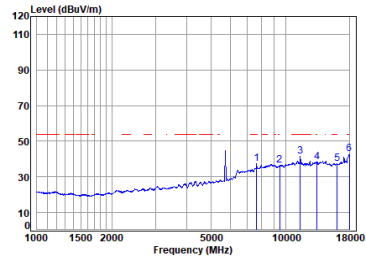
11a_TX_CH_144_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Loss	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.42	46.85	68.20	-21.35	Peak	
2	8764.146	12.19	38.50	55.21	53.16	48.64	68.20	-19.56	Peak	
3	11433.910	14.50	39.67	53.63	52.20	52.74	74.00	-21.26	Peak	
4	13365.320	16.13	40.30	54.46	48.06	50.03	74.00	-23.97	Peak	
5	pp17136.920	18.23	39.84	54.33	49.33	53.07	68.20	-15.13	Peak	
6	18000.000	18.35	43.80	54.50	46.04	53.69	74.00	-20.31	Peak	

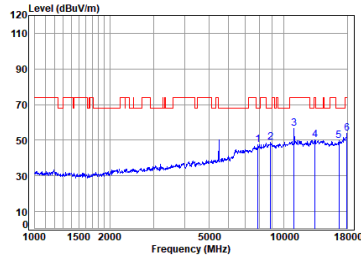
11a_TX_CH_144_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Loss	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.64	37.63	54.00	-16.37	Average	
2	9448.149	12.43	38.80	54.60	39.66	36.29	54.00	-17.71	Average	
3	11433.910	14.50	39.67	53.63	41.02	41.56	54.00	-12.44	Average	
4	13365.320	16.13	40.30	54.46	36.44	38.48	54.00	-15.52	Average	
5	16081.140	17.09	38.52	54.02	35.75	37.34	54.00	-16.66	Average	
6	pp18000.000	18.35	43.80	54.50	35.15	42.80	54.00	-11.20	Average	

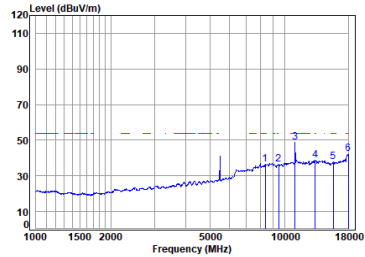
11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7875.254	11.48	37.50	56.00	54.58	47.56	68.20	-20.64	Peak
2	8866.062	12.23	38.53	55.12	53.00	48.64	68.20	-19.56	Peak
3	pp11012.250	14.23	39.41	53.50	56.63	56.77	74.00	-17.23	Peak
4	13365.320	16.13	40.23	54.46	48.38	50.35	74.00	-23.65	Peak
5	16648.690	17.62	39.30	54.19	46.90	49.63	68.20	-18.57	Peak
6	17948.050	18.30	43.44	54.49	46.64	53.89	74.00	-20.11	Peak

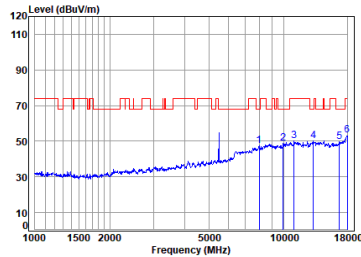
11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.60	36.31	54.00	-17.69	Average
2	9448.149	12.43	38.80	54.60	39.70	36.33	54.00	-17.67	Average
3	pp11012.250	14.23	39.41	53.50	48.67	48.81	54.00	-5.19	Average
4	13288.280	16.44	40.29	54.47	36.35	38.61	54.00	-15.39	Average
5	15668.210	17.24	38.57	54.10	36.00	37.71	54.00	-16.29	Average
6	18000.000	18.35	43.80	54.50	34.80	42.45	54.00	-11.55	Average

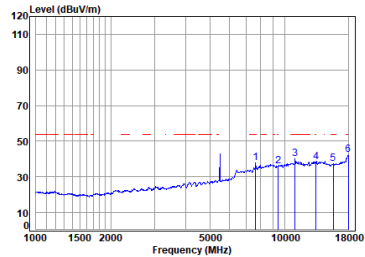
11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	54.19	47.62	68.20	-20.58	Peak
2	9952.717	12.91	38.90	54.14	51.13	48.80	68.20	-19.40	Peak
3	11012.250	14.23	39.41	53.50	50.23	50.37	74.00	-23.63	Peak
4	pp13173.560	15.64	40.23	54.48	48.70	50.09	68.20	-18.11	Peak
5	16745.210	17.53	39.49	54.22	47.16	49.96	68.20	-18.24	Peak
6	18000.000	18.35	43.80	54.50	45.64	53.29	74.00	-20.71	Peak

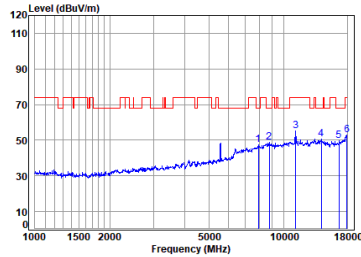
11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.88	37.87	54.00	-16.13	Average
2	9420.880	12.35	38.80	54.62	39.72	36.25	54.00	-17.75	Average
3	11012.250	14.23	39.41	53.50	39.86	40.00	54.00	-14.00	Average
4	13365.320	16.13	40.30	54.46	36.52	38.49	54.00	-15.51	Average
5	15668.210	17.24	38.57	54.10	35.71	37.42	54.00	-16.58	Average
6	pp18000.000	18.35	43.80	54.50	34.68	42.33	54.00	-11.67	Average

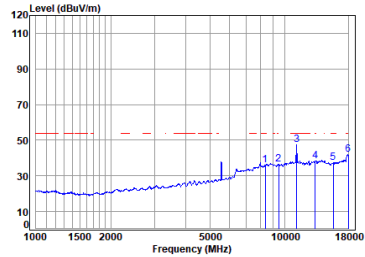
11ax_20M_TX_CH_120_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7898.049	11.54	37.59	55.98	54.15	47.30	68.20	-20.90	Peak
2	8738.852	12.15	38.52	55.24	53.23	48.66	68.20	-19.54	Peak
3	11172.560	14.73	39.57	53.55	54.48	55.23	74.00	-18.77	Peak
4	pp14160.710	16.18	39.84	54.38	49.14	50.78	68.20	-17.42	Peak
5	16696.880	17.59	39.39	54.21	47.00	49.77	68.20	-18.43	Peak
6	17948.050	18.30	43.44	54.49	45.77	53.02	74.00	-20.98	Peak

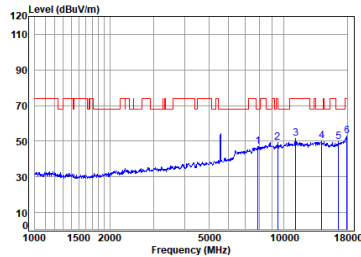
11ax_20M_TX_CH_120_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.50	36.21	54.00	-17.79	Average
2	9448.149	12.43	38.80	54.60	39.77	36.40	54.00	-17.60	Average
3	pp11172.560	14.73	39.57	53.55	46.69	47.44	54.00	-6.56	Average
4	13288.280	16.44	40.29	54.47	36.14	38.40	54.00	-15.60	Average
5	15668.210	17.24	38.57	54.10	35.64	37.35	54.00	-16.65	Average
6	18000.000	18.35	43.80	54.50	34.54	42.19	54.00	-11.81	Average

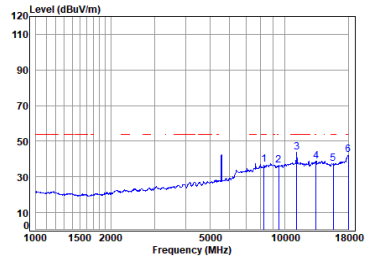
11ax_20M_TX_CH_120_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7875.254	11.48	37.50	56.00	53.97	46.95	68.20	-21.25	Peak
2	9448.149	12.43	38.80	54.60	52.65	49.28	74.00	-24.72	Peak
3	11172.560	14.73	39.57	53.55	50.86	51.61	74.00	-22.39	Peak
4	pp14201.690	15.93	39.80	54.38	48.67	50.02	68.20	-18.18	Peak
5	16600.640	17.65	39.20	54.18	46.86	49.53	68.20	-18.67	Peak
6	17948.050	18.30	43.44	54.49	45.71	52.96	74.00	-21.04	Peak

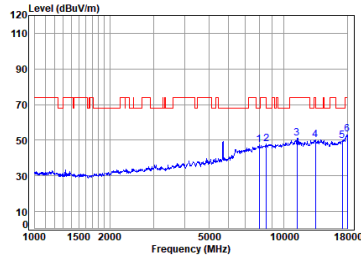
11ax_20M_TX_CH_120_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5580 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8271.880	11.71	37.84	55.66	43.27	37.16	54.00	-16.84	Average
2	9448.149	12.43	38.80	54.60	39.78	36.41	54.00	-17.59	Average
3	pp11172.560	14.73	39.57	53.55	42.86	43.61	54.00	-10.39	Average
4	13365.320	16.13	40.30	54.46	36.64	38.61	54.00	-15.39	Average
5	15668.210	17.24	38.57	54.10	35.90	37.61	54.00	-16.39	Average
6	18000.000	18.35	43.80	54.50	34.91	42.56	54.00	-11.44	Average

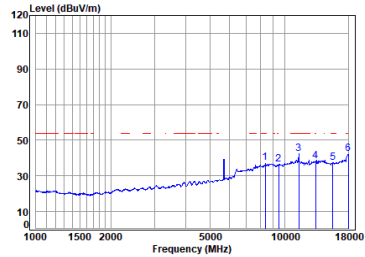
11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	54.10	47.53	68.20	-20.67	Peak
2	8514.456	12.26	38.30	55.44	53.01	48.13	68.20	-20.07	Peak
3	11302.480	14.63	39.70	53.59	50.52	51.26	74.00	-22.74	Peak
4	pp13442.810	15.87	40.21	54.46	48.69	50.31	68.20	-17.89	Peak
5	17186.530	17.91	39.89	54.34	46.39	49.85	68.20	-18.35	Peak
6	18000.000	18.35	43.80	54.50	45.77	53.42	74.00	-20.58	Peak

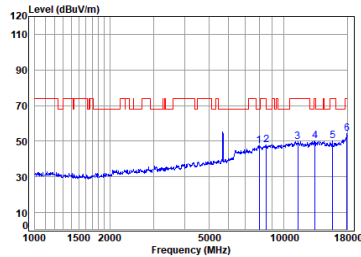
11ax_20M_TX_CH_140_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	42.68	37.39	54.00	-16.61	Average
2	9448.149	12.43	38.80	54.60	39.73	36.36	54.00	-17.64	Average
3	11400.910	14.22	39.70	53.62	41.92	42.22	54.00	-11.78	Average
4	13326.750	16.37	40.30	54.47	36.27	38.47	54.00	-15.53	Average
5	15622.990	17.19	38.52	54.11	35.76	37.36	54.00	-16.64	Average
6	pp18000.000	18.35	43.80	54.50	34.64	42.29	54.00	-11.71	Average

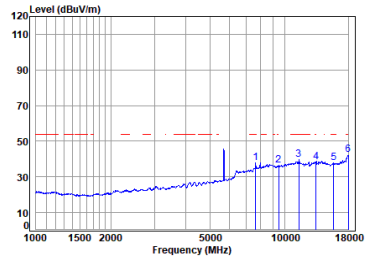
11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	54.16	47.59	68.20	-20.61	Peak
2	8514.456	12.26	38.30	55.44	52.91	48.03	68.20	-20.17	Peak
3	11400.910	14.22	39.70	53.62	49.61	49.91	74.00	-24.09	Peak
4	13365.320	16.13	40.30	54.46	48.28	50.25	74.00	-23.75	Peak
5	15713.560	17.24	38.59	54.09	48.23	49.97	74.00	-24.03	Peak
6	pp17948.050	18.30	43.44	54.49	47.09	54.34	74.00	-19.66	Peak

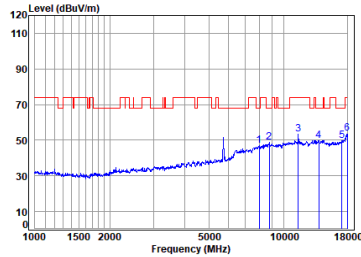
11ax_20M_TX_CH_140_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.88	37.87	54.00	-16.13	Average
2	9448.149	12.43	38.80	54.60	39.84	36.47	54.00	-17.53	Average
3	11400.910	14.22	39.70	53.62	39.20	39.50	54.00	-14.50	Average
4	13365.320	16.13	40.30	54.46	36.53	38.50	54.00	-15.50	Average
5	15713.560	17.24	38.59	54.09	35.96	37.70	54.00	-16.30	Average
6	pp18000.000	18.35	43.80	54.50	34.81	42.46	54.00	-11.54	Average

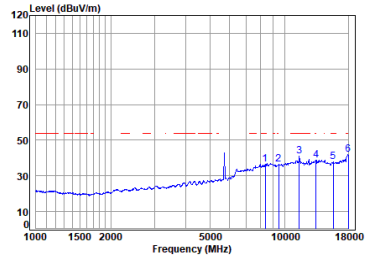
11ax_20M_TX_CH_144_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.45	46.88	68.20	-21.32	Peak
2	8738.852	12.15	38.52	55.24	53.41	48.84	68.20	-19.36	Peak
3	11433.910	14.50	39.67	53.63	52.71	53.25	74.00	-20.75	Peak
4	pp13837.020	15.95	39.90	54.42	48.52	49.95	68.20	-18.25	Peak
5	17136.920	18.23	39.84	54.33	46.04	49.78	68.20	-18.42	Peak
6	18000.000	18.35	43.80	54.50	46.13	53.78	74.00	-20.22	Peak

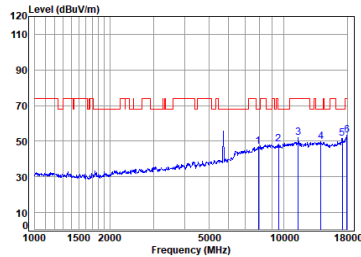
11ax_20M_TX_CH_144_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.71	36.42	54.00	-17.58	Average
2	9448.149	12.43	38.80	54.60	39.68	36.31	54.00	-17.69	Average
3	11433.910	14.50	39.67	53.63	40.55	41.09	54.00	-12.91	Average
4	13365.320	16.13	40.30	54.46	36.64	38.61	54.00	-15.39	Average
5	15668.210	17.24	38.57	54.10	36.24	37.95	54.00	-16.05	Average
6	pp18000.000	18.35	43.80	54.50	34.52	42.17	54.00	-11.83	Average

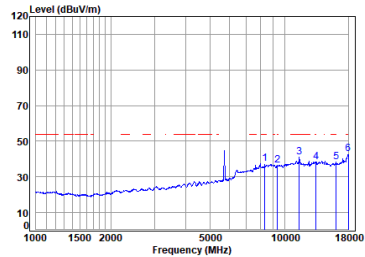
11ax_20M_TX_CH_144_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.049	11.54	37.59	55.98	53.92	47.07	68.20	-21.13	Peak
2	9530.432	12.52	38.84	54.52	51.46	48.30	68.20	-19.90	Peak
3	11433.910	14.50	39.67	53.63	51.33	51.87	74.00	-22.13	Peak
4	14119.830	16.45	39.88	54.39	47.57	49.51	68.20	-18.69	Peak
5	pp17186.530	17.91	39.89	54.34	48.07	51.53	68.20	-16.67	Peak
6	17948.050	18.30	43.44	54.49	45.98	53.23	74.00	-20.77	Peak

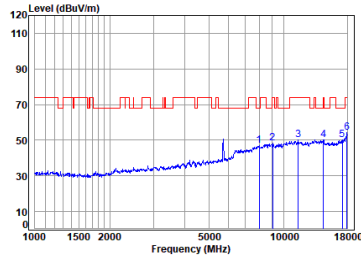
11ax_20M_TX_CH_144_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8319.836	11.73	38.22	55.61	42.86	37.20	54.00	-16.80	Average
2	9339.543	12.22	38.80	54.69	40.05	36.38	54.00	-17.62	Average
3	11433.910	14.50	39.67	53.63	40.64	41.18	54.00	-12.82	Average
4	13365.320	16.13	40.30	54.46	36.58	38.55	54.00	-15.45	Average
5	16081.140	17.09	38.52	54.02	36.55	38.14	54.00	-15.86	Average
6	pp18000.000	18.35	43.80	54.50	35.02	42.67	54.00	-11.33	Average

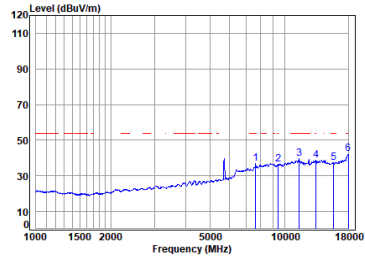
11ax_40M_TX_CH_142_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.48	46.91	68.20	-21.29	Peak
2	9821.160	12.14	38.60	54.98	52.81	48.57	74.00	-25.43	Peak
3	11433.910	14.50	39.67	53.63	49.74	50.28	74.00	-23.72	Peak
4	pp14450.130	16.98	39.55	54.35	48.21	50.39	68.20	-17.81	Peak
5	17186.530	17.91	39.89	54.34	46.58	50.04	68.20	-18.16	Peak
6	17948.050	18.30	43.44	54.49	47.21	54.46	74.00	-19.54	Peak

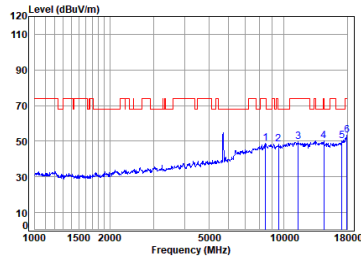
11ax_40M_TX_CH_142_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.06	37.05	54.00	-16.95	Average
2	9420.880	12.35	38.80	54.62	39.89	36.42	54.00	-17.58	Average
3	11433.910	14.50	39.67	53.63	39.32	39.86	54.00	-14.14	Average
4	13365.320	16.13	40.30	54.46	36.72	38.69	54.00	-15.31	Average
5	15713.560	17.24	38.59	54.09	35.77	37.51	54.00	-16.49	Average
6	pp18000.000	18.35	43.80	54.50	34.83	42.48	54.00	-11.52	Average

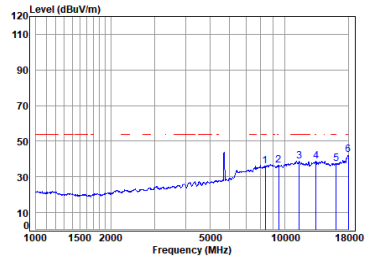
11ax_40M_TX_CH_142_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8465.379	12.08	38.37	55.48	54.07	49.04	74.00	-24.96	Peak
2	9530.432	12.52	38.84	54.52	51.66	48.50	68.20	-19.70	Peak
3	11433.910	14.50	39.67	53.63	49.03	49.57	74.00	-24.43	Peak
4	14491.960	17.07	39.51	54.35	47.86	50.09	74.00	-23.91	Peak
5	pp17136.920	18.23	39.84	54.33	46.65	50.39	68.20	-17.81	Peak
6	17948.050	18.30	43.44	54.49	46.27	53.52	74.00	-20.48	Peak

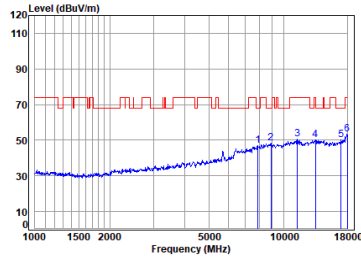
11ax_40M_TX_CH_142_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.40	36.11	54.00	-17.89	Average
2	9475.497	12.50	38.85	54.57	39.57	36.35	54.00	-17.65	Average
3	11433.910	14.50	39.67	53.63	38.43	38.97	54.00	-15.03	Average
4	13365.320	16.13	40.30	54.46	36.62	38.59	54.00	-15.41	Average
5	16081.140	17.09	38.52	54.02	35.91	37.50	54.00	-16.50	Average
6	pp18000.000	18.35	43.80	54.50	34.59	42.24	54.00	-11.76	Average

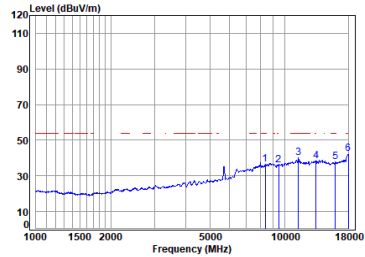
11ax_80M_TX_CH_138_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7875.254	11.48	37.50	56.00	54.16	47.14	68.20	-21.06	Peak
2	8891.725	12.22	38.58	55.10	52.49	48.19	68.20	-20.01	Peak
3	11368.000	14.35	39.70	53.61	49.99	50.43	74.00	-23.57	Peak
4	pp13404.010	15.91	40.29	54.46	48.58	50.32	68.20	-17.88	Peak
5	17038.150	18.22	39.74	54.31	46.42	50.07	68.20	-18.13	Peak
6	18000.000	18.35	43.80	54.50	45.61	53.26	74.00	-20.74	Peak

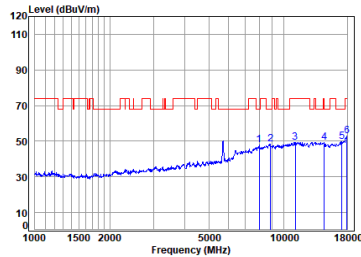
11ax_80M_TX_CH_138_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.59	36.30	54.00	-17.70	Average
2	9448.149	12.43	38.80	54.60	39.61	36.24	54.00	-17.76	Average
3	11335.190	14.49	39.70	53.60	39.34	39.93	54.00	-14.07	Average
4	13365.320	16.13	40.30	54.46	36.57	38.54	54.00	-15.46	Average
5	15988.450	17.16	38.61	54.00	35.92	37.69	54.00	-16.31	Average
6	pp18000.000	18.35	43.80	54.50	34.84	42.49	54.00	-11.51	Average

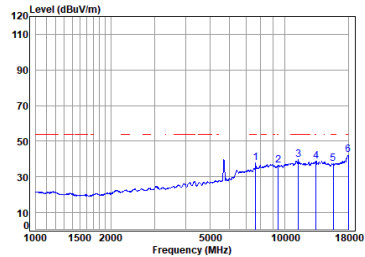
11ax_80M_TX_CH_138_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	54.47	47.82	68.20	-20.38	Peak
2	8840.473	12.24	38.50	55.14	52.66	48.26	68.20	-19.94	Peak
3	11140.310	14.70	39.54	53.54	48.74	49.44	74.00	-24.56	Peak
4	14533.910	16.79	39.43	54.35	47.63	49.50	68.20	-18.70	Peak
5	pp17136.920	18.23	39.84	54.33	46.01	49.75	68.20	-18.45	Peak
6	17948.050	18.30	43.44	54.49	45.64	52.89	74.00	-21.11	Peak

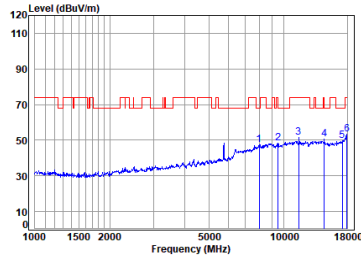
11ax_80M_TX_CH_138_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.86	37.85	54.00	-16.15	Average
2	9420.880	12.35	38.80	54.62	40.13	36.66	54.00	-17.34	Average
3	11368.000	14.35	39.70	53.61	39.14	39.58	54.00	-14.42	Average
4	13365.320	16.13	40.30	54.46	36.67	38.64	54.00	-15.36	Average
5	15668.210	17.24	38.57	54.10	35.88	37.59	54.00	-16.41	Average
6	pp18000.000	18.35	43.80	54.50	34.63	42.28	54.00	-11.72	Average

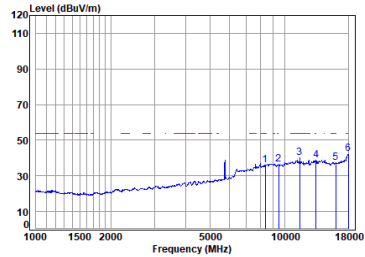
11a_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.90	47.33	68.20	-20.87	Peak
2	9502.925	12.56	38.89	54.55	51.31	48.21	68.20	-19.99	Peak
3	11500.200	15.05	39.60	53.65	50.59	51.59	74.00	-22.41	Peak
4	pp14533.910	16.79	39.43	54.35	48.72	50.59	68.20	-17.61	Peak
5	17186.530	17.91	39.89	54.34	46.19	49.65	68.20	-18.55	Peak
6	17948.050	18.30	43.44	54.49	46.00	53.25	74.00	-20.75	Peak

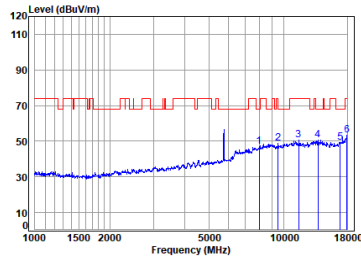
11a_TX_CH_149_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.42	36.13	54.00	-17.87	Average
2	9448.149	12.43	38.80	54.60	39.71	36.34	54.00	-17.66	Average
3	11500.200	15.05	39.60	53.65	39.25	40.25	54.00	-13.75	Average
4	13365.320	16.13	40.30	54.46	36.60	38.57	54.00	-15.43	Average
5	16034.730	17.12	38.57	54.01	35.90	37.58	54.00	-16.42	Average
6	pp18000.000	18.35	43.80	54.50	34.76	42.41	54.00	-11.59	Average

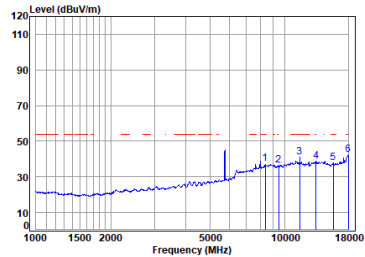
11a_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.45	46.80	68.20	-21.40	Peak
2	9502.925	12.56	38.89	54.55	51.76	48.66	68.20	-19.54	Peak
3	11500.200	15.05	39.60	53.65	49.49	50.49	74.00	-23.51	Peak
4	pp13717.560	16.33	39.98	54.43	48.79	50.67	68.20	-17.53	Peak
5	16891.040	18.12	39.60	54.27	46.01	49.46	68.20	-18.74	Peak
6	17948.050	18.30	43.44	54.49	45.98	53.23	74.00	-20.77	Peak

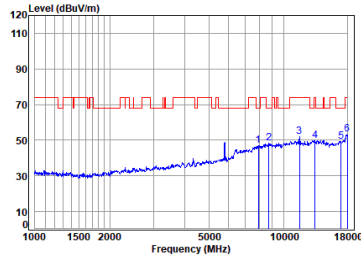
11a_TX_CH_149_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	42.63	37.34	54.00	-16.66	Average
2	9448.149	12.43	38.80	54.60	39.70	36.33	54.00	-17.67	Average
3	11500.200	15.05	39.60	53.65	39.85	40.85	54.00	-13.15	Average
4	13365.320	16.13	40.30	54.46	36.83	38.80	54.00	-15.20	Average
5	15668.210	17.24	38.57	54.10	36.03	37.74	54.00	-16.26	Average
6	pp18000.000	18.35	43.80	54.50	34.72	42.37	54.00	-11.63	Average

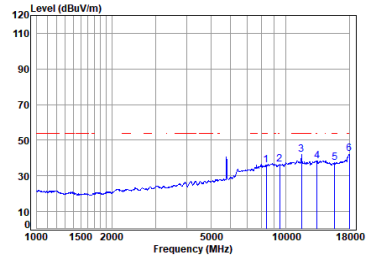
11a_TX_CH_157_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.75	46.97	68.20	-21.23	Peak
2	8713.630	12.11	38.57	55.26	53.01	48.43	68.20	-19.77	Peak
3	11566.870	14.79	39.60	53.67	51.32	52.04	74.00	-21.96	Peak
4	13365.320	16.13	40.30	54.46	47.95	49.92	74.00	-24.08	Peak
5	pp17038.150	18.22	39.74	54.31	45.83	49.48	68.20	-18.72	Peak
6	18000.000	18.35	43.80	54.50	45.58	53.23	74.00	-20.77	Peak

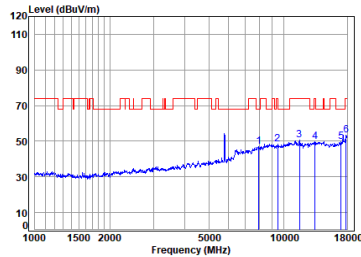
11a_TX_CH_157_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.50	36.21	54.00	-17.79	Average
2	9448.149	12.43	38.80	54.60	39.72	36.35	54.00	-17.65	Average
3	11566.870	14.79	39.60	53.67	41.32	42.04	54.00	-11.96	Average
4	13365.320	16.13	40.30	54.46	36.40	38.37	54.00	-15.63	Average
5	15713.560	17.24	38.59	54.09	35.65	37.39	54.00	-16.61	Average
6	pp18000.000	18.35	43.80	54.50	34.67	42.32	54.00	-11.68	Average

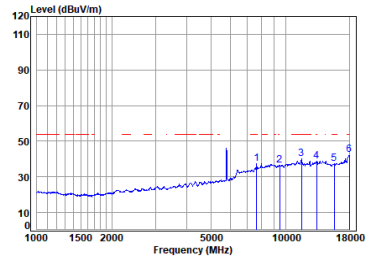
11a_TX_CH_157_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	53.69	46.99	68.20	-21.21	Peak
2	9448.149	12.43	38.80	54.60	51.68	48.31	74.00	-25.69	Peak
3	11566.870	14.79	39.60	53.67	50.07	50.79	74.00	-23.21	Peak
4	13365.320	16.13	40.30	54.46	47.84	49.81	74.00	-24.19	Peak
5	pp17038.150	18.22	39.74	54.31	46.24	49.89	68.20	-18.31	Peak
6	17844.590	18.21	42.77	54.47	47.05	53.56	74.00	-20.44	Peak

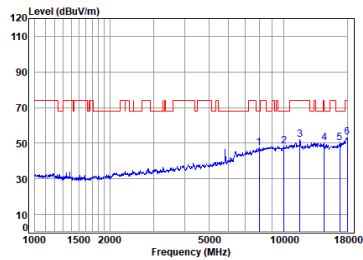
11a_TX_CH_157_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.33	37.32	54.00	-16.68	Average
2	9448.149	12.43	38.80	54.60	39.86	36.49	54.00	-17.51	Average
3	11566.870	14.79	39.60	53.67	39.45	40.17	54.00	-13.83	Average
4	13326.750	16.37	40.30	54.47	36.45	38.65	54.00	-15.35	Average
5	15668.210	17.24	38.57	54.10	35.91	37.62	54.00	-16.38	Average
6	pp18000.000	18.35	43.80	54.50	34.66	42.31	54.00	-11.69	Average

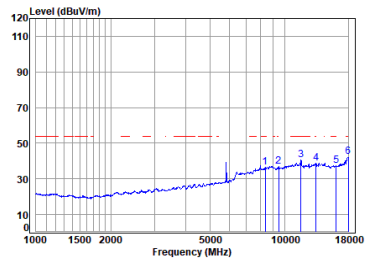
11a_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	54.05	47.48	68.20	-20.72	Peak
2	10010.420	13.04	38.92	54.09	50.47	48.34	68.20	-19.86	Peak
3	11633.930	14.68	39.57	53.69	51.28	51.84	74.00	-22.16	Peak
4	14533.910	16.79	39.43	54.35	48.19	50.06	68.20	-18.14	Peak
5	pp16793.600	17.47	39.59	54.24	47.54	50.36	68.20	-17.84	Peak
6	18000.000	18.35	43.80	54.50	45.96	53.61	74.00	-20.39	Peak

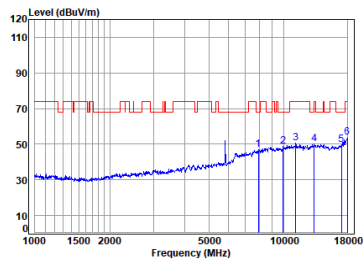
11a_TX_CH_165_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.64	36.35	54.00	-17.65	Average
2	9448.149	12.43	38.80	54.60	40.17	36.80	54.00	-17.20	Average
3	11633.930	14.68	39.57	53.69	40.11	40.67	54.00	-13.33	Average
4	13365.320	16.13	40.30	54.46	36.90	38.87	54.00	-15.13	Average
5	16081.140	17.09	38.52	54.02	36.02	37.61	54.00	-16.39	Average
6	pp18000.000	18.35	43.80	54.50	34.82	42.47	54.00	-11.53	Average

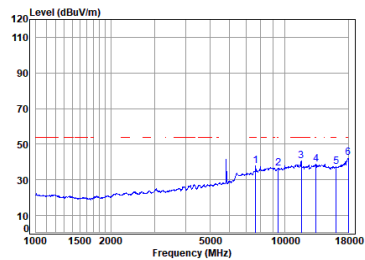
11a_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.57	46.79	68.20	-21.41	Peak
2	9952.717	12.91	38.90	54.14	51.22	48.89	68.20	-19.31	Peak
3	11172.560	14.73	39.57	53.55	49.83	50.58	74.00	-23.42	Peak
4	13288.280	16.44	40.29	54.47	47.83	50.09	74.00	-23.91	Peak
5	pp17087.460	18.42	39.79	54.32	45.70	49.59	68.20	-18.61	Peak
6	18000.000	18.35	43.80	54.50	46.19	53.84	74.00	-20.16	Peak

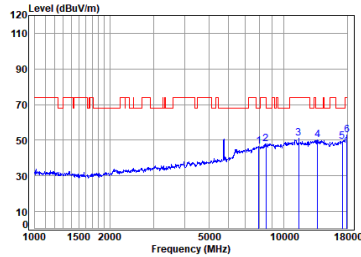
11a_TX_CH_165_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	45.88	37.87	54.00	-16.13	Average
2	9420.880	12.35	38.80	54.62	40.04	36.57	54.00	-17.43	Average
3	11667.600	14.71	39.53	53.70	40.02	40.56	54.00	-13.44	Average
4	13365.320	16.13	40.30	54.46	36.71	38.68	54.00	-15.32	Average
5	16081.140	17.09	38.52	54.02	35.82	37.41	54.00	-16.59	Average
6	pp18000.000	18.35	43.80	54.50	34.85	42.50	54.00	-11.50	Average

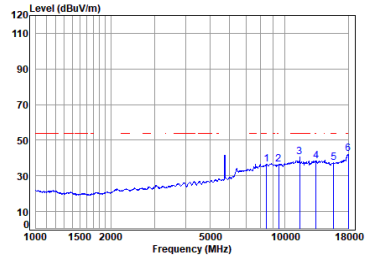
11ax_20M_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	53.22	46.52	68.20	-21.68	Peak
2	8489.882	12.24	38.32	55.46	53.00	48.10	74.00	-25.90	Peak
3	11500.200	15.05	39.60	53.65	50.21	51.21	74.00	-22.79	Peak
4	pp13677.970	16.27	40.00	54.43	48.55	50.39	68.20	-17.81	Peak
5	17186.530	17.91	39.89	54.34	45.88	49.34	68.20	-18.86	Peak
6	17948.050	18.30	43.44	54.49	45.73	52.98	74.00	-21.02	Peak

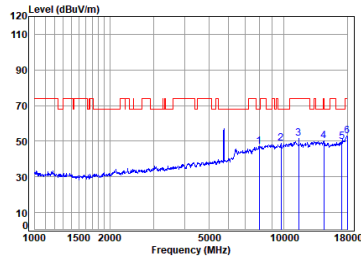
11ax_20M_TX_CH_149_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8440.945	11.91	38.44	55.50	41.48	36.33	54.00	-17.67	Average
2	9448.149	12.43	38.80	54.60	39.74	36.37	54.00	-17.72	Average
3	11500.200	15.05	39.60	53.65	39.52	40.52	54.00	-13.48	Average
4	13365.320	16.13	40.30	54.46	36.53	38.50	54.00	-15.50	Average
5	15713.560	17.24	38.59	54.09	35.80	37.54	54.00	-16.46	Average
6	pp18000.000	18.35	43.80	54.50	34.85	42.50	54.00	-11.50	Average

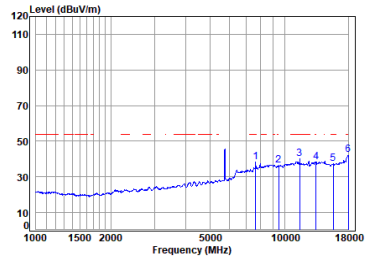
11ax_20M_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7989.893	11.56	37.78	55.91	53.67	47.10	68.20	-21.10	Peak
2	9753.371	12.91	38.60	54.32	51.63	48.82	68.20	-19.38	Peak
3	11500.200	15.05	39.60	53.65	50.73	51.73	74.00	-22.27	Peak
4	14491.960	17.07	39.51	54.35	48.14	50.37	74.00	-23.63	Peak
5	pp17136.920	18.23	39.84	54.33	45.91	49.65	68.20	-18.55	Peak
6	18000.000	18.35	43.80	54.50	45.35	53.00	74.00	-21.00	Peak

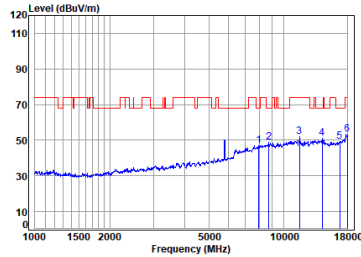
11ax_20M_TX_CH_149_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	46.22	38.21	54.00	-15.79	Average
2	9448.149	12.43	38.80	54.60	39.65	36.28	54.00	-17.72	Average
3	11500.200	15.05	39.60	53.65	39.22	40.22	54.00	-13.78	Average
4	13365.320	16.13	40.30	54.46	36.58	38.55	54.00	-15.45	Average
5	15668.210	17.24	38.57	54.10	35.63	37.34	54.00	-16.66	Average
6	pp18000.000	18.35	43.80	54.50	34.80	42.45	54.00	-11.55	Average

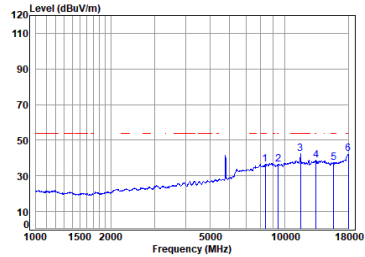
11ax_20M_TX_CH_157_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	53.56	46.86	68.20	-21.34	Peak
2	8713.630	12.11	38.57	55.26	53.46	48.88	68.20	-19.32	Peak
3	11566.870	14.79	39.60	53.67	51.44	52.16	74.00	-21.84	Peak
4	pp14284.030	16.32	39.60	54.37	49.43	51.18	68.20	-17.02	Peak
5	16842.290	17.77	39.60	54.25	46.03	49.15	68.20	-19.05	Peak
6	18000.000	18.35	43.80	54.50	45.83	53.48	74.00	-20.52	Peak

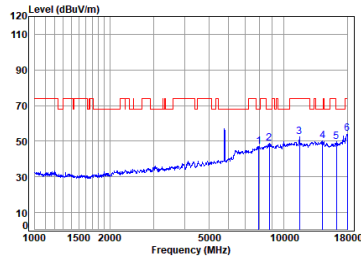
11ax_20M_TX_CH_157_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.97	36.68	54.00	-17.32	Average
2	9420.880	12.35	38.80	54.62	40.04	36.57	54.00	-17.43	Average
3	pp11566.870	14.79	39.60	53.67	41.83	42.55	54.00	-11.45	Average
4	13365.320	16.13	40.30	54.46	36.69	38.66	54.00	-15.34	Average
5	15713.560	17.24	38.59	54.09	35.82	37.56	54.00	-16.44	Average
6	18000.000	18.35	43.80	54.50	34.84	42.49	54.00	-11.51	Average

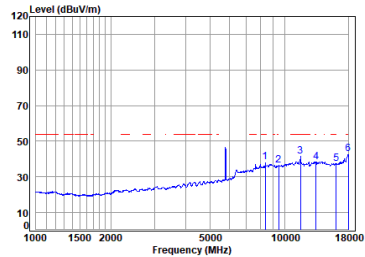
11ax_20M_TX_CH_157_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	55.94	53.75	47.05	68.20	-21.15	Peak
2	8764.146	12.19	38.50	55.21	53.42	48.90	68.20	-19.30	Peak
3	11566.870	14.79	39.60	53.67	51.53	52.25	74.00	-21.75	Peak
4	pp14325.370	16.51	39.75	54.37	48.25	50.14	68.20	-18.06	Peak
5	16268.140	17.21	38.57	54.08	48.19	49.89	68.20	-18.31	Peak
6	18000.000	18.35	43.80	54.50	46.68	54.33	74.00	-19.67	Peak

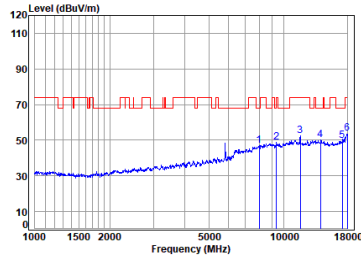
11ax_20M_TX_CH_157_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	43.68	38.39	54.00	-15.61	Average
2	9475.497	12.50	38.85	54.57	39.53	36.31	54.00	-17.69	Average
3	11566.870	14.79	39.60	53.67	41.02	41.74	54.00	-12.26	Average
4	13365.320	16.13	40.30	54.46	36.54	38.51	54.00	-15.49	Average
5	16081.140	17.09	38.52	54.02	35.92	37.51	54.00	-16.49	Average
6	pp18000.000	18.35	43.80	54.50	35.03	42.68	54.00	-11.32	Average

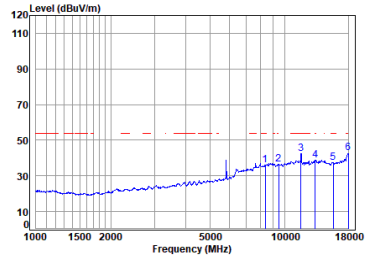
11ax_20M_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	55.93	53.67	47.02	68.20	-21.18	Peak
2	9339.543	12.22	38.80	54.69	52.34	48.67	74.00	-25.33	Peak
3	11667.600	14.71	39.53	53.70	51.97	52.51	74.00	-21.49	Peak
4	pp14079.080	16.56	39.90	54.39	48.17	50.24	68.20	-17.96	Peak
5	17186.530	17.91	39.89	54.34	46.48	49.94	68.20	-18.26	Peak
6	18000.000	18.35	43.80	54.50	46.15	53.80	74.00	-20.20	Peak

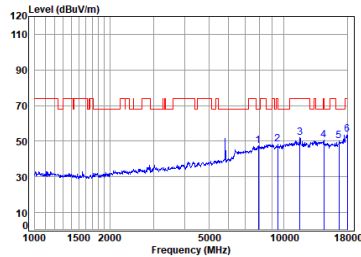
11ax_20M_TX_CH_165_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8343.918	11.70	38.60	55.59	41.54	36.25	54.00	-17.75	Average
2	9448.149	12.43	38.80	54.60	39.95	36.58	54.00	-17.42	Average
3	11633.930	14.68	39.57	53.69	41.93	42.49	54.00	-11.51	Average
4	13288.280	16.44	40.29	54.47	36.36	38.62	54.00	-15.38	Average
5	15668.210	17.24	38.57	54.10	35.90	37.61	54.00	-16.39	Average
6	pp18000.000	18.35	43.80	54.50	35.01	42.66	54.00	-11.34	Average

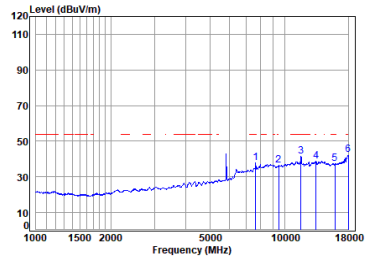
11ax_20M_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	54.40	47.62	68.20	-20.58	Peak
2	9475.497	12.50	38.85	54.57	51.44	48.22	74.00	-25.78	Peak
3	11633.930	14.68	39.57	53.69	51.53	52.09	74.00	-21.91	Peak
4	14491.960	17.07	39.51	54.35	48.33	50.56	74.00	-23.44	Peak
5	pp16696.880	17.59	39.39	54.21	47.34	50.11	68.20	-18.09	Peak
6	18000.000	18.35	43.80	54.50	46.15	53.80	74.00	-20.20	Peak

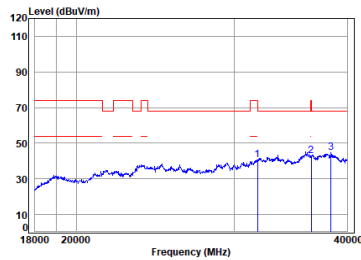
11ax_20M_TX_CH_165_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	46.00	37.99	54.00	-16.01	Average
2	9448.149	12.43	38.80	54.60	39.81	36.44	54.00	-17.56	Average
3	11633.930	14.68	39.57	53.69	40.77	41.33	54.00	-12.67	Average
4	13365.320	16.13	40.30	54.46	36.59	38.56	54.00	-15.44	Average
5	15942.300	17.22	38.66	54.02	35.64	37.50	54.00	-16.50	Average
6	pp18000.000	18.35	43.80	54.50	34.66	42.31	54.00	-11.69	Average

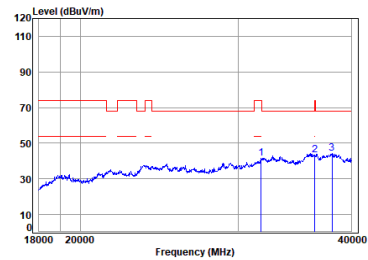
11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31807.680	7.87	40.82	51.43	52.96	40.68	68.20	-27.52	Peak	-9.54
2	36490.470	7.91	42.10	49.59	52.21	43.09	74.00	-30.91	Peak	-9.54
3	pp38373.110	7.63	42.55	50.42	54.42	44.64	68.20	-23.56	Peak	-9.54

11a_TX_CH_100_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	53.64	41.31	74.00	-32.69	Peak	-9.54
2	36432.240	7.97	42.10	49.55	52.49	43.47	74.00	-30.53	Peak	-9.54
3	pp38098.330	7.81	42.12	50.26	53.92	44.05	68.20	-24.15	Peak	-9.54



7.4 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.10.5
 Measurement Distance: 3m
 Test Engineer: Mihawk Li

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C

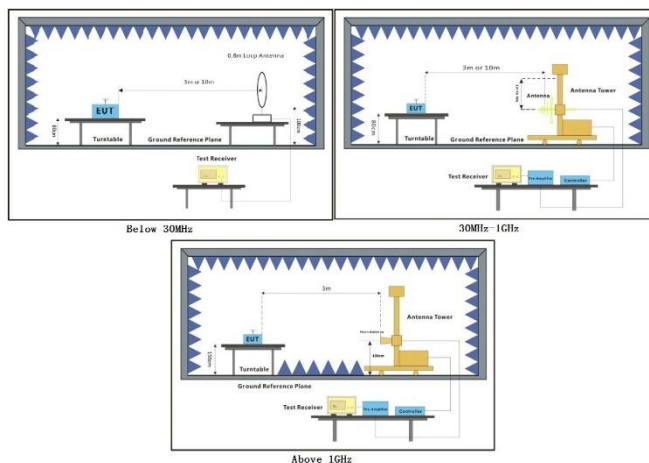
Humidity: 51.8 % RH

Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.4.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

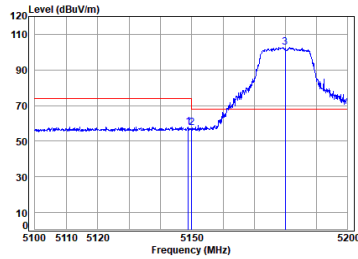
SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 73 of 603

Remark: Only retain the data of the worst-case 11a and 11ac, 11ax(RU) modes.

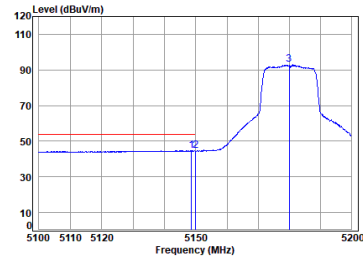
11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.857	10.14	32.40	30.84	46.31	58.01	74.00	-15.99	Peak	
2	5149.980	10.14	32.40	30.84	45.76	57.46	74.00	-16.54	Peak	
3 pp	5180.000	10.25	32.46	30.83	90.90	102.78	68.20	34.58	Peak	

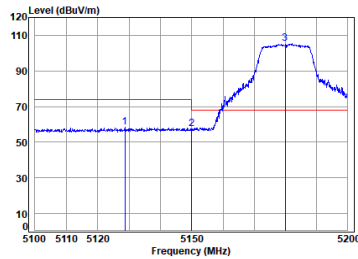
11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	5148.657	10.14	32.40	30.84	33.04	44.74	54.00	-9.26	Average	
2	5149.980	10.14	32.40	30.84	32.87	44.57	54.00	-9.43	Average	
3	5180.000	10.25	32.46	30.83	81.06	92.94	68.20	24.74	Average	

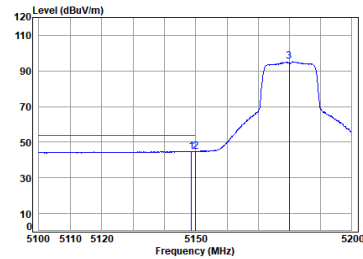
11a_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5128.601	10.06	32.36	30.85	46.67	58.24	74.00	-15.76	Peak	
2	5149.980	10.14	32.40	30.84	45.65	57.35	74.00	-16.65	Peak	
3 pp	5180.000	10.25	32.46	30.83	93.36	105.24	68.20	37.04	Peak	

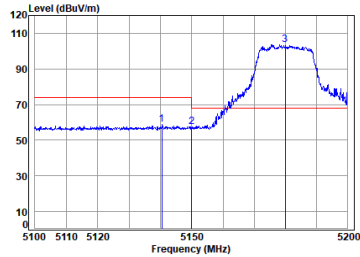
11a_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.558	10.14	32.40	30.84	33.22	44.92	54.00	-9.08	Average	
2 pp	5149.980	10.14	32.40	30.84	33.23	44.93	54.00	-9.07	Average	
3	5180.000	10.25	32.46	30.83	83.31	95.19	68.20	26.99	Average	

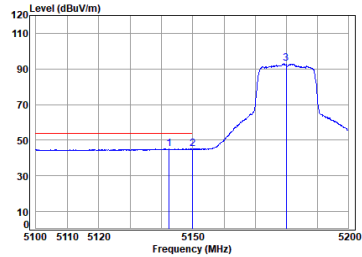
11ac_HT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.466	10.10	32.38	30.84	47.22	58.86	74.00	-15.14	Peak
2	5149.980	10.14	32.40	30.84	45.75	57.45	74.00	-16.55	Peak
3 pp	5180.000	10.25	32.46	30.83	91.68	103.56	68.20	35.36	Peak

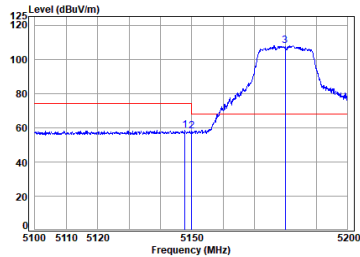
11ac_HT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5142.462	10.11	32.38	30.84	33.48	45.13	54.00	-8.87	Average
2	5149.980	10.14	32.40	30.84	33.29	44.99	54.00	-9.01	Average
3	5180.000	10.25	32.46	30.83	80.99	92.87	-----	-----	Average

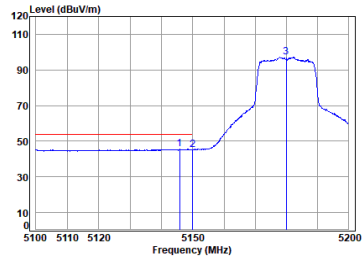
11ac_HT(20M)_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.857	10.13	32.40	30.84	46.84	58.53	74.00	-15.47	Peak
2	5149.980	10.14	32.40	30.84	46.08	57.78	74.00	-16.22	Peak
3 pp	5180.000	10.25	32.46	30.83	96.24	108.12	68.20	39.92	Peak

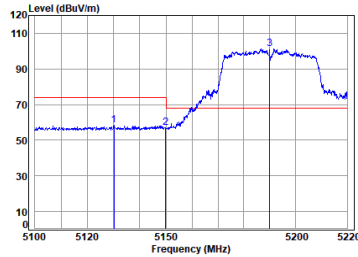
11ac_HT(20M)_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5145.759	10.12	32.39	30.84	33.78	45.45	54.00	-8.55	Average
2	5149.980	10.14	32.40	30.84	33.70	45.40	54.00	-8.60	Average
3	5180.000	10.25	32.46	30.83	85.48	97.36	-----	-----	Average

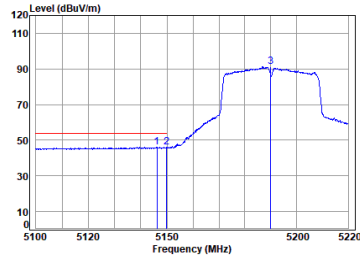
11ac_HT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5130.097	10.07	32.36	30.85	46.72	58.30	74.00	-15.70	Peak	
2	5149.980	10.14	32.40	30.84	45.26	56.96	74.00	-17.04	Peak	
3 pp	5190.000	10.29	32.48	30.82	89.51	101.46	68.20	33.26	Peak	

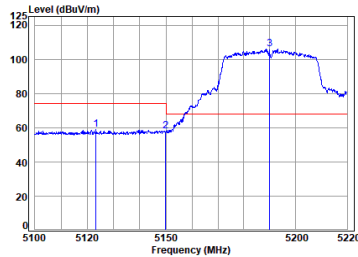
11ac_HT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5146.229	10.13	32.39	30.84	34.39	46.07	54.00	-7.93	Average	
2	5149.980	10.14	32.40	30.84	34.35	46.05	54.00	-7.95	Average	
3	5190.000	10.29	32.48	30.82	79.30	91.25	-----	-----	Average	

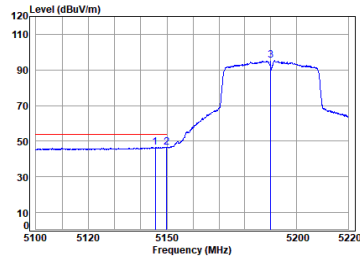
11ac_HT(40M)_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5123.301	10.04	32.35	30.85	47.35	58.89	74.00	-15.11	Peak	
2	5149.980	10.14	32.40	30.84	46.29	57.99	74.00	-16.01	Peak	
3 pp	5190.000	10.29	32.48	30.82	94.02	105.97	68.20	37.77	Peak	

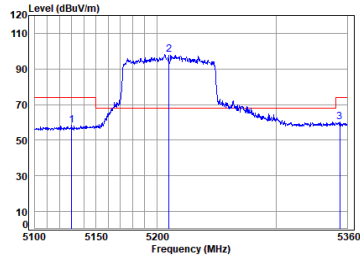
11ac_HT(40M)_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.630	10.12	32.39	30.84	34.99	46.66	54.00	-7.34	Average	
2 pp	5149.980	10.14	32.40	30.84	35.03	46.73	54.00	-7.27	Average	
3	5190.000	10.29	32.48	30.82	83.59	95.54	-----	-----	Average	

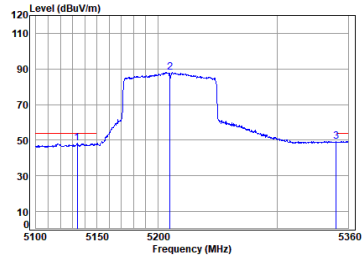
11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5130.012	10.06	32.36	30.85	46.67	58.24	74.00	-15.76	Peak
2	5210.000	10.32	32.52	30.82	86.30	98.32	68.20	30.12	Peak
3	5353.607	10.46	32.80	30.76	47.78	60.28	74.00	-13.72	Peak

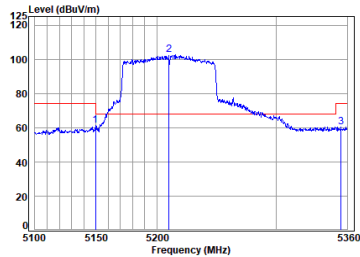
11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.584	10.08	32.37	30.85	36.59	48.19	54.00	-5.81	Average
2	5210.000	10.32	32.52	30.82	76.08	88.10	68.20	19.90	Average
3	5349.882	10.45	32.80	30.76	36.96	49.45	54.00	-4.55	Average

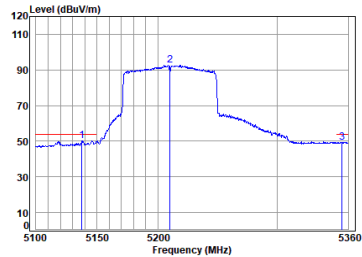
11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.435	10.14	32.40	30.84	49.72	61.42	74.00	-12.58	Peak
2	5210.000	10.32	32.52	30.82	90.62	102.64	68.20	34.44	Peak
3	5354.672	10.47	32.80	30.76	47.78	60.29	74.00	-13.71	Peak

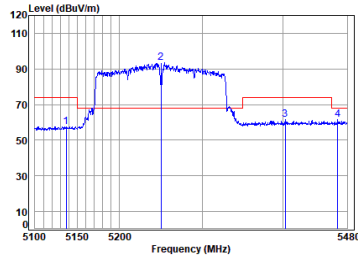
11ac_VHT(80M)_TX_CH_42_Vorizontal-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5137.414	10.09	32.37	30.85	38.42	50.03	54.00	-3.97	Average
2	5210.000	10.32	32.52	30.82	80.73	92.75	68.20	24.55	Average
3	5354.938	10.47	32.80	30.76	36.99	49.50	54.00	-4.50	Average

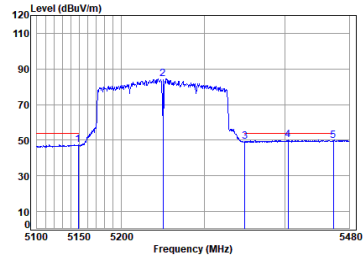
11ac_VHT(160M)_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.783	10.09	32.37	30.85	46.10	57.71	74.00	-16.29	Peak	
2	5250.000	10.30	32.60	30.80	81.37	93.47	68.20	25.27	Peak	
3	5402.188	10.62	32.80	30.74	48.90	61.58	74.00	-12.42	Peak	
4	5467.805	10.59	32.90	30.71	49.03	61.81	68.20	-6.39	Peak	

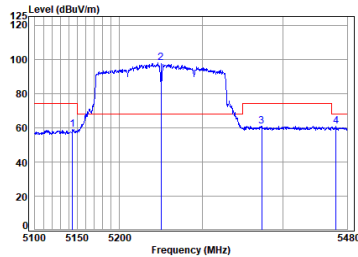
11ac_VHT(160M)_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.979	10.14	32.40	30.84	35.85	47.55	54.00	-6.45	Average	
2	5250.000	10.30	32.60	30.80	72.43	84.53	54.00	30.53	Average	
3	5350.118	10.45	32.80	30.76	36.60	49.09	54.00	-4.91	Average	
4	5403.741	10.62	32.81	30.74	37.29	49.98	54.00	-4.02	Average	
5	5459.929	10.60	32.90	30.72	36.95	49.73	54.00	-4.27	Average	

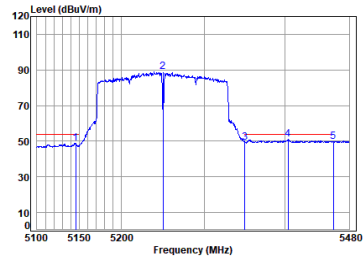
11ac_VHT(160M)_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.541	10.12	32.39	30.84	47.27	58.94	74.00	-15.06	Peak	
2	5250.000	10.30	32.60	30.80	85.59	97.69	68.20	29.49	Peak	
3	5373.149	10.53	32.80	30.75	48.49	61.07	74.00	-12.93	Peak	
4	5465.841	10.59	32.90	30.71	47.85	60.63	68.20	-7.57	Peak	

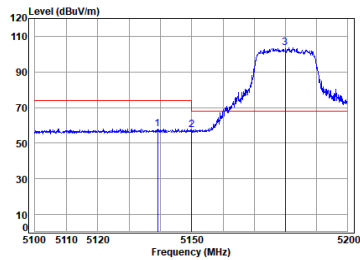
11ac_VHT(160M)_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.650	10.12	32.39	30.84	37.18	48.85	54.00	-5.15	Average	
2	5250.000	10.30	32.60	30.80	76.72	88.82	54.00	34.82	Average	
3	5350.118	10.45	32.80	30.76	37.01	49.50	54.00	-4.50	Average	
4	5403.741	10.62	32.81	30.74	38.20	50.98	54.00	-3.02	Average	
5	5459.929	10.60	32.90	30.72	36.91	49.69	54.00	-4.31	Average	

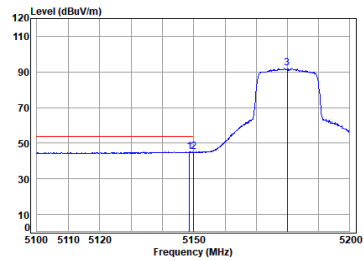
11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.068	10.10	32.38	30.84	46.43	58.07	74.00	-15.93	Peak
2	5149.980	10.14	32.40	30.84	45.79	57.49	74.00	-16.51	Peak
3 pp	5180.000	10.25	32.46	30.83	91.62	103.50	68.20	35.30	Peak

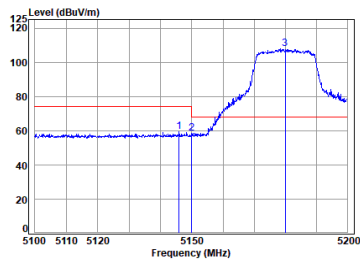
11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5148.657	10.14	32.40	30.84	33.50	45.20	54.00	-8.80	Average
2	5149.980	10.14	32.40	30.84	33.33	45.03	54.00	-8.97	Average
3	5180.000	10.25	32.46	30.83	80.08	91.96	-----	-----	Average

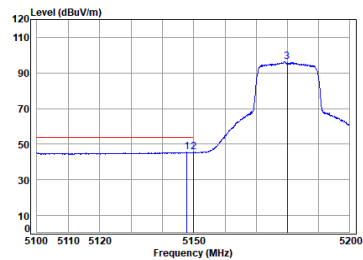
11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.958	10.13	32.39	30.84	47.52	59.20	74.00	-14.80	Peak
2	5149.980	10.14	32.40	30.84	46.79	58.49	74.00	-15.51	Peak
3 pp	5180.000	10.25	32.46	30.83	95.88	107.76	68.20	39.56	Peak

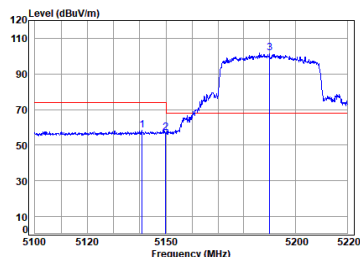
11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5147.857	10.13	32.40	30.84	33.83	45.52	54.00	-8.48	Average
2	5149.980	10.14	32.40	30.84	33.74	45.44	54.00	-8.56	Average
3	5180.000	10.25	32.46	30.83	84.28	96.16	-----	-----	Average

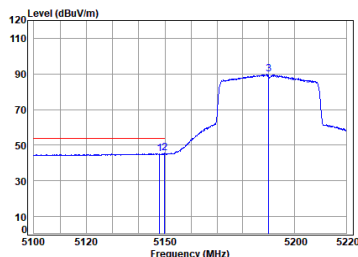
11ax_40M_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.846	10.11	32.38	30.84	46.78	58.43	74.00	-15.57	Peak
2	5149.980	10.14	32.40	30.84	45.38	57.08	74.00	-16.92	Peak
3 pp	5190.000	10.29	32.48	30.82	89.98	101.93	68.20	33.73	Peak

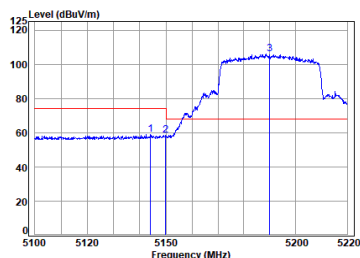
11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.024	10.13	32.40	30.84	33.60	45.29	54.00	-8.71	Average
2 pp	5149.980	10.14	32.40	30.84	33.77	45.47	54.00	-8.53	Average
3	5190.000	10.29	32.48	30.82	77.81	89.76	-----	-----	Average

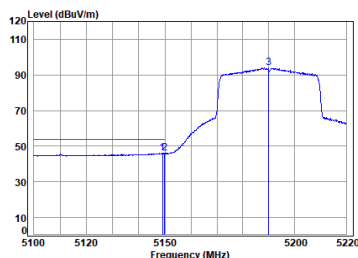
11ax_40M_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.195	10.12	32.39	30.84	47.30	58.97	74.00	-15.03	Peak
2	5149.980	10.14	32.40	30.84	46.63	58.33	74.00	-15.67	Peak
3 pp	5190.000	10.29	32.48	30.82	93.83	105.78	68.20	37.58	Peak

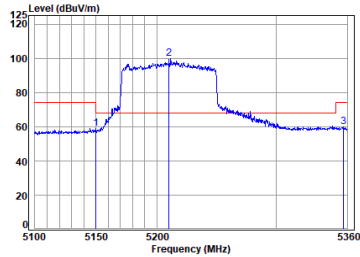
11ax_40M_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.102	10.14	32.40	30.84	34.29	45.99	54.00	-8.01	Average
2 pp	5149.980	10.14	32.40	30.84	34.34	46.04	54.00	-7.96	Average
3	5190.000	10.29	32.48	30.82	82.05	94.00	-----	-----	Average

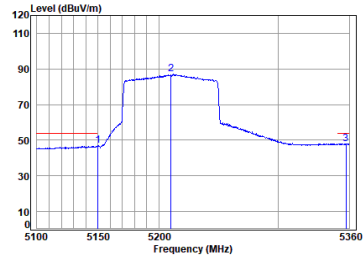
11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.690	10.14	32.40	30.84	47.24	58.94	74.00	-15.06	Peak
2 pp	5210.000	10.32	32.52	30.82	87.75	99.77	68.20	31.57	Peak
3	5357.069	10.47	32.80	30.76	47.17	59.68	74.00	-14.32	Peak

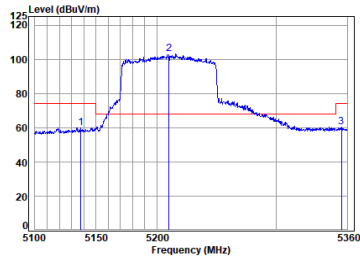
11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.947	10.14	32.40	30.84	35.19	46.89	54.00	-7.11	Average
2	5210.000	10.32	32.52	30.82	74.95	86.97	54.00	32.97	Average
3 pp	5357.335	10.48	32.80	30.76	35.47	47.99	54.00	-6.01	Average

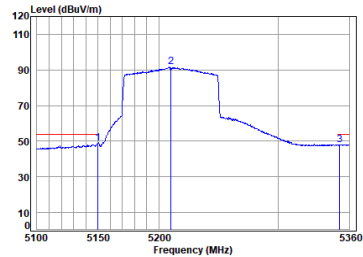
11ax_80M_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5137.414	10.09	32.37	30.85	48.47	60.08	74.00	-13.92	Peak
2 pp	5210.000	10.32	32.52	30.82	90.97	102.99	68.20	34.79	Peak
3	5355.205	10.47	32.80	30.76	47.64	60.15	74.00	-13.85	Peak

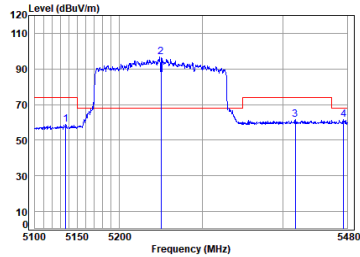
11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5149.690	10.14	32.40	30.84	37.20	48.90	54.00	-5.10	Average
2	5210.000	10.32	32.52	30.82	79.57	91.59	54.00	37.59	Average
3	5351.744	10.46	32.80	30.76	35.51	48.01	54.00	-5.99	Average

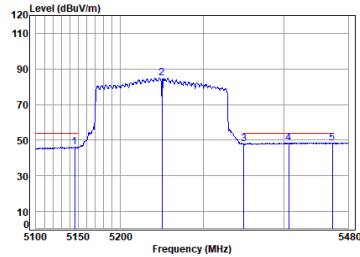
11ax_160M_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.414	10.09	32.37	30.85	47.12	58.73	74.00	-15.27	Peak
2 pp	5250.000	10.30	32.60	30.80	84.60	96.70	68.20	28.50	Peak
3	5415.015	10.61	32.83	30.73	48.70	61.41	74.00	-12.59	Peak
4	5475.670	10.59	32.90	30.71	48.81	61.59	68.20	-6.61	Peak

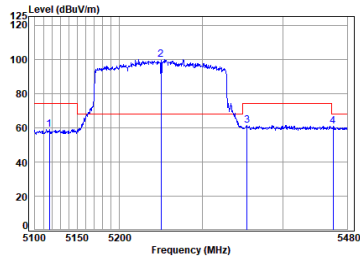
11ax_160M_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.020	10.13	32.39	30.84	34.36	46.04	54.00	-7.96	Average
2	5250.000	10.30	32.60	30.80	72.83	84.93	-----	-----	Average
3	5350.118	10.45	32.80	30.76	35.39	47.88	54.00	-6.12	Average
4 pp	5405.683	10.62	32.81	30.74	35.83	48.52	54.00	-5.48	Average
5	5459.929	10.60	32.90	30.72	35.73	48.51	54.00	-5.49	Average

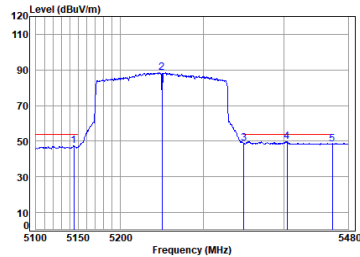
11ax_160M_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.887	10.01	32.33	30.85	47.64	59.13	74.00	-14.87	Peak
2 pp	5250.000	10.30	32.60	30.80	87.61	99.71	68.20	31.51	Peak
3	5355.417	10.47	32.80	30.76	48.90	61.41	74.00	-12.59	Peak
4	5462.307	10.59	32.90	30.72	47.95	60.72	68.20	-7.48	Peak

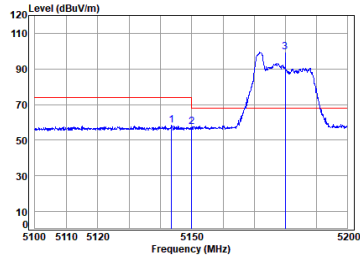
11ax_160M_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.911	10.12	32.39	30.84	35.62	47.29	54.00	-6.71	Average
2	5250.000	10.30	32.60	30.80	76.27	88.37	-----	-----	Average
3	5350.118	10.45	32.80	30.76	36.18	48.67	54.00	-5.33	Average
4 pp	5403.741	10.62	32.81	30.74	37.21	49.90	54.00	-4.10	Average
5	5459.929	10.60	32.90	30.72	35.75	48.53	54.00	-5.47	Average

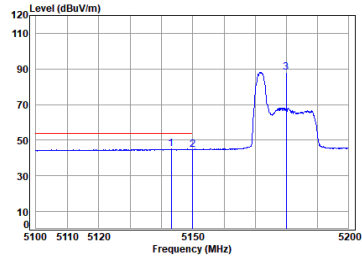
11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.561	10.12	32.39	30.84	46.58	58.25	74.00	-15.75	Peak
2	5149.980	10.14	32.40	30.84	45.59	57.29	74.00	-16.71	Peak
3 pp	5180.000	10.25	32.46	30.83	87.53	99.41	68.20	31.21	Peak

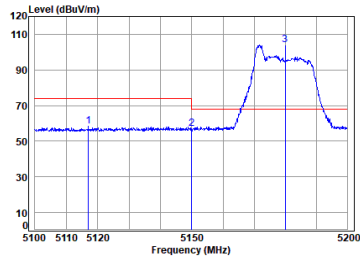
11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5143.062	10.11	32.39	30.84	33.32	44.98	54.00	-9.02	Average
2	5149.980	10.14	32.40	30.84	33.19	44.89	54.00	-9.11	Average
3	5180.000	10.25	32.46	30.83	76.31	88.19	-----	-----	Average

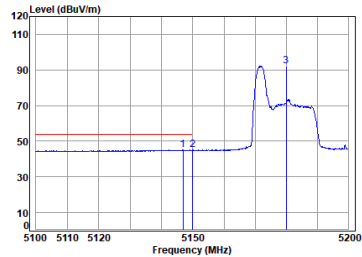
11ax_20M_Partial_RU26_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.963	10.01	32.33	30.85	46.71	58.20	74.00	-15.80	Peak
2	5149.980	10.14	32.40	30.84	45.40	57.10	74.00	-16.90	Peak
3 pp	5180.000	10.25	32.46	30.83	92.20	104.08	68.20	35.88	Peak

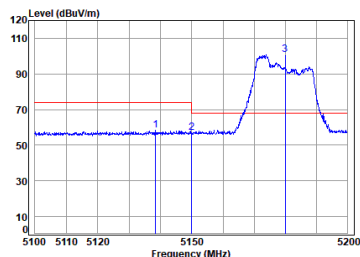
11ax_20M_Partial_RU26_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.858	10.13	32.39	30.84	33.45	45.13	54.00	-8.87	Average
2 pp	5149.980	10.14	32.40	30.84	33.51	45.21	54.00	-8.79	Average
3	5180.000	10.25	32.46	30.83	80.32	92.20	-----	-----	Average

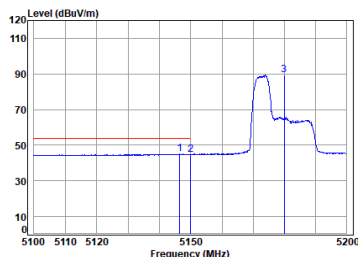
11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.470	10.10	32.38	30.84	46.75	58.39	74.00	-15.61	Peak
2	5149.980	10.14	32.40	30.84	45.34	57.04	74.00	-16.96	Peak
3 pp	5180.000	10.25	32.46	30.83	88.90	100.78	68.20	32.58	Peak

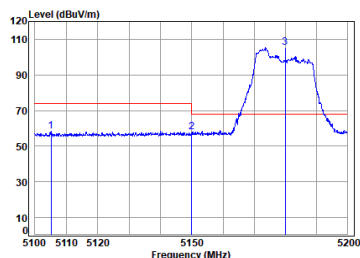
11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5146.458	10.13	32.39	30.84	33.28	44.96	54.00	-9.04	Average
2	5149.980	10.14	32.40	30.84	33.12	44.82	54.00	-9.18	Average
3	5180.000	10.25	32.46	30.83	77.38	89.26	-----	-----	Average

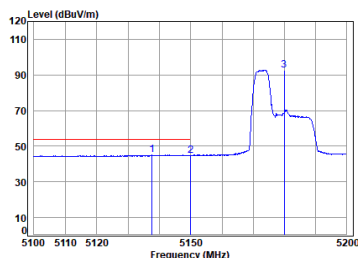
11ax_20M_Partial_RU52_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5105.152	9.97	32.31	30.86	46.97	58.39	74.00	-15.61	Peak
2	5149.980	10.14	32.40	30.84	46.35	58.05	74.00	-15.95	Peak
3 pp	5180.000	10.25	32.46	30.83	93.34	105.22	68.20	37.02	Peak

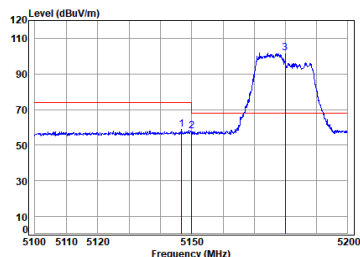
11ax_20M_Partial_RU52_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5137.672	10.09	32.38	30.84	33.39	45.02	54.00	-8.98	Average
2	5149.980	10.14	32.40	30.84	33.15	44.85	54.00	-9.15	Average
3	5180.000	10.25	32.46	30.83	80.89	92.77	-----	-----	Average

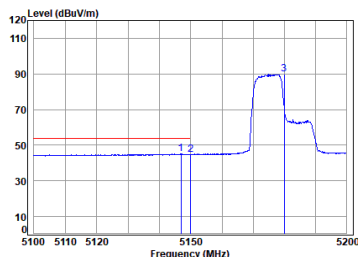
11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.758	10.13	32.39	30.84	46.99	58.67	74.00	-15.33	Peak
2	5149.980	10.14	32.40	30.84	46.11	57.81	74.00	-16.19	Peak
3 pp	5180.000	10.25	32.46	30.83	90.05	101.93	68.20	33.73	Peak

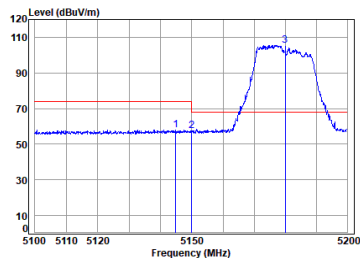
11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5146.858	10.13	32.39	30.84	33.53	45.21	54.00	-8.79	Average
2	5149.980	10.14	32.40	30.84	33.12	44.82	54.00	-9.18	Average
3	5180.000	10.25	32.46	30.83	77.97	89.85	-----	-----	Average

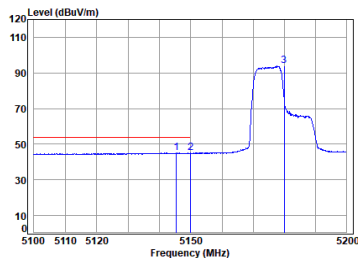
11ax_20M_Partial_RU106_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.860	10.12	32.39	30.84	46.41	58.08	74.00	-15.92	Peak
2	5149.980	10.14	32.40	30.84	45.88	57.58	74.00	-16.42	Peak
3 pp	5180.000	10.25	32.46	30.83	93.67	105.55	68.20	37.35	Peak

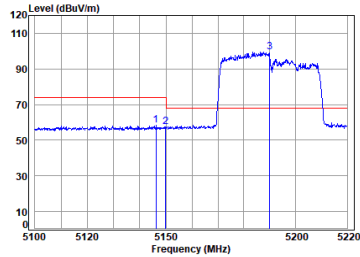
11ax_20M_Partial_RU106_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5145.459	10.12	32.39	30.84	33.52	45.19	54.00	-8.81	Average
2	5149.980	10.14	32.40	30.84	33.30	45.00	54.00	-9.00	Average
3	5180.000	10.25	32.46	30.83	81.99	93.87	-----	-----	Average

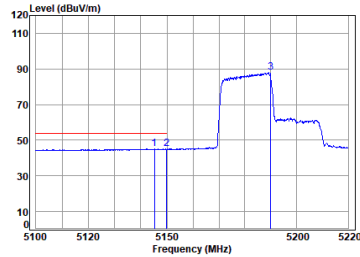
11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.229	10.13	32.39	30.84	46.65	58.33	74.00	-15.67	Peak
2	5149.980	10.14	32.40	30.84	45.75	57.45	74.00	-16.55	Peak
3 pp	5190.000	10.29	32.48	30.82	87.58	99.53	68.20	31.33	Peak

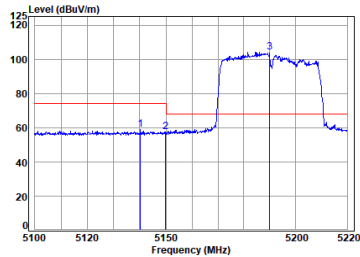
11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5145.271	10.12	32.39	30.84	33.41	45.08	54.00	-8.92	Average
2	5149.980	10.14	32.40	30.84	33.27	44.97	54.00	-9.03	Average
3	5190.000	10.29	32.48	30.82	76.02	87.97	-----	-----	Average

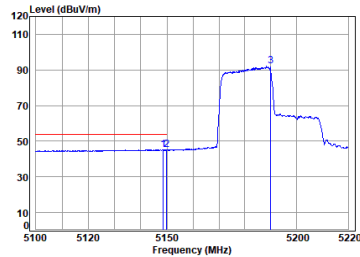
11ax_40M_Partial_RU242_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.248	10.10	32.38	30.84	47.23	58.87	74.00	-15.13	Peak
2	5149.980	10.14	32.40	30.84	45.74	57.44	74.00	-16.56	Peak
3 pp	5190.000	10.29	32.48	30.82	92.30	104.25	68.20	36.05	Peak

11ax_40M_Partial_RU242_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5148.623	10.14	32.40	30.84	33.57	45.27	54.00	-8.73	Average
2	5149.980	10.14	32.40	30.84	33.42	45.12	54.00	-8.88	Average
3	5190.000	10.29	32.48	30.82	80.12	92.07	-----	-----	Average



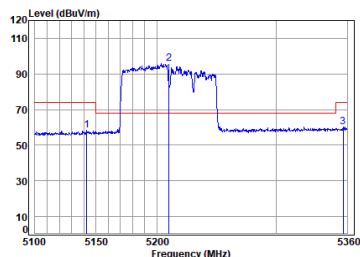
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

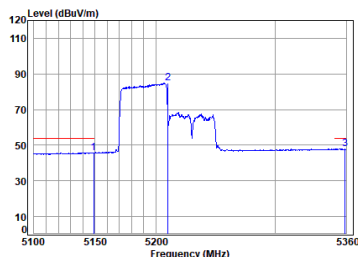
11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.270	10.11	32.38	30.84	46.60	58.25	74.00	-15.75	Peak
2 pp	5210.000	10.32	32.52	30.82	83.86	95.88	68.20	27.68	Peak
3	5356.537	10.47	32.80	30.76	47.71	60.22	74.00	-13.78	Peak

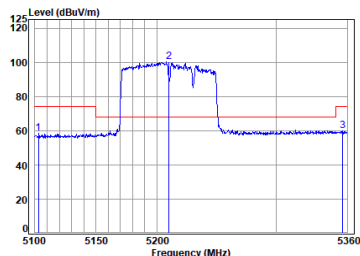
11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.667	10.14	32.40	30.84	34.14	45.84	54.00	-8.16	Average
2	5210.000	10.32	32.52	30.82	73.01	85.03	68.20	16.83	Average
3 pp	5358.934	10.48	32.80	30.76	35.37	47.89	54.00	-6.11	Average

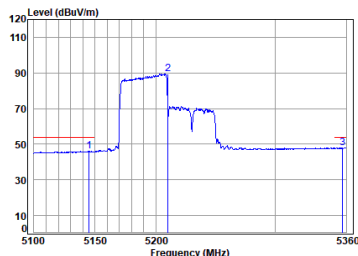
11ax_80M_Partial_RU484_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5103.044	9.96	32.31	30.86	47.01	58.42	74.00	-15.58	Peak
2 pp	5210.000	10.32	32.52	30.82	88.28	100.30	68.20	32.10	Peak
3	5356.270	10.47	32.80	30.76	47.52	60.03	74.00	-13.97	Peak

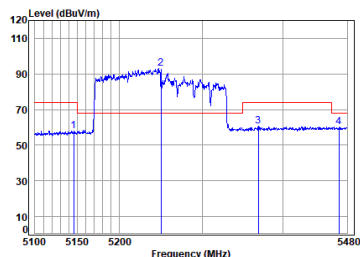
11ax_80M_Partial_RU484_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5210 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.083	10.12	32.39	30.84	34.28	45.95	54.00	-8.05	Average
2	5210.000	10.32	32.52	30.82	77.32	89.34	68.20	21.14	Average
3 pp	5356.803	10.47	32.80	30.76	35.55	48.06	54.00	-5.94	Average

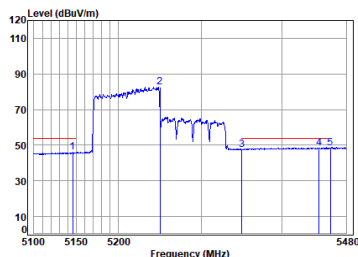
11ax_160M_Partial_RU996_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.020	10.13	32.39	30.84	46.22	57.90	74.00	-16.10	Peak
2	5250.000	10.30	32.60	30.80	80.76	92.86	68.20	24.66	Peak
3	5369.290	10.52	32.80	30.75	48.12	60.69	74.00	-13.31	Peak
4	5469.771	10.59	32.90	30.71	47.48	60.26	68.20	-7.94	Peak

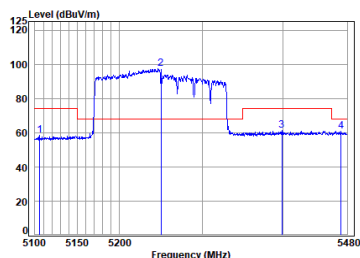
11ax_160M_Partial_RU996_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.650	10.12	32.39	30.84	34.23	45.90	54.00	-8.10	Average
2	5250.000	10.30	32.60	30.80	70.53	82.63	68.20	14.43	Average
3	5350.118	10.45	32.80	30.76	35.14	47.63	54.00	-6.37	Average
4	5445.845	10.60	32.89	30.72	35.78	48.55	54.00	-5.45	Average
5	5459.929	10.60	32.90	30.72	35.53	48.31	54.00	-5.69	Average

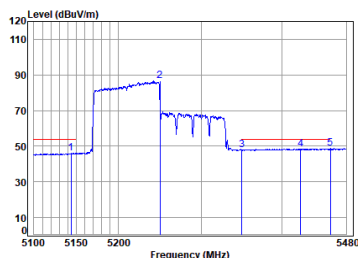
11ax_160M_Partial_RU996_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5105.500	9.97	32.31	30.86	46.89	58.31	74.00	-15.69	Peak
2	5250.000	10.30	32.60	30.80	85.14	97.24	68.20	29.04	Peak
3	5398.307	10.61	32.80	30.74	48.43	61.10	74.00	-12.90	Peak
4	5472.522	10.59	32.90	30.71	48.15	60.93	68.20	-7.27	Peak

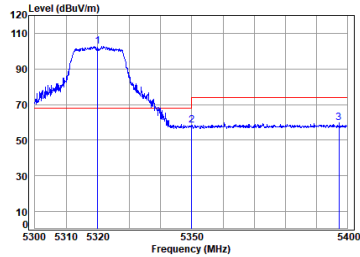
11ax_160M_Partial_RU996_TX_CH_50_Verizional-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5250 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.802	10.12	32.39	30.84	34.29	45.96	54.00	-8.04	Average
2	5250.000	10.30	32.60	30.80	74.60	86.70	68.20	18.50	Average
3	5350.118	10.45	32.80	30.76	35.33	47.82	54.00	-6.18	Average
4	5422.803	10.61	32.85	30.73	35.79	48.52	54.00	-5.48	Average
5	5459.929	10.60	32.90	30.72	35.91	48.69	54.00	-5.31	Average

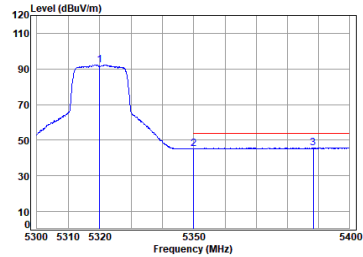
11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	90.37	102.69	68.20	34.49	Peak
2	5350.020	10.45	32.80	30.76	46.02	58.51	74.00	-15.49	Peak
3	5397.376	10.61	32.80	30.74	47.16	59.83	74.00	-14.17	Peak

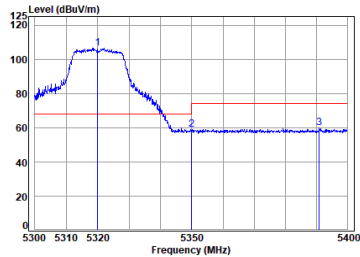
11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	80.07	92.39	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.73	45.22	54.00	-8.78	Average
3 pp	5388.405	10.58	32.80	30.74	33.13	45.77	54.00	-8.23	Average

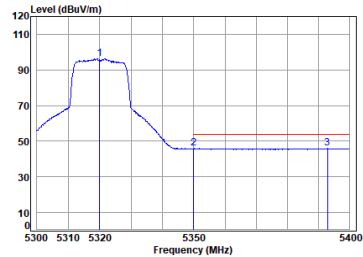
11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	94.04	106.36	68.20	38.16	Peak
2	5350.020	10.45	32.80	30.76	46.23	58.72	74.00	-15.28	Peak
3	5391.024	10.59	32.80	30.74	47.39	60.04	74.00	-13.96	Peak

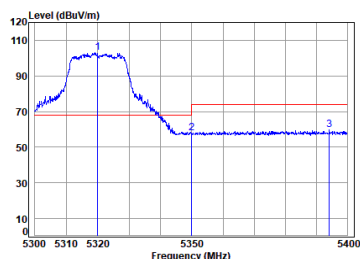
11a_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	83.99	96.31	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.40	45.89	54.00	-8.11	Average
3 pp	5392.939	10.60	32.80	30.74	33.28	45.94	54.00	-8.06	Average

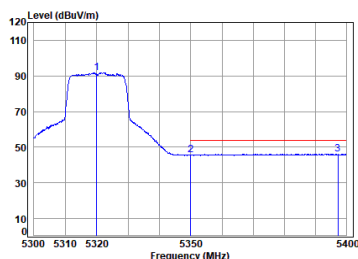
11ac_HT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	91.00	103.32	68.20	35.12	Peak
2	5350.020	10.45	32.80	30.76	45.46	57.95	74.00	-16.05	Peak
3	5394.250	10.60	32.80	30.74	47.00	59.66	74.00	-14.34	Peak

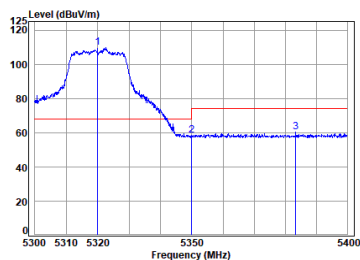
11ac_HT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	79.51	91.83	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.28	45.77	54.00	-8.23	Average
3 pp	5397.376	10.61	32.80	30.74	33.53	46.20	54.00	-7.80	Average

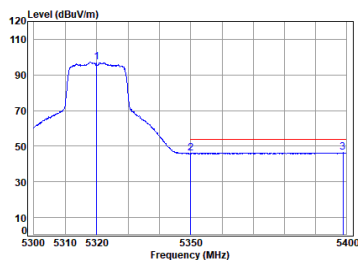
11ac_HT(20M)_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	97.37	109.69	68.20	41.49	Peak
2	5350.020	10.45	32.80	30.76	45.80	58.29	74.00	-15.71	Peak
3	5383.371	10.56	32.80	30.75	47.90	60.51	74.00	-13.49	Peak

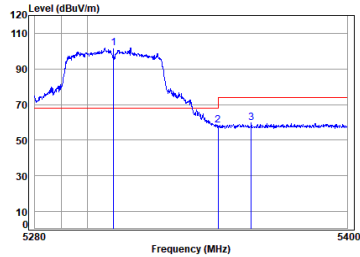
11ac_HT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	85.03	97.35	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.59	46.08	54.00	-7.92	Average
3 pp	5398.991	10.62	32.80	30.74	33.64	46.32	54.00	-7.68	Average

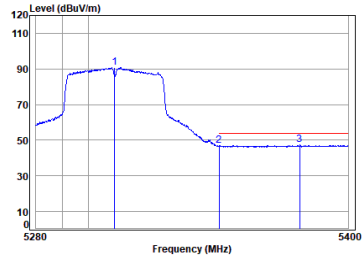
11ac_HT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5310.000	10.31	32.72	30.78		89.51	101.76	68.20	33.56	Peak
2	5350.020	10.45	32.80	30.76		46.06	58.55	74.00	-15.45	Peak
3	5362.873	10.49	32.80	30.75		47.08	59.62	74.00	-14.38	Peak

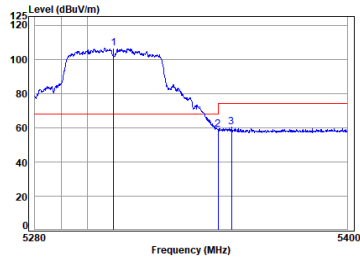
11ac_HT(40M)_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78		78.34	90.59	-----	-----	Average
2	5350.020	10.45	32.80	30.76		34.35	46.84	54.00	-7.16	Average
3	pp 5381.223	10.56	32.80	30.75		34.68	47.29	54.00	-6.71	Average

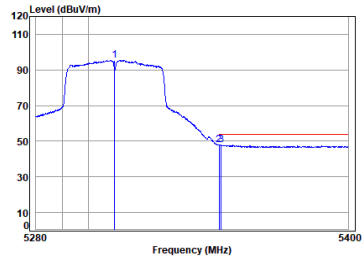
11ac_HT(40M)_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5310.000	10.31	32.72	30.78		94.37	106.62	68.20	38.42	Peak
2	5350.020	10.45	32.80	30.76		46.63	59.12	74.00	-14.88	Peak
3	5355.165	10.47	32.80	30.76		47.68	60.19	74.00	-13.81	Peak

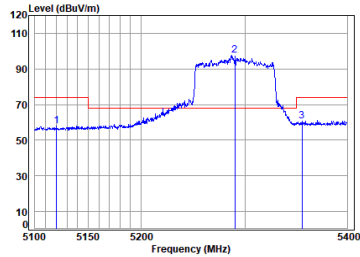
11ac_HT(40M)_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78		83.31	95.56	-----	-----	Average
2	5350.020	10.45	32.80	30.76		35.49	47.98	54.00	-6.02	Average
3	pp 5350.834	10.45	32.80	30.76		35.55	48.04	54.00	-5.96	Average

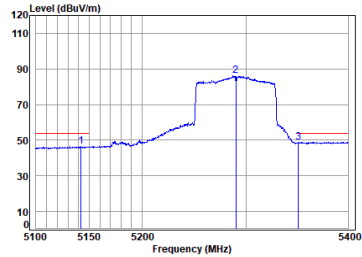
11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5120.154	10.03	32.34	30.85	46.53	58.05	74.00	-15.95	Peak
2 pp	5290.000	10.28	32.68	30.78	85.42	97.60	68.20	29.40	Peak
3	5355.736	10.47	32.80	30.76	48.30	60.81	74.00	-13.19	Peak

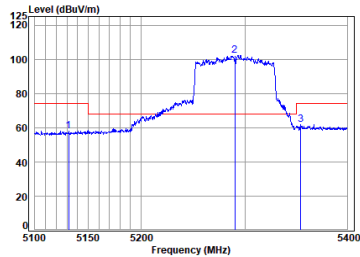
11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.444	10.11	32.38	30.84	34.82	46.47	54.00	-7.53	Average
2	5290.000	10.28	32.68	30.78	74.16	86.34	-----	-----	Average
3 pp	5351.146	10.45	32.80	30.76	36.49	48.98	54.00	-5.02	Average

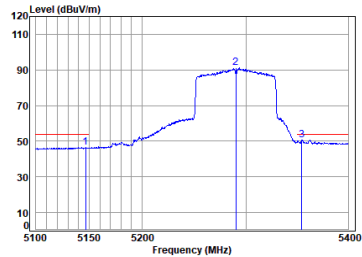
11ac_VHT(80M)_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.580	10.07	32.36	30.85	46.51	58.09	74.00	-15.91	Peak
2 pp	5290.000	10.28	32.68	30.78	90.20	102.38	68.20	34.18	Peak
3	5354.206	10.47	32.80	30.76	49.05	61.56	74.00	-12.44	Peak

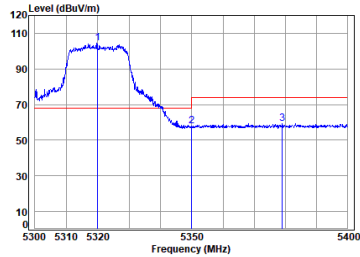
11ac_VHT(80M)_TX_CH_58_Vorizontal-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.561	10.13	32.39	30.84	34.98	46.66	54.00	-7.34	Average
2	5290.000	10.28	32.68	30.78	79.00	91.18	-----	-----	Average
3 pp	5354.206	10.47	32.80	30.76	38.27	50.78	54.00	-3.22	Average

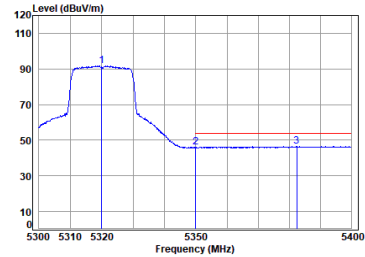
11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	92.19	104.51	68.20	36.31	Peak
2	5350.020	10.45	32.80	30.76	45.38	57.87	74.00	-16.13	Peak
3	5379.046	10.55	32.80	30.75	46.91	59.51	74.00	-14.49	Peak

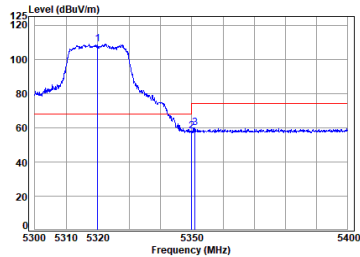
11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	79.54	91.86	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.56	46.05	54.00	-7.95	Average
3 pp	5382.465	10.56	32.80	30.75	33.90	46.51	54.00	-7.49	Average

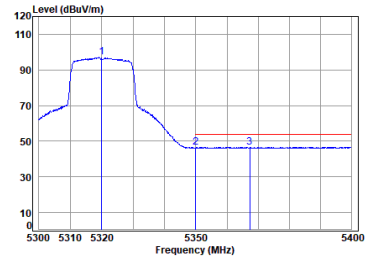
11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.64	108.96	68.20	40.76	Peak
2	5350.020	10.45	32.80	30.76	45.66	58.15	74.00	-15.85	Peak
3	5351.066	10.45	32.80	30.76	47.53	60.02	74.00	-13.98	Peak

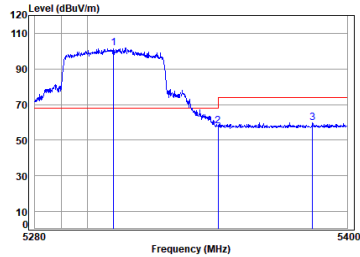
11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	84.82	97.14	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.90	46.39	54.00	-7.61	Average
3 pp	5367.295	10.51	32.80	30.75	34.18	46.74	54.00	-7.26	Average

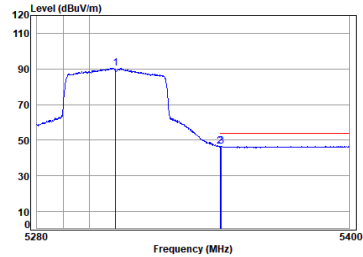
11ax_40M_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	89.39	101.64	68.20	33.44	Peak
2	5350.020	10.45	32.80	30.76	45.66	58.15	74.00	-15.85	Peak
3	5386.546	10.57	32.80	30.75	47.34	59.96	74.00	-14.04	Peak

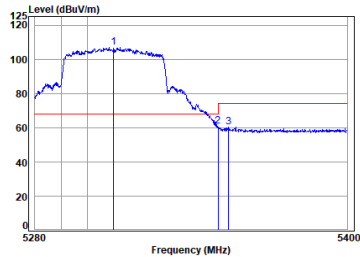
11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	78.29	90.54	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.05	46.54	54.00	-7.46	Average
3 pp	5350.594	10.45	32.80	30.76	34.12	46.61	54.00	-7.39	Average

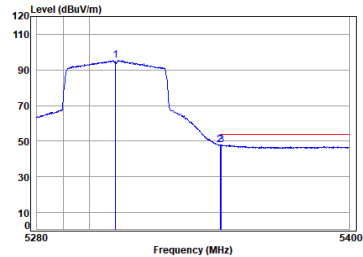
11ax_40M_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	94.75	107.00	68.20	38.80	Peak
2	5350.020	10.45	32.80	30.76	48.15	60.64	74.00	-13.36	Peak
3	5354.082	10.46	32.80	30.76	48.01	60.51	74.00	-13.49	Peak

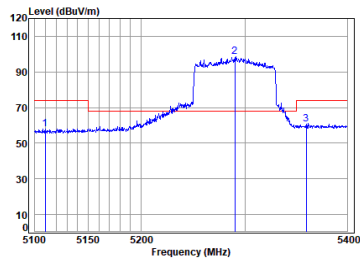
11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	83.11	95.36	-----	-----	Average
2	5350.020	10.45	32.80	30.76	35.47	47.96	54.00	-6.04	Average
3 pp	5350.594	10.45	32.80	30.76	35.49	47.98	54.00	-6.02	Average

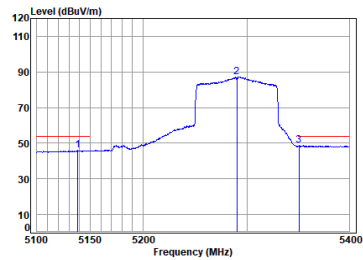
11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5109.629	9.99	32.32	30.86	46.60	58.05	74.00	-15.95	Peak
2 pp	5290.000	10.28	32.68	30.78	86.44	98.62	68.20	30.42	Peak
3	5359.717	10.48	32.80	30.76	48.08	60.60	74.00	-13.40	Peak

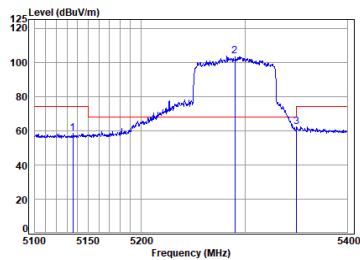
11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.331	10.10	32.38	30.84	34.31	45.95	54.00	-8.05	Average
2	5290.000	10.28	32.68	30.78	75.08	87.26	54.00	33.26	Average
3 pp	5350.535	10.45	32.80	30.76	36.17	48.66	54.00	-5.34	Average

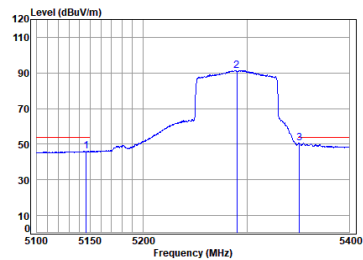
11ax_80M_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5135.688	10.09	32.37	30.85	46.96	58.57	74.00	-15.43	Peak
2 pp	5290.000	10.28	32.68	30.78	91.31	103.49	68.20	35.29	Peak
3	5350.229	10.45	32.80	30.76	49.91	62.40	74.00	-11.60	Peak

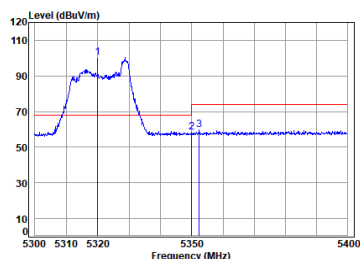
11ax_80M_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.267	10.13	32.39	30.84	34.43	46.11	54.00	-7.89	Average
2	5290.000	10.28	32.68	30.78	79.19	91.37	54.00	37.37	Average
3 pp	5350.840	10.45	32.80	30.76	38.28	50.77	54.00	-3.23	Average

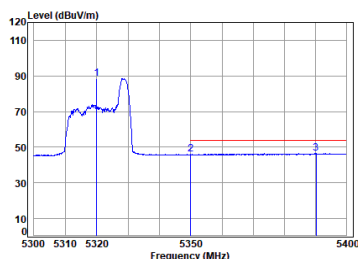
11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	87.85	100.17	68.20	31.97	Peak
2	5350.020	10.45	32.80	30.76	45.73	58.22	74.00	-15.78	Peak
3	5352.367	10.46	32.80	30.76	47.17	59.67	74.00	-14.33	Peak

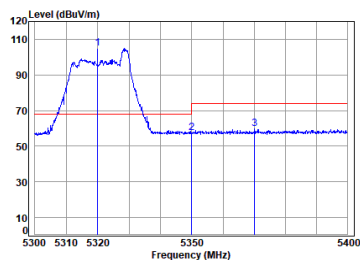
11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	76.04	88.36	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.47	45.96	54.00	-8.04	Average
3 pp	5390.319	10.59	32.80	30.74	33.79	46.44	54.00	-7.56	Average

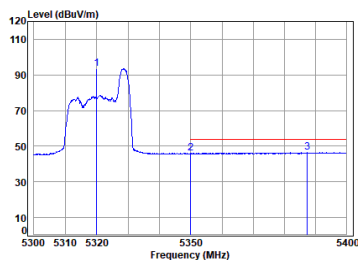
11ax_20M_Partial_RU26_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	92.78	105.10	68.20	36.90	Peak
2	5350.020	10.45	32.80	30.76	44.88	57.37	74.00	-16.63	Peak
3	5370.104	10.52	32.80	30.75	47.12	59.69	74.00	-14.31	Peak

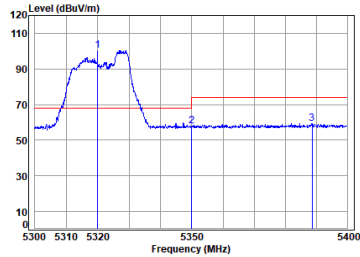
11ax_20M_Partial_RU26_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	81.25	93.57	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.56	46.05	54.00	-7.95	Average
3 pp	5387.498	10.58	32.80	30.75	34.03	46.66	54.00	-7.34	Average

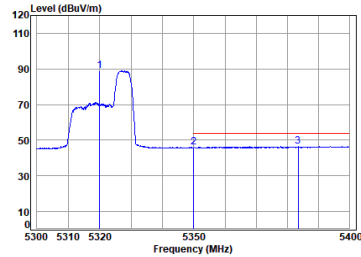
11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB			dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77		87.99	100.31	68.20	32.11	Peak
2	5350.020	10.45	32.80	30.76		45.55	58.04	74.00	-15.96	Peak
3	5388.606	10.58	32.80	30.74		46.77	59.41	74.00	-14.59	Peak

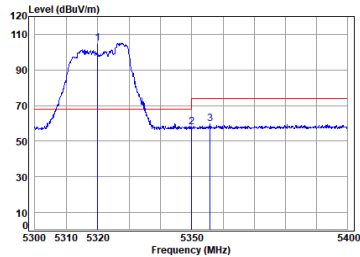
11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB			dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77		76.72	89.04	-----	-----	Average
2	5350.020	10.45	32.80	30.76		33.43	45.92	54.00	-8.08	Average
3 pp	5383.572	10.56	32.80	30.75		33.84	46.45	54.00	-7.55	Average

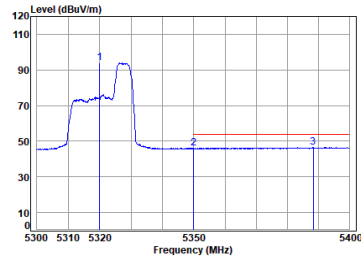
11ax_20M_Partial_RU52_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB			dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77		92.79	105.11	68.20	36.91	Peak
2	5350.020	10.45	32.80	30.76		45.46	57.95	74.00	-16.05	Peak
3	5355.870	10.47	32.80	30.76		47.15	59.66	74.00	-14.34	Peak

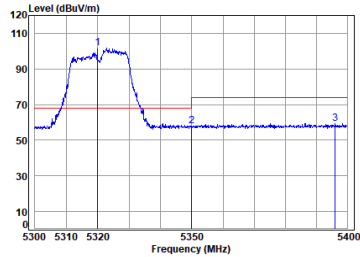
11ax_20M_Partial_RU52_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB			dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77		81.69	94.01	-----	-----	Average
2	5350.020	10.45	32.80	30.76		33.55	46.04	54.00	-7.96	Average
3 pp	5388.405	10.58	32.80	30.74		33.89	46.53	54.00	-7.47	Average

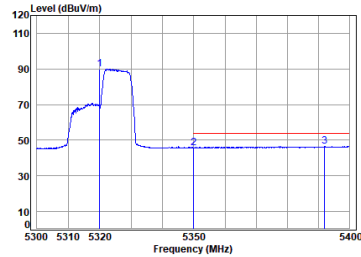
11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	89.48	101.80	68.20	33.60	Peak
2	5350.020	10.45	32.80	30.76	45.47	57.96	74.00	-16.04	Peak
3	5396.065	10.61	32.80	30.74	46.77	59.44	74.00	-14.56	Peak

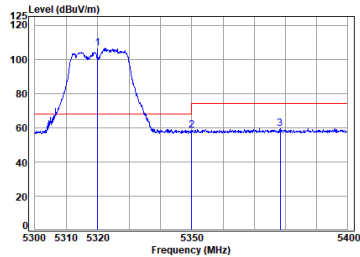
11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	77.65	89.97	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.36	45.85	54.00	-8.15	Average
3 pp	5392.032	10.59	32.80	30.74	33.91	46.56	54.00	-7.44	Average

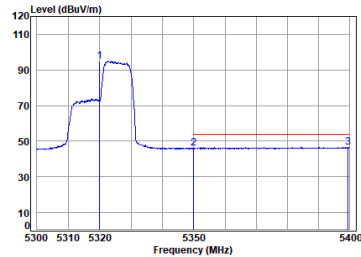
11ax_20M_Partial_RU106_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	94.15	106.47	68.20	38.27	Peak
2	5350.020	10.45	32.80	30.76	45.88	58.37	74.00	-15.63	Peak
3	5378.342	10.55	32.80	30.75	46.81	59.41	74.00	-14.59	Peak

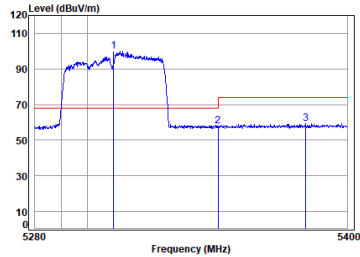
11ax_20M_Partial_RU106_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	82.59	94.91	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.71	46.20	54.00	-7.80	Average
3 pp	5399.697	10.62	32.80	30.74	33.94	46.62	54.00	-7.38	Average

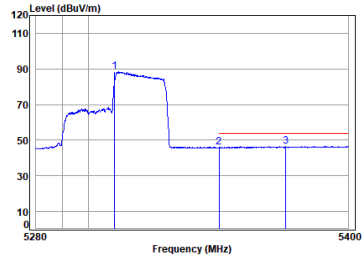
11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	87.64	99.89	68.20	31.69	Peak
2 5350.020	10.45	32.80	30.76	45.63	58.12	74.00	-15.88	Peak
3 5383.884	10.57	32.80	30.75	46.77	59.39	74.00	-14.61	Peak

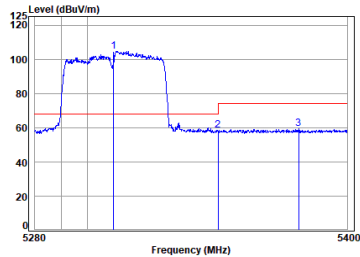
11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5310.000	10.31	32.72	30.78	76.32	88.57	-----	-----	Average
2 5350.020	10.45	32.80	30.76	33.37	45.86	54.00	-8.14	Average
3 pp 5375.784	10.54	32.80	30.75	33.88	46.47	54.00	-7.53	Average

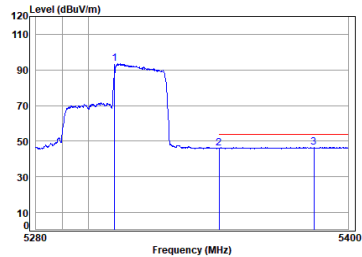
11ax_40M_Partial_RU242_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	92.50	104.75	68.20	36.55	Peak
2 5350.020	10.45	32.80	30.76	46.13	58.62	74.00	-15.38	Peak
3 5381.223	10.56	32.80	30.75	46.82	59.43	74.00	-14.57	Peak

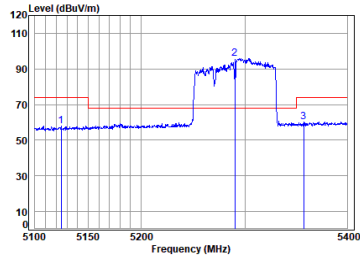
11ax_40M_Partial_RU242_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5310.000	10.31	32.72	30.78	81.29	93.54	-----	-----	Average
2 5350.020	10.45	32.80	30.76	33.63	46.12	54.00	-7.88	Average
3 pp 5386.667	10.58	32.80	30.75	33.96	46.59	54.00	-7.41	Average

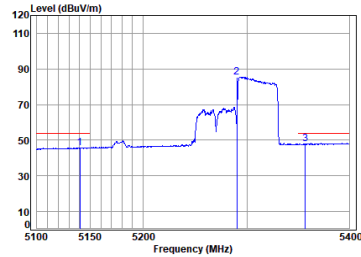
11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5124.545	10.04	32.35	30.85	46.48	58.02	74.00	-15.98	Peak
2 pp	5290.000	10.28	32.68	30.78	83.82	96.00	68.20	27.80	Peak
3	5357.267	10.48	32.80	30.76	47.52	60.04	74.00	-13.96	Peak

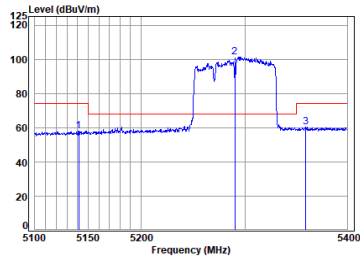
11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.387	10.10	32.38	30.84	34.20	45.84	54.00	-8.16	Average
2	5290.000	10.28	32.68	30.78	73.37	85.55	54.00	31.55	Average
3 pp	5356.654	10.47	32.80	30.76	35.48	47.99	54.00	-6.01	Average

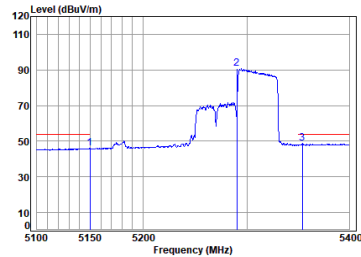
11ax_80M_Partial_RU484_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.975	10.11	32.38	30.84	46.32	57.97	74.00	-16.03	Peak
2 pp	5290.000	10.28	32.68	30.78	89.18	101.36	68.20	33.16	Peak
3	5359.411	10.48	32.80	30.76	47.96	60.48	74.00	-13.52	Peak

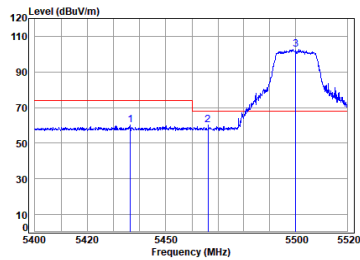
11ax_80M_Partial_RU484_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5290 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.798	10.14	32.40	30.84	34.33	46.03	54.00	-7.97	Average
2	5290.000	10.28	32.68	30.78	78.44	90.62	54.00	36.62	Average
3 pp	5353.899	10.46	32.80	30.76	36.32	48.82	54.00	-5.18	Average

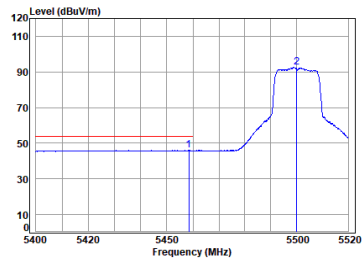
11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5436.440	10.61	32.87	30.73	47.28	60.03	74.00	-13.97	Peak
2	5465.274	10.59	32.90	30.71	47.26	60.04	68.20	-8.16	Peak
3 pp	5500.000	10.58	32.90	30.70	89.84	102.62	68.20	34.42	Peak

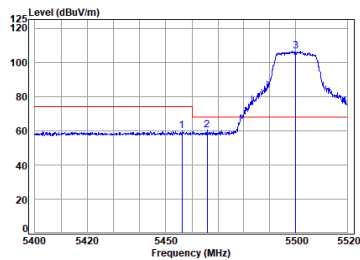
11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5458.471	10.60	32.90	30.72	33.33	46.11	54.00	-7.89	Average
2	5500.000	10.58	32.90	30.70	79.76	92.54	-----	-----	Average

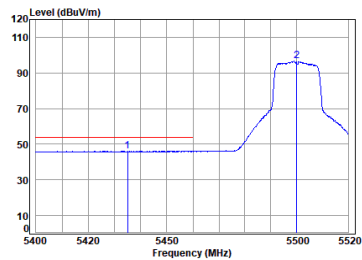
11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.191	10.60	32.90	30.72	46.91	59.69	74.00	-14.31	Peak
2	5465.914	10.59	32.90	30.71	47.48	60.26	68.20	-7.94	Peak
3 pp	5500.000	10.58	32.90	30.70	93.62	106.40	68.20	38.20	Peak

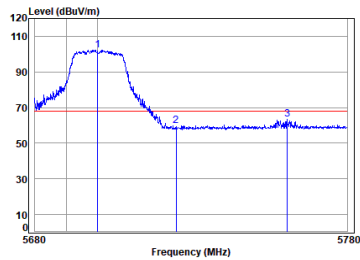
11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5435.007	10.61	32.87	30.73	33.41	46.16	54.00	-7.84	Average
2	5500.000	10.58	32.90	30.70	83.79	96.57	-----	-----	Average

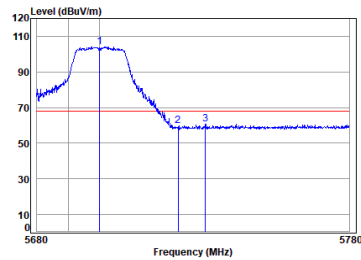
11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62		89.26	102.40	68.20	34.20	Peak
2	5725.000	10.68	33.25	30.61		46.40	59.72	68.20	-8.48	Peak
3	5760.665	10.84	33.32	30.60		50.02	63.58	68.20	-4.62	Peak

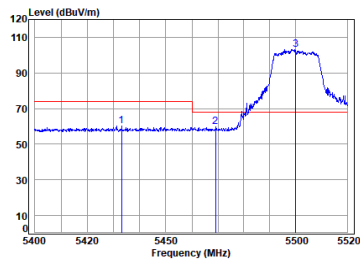
11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62		90.82	103.96	68.20	35.76	Peak
2	5725.000	10.68	33.25	30.61		46.48	59.80	68.20	-8.40	Peak
3	5733.783	10.72	33.27	30.61		47.22	60.60	68.20	-7.60	Peak

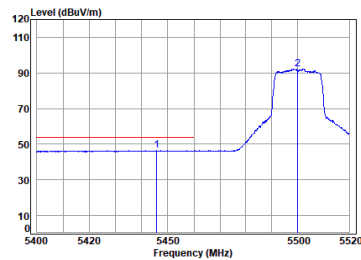
11ac_HT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5433.096	10.61	32.87	30.73		47.38	60.13	74.00	-13.87	Peak
2	5469.158	10.59	32.90	30.71		46.93	59.71	68.20	-8.49	Peak
3 pp	5500.000	10.58	32.90	30.70		90.49	103.27	68.20	35.07	Peak

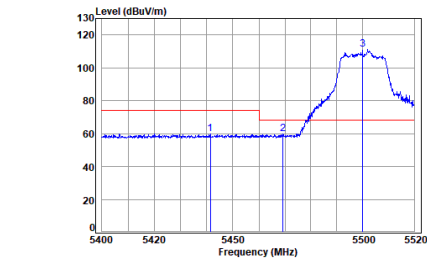
11ac_HT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark
	MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5445.769	10.60	32.89	30.72		33.66	46.43	54.00	-7.57	Average
2	5500.000	10.58	32.90	30.70		79.58	92.36	-----	-----	Average

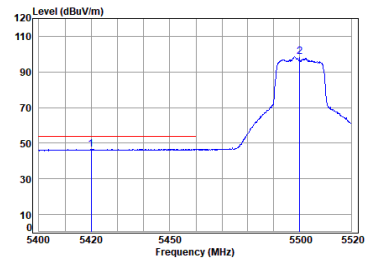
11ac_HT(20M)_TX_CH_100_Verical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5441.341	10.60	32.88	30.72	47.87	59.83	74.00	-14.17	Peak
2	5469.279	10.59	32.90	30.71	47.27	60.85	68.20	-8.15	Peak
3 pp	5500.000	10.58	32.90	30.70	98.34	111.12	68.20	42.92	Peak

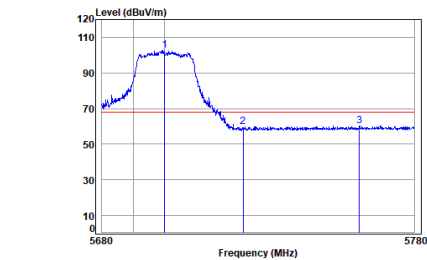
11ac_HT(20M)_TX_CH_100_Verical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5419.857	10.61	32.84	30.73	33.87	46.59	54.00	-7.41	Average
2	5500.000	10.58	32.90	30.70	85.66	98.44	-----	-----	Average

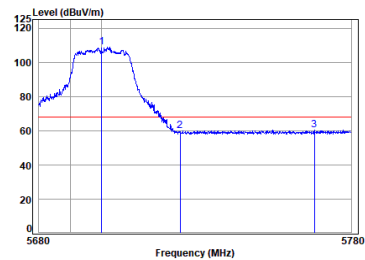
11ac_HT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	89.73	102.87	68.20	34.67	Peak
2	5725.000	10.68	33.25	30.61	46.59	59.91	68.20	-8.29	Peak
3	5762.374	10.85	33.32	30.60	46.64	60.21	68.20	-7.99	Peak

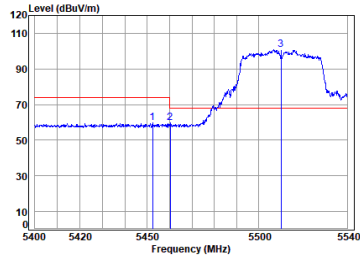
11ac_HT(20M)_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	95.74	108.88	68.20	40.68	Peak
2	5725.000	10.68	33.25	30.61	46.52	59.84	68.20	-8.36	Peak
3	5768.109	10.87	33.34	30.59	46.63	60.25	68.20	-7.95	Peak

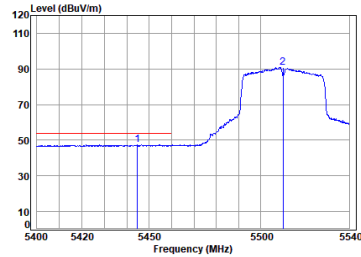
11ac_HT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5452.360	10.60	32.90	30.72	46.97	59.75	74.00	-14.25	Peak
2	5460.320	10.60	32.90	30.72	47.03	59.81	68.20	-8.39	Peak
3 pp	5510.000	10.56	32.90	30.70	88.22	100.98	68.20	32.78	Peak

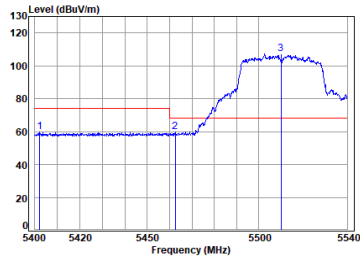
11ac_HT(40M)_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5444.689	10.60	32.89	30.72	34.84	47.61	54.00	-6.39	Average
2	5510.000	10.56	32.90	30.70	78.18	90.94	-----	-----	Average

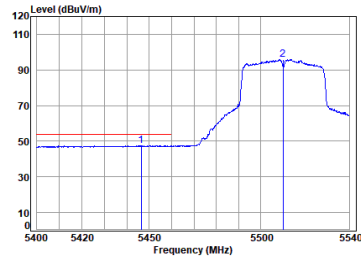
11ac_HT(40M)_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5402.212	10.62	32.80	30.74	47.02	59.70	74.00	-14.30	Peak
2	5462.417	10.59	32.90	30.72	47.04	59.81	68.20	-8.39	Peak
3 pp	5510.000	10.56	32.90	30.70	94.29	107.05	68.20	38.85	Peak

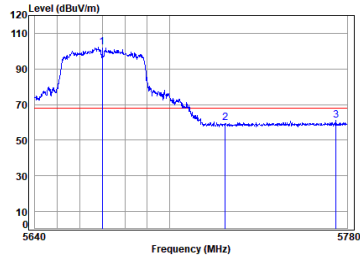
11ac_HT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5446.362	10.60	32.89	30.72	34.75	47.52	54.00	-6.48	Average
2	5510.000	10.56	32.90	30.70	83.07	95.83	-----	-----	Average

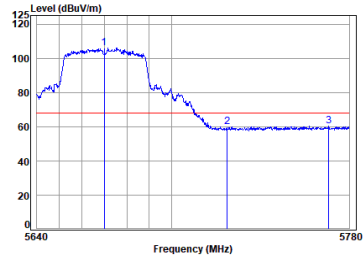
11ac_HT(40M)_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	89.12	102.15	68.20	33.95	Peak
2	5725.000	10.68	33.25	30.61	46.57	59.89	68.20	-8.31	Peak
3	5774.900	10.91	33.35	30.59	47.61	61.28	68.20	-6.92	Peak

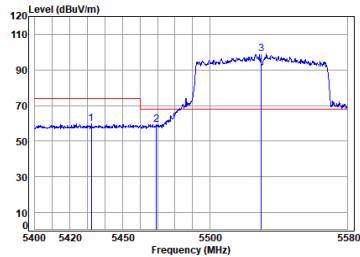
11ac_HT(40M)_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	93.04	106.07	68.20	37.87	Peak
2	5725.000	10.68	33.25	30.61	46.57	59.89	68.20	-8.31	Peak
3	5770.795	10.89	33.34	30.59	46.56	60.20	68.20	-8.00	Peak

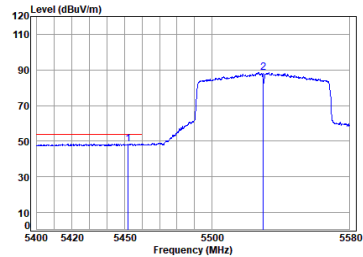
11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5432.144	10.61	32.86	30.73	47.26	60.00	74.00	-14.00	Peak
2	5469.319	10.59	32.90	30.71	46.63	59.41	68.20	-8.79	Peak
3 pp	5530.000	10.53	32.90	30.69	86.07	98.81	68.20	30.61	Peak

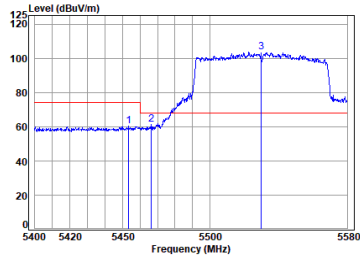
11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5451.951	10.60	32.90	30.72	35.80	48.58	54.00	-5.42	Average
2	5530.000	10.53	32.90	30.69	75.78	88.52	-----	-----	Average

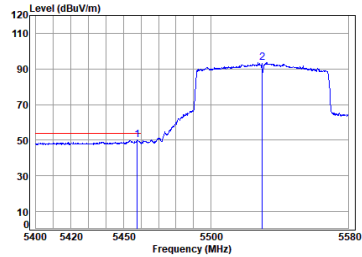
11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5453.382	10.60	32.90	30.72	47.59	60.37	74.00	-13.63	Peak
2	5466.451	10.59	32.90	30.71	48.30	61.08	68.20	-7.12	Peak
3 pp	5530.000	10.53	32.90	30.69	90.70	103.44	68.20	35.24	Peak

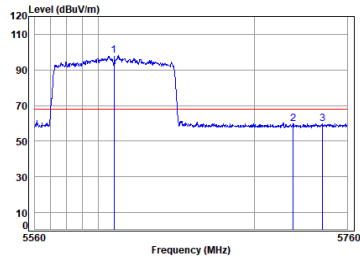
11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5457.854	10.60	32.90	30.72	37.46	50.24	54.00	-3.76	Average
2	5530.000	10.53	32.90	30.69	80.83	93.57	-----	-----	Average

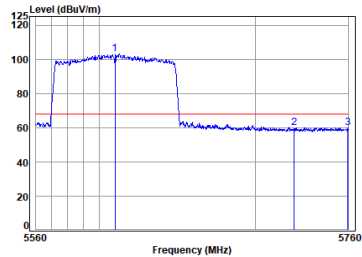
11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	85.19	97.98	68.20	29.78	Peak
2	5725.000	10.68	33.25	30.61	46.39	59.71	68.20	-8.49	Peak
3	5743.941	10.76	33.29	30.60	46.53	59.98	68.20	-8.22	Peak

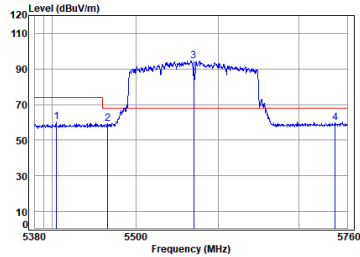
11ac_VHT(80M)_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	90.35	103.14	68.20	34.94	Peak
2	5725.000	10.68	33.25	30.61	46.57	59.89	68.20	-8.31	Peak
3	5759.796	10.84	33.32	30.60	46.34	59.90	68.20	-8.30	Peak

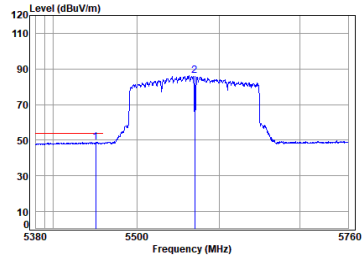
11ac_VHT(160M)_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5495.395	10.62	32.81	30.74	47.58	60.27	74.00	-13.73	Peak
2	5466.237	10.59	32.90	30.71	46.64	59.42	68.20	-8.78	Peak
3 pp	5570.000	10.46	32.94	30.67	81.84	94.57	68.20	26.37	Peak
4	5745.081	10.77	33.29	30.60	46.31	59.77	68.20	-8.43	Peak

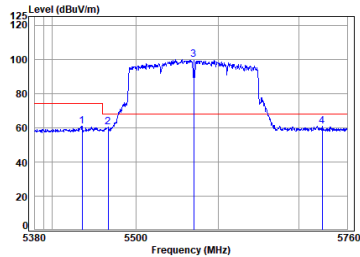
11ac_VHT(160M)_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5450.590	10.60	32.90	30.72	36.05	48.83	54.00	-5.17	Average
2	5570.000	10.46	32.94	30.67	73.56	86.29	-----	-----	Average

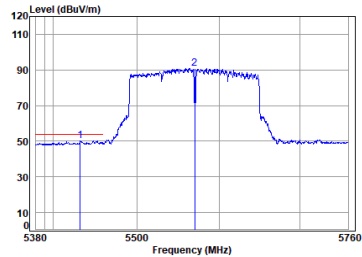
11ac_VHT(160M)_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.731	10.61	32.87	30.73	47.91	60.66	74.00	-13.34	Peak
2	5466.610	10.59	32.90	30.71	47.49	60.27	68.20	-7.93	Peak
3 pp	5570.000	10.46	32.94	30.67	86.97	99.70	68.20	31.50	Peak
4	5728.637	10.69	33.26	30.61	47.29	60.63	68.20	-7.57	Peak

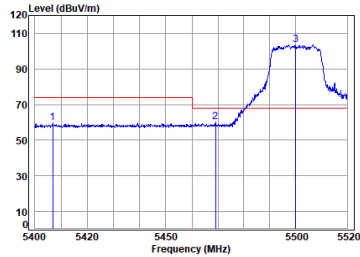
11ac_VHT(160M)_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5432.393	10.61	32.86	30.73	37.34	50.08	54.00	-3.92	Average
2	5570.000	10.46	32.94	30.67	78.09	90.82	-----	-----	Average

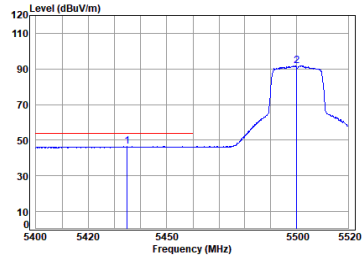
11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5496.770	10.62	32.81	30.74	47.00	59.69	74.00	-14.31	Peak
2	5469.038	10.59	32.90	30.71	47.57	60.35	68.20	-7.85	Peak
3 pp	5500.000	10.58	32.90	30.70	90.74	103.52	68.20	35.32	Peak

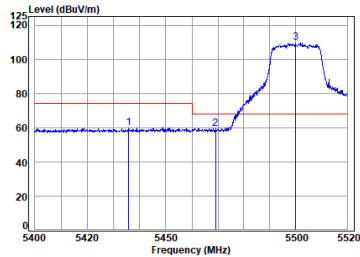
11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5434.887	10.61	32.87	30.73	33.66	46.41	54.00	-7.59	Average
2	5500.000	10.58	32.90	30.70	79.14	91.92	-----	-----	Average

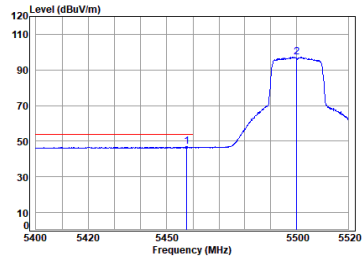
11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.843	10.61	32.87	30.73	47.18	59.93	74.00	-14.07	Peak
2	5469.158	10.59	32.90	30.71	46.86	59.64	68.20	-8.56	Peak
3 pp	5500.000	10.58	32.90	30.70	97.09	109.87	68.20	41.67	Peak

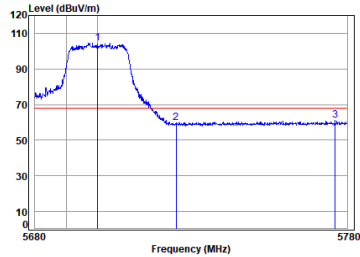
11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5457.631	10.60	32.90	30.72	34.07	46.85	54.00	-7.15	Average
2	5500.000	10.58	32.90	30.70	84.60	97.38	-----	-----	Average

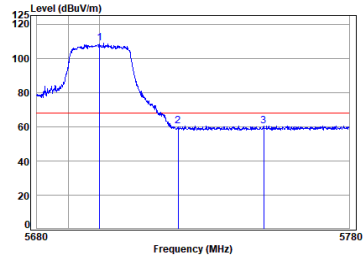
11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	91.47	104.61	68.20	36.41	Peak
2	5725.000	10.68	33.25	30.61	46.38	59.70	68.20	-8.50	Peak
3	5776.067	10.91	33.35	30.59	47.35	61.02	68.20	-7.18	Peak

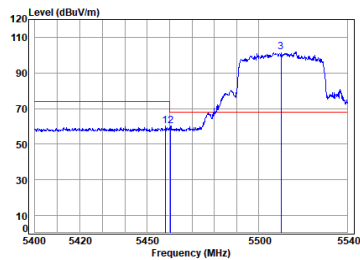
11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	95.86	109.00	68.20	40.80	Peak
2	5725.000	10.68	33.25	30.61	46.88	60.20	68.20	-8.00	Peak
3	5752.426	10.80	33.30	30.60	46.91	60.41	68.20	-7.79	Peak

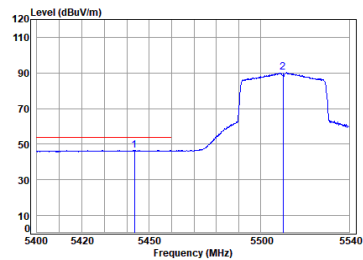
11ax_40M_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.084	10.60	32.90	30.72	47.26	60.04	74.00	-13.96	Peak
2	5460.460	10.60	32.90	30.72	47.27	60.05	68.20	-8.15	Peak
3 pp	5510.000	10.56	32.90	30.70	88.94	101.70	68.20	33.50	Peak

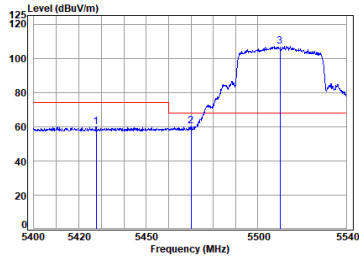
11ax_40M_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5443.296	10.60	32.89	30.72	33.69	46.46	54.00	-7.54	Average
2	5510.000	10.56	32.90	30.70	77.53	90.29	-----	-----	Average

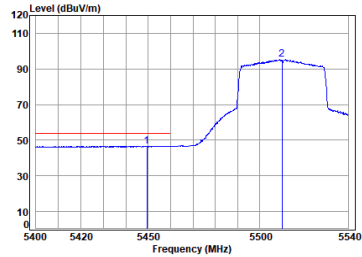
11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5427.714	10.61	32.86	30.73	47.32	60.06	74.00	-13.94	Peak
2	5469.972	10.59	32.90	30.71	47.37	60.15	68.20	-8.05	Peak
3 pp	5510.000	10.56	32.90	30.70	94.39	107.15	68.20	38.95	Peak

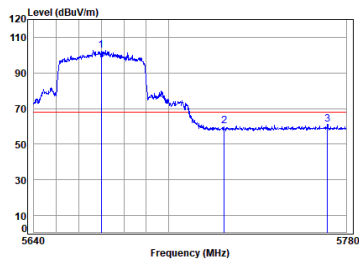
11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5449.430	10.60	32.90	30.72	33.95	46.73	54.00	-7.27	Average
2	5510.000	10.56	32.90	30.70	82.79	95.55	-----	-----	Average

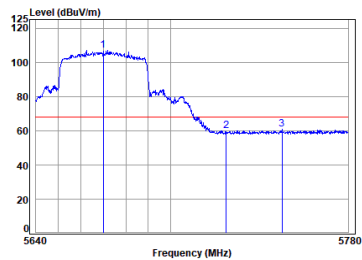
11ax_40M_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	89.52	102.55	68.20	34.35	Peak
2	5725.000	10.68	33.25	30.61	46.79	60.11	68.20	-8.09	Peak
3	5771.503	10.89	33.34	30.59	47.57	61.21	68.20	-6.99	Peak

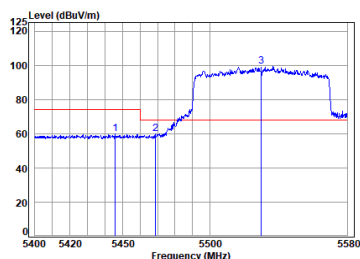
11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	93.91	106.94	68.20	38.74	Peak
2	5725.000	10.68	33.25	30.61	46.79	60.11	68.20	-8.09	Peak
3	5750.033	10.79	33.30	30.60	47.40	60.89	68.20	-7.31	Peak

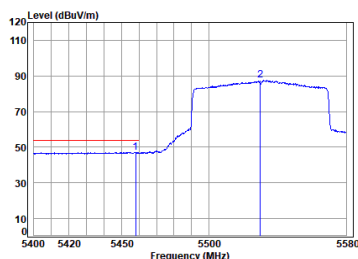
11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5450.698	10.60	32.89	30.72	46.96	59.73	74.00	-14.27	Peak
2	5468.961	10.59	32.90	30.71	47.27	60.05	68.20	-8.15	Peak
3 pp	5530.000	10.53	32.90	30.69	86.50	99.24	68.20	31.04	Peak

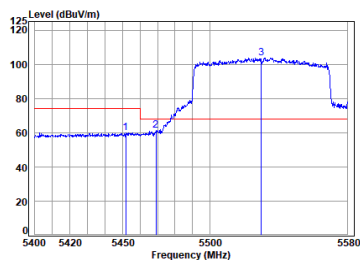
11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5458.033	10.60	32.90	30.72	34.43	47.21	54.00	-6.79	Average
2	5530.000	10.53	32.90	30.69	74.69	87.43	-----	-----	Average

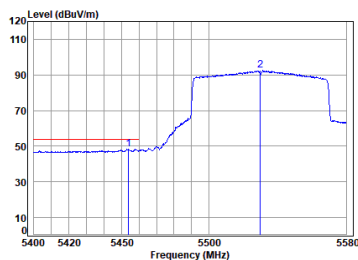
11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5451.772	10.60	32.90	30.72	47.04	59.82	74.00	-14.18	Peak
2	5469.140	10.59	32.90	30.71	48.36	61.14	68.20	-7.06	Peak
3 pp	5530.000	10.53	32.90	30.69	91.08	103.82	68.20	35.62	Peak

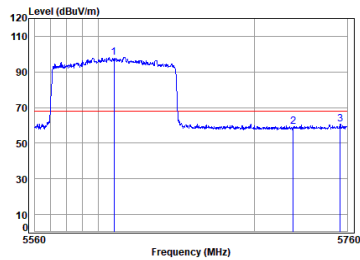
11ax_80M_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5453.918	10.60	32.90	30.72	35.56	48.34	54.00	-5.66	Average
2	5530.000	10.53	32.90	30.69	79.66	92.40	-----	-----	Average

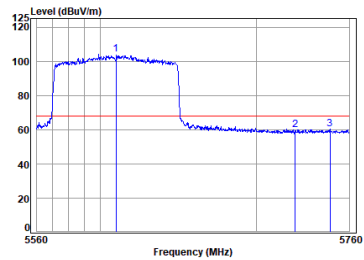
11ax_80M_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	85.48	98.27	68.20	30.07	Peak
2	5725.000	10.68	33.25	30.61	46.14	59.46	68.20	-8.74	Peak
3	5755.523	10.82	33.31	30.60	47.11	60.64	68.20	-7.56	Peak

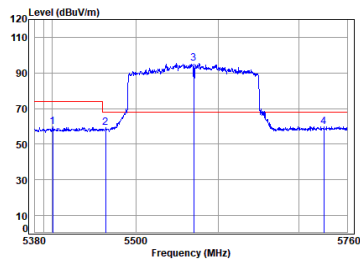
11ax_80M_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	91.12	103.91	68.20	35.71	Peak
2	5725.000	10.68	33.25	30.61	46.70	60.02	68.20	-8.18	Peak
3	5747.597	10.78	33.30	30.60	46.71	60.19	68.20	-8.01	Peak

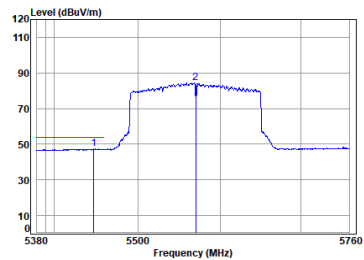
11ax_160M_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5400.970	10.62	32.80	30.74	46.94	59.62	74.00	-14.38	Peak
2	5463.999	10.59	32.90	30.71	46.37	59.15	68.20	-9.05	Peak
3 pp	5570.000	10.46	32.94	30.67	82.62	95.35	68.20	27.15	Peak
4	5730.592	10.70	33.26	30.61	46.50	59.85	68.20	-8.35	Peak

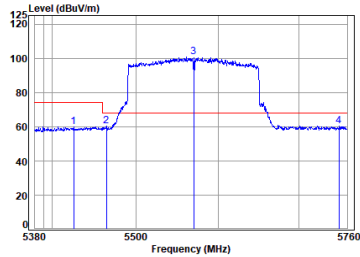
11ax_160M_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5447.244	10.60	32.89	30.72	34.69	47.46	54.00	-6.54	Average
2	5570.000	10.46	32.94	30.67	71.61	84.34	-----	-----	Average

11ax_160M_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL

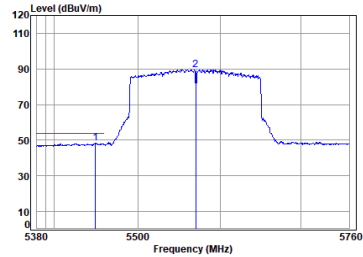
Job No : 05363TL/05364TL

Mode : 5570 Band edge

: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5426.094	10.61	32.85	30.73	47.22	59.95	74.00	-14.05	Peak
2	5464.745	10.59	32.90	30.71	47.63	60.41	68.20	-7.79	Peak
3 pp	5570.000	10.46	32.94	30.67	88.16	100.89	68.20	32.69	Peak
4	5749.788	10.79	33.30	30.60	46.92	60.41	68.20	-7.79	Peak

11ax_160M_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL

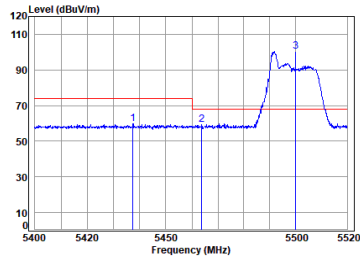
Job No : 05363TL/05364TL

Mode : 5570 Band edge

: 5G Wi-Fi 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5449.103	10.60	32.90	30.72	35.60	48.38	54.00	-5.62	Average
2	5570.000	10.46	32.94	30.67	76.74	89.47	-----	-----	Average

11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

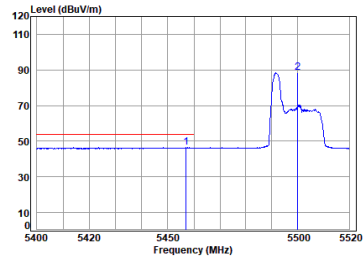
Job No : 05363TL/05364TL

Mode : 5500 Band edge

: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5437.396	10.60	32.87	30.73	47.05	59.79	74.00	-14.21	Peak
2	5463.752	10.59	32.90	30.71	46.41	59.19	68.20	-9.01	Peak
3 pp	5500.000	10.58	32.90	30.70	87.62	100.40	68.20	32.20	Peak

11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

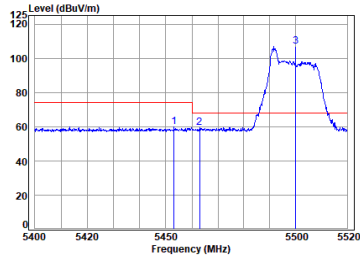
Job No : 05363TL/05364TL

Mode : 5500 Band edge

: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5457.031	10.60	32.90	30.72	33.73	46.51	54.00	-7.49	Average
2	5500.000	10.58	32.90	30.70	75.52	88.30	-----	-----	Average

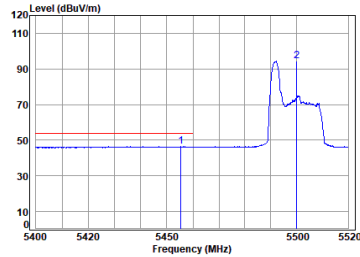
11ax_20M_Partial_RU26_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5453.194	10.60	32.90	30.72	47.33	60.11	74.00	-13.89	Peak
2	5462.911	10.59	32.90	30.71	46.72	59.50	68.20	-8.70	Peak
3 pp	5500.000	10.58	32.90	30.70	94.16	106.94	68.20	38.74	Peak

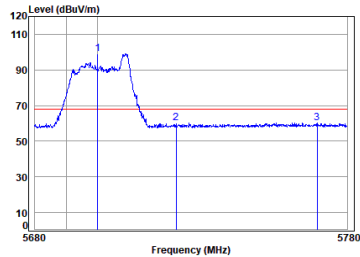
11ax_20M_Partial_RU26_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5455.352	10.60	32.90	30.72	33.85	46.63	54.00	-7.37	Average
2	5500.000	10.58	32.90	30.70	81.46	94.24	-----	-----	Average

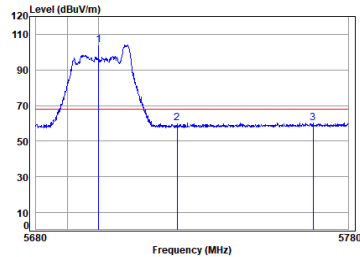
11ax_20M_Partial_RU26_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	86.00	99.14	68.20	30.94	Peak
2	5725.000	10.68	33.25	30.61	46.79	60.11	68.20	-8.09	Peak
3	5770.324	10.88	33.34	30.59	46.80	60.43	68.20	-7.77	Peak

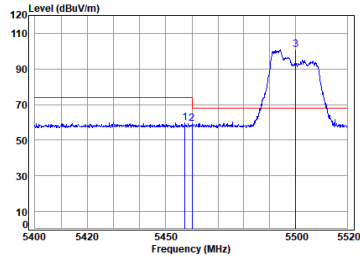
11ax_20M_Partial_RU26_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	91.11	104.25	68.20	36.05	Peak
2	5725.000	10.68	33.25	30.61	46.96	60.28	68.20	-7.92	Peak
3	5768.713	10.88	33.34	30.59	46.68	60.31	68.20	-7.89	Peak

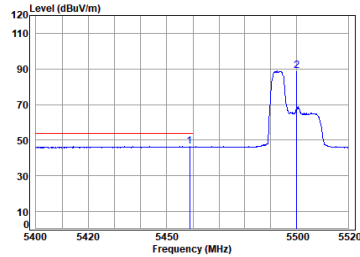
11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.271	10.60	32.90	30.72	47.14	59.92	74.00	-14.08	Peak
2	5460.150	10.60	32.90	30.72	46.65	59.43	68.20	-8.77	Peak
3 pp	5500.000	10.58	32.90	30.70	88.02	100.80	68.20	32.60	Peak

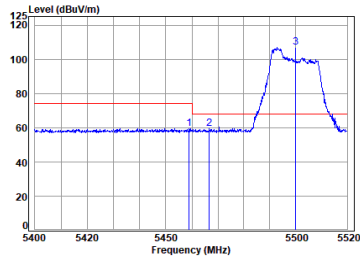
11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5458.831	10.60	32.90	30.72	33.58	46.36	54.00	-7.64	Average
2	5500.000	10.58	32.90	30.70	75.99	88.77	-----	-----	Average

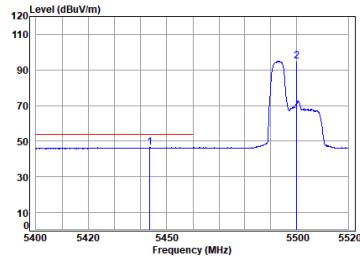
11ax_20M_Partial_RU52_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.950	10.60	32.90	30.72	46.63	59.41	74.00	-14.59	Peak
2	5466.755	10.59	32.90	30.71	46.66	59.44	68.20	-8.76	Peak
3 pp	5500.000	10.58	32.90	30.70	94.20	106.98	68.20	38.78	Peak

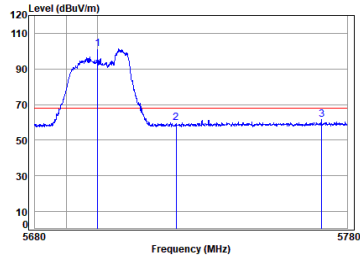
11ax_20M_Partial_RU52_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5443.495	10.60	32.89	30.72	33.71	46.48	54.00	-7.52	Average
2	5500.000	10.58	32.90	30.70	82.24	95.02	-----	-----	Average

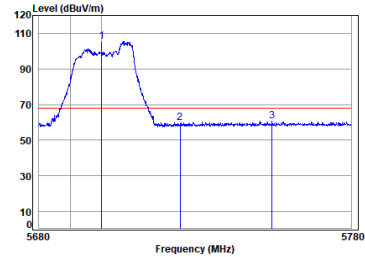
11ax_20M_Partial_RU52_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	88.04	101.18	68.20	32.98	Peak
2	5725.000	10.68	33.25	30.61	46.28	59.60	68.20	-8.60	Peak
3	5771.734	10.89	33.34	30.59	47.86	61.50	68.20	-6.70	Peak

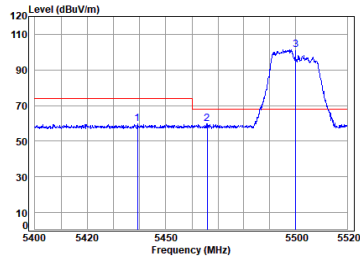
11ax_20M_Partial_RU52_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	92.22	105.36	68.20	37.16	Peak
2	5725.000	10.68	33.25	30.61	46.61	59.93	68.20	-8.27	Peak
3	5754.535	10.81	33.31	30.60	47.39	60.91	68.20	-7.29	Peak

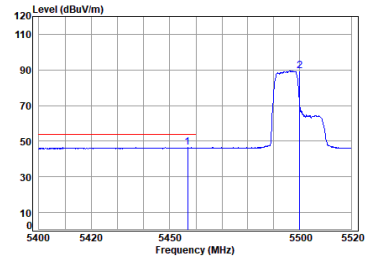
11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5439.189	10.60	32.88	30.72	46.79	59.55	74.00	-14.45	Peak
2	5465.914	10.59	32.90	30.71	46.91	59.69	68.20	-8.51	Peak
3 pp	5500.000	10.58	32.90	30.70	88.58	101.36	68.20	33.16	Peak

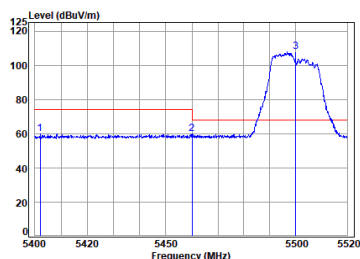
11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5456.911	10.60	32.90	30.72	33.68	46.46	54.00	-7.54	Average
2	5500.000	10.58	32.90	30.70	76.74	89.52	-----	-----	Average

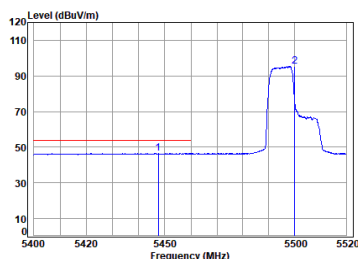
11ax_20M_Partial_RU106_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5402.018	10.62	32.80	30.74	47.13	59.81	74.00	-14.19	Peak
2	5460.030	10.60	32.90	30.72	47.11	59.89	68.20	-8.31	Peak
3 pp	5500.000	10.58	32.90	30.70	95.21	107.99	68.20	39.79	Peak

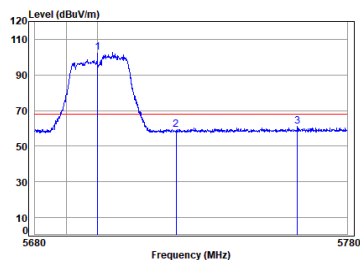
11ax_20M_Partial_RU106_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5447.564	10.60	32.90	30.72	33.87	46.65	54.00	-7.35	Average
2	5500.000	10.58	32.90	30.70	82.60	95.38	-----	-----	Average

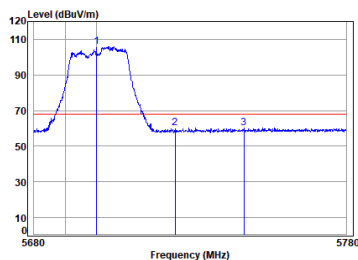
11ax_20M_Partial_RU106_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	89.46	102.60	68.20	34.40	Peak
2	5725.000	10.68	33.25	30.61	46.20	59.52	68.20	-8.68	Peak
3	5763.882	10.85	33.33	30.59	47.42	61.01	68.20	-7.19	Peak

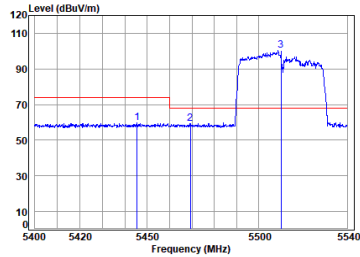
11ax_20M_Partial_RU106_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	92.59	105.73	68.20	37.53	Peak
2	5725.000	10.68	33.25	30.61	46.76	60.08	68.20	-8.12	Peak
3	5747.007	10.78	33.29	30.60	46.84	60.31	68.20	-7.89	Peak

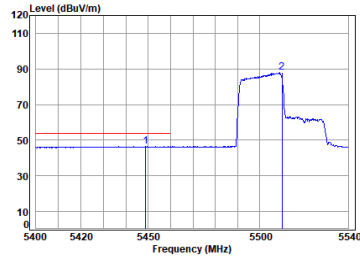
11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5445.526	10.60	32.89	30.72	46.87	59.64	74.00	-14.36	Peak
2	5469.272	10.59	32.90	30.71	46.38	59.16	68.20	-9.04	Peak
3 pp	5510.000	10.56	32.90	30.70	87.46	100.22	68.20	32.02	Peak

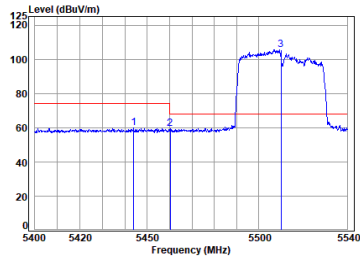
11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5448.732	10.60	32.90	30.72	33.69	46.47	54.00	-7.53	Average
2	5510.000	10.56	32.90	30.70	75.10	87.86	-----	-----	Average

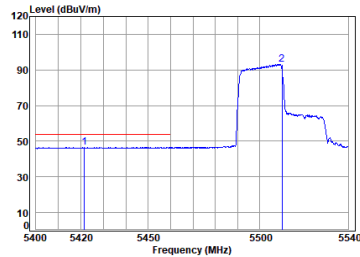
11ax_40M_Partial_RU242_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5443.854	10.60	32.89	30.72	47.29	60.06	74.00	-13.94	Peak
2	5469.320	10.60	32.90	30.71	46.47	59.25	68.20	-8.95	Peak
3 pp	5510.000	10.56	32.90	30.70	92.85	105.61	68.20	37.41	Peak

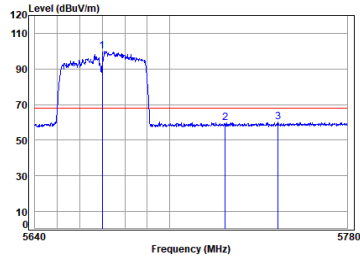
11ax_40M_Partial_RU242_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5510 Band edge

		Cable	Ant	Preamp	Read	Level	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5421.605	10.61	32.84	30.73	33.79	46.51	54.00	-7.49	Average
2	5510.000	10.56	32.90	30.70	80.50	93.26	-----	-----	Average

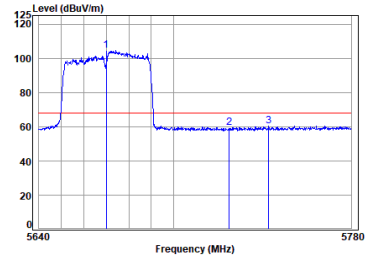
11ax_40M_Partial_RU242_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	87.02	100.05	68.20	31.85	Peak
2	5725.000	10.68	33.25	30.61	46.55	59.87	68.20	-8.33	Peak
3	5748.764	10.79	33.30	30.60	46.53	60.02	68.20	-8.18	Peak

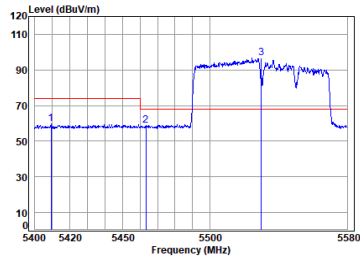
11ax_40M_Partial_RU242_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	91.49	104.52	68.20	36.32	Peak
2	5725.000	10.68	33.25	30.61	46.22	59.54	68.20	-8.66	Peak
3	5742.706	10.76	33.29	30.60	46.95	60.40	68.20	-7.80	Peak

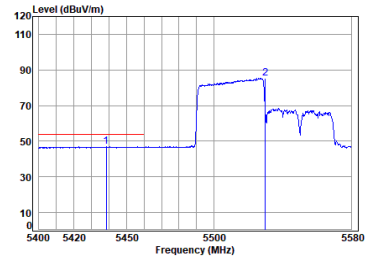
11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5409.215	10.62	32.82	30.74	47.12	59.82	74.00	-14.18	Peak
2	5463.226	10.59	32.90	30.71	46.16	58.94	68.20	-9.26	Peak
3 pp	5530.000	10.53	32.90	30.69	84.16	96.90	68.20	28.70	Peak

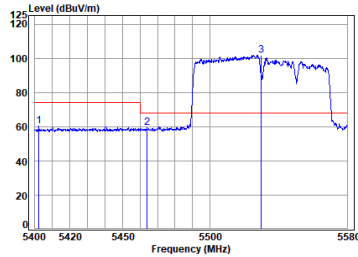
11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5438.382	10.60	32.88	30.72	34.13	46.89	54.00	-7.11	Average
2	5530.000	10.53	32.90	30.69	72.68	85.42	68.20	17.22	Average

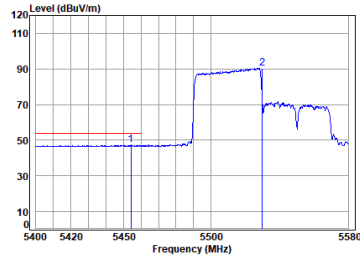
11ax_80M_Partial_RU484_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5402.302	10.62	32.80	30.74	47.49	60.17	74.00	-13.83	Peak
2	5463.942	10.59	32.90	30.71	46.55	59.33	68.20	-8.87	Peak
3 pp	5530.000	10.53	32.90	30.69	89.02	101.76	68.20	33.56	Peak

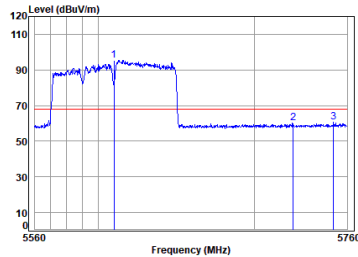
11ax_80M_Partial_RU484_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5530 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5454.097	10.60	32.90	30.72	34.52	47.30	54.00	-6.70	Average
2	5530.000	10.53	32.90	30.69	77.80	90.54	-----	-----	Average

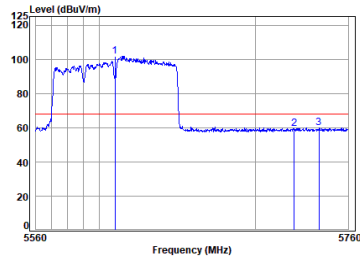
11ax_80M_Partial_RU484_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	82.69	95.48	68.20	27.28	Peak
2	5725.000	10.68	33.25	30.61	46.88	60.20	68.20	-8.00	Peak
3	5751.051	10.80	33.30	30.60	47.19	60.69	68.20	-7.51	Peak

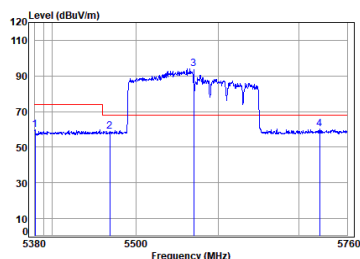
11ax_80M_Partial_RU484_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5610 Band edge

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	89.08	101.87	68.20	33.67	Peak
2	5725.000	10.68	33.25	30.61	46.04	59.36	68.20	-8.84	Peak
3	5741.101	10.75	33.28	30.60	46.49	59.92	68.20	-8.28	Peak

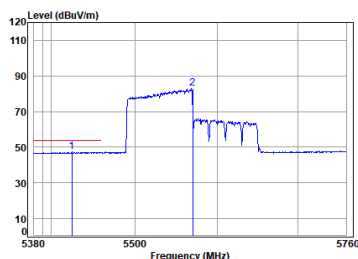
11ax_160M_Partial_RU996_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5380.367	10.55	32.80	30.75	47.38	59.98	74.00	-14.02	Peak
2	5468.849	10.59	32.90	30.71	46.11	58.89	68.20	-9.31	Peak
3 pp	5570.000	10.46	32.94	30.67	81.29	94.02	68.20	25.82	Peak
4	5725.510	10.68	33.25	30.61	46.70	60.02	68.20	-8.18	Peak

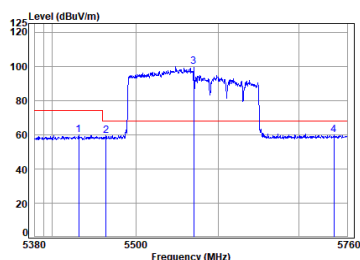
11ax_160M_Partial_RU996_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5424.983	10.61	32.85	30.73	34.60	47.33	54.00	-6.67	Average
2	5570.000	10.46	32.94	30.67	70.13	82.86	68.20	14.66	Average

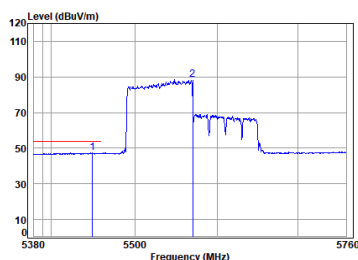
11ax_160M_Partial_RU996_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5431.651	10.61	32.86	30.73	47.13	59.87	74.00	-14.13	Peak
2	5464.372	10.59	32.90	30.71	46.72	59.50	68.20	-8.70	Peak
3 pp	5570.000	10.46	32.94	30.67	87.10	99.83	68.20	31.63	Peak
4	5743.121	10.76	33.29	30.60	46.20	59.65	68.20	-8.55	Peak

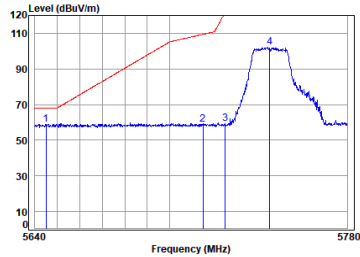
11ax_160M_Partial_RU996_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5570 Band edge
: 5G Wi-Fi 11AX160 RU996

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5449.103	10.60	32.90	30.72	34.61	47.39	54.00	-6.61	Average
2	5570.000	10.46	32.94	30.67	75.63	88.36	68.20	20.16	Average

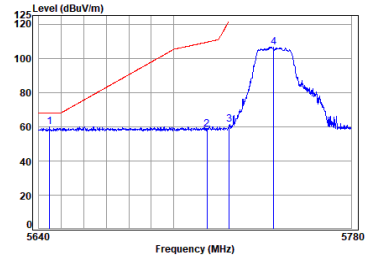
11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5644.980	10.48	33.09	30.64	46.15	59.08	68.20	-9.12	Peak
2	5715.000	10.63	33.23	30.61	45.51	58.76	109.40	-50.64	Peak
3	5725.000	10.68	33.25	30.61	46.10	59.42	122.20	-62.78	Peak
4	5745.000	10.77	33.29	30.60	88.52	101.98	-----	-----	Peak

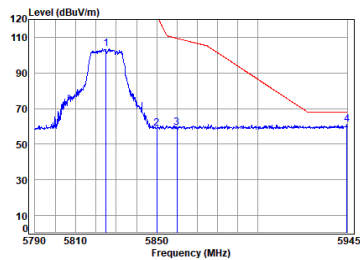
11a_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5644.704	10.48	33.09	30.64	46.92	59.85	68.20	-8.35	Peak
2	5715.000	10.63	33.23	30.61	45.29	58.54	109.40	-50.86	Peak
3	5725.000	10.68	33.25	30.61	47.93	61.25	122.20	-60.95	Peak
4	5745.000	10.77	33.29	30.60	93.10	106.56	-----	-----	Peak

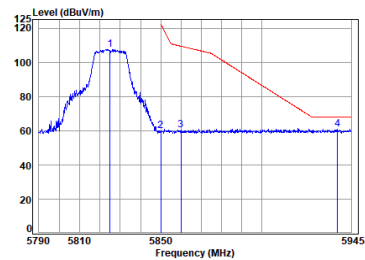
11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	89.52	103.44	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.07	59.06	122.20	-63.14	Peak
3	5860.000	10.94	33.58	30.56	45.44	59.40	109.40	-50.00	Peak
4	5944.843	10.85	33.59	30.52	47.04	60.96	68.20	-7.24	Peak

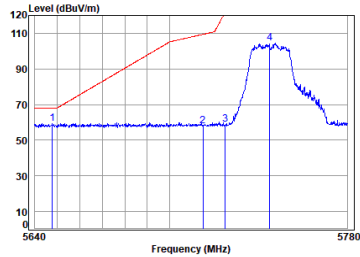
11a_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	93.61	107.53	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.76	59.75	122.20	-62.45	Peak
3	5860.000	10.94	33.58	30.56	46.55	60.51	109.40	-48.89	Peak
4	5938.094	10.86	33.58	30.52	47.03	60.95	68.20	-7.25	Peak

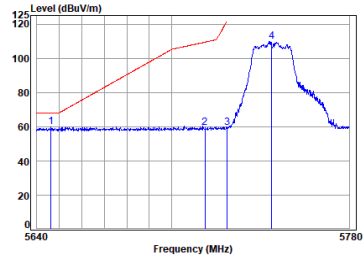
11ac_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5647.750	10.48	33.10	30.64	46.59	59.53	68.20	-8.67	Peak
2	5715.000	10.63	33.23	30.61	44.87	58.12	109.40	-51.28	Peak
3	5725.000	10.68	33.25	30.61	45.37	58.69	122.20	-63.51	Peak
4	5745.000	10.77	33.29	30.60	90.95	104.41	-----	-----	Peak

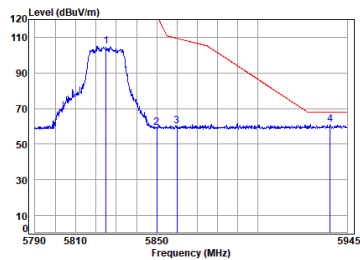
11ac_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5646.227	10.48	33.09	30.64	46.87	59.80	68.20	-8.40	Peak
2	5715.000	10.63	33.23	30.61	46.31	59.56	109.40	-49.84	Peak
3	5725.000	10.68	33.25	30.61	46.22	59.54	122.20	-62.66	Peak
4	5745.000	10.77	33.29	30.60	96.26	109.72	-----	-----	Peak

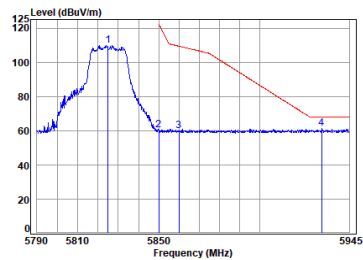
11ac_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	90.99	104.91	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.45	59.44	122.20	-62.76	Peak
3	5860.000	10.94	33.58	30.56	46.50	60.46	109.40	-48.94	Peak
4 pp	5936.525	10.86	33.57	30.53	47.16	61.06	68.20	-7.14	Peak

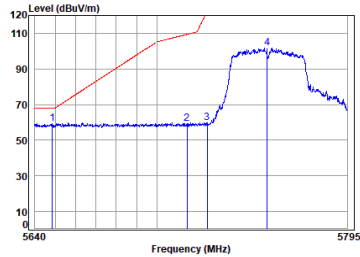
11ac_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	95.89	109.81	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	46.26	60.25	122.20	-61.95	Peak
3	5860.000	10.94	33.58	30.56	46.16	60.12	109.40	-49.28	Peak
4 pp	5931.195	10.86	33.56	30.53	47.42	61.31	68.20	-6.89	Peak

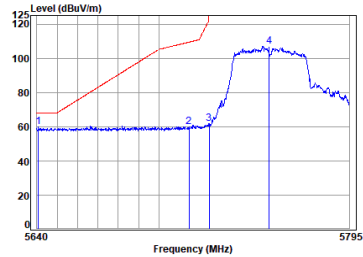
11ac_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5648.569	10.48	33.10	30.64	46.55	59.49	68.20	-8.71	Peak
2	5715.000	10.63	33.23	30.61	45.88	59.13	109.40	-50.27	Peak
3	5725.000	10.68	33.25	30.61	46.57	59.89	122.20	-62.31	Peak
4	5755.000	10.81	33.31	30.60	88.08	101.60	-----	-----	Peak

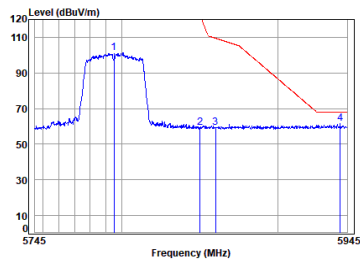
11ac_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5640.765	10.47	33.08	30.64	46.91	59.82	68.20	-8.38	Peak
2	5715.000	10.63	33.23	30.61	46.54	59.79	109.40	-49.61	Peak
3	5725.000	10.68	33.25	30.61	48.23	61.55	122.20	-60.65	Peak
4	5755.000	10.81	33.31	30.60	93.45	106.97	-----	-----	Peak

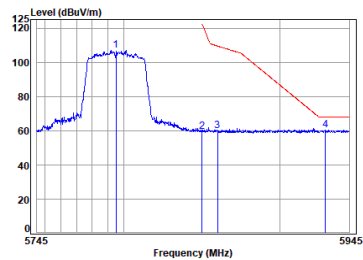
11ac_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	87.41	101.22	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.34	59.33	122.20	-62.87	Peak
3	5860.000	10.94	33.58	30.56	45.24	59.20	109.40	-50.20	Peak
4 pp	5940.323	10.86	33.58	30.52	47.78	61.70	68.20	-6.50	Peak

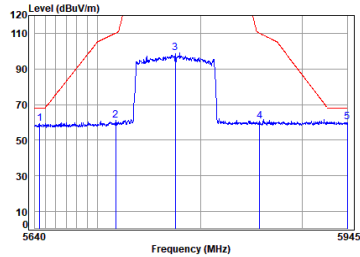
11ac_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	93.01	106.82	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.49	59.48	122.20	-62.72	Peak
3	5860.000	10.94	33.58	30.56	45.79	59.75	109.40	-49.65	Peak
4 pp	5929.559	10.87	33.56	30.53	46.58	60.48	68.20	-7.72	Peak

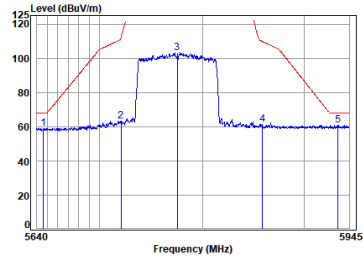
11ac_VHT(80M)_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5644.754	10.48	33.09	30.64	46.58	59.51	68.20	-8.69	Peak
2	5717.460	10.64	33.23	30.61	47.77	61.83	110.89	-49.06	Peak
3	5775.000	10.91	33.35	30.59	85.16	98.83	-----	-----	Peak
4	5857.975	10.94	33.58	30.56	46.63	60.59	109.97	-49.38	Peak
5 pp	5945.000	10.85	33.59	30.52	46.46	60.38	68.20	-7.82	Peak

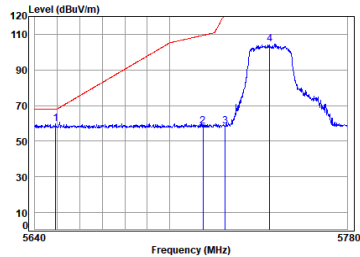
11ac_VHT(80M)_TX_CH_155_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5646.241	10.48	33.09	30.64	46.12	59.05	68.20	-9.15	Peak
2	5720.472	10.65	33.24	30.61	50.02	63.30	111.88	-48.58	Peak
3	5775.000	10.91	33.35	30.59	89.30	102.97	-----	-----	Peak
4	5858.592	10.94	33.58	30.56	47.34	61.30	109.79	-48.49	Peak
5 pp	5933.739	10.86	33.57	30.53	46.85	60.75	68.20	-7.45	Peak

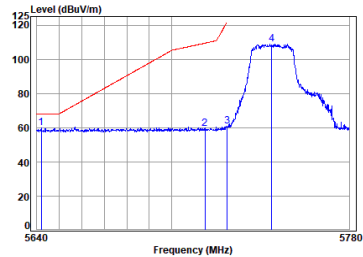
11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5649.135	10.48	33.10	30.64	46.61	59.55	68.20	-8.65	Peak
2	5715.000	10.63	33.23	30.61	45.14	58.39	109.40	-51.01	Peak
3	5725.000	10.68	33.25	30.61	45.25	58.57	122.20	-63.63	Peak
4	5745.000	10.77	33.29	30.60	90.98	104.44	-----	-----	Peak

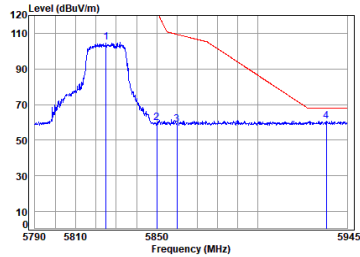
11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5641.937	10.47	33.08	30.64	47.12	60.03	68.20	-8.17	Peak
2	5715.000	10.63	33.23	30.61	46.31	59.56	109.40	-49.84	Peak
3	5725.000	10.68	33.25	30.61	47.42	60.74	122.20	-61.46	Peak
4	5745.000	10.77	33.29	30.60	95.60	109.06	-----	-----	Peak

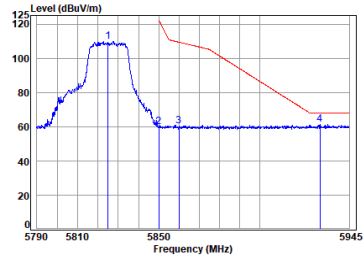
11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	91.14	105.06	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.85	59.84	122.20	-62.36	Peak
3	5860.000	10.94	33.58	30.56	45.06	59.02	109.40	-50.38	Peak
4 pp	5934.643	10.86	33.57	30.53	46.83	60.73	68.20	-7.47	Peak

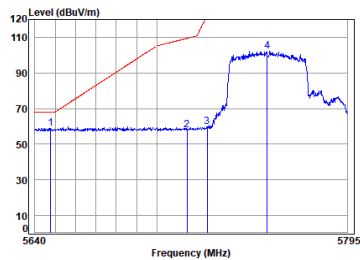
11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	96.08	110.00	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.92	59.91	122.20	-62.29	Peak
3	5860.000	10.94	33.58	30.56	46.25	60.21	109.40	-49.19	Peak
4 pp	5930.255	10.87	33.56	30.53	47.65	61.55	68.20	-6.65	Peak

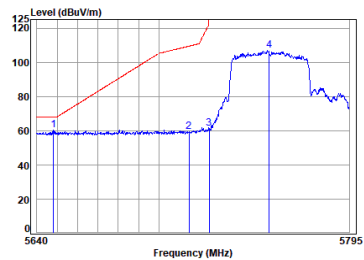
11ax_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5647.804	10.48	33.10	30.64	46.03	58.97	68.20	-9.23	Peak
2	5715.000	10.63	33.23	30.61	44.78	58.03	109.40	-51.37	Peak
3	5725.000	10.68	33.25	30.61	46.45	59.77	122.20	-62.43	Peak
4	5755.000	10.81	33.31	30.60	88.62	102.14	-----	-----	Peak

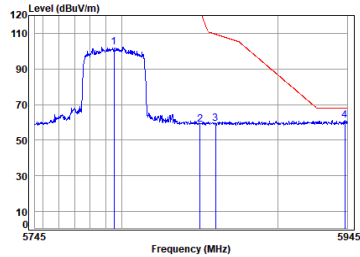
11ax_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5648.110	10.48	33.10	30.64	47.33	60.27	68.20	-7.93	Peak
2	5715.000	10.63	33.23	30.61	45.93	59.18	109.40	-50.22	Peak
3	5725.000	10.68	33.25	30.61	47.79	61.11	122.20	-61.09	Peak
4	5755.000	10.81	33.31	30.60	93.19	106.71	-----	-----	Peak

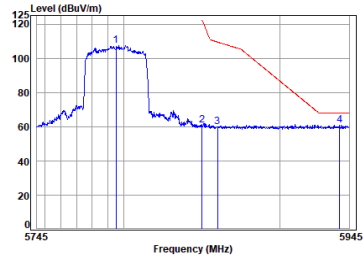
11ax_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	88.44	102.25	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.08	59.07	122.20	-63.13	Peak
3	5860.000	10.94	33.58	30.56	45.56	59.52	109.40	-49.88	Peak
4 pp	5943.373	10.86	33.59	30.52	47.11	61.04	68.20	-7.16	Peak

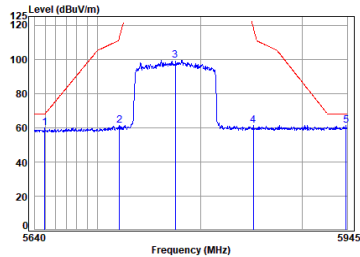
11ax_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	93.72	107.53	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	46.78	60.77	122.20	-61.43	Peak
3	5860.000	10.94	33.58	30.56	45.70	59.66	109.40	-49.74	Peak
4 pp	5938.697	10.86	33.58	30.52	47.09	61.01	68.20	-7.19	Peak

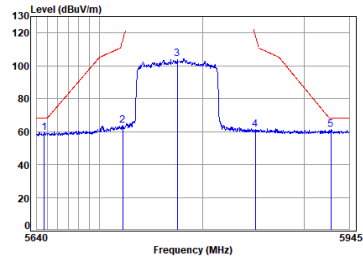
11ax_80M_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5649.513	10.48	33.10	30.64	46.86	59.00	68.20	-8.40	Peak
2	5721.075	10.66	33.24	30.61	47.82	61.11	113.25	-52.14	Peak
3	5775.000	10.91	33.35	30.59	85.73	99.40	-----	-----	Peak
4	5851.000	10.95	33.60	30.56	47.25	61.24	118.08	-56.84	Peak
5 pp	5943.748	10.85	33.59	30.52	47.18	61.10	68.20	-7.10	Peak

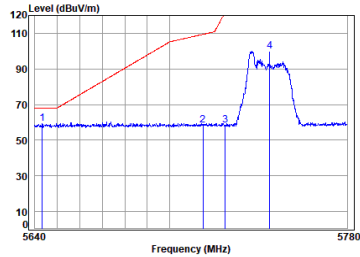
11ax_80M_TX_CH_155_Vertical



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5647.133	10.48	33.09	30.64	46.57	59.50	68.20	-8.70	Peak
2	5722.280	10.66	33.24	30.61	50.31	63.60	116.00	-52.40	Peak
3	5775.000	10.91	33.35	30.59	90.63	104.30	-----	-----	Peak
4	5851.500	10.95	33.60	30.56	47.20	61.19	118.78	-57.59	Peak
5 pp	5926.556	10.87	33.55	30.53	47.49	61.38	68.20	-6.82	Peak

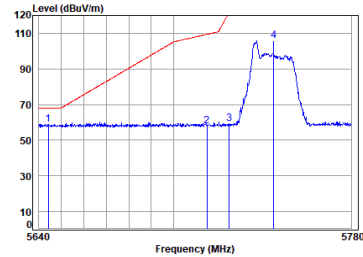
11ax_20M_Partial_RU26_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5643.320	10.48	33.09	30.64	46.60	59.53	68.20	-8.67	Peak
2	5715.000	10.63	33.23	30.61	45.26	58.51	109.40	-50.89	Peak
3	5725.000	10.68	33.25	30.61	45.15	58.47	122.20	-63.73	Peak
4	5745.000	10.77	33.29	30.60	86.51	99.97	-----	-----	Peak

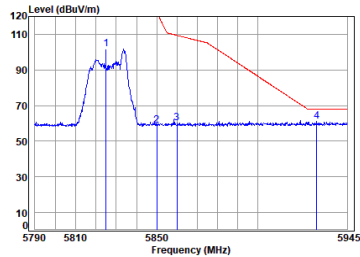
11ax_20M_Partial_RU26_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5644.150	10.48	33.09	30.64	45.88	58.81	68.20	-9.39	Peak
2	5715.000	10.63	33.23	30.61	44.66	57.91	109.40	-51.49	Peak
3	5725.000	10.68	33.25	30.61	45.91	59.23	122.20	-62.97	Peak
4	5745.000	10.77	33.29	30.60	92.20	105.66	-----	-----	Peak

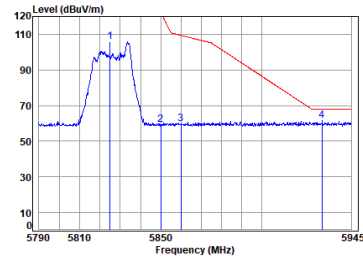
11ax_20M_Partial_RU26_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	87.88	101.80	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	44.83	58.82	122.20	-63.38	Peak
3	5860.000	10.94	33.58	30.56	46.09	60.05	109.40	-49.35	Peak
4 pp	5929.785	10.87	33.56	30.53	47.42	61.32	68.20	-6.88	Peak

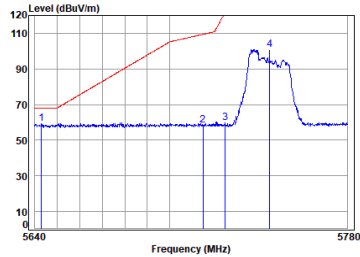
11ax_20M_Partial_RU26_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU26

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	91.90	105.82	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.14	59.13	122.20	-63.07	Peak
3	5860.000	10.94	33.58	30.56	45.65	59.61	109.40	-49.79	Peak
4 pp	5930.412	10.87	33.56	30.53	47.56	61.46	68.20	-6.74	Peak

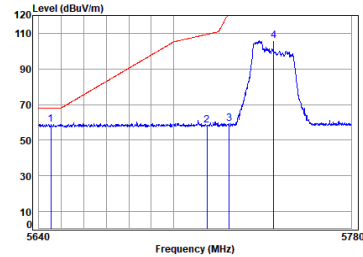
11ax_20M_Partial_RU52_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5642.905	10.47	33.09	30.64	46.41	59.33	68.20	-8.87	Peak
2	5715.000	10.63	33.23	30.61	45.25	58.50	109.40	-50.90	Peak
3	5725.000	10.68	33.25	30.61	46.47	59.79	122.20	-62.41	Peak
4	5745.000	10.77	33.29	30.60	87.58	101.04	-----	-----	Peak

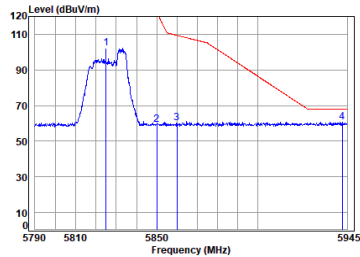
11ax_20M_Partial_RU52_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5645.396	10.48	33.09	30.64	46.04	58.97	68.20	-9.23	Peak
2	5715.000	10.63	33.23	30.61	45.10	58.35	109.40	-51.05	Peak
3	5725.000	10.68	33.25	30.61	45.79	59.11	122.20	-63.09	Peak
4	5745.000	10.77	33.29	30.60	92.32	105.78	-----	-----	Peak

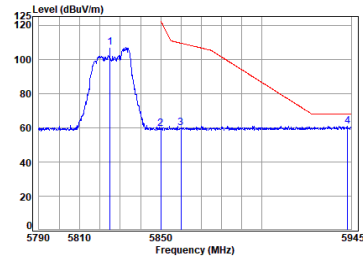
11ax_20M_Partial_RU52_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	88.16	102.08	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.22	59.21	122.20	-62.99	Peak
3	5860.000	10.94	33.58	30.56	46.12	60.08	109.40	-49.32	Peak
4	5942.645	10.86	33.59	30.52	46.95	60.88	68.20	-7.32	Peak

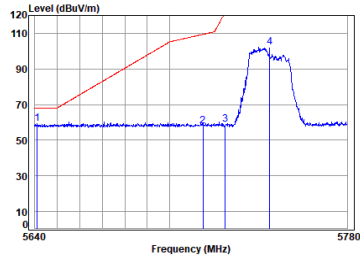
11ax_20M_Partial_RU52_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU52

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	92.99	106.91	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.24	59.23	122.20	-62.97	Peak
3	5860.000	10.94	33.58	30.56	46.13	60.09	109.40	-49.31	Peak
4	5943.116	10.86	33.59	30.52	46.89	60.82	68.20	-7.38	Peak

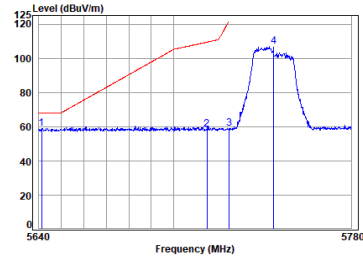
11ax_20M_Partial_RU106_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5641.106	10.47	33.08	30.64	46.18	59.09	68.20	-9.11	Peak
2	5715.000	10.63	33.23	30.61	44.73	57.98	109.40	-51.42	Peak
3	5725.000	10.68	33.25	30.61	45.63	58.95	122.20	-63.25	Peak
4	5745.000	10.77	33.29	30.60	88.78	102.24	-----	-----	Peak

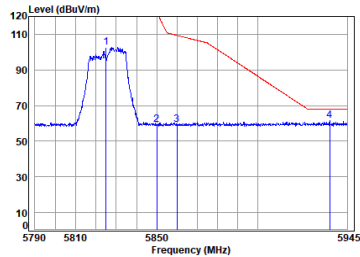
11ax_20M_Partial_RU106_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5641.245	10.47	33.08	30.64	45.99	58.90	68.20	-9.30	Peak
2	5715.000	10.63	33.23	30.61	45.23	58.48	109.40	-50.92	Peak
3	5725.000	10.68	33.25	30.61	45.79	59.11	122.20	-63.09	Peak
4	5745.000	10.77	33.29	30.60	93.48	106.94	-----	-----	Peak

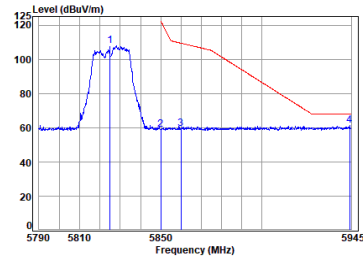
11ax_20M_Partial_RU106_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	88.81	102.73	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.46	59.45	122.20	-62.75	Peak
3	5860.000	10.94	33.58	30.56	45.50	59.46	109.40	-49.94	Peak
4	5936.211	10.86	33.57	30.53	47.69	61.59	68.20	-6.61	Peak

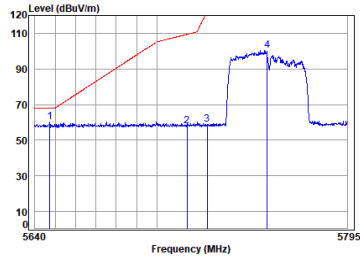
11ax_20M_Partial_RU106_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU106

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	93.86	107.78	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.04	59.03	122.20	-63.17	Peak
3	5860.000	10.94	33.58	30.56	45.64	59.60	109.40	-49.80	Peak
4	5944.215	10.85	33.59	30.52	47.18	61.10	68.20	-7.10	Peak

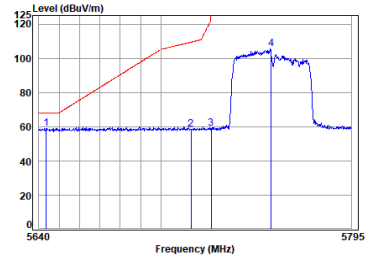
11ax_40M_Partial_RU242_TX_CH_151_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5647.344	10.48	33.09	30.64	47.10	60.03	68.20	-8.17	Peak
2	5715.000	10.63	33.23	30.61	44.70	57.95	109.40	-51.45	Peak
3	5725.000	10.68	33.25	30.61	45.51	58.83	122.20	-63.37	Peak
4	5755.000	10.81	33.31	30.60	86.93	100.45	-----	-----	Peak

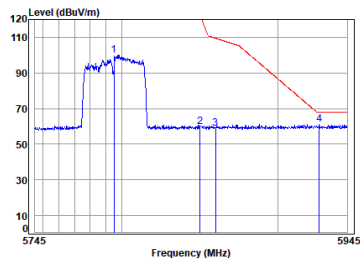
11ax_40M_Partial_RU242_TX_CH_151_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5643.518	10.48	33.09	30.64	46.00	58.93	68.20	-9.27	Peak
2	5715.000	10.63	33.23	30.61	45.31	58.56	109.40	-50.84	Peak
3	5725.000	10.68	33.25	30.61	45.69	59.01	122.20	-63.19	Peak
4	5755.000	10.81	33.31	30.60	91.76	105.28	-----	-----	Peak

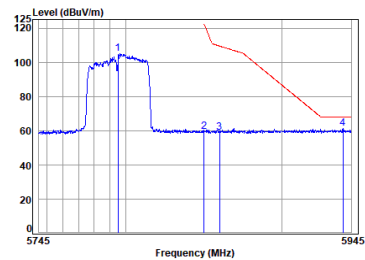
11ax_40M_Partial_RU242_TX_CH_159_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	86.34	100.15	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.84	59.83	122.20	-62.37	Peak
3	5860.000	10.94	33.58	30.56	45.12	59.08	109.40	-50.32	Peak
4 pp	5926.921	10.87	33.55	30.53	47.35	61.24	68.20	-6.96	Peak

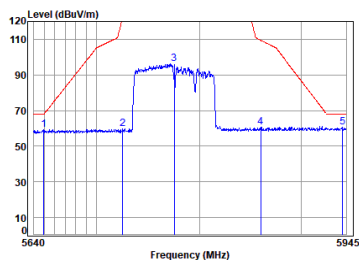
11ax_40M_Partial_RU242_TX_CH_159_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40 RU242

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	91.43	105.24	-----	-----	Peak
2	5850.000	10.95	33.60	30.56	45.29	59.28	122.20	-62.92	Peak
3	5860.000	10.94	33.58	30.56	45.08	59.04	109.40	-50.36	Peak
4 pp	5939.510	10.86	33.58	30.52	47.33	61.25	68.20	-6.95	Peak

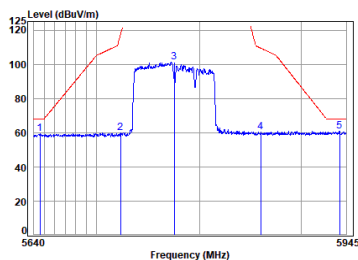
11ax_80M_Partial_RU484_TX_CH_155_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB			dB	dBuV	dBuV/m	dB	
1	5649.513	10.48	33.10	30.64	46.30	59.24	68.20	-8.96 Peak
2	5724.993	10.68	33.25	30.61	46.36	59.68	122.18	-62.50 Peak
3	5775.000	10.91	33.35	30.59	82.39	96.06	-----	----- Peak
4	5859.826	10.94	33.58	30.56	46.74	60.70	109.45	-48.75 Peak
5 pp	5941.244	10.86	33.58	30.52	46.61	60.53	68.20	-7.67 Peak

11ax_80M_Partial_RU484_TX_CH_155_Vertical-Peak



Condition: 3m VERTICAL
Job No : 05363TL/05364TL
Mode : 5775 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB			dB	dBuV	dBuV/m	dB	
1	5645.646	10.48	33.09	30.64	46.44	59.37	68.20	-8.83 Peak
2	5722.883	10.67	33.25	30.61	46.41	59.72	117.37	-57.65 Peak
3	5775.000	10.91	33.35	30.59	87.38	101.05	-----	----- Peak
4	5860.135	10.94	33.58	30.56	46.36	60.32	109.36	-49.04 Peak
5 pp	5938.429	10.86	33.58	30.52	46.77	60.69	68.20	-7.51 Peak

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 132 of 603

7.5 Duty Cycle

Test Requirement: ANSI C63.10 (2013) Section 12.2
 Test Method: ANSI C63.10 (2020) Section 12.2
 Test Engineer: Mingli Hu

7.5.1 E.U.T. Operation

Operating Environment:
 Temperature: 25.6 °C Humidity: 54.4 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



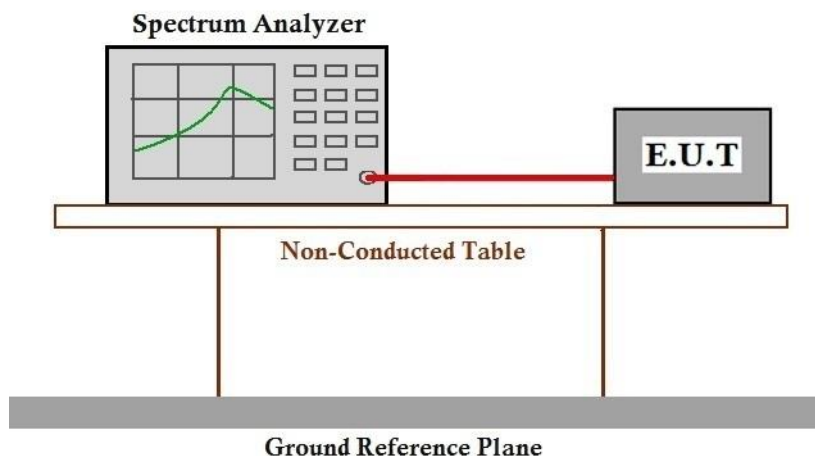
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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 Technology Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 134 of 603

7.6 99% Bandwidth

Test Requirement ANSI C63.10 (2013) Section 12.4.2
Test Method: ANSI C63.10 (2020) Section 12.5.3
Test Engineer: Mingli Hu

7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 25.6 °C Humidity: 54.4 % RH Atmospheric Pressure: 1020 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



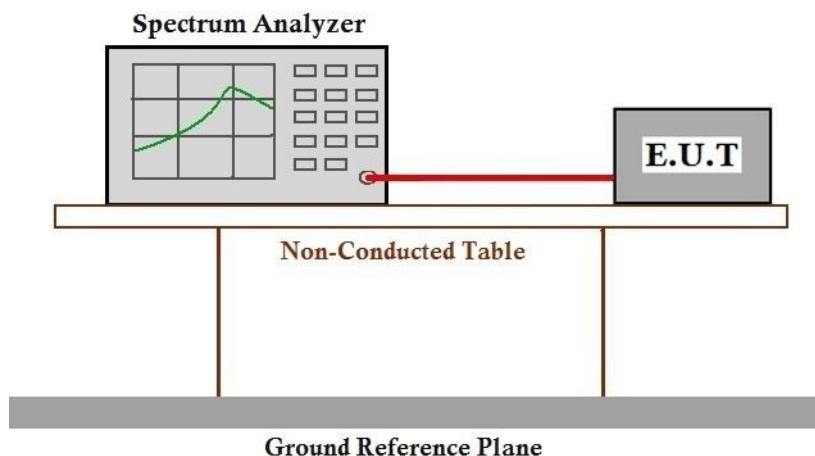
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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 Inspection & Testing Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 136 of 603

7.7 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.5.2

Test Engineer: Mingli Hu

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C

Humidity: 54.4 % RH

Atmospheric Pressure: 1020 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



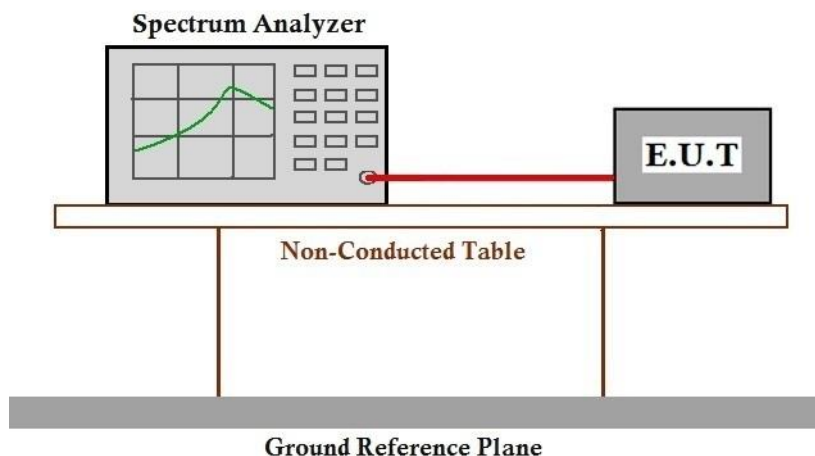
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10 (2020) Section 12.5.1

Test Engineer: Mingli Hu

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C

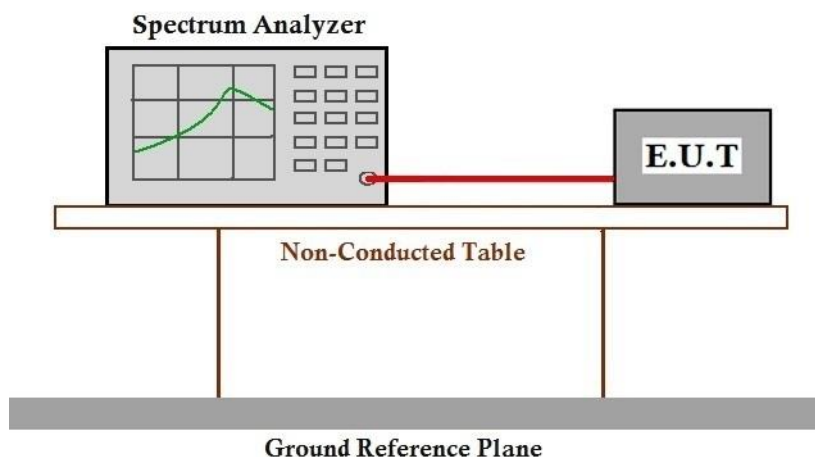
Humidity: 54.4 % RH

Atmospheric Pressure: 1020 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区W-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 139 of 603

7.9 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.4

Test Engineer: Mingli Hu

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C

Humidity: 54.4 % RH

Atmospheric Pressure: 1020 mbar



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

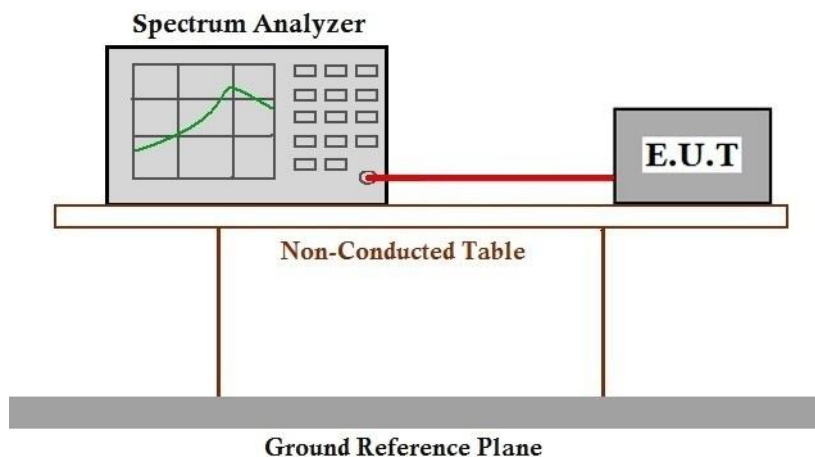
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

Please Refer to Appendix for Details



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.10 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.6

Test Engineer: Mingli Hu

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C

Humidity: 54.4 % RH

Atmospheric Pressure: 1020 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

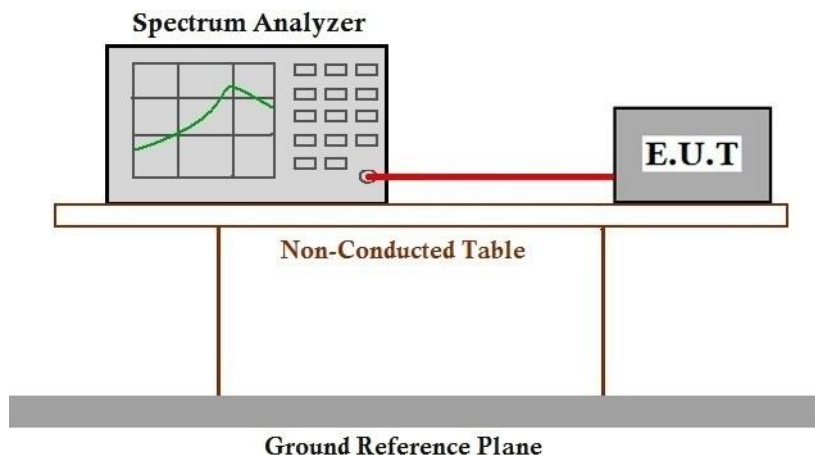


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 143 of 603

7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2020) Section 6.8

Test Engineer: Mingli Hu

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C

Humidity: 54.4 % RH

Atmospheric Pressure: 1020 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



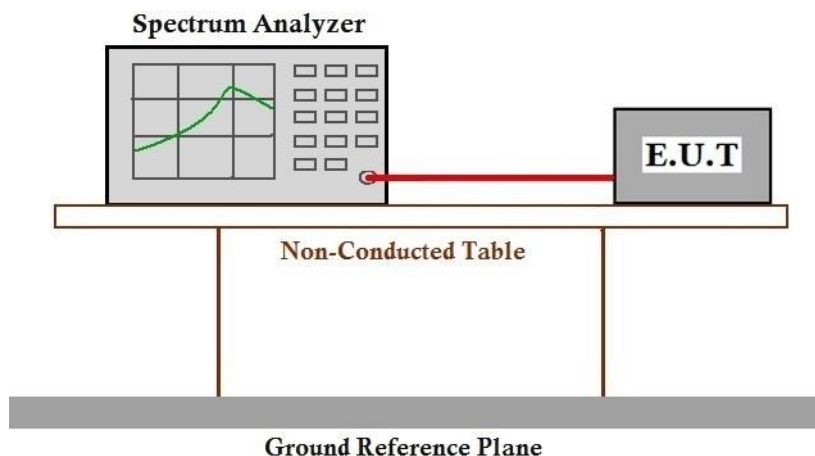
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11.5 Measurement Procedure and Data

1. Set up the DFS timing monitoring equipment and Set up the overall system for either radiated or conducted coupling to the UUT.

Adjust the equipment to produce a single Burst of any one of the Short Pulse Radar Types 0 - 4 at the center frequency of the UUT Operating Channel at the specified DFS Detection Threshold level.

Set the UUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.

2. Generate a single radar Burst, and note the response of the UUT. Repeat for a minimum of 10 trials. The UUT must detect the Radar Waveform within the DFS band using the specified U-NII Detection Bandwidth criterion.

3. Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

4. Starting at the center frequency of the UUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

5. The U-NII Detection Bandwidth is calculated as follows:

U-NII Detection Bandwidth = FH - FL

The U-NII Detection Bandwidth must meet the U-NII Detection Bandwidth criterion. Otherwise, the UUT does not comply with DFS requirements. This is essential to ensure that the UUT is capable of detecting Radar Waveforms across the same frequency spectrum that contains the significant energy from the system. In the case that the U-NII Detection Bandwidth is greater than or equal to the 99 percent power bandwidth for the measured FH and FL, the test can be truncated and the U-NII Detection Bandwidth can be reported as the measured FH and FL.

Please Refer to Appendix for Details



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 146 of 603

7.12 Transmitter Power Control

Test Requirement 47 CFR Part 15, Subpart E 15.407 (h)(1)
 Test Method: ANSI C63.10 (2020) Section 12.4
 Test Engineer: Mingli Hu

Limit:

Able to lower EIRP below 24dBm when Max_EIRP $\geq$ 500 mW (27 dBm).

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 25.6 °C Humidity: 54.4 % RH Atmospheric Pressure: 1020 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



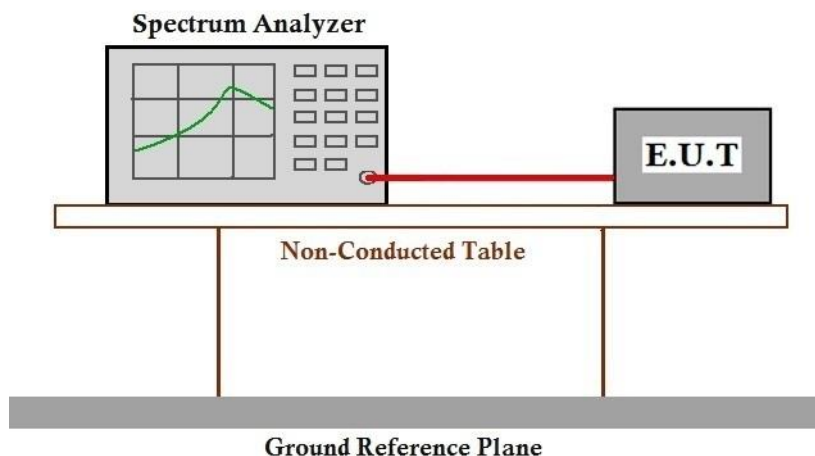
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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 Inspection Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2512005363TL

9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2512005363TL



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.396	1.452	96.14	0.17	0.03
		5200	/	/	1.396	1.452	96.14	0.17	0.03
		5240	/	/	1.396	1.453	96.08	0.17	0.00
		5260	/	/	1.396	1.452	96.14	0.17	0.04
		5300	/	/	1.396	1.452	96.14	0.17	0.00
		5320	/	/	1.396	1.453	96.08	0.17	0.03
		5500	/	/	1.397	1.453	96.15	0.17	0.03
		5580	/	/	1.396	1.453	96.08	0.17	0.07
		5700	/	/	1.396	1.453	96.08	0.17	0.03
		5745	/	/	1.396	1.453	96.08	0.17	0.03
		5785	/	/	1.396	1.452	96.14	0.17	0.04
		5825	/	/	1.396	1.453	96.08	0.17	0.03
802.11n (HT20)	MIMO	5180	/	/	1.308	1.364	95.89	0.18	0.03
		5200	/	/	1.308	1.365	95.82	0.19	0.03
		5240	/	/	1.309	1.366	95.83	0.19	0.03
		5260	/	/	1.308	1.364	95.89	0.18	0.03
		5300	/	/	1.309	1.365	95.90	0.18	0.04
		5320	/	/	1.308	1.365	95.82	0.19	0.03
		5500	/	/	1.308	1.365	95.82	0.19	0.07
		5580	/	/	1.308	1.364	95.89	0.18	0.03
		5700	/	/	1.308	1.364	95.89	0.18	0.03
		5745	/	/	1.308	1.365	95.82	0.19	0.03
		5785	/	/	1.308	1.364	95.89	0.18	0.03
		5825	/	/	1.309	1.365	95.90	0.18	0.03
802.11n (HT40)	MIMO	5190	/	/	0.648	0.705	91.91	0.37	0.03
		5230	/	/	0.648	0.705	91.91	0.37	0.03



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 150 of 603

		5270	/	/	0.648	0.705	91.91	0.37	0.07
		5310	/	/	0.649	0.705	92.06	0.36	0.07
		5510	/	/	0.649	0.705	92.06	0.36	0.06
		5550	/	/	0.648	0.705	91.91	0.37	0.03
		5670	/	/	0.648	0.705	91.91	0.37	0.03
		5755	/	/	0.648	0.705	91.91	0.37	0.10
		5795	/	/	0.648	0.705	91.91	0.37	0.03
802.11ac (VHT20)	MIMO	5180	/	/	0.483	0.537	89.94	0.46	0.06
		5200	/	/	0.480	0.537	89.39	0.49	0.06
		5240	/	/	0.481	0.538	89.41	0.49	0.06
		5260	/	/	0.483	0.537	89.94	0.46	0.08
		5300	/	/	0.481	0.537	89.57	0.48	0.03
		5320	/	/	0.483	0.537	89.94	0.46	0.12
		5500	/	/	0.480	0.537	89.39	0.49	0.06
		5580	/	/	0.481	0.537	89.57	0.48	0.03
		5700	/	/	0.483	0.536	90.11	0.45	0.03
		5745	/	/	0.480	0.537	89.39	0.49	0.06
		5785	/	/	0.480	0.537	89.39	0.49	0.06
		5825	/	/	0.483	0.537	89.94	0.46	0.06
802.11ac (VHT40)	MIMO	5190	/	/	0.260	0.317	82.02	0.86	0.06
		5230	/	/	0.260	0.317	82.02	0.86	0.07
		5270	/	/	0.260	0.317	82.02	0.86	0.09
		5310	/	/	0.260	0.317	82.02	0.86	0.06
		5510	/	/	0.263	0.317	82.97	0.81	0.10
		5550	/	/	0.263	0.317	82.97	0.81	0.10
		5670	/	/	0.261	0.317	82.33	0.84	0.09
		5755	/	/	0.261	0.317	82.33	0.84	0.09
		5795	/	/	0.261	0.317	82.33	0.84	0.04
802.11ac (VHT80)	MIMO	5210	/	/	0.149	0.205	72.68	1.39	0.10
		5290	/	/	0.148	0.205	72.20	1.41	0.12
		5530	/	/	0.151	0.205	73.66	1.33	0.13
		5610	/	/	0.148	0.205	72.20	1.41	0.09
		5775	/	/	0.149	0.205	72.68	1.39	0.13
802.11ac (VHT160)	MIMO	5570	/	/	0.100	0.150	66.67	1.76	0.16
		5250	/	/	0.100	0.150	66.67	1.76	0.18
802.11ax (HEW20)	MIMO	5180	RU242	Left	0.429	0.486	88.27	0.54	0.07
		5200	RU242	Left	0.429	0.485	88.45	0.53	0.03
		5240	RU242	Left	0.431	0.485	88.87	0.51	0.07
		5260	RU242	Left	0.430	0.485	88.66	0.52	0.03
		5300	RU242	Left	0.429	0.486	88.27	0.54	0.07



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251200536303

Page: 151 of 603

		5320	RU242	Left	0.432	0.486	88.89	0.51	0.07
		5500	RU242	Left	0.429	0.486	88.27	0.54	0.07
		5580	RU242	Left	0.429	0.486	88.27	0.54	0.06
		5700	RU242	Left	0.429	0.486	88.27	0.54	0.07
		5745	RU242	Left	0.430	0.486	88.48	0.53	0.10
		5785	RU242	Left	0.432	0.486	88.89	0.51	0.13
		5825	RU242	Left	0.430	0.486	88.48	0.53	0.06
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.428	0.482	88.80	0.52	0.10
		5230	RU484	Left	0.427	0.482	88.59	0.53	0.07
		5270	RU484	Left	0.425	0.482	88.17	0.55	0.07
		5310	RU484	Left	0.426	0.481	88.57	0.53	0.04
		5510	RU484	Left	0.425	0.482	88.17	0.55	0.03
		5550	RU484	Left	0.426	0.482	88.38	0.54	0.07
		5670	RU484	Left	0.425	0.482	88.17	0.55	0.07
		5755	RU484	Left	0.426	0.482	88.38	0.54	0.10
		5795	RU484	Left	0.425	0.482	88.17	0.55	0.10
802.11ax (HEW80)	MIMO	5210	RU996	Left	0.414	0.468	88.46	0.53	0.07
		5290	RU996	Left	0.412	0.468	88.03	0.55	0.07
		5530	RU996	Left	0.414	0.468	88.46	0.53	0.10
		5610	RU996	Left	0.412	0.469	87.85	0.56	0.04
		5775	RU996	Left	0.414	0.469	88.27	0.54	0.11
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	0.411	0.462	88.96	0.51	0.07
		5250	2xRU996	Left	0.411	0.462	88.96	0.51	0.11



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

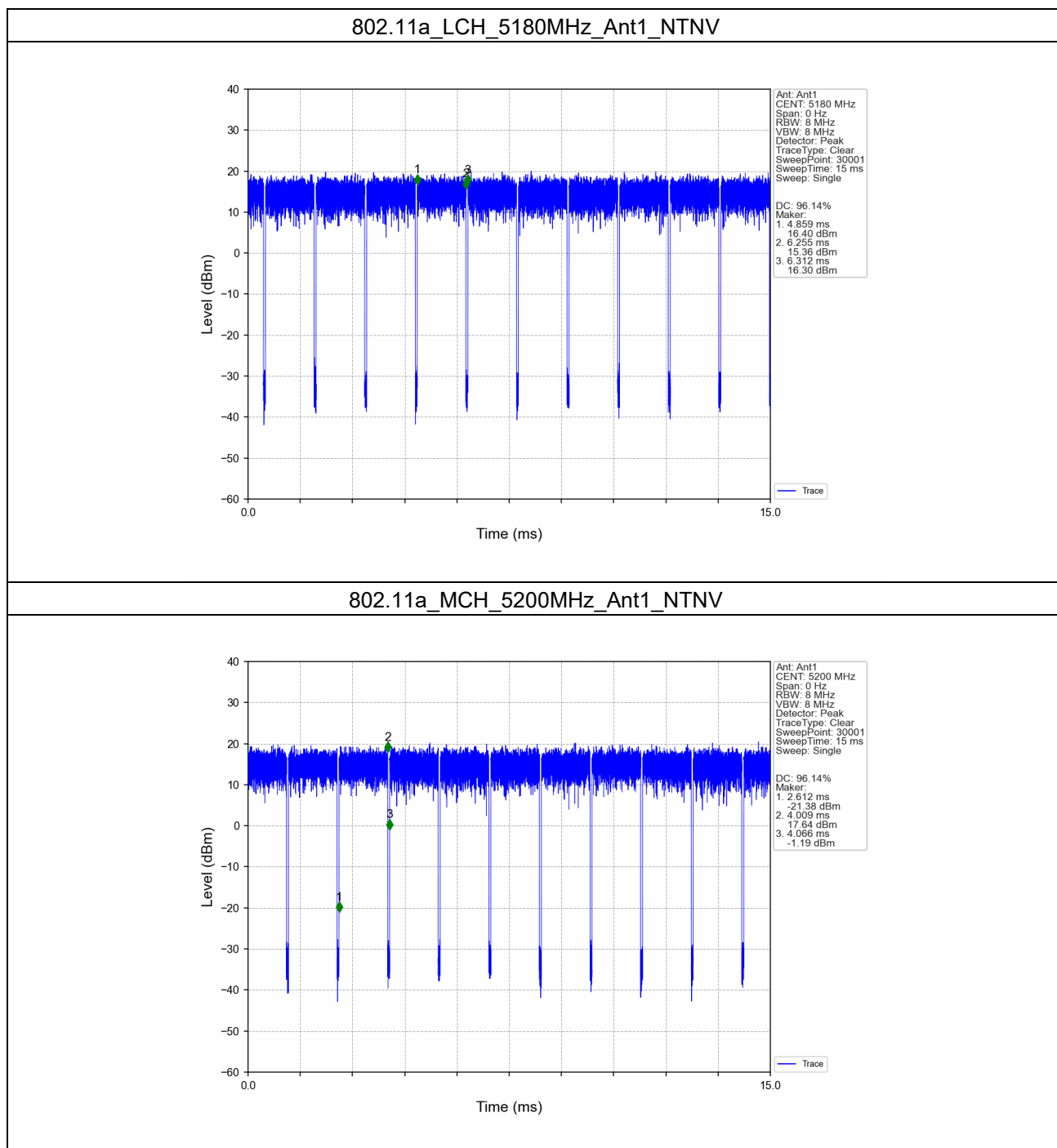
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.2 Test Graph

1.2.1 Ant1



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com