

TEST REPORT**Application No.:**

SZCR2505001803AT

Applicant:

DT Research, Inc.

Address of Applicant:

3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan

Manufacturer:

DT Research, Inc.

Address of Manufacturer:

2000 Concourse Drive, San Jose, CA 95131, USA

Factory:

DT Research, Inc. Taiwan Branch

Address of Factory:

6F., No.36 Wuquan 7th Rd., Wugu Dist. New Taipei City 248 Taiwan

Equipment Under Test (EUT):

Rugged Tablet

EUT Name:

DT323xxxx (x=0-9, A-Z, - or null, or ., or /), 323PA/MDxxxx (x=0-9,A-Z, - or null, or ., or /) ♣

* Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.**Trade Mark:****FCC ID:**

YE3600-BE200NG

Standard(s) :

47 CFR Part 15, Subpart E 15.407

Date of Receipt:

2025-05-08

Date of Test:

2025-05-09 to 2025-05-27

Date of Issue:

2025-05-31

Test Result:

Pass*

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

Keny Xu

EMC Laboratory Manager

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

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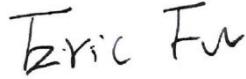
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500180306

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-05-31		Original

Authorized for issue by:			
	 Edison Li/Project Engineer		
	 Eric Fu/Reviewer		

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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 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2013) 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 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Contention Based Protocol		KDB 987594 D02 v02r01	47 CFR Part 15, Subpart E 15.407 (d)	Pass*
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

Remark:

Model No.: DT323xxxx (x=0-9, A-Z, - or null, or ., or /), 323PA/MDxxxx (x=0-9,A-Z, - or null, or ., or /)

Only the model DT323PA was tested, since according to the declaration from the applicant, the electrical circuit design, PCB layout, components used and internal wiring and functions were identical for the above models, with only difference on model No., appearance and color.

This report is prepared for FCC class II permissive change to install the granted module(FCC ID: YE3600-BE200NG, Granted on 05/23/2025) into a host product and also change the antenna gains.

Therefore in this report Conducted Emissions at AC Power Line (150kHz-30MHz), Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions were fully retested on model DT323PA and shown the data in this report.

*: the Contention Based Protocol test is only apply for 6G WiFi function.

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4 General Information**4.1 Details of E.U.T.**

Power supply:	AC Adapter Model: A18-065N3A Input: AC 100-240V, 50/60Hz, 1.7A Output: DC 19.0V, 3.42A, 65.0W Rechargeable lithium-Ion polymer Battery1 Model: ACC-006-29(3ICP6/36/115) Rated Capacity: 3800mAh Voltage: 11.4VDC Watt-Hour: 43.32Wh Max Charge Voltage:13.05V Rechargeable lithium-Ion polymer Battery2 Model: PT352044-2S(2ICP4/20/44) Rated Capacity: 250mAh Voltage: 7.4VDC Watt-Hour: 1.85Wh			
Cable(s):	DC cable:175cm with a ferrite core			
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
UNII Band I	802.11a/n/ax/be(HT20)	5180-5240	4	
	802.11n/ax/be(HT40)	5190-5230	2	
	802.11ac/ax/be(HT80)	5210	1	
	802.11ac/ax/be(HT160)	5250	1	
UNII Band II-A	802.11a/n/ax/be(HT20)	5260-5320	4	
	802.11n/ax/be(HT40)	5270-5310	2	
	802.11ac/ax/be(HT80)	5290	1	
UNII Band II-C	802.11a/n/ax/be(HT20)	5500-5720	12	
	802.11n/ax/be(HT40)	5510-5710	6	
	802.11ac/ax/be(HT80)	5530-5690	3	
	802.11ac/ax/be(HT160)	5570	1	
UNII Band III	802.11a/n/ax/be(HT20)	5745-5825	5	
	802.11n/ax/be(HT40)	5755-5795	2	
	802.11ac/ax/be(HT80)	5775	1	
UNII Band 5	802.11ax/be(20MHz)	5955-6415	24	
	802.11ax/be(40MHz)	5965-6405	12	
	802.11ax/be(80MHz)	5985-6385	6	
	802.11ax/be(160MHz)	6025-6345	3	
	802.11ax/be(320MHz)	6105-6265	2	

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	UNII Band 6	802.11ax/be(20MHz)	6435-6515	5
		802.11ax/be(40MHz)	6445-6485	2
		802.11ax/be(80MHz)	6465-6545	2
		802.11ax/be(160MHz)	6505	1
		802.11ax/be(320MHz)	6425-6585	2
	UNII Band 7	802.11ax/be(20MHz)	6535-6855	17
		802.11ax/be(40MHz)	6525-6845	9
		802.11ax/be(80MHz)	6625-6785	3
		802.11ax/be(160MHz)	6665-6825	2
		802.11ax/be(320MHz)	6745	1
	UNII Band 8	802.11ax/be(20MHz)	6875-7115	13
		802.11ax/be(40MHz)	6885-7085	6
		802.11ax/be(80MHz)	6865-7025	3
		802.11ax/be(160MHz)	6985	1
		802.11ax/be(320MHz)	6905	1
Modulation Type:	802.11a: OFDM(QPSK, BPSK, 16QAM, 64QAM) 802.11n: OFDM(QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM(QPSK, BPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDMA(QPSK, BPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA(QPSK, BPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)			
DFS Function:	Slave without radar detection			
TPC Function:	Not support			
Antenna Type:	PIFA Antenna			
Antenna Gain:	Antenna1: 3.36dBi, Antenna2: 3.21dBi @5180MHz~5825MHz Antenna1: 1.93dBi, Antenna2: 3.41dBi @5955MHz~7115MHz Note: MIMO for 802.11n/ac/ax			

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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--

The EUT has been tested as an independent unit.

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4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.2dB
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz);± 4.8dB (18-40GHz)

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{cispr/ETSI}$ (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.



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4.4 Test Location

All tests were performed at:

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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

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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	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2025-03-19	2026-03-18
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

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	2025-01-07	2026-01-06
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2025-01-07	2026-01-06
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
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	2024-07-24	2025-07-23

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Radiated Emissions (Below 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2023-11-20	2025-11-19
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2024-07-06	2025-07-05

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	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
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	2024-07-24	2025-07-23

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DFS					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-03	2026-03-02
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-03	2026-03-02
Measurement Software	KEYSIGHT	Signal Studio for DFS Radar Profiles V2.2.0.0	N/A	N/A	N/A
Measurement Software	Agilent	ISMonitor10	N/A	N/A	N/A
MXG Vector Signal Generator	Agilent	N5182A	SEM006-21	2025-03-03	2026-03-02
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2025-03-04	2026-03-03

CBP					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-03	2026-03-02
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-03	2026-03-02
Measurement Software	KEYSIGHT	Signal Studio for DFS Radar Profiles V2.2.0.0	N/A	N/A	N/A
MXG Vector Signal Generator	Agilent	N5182A	SEM006-21	2025-03-03	2026-03-02
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2025-03-04	2026-03-03

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2024-07-24	2025-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24	2025-07-23
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02

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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

Standard 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 antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an 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 connector is a IPEX type that comply with Part15.203, the best case gain of the Antenna1: 3.36dBi, Antenna2: 3.21dBi @5180MHz~5825MHz, Antenna1: 1.93dBi, Antenna2: 3.41dBi @5955MHz~7115MHz.

Antenna location: Refer to internal photo.

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

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.

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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 (2013) Section 6.2

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	17	Charge + TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	19	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	21	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.

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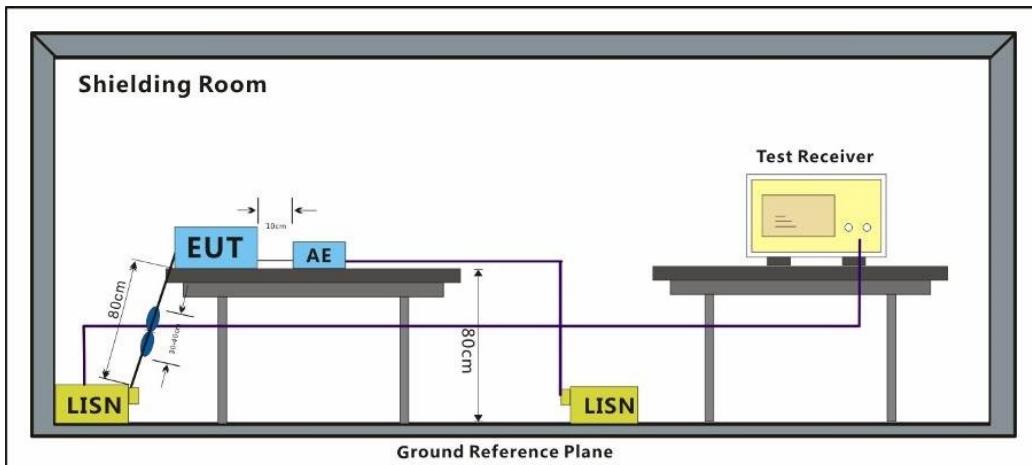
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Pre-scan	23	Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	25	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	27	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	29	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	31	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



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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

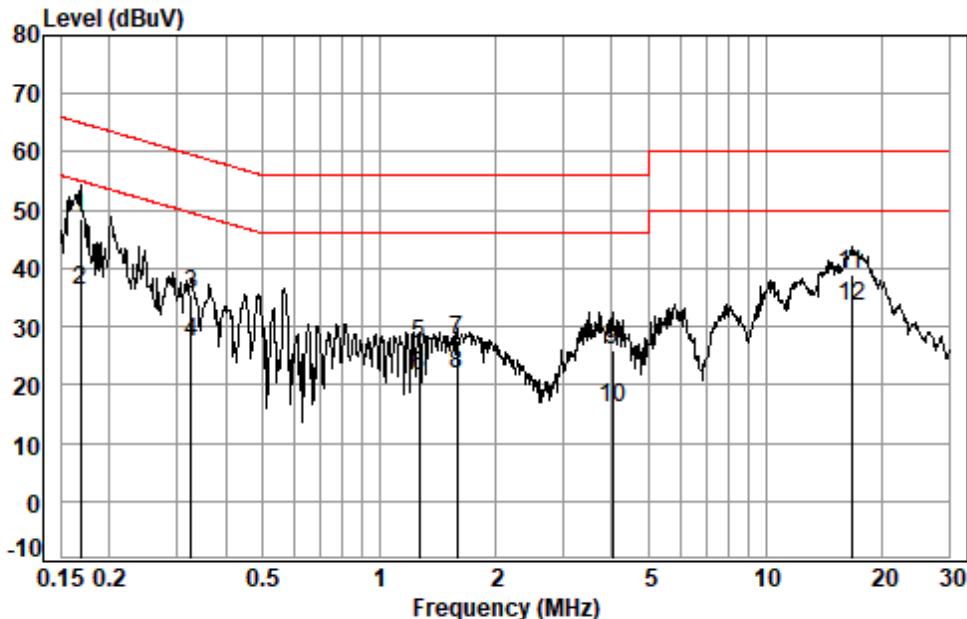
Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

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Test Mode: 17; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 01803AT

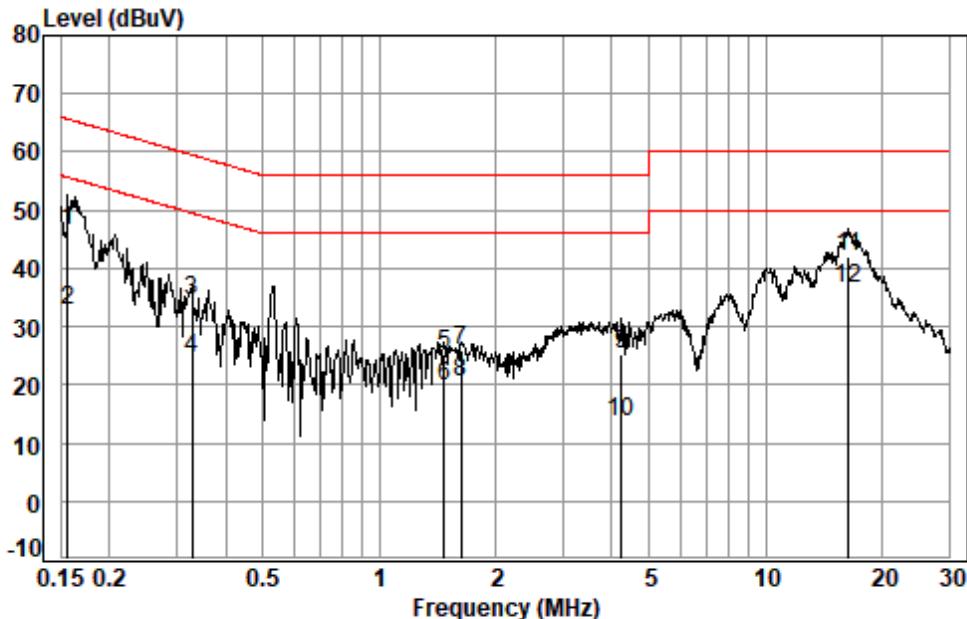
Test mode: 17

Freq	Cable	LISN	Read	Limit		Over	Remark
	Loss	Factor	Level	Level	Line	Limit	
	MHz	dB	dB	dBuV	dBuV	dB	
1 *	0.1685	0.06	10.16	38.42	48.64	65.03	-16.39 QP
2	0.1685	0.06	10.16	25.99	36.21	55.03	-18.82 Average
3	0.3251	0.07	9.80	25.52	35.39	59.57	-24.18 QP
4	0.3251	0.07	9.80	17.60	27.47	49.57	-22.10 Average
5	1.2688	0.09	9.58	17.13	26.80	56.00	-29.20 QP
6	1.2688	0.09	9.58	11.86	21.53	46.00	-24.47 Average
7	1.5935	0.10	9.58	17.89	27.57	56.00	-28.43 QP
8	1.5935	0.10	9.58	12.17	21.85	46.00	-24.15 Average
9	4.0275	0.12	9.66	16.17	25.95	56.00	-30.05 QP
10	4.0275	0.12	9.66	6.36	16.14	46.00	-29.86 Average
11	16.6612	0.27	10.01	28.68	38.96	60.00	-21.04 QP
12 *	16.6612	0.27	10.01	23.31	33.59	50.00	-16.41 Average

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Test Mode: 17; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 01803AT

Test mode: 17

Freq	Cable	LISN	Read	Limit		Over	Remark
	Freq	Loss	Factor	Level	Level	Line	
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1	0.1557	0.06	10.14	36.29	46.49	65.69	-19.20 QP
2	0.1557	0.06	10.14	22.53	32.73	55.69	-22.96 Average
3	0.3268	0.07	9.76	24.79	34.62	59.53	-24.91 QP
4	0.3268	0.07	9.76	14.66	24.49	49.53	-25.04 Average
5	1.4718	0.10	9.55	15.70	25.35	56.00	-30.65 QP
6	1.4718	0.10	9.55	10.15	19.80	46.00	-26.20 Average
7	1.6276	0.10	9.55	16.17	25.82	56.00	-30.18 QP
8	1.6276	0.10	9.55	10.95	20.60	46.00	-25.40 Average
9	4.2466	0.12	9.55	15.74	25.41	56.00	-30.59 QP
10	4.2466	0.12	9.55	4.02	13.69	46.00	-32.31 Average
11 *	16.3985	0.27	9.94	31.76	41.97	60.00	-18.03 QP
12 *	16.3985	0.27	9.94	26.48	36.69	50.00	-13.31 Average

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7.2 Contention Based Protocol

Test Requirement 47 CFR Part 15, Subpart E 15.407 (d)

Test Method: KDB 987594 D02 v02r01

Limit: Detect co-channel energy with 90% or greater certainty.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	24	TX mode (U-NII-5)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	25	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	26	TX mode (U-NII-6)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	27	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	28	TX mode (U-NII-7)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	29	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	30	TX mode (U-NII-8)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	31	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously

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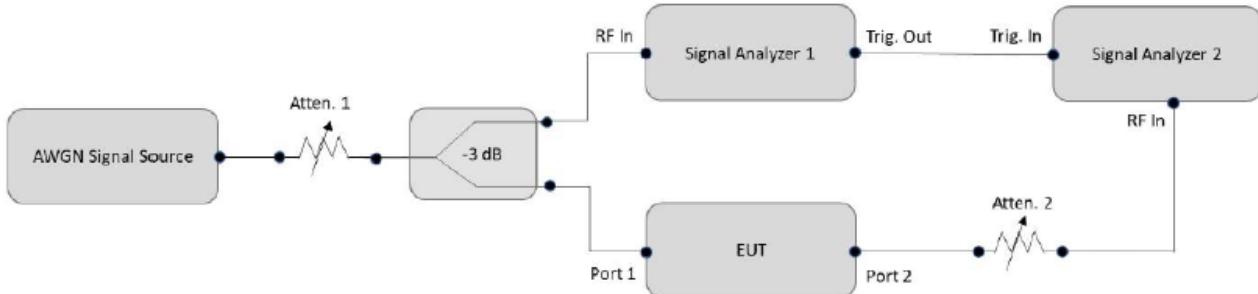
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transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

Detection Level=Injected AWGN Power(dBm)-Antenna Gain(dBi)+Path Loss(dB)



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7.2.5 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.3 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 (2013) Section 6.10.5

Measurement Distance: 3m

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.

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

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7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	16	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	18	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Final test	19	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	20	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	21	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.

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Pre-scan	22	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Final test	23	Charge + TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	24	TX mode (U-NII-5)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	25	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	26	TX mode (U-NII-6)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	27	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	28	TX mode (U-NII-7)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	29	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	30	TX mode (U-NII-8)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	31	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type

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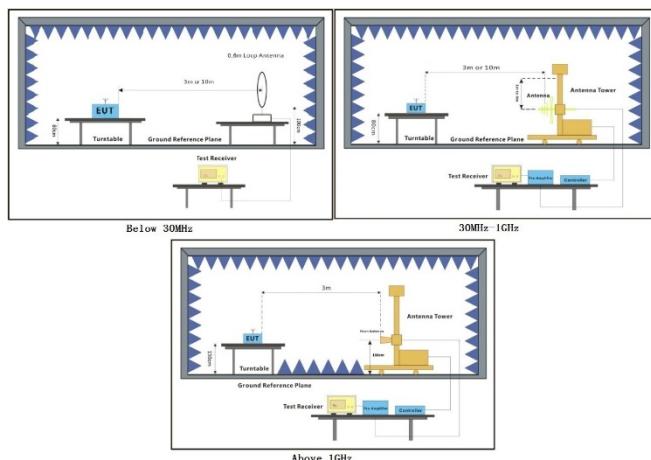
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[Redacted] have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



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7.3.4 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.

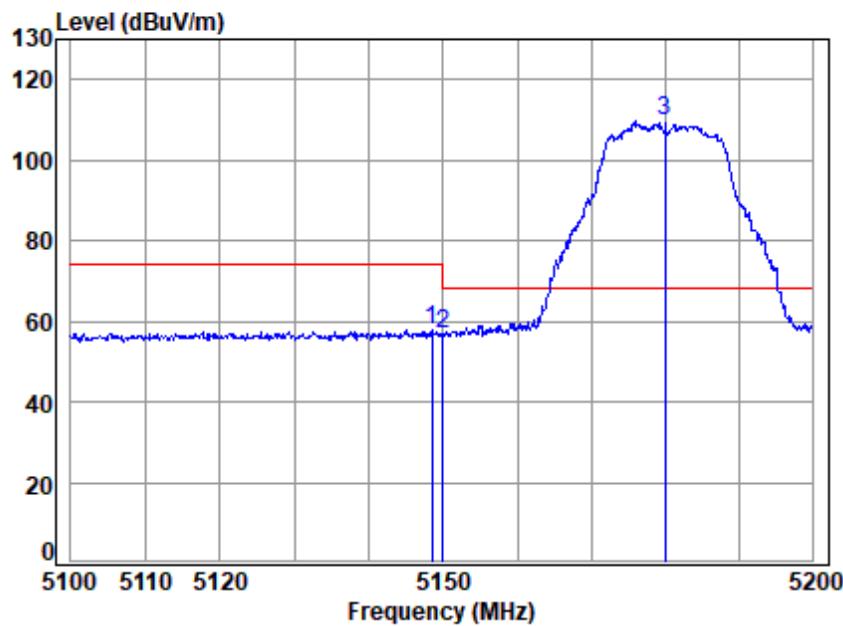
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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge
: 5G Wi-Fi 11a

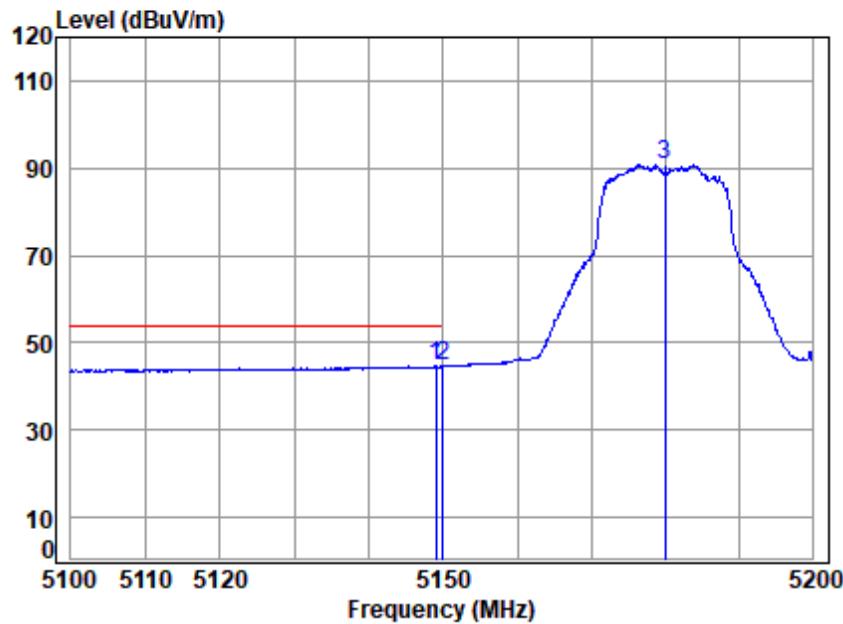
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.458	10.13	32.40	30.84	46.28	57.97	74.00 -16.03 peak
2	5149.980	10.14	32.40	30.84	45.25	56.95	74.00 -17.05 peak
3 pp	5180.000	10.25	32.46	30.83	97.69	109.57	68.20 41.37 peak



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Job No : 01803AT/01804AT

Mode : 5180 Band edge
: 5G Wi-Fi 11a

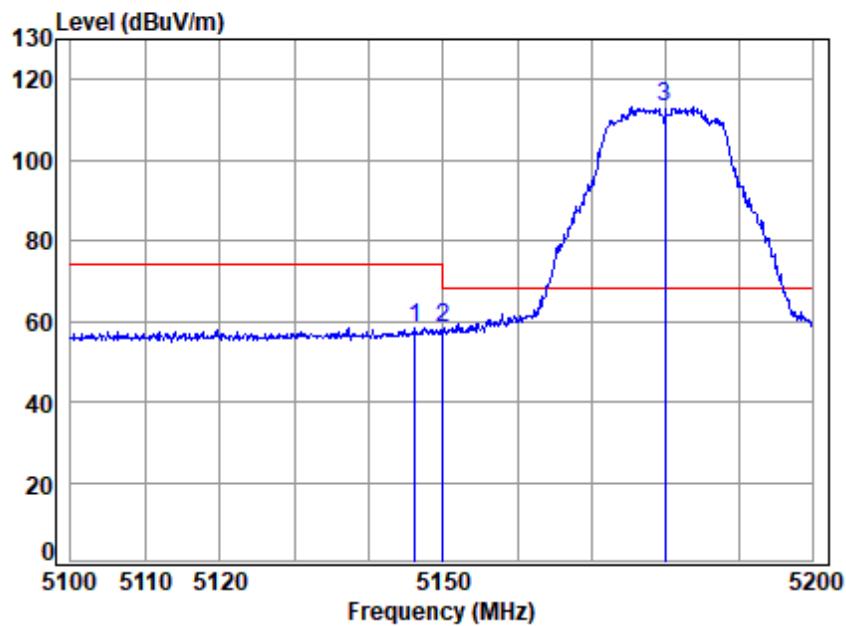
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.958	10.14	32.40	30.84	32.95	44.65	54.00 -9.35 Average
2 pp	5149.980	10.14	32.40	30.84	33.05	44.75	54.00 -9.25 Average
3	5180.000	10.25	32.46	30.83	78.90	90.78	----- Average



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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5180 Band edge
: 5G Wi-Fi 11a

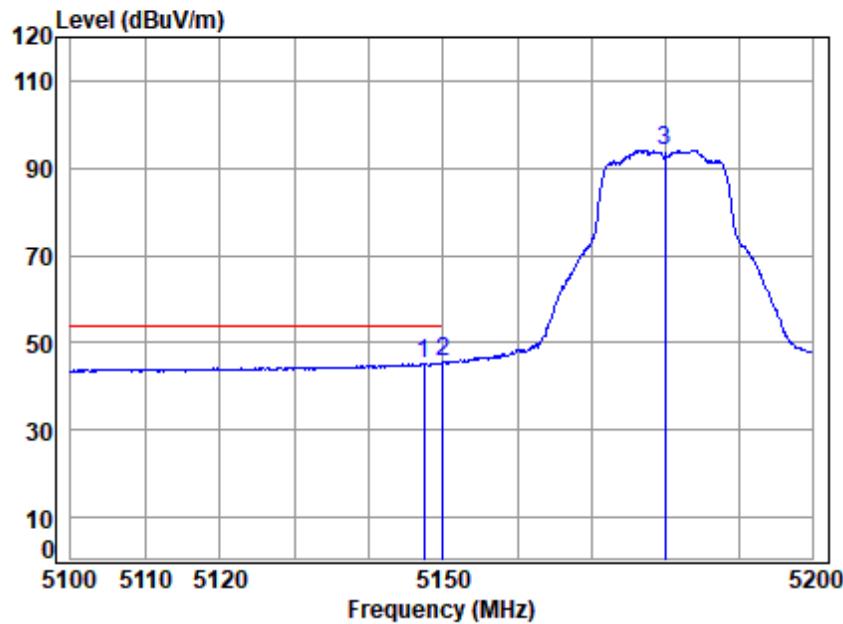
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5146.258	10.13	32.39	30.84	46.69	58.37	74.00	-15.63 Peak
2 5149.980	10.14	32.40	30.84	46.38	58.08	74.00	-15.92 Peak
3 pp 5180.000	10.25	32.46	30.83	101.22	113.10	68.20	44.90 Peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5180 Band edge
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5147.458	10.13	32.39	30.84	33.66	45.34	54.00 -8.66 Average
2 pp	5149.980	10.14	32.40	30.84	33.97	45.67	54.00 -8.33 Average
3	5180.000	10.25	32.46	30.83	82.31	94.19	----- ----- Average

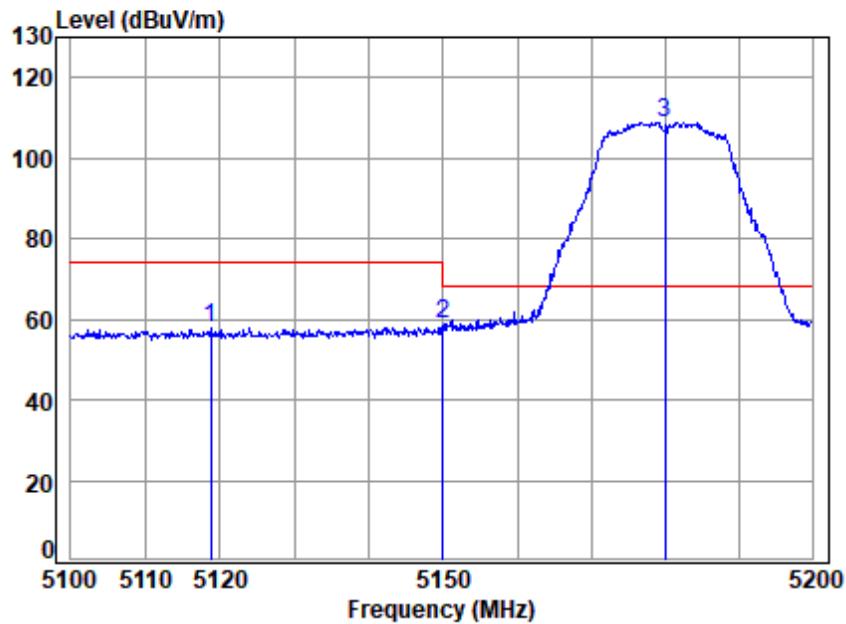
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Services LLC Laboratory.

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge
: 5G Wi-Fi 11n20

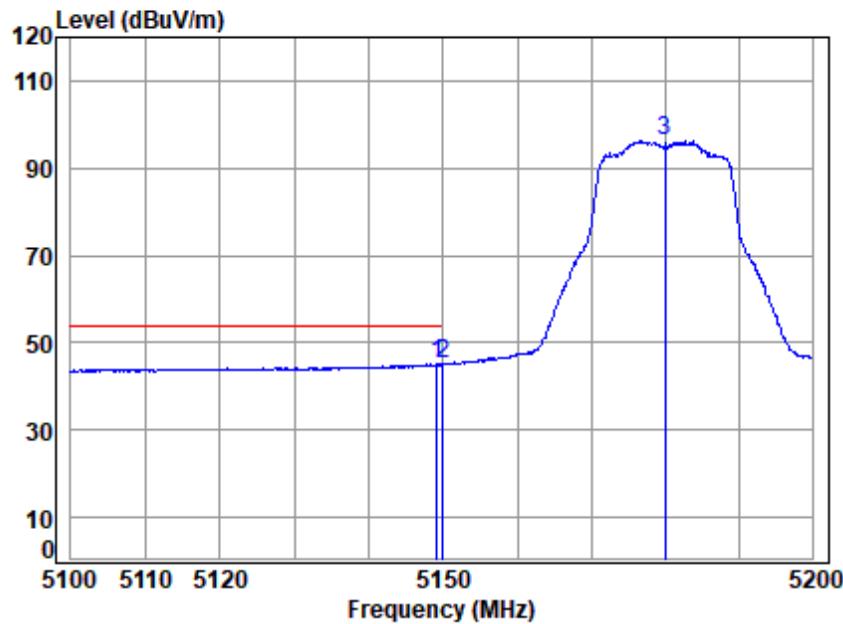
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5118.751	10.02	32.34	30.85	46.49	58.00	74.00 -16.00 peak
2	5149.980	10.14	32.40	30.84	46.96	58.66	74.00 -15.34 peak
3 pp	5180.000	10.25	32.46	30.83	97.11	108.99	68.20 40.79 peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

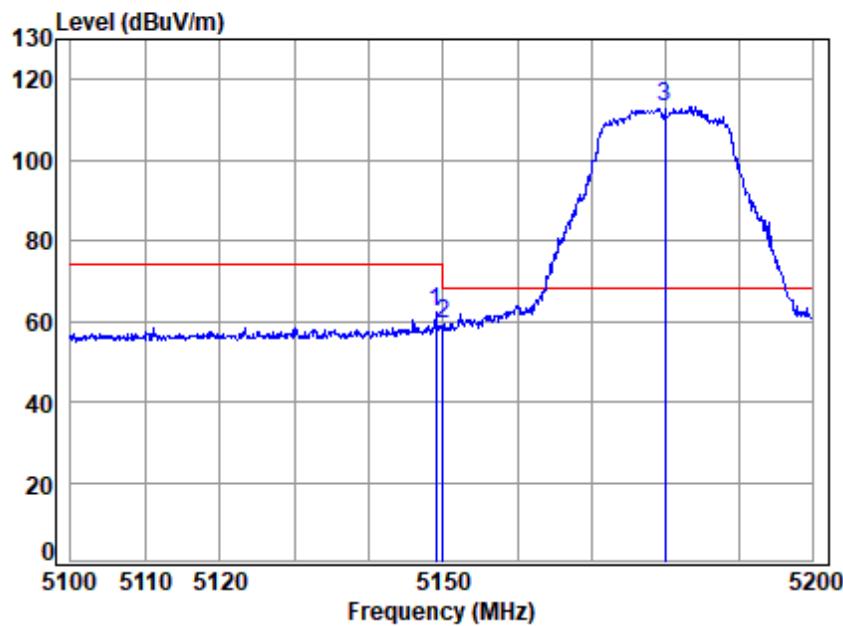
Mode : 5180 Band edge
: 5G Wi-Fi 11n20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.157	10.14	32.40	30.84	33.36	45.06	54.00 -8.94 Average
2 pp	5149.980	10.14	32.40	30.84	33.58	45.28	54.00 -8.72 Average
3	5180.000	10.25	32.46	30.83	84.33	96.21	----- ----- Average

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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5180 Band edge
: 5G Wi-Fi 11n20

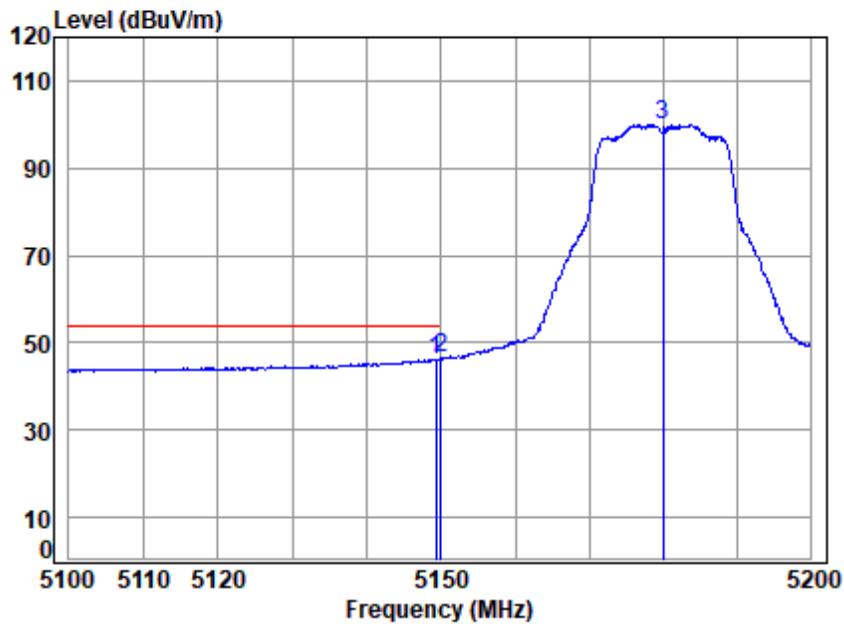
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.958	10.14	32.40	30.84	50.39	62.09	74.00	-11.91 Peak
2	5149.980	10.14	32.40	30.84	47.78	59.48	74.00	-14.52 Peak
3 pp	5180.000	10.25	32.46	30.83	101.41	113.29	68.20	45.09 Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5180 Band edge
: 5G Wi-Fi 11n20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5149.257	10.14	32.40	30.84	34.55	46.25	54.00 -7.75 Average
2 pp	5149.980	10.14	32.40	30.84	34.74	46.44	54.00 -7.56 Average
3	5180.000	10.25	32.46	30.83	88.16	100.04	----- Average

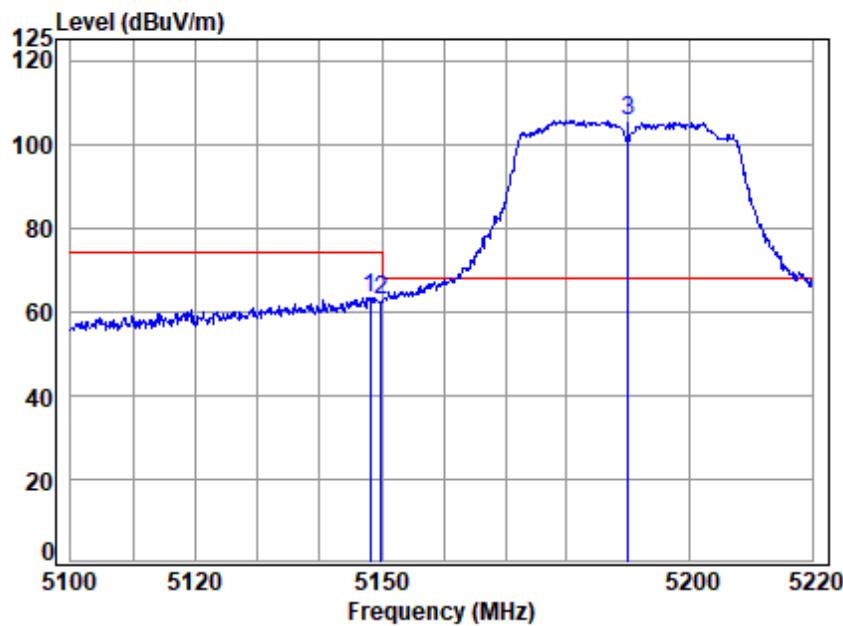
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Shenzhen Branch (CN) SGS Laboratory

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5190 Band edge
: 5G Wi-Fi 11n40

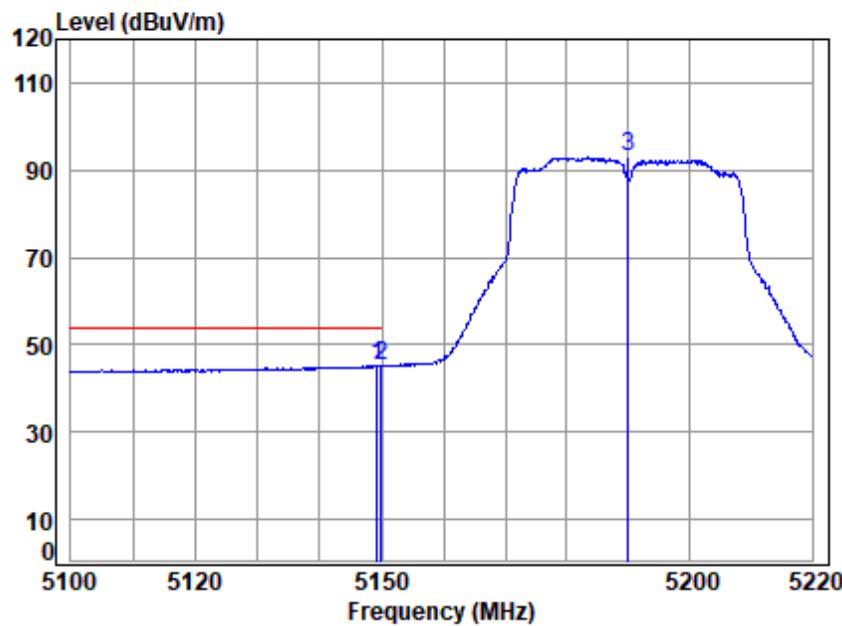
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.144	10.13	32.40	30.84	51.55	63.24	74.00 -10.76 peak
2	5149.980	10.14	32.40	30.84	50.91	62.61	74.00 -11.39 peak
3 pp	5190.000	10.29	32.48	30.82	93.79	105.74	68.20 37.54 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge
: 5G Wi-Fi 11n40

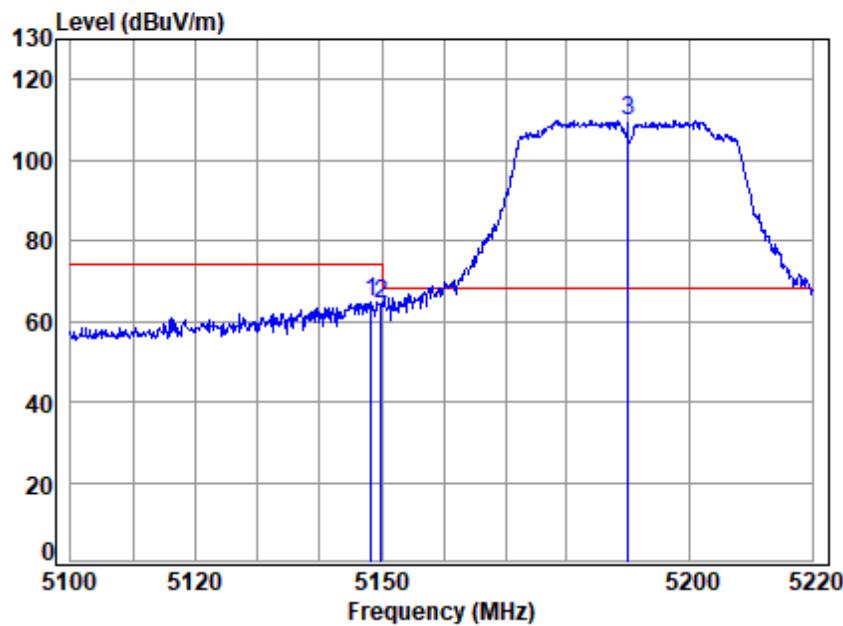
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.342	10.14	32.40	30.84	33.47	45.17	54.00	-8.83 Average
2 pp	5149.980	10.14	32.40	30.84	33.48	45.18	54.00	-8.82 Average
3	5190.000	10.29	32.48	30.82	80.95	92.90	-----	----- Average

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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge
: 5G Wi-Fi 11n40

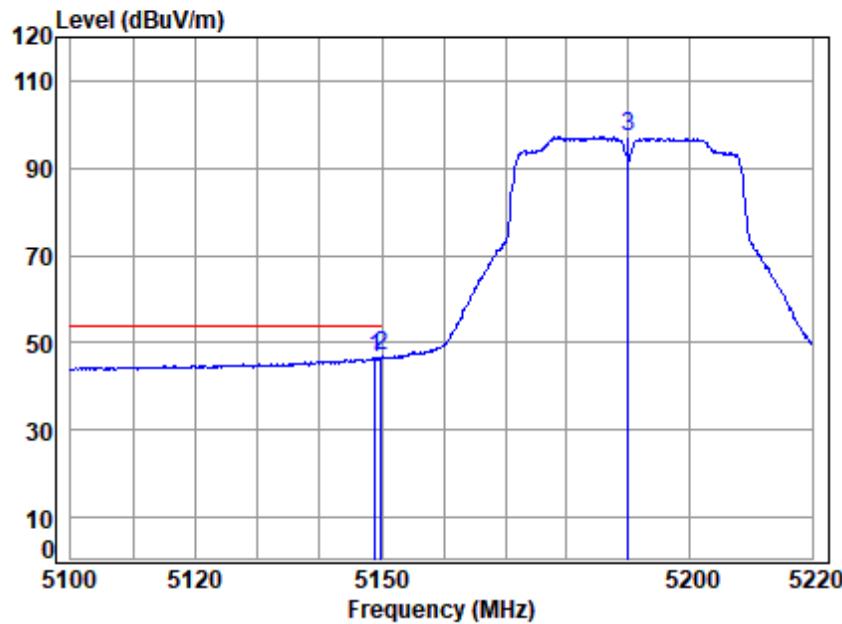
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.264	10.13	32.40	30.84	53.26	64.95	74.00	-9.05 Peak
2	5149.980	10.14	32.40	30.84	52.67	64.37	74.00	-9.63 Peak
3 pp	5190.000	10.29	32.48	30.82	97.88	109.83	68.20	41.63 Peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge
: 5G Wi-Fi 11n40

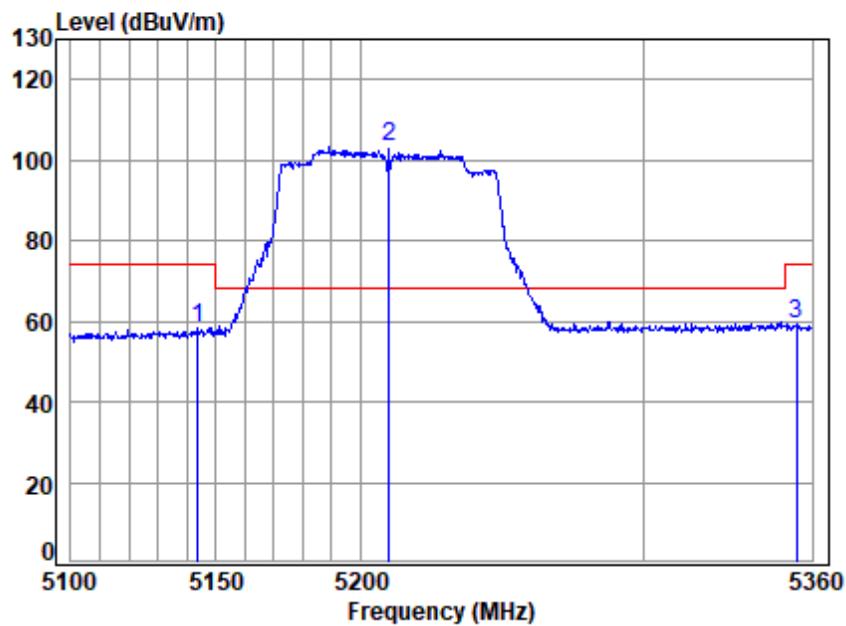
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1	5148.863	10.14	32.40	30.84	34.84	46.54	54.00	-7.46 Average
2 pp	5149.980	10.14	32.40	30.84	35.09	46.79	54.00	-7.21 Average
3	5190.000	10.29	32.48	30.82	85.13	97.08	-----	----- Average



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

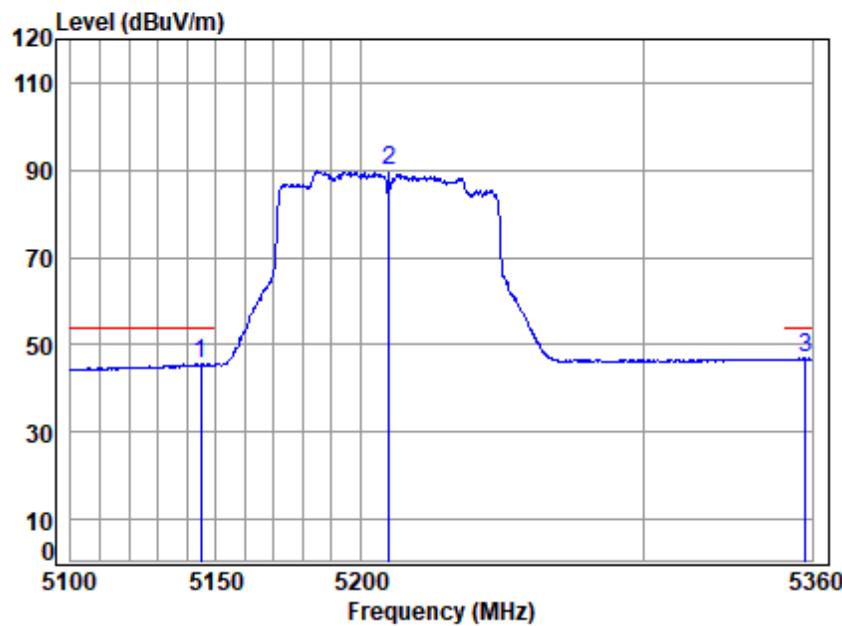
Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5143.549	10.12	32.39	30.84	46.75	58.42	74.00	-15.58 peak
2 pp	5210.000	10.32	32.52	30.82	91.12	103.14	68.20	34.94 peak
3	5354.406	10.46	32.80	30.76	46.89	59.39	74.00	-14.61 peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5144.572	10.12	32.39	30.84	34.02	45.69	54.00 -8.31 Average
2	5210.000	10.32	32.52	30.82	77.89	89.91	----- Average
3 pp	5357.602	10.48	32.80	30.76	34.38	46.90	54.00 -7.10 Average

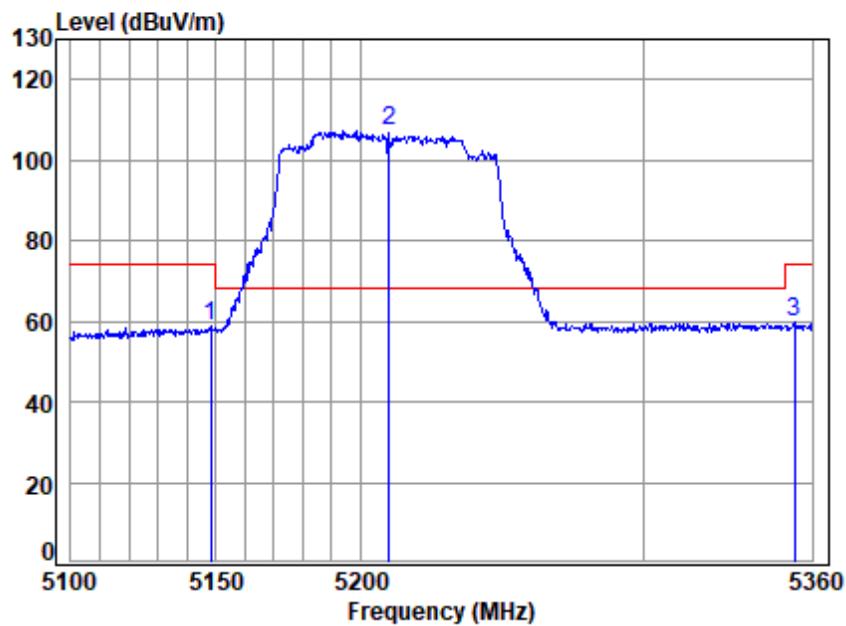
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Shenzhen Branch is a branch of SGS Laboratory.

Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

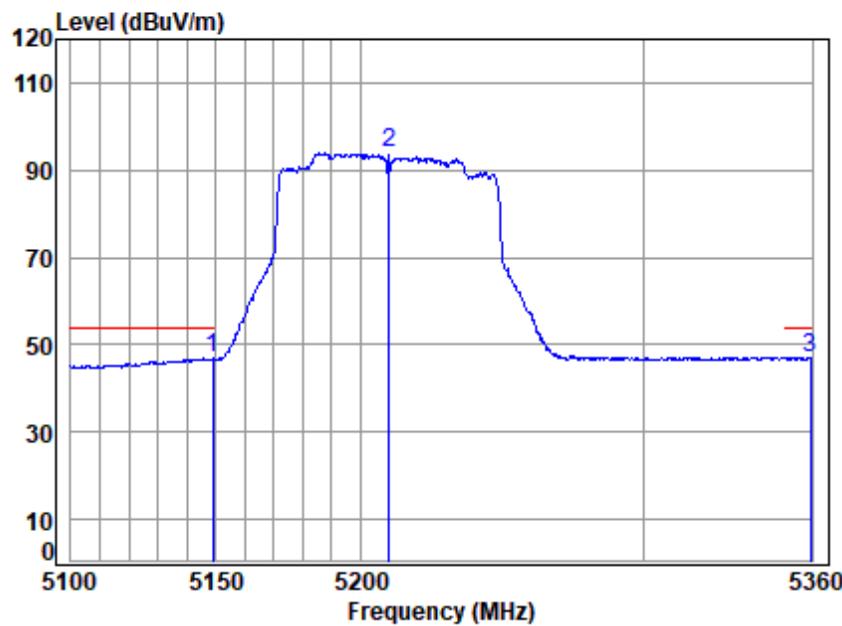
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.154	10.13	32.40	30.84	47.06	58.75	74.00 -15.25 Peak
2 pp	5210.000	10.32	32.52	30.82	95.09	107.11	68.20 38.91 Peak
3	5353.607	10.46	32.80	30.76	47.11	59.61	74.00 -14.39 Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

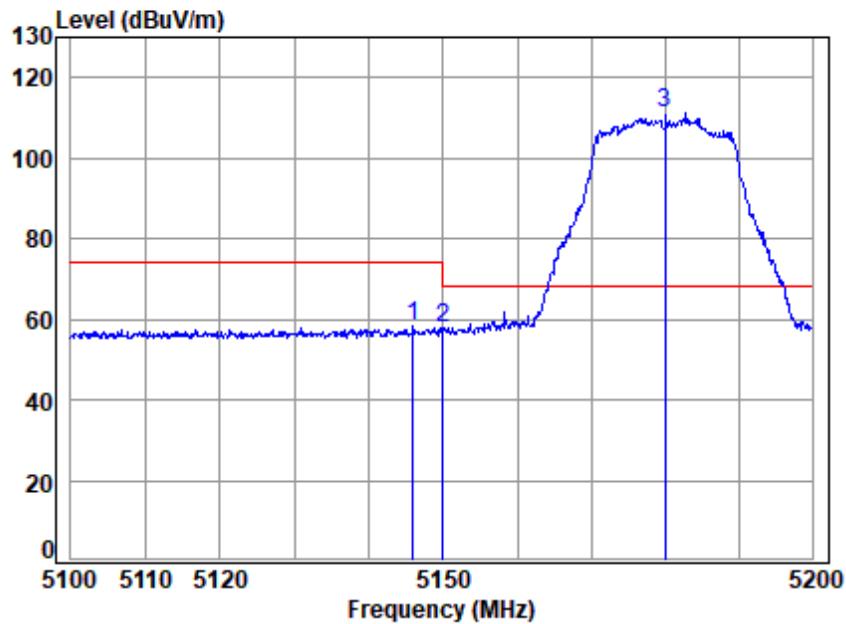
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5148.667	10.13	32.40	30.84	35.31	47.00	54.00	-7.00 Average
2	5210.000	10.32	32.52	30.82	81.93	93.95	-----	----- Average
3	5359.467	10.48	32.80	30.76	34.44	46.96	54.00	-7.04 Average

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

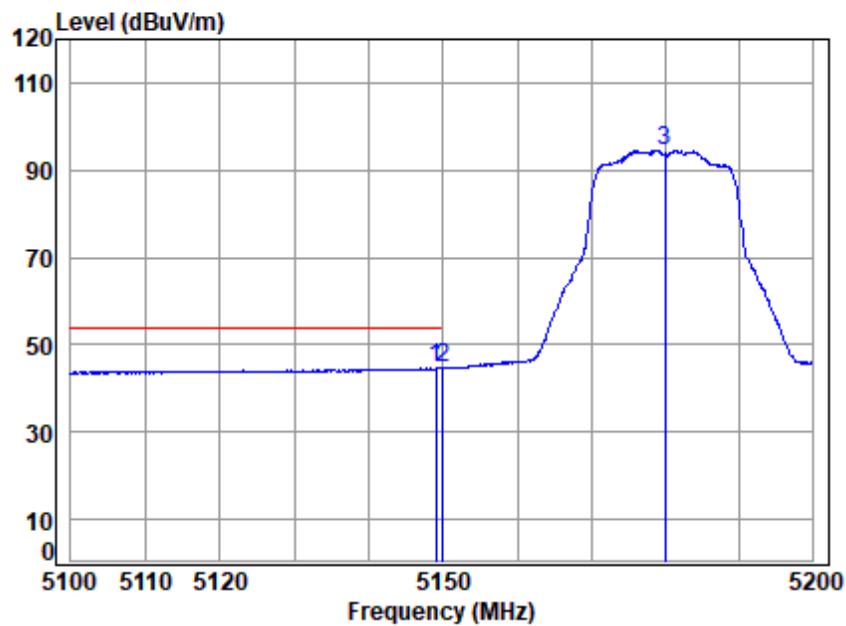
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5145.958	10.12	32.39	30.84	46.72	58.39	74.00	-15.61 peak
2	5149.980	10.14	32.40	30.84	46.36	58.06	74.00	-15.94 peak
3 pp	5180.000	10.25	32.46	30.83	99.13	111.01	68.20	42.81 peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

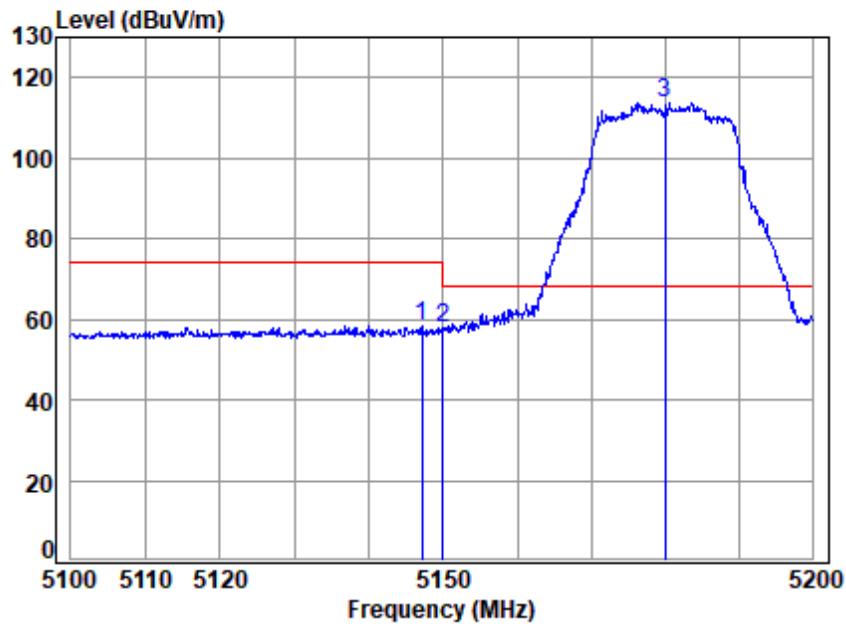
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.958	10.14	32.40	30.84	33.01	44.71	54.00 -9.29 Average
2 pp	5149.980	10.14	32.40	30.84	33.06	44.76	54.00 -9.24 Average
3	5180.000	10.25	32.46	30.83	82.75	94.63	----- ----- Average



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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	5147.158	10.13	32.39	30.84	46.73	58.41	74.00	-15.59 Peak
2	5149.980	10.14	32.40	30.84	46.09	57.79	74.00	-16.21 Peak
3 pp	5180.000	10.25	32.46	30.83	101.64	113.52	68.20	45.32 Peak

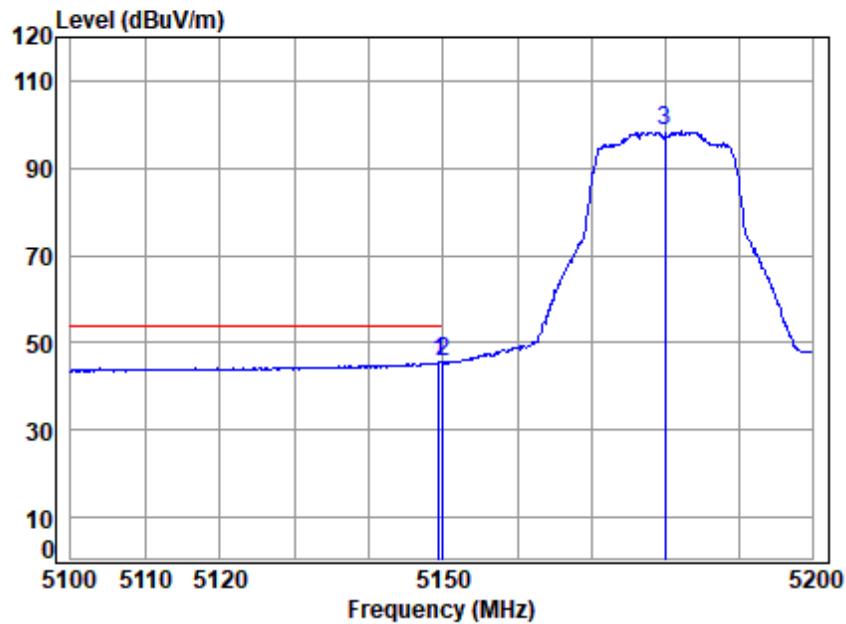
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Shenzhen Branch Testing Services Laboratory.

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

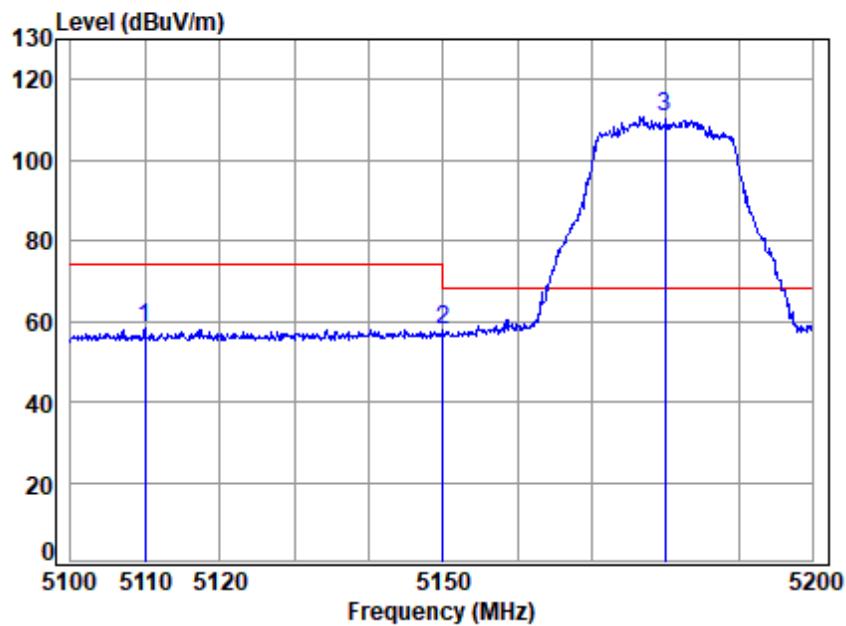
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.458	10.14	32.40	30.84	33.91	45.61	54.00	-8.39 Average
2 pp	5149.980	10.14	32.40	30.84	33.92	45.62	54.00	-8.38 Average
3	5180.000	10.25	32.46	30.83	86.52	98.40	-----	----- Average

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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11be20

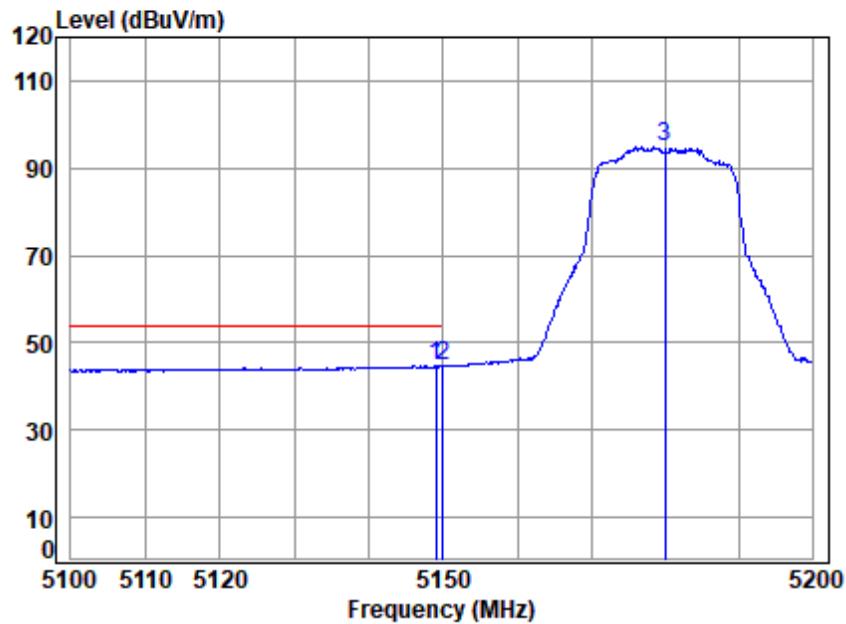
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5109.913	9.99	32.32	30.86	46.75	58.20	74.00 -15.80 peak
2	5149.980	10.14	32.40	30.84	46.07	57.77	74.00 -16.23 peak
3 pp	5180.000	10.25	32.46	30.83	99.00	110.88	68.20 42.68 peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge

: 5G Wi-Fi 11be20

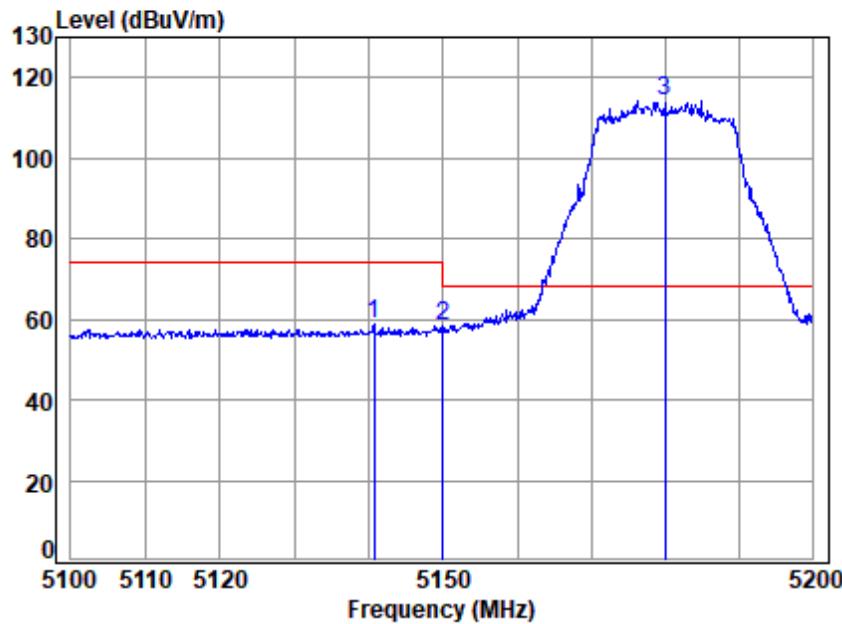
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5148.958	10.14	32.40	30.84	33.00	44.70	54.00 -9.30 Average
2 pp	5149.980	10.14	32.40	30.84	33.14	44.84	54.00 -9.16 Average
3	5180.000	10.25	32.46	30.83	82.91	94.79	----- ----- Average



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Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge
: 5G Wi-Fi 11be20

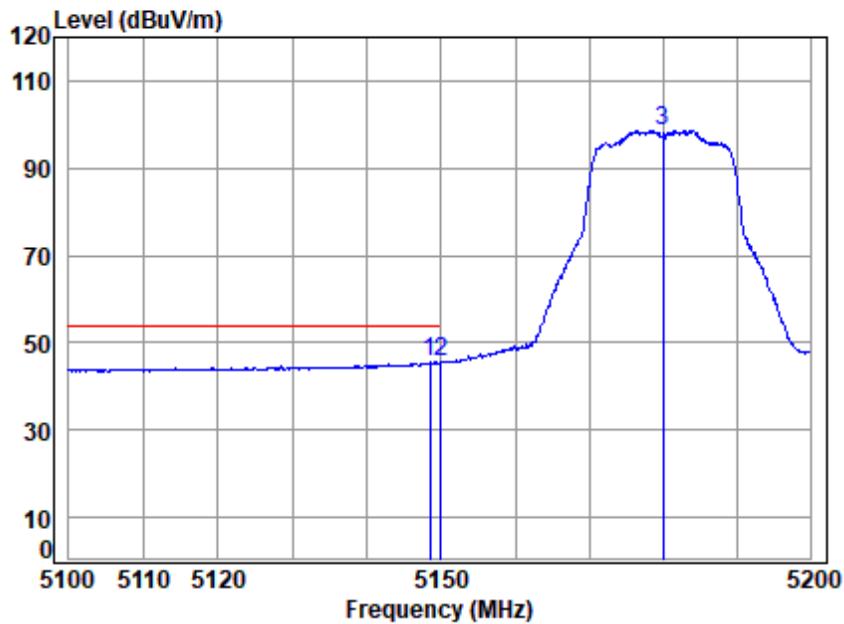
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.666	10.10	32.38	30.84	47.22	58.86	74.00	-15.14 Peak
2	5149.980	10.14	32.40	30.84	46.79	58.49	74.00	-15.51 Peak
3 pp	5180.000	10.25	32.46	30.83	102.19	114.07	68.20	45.87 Peak

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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 Band edge
: 5G Wi-Fi 11be20

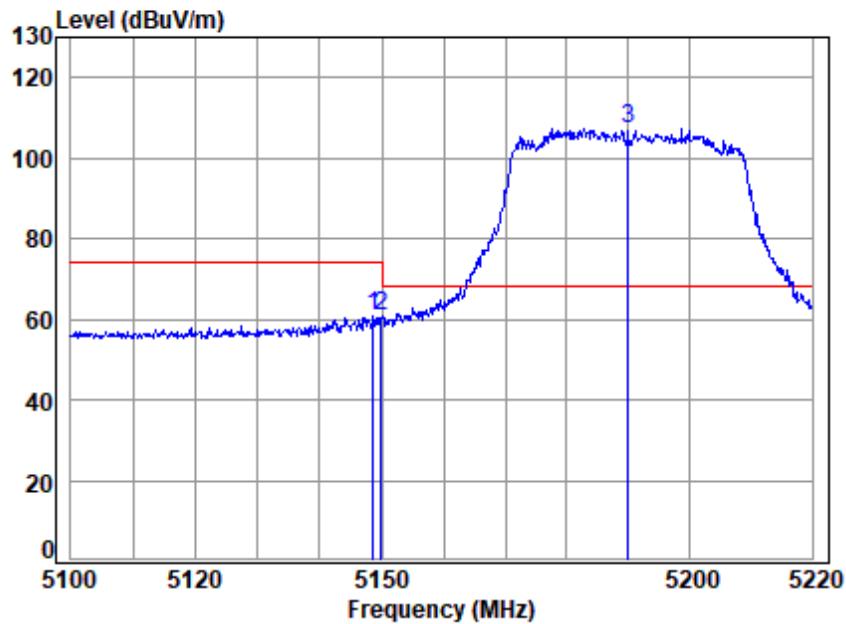
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5148.458	10.13	32.40	30.84	33.93	45.62	54.00 -8.38 Average
2	5149.980	10.14	32.40	30.84	33.76	45.46	54.00 -8.54 Average
3	5180.000	10.25	32.46	30.83	86.76	98.64	----- ----- Average



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge

: 5G Wi-Fi 11be40

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.623	10.13	32.40	30.84	48.88	60.57	74.00	-13.43 peak
2	5149.980	10.14	32.40	30.84	48.93	60.63	74.00	-13.37 peak
3 pp	5190.000	10.29	32.48	30.82	95.48	107.43	68.20	39.23 peak

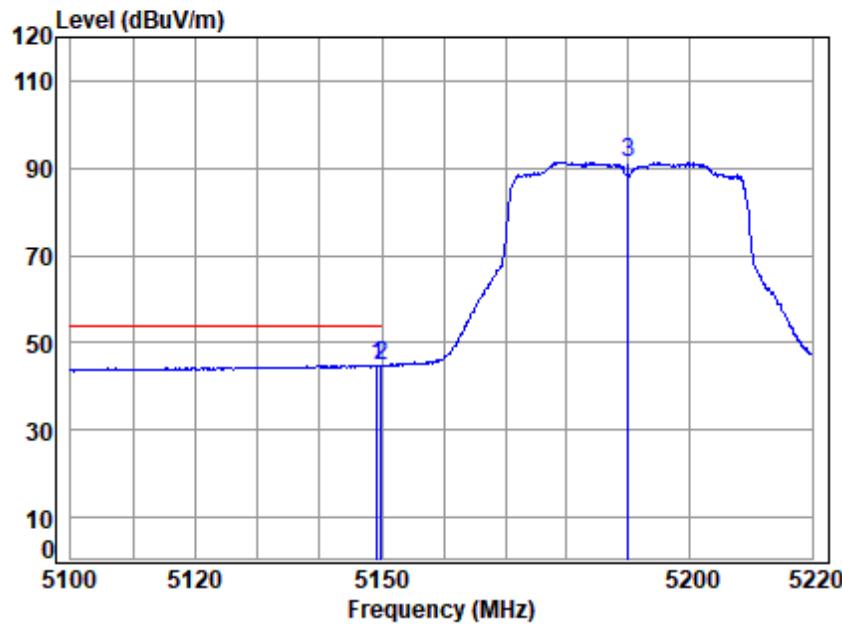
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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge

: 5G Wi-Fi 11be40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1 pp	5149.222	10.14	32.40	30.84	33.24	44.94	54.00	-9.06 Average
2	5149.980	10.14	32.40	30.84	33.15	44.85	54.00	-9.15 Average
3	5190.000	10.29	32.48	30.82	79.49	91.44	-----	----- Average

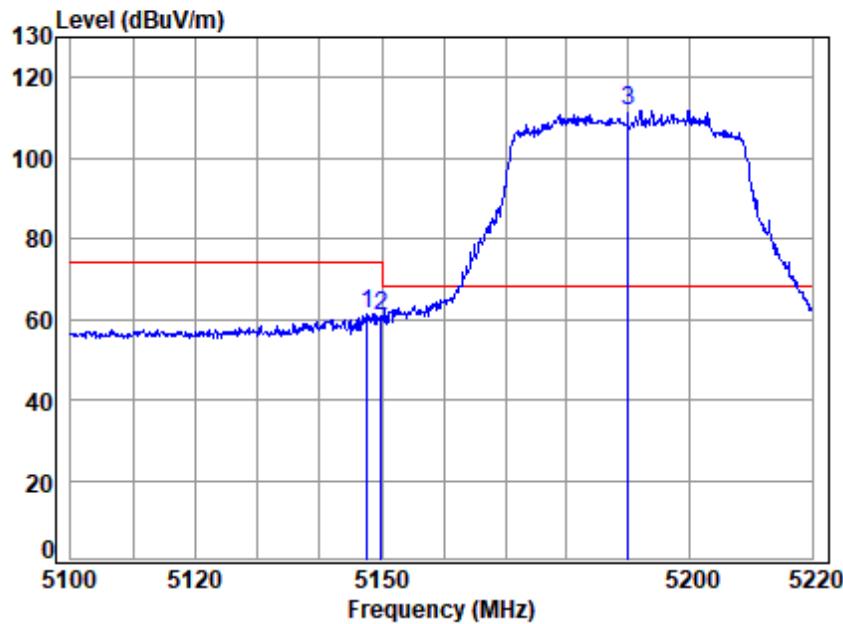
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Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

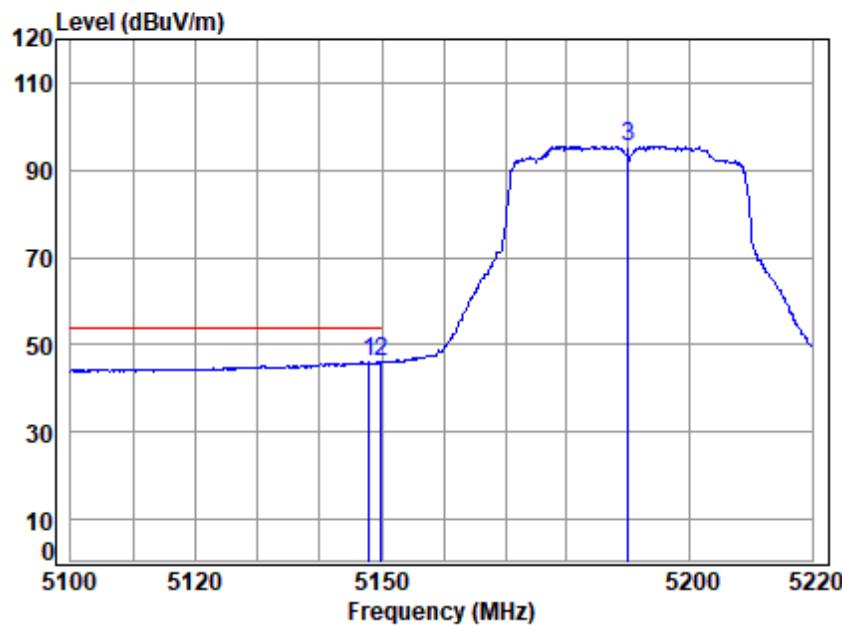
Job No : 01803AT/01804AT

Mode : 5190 Band edge
: 5G Wi-Fi 11be40

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Freq	Loss	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.666	10.13	32.40	30.84	49.60	61.29	74.00	-12.71 Peak
2	5149.980	10.14	32.40	30.84	49.34	61.04	74.00	-12.96 Peak
3 pp	5190.000	10.29	32.48	30.82	99.85	111.80	68.20	43.60 Peak



Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5190 Band edge
: 5G Wi-Fi 11be40

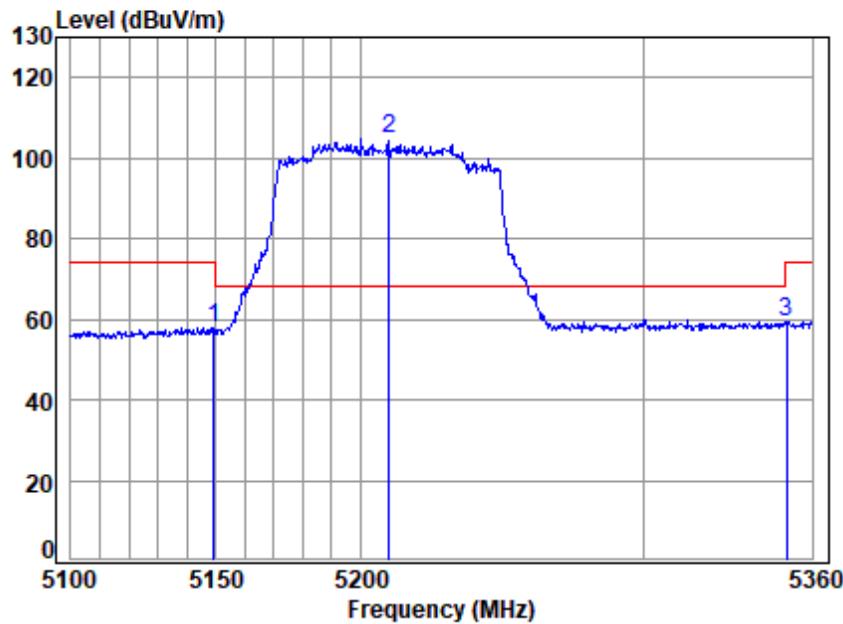
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.024	10.13	32.40	30.84	34.30	45.99	54.00	-8.01 Average
2 pp	5149.980	10.14	32.40	30.84	34.41	46.11	54.00	-7.89 Average
3	5190.000	10.29	32.48	30.82	83.63	95.58	-----	----- Average

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11be80

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.178	10.14	32.40	30.84	46.28	57.98	74.00	-16.02 peak
2 pp	5210.000	10.32	32.52	30.82	92.61	104.63	68.20	36.43 peak
3	5350.680	10.45	32.80	30.76	46.84	59.33	74.00	-14.67 peak

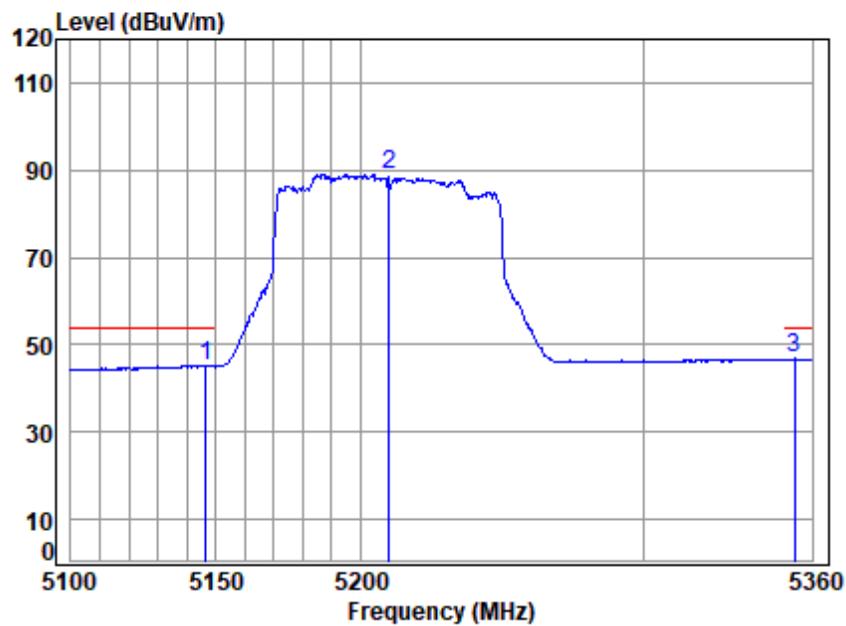
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Shenzhen Branch is a SGS Laboratory.

Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11be80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5146.363	10.13	32.39	30.84	33.68	45.36	54.00
2	5210.000	10.32	32.52	30.82	76.88	88.90	-----
3 pp	5353.874	10.46	32.80	30.76	34.33	46.83	54.00
							-8.64
							Average

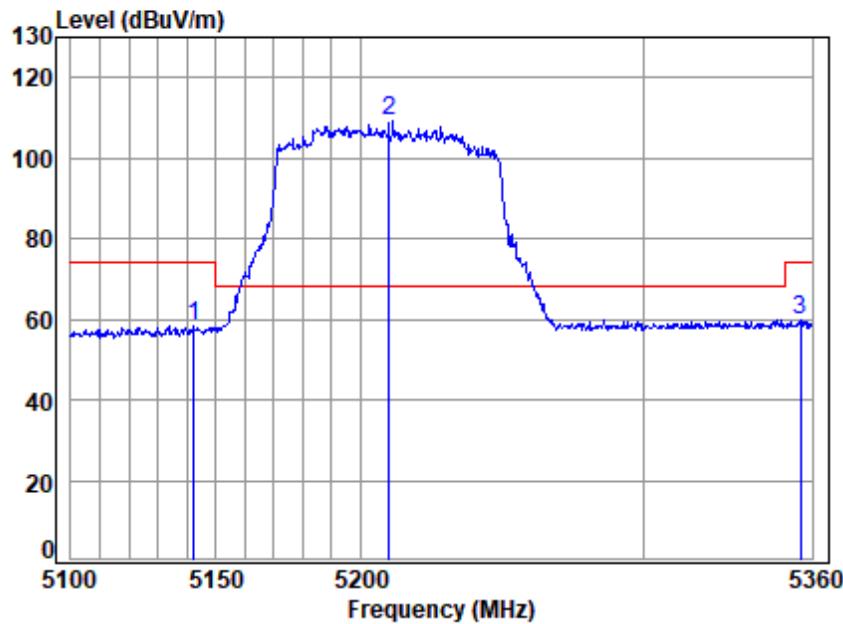
							Average
							-7.17
							Average

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Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11be80

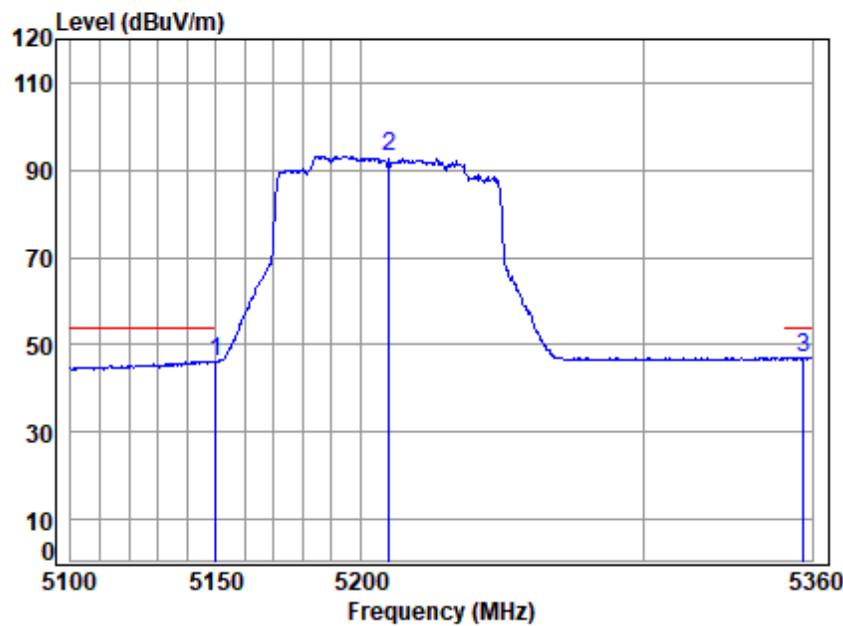
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5142.270	10.11	32.38	30.84	46.71	58.36	74.00 -15.64 Peak
2 pp	5210.000	10.32	32.52	30.82	97.12	109.14	68.20 40.94 Peak
3	5355.737	10.47	32.80	30.76	47.32	59.83	74.00 -14.17 Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5210 Band edge

: 5G Wi-Fi 11be80

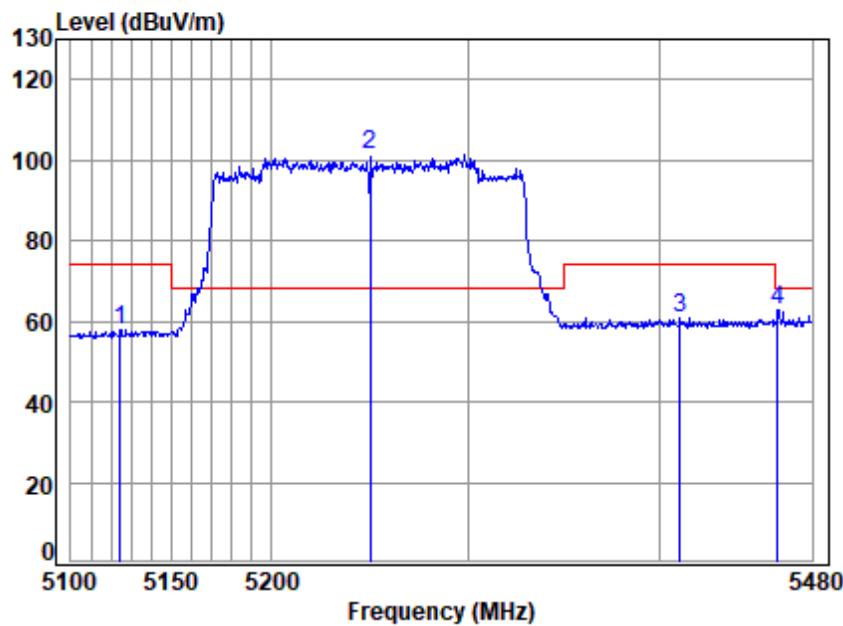
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.690	10.14	32.40	30.84	34.52	46.22	54.00 -7.78 Average
2	5210.000	10.32	32.52	30.82	81.24	93.26 -----	----- Average
3 pp	5357.069	10.47	32.80	30.76	34.49	47.00	54.00 -7.00 Average

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5250 Band edge
: 5G Wi-Fi 11be160

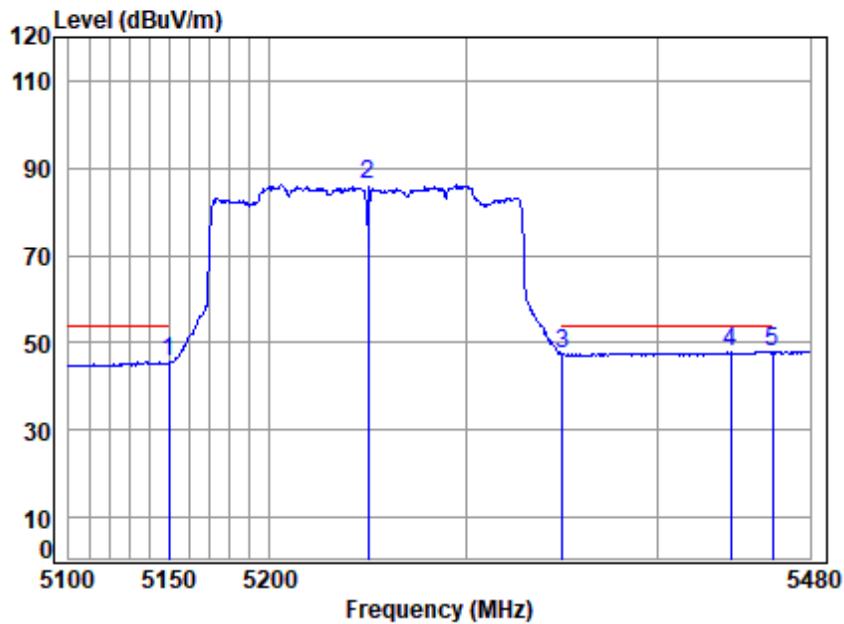
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5124.615	10.04	32.35	30.85	46.33	57.87	74.00	-16.13 peak
2 pp	5250.000	10.31	32.60	30.80	89.10	101.21	68.20	33.01 peak
3	5410.347	10.62	32.82	30.74	48.06	60.76	74.00	-13.24 peak
4	5461.914	10.60	32.90	30.72	50.01	62.79	68.20	-5.41 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5250 Band edge
: 5G Wi-Fi 11be160

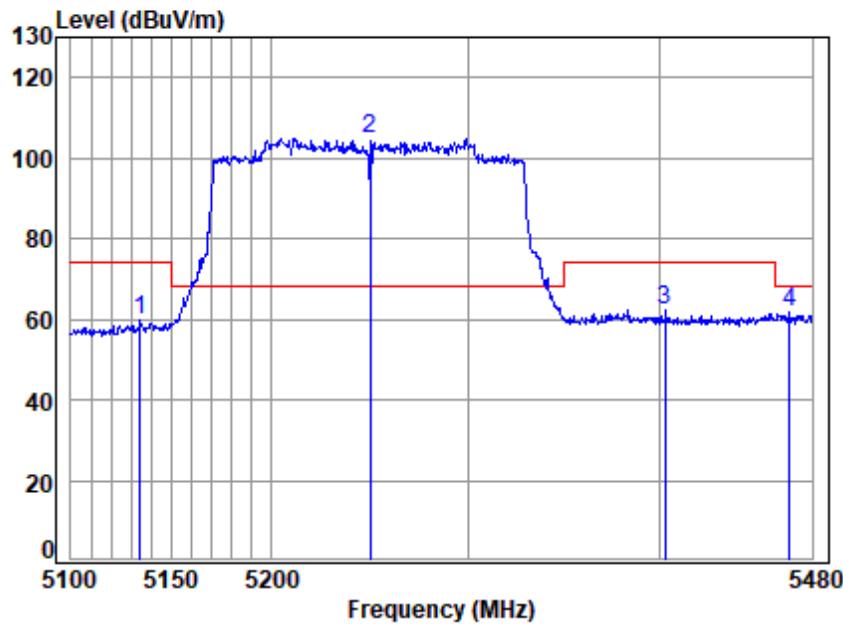
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Factor	Level	Level		
1	5149.720	10.14	32.40	30.84	33.77	45.47	54.00	-8.53 Average
2	5250.000	10.31	32.60	30.80	73.95	86.06	-----	----- Average
3	5350.118	10.45	32.80	30.76	34.90	47.39	54.00	-6.61 Average
4	5438.023	10.60	32.88	30.72	34.94	47.70	54.00	-6.30 Average
5 pp	5459.929	10.60	32.90	30.72	35.09	47.87	54.00	-6.13 Average

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Test Mode: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5250 Band edge

: 5G Wi-Fi 11be160

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5134.200	10.08	32.37	30.85	48.11	59.71	74.00 -14.29 peak
2 pp	5250.000	10.31	32.60	30.80	92.85	104.96	68.20 36.76 peak
3	5402.576	10.62	32.81	30.74	49.62	62.31	74.00 -11.69 peak
4	5467.805	10.59	32.90	30.71	48.82	61.60	68.20 -6.60 peak

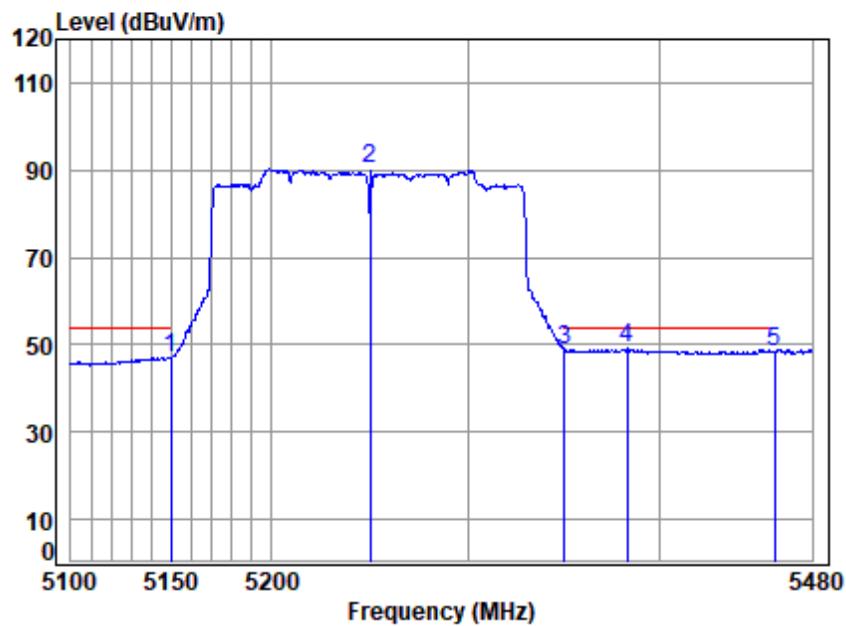
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Shenzhen Branch (CN) SGS Laboratory

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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: 17; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5250 Band edge
: 5G Wi-Fi 11be160

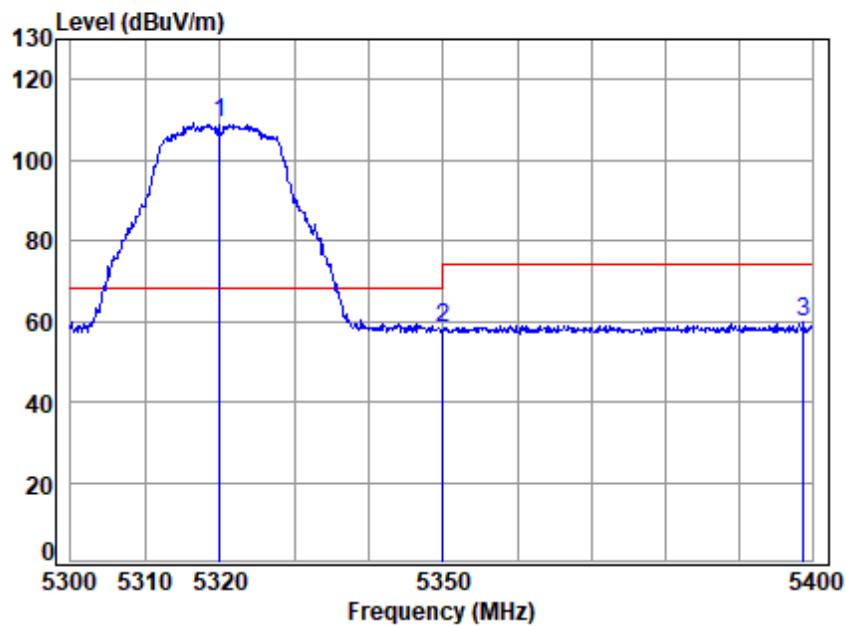
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.720	10.14	32.40	30.84	35.36	47.06	54.00	-6.94 Average
2	5250.000	10.31	32.60	30.80	78.15	90.26	-----	----- Average
3	5350.118	10.45	32.80	30.76	36.40	48.89	54.00	-5.11 Average
4 pp	5382.812	10.56	32.80	30.75	36.45	49.06	54.00	-4.94 Average
5	5459.929	10.60	32.90	30.72	35.51	48.29	54.00	-5.71 Average

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11a

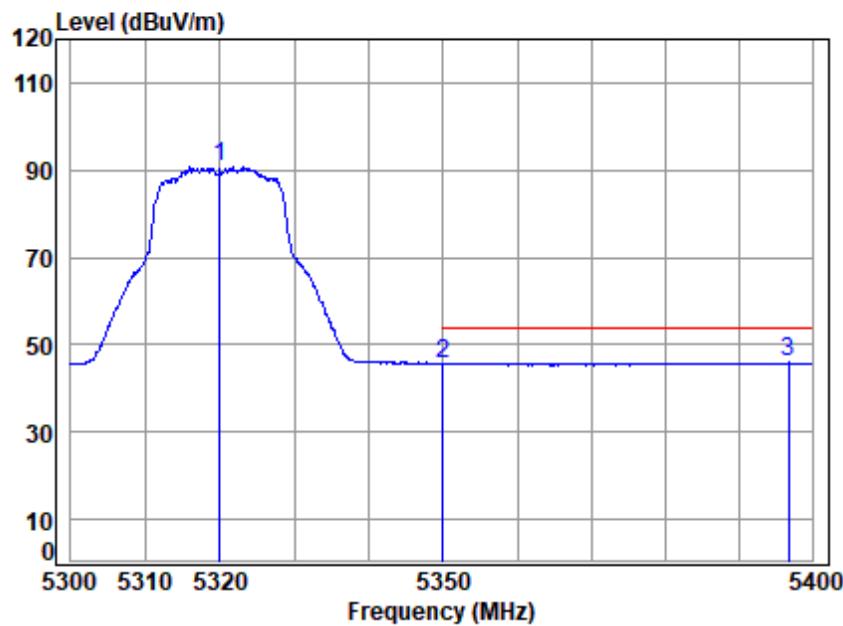
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5320.000	10.35	32.74	30.77	96.86	109.18	68.20	40.98 peak
2	5350.020	10.45	32.80	30.76	45.79	58.28	74.00	-15.72 peak
3	5398.890	10.62	32.80	30.74	47.24	59.92	74.00	-14.08 peak



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge
: 5G Wi-Fi 11a

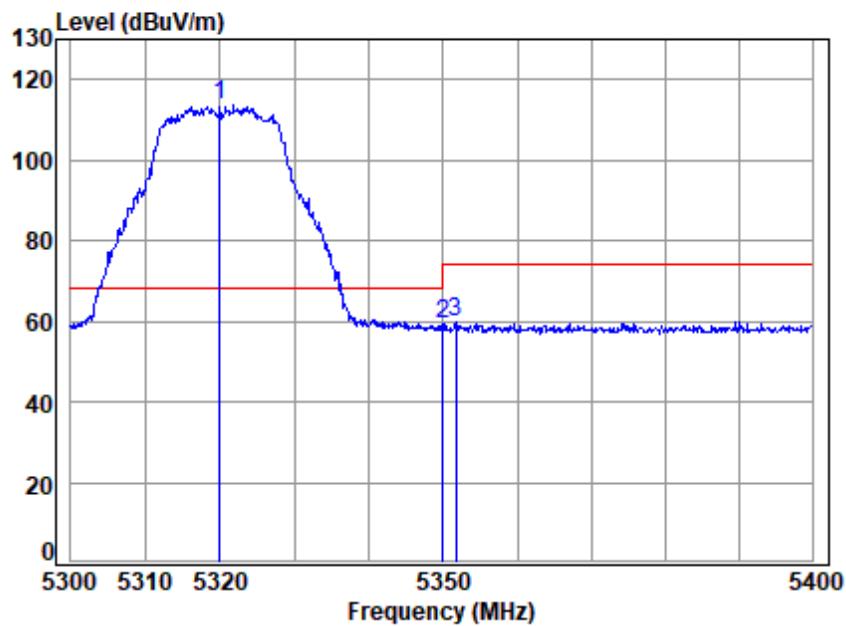
		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	78.48	90.80	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.22	45.71	54.00	-8.29	Average
3 pp	5396.771	10.61	32.80	30.74	33.20	45.87	54.00	-8.13	Average



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Test Mode: 19; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11a

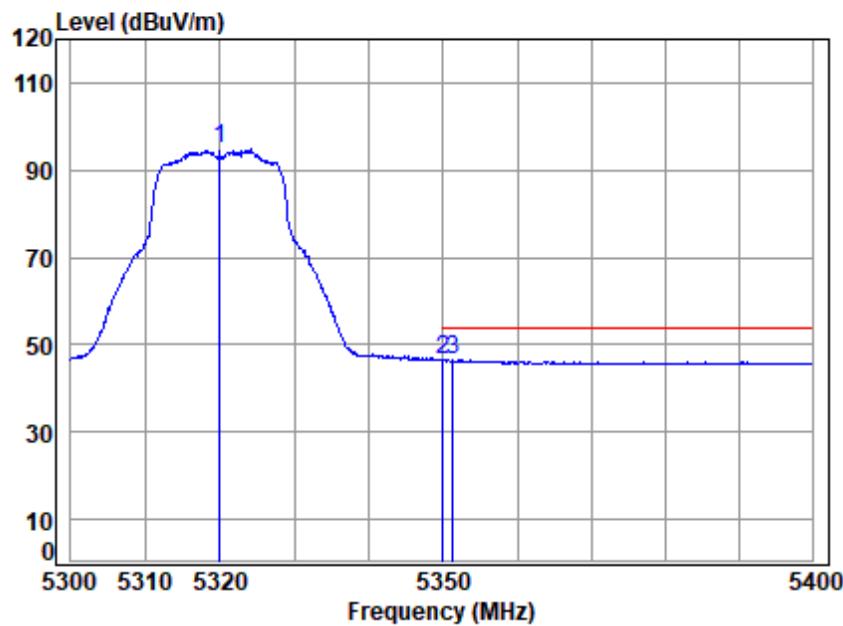
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5320.000	10.35	32.74	30.77	101.44	113.76	68.20	45.56 Peak
2	5350.020	10.45	32.80	30.76	46.82	59.31	74.00	-14.69 Peak
3	5351.667	10.46	32.80	30.76	47.53	60.03	74.00	-13.97 Peak



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Test Mode: 19; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit 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	82.47	94.79	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.92	46.41	54.00	-7.59	Average
3 pp	5351.267	10.45	32.80	30.76	34.05	46.54	54.00	-7.46	Average

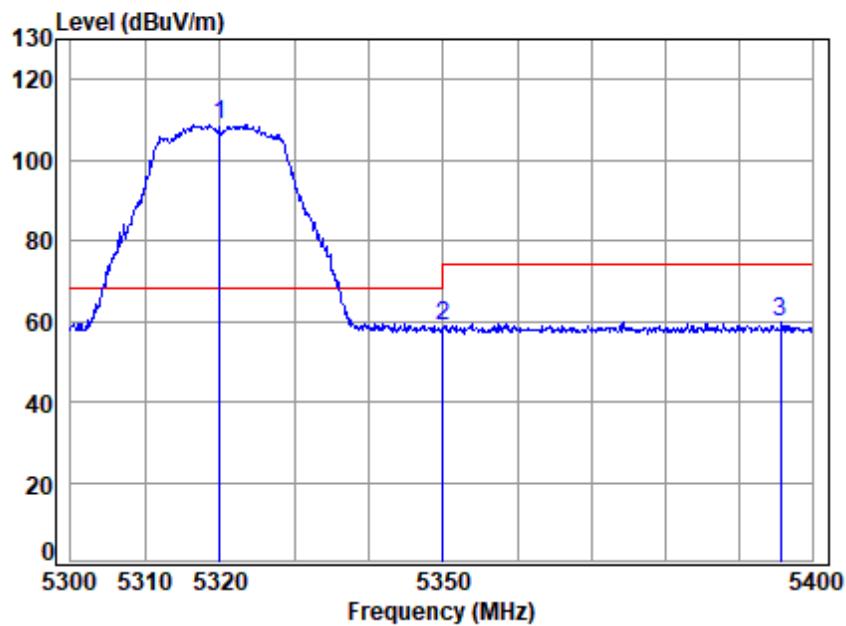
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 19; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge
: 5G Wi-Fi 11n20

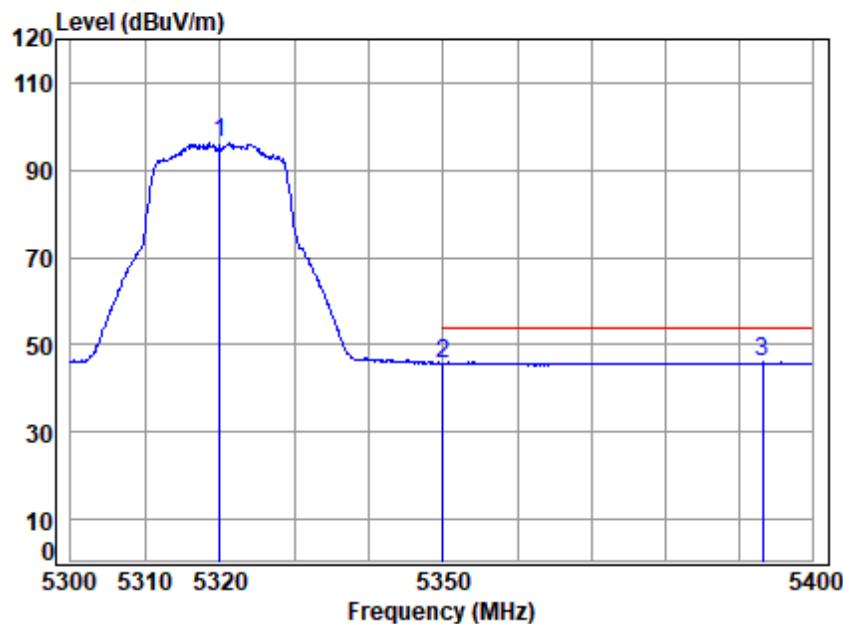
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.48	108.80	68.20	40.60 peak
2	5350.020	10.45	32.80	30.76	46.11	58.60	74.00	-15.40 peak
3	5395.762	10.61	32.80	30.74	47.23	59.90	74.00	-14.10 peak



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge
: 5G Wi-Fi 11n20

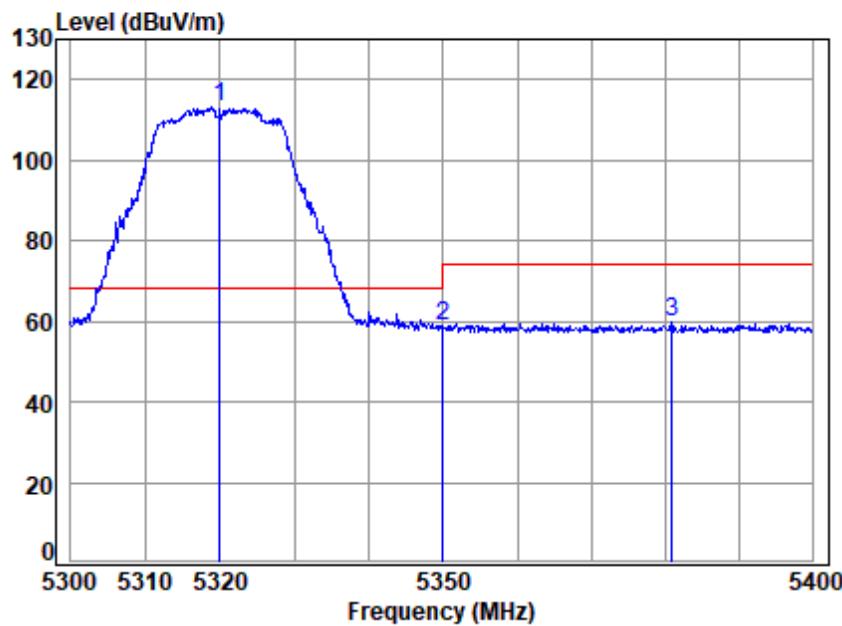
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	83.97	96.29	-----	Average
2	5350.020	10.45	32.80	30.76	33.30	45.79	54.00	-8.21 Average
3 pp	5393.342	10.60	32.80	30.74	33.35	46.01	54.00	-7.99 Average

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Test Mode: 19; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11n20

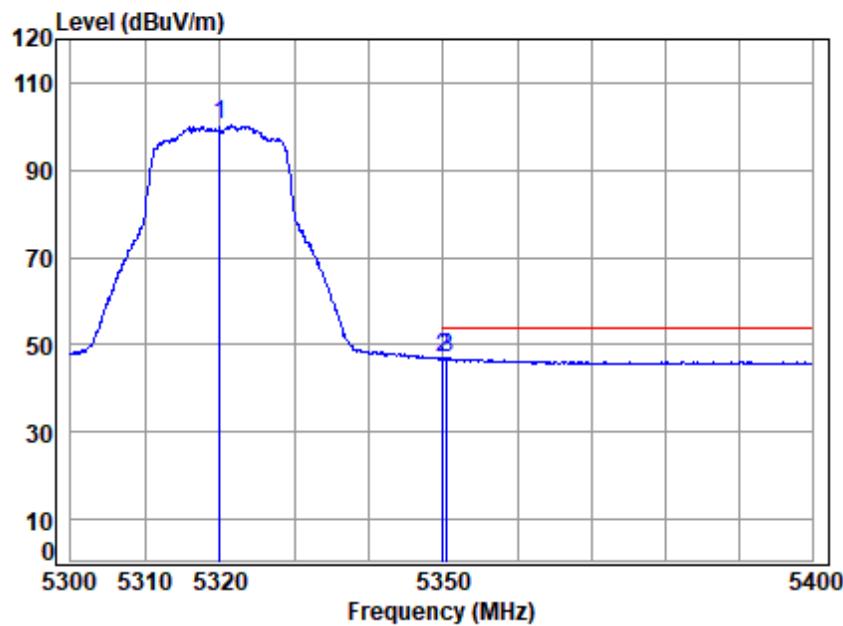
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	100.68	113.00	68.20	44.80 Peak
2	5350.020	10.45	32.80	30.76	46.17	58.66	74.00	-15.34 Peak
3	5380.957	10.56	32.80	30.75	47.04	59.65	74.00	-14.35 Peak



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Test Mode: 19; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11n20

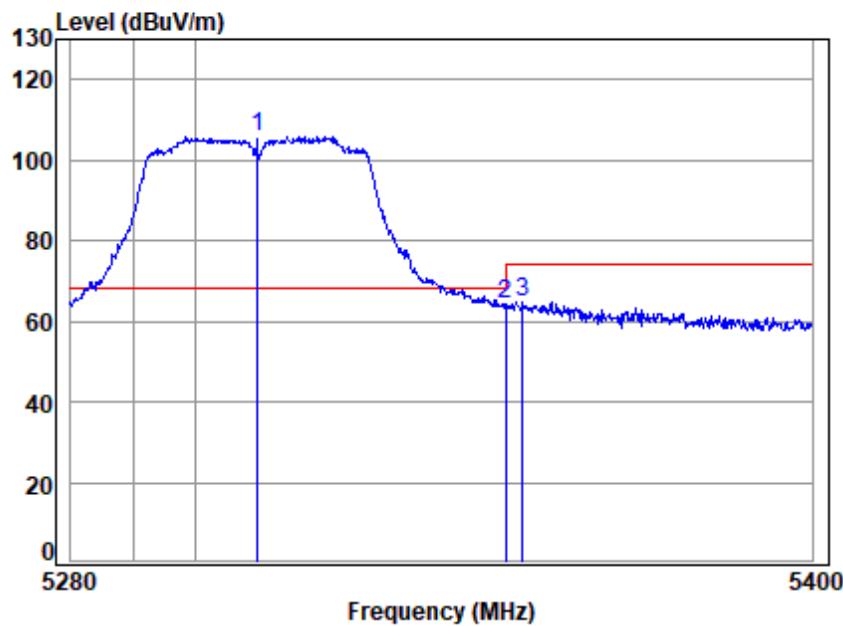
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	87.87	100.19	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.34	46.83	54.00	-7.17	Average
3 pp	5350.566	10.45	32.80	30.76	34.47	46.96	54.00	-7.04	Average



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5310 Band edge
: 5G Wi-Fi 11n40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	93.76	106.01	68.20	37.81 peak
2	5350.020	10.45	32.80	30.76	51.89	64.38	74.00	-9.62 peak
3	5352.879	10.46	32.80	30.76	52.40	64.90	74.00	-9.10 peak

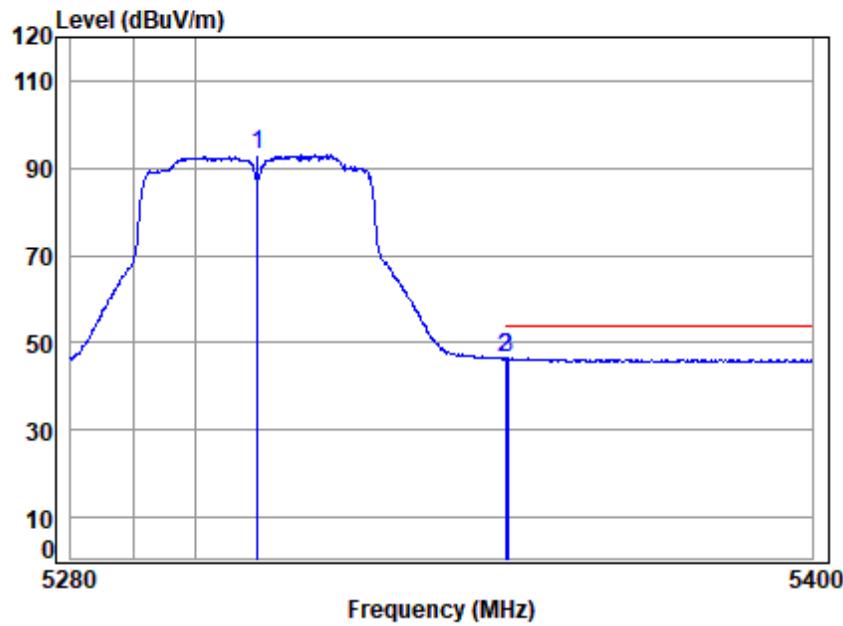
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Test Mode: 19; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5310 Band edge
: 5G Wi-Fi 11n40

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.78	80.71	92.96	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.85	46.34	54.00	-7.66 Average
3 pp	5350.474	10.45	32.80	30.76	33.96	46.45	54.00	-7.55 Average

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Shenzhen Branch (CN) SGS Laboratory

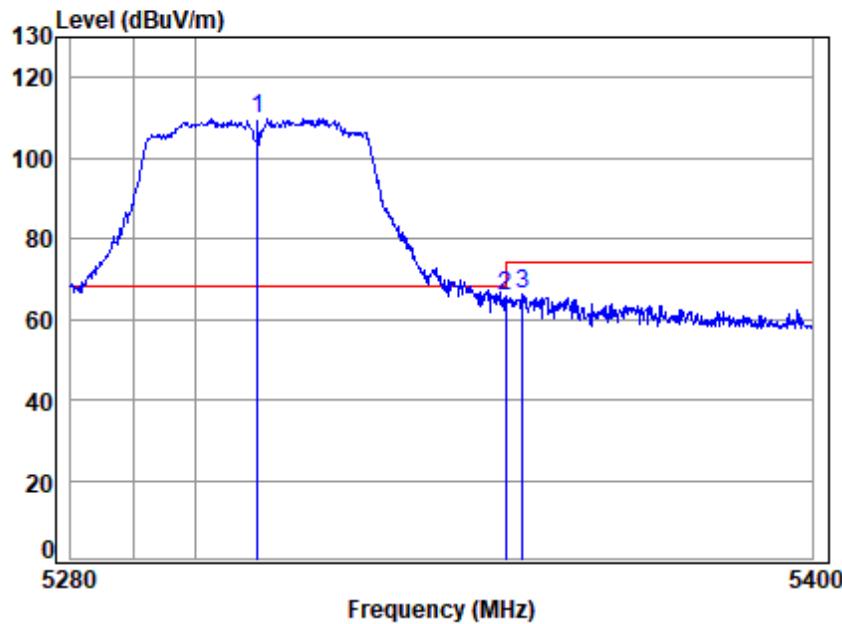
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Test Mode: 19; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5310 Band edge
: 5G Wi-Fi 11n40

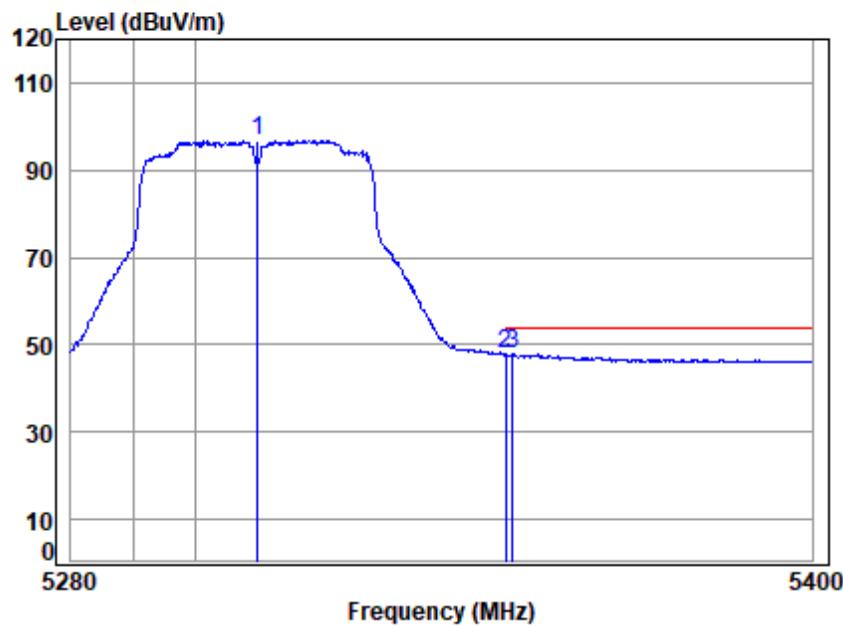
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	97.67	109.92	68.20	41.72 Peak
2	5350.020	10.45	32.80	30.76	53.29	65.78	74.00	-8.22 Peak
3	5352.759	10.46	32.80	30.76	53.65	66.15	74.00	-7.85 Peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5310 Band edge
: 5G Wi-Fi 11n40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5310.000	10.31	32.72	30.78	84.64	96.89	----- Average
2	5350.020	10.45	32.80	30.76	35.30	47.79	54.00 -6.21 Average
3 pp	5351.195	10.45	32.80	30.76	35.35	47.84	54.00 -6.16 Average

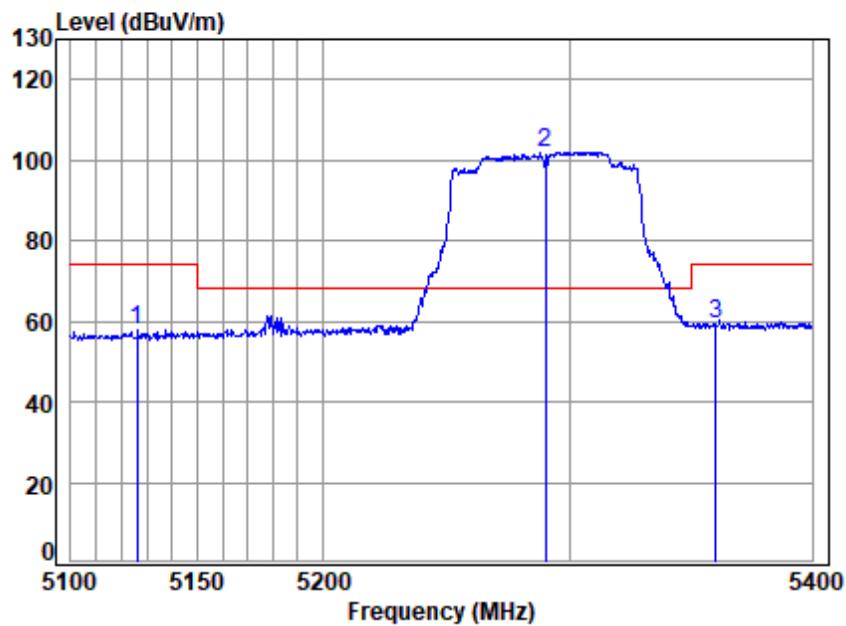
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Shenzhen Branch Testing Services LLC Laboratory.

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

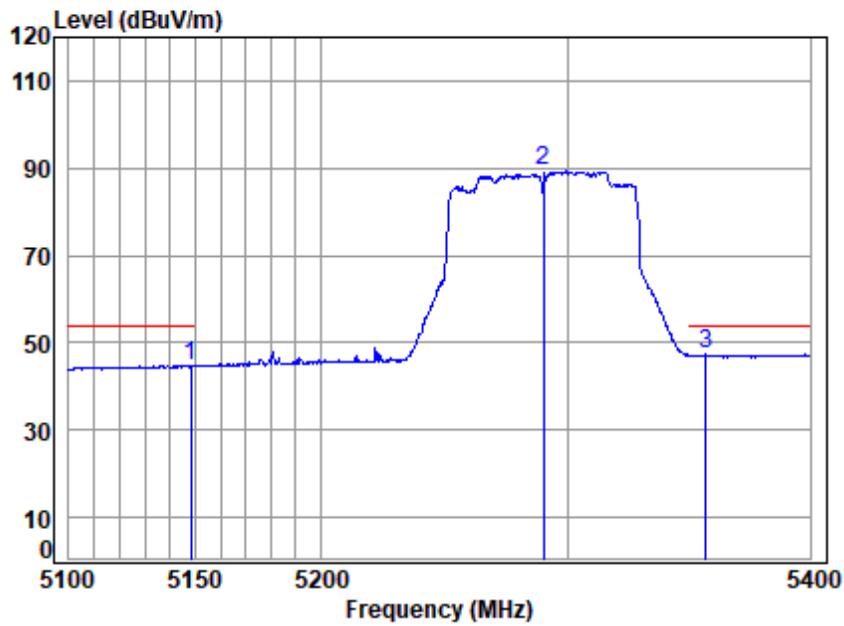
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5126.303	10.05	32.35	30.85	46.22	57.77	74.00	-16.23 peak
2 pp	5290.000	10.28	32.68	30.78	89.81	101.99	68.20	33.79 peak
3	5360.023	10.48	32.80	30.76	46.90	59.42	74.00	-14.58 peak



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge
: 5G Wi-Fi 11ac80

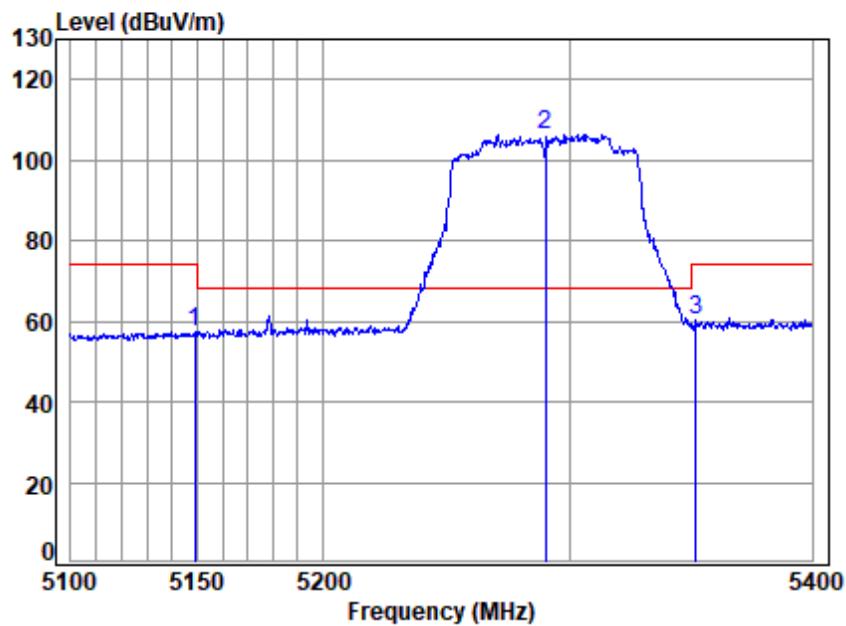
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1	5148.326	10.13	32.40	30.84	33.02	44.71	54.00	-9.29 Average
2	5290.000	10.28	32.68	30.78	77.06	89.24	-----	----- Average
3 pp	5356.960	10.47	32.80	30.76	34.75	47.26	54.00	-6.74 Average



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Test Mode: 19; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.209	10.14	32.40	30.84	45.72	57.42	74.00	-16.58 Peak
2 pp	5290.000	10.28	32.68	30.78	94.06	106.24	68.20	38.04 Peak
3	5351.758	10.46	32.80	30.76	47.75	60.25	74.00	-13.75 Peak

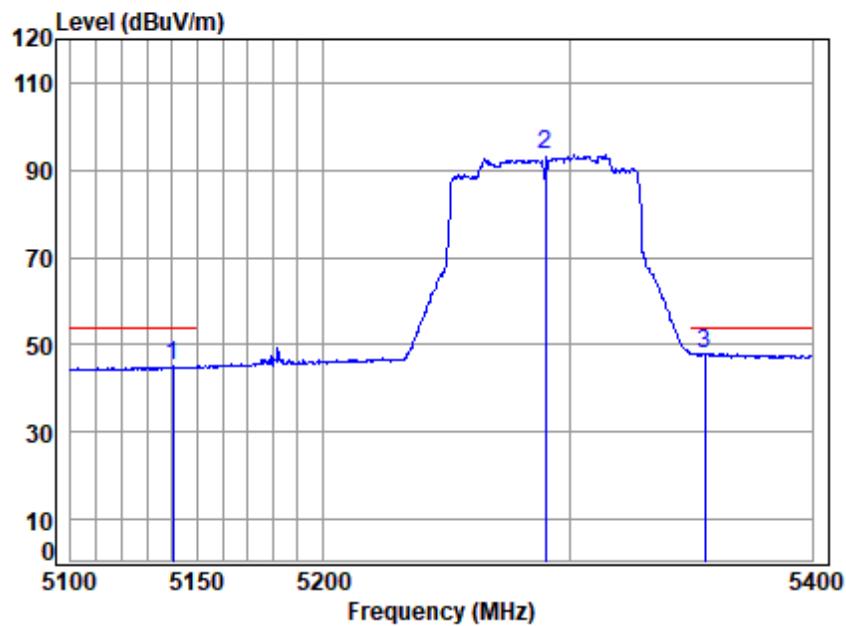
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Test Mode: 19; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge

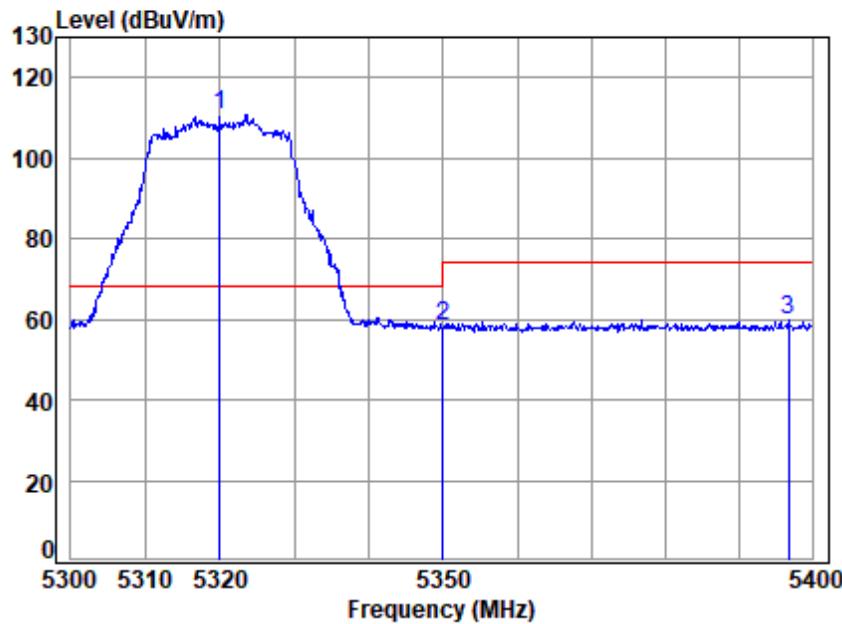
: 5G Wi-Fi 11ac80

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5140.387	10.10	32.38	30.84	33.30	44.94	54.00	-9.06 Average
2	5290.000	10.28	32.68	30.78	81.35	93.53	-----	----- Average
3 pp	5355.430	10.47	32.80	30.76	35.58	48.09	54.00	-5.91 Average

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

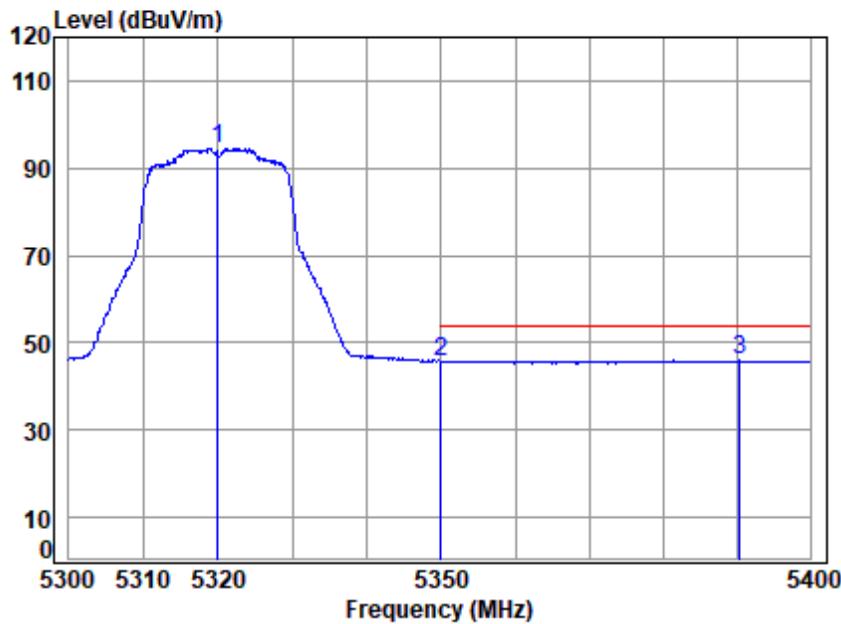
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5320.000	10.35	32.74	30.77	98.36	110.68	68.20	42.48 peak
2	5350.020	10.45	32.80	30.76	46.05	58.54	74.00	-15.46 peak
3	5396.771	10.61	32.80	30.74	47.17	59.84	74.00	-14.16 peak



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

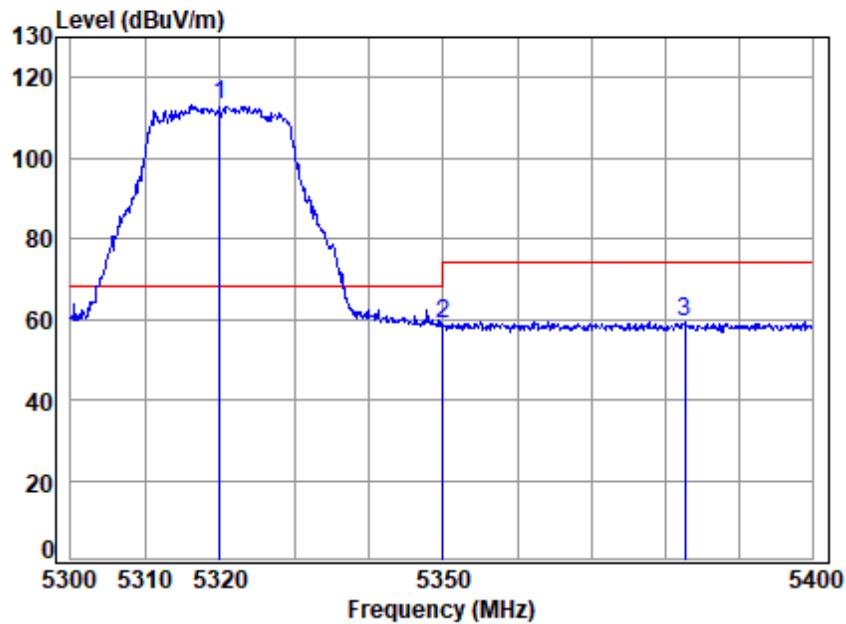
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	82.18	94.50	-----	Average
2	5350.020	10.45	32.80	30.76	33.28	45.77	54.00	-8.23 Average
3 pp	5390.419	10.59	32.80	30.74	33.33	45.98	54.00	-8.02 Average

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Test Mode: 19; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

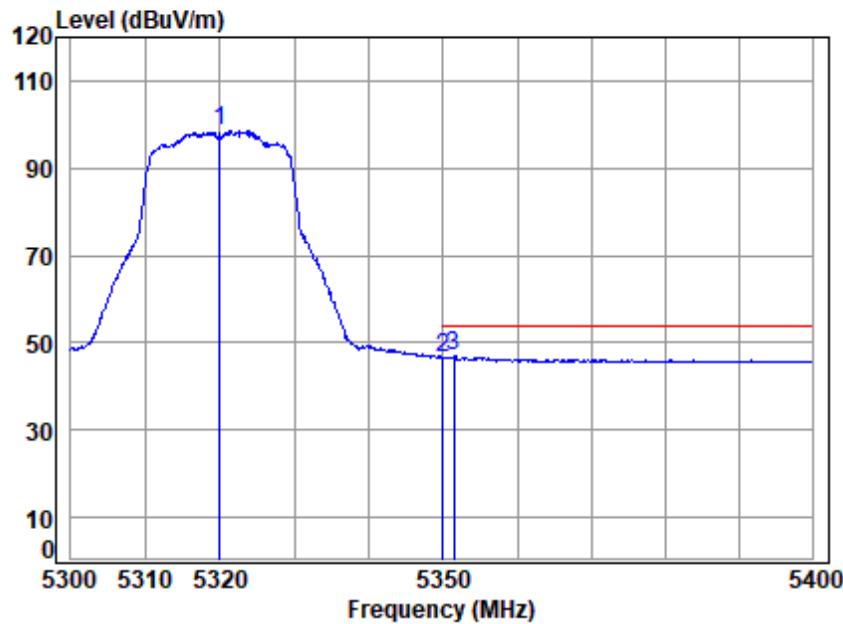
Job No : 01803AT/01804AT
Mode : 5320 Band edge
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5320.000	10.35	32.74	30.77	100.97	113.29	68.20	45.09 Peak
2	5350.020	10.45	32.80	30.76	46.42	58.91	74.00	-15.09 Peak
3	5382.667	10.56	32.80	30.75	46.80	59.41	74.00	-14.59 Peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

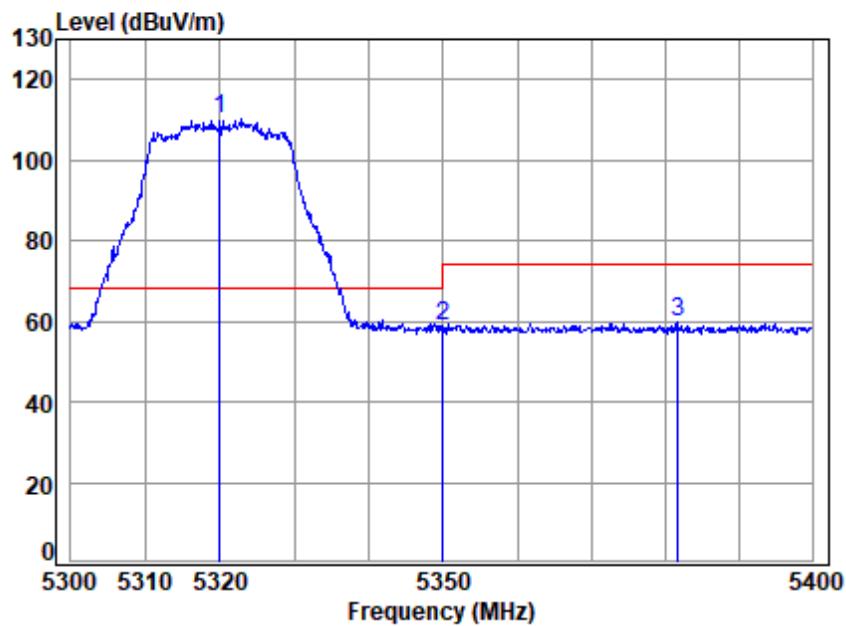
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	86.28	98.60	-----	Average
2	5350.020	10.45	32.80	30.76	34.22	46.71	54.00	-7.29 Average
3 pp	5351.467	10.45	32.80	30.76	34.41	46.90	54.00	-7.10 Average



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge

: 5G Wi-Fi 11be20

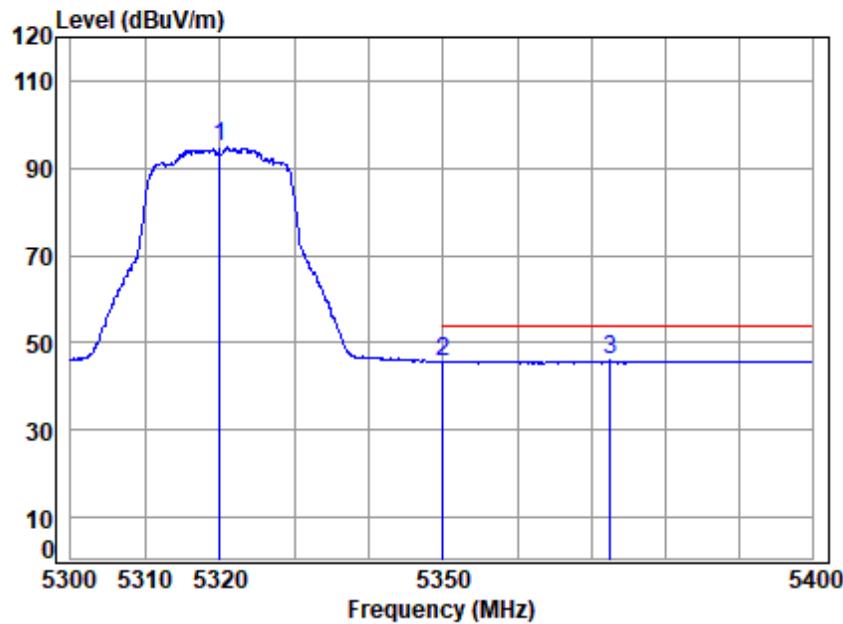
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5320.000	10.35	32.74	30.77	98.15	110.47	68.20	42.27 peak
2	5350.020	10.45	32.80	30.76	46.56	59.05	74.00	-14.95 peak
3	5381.761	10.56	32.80	30.75	47.07	59.68	74.00	-14.32 peak

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge
: 5G Wi-Fi 11be20

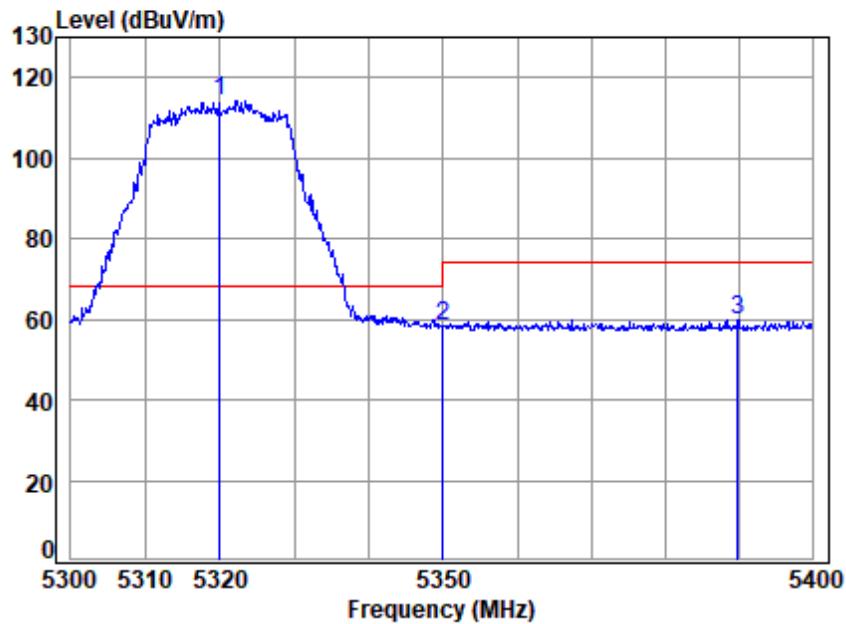
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	82.46	94.78	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.13	45.62	54.00	-8.38	Average
3 pp	5372.615	10.53	32.80	30.75	33.29	45.87	54.00	-8.13	Average

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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge

: 5G Wi-Fi 11be20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5320.000	10.35	32.74	30.77	101.99	114.31	68.20	46.11 Peak
2	5350.020	10.45	32.80	30.76	46.05	58.54	74.00	-15.46 Peak
3	5389.916	10.59	32.80	30.74	47.41	60.06	74.00	-13.94 Peak

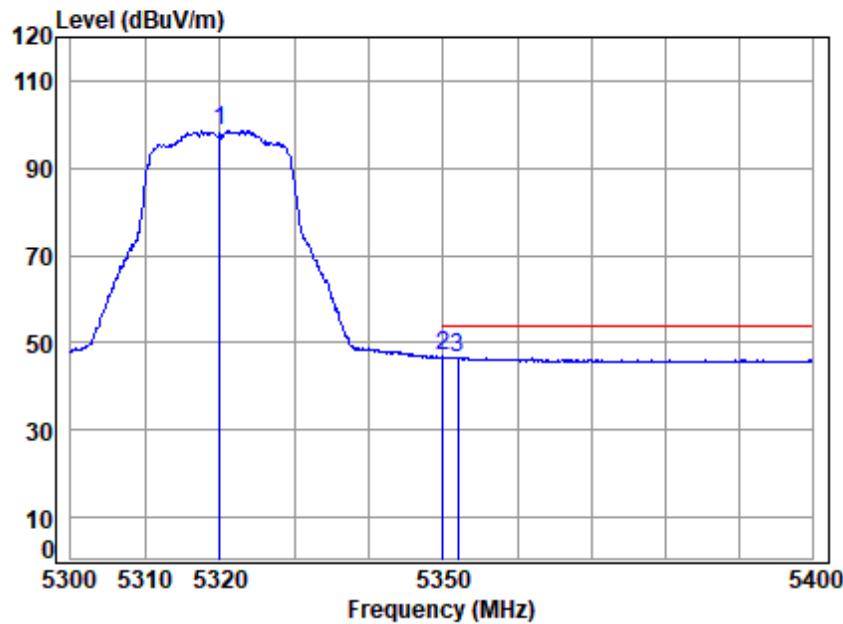
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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5320 Band edge
: 5G Wi-Fi 11be20

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1		5320.000	10.35	32.74	30.77	86.25	98.57	-----	Average
2 pp		5350.020	10.45	32.80	30.76	34.31	46.80	54.00	-7.20 Average
3		5351.967	10.46	32.80	30.76	34.18	46.68	54.00	-7.32 Average

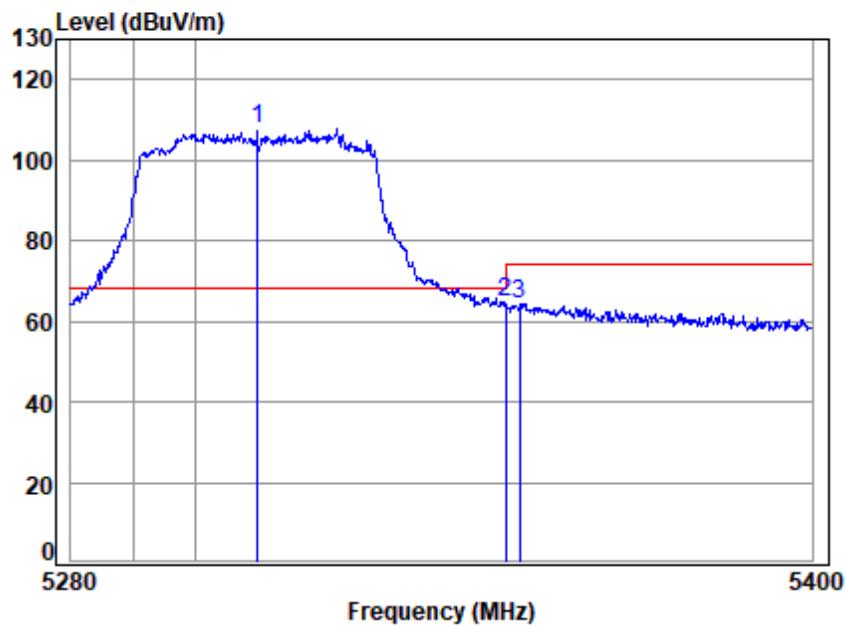
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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5310 Band edge
: 5G Wi-Fi 11be40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	95.50	107.75	68.20
2	5350.020	10.45	32.80	30.76	52.20	64.69	74.00
3	5352.398	10.46	32.80	30.76	51.95	64.45	74.00



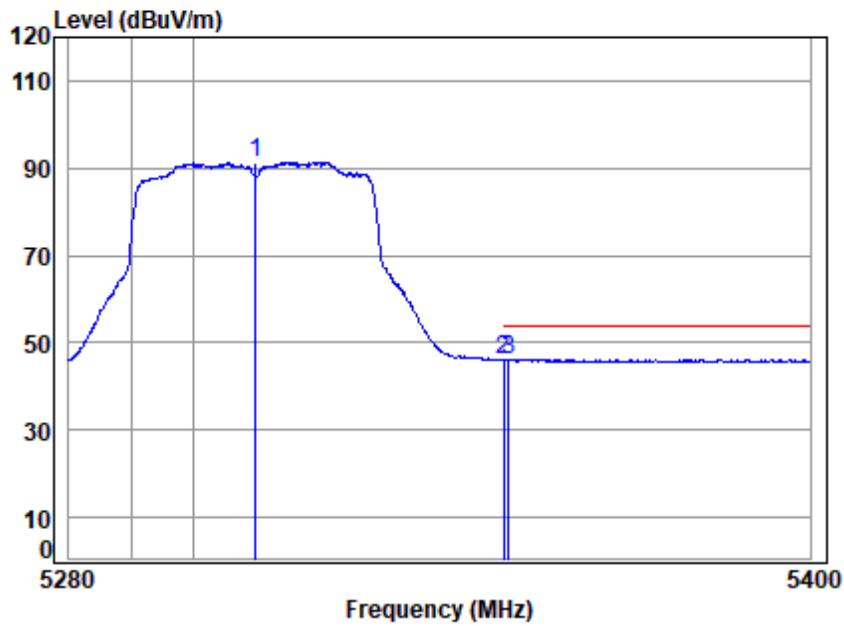
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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5310 Band edge

: 5G Wi-Fi 11be40

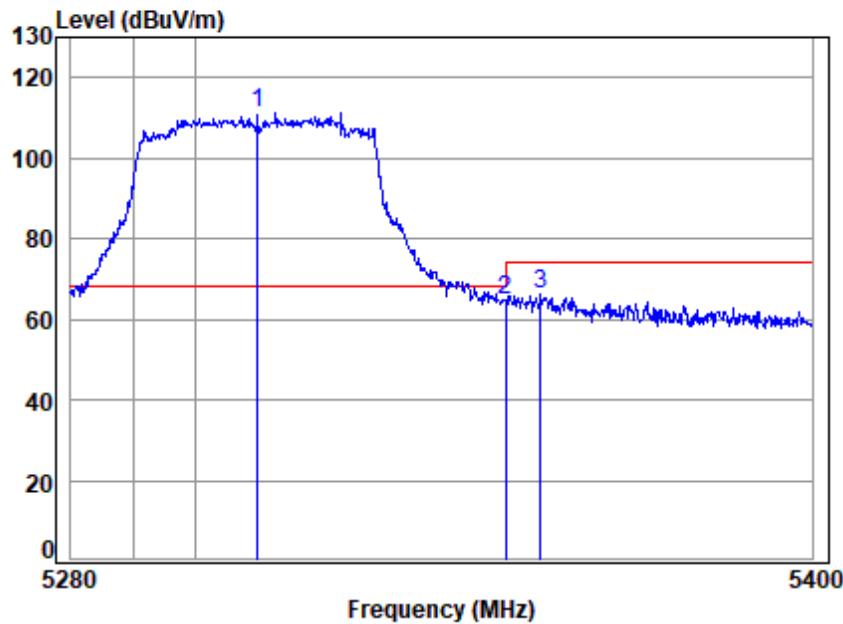
		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		5310.000	10.31	32.72	30.78	79.16	91.41	-----	-----	Average
2		5350.020	10.45	32.80	30.76	33.72	46.21	54.00	-7.79	Average
3 pp		5350.834	10.45	32.80	30.76	33.78	46.27	54.00	-7.73	Average

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Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5310 Band edge

: 5G Wi-Fi 11be40

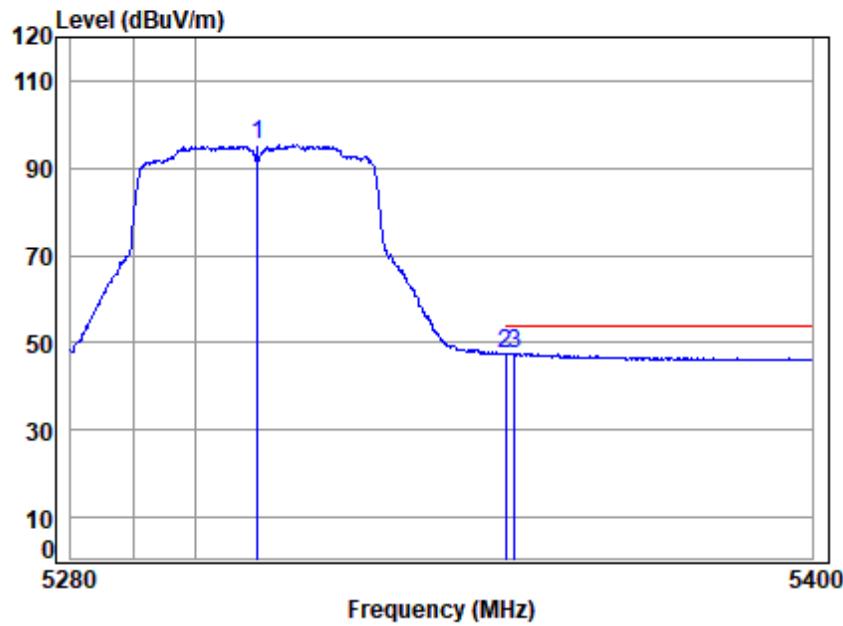
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5310.000	10.31	32.72	30.78	98.97	111.22	68.20	43.02 Peak
2		5350.020	10.45	32.80	30.76	52.23	64.72	74.00	-9.28 Peak
3		5355.767	10.47	32.80	30.76	53.80	66.31	74.00	-7.69 Peak



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Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5310 Band edge
: 5G Wi-Fi 11be40

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.78	83.08	95.33	-----	-----	Average
2	5350.020	10.45	32.80	30.76	35.02	47.51	54.00	-6.49	Average
3 pp	5351.556	10.46	32.80	30.76	35.06	47.56	54.00	-6.44	Average

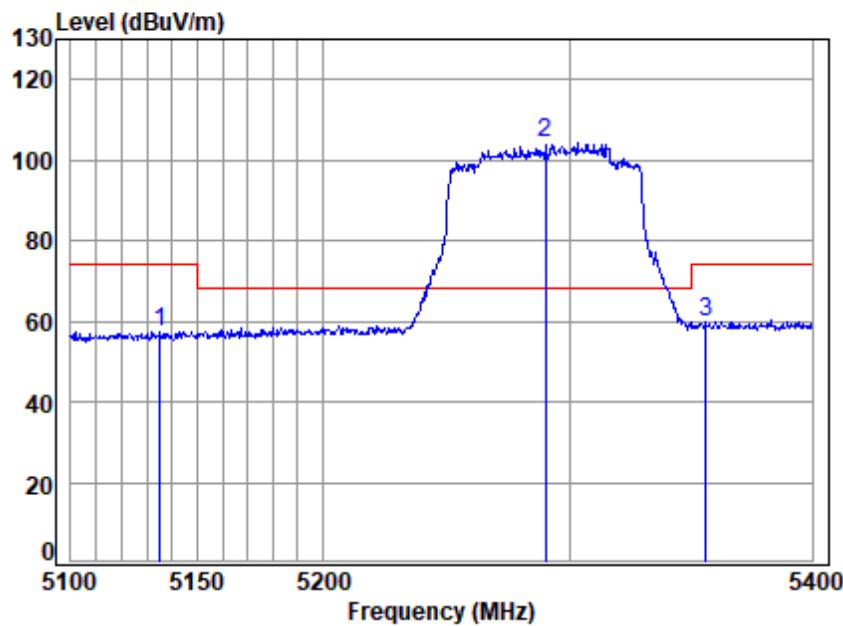
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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge

: 5G Wi-Fi 11be80

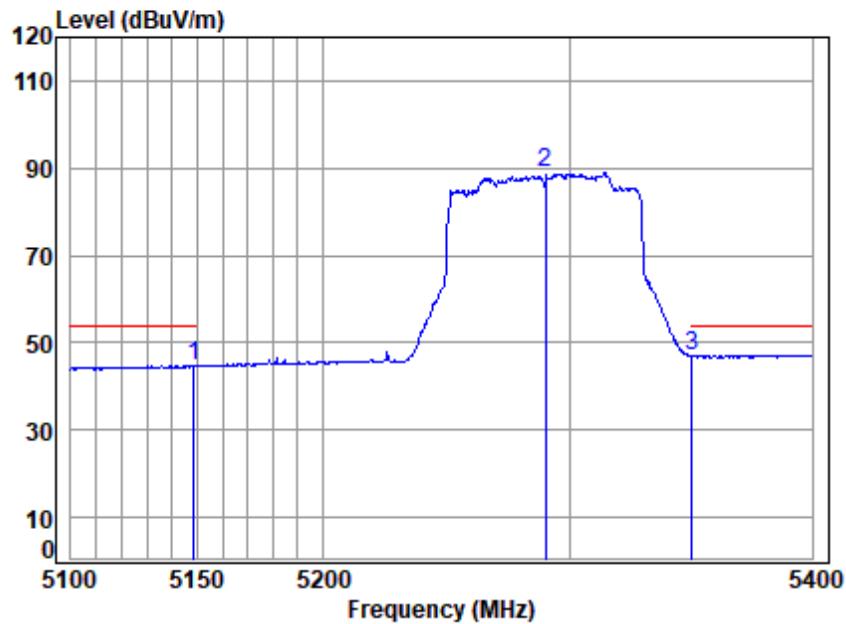
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5135.395	10.08	32.37	30.85	45.87	57.47	74.00	-16.53 peak
2 pp	5290.000	10.28	32.68	30.78	91.96	104.14	68.20	35.94 peak
3	5356.042	10.47	32.80	30.76	47.38	59.89	74.00	-14.11 peak

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge

: 5G Wi-Fi 11be80

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.621	10.13	32.40	30.84	32.99	44.68	54.00	-9.32	Average	
2	5290.000	10.28	32.68	30.78	76.61	88.79	-----	-----	Average	
3 pp	5350.229	10.45	32.80	30.76	34.61	47.10	54.00	-6.90	Average	

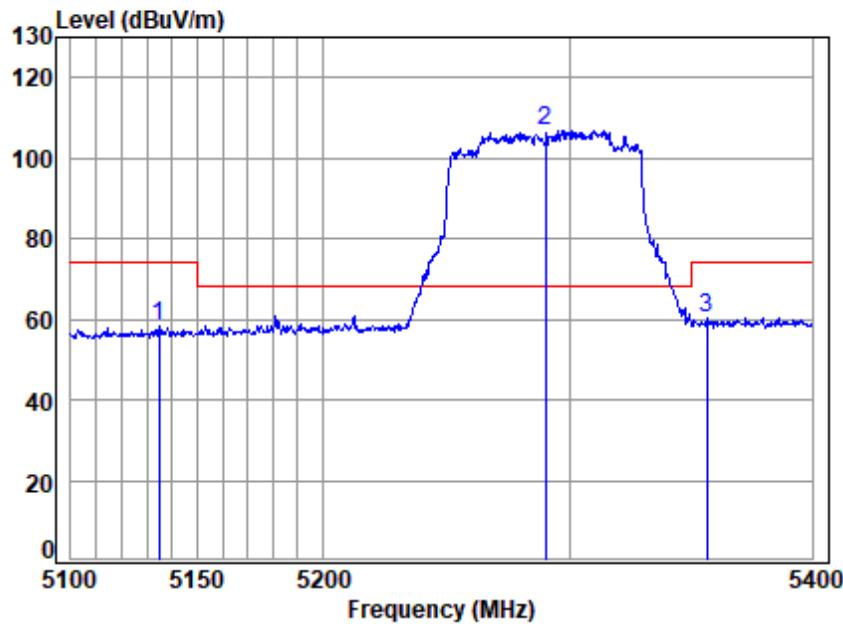
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Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge
: 5G Wi-Fi 11be80

		Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	Freq	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5134.808	10.08	32.37	30.85	46.50	58.10	74.00	-15.90	Peak
2 pp	5290.000	10.28	32.68	30.78	94.64	106.82	68.20	38.62	Peak
3	5356.348	10.47	32.80	30.76	47.95	60.46	74.00	-13.54	Peak

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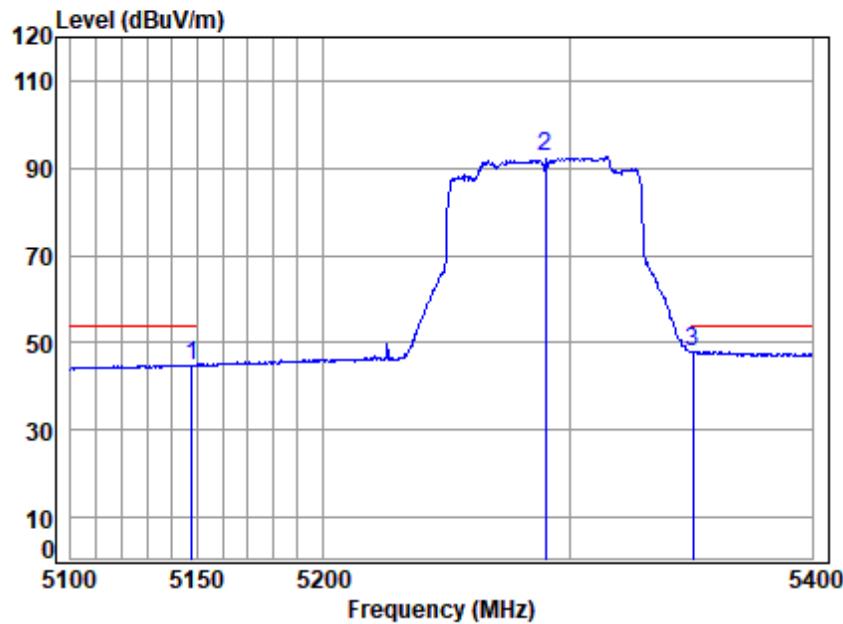
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Test Mode: 19; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5290 Band edge
: 5G Wi-Fi 11be80

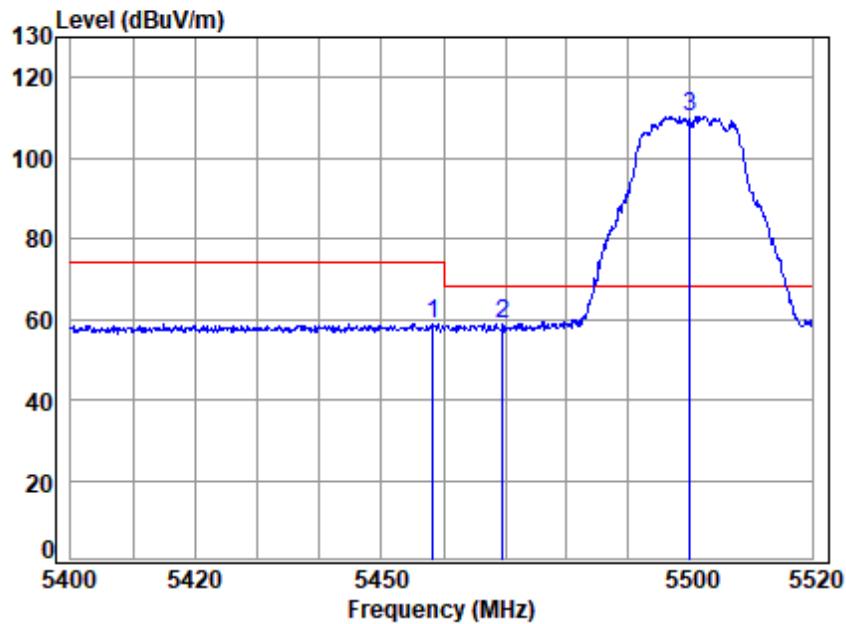
		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.738	10.13	32.40	30.84	33.23	44.92	54.00	-9.08	Average	
2	5290.000	10.28	32.68	30.78	80.41	92.59	-----	-----	Average	
3 pp	5350.535	10.45	32.80	30.76	35.63	48.12	54.00	-5.88	Average	

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

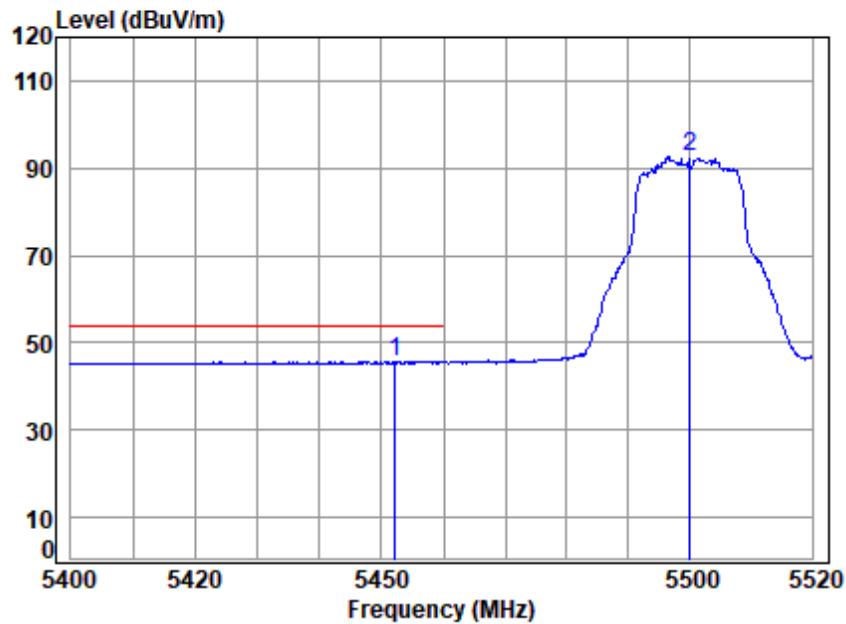
		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.351	10.60	32.90	30.72	46.17	58.95	74.00	-15.05	peak	
2	5469.639	10.59	32.90	30.71	46.01	58.79	68.20	-9.41	peak	
3 pp	5500.000	10.58	32.90	30.70	97.69	110.47	68.20	42.27	peak	



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge
: 5G Wi-Fi 11a

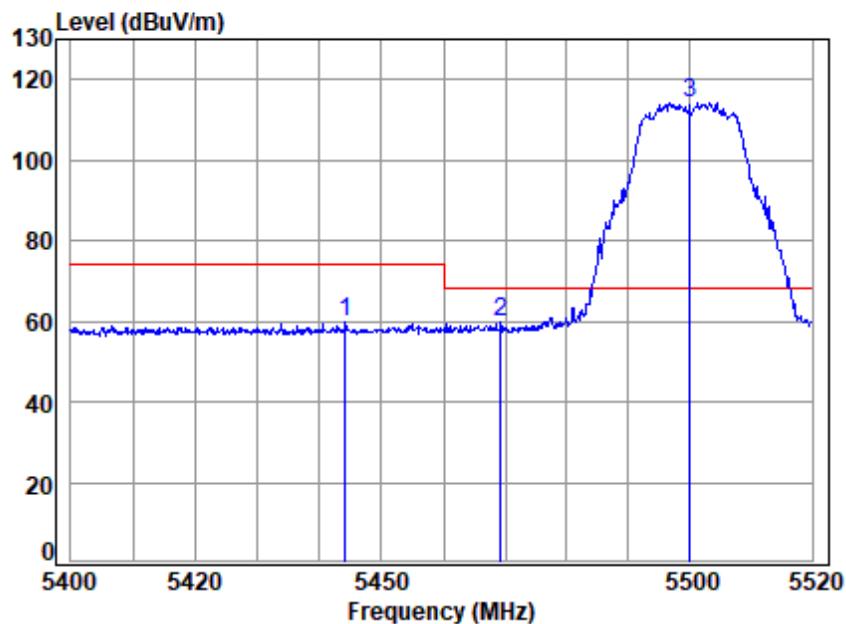
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5452.235	10.60	32.90	30.72	32.88	45.66	54.00 -8.34 Average
2	5500.000	10.58	32.90	30.70	79.70	92.48	----- ----- Average



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Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5500 Band edge
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5444.212	10.60	32.89	30.72	46.81	59.58	74.00 -14.42 Peak
2	5469.279	10.59	32.90	30.71	47.07	59.85	68.20 -8.35 peak
3 pp	5500.000	10.58	32.90	30.70	101.36	114.14	68.20 45.94 Peak

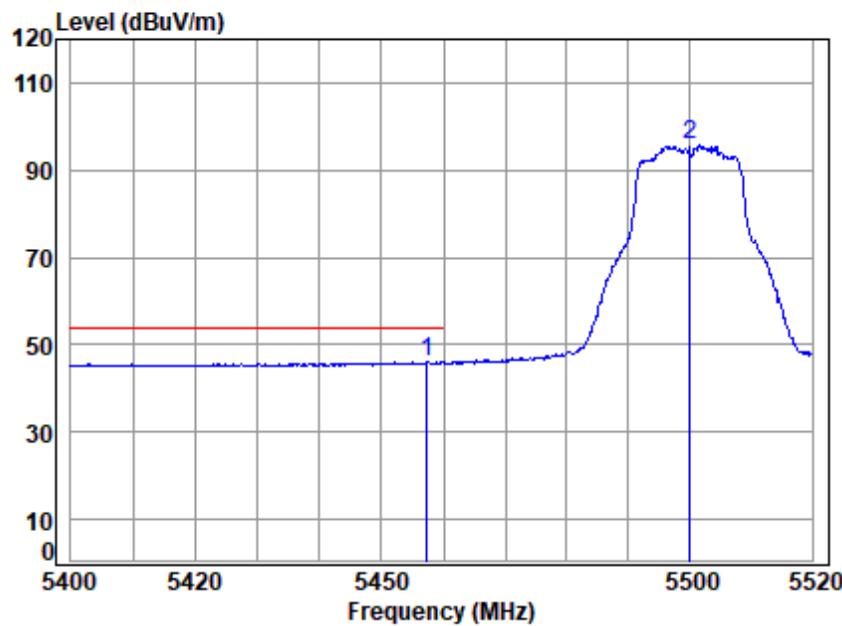
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Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5500 Band edge
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5457.391	10.60	32.90	30.72	33.23	46.01	54.00 -7.99 Average
2	5500.000	10.58	32.90	30.70	82.84	95.62	----- ----- Average

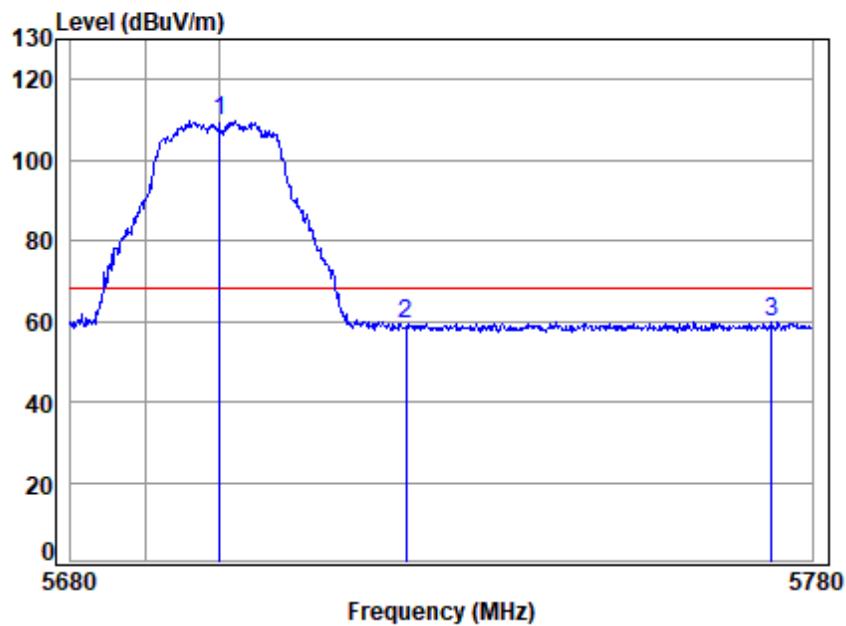
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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5700 Band edge
: 5G Wi-Fi 11a

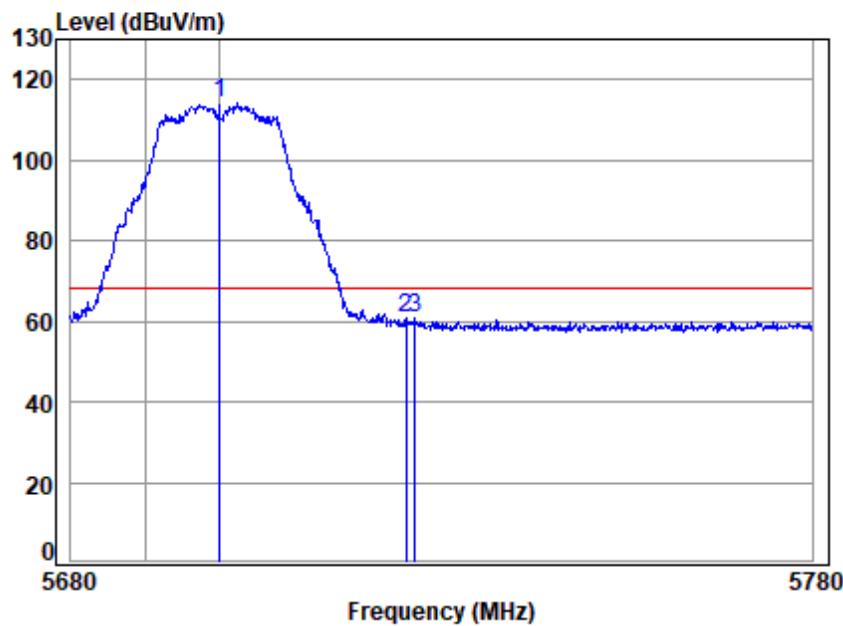
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5700.000	10.56	33.20	30.62	96.50	109.64	68.20	41.44 peak
2	5725.000	10.68	33.25	30.61	46.19	59.51	68.20	-8.69 peak
3	5774.455	10.90	33.35	30.59	46.29	59.95	68.20	-8.25 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5700 Band edge
: 5G Wi-Fi 11a

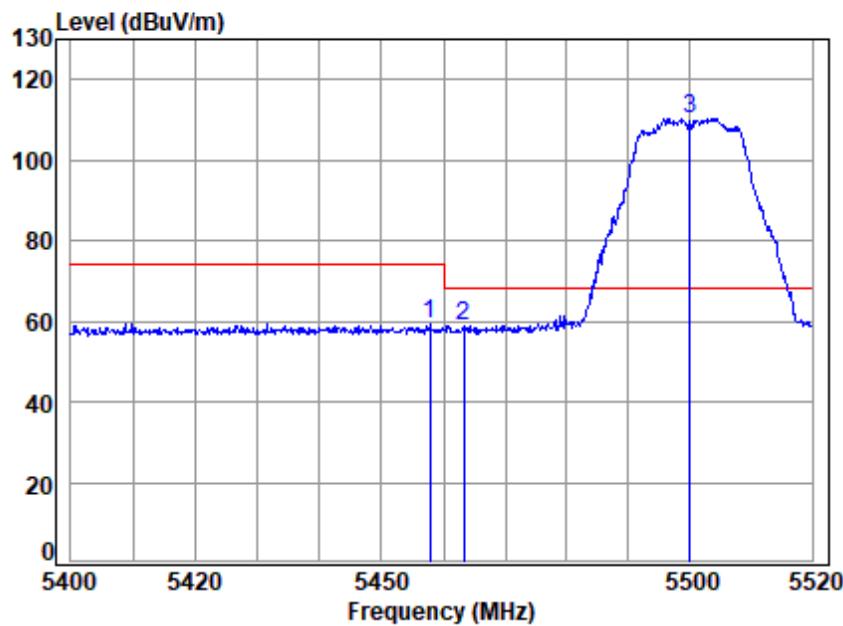
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5700.000	10.56	33.20	30.62	100.83	113.97	68.20 45.77 Peak
2	5725.000	10.68	33.25	30.61	47.69	61.01	68.20 -7.19 Peak
3	5726.283	10.68	33.25	30.61	47.69	61.01	68.20 -7.19 Peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge
: 5G Wi-Fi 11n20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5457.871	10.60	32.90	30.72	46.38	59.16	74.00 -14.84 peak
2	5463.271	10.59	32.90	30.71	46.13	58.91	68.20 -9.29 peak
3 pp	5500.000	10.58	32.90	30.70	97.51	110.29	68.20 42.09 peak

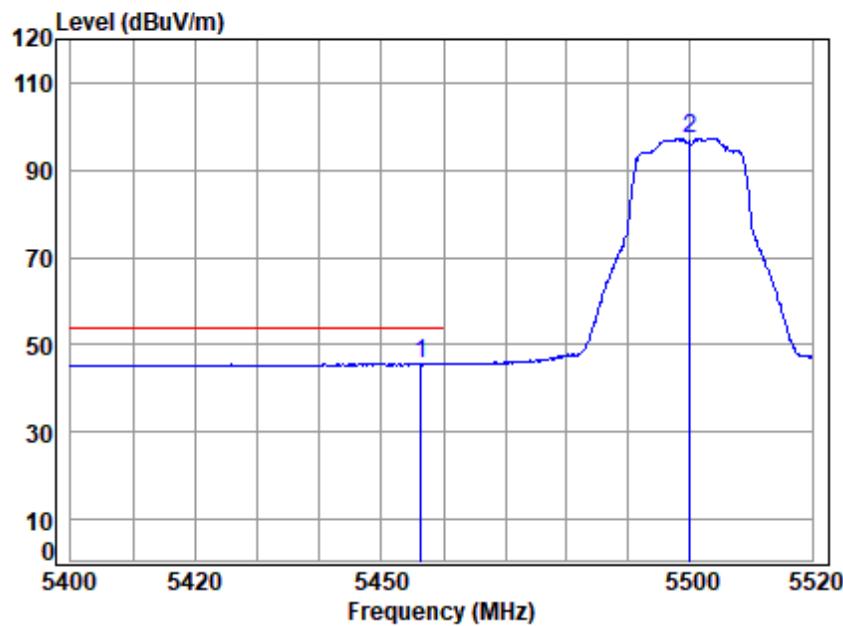
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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge
: 5G Wi-Fi 11n20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5456.431	10.60	32.90	30.72	33.07	45.85	54.00	-8.15 Average
2	5500.000	10.58	32.90	30.70	84.60	97.38	-----	----- Average

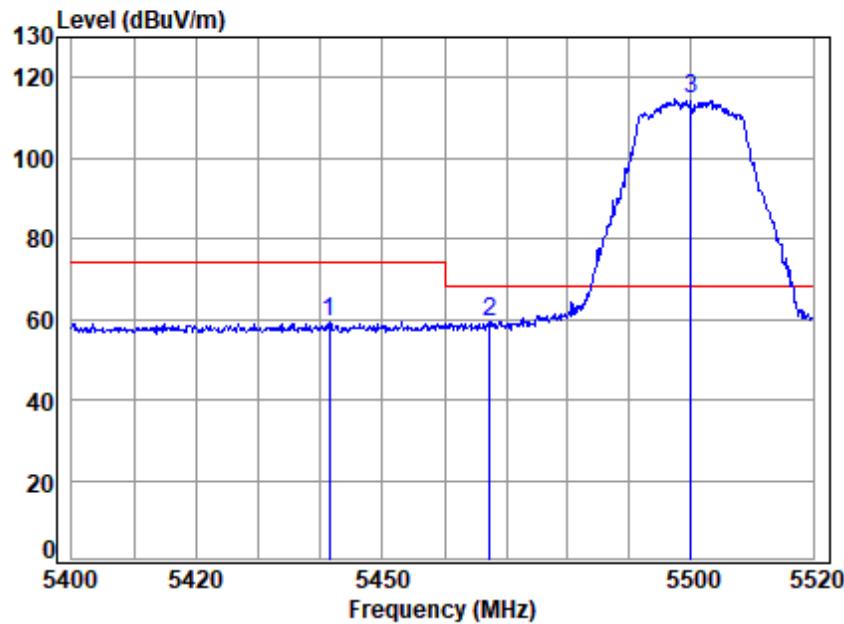
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Test Mode: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5500 Band edge
: 5G Wi-Fi 11n20

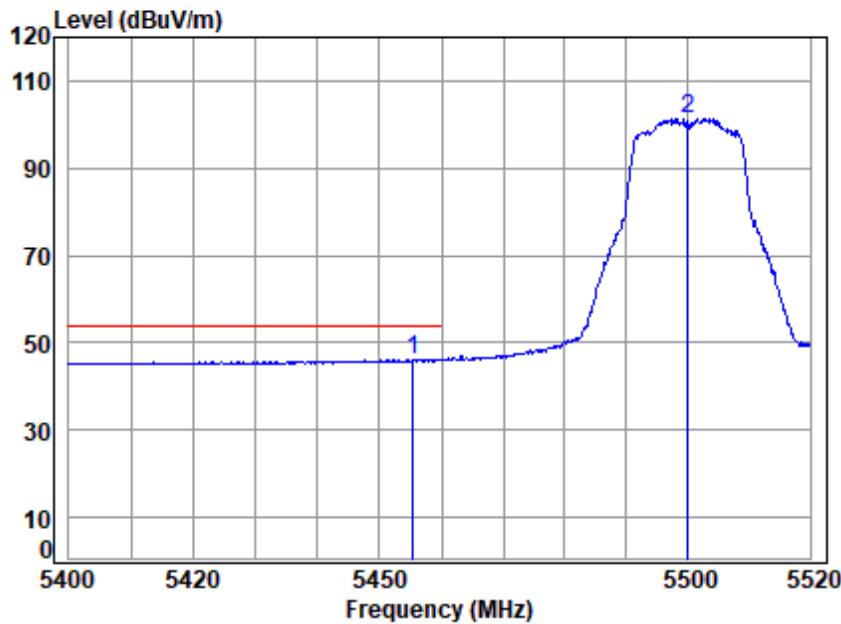
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5441.341	10.60	32.88	30.72	46.39	59.15	74.00 -14.85 Peak
2	5467.355	10.59	32.90	30.71	46.53	59.31	68.20 -8.89 peak
3 pp	5500.000	10.58	32.90	30.70	101.80	114.58	68.20 46.38 Peak



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Test Mode: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

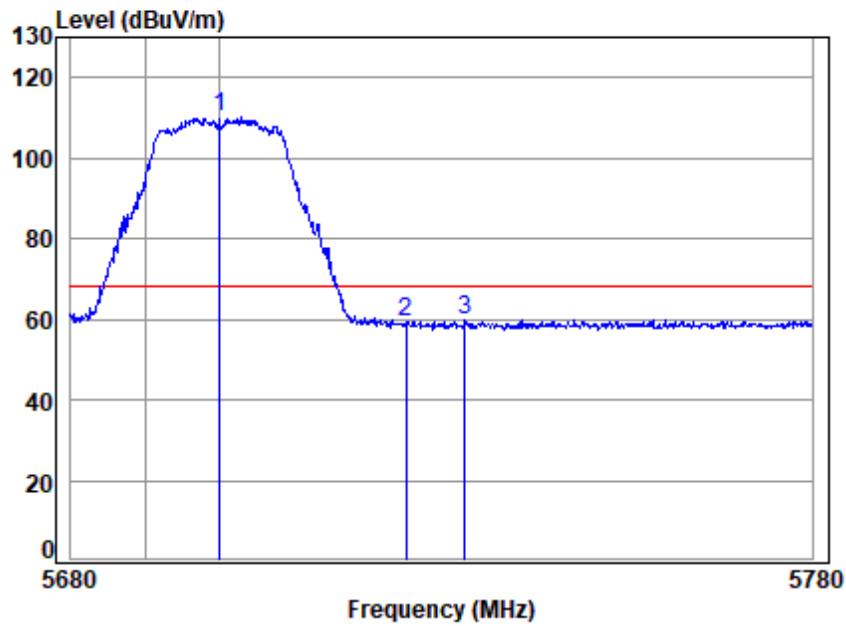
Job No : 01803AT/01804AT
Mode : 5500 Band edge
: 5G Wi-Fi 11n20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5455.472	10.60	32.90	30.72	33.52	46.30	54.00	-7.70 Average
2	5500.000	10.58	32.90	30.70	88.61	101.39	-----	----- Average

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5700 Band edge
: 5G Wi-Fi 11n20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5700.000	10.56	33.20	30.62	97.19	110.33	68.20	42.13 peak
2	5725.000	10.68	33.25	30.61	46.24	59.56	68.20	-8.64 peak
3	5732.983	10.71	33.27	30.61	46.45	59.82	68.20	-8.38 peak



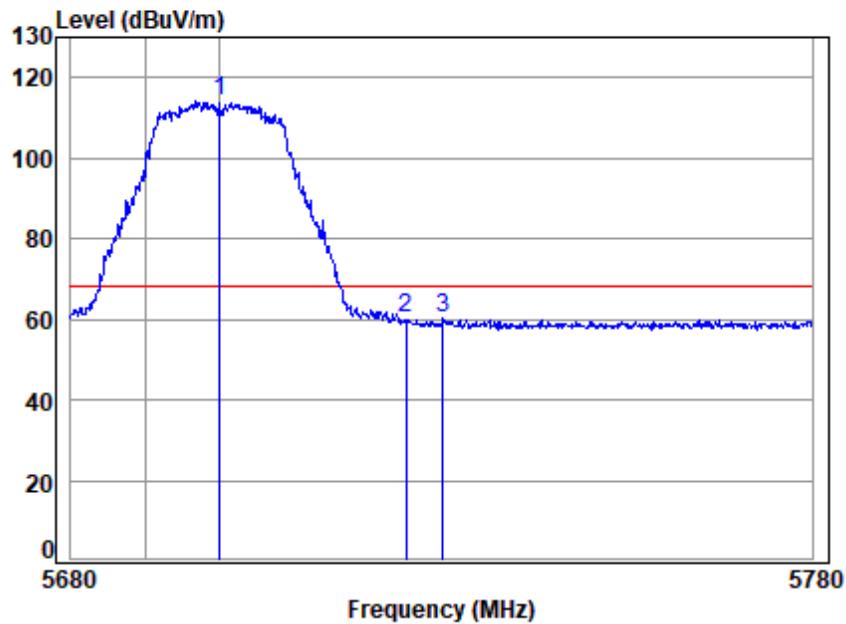
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Laboratory

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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: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5700 Band edge
: 5G Wi-Fi 11n20

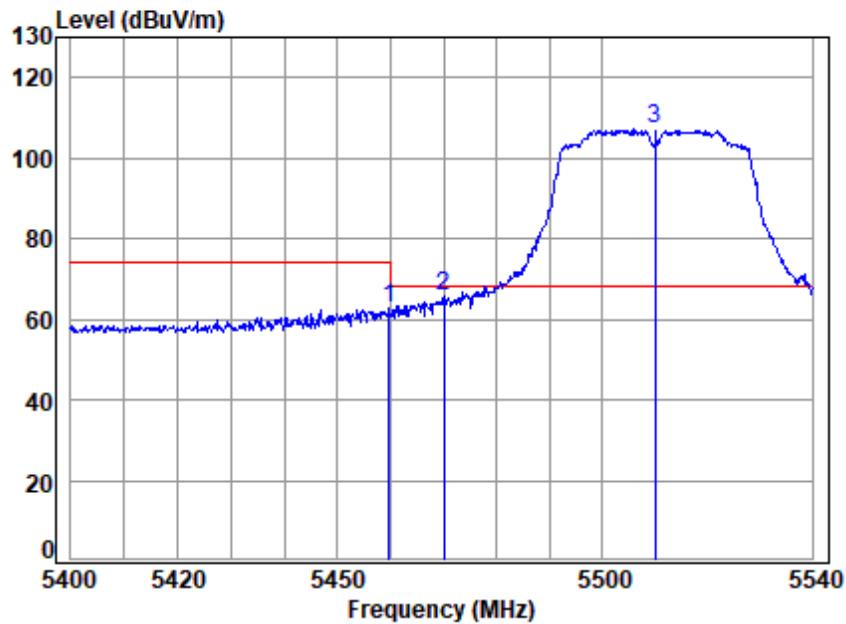
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5700.000	10.56	33.20	30.62	100.95	114.09	68.20	45.89 Peak
2	5725.000	10.68	33.25	30.61	46.85	60.17	68.20	-8.03 Peak
3	5729.982	10.70	33.26	30.61	46.82	60.17	68.20	-8.03 Peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



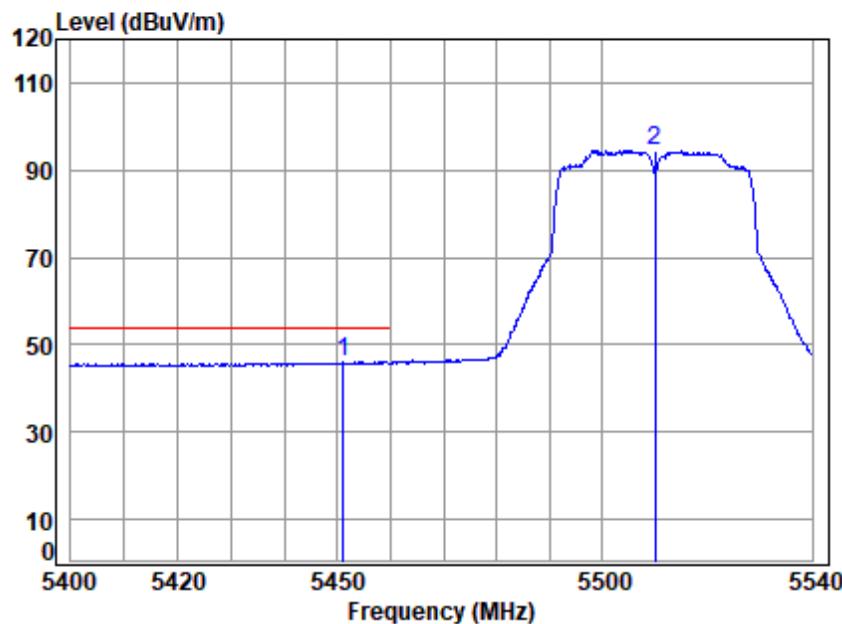
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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT
Mode : 5510 Band edge
: 5G Wi-Fi 11n40

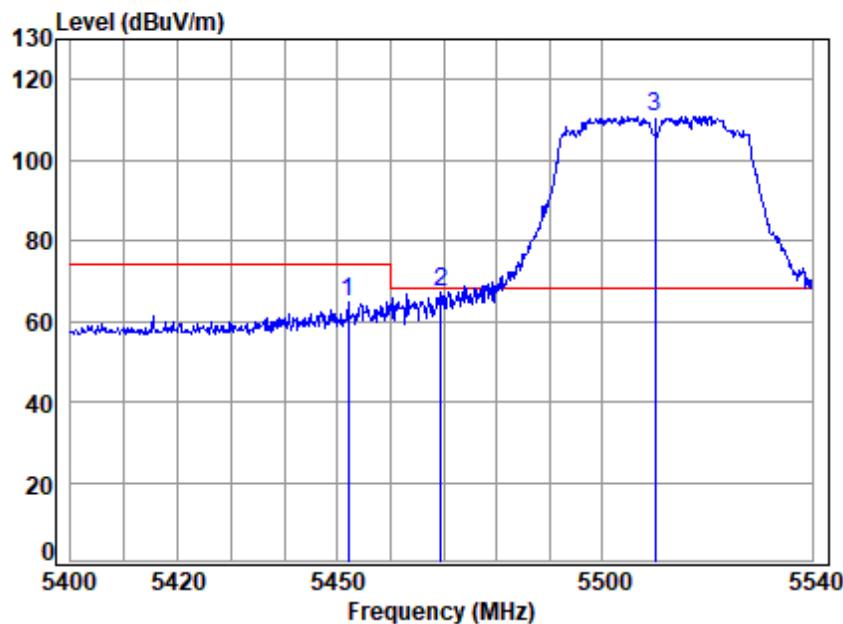
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5451.104	10.60	32.90	30.72	33.32	46.10	54.00 -7.90 Average
2	5510.000	10.56	32.90	30.70	81.67	94.43	----- ----- Average



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Test Mode: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5510 Band edge
: 5G Wi-Fi 11n40

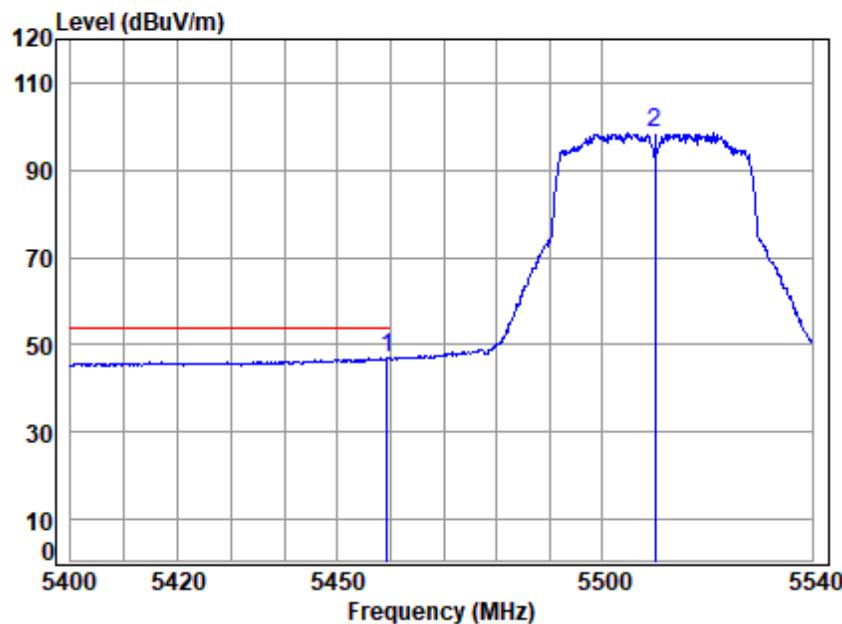
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5451.941	10.60	32.90	30.72	51.79	64.57	74.00	-9.43 Peak
2	5469.412	10.59	32.90	30.71	54.23	67.01	68.20	-1.19 peak
3 pp	5510.000	10.56	32.90	30.70	98.13	110.89	68.20	42.69 Peak



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Test Mode: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

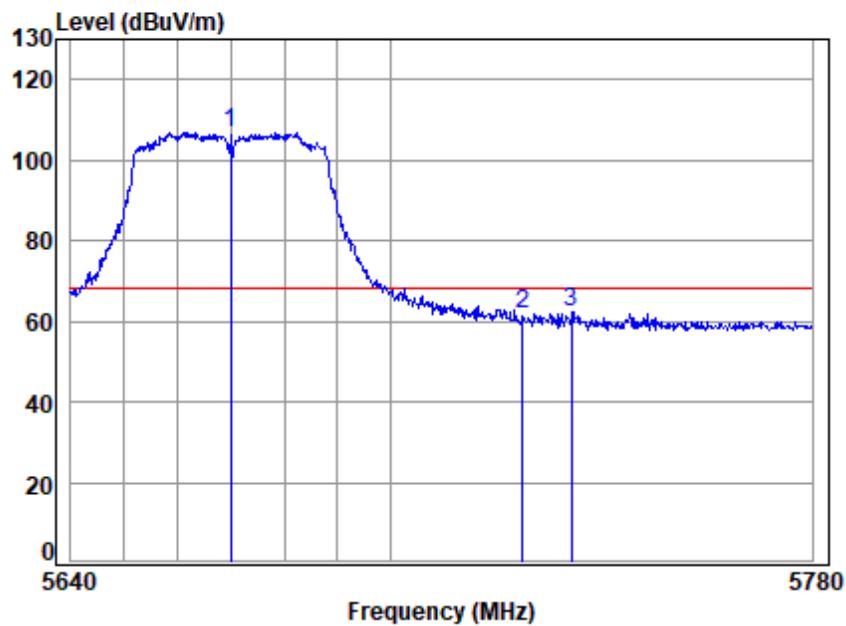
Job No : 01803AT/01804AT
Mode : 5510 Band edge
: 5G Wi-Fi 11n40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5459.342	10.60	32.90	30.72	34.17	46.95	54.00	-7.05 Average
2	5510.000	10.56	32.90	30.70	85.67	98.43	-----	----- Average

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5670 Band edge
: 5G Wi-Fi 11n40

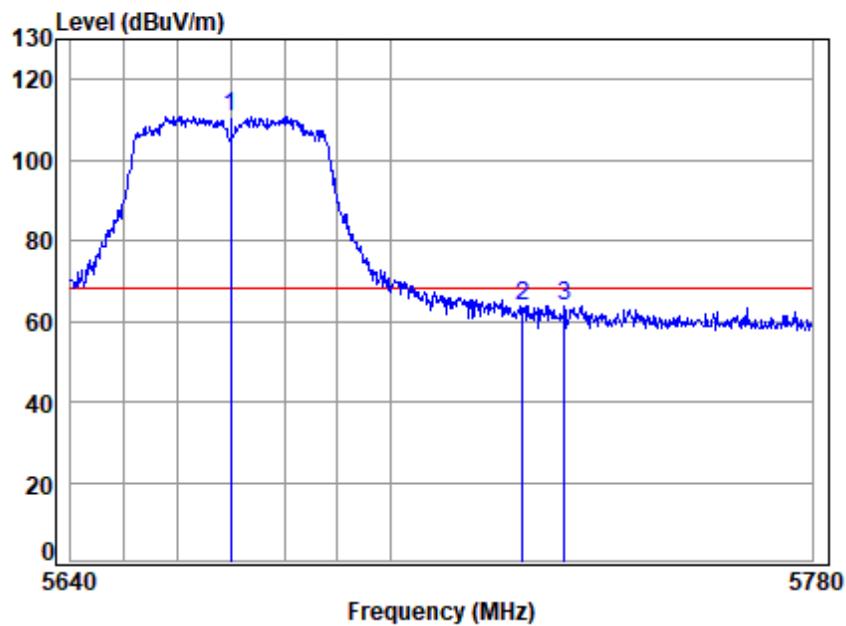
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5670.000	10.52	33.14	30.63	93.81	106.84	68.20	38.64 peak
2	5725.000	10.68	33.25	30.61	48.63	61.95	68.20	-6.25 peak
3	5734.264	10.72	33.27	30.61	48.86	62.24	68.20	-5.96 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5670 Band edge
: 5G Wi-Fi 11n40

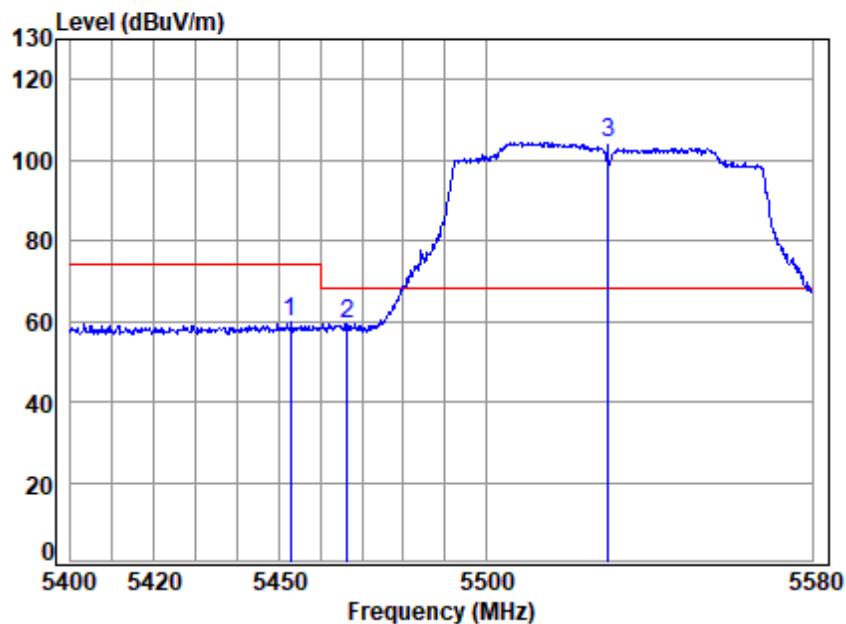
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5670.000	10.52	33.14	30.63	97.63	110.66	68.20	42.46 Peak
2	5725.000	10.68	33.25	30.61	50.42	63.74	68.20	-4.46 Peak
3	5732.858	10.71	33.27	30.61	50.52	63.89	68.20	-4.31 Peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5530 Band edge
: 5G Wi-Fi 11ac80

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5452.845	10.60	32.90	30.72	46.90	59.68	74.00 -14.32 peak
2	5466.451	10.59	32.90	30.71	46.66	59.44	68.20 -8.76 peak
3 pp	5530.000	10.53	32.90	30.69	91.67	104.41	68.20 36.21 peak

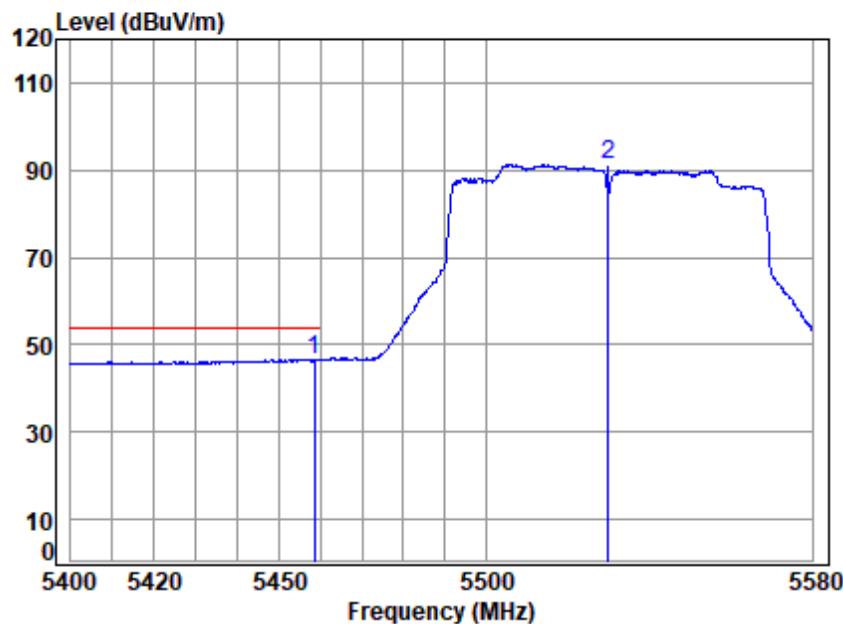
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Shenzhen Branch Testing Services Laboratory.

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

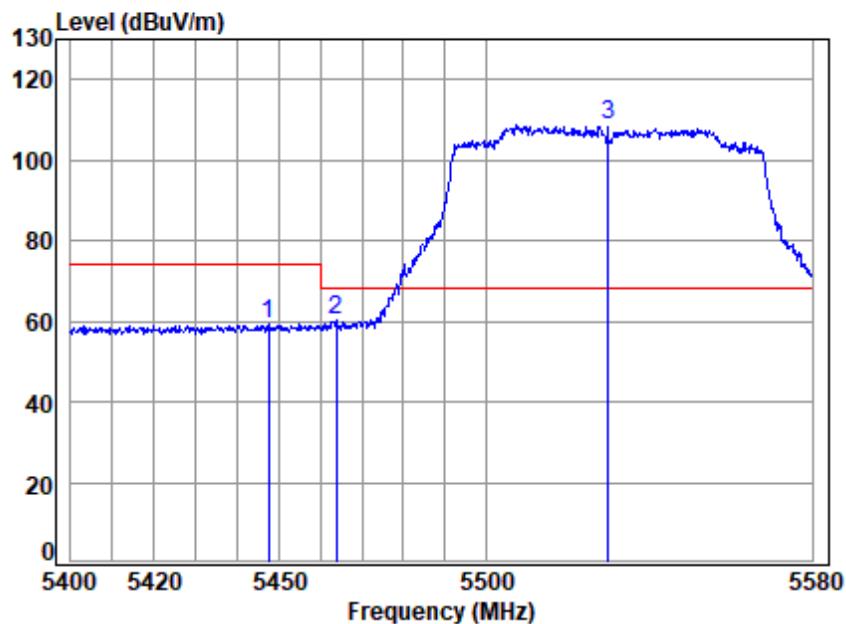
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5458.570	10.60	32.90	30.72	33.87	46.65	54.00 -7.35 Average
2	5530.000	10.53	32.90	30.69	78.58	91.32	----- ----- Average



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Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

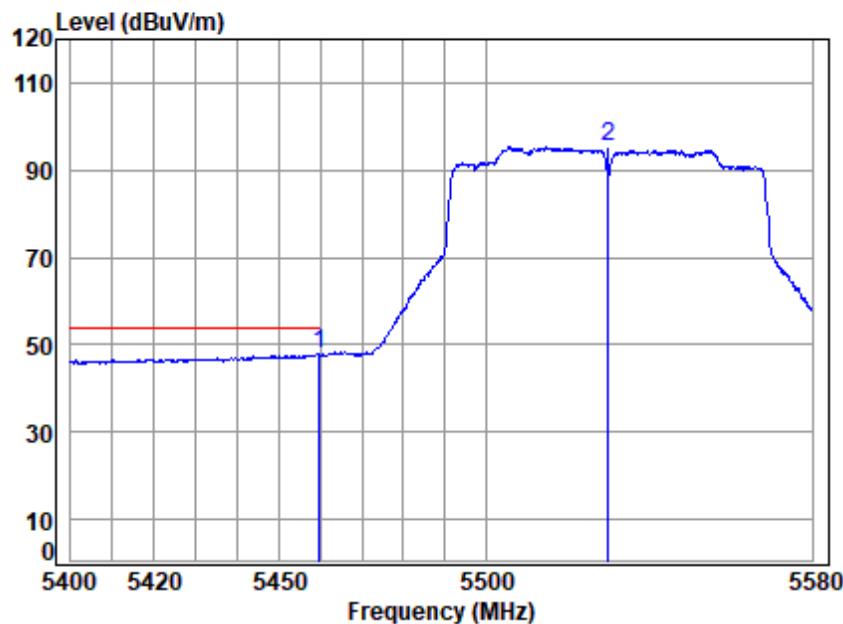
Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5447.484	10.60	32.89	30.72	46.56	59.33	74.00	-14.67 Peak
2	5463.763	10.59	32.90	30.71	47.70	60.48	68.20	-7.72 peak
3 pp	5530.000	10.53	32.90	30.69	95.83	108.57	68.20	40.37 Peak



Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5530 Band edge
: 5G Wi-Fi 11ac80

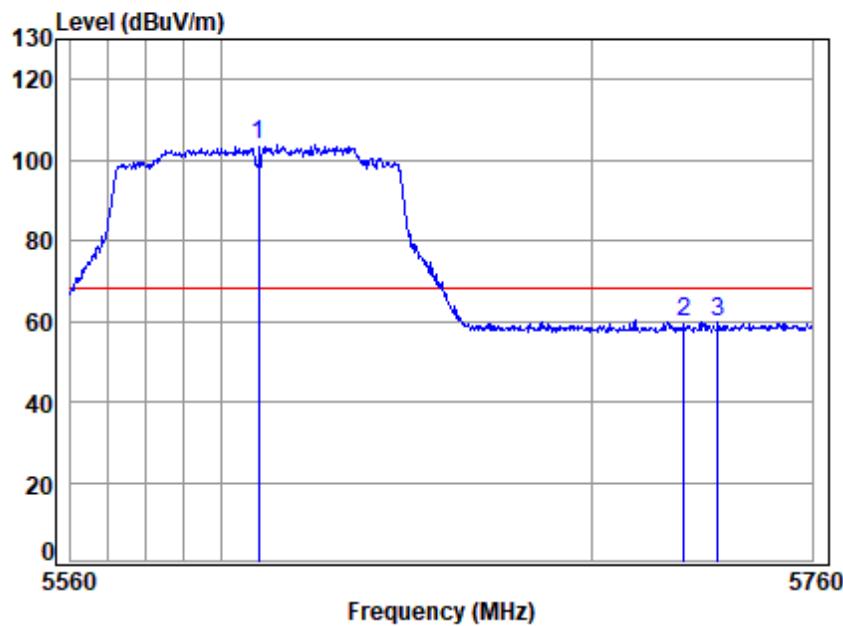
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.644	10.60	32.90	30.72	35.03	47.81	54.00	-6.19 Average
2	5530.000	10.53	32.90	30.69	82.61	95.35	-----	----- Average



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

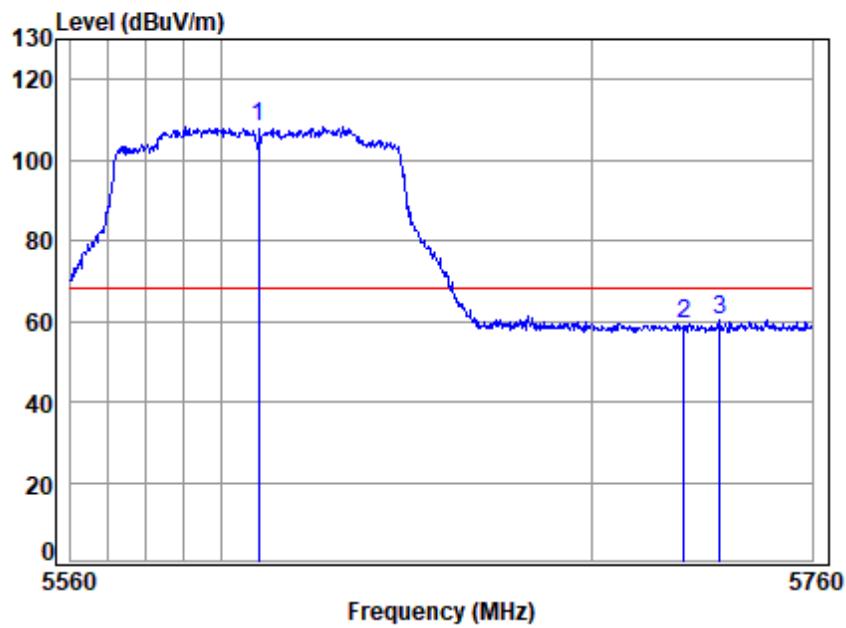
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5610.000	10.43	33.02	30.66	91.13	103.92	68.20	35.72 peak
2	5725.000	10.68	33.25	30.61	46.30	59.62	68.20	-8.58 peak
3	5734.207	10.72	33.27	30.61	46.37	59.75	68.20	-8.45 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

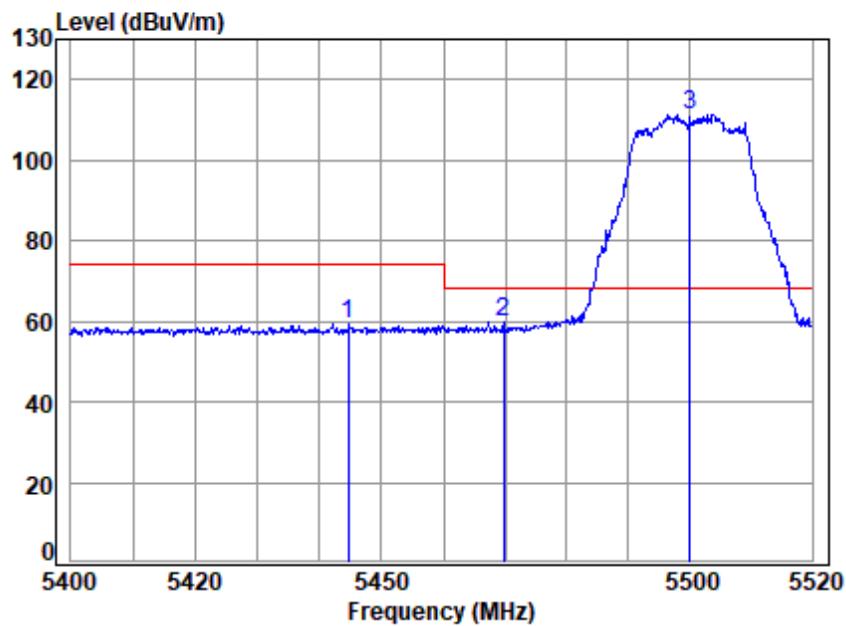
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.66	95.31	108.10	68.20	39.90 Peak
2	5725.000	10.68	33.25	30.61	45.89	59.21	68.20	-8.99 peak
3	5734.814	10.72	33.27	30.61	46.81	60.19	68.20	-8.01 Peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

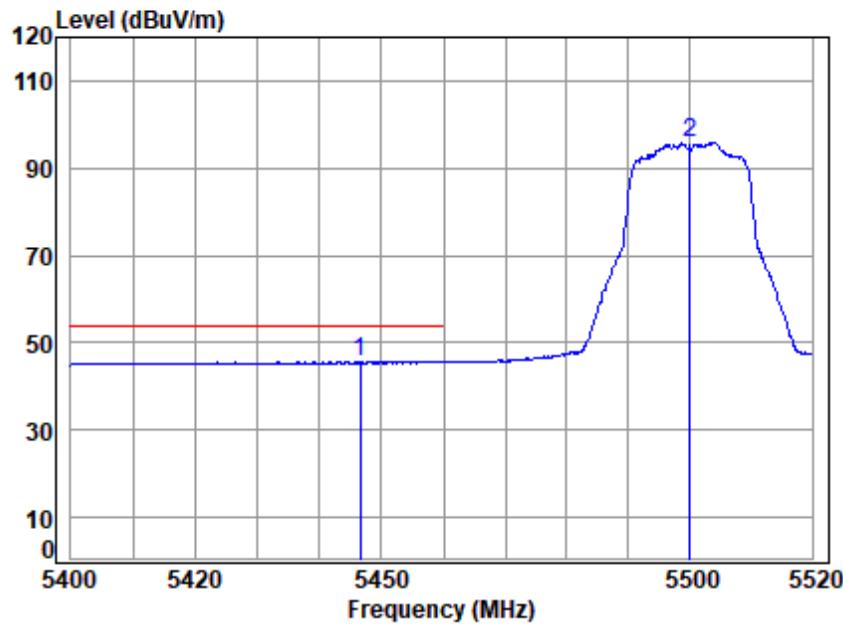
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5444.691	10.60	32.89	30.72	46.76	59.53	74.00	-14.47 peak
2	5469.759	10.59	32.90	30.71	46.87	59.65	68.20	-8.55 peak
3 pp	5500.000	10.58	32.90	30.70	98.51	111.29	68.20	43.09 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	
1 pp	5446.486	10.60	32.89	30.72	32.93	45.70	54.00	-8.30 Average
2	5500.000	10.58	32.90	30.70	83.21	95.99	-----	----- Average

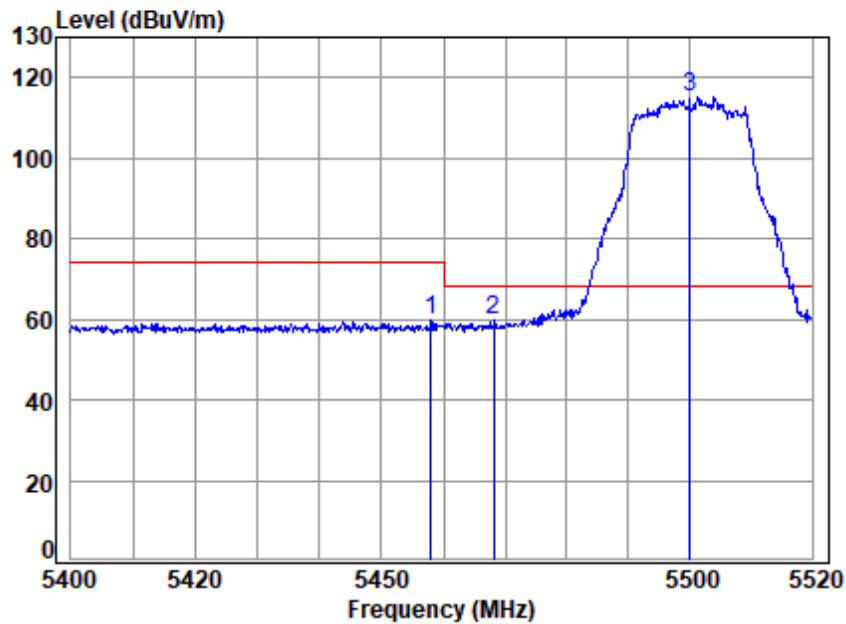
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Services Laboratory

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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: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

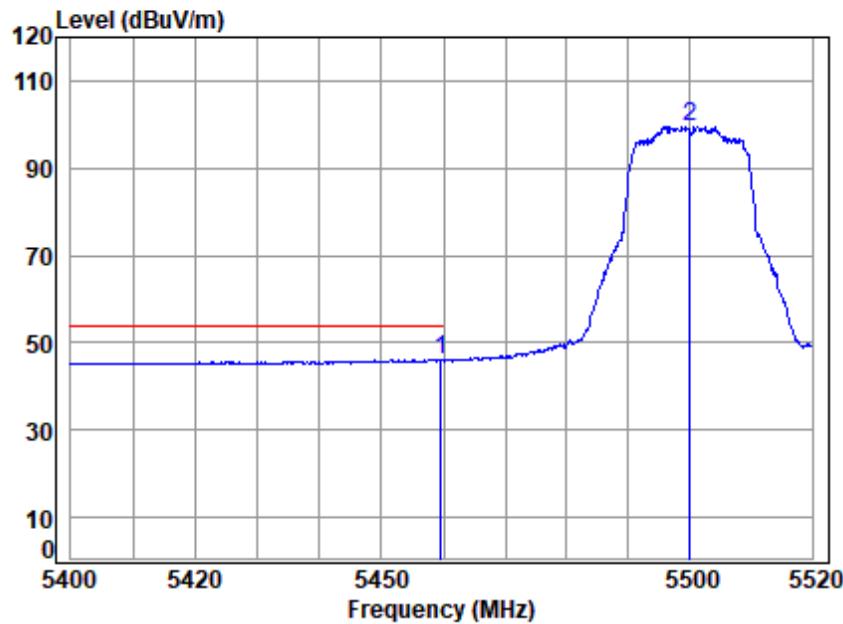
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.991	10.60	32.90	30.72	47.05	59.83	74.00	-14.17	Peak
2	5468.197	10.59	32.90	30.71	46.84	59.62	68.20	-8.58	peak
3 pp	5500.000	10.58	32.90	30.70	102.37	115.15	68.20	46.95	Peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

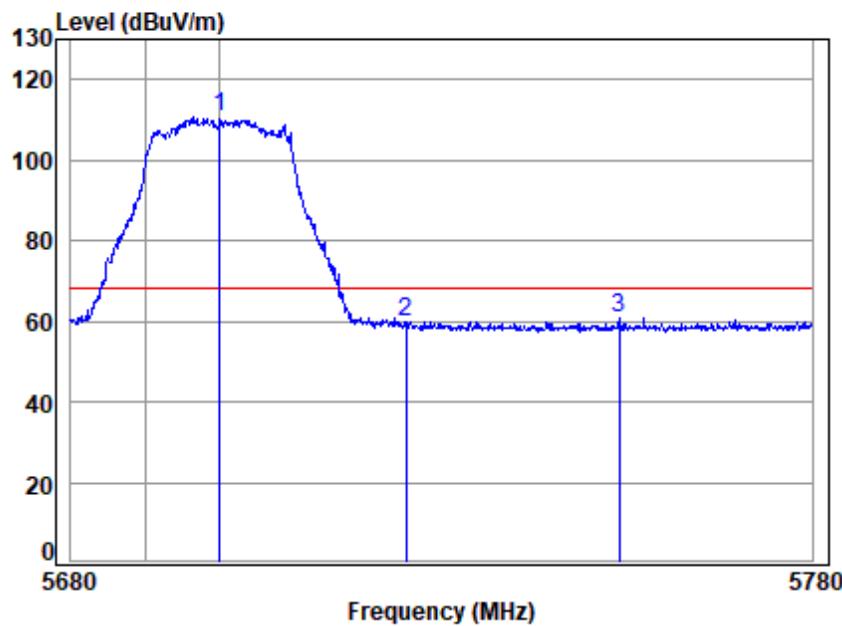
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5459.670	10.60	32.90	30.72	33.47	46.25	54.00	-7.75 Average
2	5500.000	10.58	32.90	30.70	86.91	99.69	-----	----- Average



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

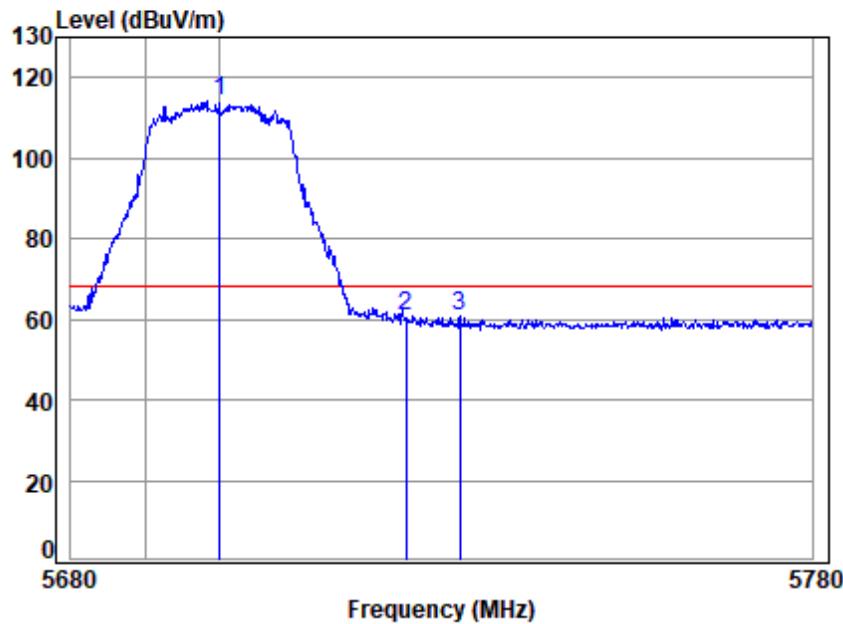
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	Loss	Factor	Factor	Level	Level	Line			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5700.000	10.56	33.20	30.62	97.39	110.53	68.20	42.33 peak
2		5725.000	10.68	33.25	30.61	46.71	60.03	68.20	-8.17 peak
3		5753.832	10.81	33.31	30.60	47.41	60.93	68.20	-7.27 peak

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

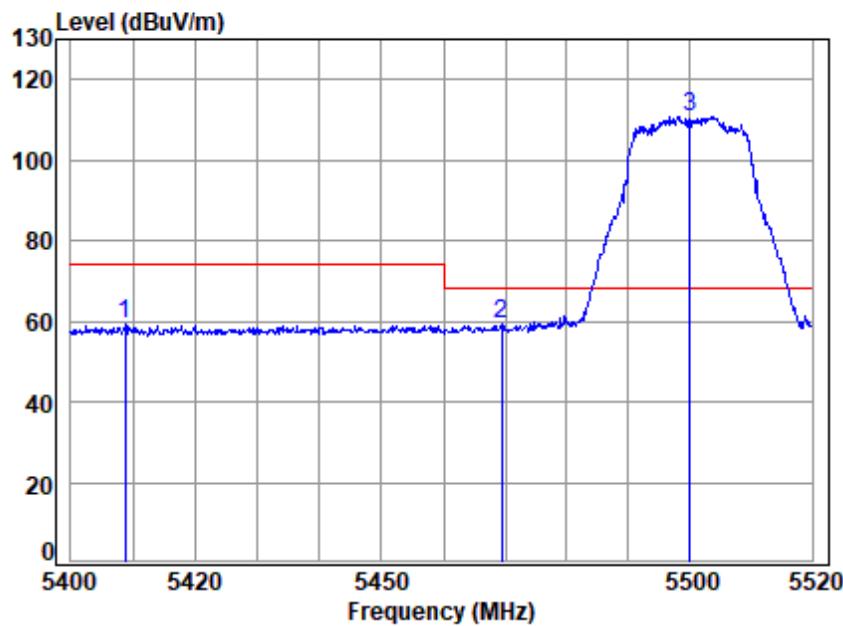
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5700.000	10.56	33.20	30.62	100.82	113.96	68.20	45.76 Peak
2	5725.000	10.68	33.25	30.61	47.66	60.98	68.20	-7.22 Peak
3	5732.282	10.71	33.26	30.61	47.64	61.00	68.20	-7.20 Peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

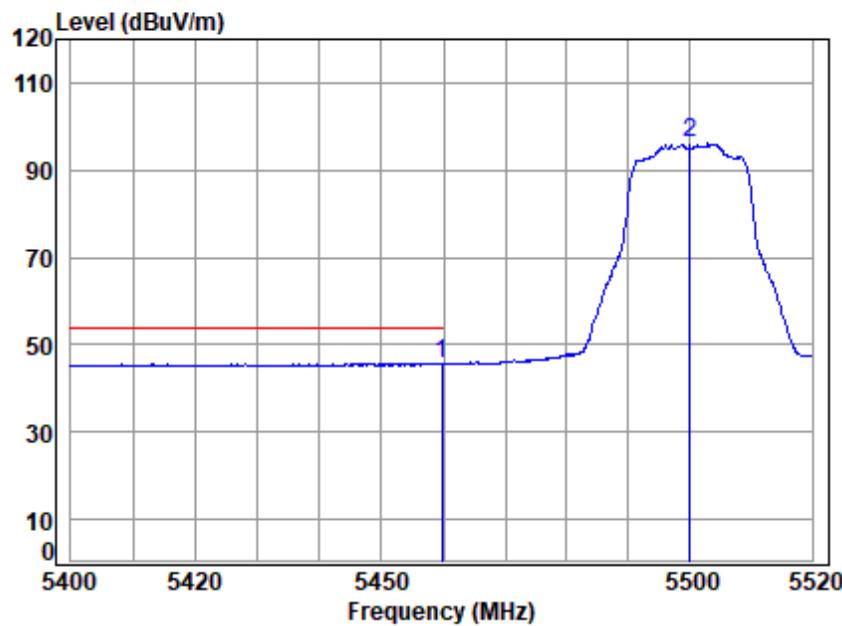
Mode : 5500 Band edge

: 5G Wi-Fi 11be20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5408.671	10.62	32.82	30.74	46.61	59.31	74.00	-14.69 peak
2	5469.399	10.59	32.90	30.71	46.29	59.07	68.20	-9.13 peak
3 pp	5500.000	10.58	32.90	30.70	98.15	110.93	68.20	42.73 peak



Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11be20

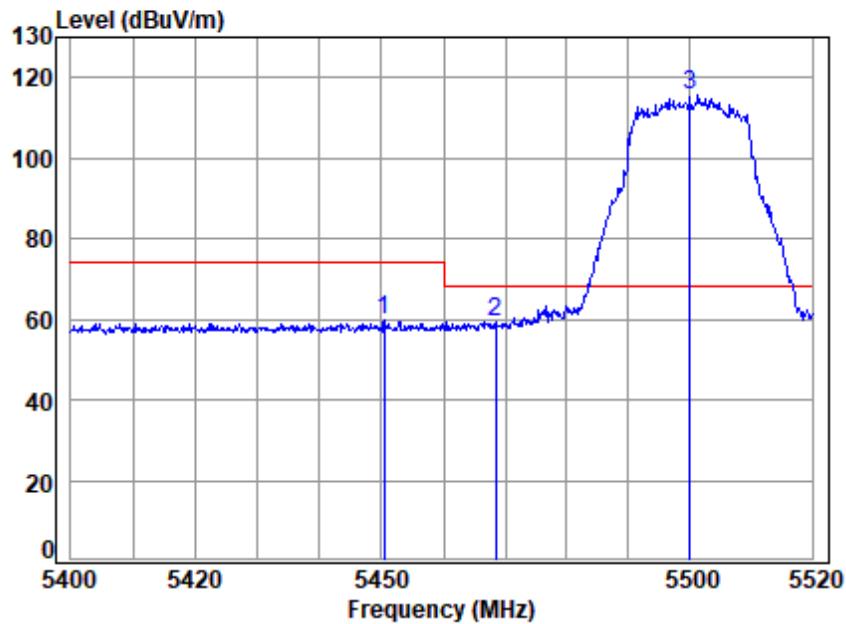
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5459.791	10.60	32.90	30.72	33.01	45.79	54.00 -8.21 Average
2	5500.000	10.58	32.90	30.70	83.54	96.32	----- ----- Average



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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge

: 5G Wi-Fi 11be20

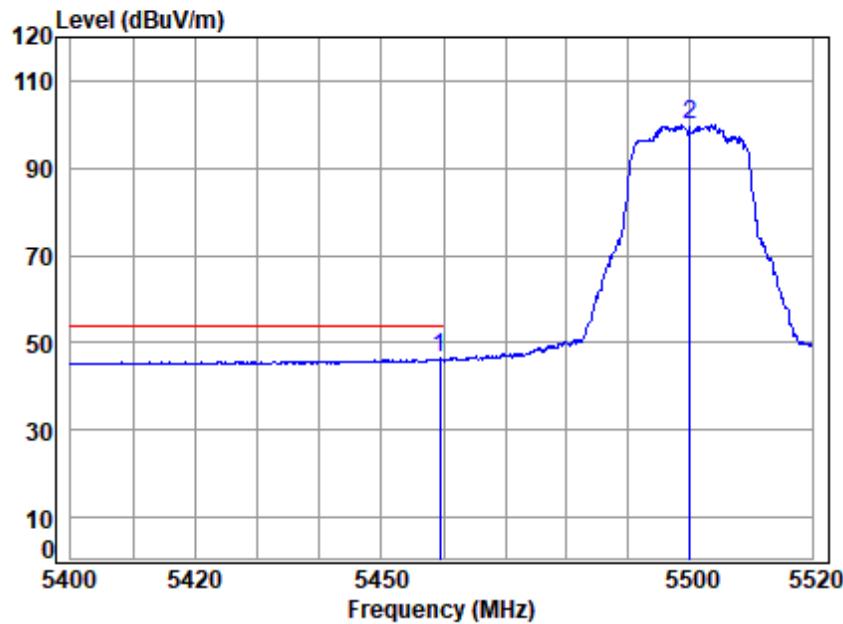
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5450.438	10.60	32.90	30.72	46.94	59.72	74.00 -14.28 Peak
2	5468.437	10.59	32.90	30.71	46.74	59.52	68.20 -8.68 peak
3 pp	5500.000	10.58	32.90	30.70	102.77	115.55	68.20 47.35 Peak



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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 Band edge
: 5G Wi-Fi 11be20

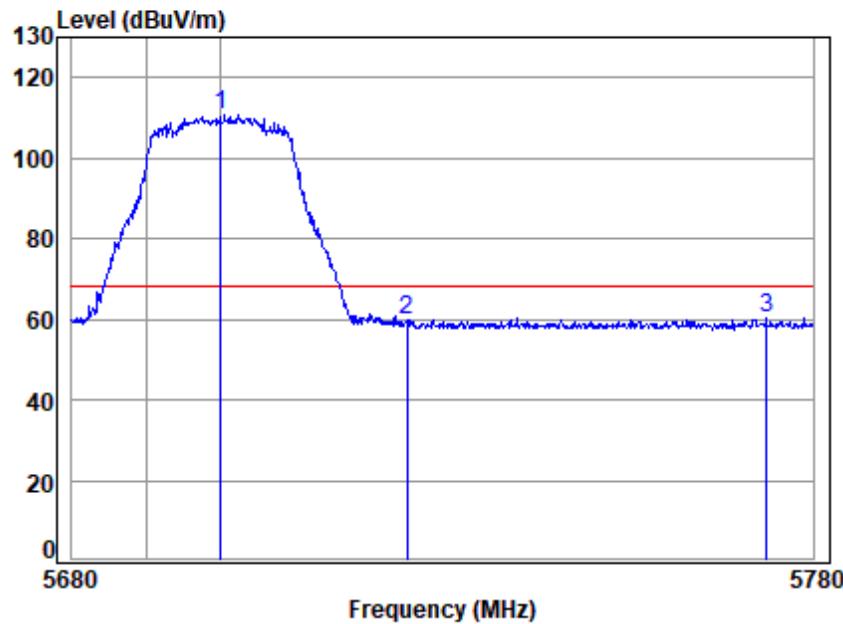
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level	Level	Line	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.430	10.60	32.90	30.72	33.56	46.34	54.00
2	5500.000	10.58	32.90	30.70	87.18	99.96	-----
							Average



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5700 Band edge

: 5G Wi-Fi 11be20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5700.000	10.56	33.20	30.62	97.59	110.73	68.20	42.53 peak
2		5725.000	10.68	33.25	30.61	46.50	59.82	68.20	-8.38 peak
3		5773.648	10.90	33.35	30.59	46.60	60.26	68.20	-7.94 peak

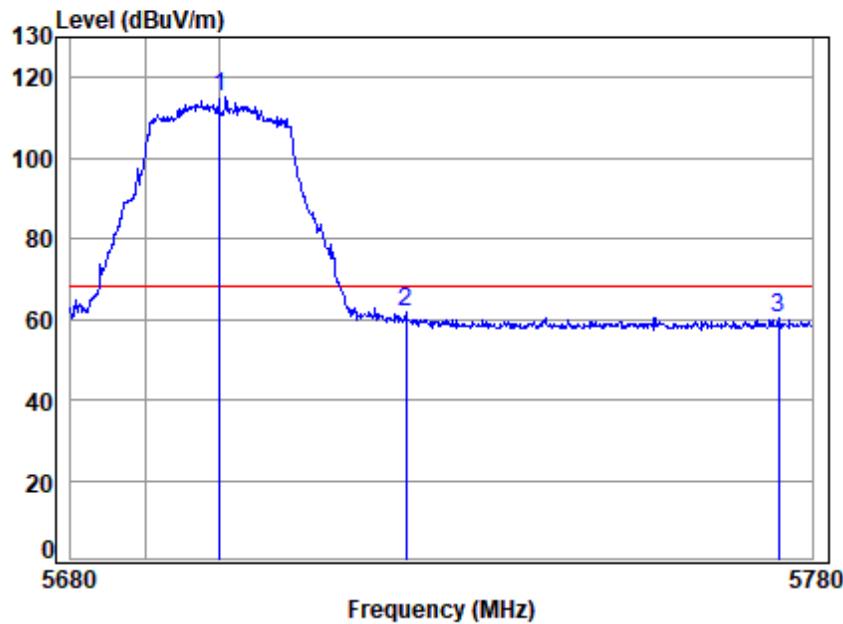
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Laboratory

Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5700 Band edge

: 5G Wi-Fi 11be20

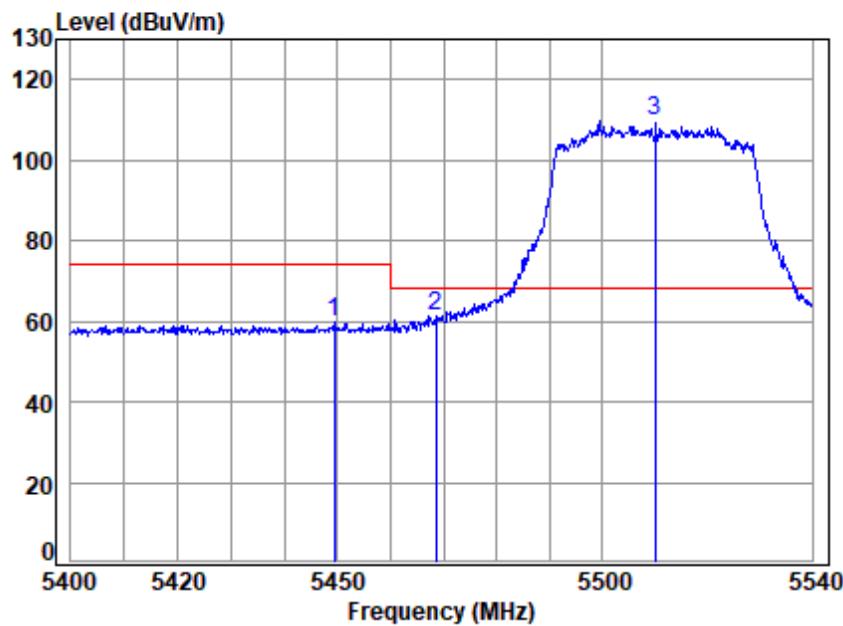
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5700.000	10.56	33.20	30.62	101.99	115.13	68.20	46.93 Peak
2		5725.000	10.68	33.25	30.61	48.37	61.69	68.20	-6.51 Peak
3		5775.462	10.91	33.35	30.59	46.49	60.16	68.20	-8.04 Peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5510 Band edge

: 5G Wi-Fi 11be40

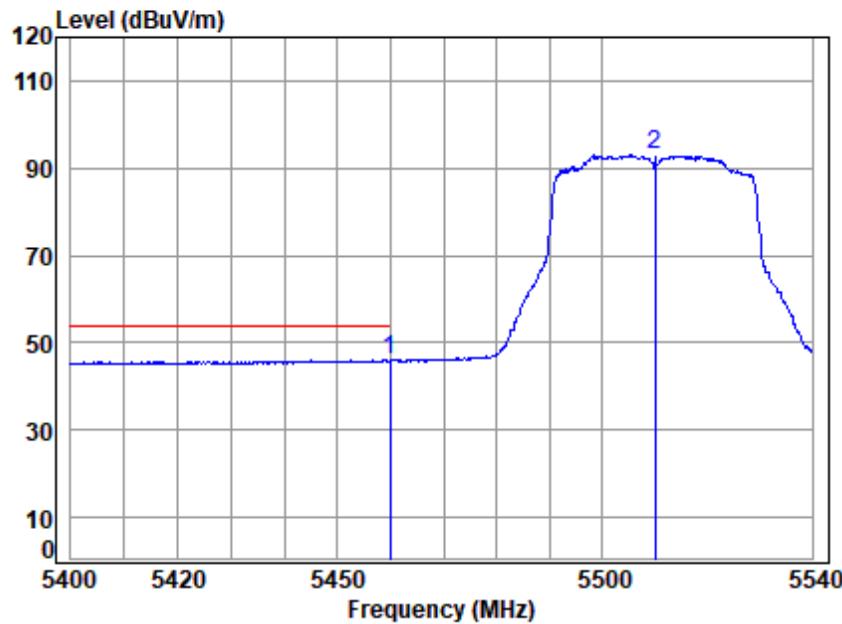
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5449.290	10.60	32.90	30.72	46.99	59.77	74.00 -14.23 peak
2	5468.432	10.59	32.90	30.71	48.50	61.28	68.20 -6.92 peak
3 pp	5510.000	10.56	32.90	30.70	96.89	109.65	68.20 41.45 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5510 Band edge

: 5G Wi-Fi 11be40

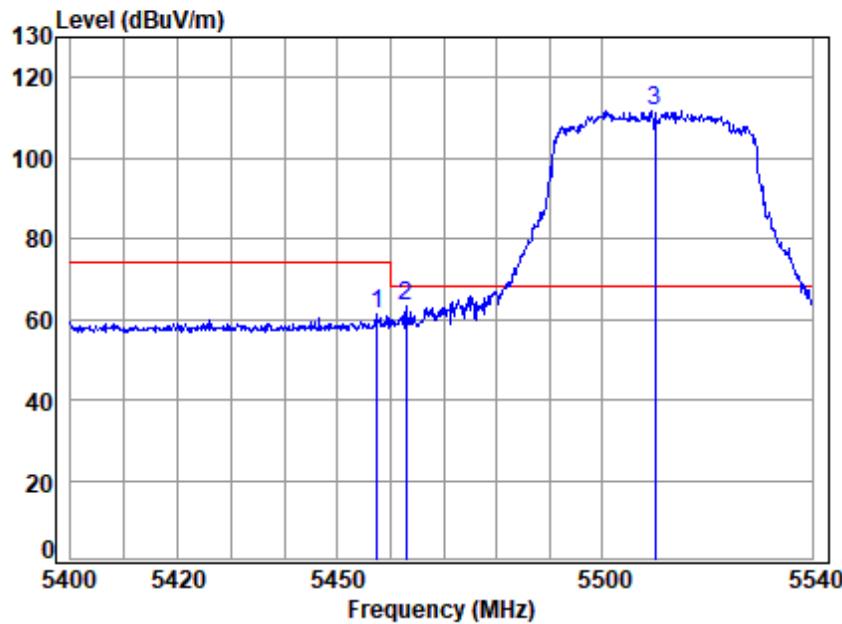
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1 pp	5459.901	10.60	32.90	30.72	33.13	45.91	54.00	-8.09	Average
2	5510.000	10.56	32.90	30.70	80.17	92.93	-----	-----	Average

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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5510 Band edge

: 5G Wi-Fi 11be40

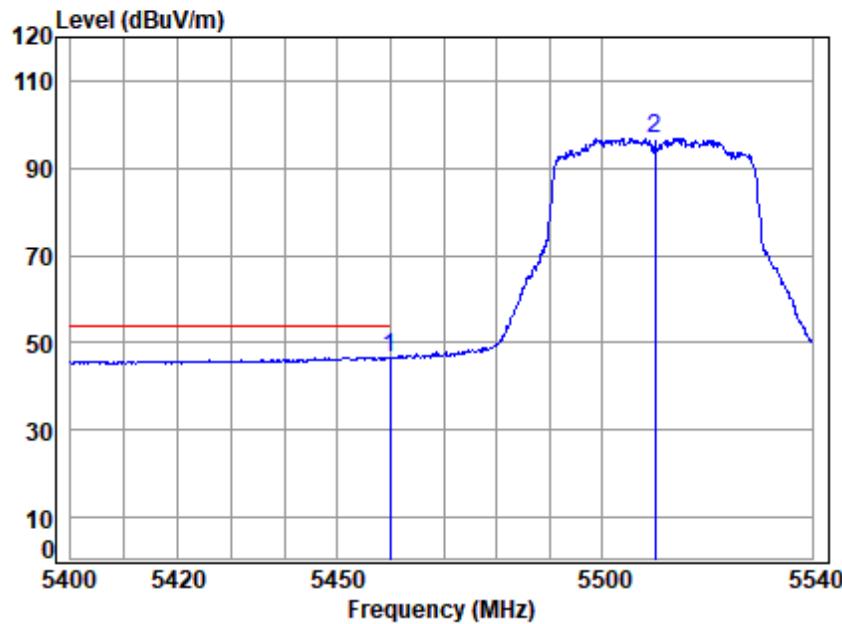
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.386	10.60	32.90	30.72	48.35	61.13	74.00	-12.87 Peak
2	5462.836	10.59	32.90	30.71	50.39	63.17	68.20	-5.03 peak
3 pp	5510.000	10.56	32.90	30.70	99.11	111.87	68.20	43.67 Peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5510 Band edge
: 5G Wi-Fi 11be40

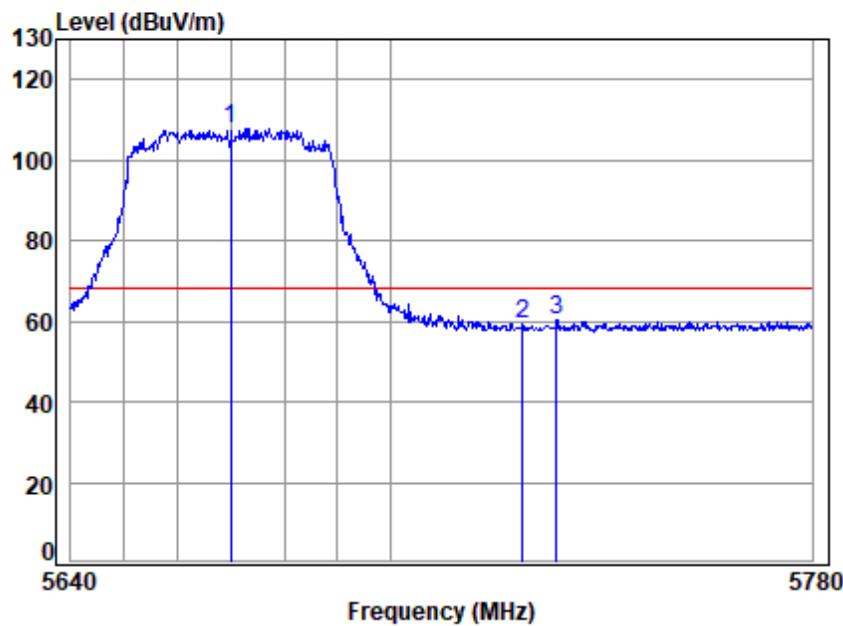
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5459.901	10.60	32.90	30.72	33.96	46.74	54.00	-7.26 Average
2	5510.000	10.56	32.90	30.70	84.17	96.93	-----	----- Average



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5670 Band edge

: 5G Wi-Fi 11be40

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.63	94.96	107.99	68.20	39.79 peak
2	5725.000	10.68	33.25	30.61	46.13	59.45	68.20	-8.75 peak
3	5731.312	10.70	33.26	30.61	46.88	60.23	68.20	-7.97 peak

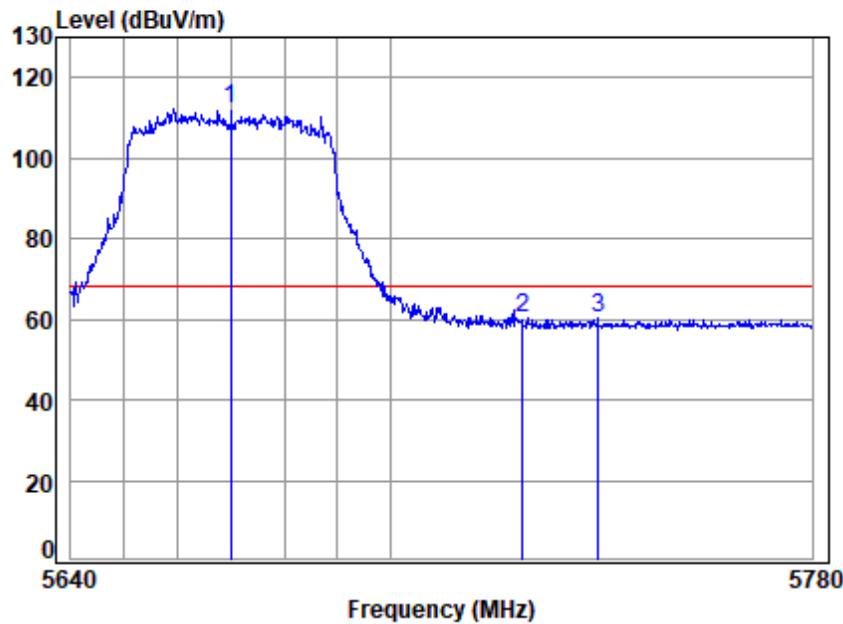
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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5670 Band edge
: 5G Wi-Fi 11be40

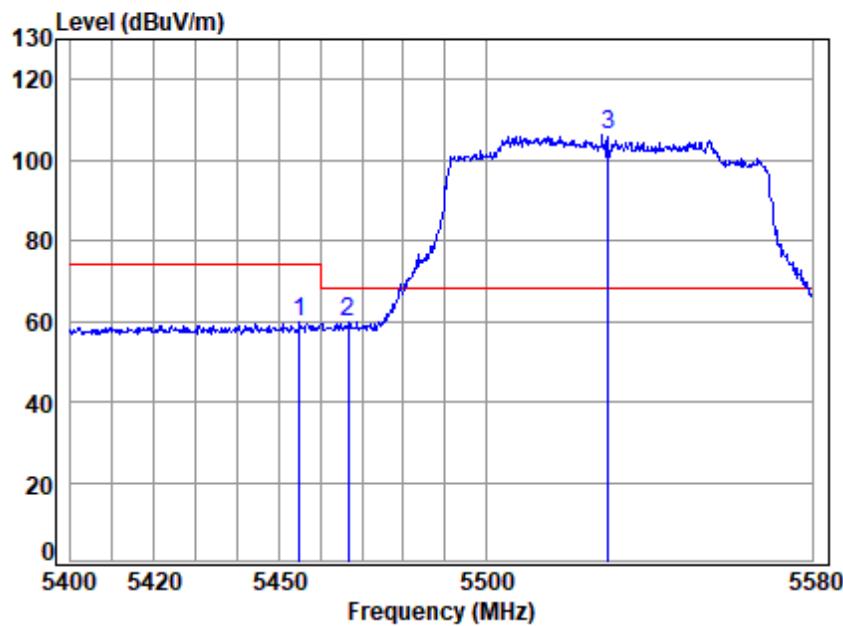
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.63	99.11	112.14	68.20	43.94 Peak
2	5725.000	10.68	33.25	30.61	46.97	60.29	68.20	-7.91 Peak
3	5739.187	10.74	33.28	30.60	47.03	60.45	68.20	-7.75 Peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5530 Band edge

: 5G Wi-Fi 11be80

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5454.813	10.60	32.90	30.72	46.92	59.70	74.00	-14.30	peak	
2	5466.809	10.59	32.90	30.71	46.90	59.68	68.20	-8.52	peak	
3 pp	5530.000	10.53	32.90	30.69	93.32	106.06	68.20	37.86	peak	

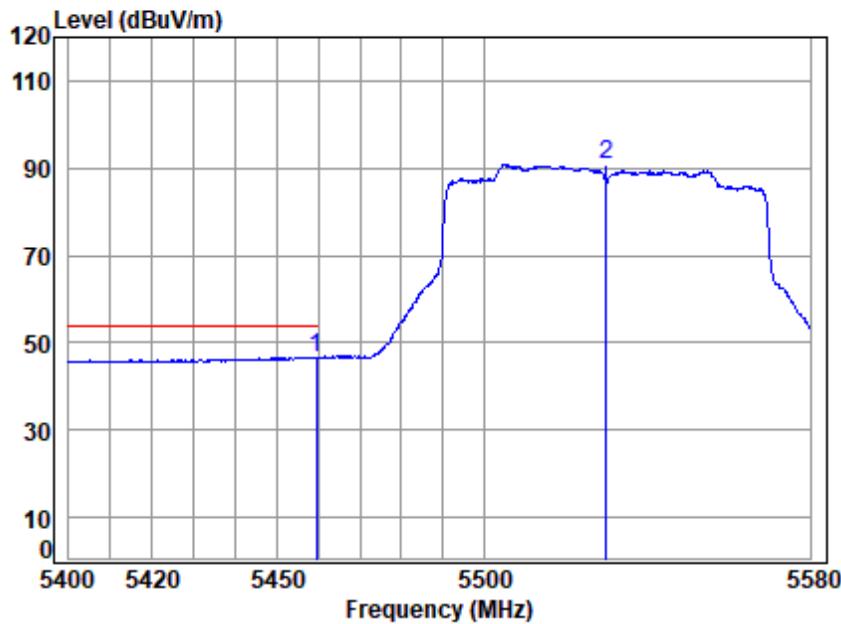
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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5530 Band edge

: 5G Wi-Fi 11be80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1 pp	5459.465	10.60	32.90	30.72	33.85	46.63	54.00	-7.37	Average
2	5530.000	10.53	32.90	30.69	78.01	90.75	-----	-----	Average

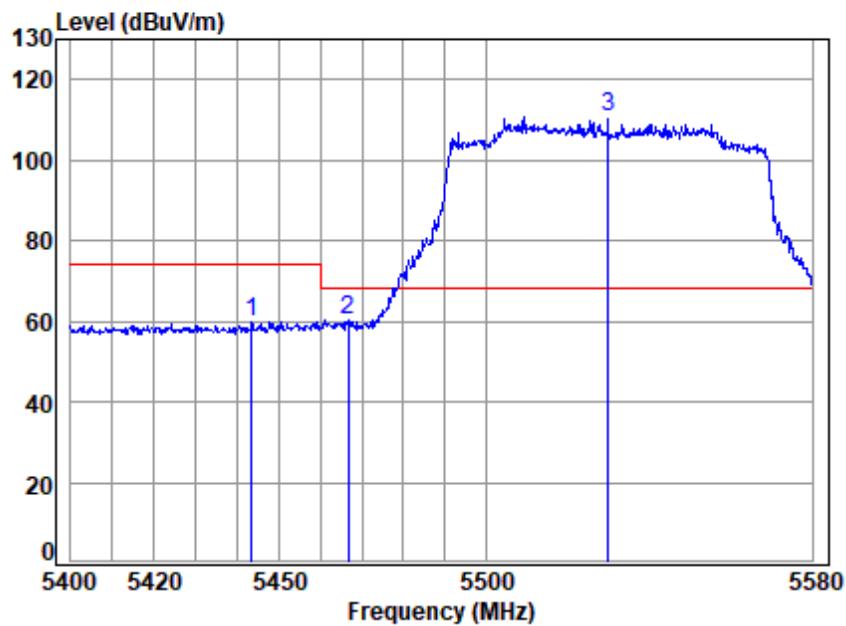
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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

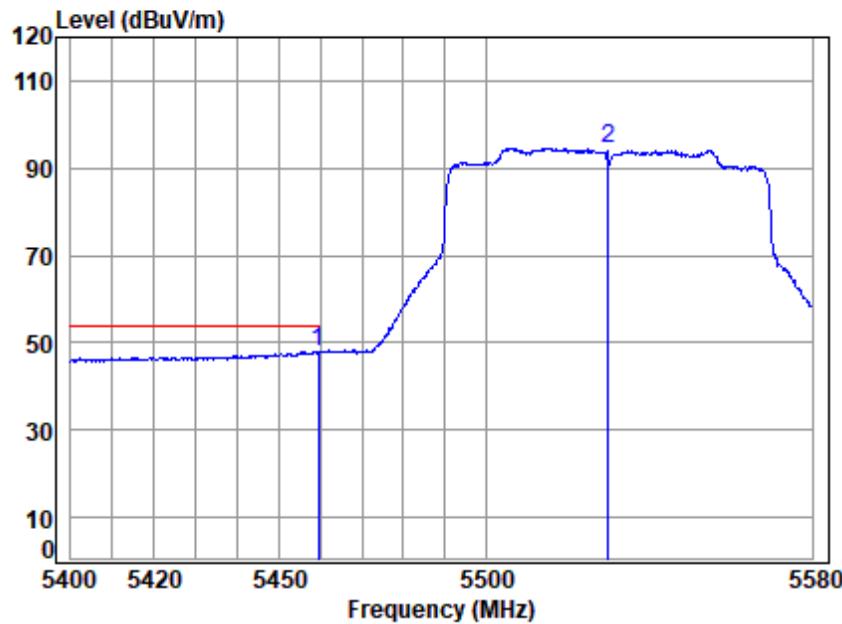
Mode : 5530 Band edge

: 5G Wi-Fi 11be80

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5443.377	10.60	32.89	30.72	47.08	59.85	74.00	-14.15 Peak
2	5466.630	10.59	32.90	30.71	47.71	60.49	68.20	-7.71 peak
3 pp	5530.000	10.53	32.90	30.69	98.14	110.88	68.20	42.68 Peak



Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5530 Band edge

: 5G Wi-Fi 11be80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5459.465	10.60	32.90	30.72	35.01	47.79	54.00	-6.21 Average
2	5530.000	10.53	32.90	30.69	81.87	94.61	-----	----- Average

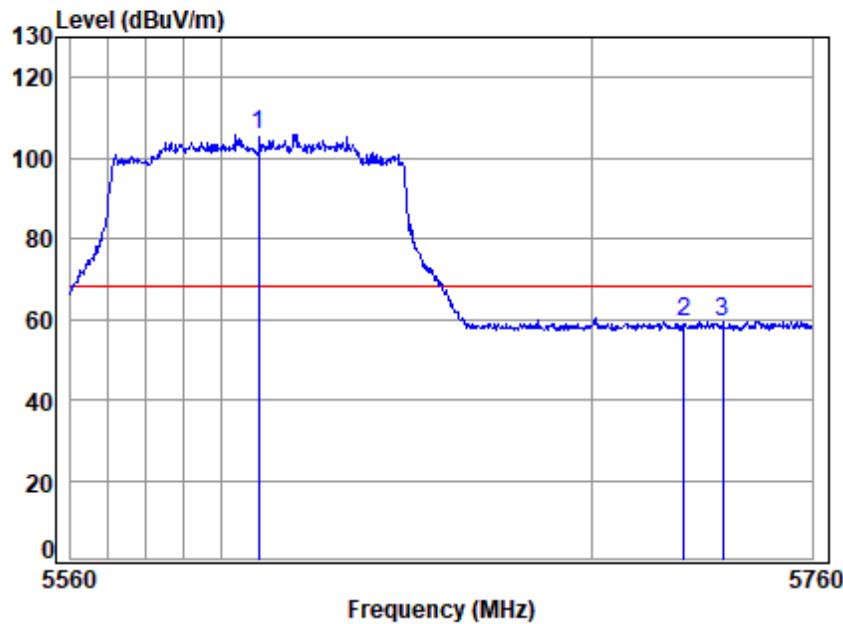
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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5610 Band edge

: 5G Wi-Fi 11be80

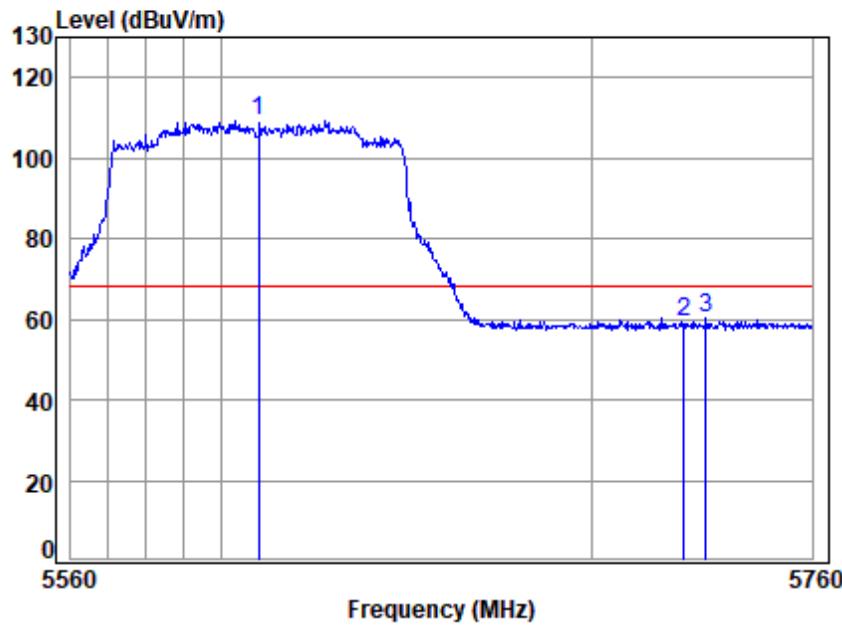
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5610.000	10.43	33.02	30.66	93.11	105.90	68.20	37.70 peak
2		5725.000	10.68	33.25	30.61	45.86	59.18	68.20	-9.02 peak
3		5735.422	10.72	33.27	30.61	46.10	59.48	68.20	-8.72 peak



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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5610 Band edge

: 5G Wi-Fi 11be80

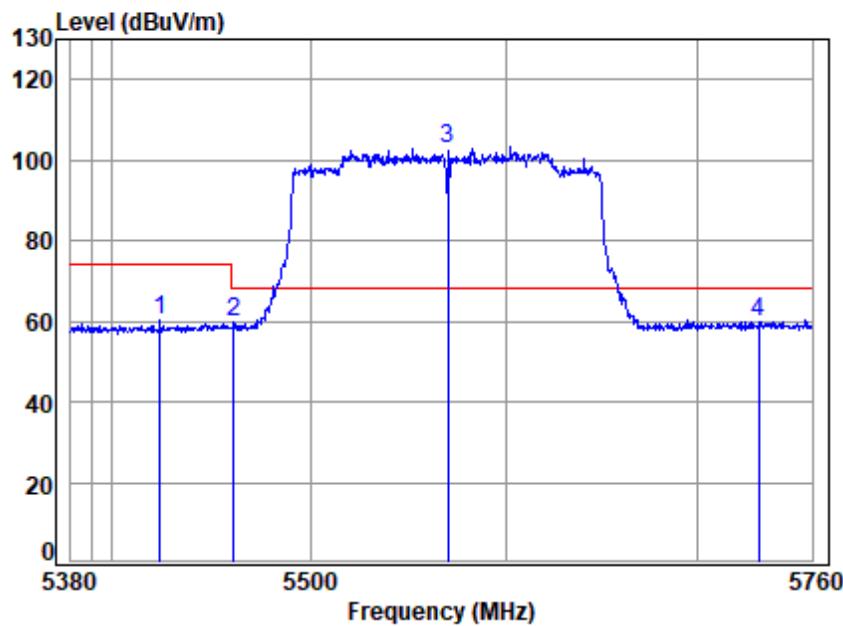
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5610.000	10.43	33.02	30.66	96.64	109.43	68.20	41.23 Peak
2	5725.000	10.68	33.25	30.61	45.87	59.19	68.20	-9.01 peak
3	5730.965	10.70	33.26	30.61	46.91	60.26	68.20	-7.94 Peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5570 Band edge
: 5G Wi-Fi 11be160

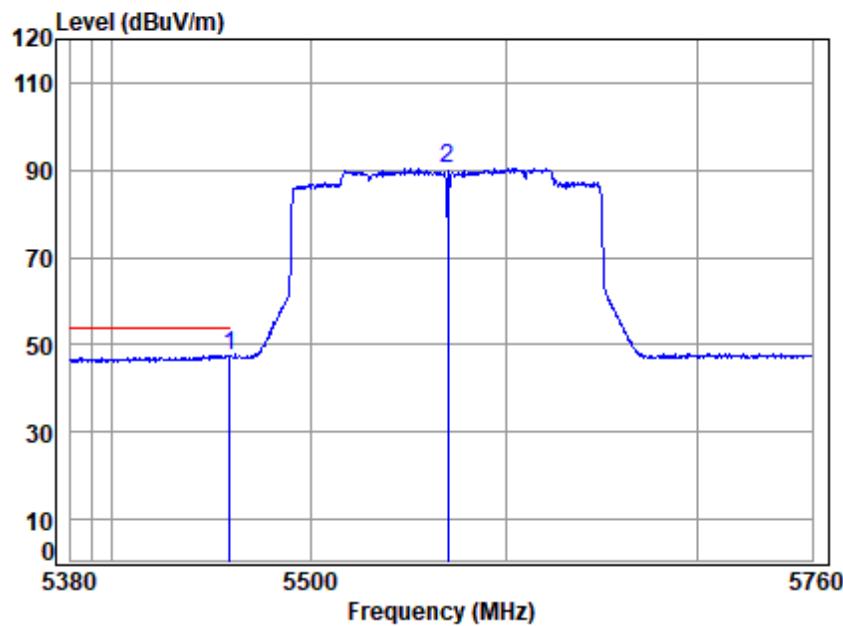
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5424.243	10.61	32.85	30.73	47.41	60.14	74.00 -13.86 peak
2	5461.389	10.60	32.90	30.72	47.15	59.93	68.20 -8.27 peak
3 pp	5570.000	10.46	32.94	30.67	90.20	102.93	68.20 34.73 peak
4	5731.765	10.71	33.26	30.61	46.58	59.94	68.20 -8.26 peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5570 Band edge

: 5G Wi-Fi 11be160

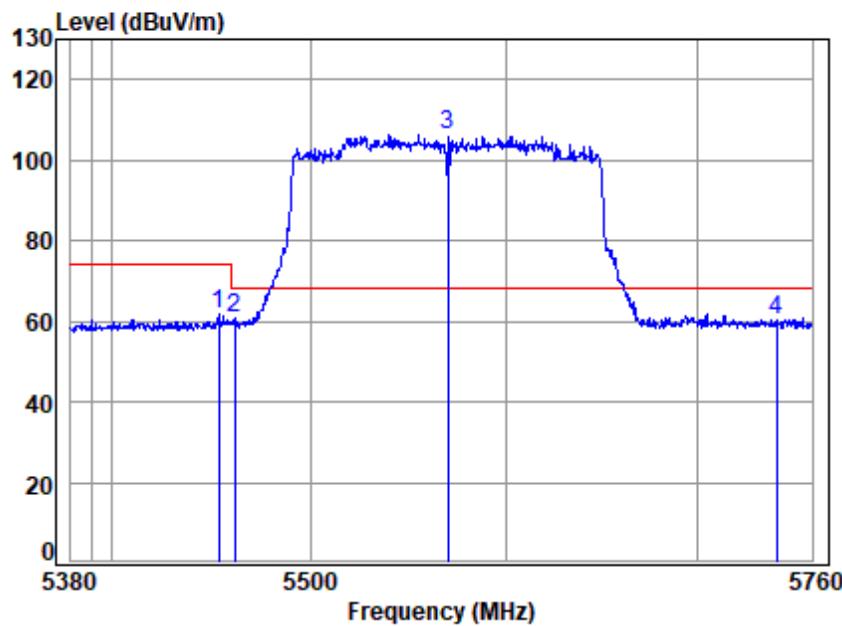
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level	Level	Line	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.526	10.60	32.90	30.72	34.83	47.61	54.00
2	5570.000	10.46	32.94	30.67	77.63	90.36	-----
							Average



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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5570 Band edge

: 5G Wi-Fi 11be160

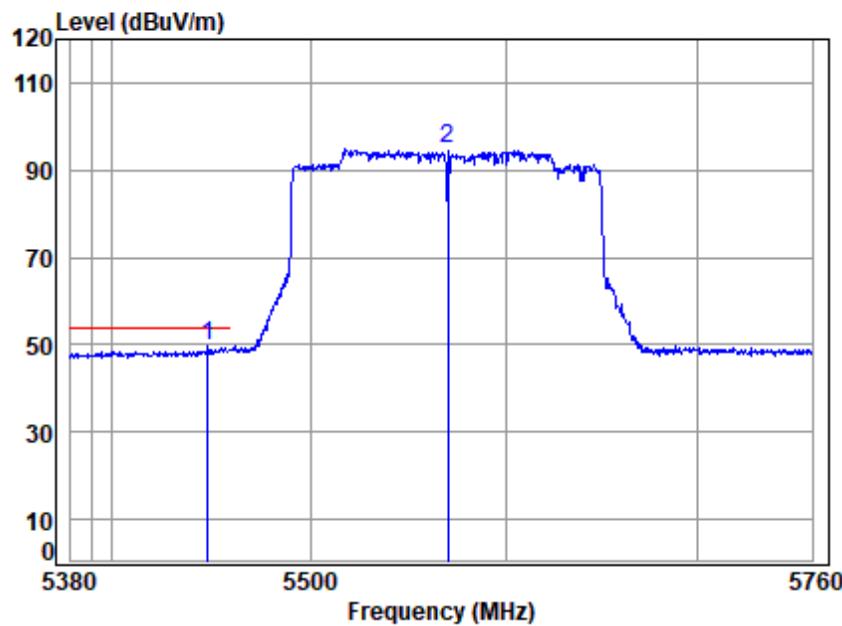
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5453.939	10.60	32.90	30.72	49.16	61.94	74.00 -12.06 peak
2	5461.762	10.60	32.90	30.72	48.13	60.91	68.20 -7.29 peak
3 pp	5570.000	10.46	32.94	30.67	93.60	106.33	68.20 38.13 peak
4	5741.161	10.75	33.28	30.60	47.11	60.54	68.20 -7.66 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5570 Band edge

: 5G Wi-Fi 11be160

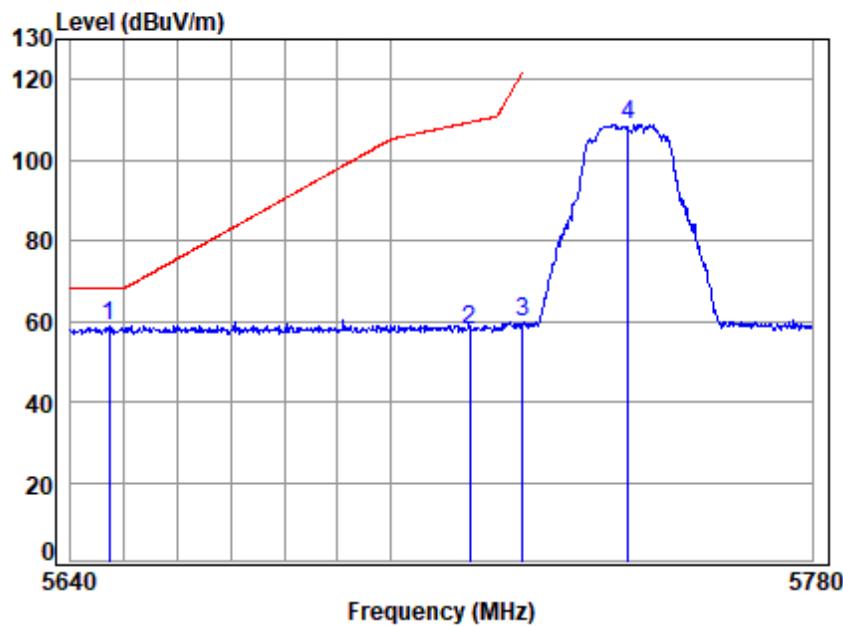
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	5448.359	10.60	32.90	30.72	36.85	49.63	54.00	-4.37 Average
2	5570.000	10.46	32.94	30.67	82.06	94.79	-----	----- Average

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5745 Band edge
: 5.8G Wi-Fi 11a

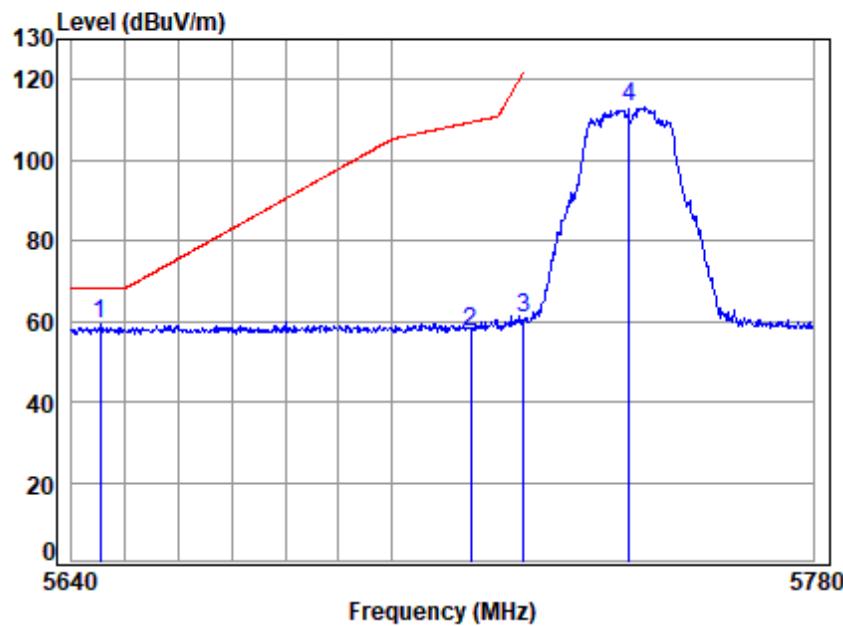
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5647.196	10.48	33.09	30.64	45.82	58.75	68.20	-9.45 peak
2		5715.000	10.63	33.23	30.61	44.52	57.77	109.40	-51.63 peak
3		5725.000	10.68	33.25	30.61	46.35	59.67	122.20	-62.53 peak
4		5745.000	10.77	33.29	30.60	95.41	108.87	-----	----- peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5745 Band edge
: 5.8G Wi-Fi 11a

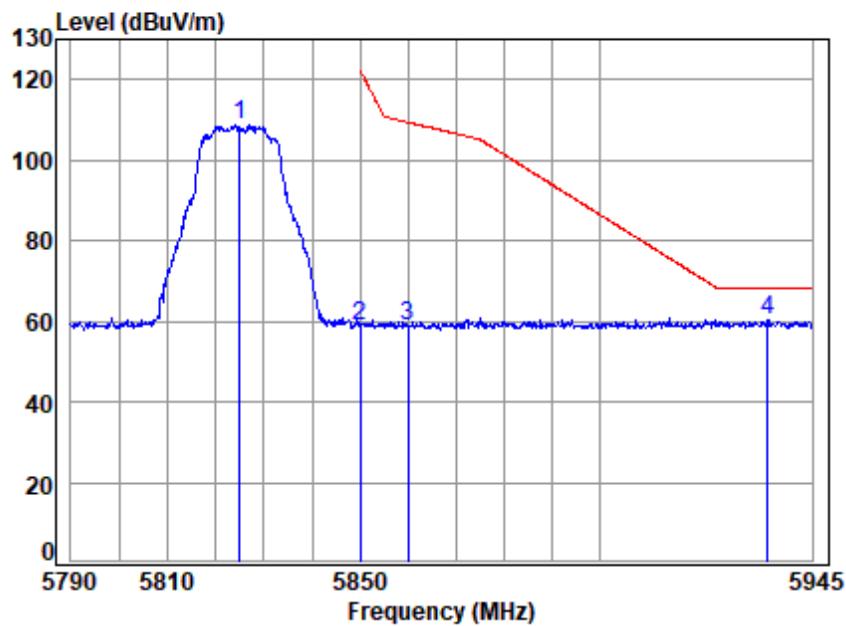
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dBuV			
1 pp	5645.257	10.48	33.09	30.64	46.43	59.36	68.20	-8.84 peak
2	5715.000	10.63	33.23	30.61	44.28	57.53	109.40	-51.87 peak
3	5725.000	10.68	33.25	30.61	47.37	60.69	122.20	-61.51 peak
4	5745.000	10.77	33.29	30.60	99.68	113.14	-----	----- peak



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Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5825 Band edge
: 5.8G Wi-Fi 11a

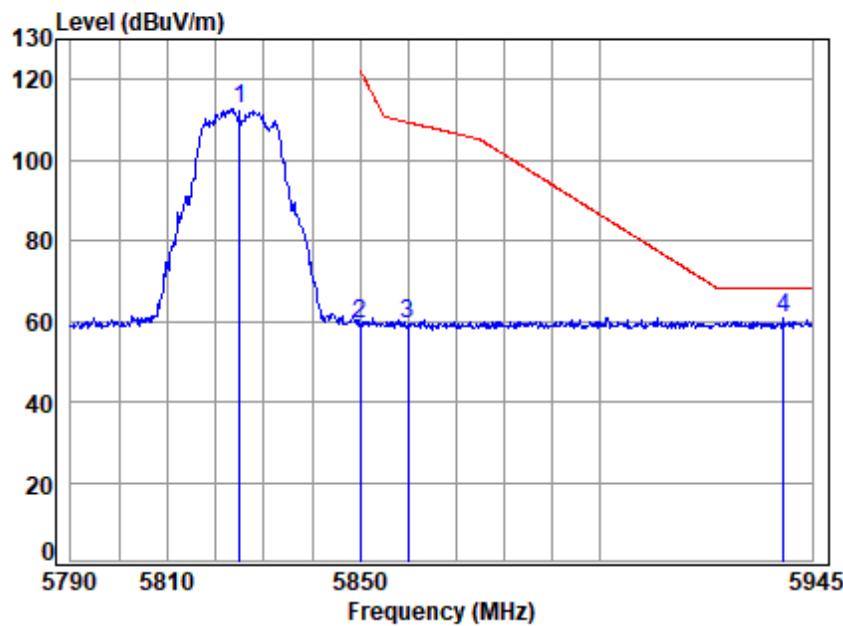
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	94.79	108.71	----- peak
2	5850.000	10.95	33.60	30.56	45.04	59.03	122.20 -63.17 peak
3	5860.000	10.94	33.58	30.56	44.90	58.86	109.40 -50.54 peak
4 pp	5935.584	10.86	33.57	30.53	46.46	60.36	68.20 -7.84 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 5825 Band edge
: 5.8G Wi-Fi 11a

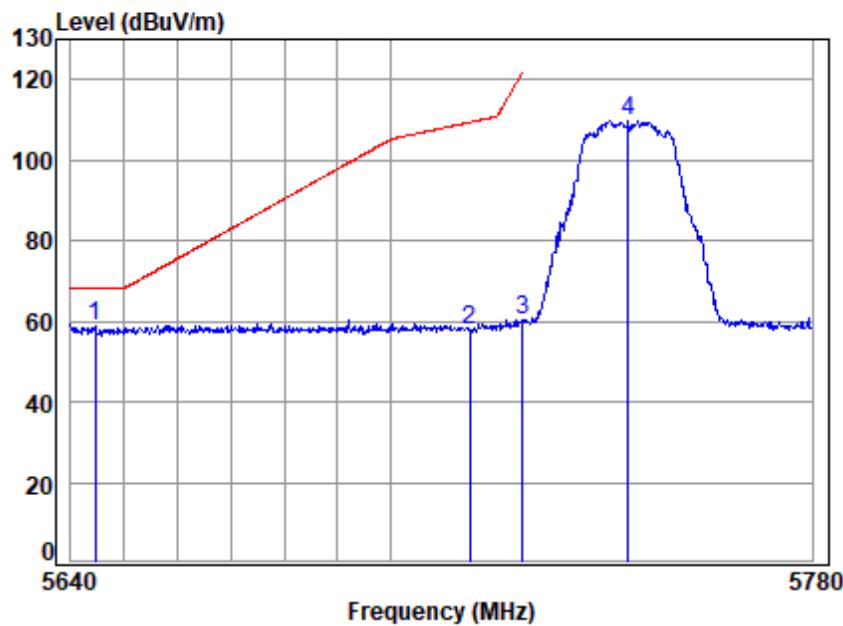
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	98.76	112.68	----- peak
2	5850.000	10.95	33.60	30.56	45.49	59.48	122.20 -62.72 peak
3	5860.000	10.94	33.58	30.56	45.15	59.11	109.40 -50.29 peak
4 pp	5938.878	10.86	33.58	30.52	46.64	60.56	68.20 -7.64 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5745 Band edge
: 5.8G Wi-Fi 11n20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1 pp	5644.565	10.48	33.09	30.64	45.89	58.82	68.20	-9.38 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	47.19	60.51	122.20	-61.69 peak
4	5745.000	10.77	33.29	30.60	96.35	109.81	-----	----- peak

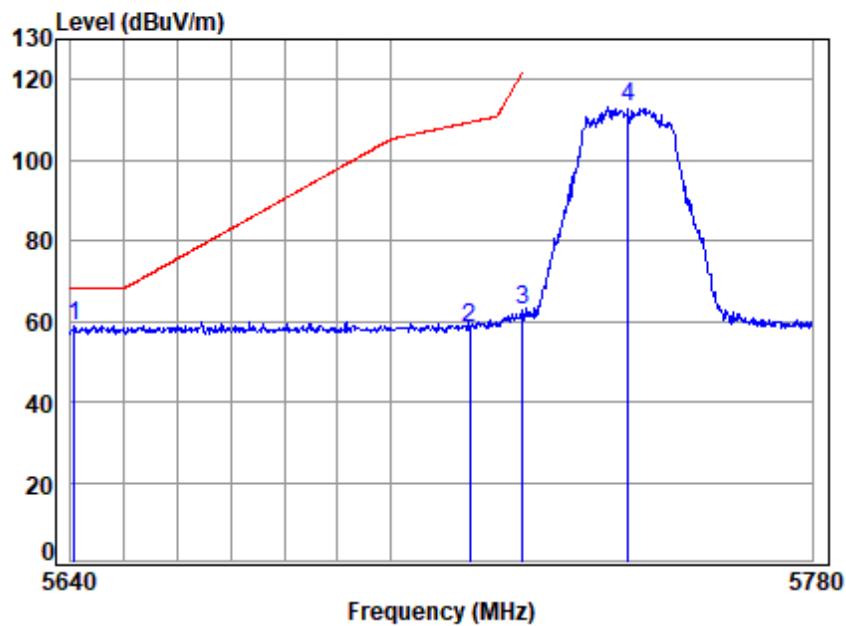
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 23; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11n20

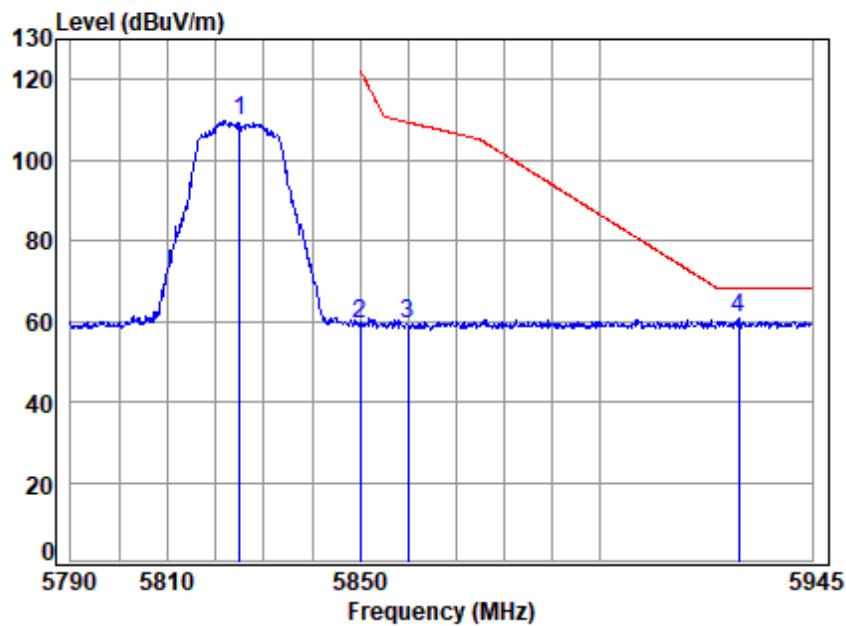
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1 pp	5640.691	10.47	33.08	30.64	46.13	59.04	68.20	-9.16	peak
2	5715.000	10.63	33.23	30.61	44.93	58.18	109.40	-51.22	peak
3	5725.000	10.68	33.25	30.61	49.62	62.94	122.20	-59.26	peak
4	5745.000	10.77	33.29	30.60	99.97	113.43	-----	-----	peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11n20

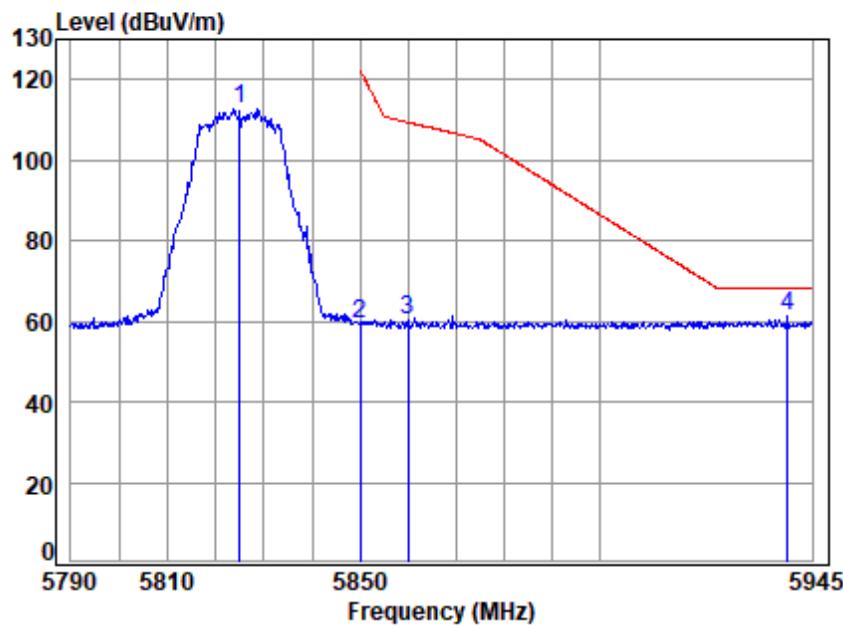
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5825.000	10.99	33.50	30.57	95.70	109.62	-----	peak
2 5850.000	10.95	33.60	30.56	45.43	59.42	122.20	-62.78 peak
3 5860.000	10.94	33.58	30.56	45.58	59.54	109.40	-49.86 peak
4 pp 5929.472	10.87	33.56	30.53	46.69	60.59	68.20	-7.61 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11n20

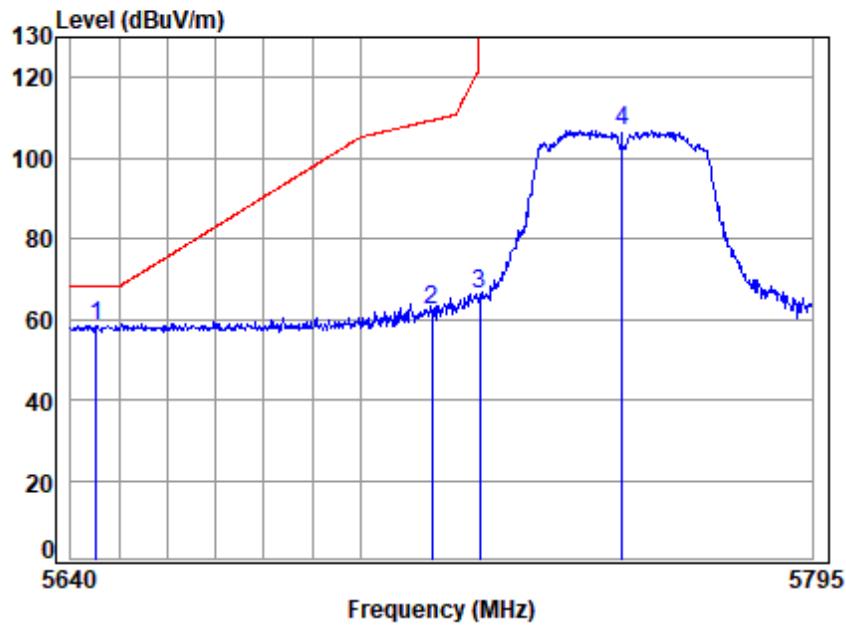
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	98.72	112.64	----- peak
2	5850.000	10.95	33.60	30.56	45.42	59.41	122.20 -62.79 peak
3	5860.000	10.94	33.58	30.56	46.18	60.14	109.40 -49.26 peak
4 pp	5939.819	10.86	33.58	30.52	47.21	61.13	68.20 -7.07 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5755 Band edge
: 5.8G Wi-Fi 11n40

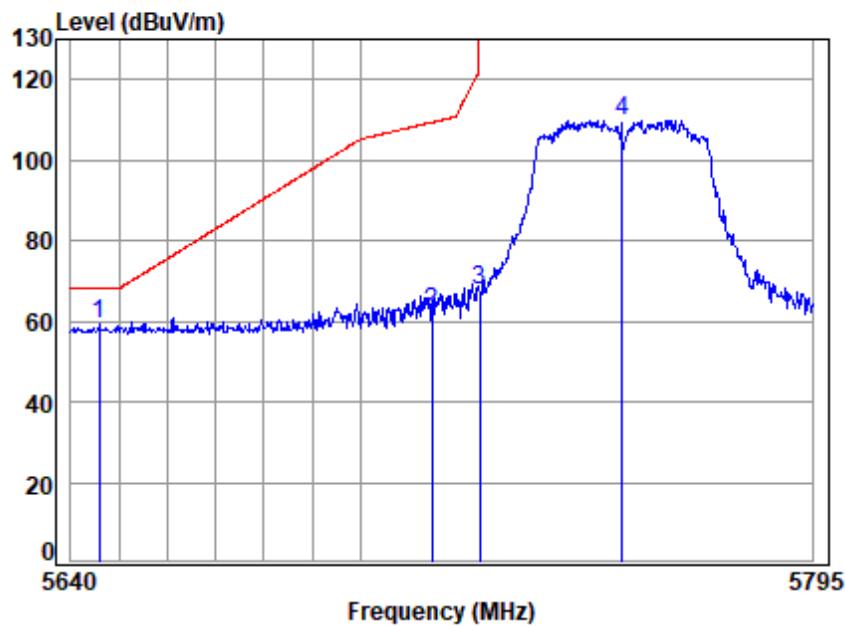
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	5645.354	10.48	33.09	30.64	45.64	58.57	68.20	-9.63 peak
2	5715.000	10.63	33.23	30.61	49.23	62.48	109.40	-46.92 peak
3	5725.000	10.68	33.25	30.61	53.07	66.39	122.20	-55.81 peak
4	5755.000	10.81	33.31	30.60	93.41	106.93	-----	peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11n40

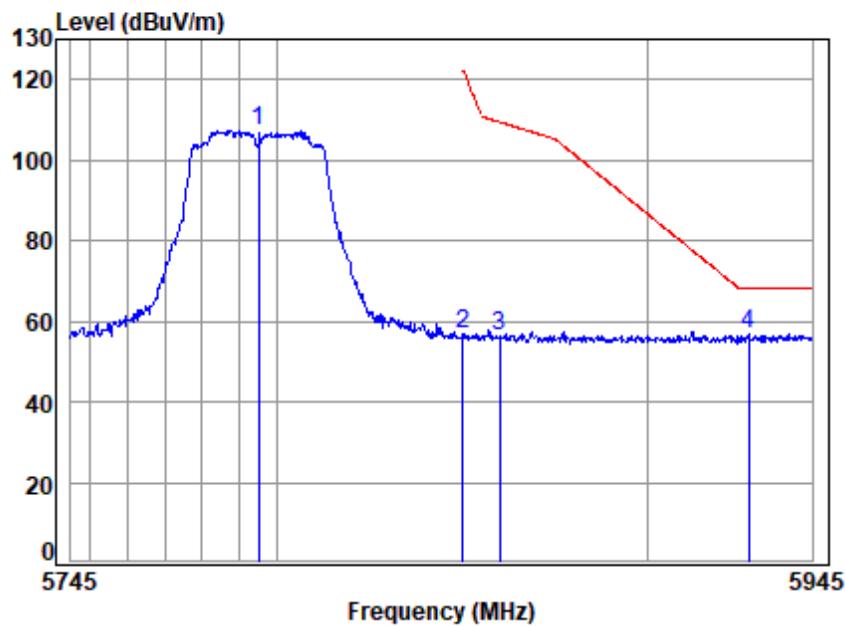
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5645.967	10.48	33.09	30.64	46.50	59.43	68.20 -8.77 peak
2	5715.000	10.63	33.23	30.61	49.20	62.45	109.40 -46.95 peak
3	5725.000	10.68	33.25	30.61	54.23	67.55	122.20 -54.65 peak
4	5755.000	10.81	33.31	30.60	96.38	109.90	----- peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5795 Band edge
: 5.8G Wi-Fi 11n40

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	93.46	107.27	-----	----- peak
2	5850.000	10.95	33.60	30.56	42.70	56.69	122.20	-65.51 peak
3	5860.000	10.94	33.58	30.56	42.31	56.27	109.40	-53.13 peak
4 pp	5927.530	10.87	33.56	30.53	43.00	56.90	68.20	-11.30 peak

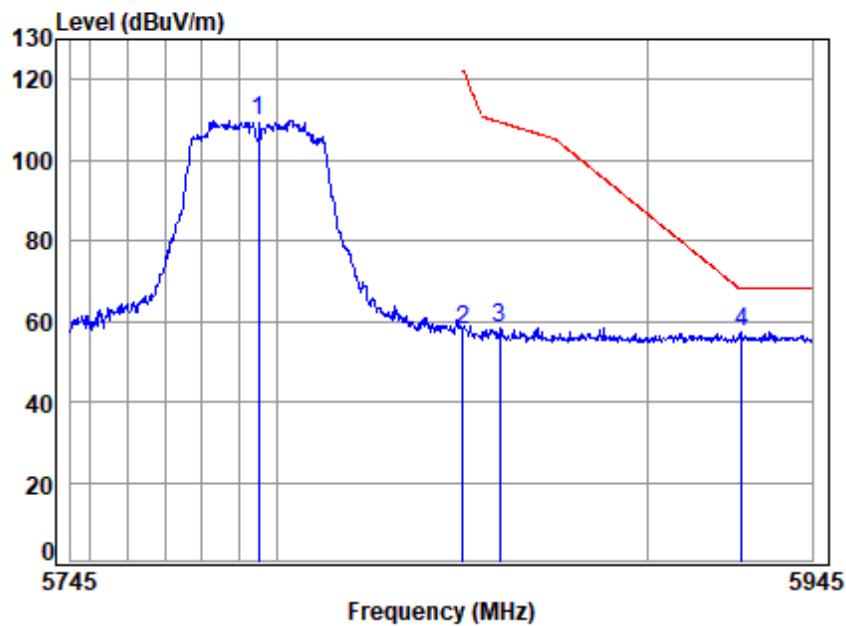
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Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 23; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11n40

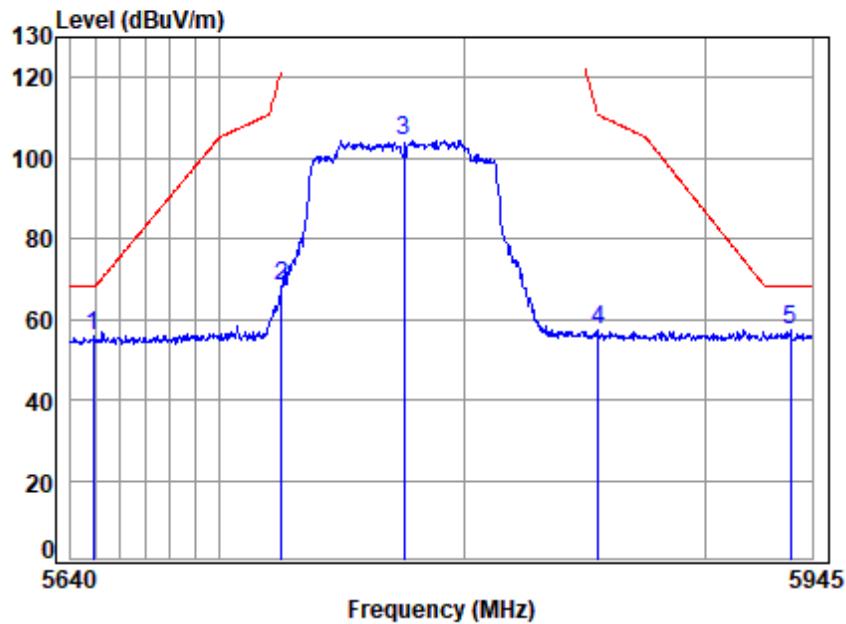
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5795.000	11.00	33.39	30.58	96.10	109.91	----- peak
2	5850.000	10.95	33.60	30.56	43.64	57.63	122.20 -64.57 peak
3	5860.000	10.94	33.58	30.56	44.35	58.31	109.40 -51.09 peak
4 pp	5925.705	10.87	33.55	30.53	43.40	57.29	68.20 -10.91 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5775 Band edge
: 5.8G Wi-Fi 11ac80

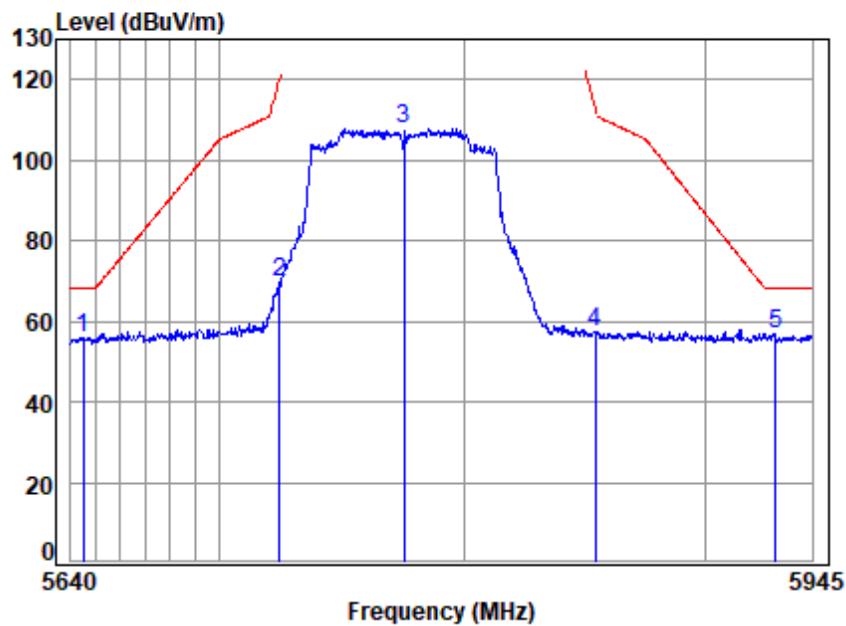
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5649.216	10.48	33.10	30.64	42.85	55.79	68.20 -12.41 Peak
2	5724.993	10.67	33.25	30.61	54.82	68.13	122.18 -54.05 peak
3	5775.000	10.91	33.35	30.59	90.86	104.53	----- peak
4	5855.507	10.95	33.59	30.56	43.29	57.27	110.66 -53.39 peak
5 pp	5935.927	10.86	33.57	30.53	43.29	57.19	68.20 -11.01 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

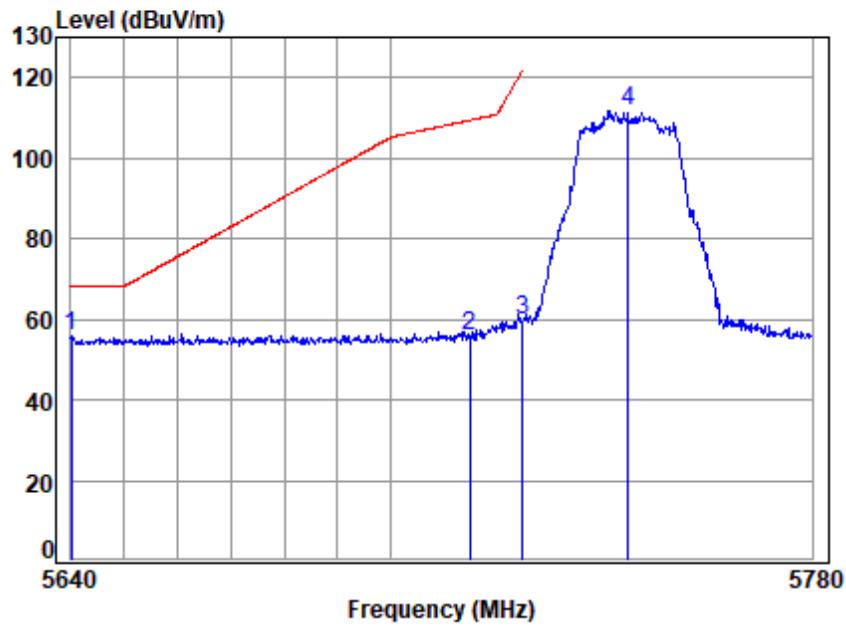
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5645.052	10.48	33.09	30.64	43.15	56.08	68.20 -12.12 Peak
2	5724.390	10.67	33.25	30.61	56.60	69.91	120.81 -50.90 peak
3	5775.000	10.91	33.35	30.59	94.18	107.85	----- peak
4	5853.965	10.95	33.59	30.56	43.43	57.41	113.16 -55.75 peak
5 pp	5929.678	10.87	33.56	30.53	42.93	56.83	68.20 -11.37 peak



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Test Mode: 23; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5745 Band edge
: 5.8G Wi-Fi 11ax20

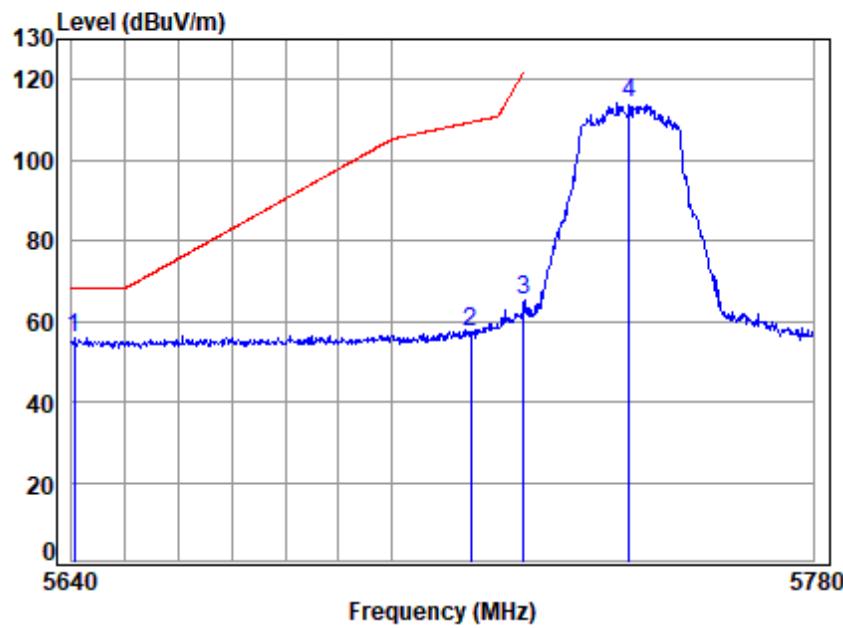
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5640.138	10.47	33.08	30.64	43.05	55.96	68.20 -12.24 peak
2	5715.000	10.63	33.23	30.61	42.53	55.78	109.40 -53.62 peak
3	5725.000	10.68	33.25	30.61	46.63	59.95	122.20 -62.25 peak
4	5745.000	10.77	33.29	30.60	98.26	111.72	----- peak



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Test Mode: 23; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1 pp	5640.553	10.47	33.08	30.64	43.16	56.07	68.20	-12.13 peak
2	5715.000	10.63	33.23	30.61	43.92	57.17	109.40	-52.23 peak
3	5725.000	10.68	33.25	30.61	51.74	65.06	122.20	-57.14 peak
4	5745.000	10.77	33.29	30.60	100.54	114.00	-----	----- peak

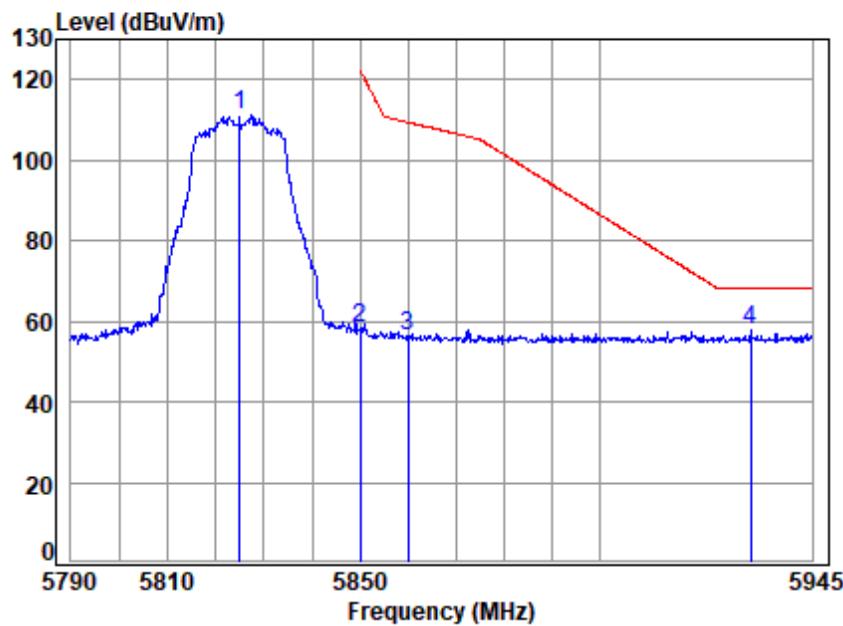
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CN) SGS Laboratory

Test Mode: 23; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5825 Band edge
: 5.8G Wi-Fi 11ax20

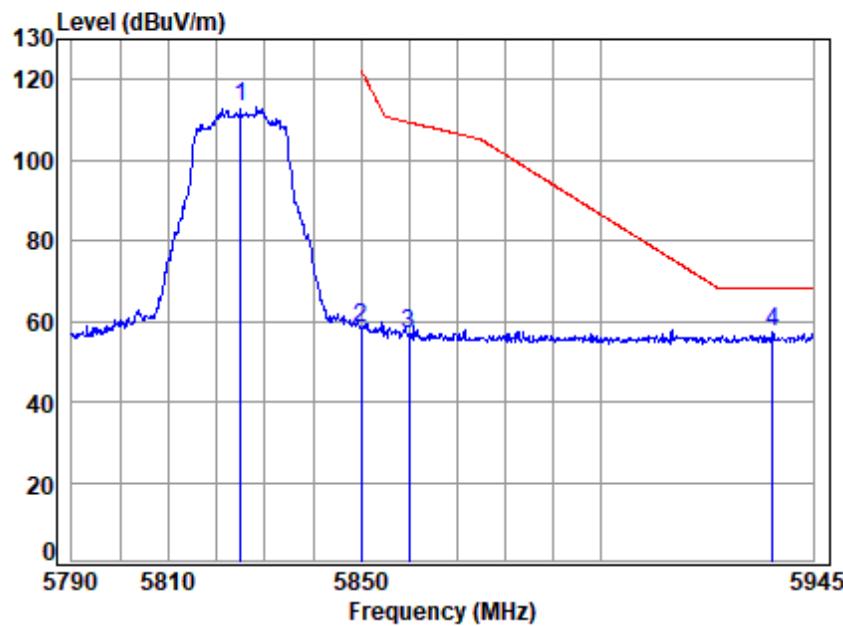
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	97.19	111.11	----- peak
2	5850.000	10.95	33.60	30.56	44.10	58.09	122.20 -64.11 peak
3	5860.000	10.94	33.58	30.56	42.36	56.32	109.40 -53.08 peak
4 pp	5931.979	10.86	33.56	30.53	43.71	57.60	68.20 -10.60 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

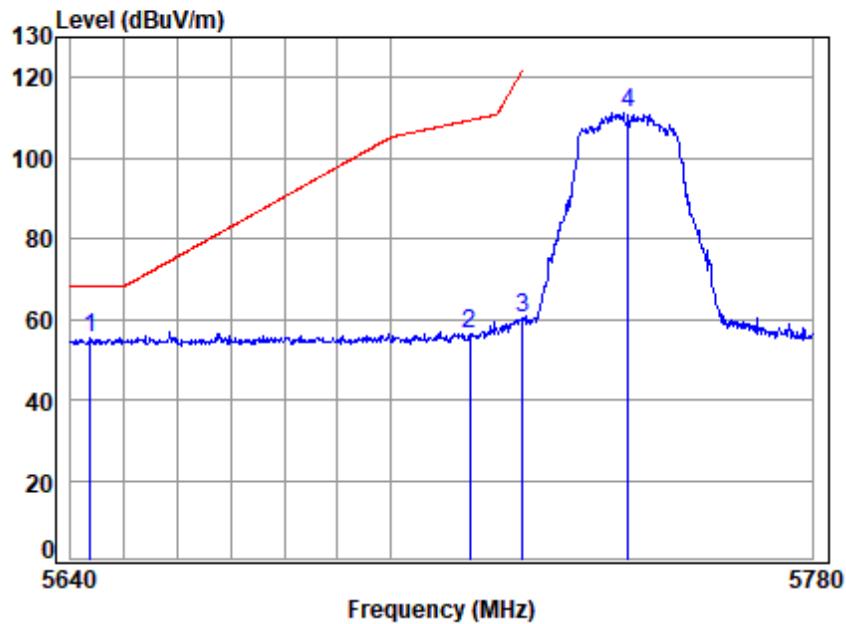
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	99.35	113.27	----- peak
2	5850.000	10.95	33.60	30.56	44.20	58.19	122.20 -64.01 peak
3	5860.000	10.94	33.58	30.56	42.87	56.83	109.40 -52.57 peak
4 pp	5936.525	10.86	33.57	30.53	43.44	57.34	68.20 -10.86 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5745 Band edge
: 5.8G Wi-Fi 11be20

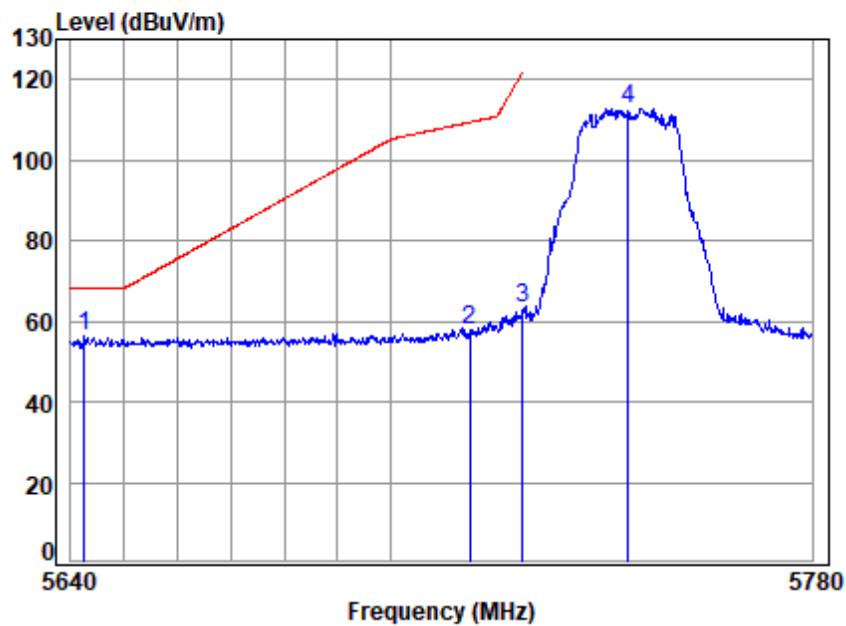
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5643.735	10.48	33.09	30.64	42.35	55.28	68.20 -12.92 peak
2	5715.000	10.63	33.23	30.61	43.19	56.44	109.40 -52.96 peak
3	5725.000	10.68	33.25	30.61	46.83	60.15	122.20 -62.05 peak
4	5745.000	10.77	33.29	30.60	97.86	111.32	----- peak



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Test Mode: 23; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11be20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1 pp	5642.490	10.47	33.08	30.64	43.62	56.53	68.20	-11.67 peak
2	5715.000	10.63	33.23	30.61	44.76	58.01	109.40	-51.39 peak
3	5725.000	10.68	33.25	30.61	49.89	63.21	122.20	-58.99 peak
4	5745.000	10.77	33.29	30.60	99.49	112.95	-----	----- peak

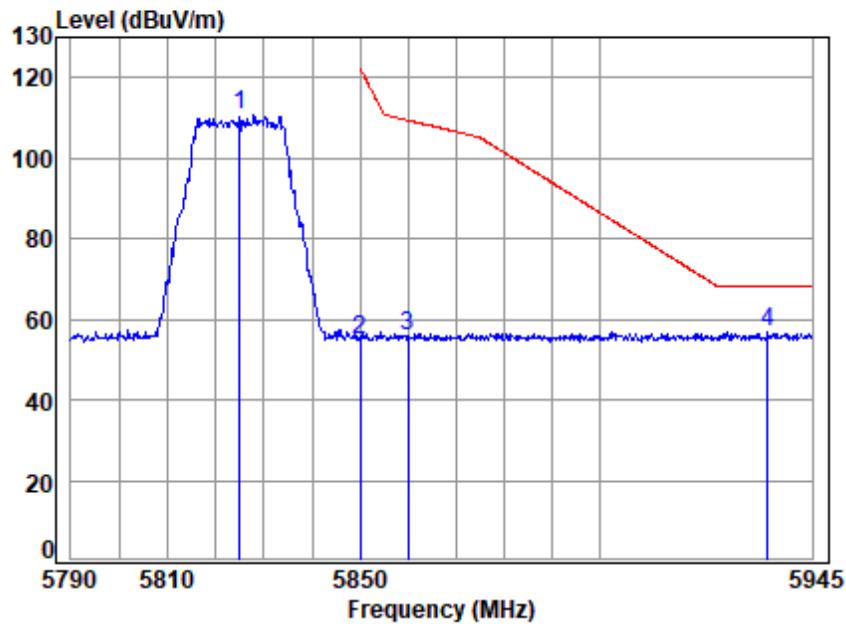
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 23; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5825 Band edge
: 5.8G Wi-Fi 11be20

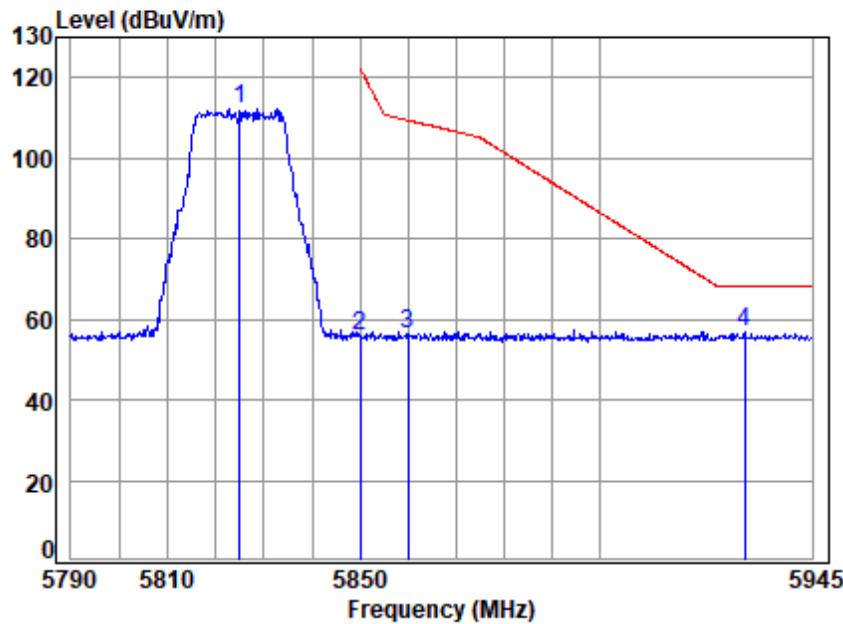
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	96.91	110.83	----- peak
2	5850.000	10.95	33.60	30.56	41.09	55.08	122.20 -67.12 peak
3	5860.000	10.94	33.58	30.56	41.79	55.75	109.40 -53.65 peak
4 pp	5935.584	10.86	33.57	30.53	42.82	56.72	68.20 -11.48 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11be20

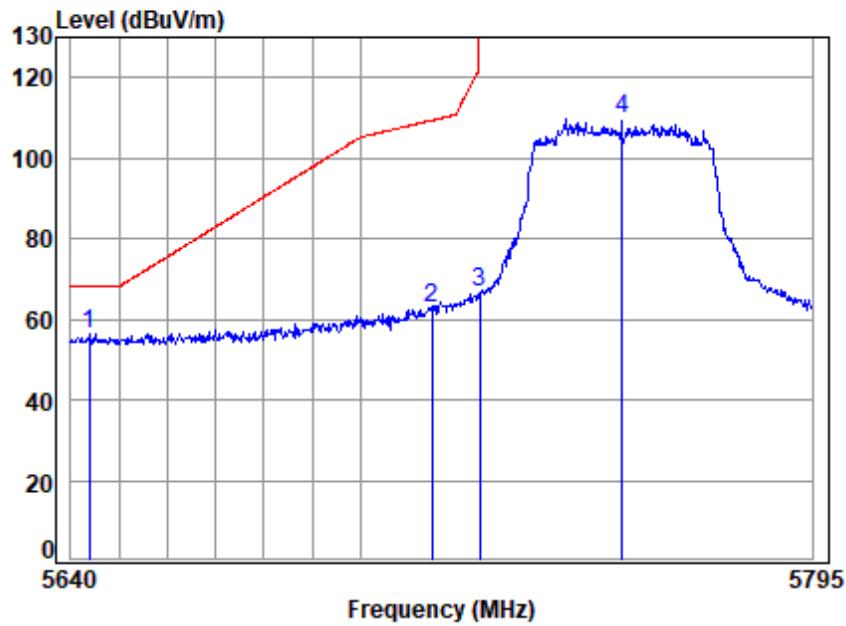
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5825.000	10.99	33.50	30.57	98.49	112.41	----- peak
2	5850.000	10.95	33.60	30.56	41.68	55.67	122.20 -66.53 peak
3	5860.000	10.94	33.58	30.56	42.24	56.20	109.40 -53.20 peak
4 pp	5930.725	10.87	33.56	30.53	43.03	56.93	68.20 -11.27 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low

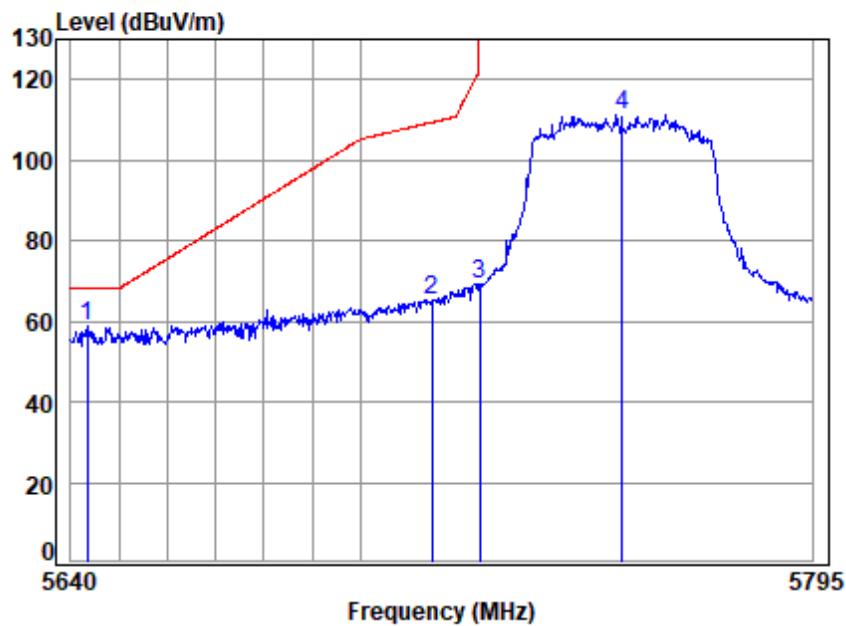


Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5755 Band edge
: 5.8G Wi-Fi 11be40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	5643.824	10.48	33.09	30.64	43.28	56.21	68.20 -11.99 peak
2	5715.000	10.63	33.23	30.61	49.41	62.66	109.40 -46.74 peak
3	5725.000	10.68	33.25	30.61	53.19	66.51	122.20 -55.69 peak
4	5755.000	10.81	33.31	30.60	96.14	109.66	----- peak



Test Mode: 23; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11be40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	Loss	Factor	Factor	Level	Level	Line			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	5643.365	10.48	33.09	30.64	45.72	58.65	68.20	-9.55 peak
2		5715.000	10.63	33.23	30.61	51.78	65.03	109.40	-44.37 peak
3		5725.000	10.68	33.25	30.61	56.11	69.43	122.20	-52.77 peak
4		5755.000	10.81	33.31	30.60	97.87	111.39	-----	----- peak

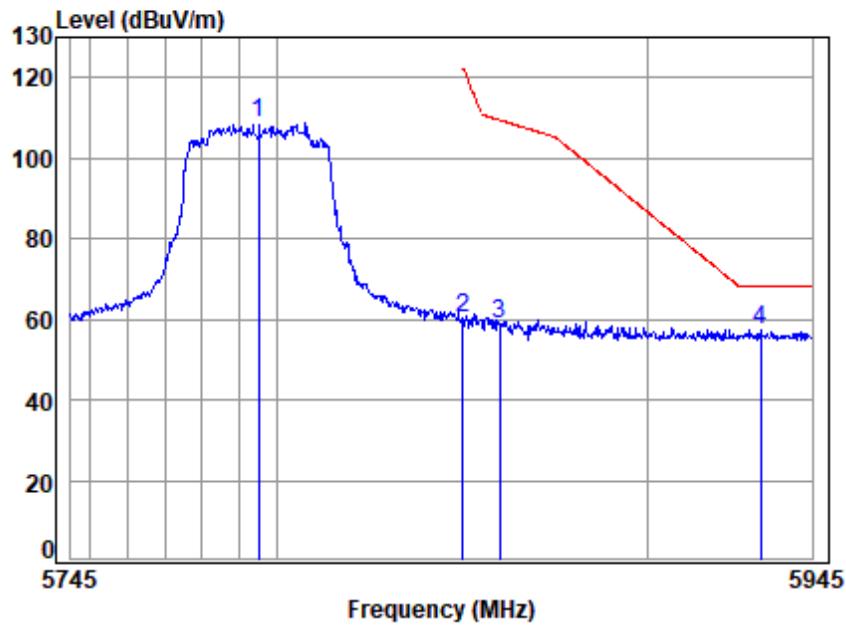
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Shenzhen Branch (CN) SGS Laboratory

Test Mode: 23; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5795 Band edge
: 5.8G Wi-Fi 11be40

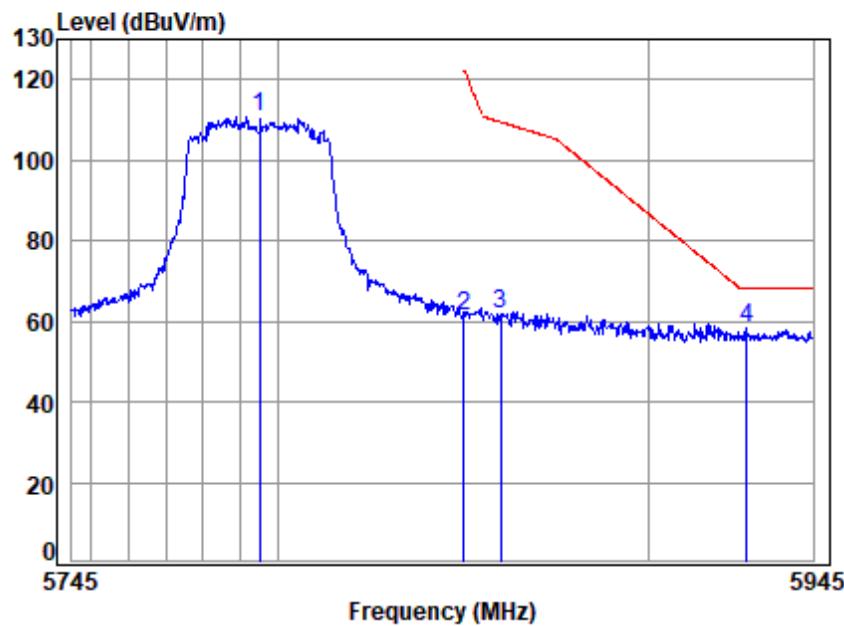
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	
1	5795.000	11.00	33.39	30.58	94.71	108.52	----- peak
2	5850.000	10.95	33.60	30.56	46.30	60.29	122.20 -61.91 peak
3	5860.000	10.94	33.58	30.56	44.66	58.62	109.40 -50.78 peak
4 pp	5930.776	10.87	33.56	30.53	43.49	57.39	68.20 -10.81 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11be40

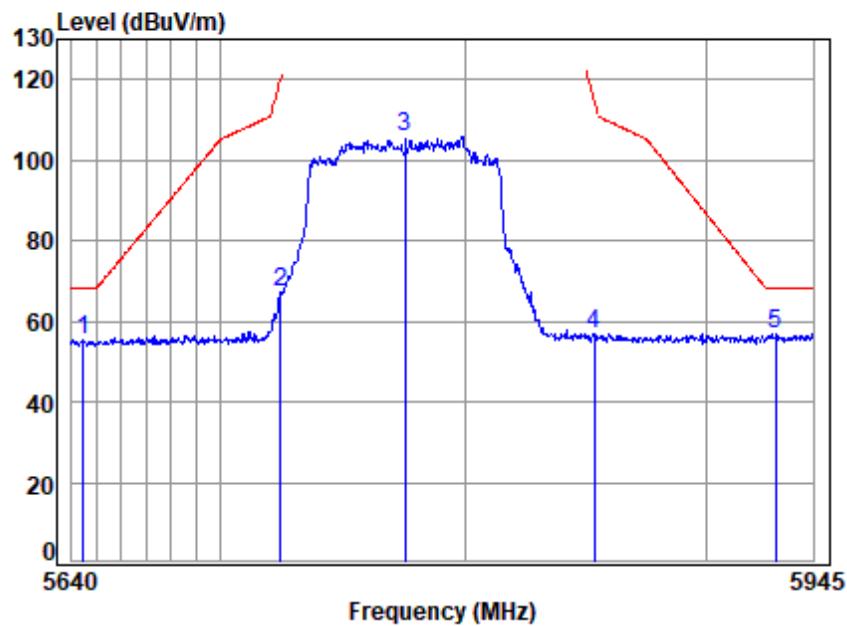
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5795.000	11.00	33.39	30.58	96.91	110.72	----- peak
2	5850.000	10.95	33.60	30.56	47.46	61.45	122.20 -60.75 peak
3	5860.000	10.94	33.58	30.56	47.64	61.60	109.40 -47.80 peak
4 pp	5926.718	10.87	33.55	30.53	44.62	58.51	68.20 -9.69 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5775 Band edge
: 5.8G Wi-Fi 11be80

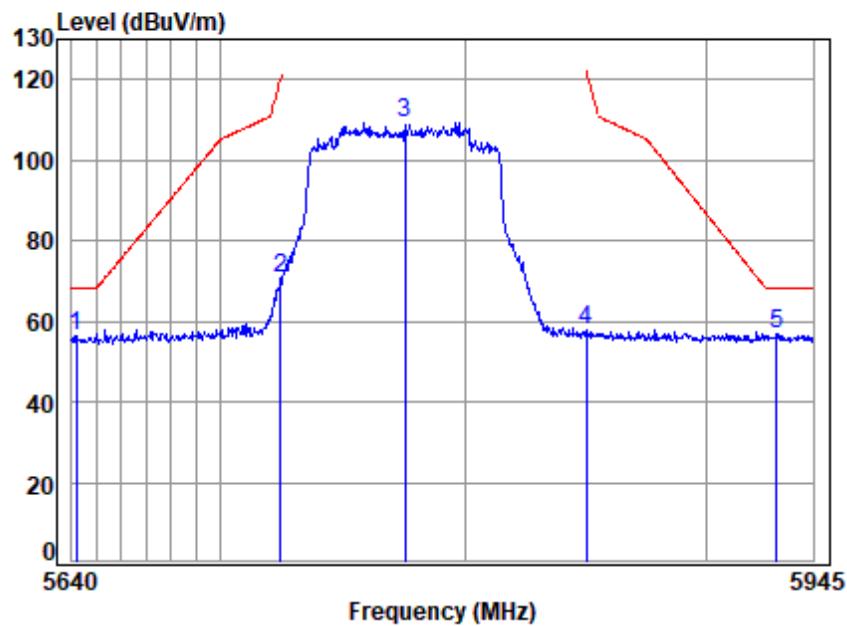
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	5644.458	10.48	33.09	30.64	42.52	55.45	68.20 -12.75 Peak
2	5724.390	10.67	33.25	30.61	54.08	67.39	120.81 -53.42 peak
3	5775.000	10.91	33.35	30.59	92.29	105.96	----- peak
4	5853.349	10.95	33.59	30.56	42.99	56.97	114.56 -57.59 peak
5 pp	5929.366	10.87	33.56	30.53	42.90	56.80	68.20 -11.40 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11be80

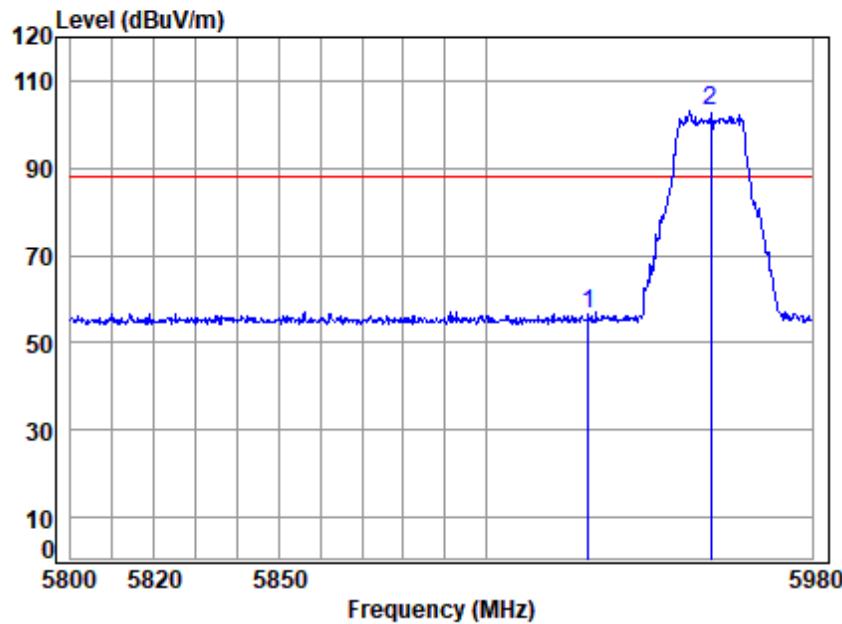
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level				
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5641.783	10.47	33.08	30.64	43.30	56.21	68.20	-11.99 Peak
2	5724.390	10.67	33.25	30.61	57.28	70.59	120.81	-50.22 peak
3	5775.000	10.91	33.35	30.59	95.81	109.48	-----	----- peak
4	5849.958	10.96	33.60	30.56	43.81	57.81	-----	----- peak
5 pp	5929.678	10.87	33.56	30.53	42.99	56.89	68.20	-11.31 peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5955 Band edge
: Wi-Fi 6E 11a

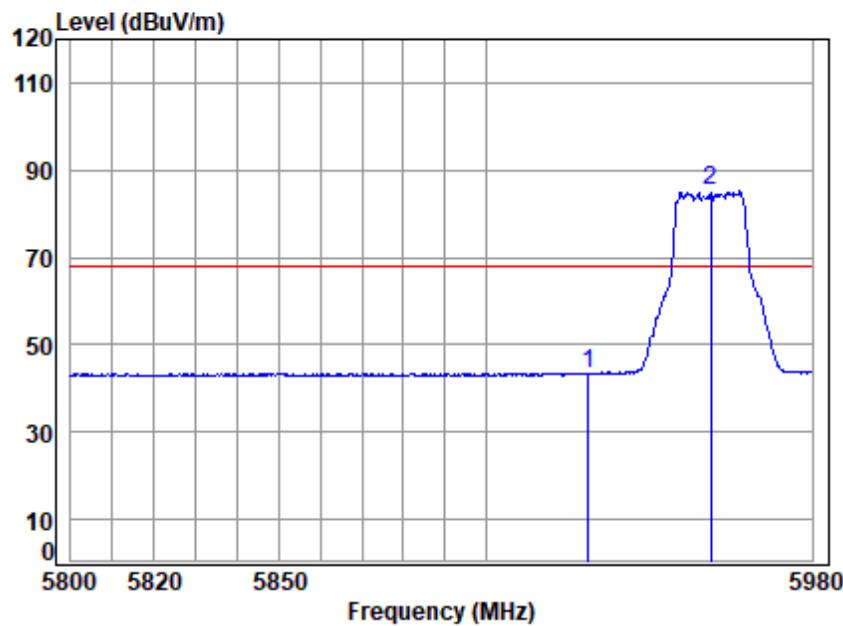
		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		5925.000	10.87	33.55	30.53	42.55	56.44	88.20	-31.76	peak
2 pp		5955.000	10.85	33.62	30.52	89.06	103.01	88.20	14.81	peak



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Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge
: Wi-Fi 6E 11a

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	29.39	43.28	68.20	-24.92 Average
2 pp	5955.000	10.85	33.62	30.52	71.24	85.19	68.20	16.99 Average

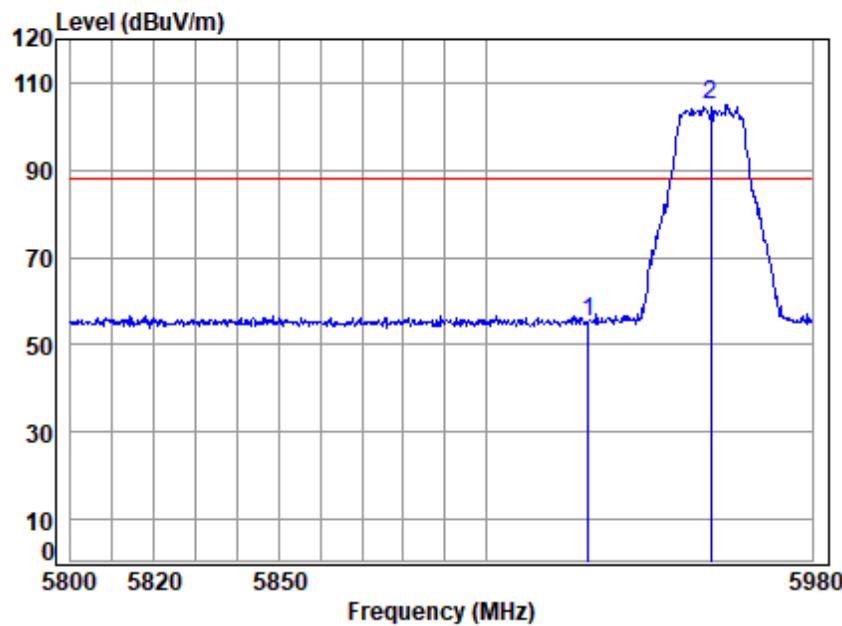
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Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge
: Wi-Fi 6E 11a

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit dB	Over Limit Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	41.37	55.26	88.20	-32.94	peak	
2 pp	5955.000	10.85	33.62	30.52	91.11	105.06	88.20	16.86	peak	

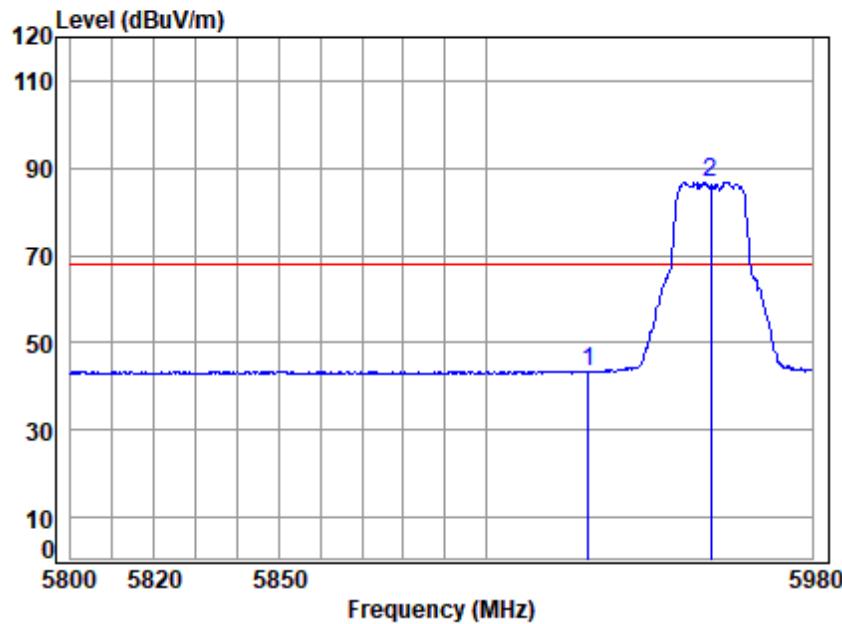
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Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge
: Wi-Fi 6E 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	29.52	43.41	68.20	-24.79	Average
2 pp	5955.000	10.85	33.62	30.52	72.93	86.88	68.20	18.68	Average

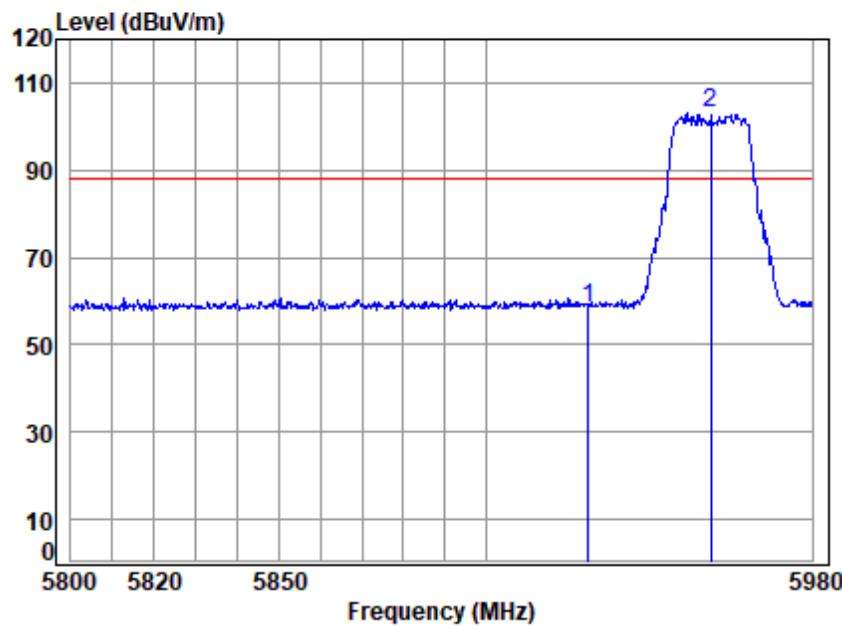
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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge
: Wi-Fi 6E 11ax20

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	44.66	58.55	88.20	-29.65	peak	
2 pp	5955.000	10.85	33.62	30.52	89.09	103.04	88.20	14.84	peak	

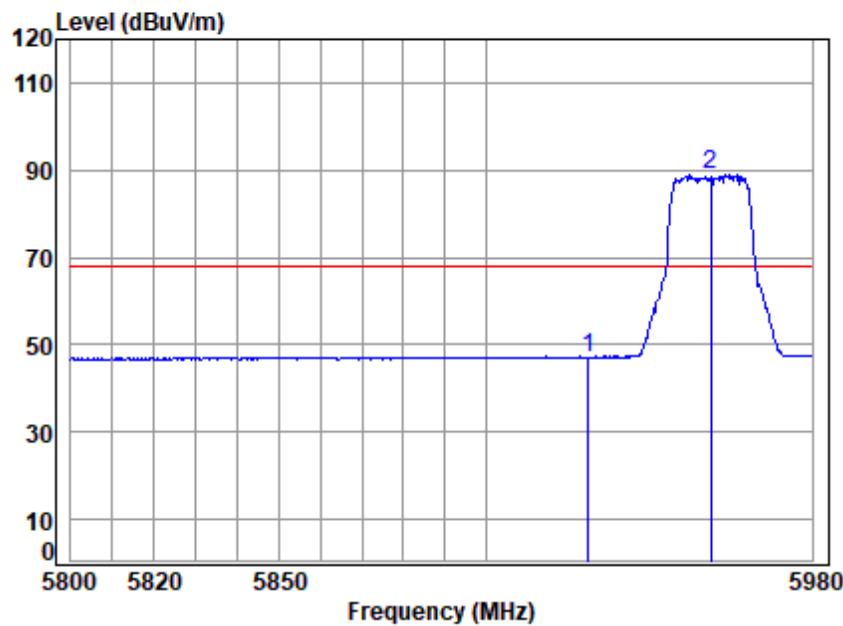
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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge

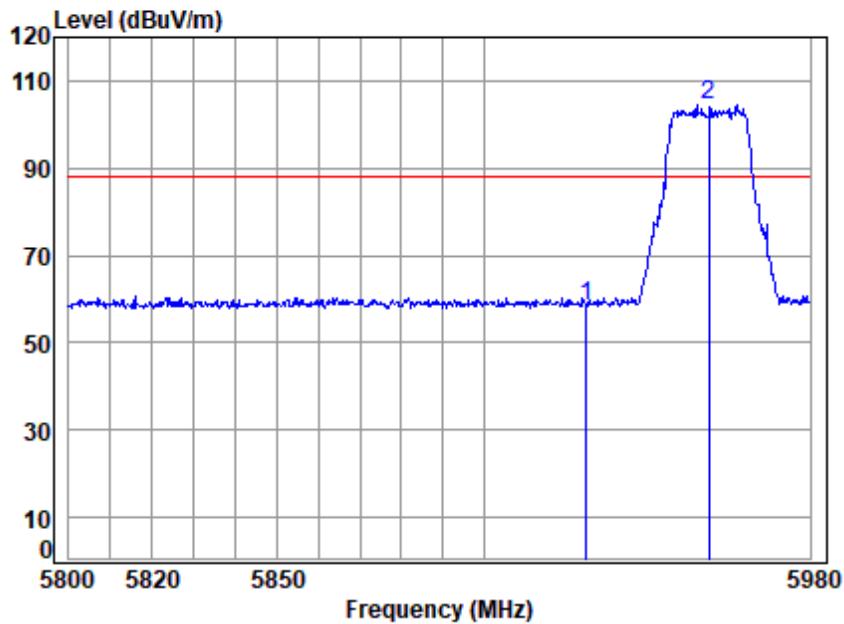
: Wi-Fi 6E 11ax20

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit dB	Over Limit Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.19	47.08	68.20	-21.12	Average	
2 pp	5955.000	10.85	33.62	30.52	75.09	89.04	68.20	20.84	Average	

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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		5925.000	10.87	33.55	30.53	44.48	58.37	88.20	-29.83	peak
2 pp		5955.000	10.85	33.62	30.52	90.73	104.68	88.20	16.48	peak

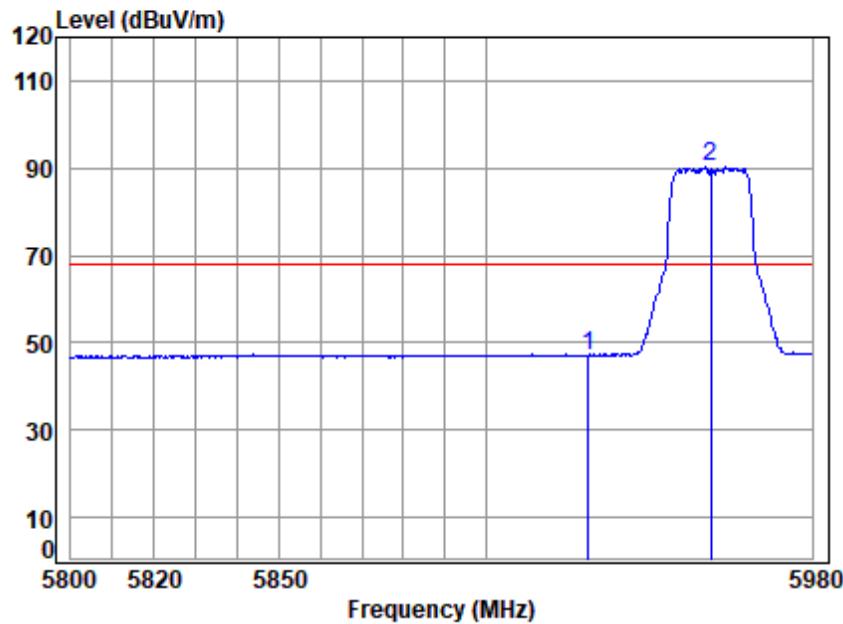
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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

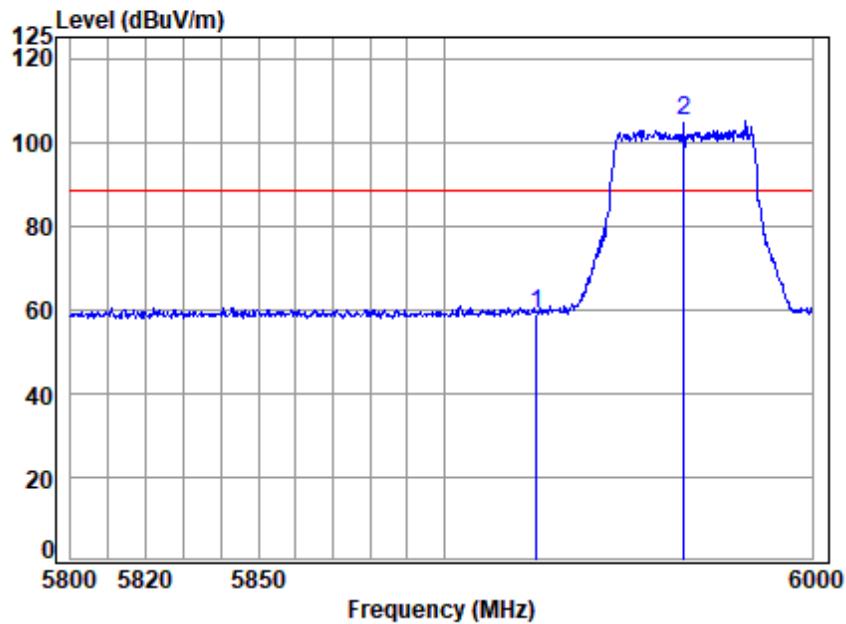
		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.16	47.05	68.20	-21.15	Average	
2 pp	5955.000	10.85	33.62	30.52	76.48	90.43	68.20	22.23	Average	



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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	45.23	59.12	88.20	-29.08 peak
2 pp	5965.000	10.84	33.66	30.51	90.87	104.86	88.20	16.66 peak

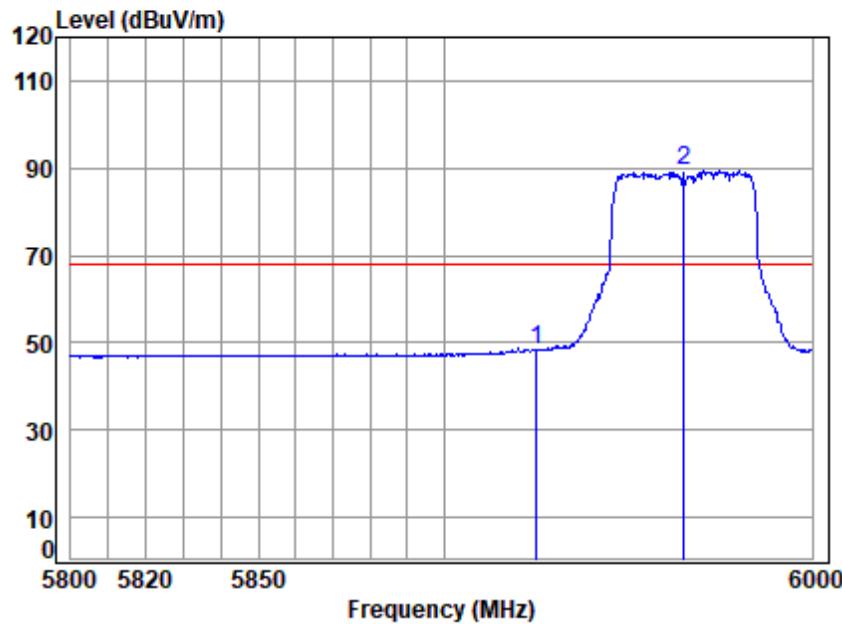
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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	34.51	48.40	68.20	-19.80 Average
2 pp	5965.000	10.84	33.66	30.51	75.37	89.36	68.20	21.16 Average

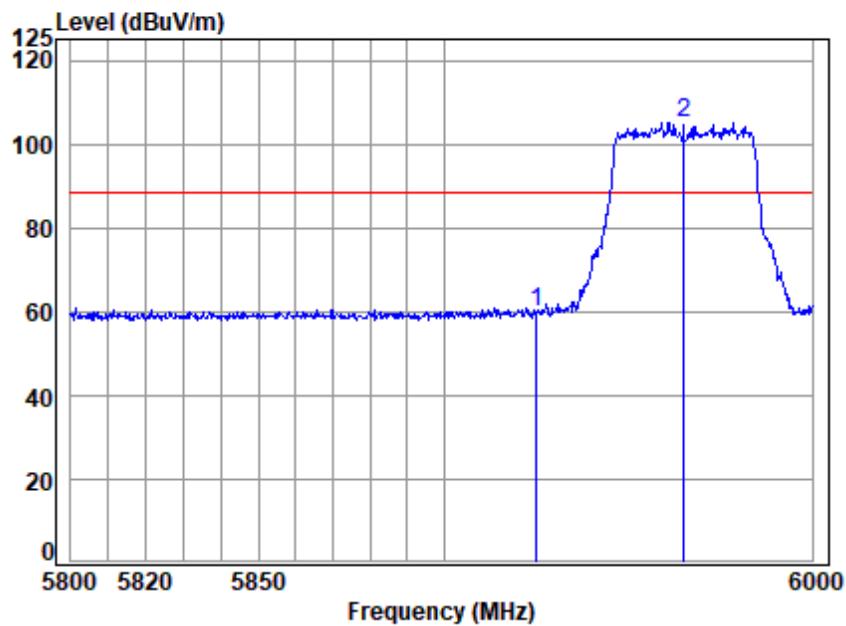
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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

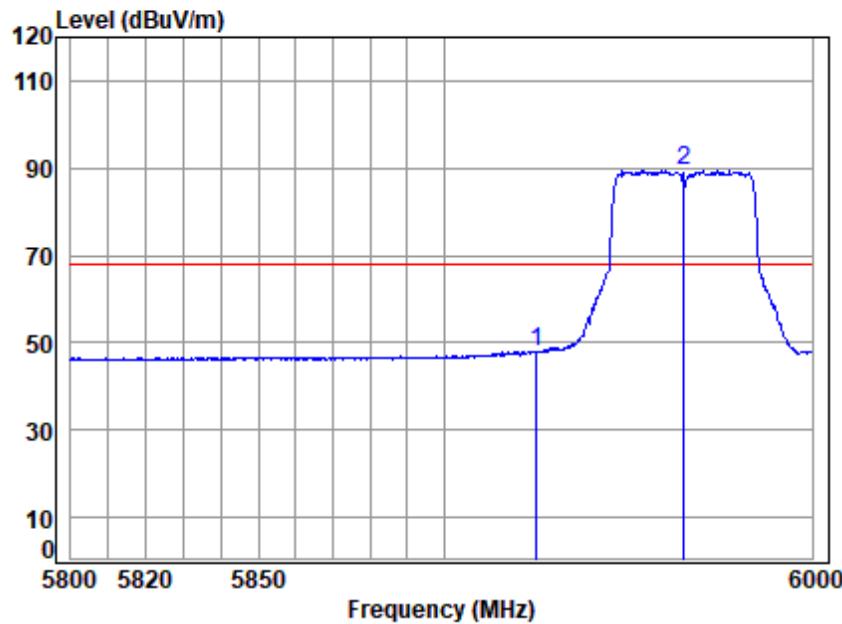
	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	46.11	60.00	88.20	-28.20 peak
2 pp	5965.000	10.84	33.66	30.51	91.08	105.07	88.20	16.87 peak

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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5965 Band edge
: Wi-Fi 6E 11ax40

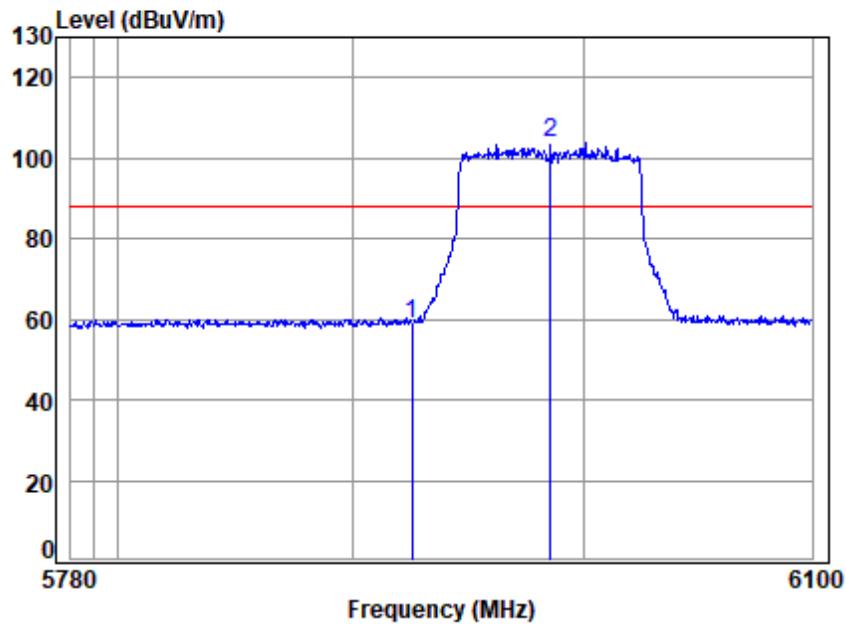
	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	34.19	48.08	68.20	-20.12 Average
2 pp	5965.000	10.84	33.66	30.51	75.61	89.60	68.20	21.40 Average



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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

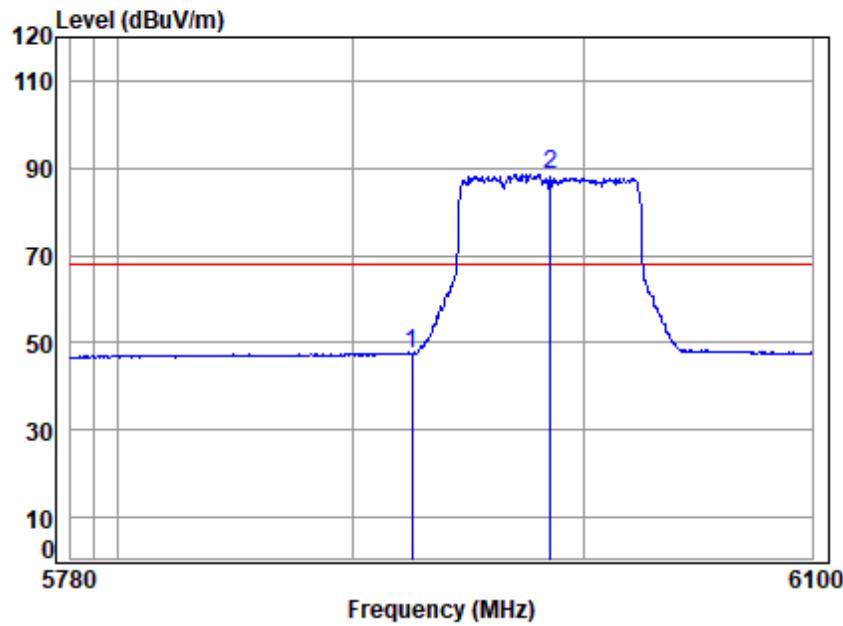
		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	45.08	58.97	88.20	-29.23	peak
2 pp	5985.000	10.82	33.74	30.51	89.55	103.60	88.20	15.40	peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5985 Band edge
: Wi-Fi 6E 11ax80

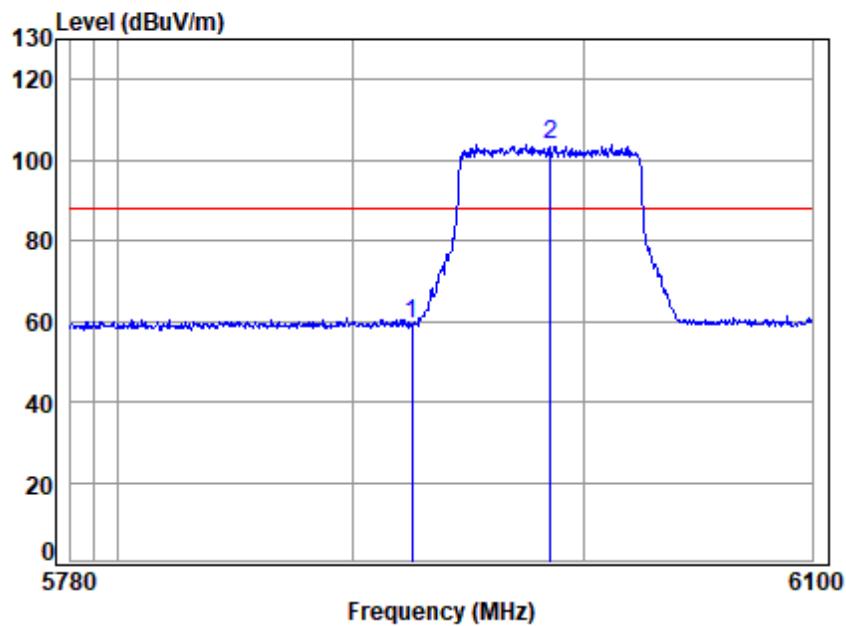
	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	33.64	47.53	68.20	-20.67 Average
2 pp	5985.000	10.82	33.74	30.51	74.49	88.54	68.20	20.34 Average



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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5985 Band edge
: Wi-Fi 6E 11ax80

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line Level	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	45.33	59.22	88.20	-28.98 peak
2 pp	5985.000	10.82	33.74	30.51	89.79	103.84	88.20	15.64 peak

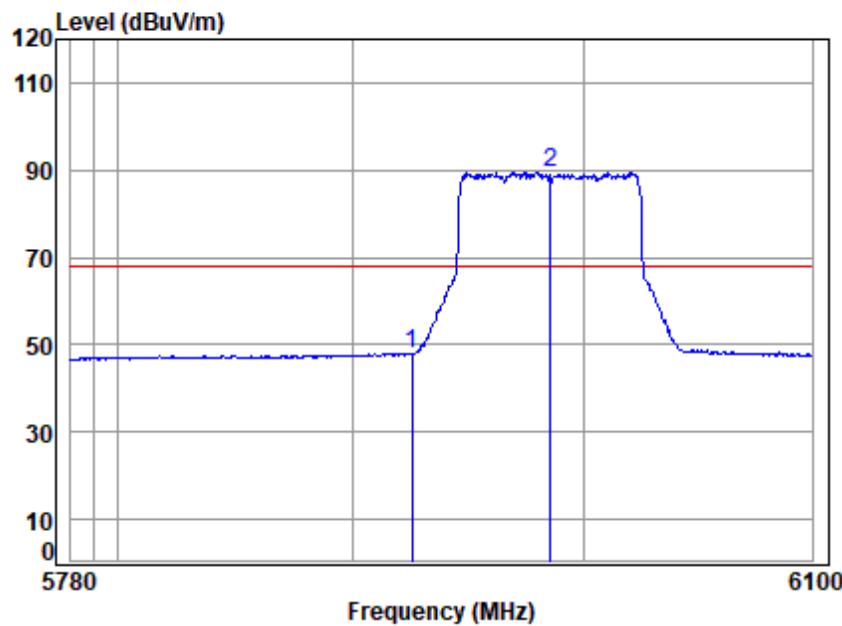
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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit dB	Over Limit Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m		
1	5925.000	10.87	33.55	30.53	33.99	47.88	68.20	-20.32	Average
2 pp	5985.000	10.82	33.74	30.51	75.56	89.61	68.20	21.41	Average

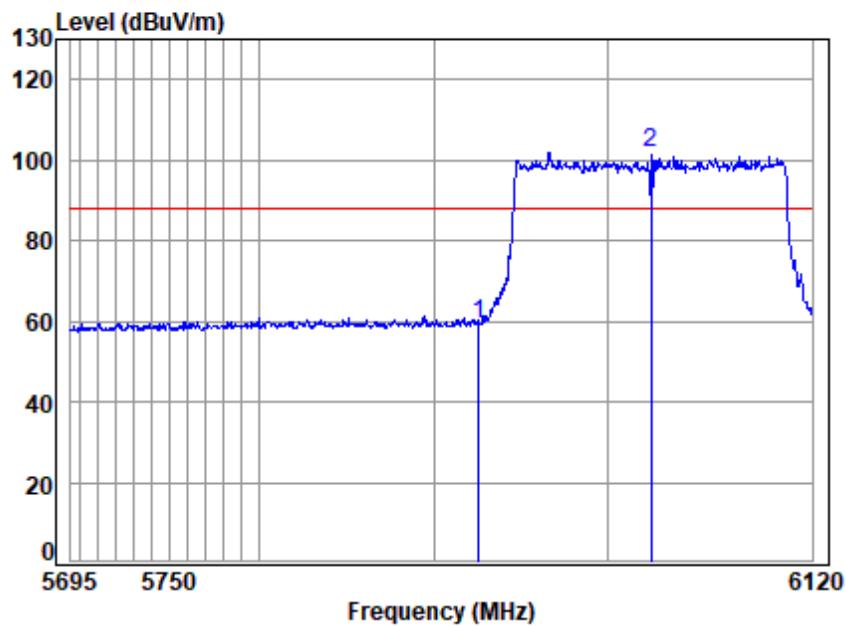
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Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6025 Band edge
: Wi-Fi 6E 11ax160

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	45.20	59.09	88.20	-29.11 peak
2 pp	6025.000	10.82	33.85	30.52	87.64	101.79	88.20	13.59 peak



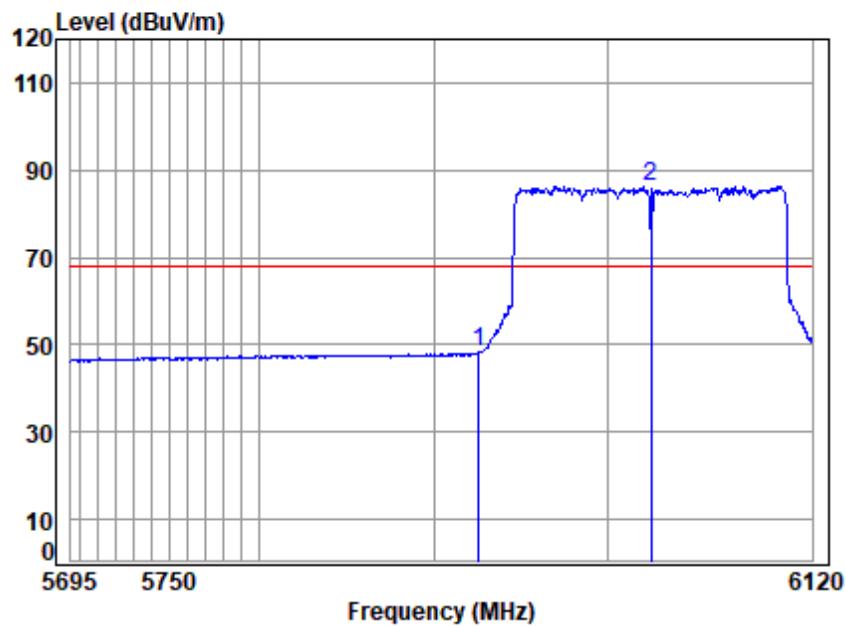
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Shenzhen Branch Testing Services Co., Ltd. Laboratory.

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	34.25	48.14	68.20	-20.06 Average
2 pp	6025.000	10.82	33.85	30.52	72.14	86.29	68.20	18.09 Average

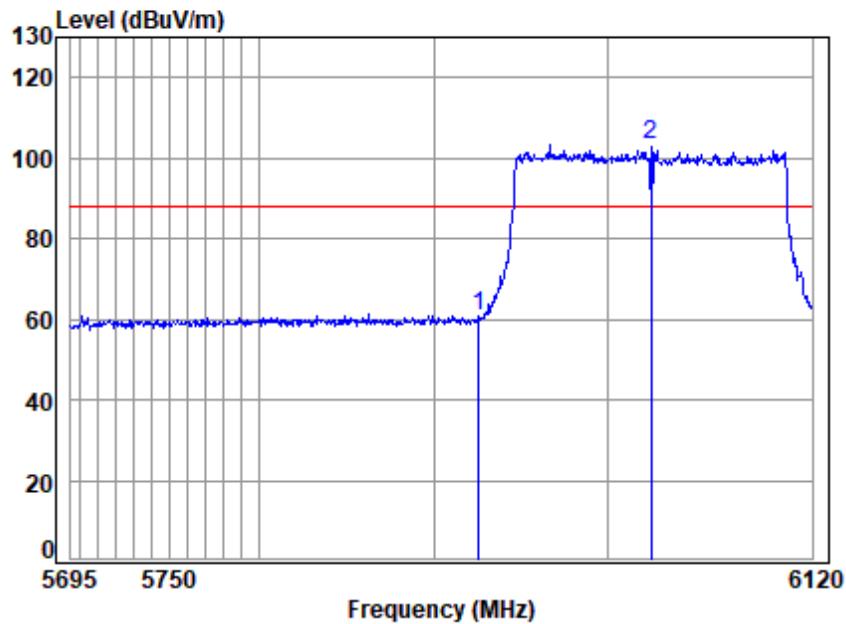
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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	46.68	60.57	88.20	-27.63 peak
2 pp	6025.000	10.82	33.85	30.52	89.31	103.46	88.20	15.26 peak

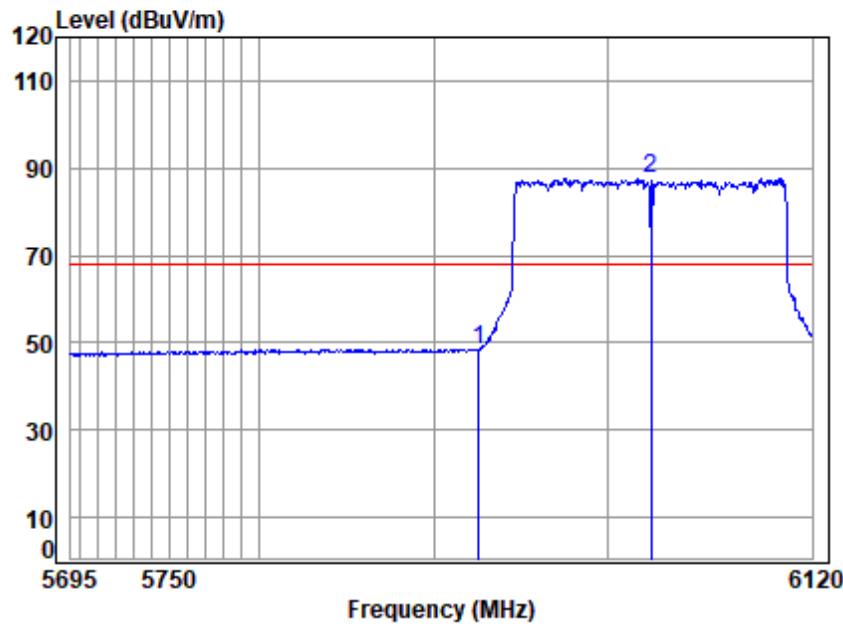
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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	34.49	48.38	68.20	-19.82 Average
2 pp	6025.000	10.82	33.85	30.52	73.59	87.74	68.20	19.54 Average

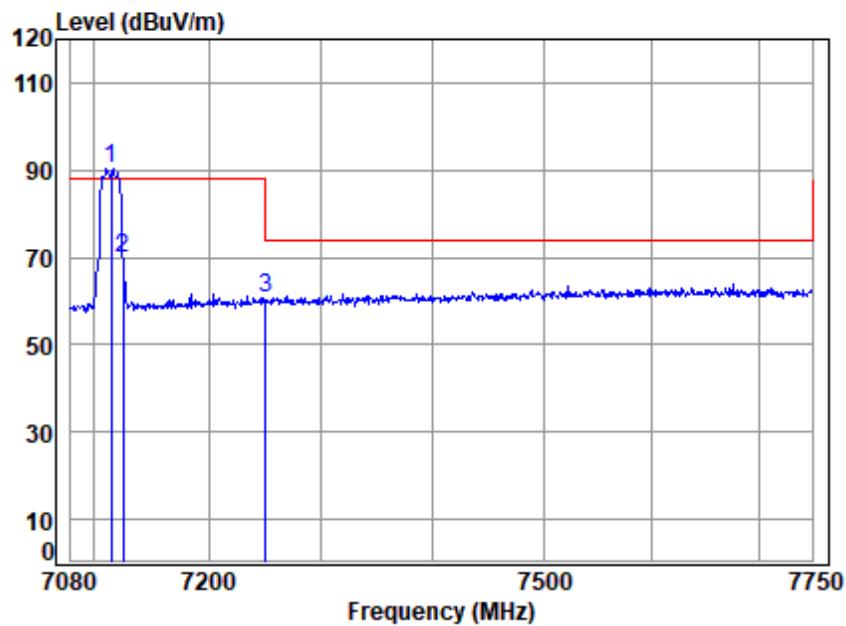
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Test Mode: 31; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge

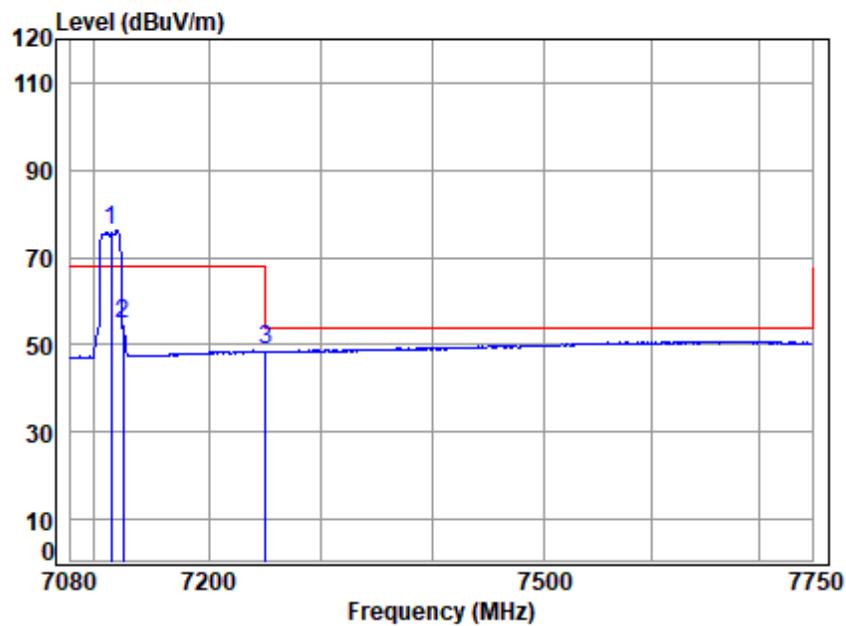
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	7115.000	11.81	36.43	31.26	73.33	90.31	88.20 2.11 peak
2	7125.598	11.82	36.45	31.26	52.81	69.82	88.20 -18.38 peak
3	7250.000	11.90	36.60	31.33	43.56	60.73	74.00 -13.27 peak



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Test Mode: 31; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	7115.000	11.81	36.43	31.26	59.19	76.17	68.20	7.97 Average
2	7125.598	11.82	36.45	31.26	37.57	54.58	68.20	-13.62 Average
3	7250.000	11.90	36.60	31.33	31.70	48.87	54.00	-5.13 Average

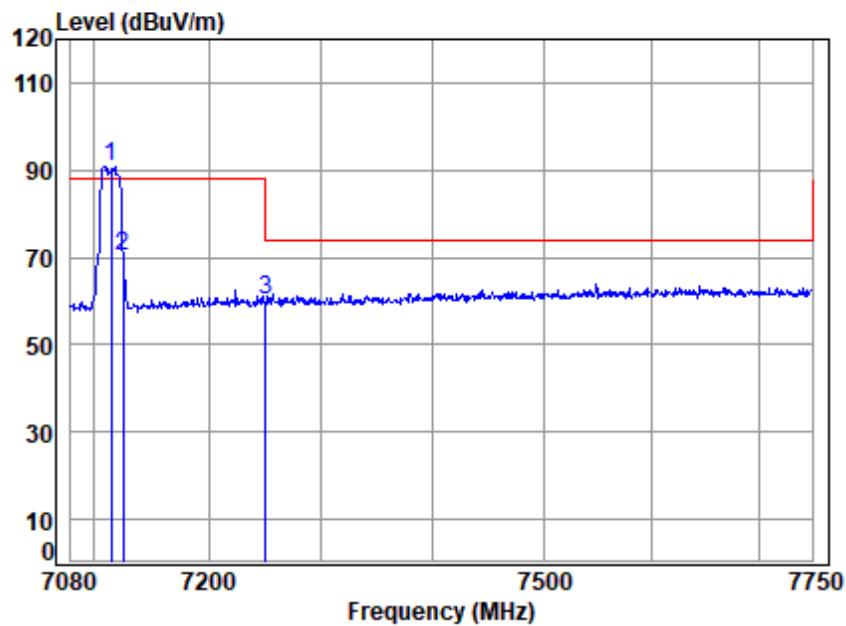
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Test Mode: 31; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	Loss	Factor	Factor	Level	Level	Line		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.26	73.97	90.95	88.20	2.75 peak
2	7125.598	11.82	36.45	31.26	53.35	70.36	88.20	-17.84 peak
3	7250.000	11.90	36.60	31.33	43.08	60.25	74.00	-13.75 peak

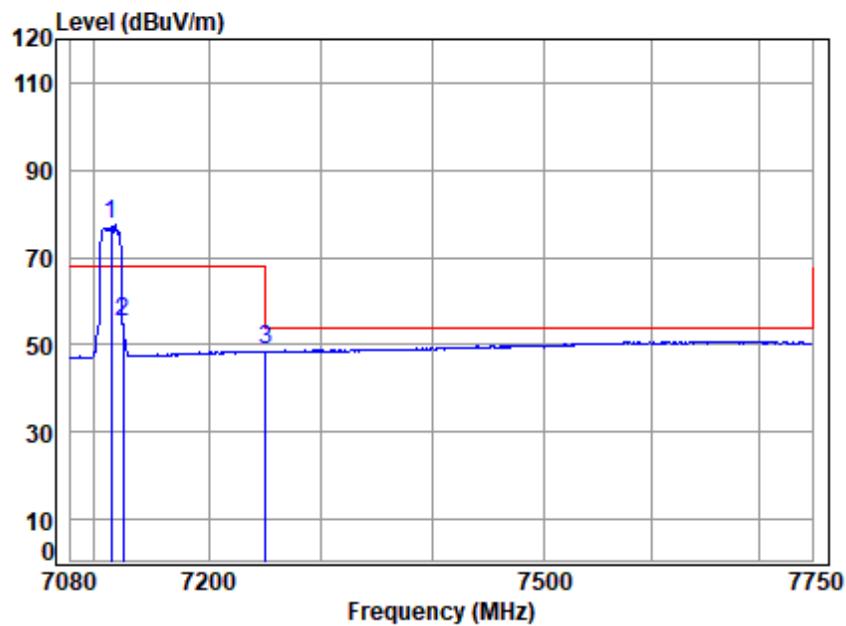
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Test Mode: 31; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 7115 Band edge
: Wi-Fi 6E 11a

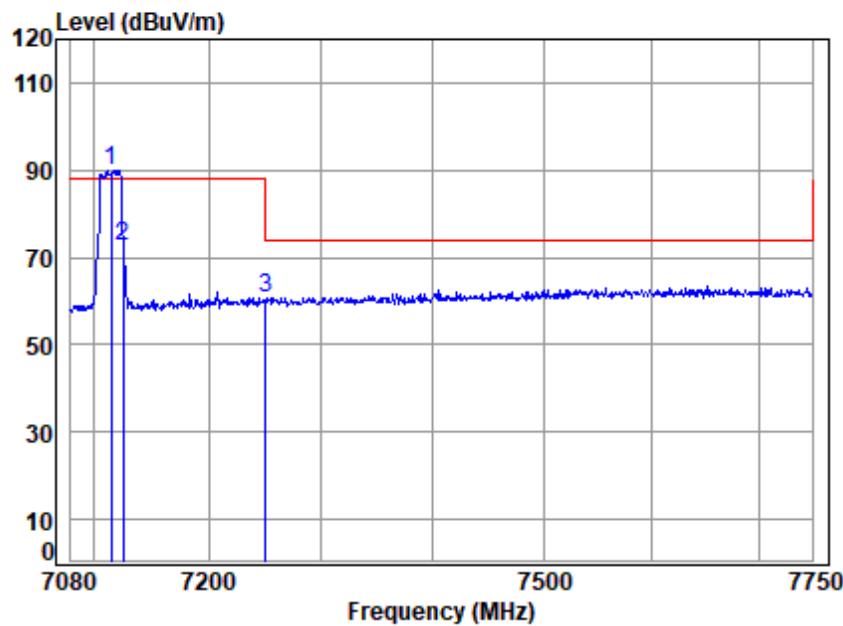
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	7115.000	11.81	36.43	31.26	60.37	77.35	68.20 9.15 Average
2	7125.598	11.82	36.45	31.26	38.28	55.29	68.20 -12.91 Average
3	7250.000	11.90	36.60	31.33	31.63	48.80	54.00 -5.20 Average

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

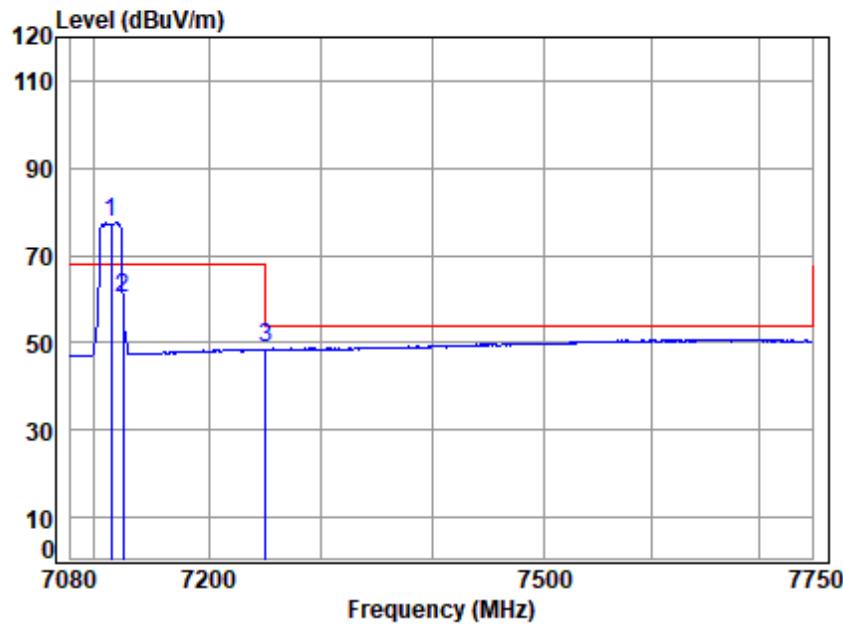
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
1 pp	7115.000	11.81	36.43	31.26	73.09	90.07	88.20	1.87 peak
2	7125.598	11.82	36.45	31.26	55.59	72.60	88.20	-15.60 peak
3	7250.000	11.90	36.60	31.33	43.52	60.69	74.00	-13.31 peak

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.26	60.66	77.64	68.20	9.44 Average
2	7125.598	11.82	36.45	31.26	43.23	60.24	68.20	-7.96 Average
3	7250.000	11.90	36.60	31.33	31.61	48.78	54.00	-5.22 Average

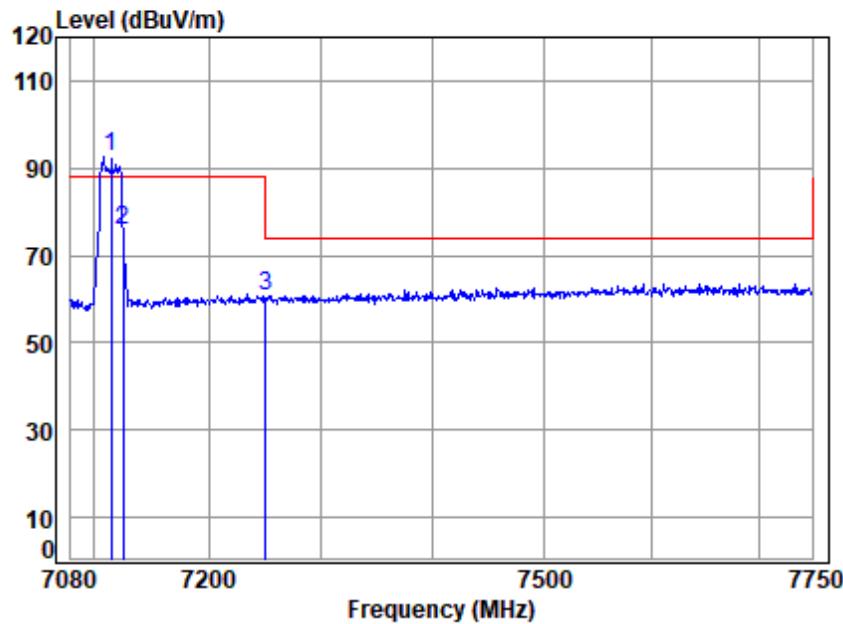
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Shenzhen Branch (CN) Testing Services Co., Ltd. Laboratory.

Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	7115.000	11.81	36.43	31.26	75.51	92.49	88.20 4.29 peak
2	7125.598	11.82	36.45	31.26	58.66	75.67	88.20 -12.53 peak
3	7250.000	11.90	36.60	31.33	43.52	60.69	74.00 -13.31 peak

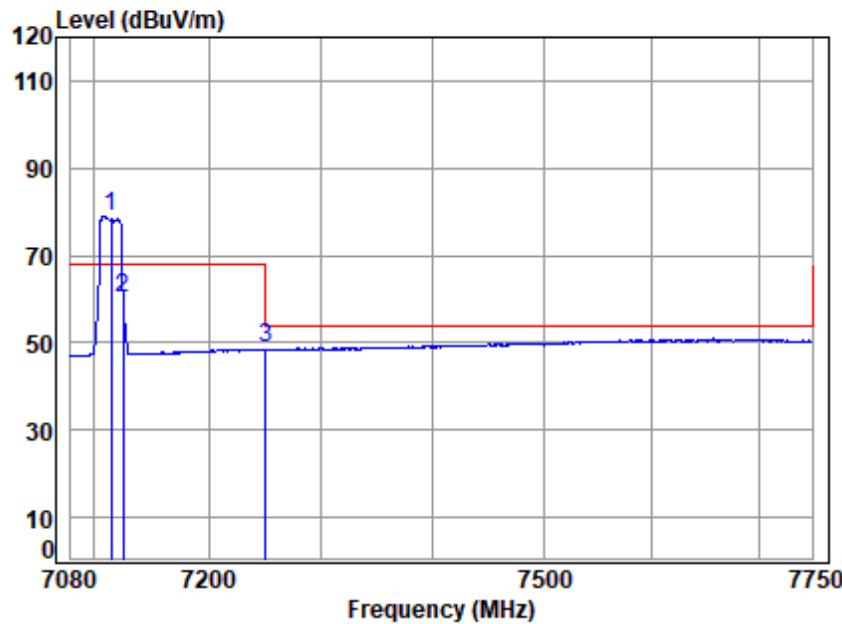
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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	7115.000	11.81	36.43	31.26	61.90	78.88	68.20 10.68 Average
2	7125.598	11.82	36.45	31.26	43.38	60.39	68.20 -7.81 Average
3	7250.000	11.90	36.60	31.33	31.46	48.63	54.00 -5.37 Average

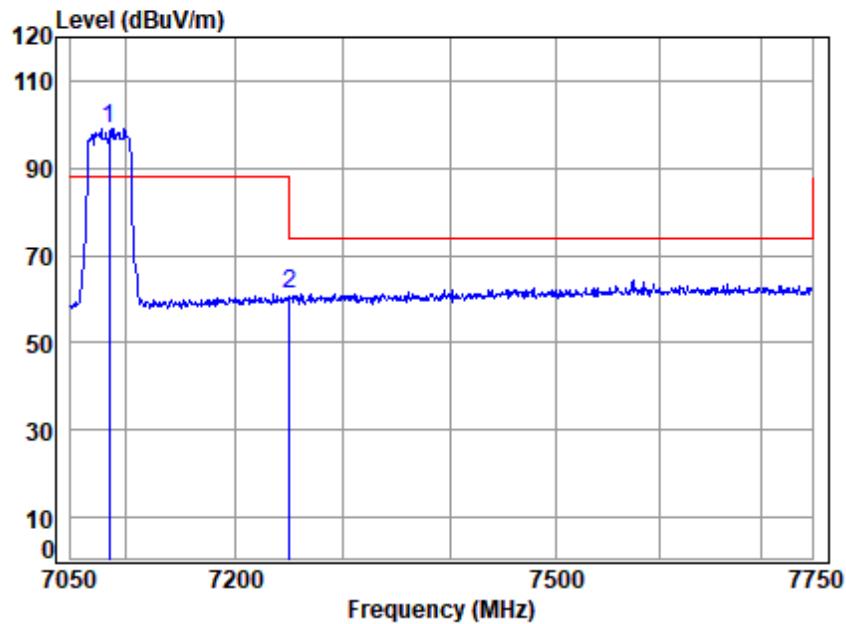
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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	7085.000	11.77	36.37	31.24	82.31	99.21	88.20	11.01	peak
2		7250.000	11.90	36.60	31.33	44.01	61.18	74.00	-12.82	peak

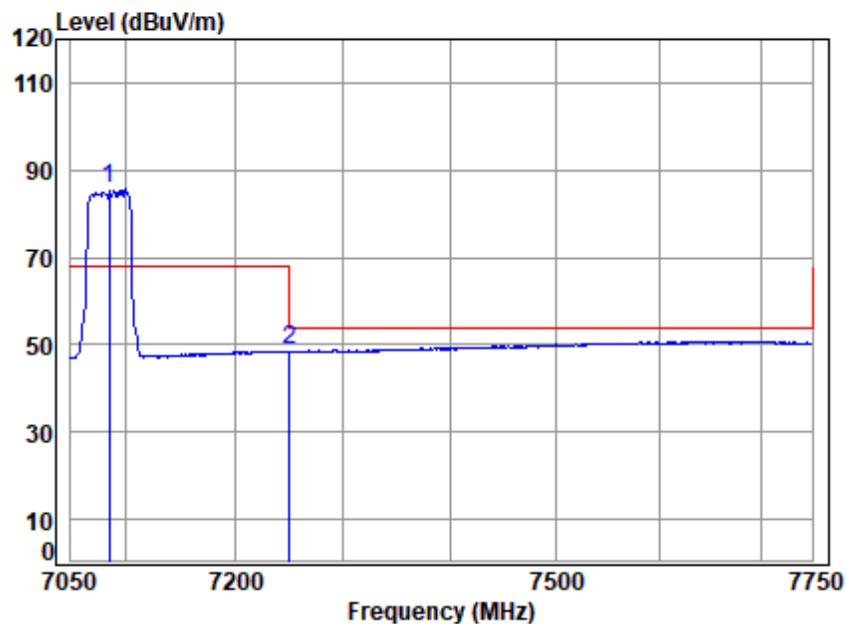
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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.24	68.94	85.84	68.20	17.64
2	7250.000	11.90	36.60	31.33	31.62	48.79	54.00	-5.21
								Average

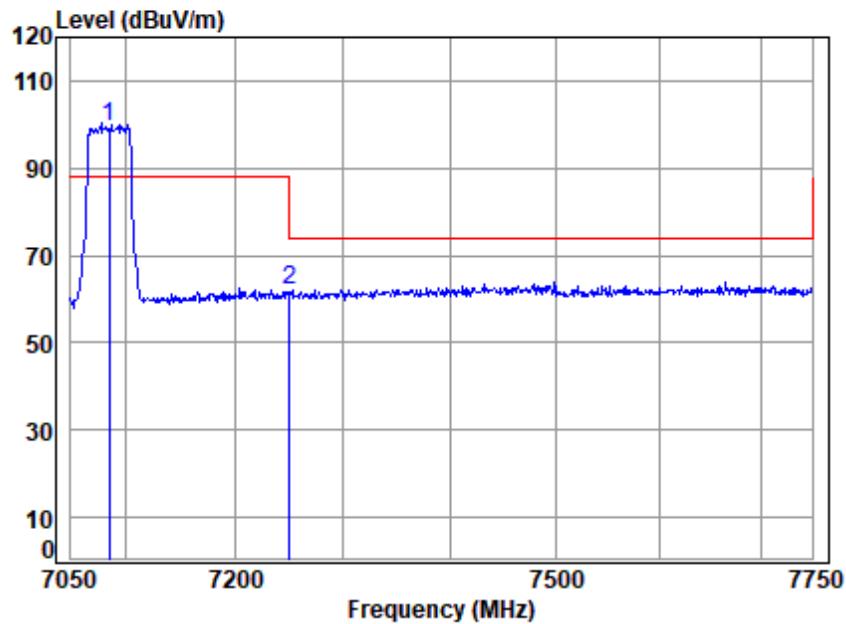
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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.24	82.64	99.54	88.20	11.34 peak
2	7250.000	11.90	36.60	31.33	44.82	61.99	74.00	-12.01 peak

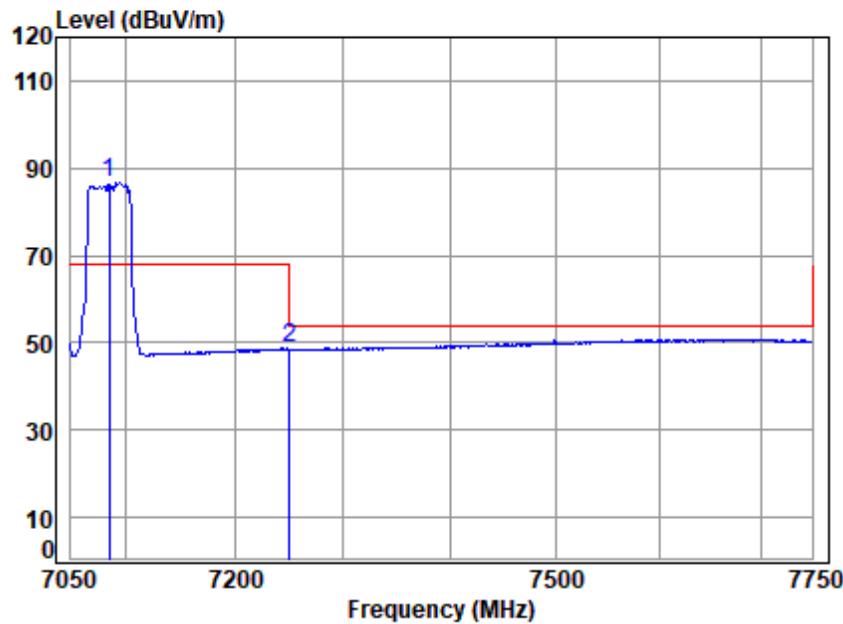
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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT
Mode : 7085 Band edge
: Wi-Fi 6E 11ax40

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7085.000	11.77	36.37	31.24	69.91	86.81	68.20	18.61 Average
2	7250.000	11.90	36.60	31.33	31.80	48.97	54.00	-5.03 Average

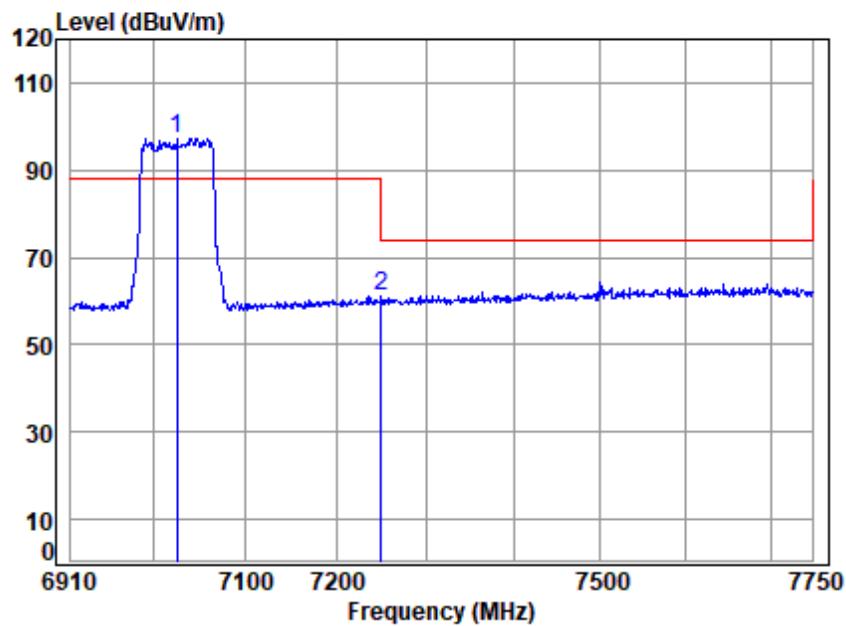
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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

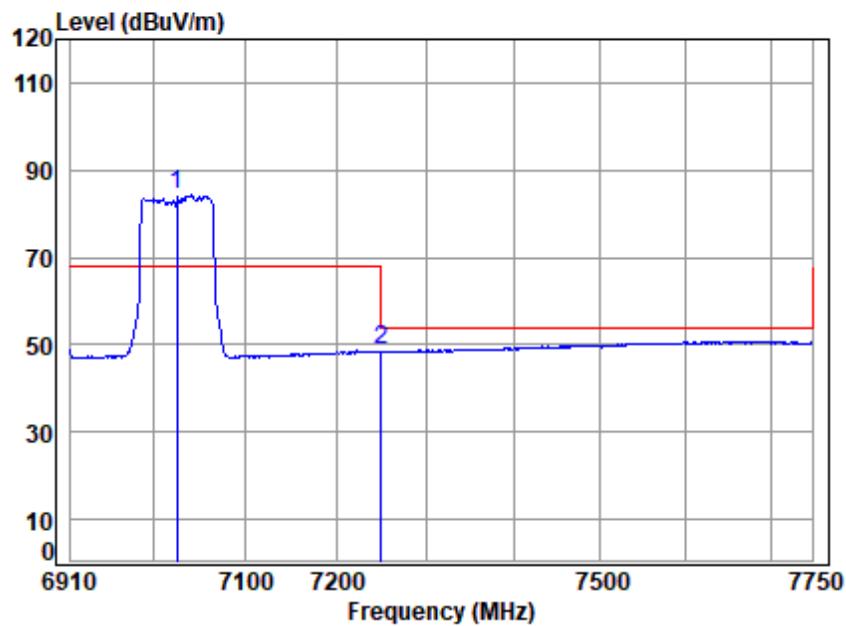
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	7025.000	11.64	36.25	31.21	80.71	97.39	88.20	9.19 peak
2	7250.000	11.90	36.60	31.33	43.92	61.09	74.00	-12.91 peak



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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

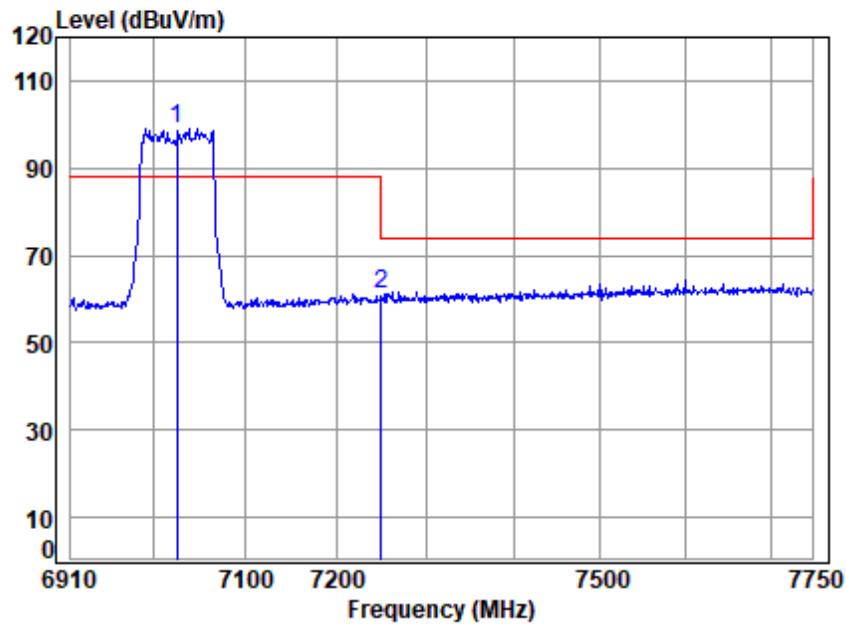
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	7025.000	11.64	36.25	31.21	67.57	84.25	68.20	16.05 Average
2	7250.000	11.90	36.60	31.33	31.80	48.97	54.00	-5.03 Average

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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

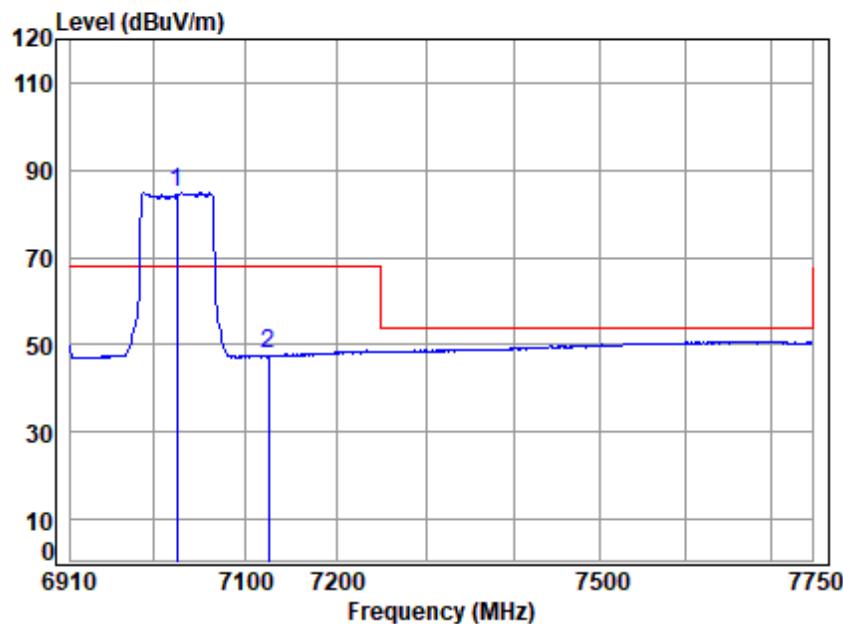
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	7025.000	11.64	36.25	31.21	82.56	99.24	88.20	11.04 peak
2	7250.000	11.90	36.60	31.33	44.12	61.29	74.00	-12.71 peak



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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

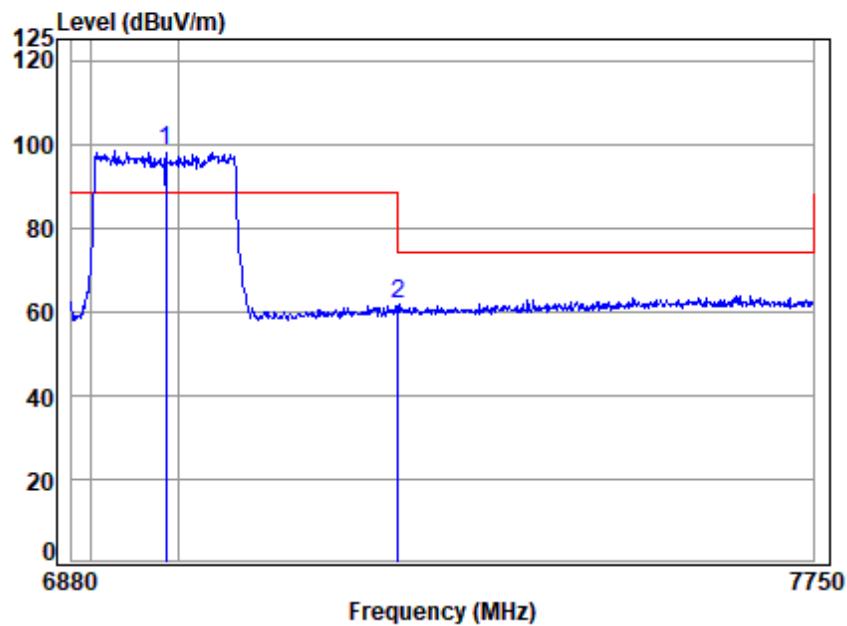
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1 pp	7025.000	11.64	36.25	31.21	68.33	85.01	68.20	16.81	Average
2	7125.000	11.82	36.45	31.26	30.89	47.90	68.20	-20.30	Average

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark	
	Loss	Factor	Factor	Level	Level	Line	Limit		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp	6985.000	11.57	36.17	31.19	81.90	98.45	88.20	10.25 peak
2		7250.000	11.90	36.60	31.33	44.45	61.62	74.00	-12.38 peak

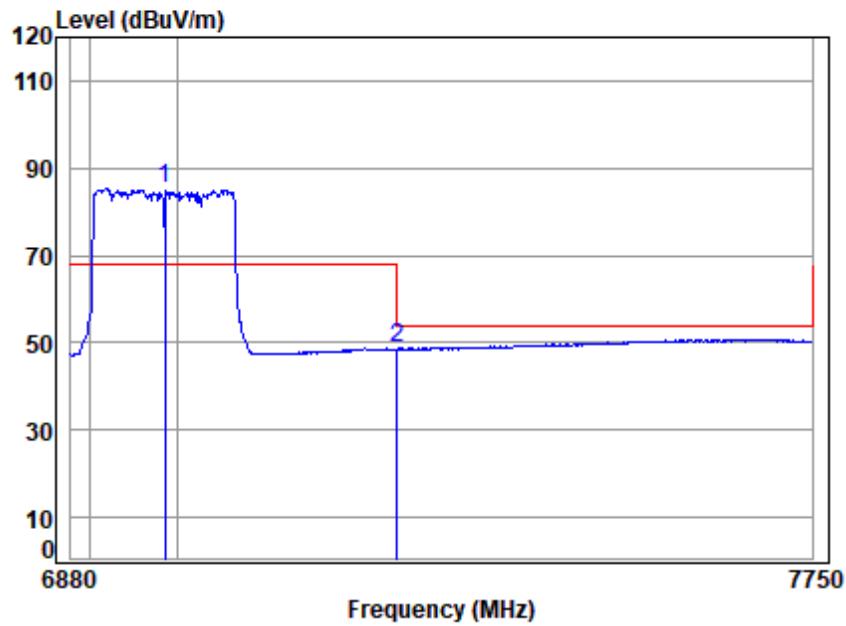
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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6985 Band edge
: Wi-Fi 6E 11ax160

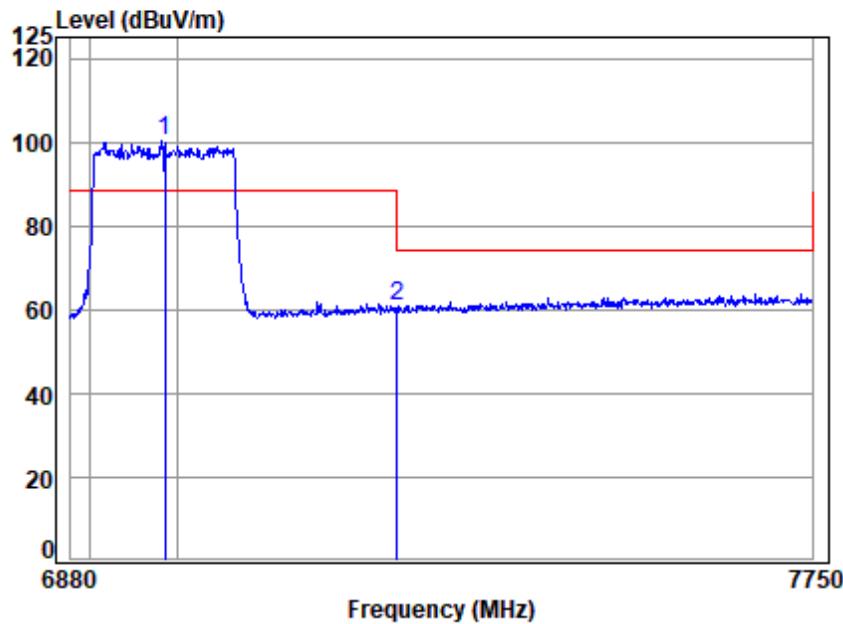
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark	
	MHz	Loss	Factor	Level	Level	Line		
1 pp	6985.000	11.57	36.17	31.19	68.82	85.37	68.20	17.17 Average
2	7250.000	11.90	36.60	31.33	31.88	49.05	54.00	-4.95 Average



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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1 pp	6985.000	11.57	36.17	31.19	83.73	100.28	88.20 12.08 peak
2	7250.000	11.90	36.60	31.33	43.84	61.01	74.00 -12.99 peak

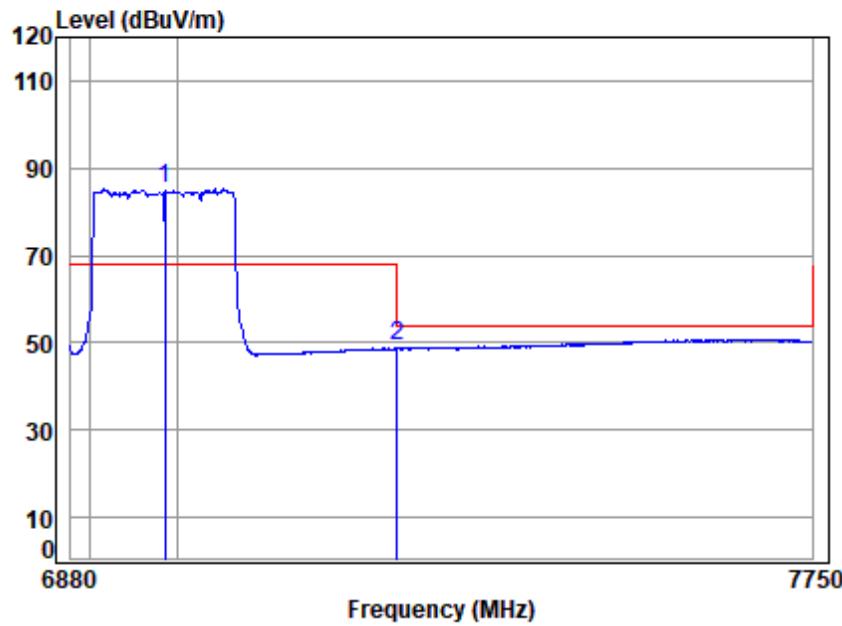
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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				Level	dBuV			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	6985.000	11.57	36.17	31.19	68.63	85.18	68.20	16.98 Average
2	7250.000	11.90	36.60	31.33	31.88	49.05	54.00	-4.95 Average

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7.4 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

Measurement Distance: 3m

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

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 46.8 % RH

Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	16	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-1)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	18	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500180306

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		802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	19	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	20	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/160). Only the data of worst case is recorded in the report.
Pre-scan	21	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/160). Only the data of worst case is recorded in the report.
Pre-scan	22	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	23	Charge + TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	24	TX mode (U-NII-5)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	25	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	26	TX mode (U-NII-6)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and

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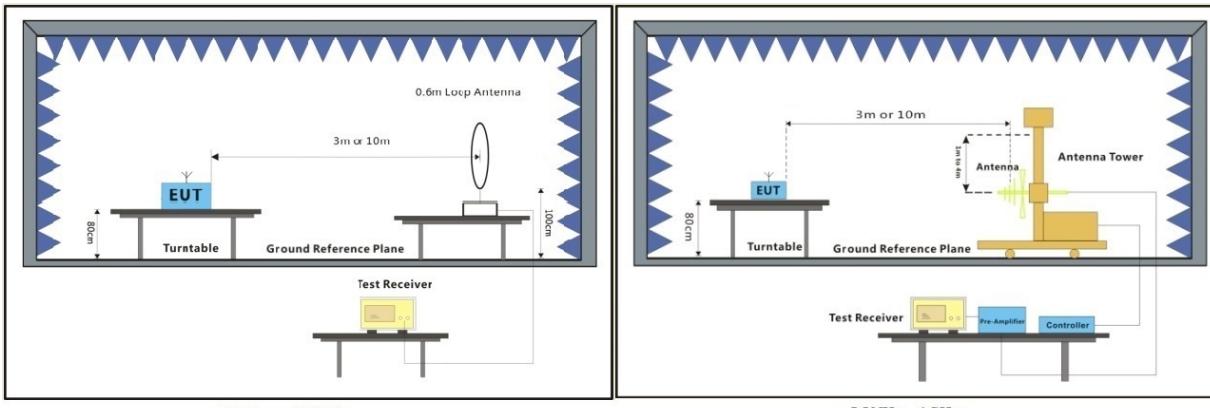
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		found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	27	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	28	TX mode (U-NII-7)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	29	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	30	TX mode (U-NII-8)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	31	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



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 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. 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.
- 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 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. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above 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.

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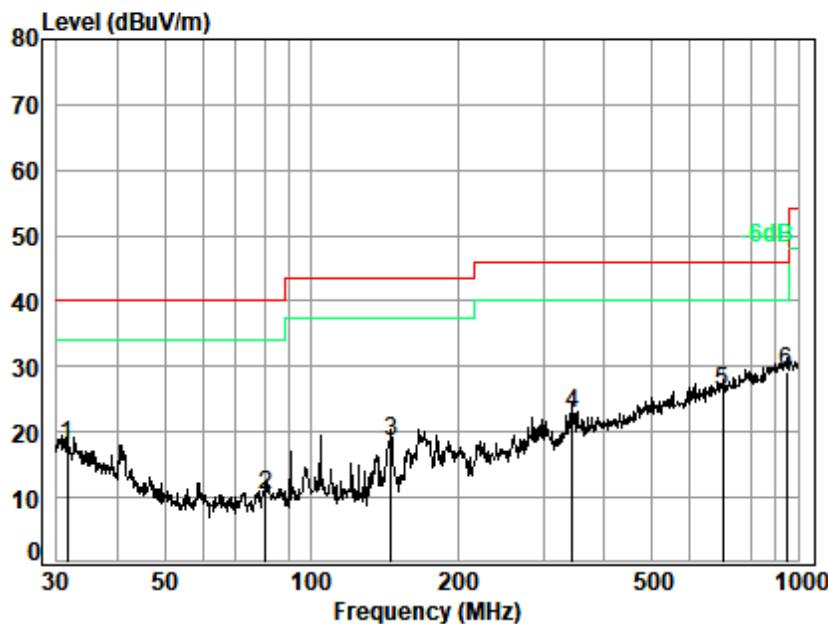


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Test Mode: 17; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 01803AT/01804AT

Test Mode: 17

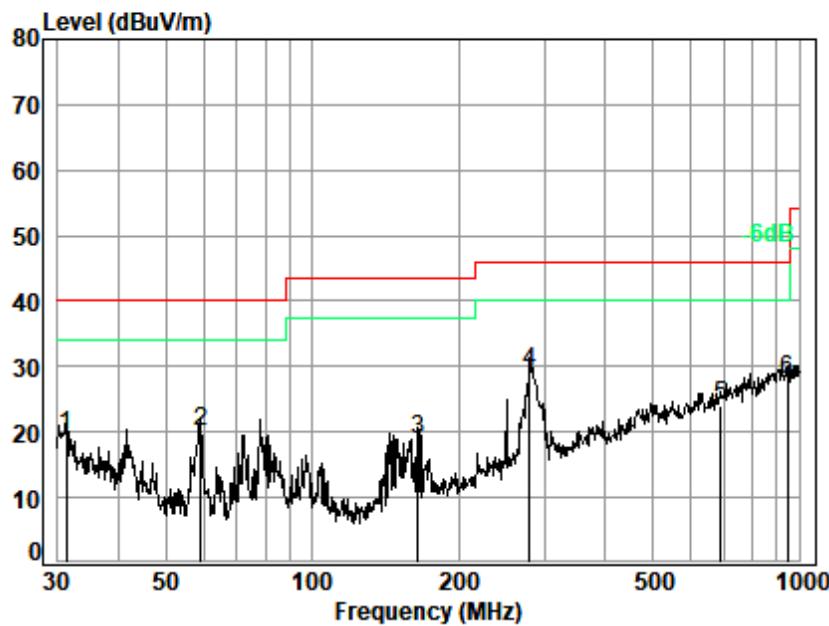
Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Limit		Over Limit	Remark	
					dB/m	dBuV	dBuV/m	dBuV/m	
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dBuV/m	dB	
1	31.510	20.50	0.69	27.79	24.42	17.82	40.00	-22.18	QP
2	80.644	10.50	1.09	27.65	26.50	10.44	40.00	-29.56	QP
3	145.861	12.53	1.51	27.40	31.85	18.49	43.50	-25.01	QP
4	344.386	19.47	2.38	26.93	27.76	22.68	46.00	-23.32	QP
5	699.305	25.93	3.54	27.73	24.32	26.06	46.00	-19.94	QP
6	q 945.440	28.26	4.24	26.44	23.29	29.35	46.00	-16.65	QP

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Test Mode: 17; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 01803AT/01804AT
Test Mode: 17

	Ant Freq	Cable Factor	Preamp Loss	Read Level	Limit Level	Line	Over Limit	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	31.180	20.65	0.68	27.79	25.91	19.45	40.00	-20.55 QP
2	59.025	11.59	0.94	27.71	35.15	19.97	40.00	-20.03 QP
3	164.908	13.21	1.61	27.32	31.30	18.80	43.50	-24.70 QP
4 q	280.024	16.91	2.13	26.83	37.05	29.26	46.00	-16.74 QP
5	691.987	25.74	3.52	27.74	22.59	24.11	46.00	-21.89 QP
6	948.761	28.23	4.25	26.42	21.99	28.05	46.00	-17.95 QP

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7.5 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2013) Section 6.6

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
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.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 52.0 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	16	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type

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		have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	18	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Final test	19	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Pre-scan	20	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	21	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	22	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.
Final test	23	Charge + TX mode (U-NII-3)_Keep the EUT in charging and 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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80). Only the data of worst case is recorded in the report.

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Pre-scan	24	TX mode (U-NII-5)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	25	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	26	TX mode (U-NII-6)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Final test	27	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160). Only the data of worst case is recorded in the report.
Pre-scan	28	TX mode (U-NII-7)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	29	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Pre-scan	30	TX mode (U-NII-8)_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 @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.
Final test	31	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(HT20/40/80/160/320). Only the data of worst case is recorded in the report.

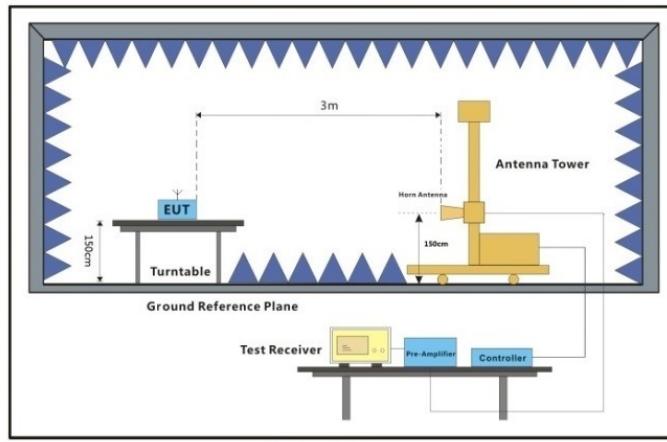
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7.5.3 Test Setup Diagram

Above 1GHz

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7.5.4 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.

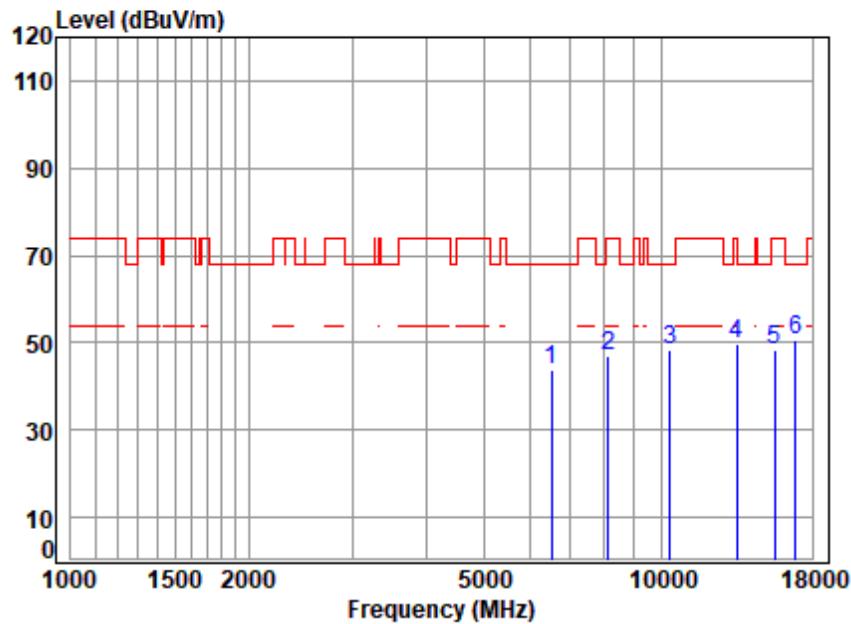
Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above 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 harmonics were the highest point could be found when testing, so only the above 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 $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5180 TX RSE

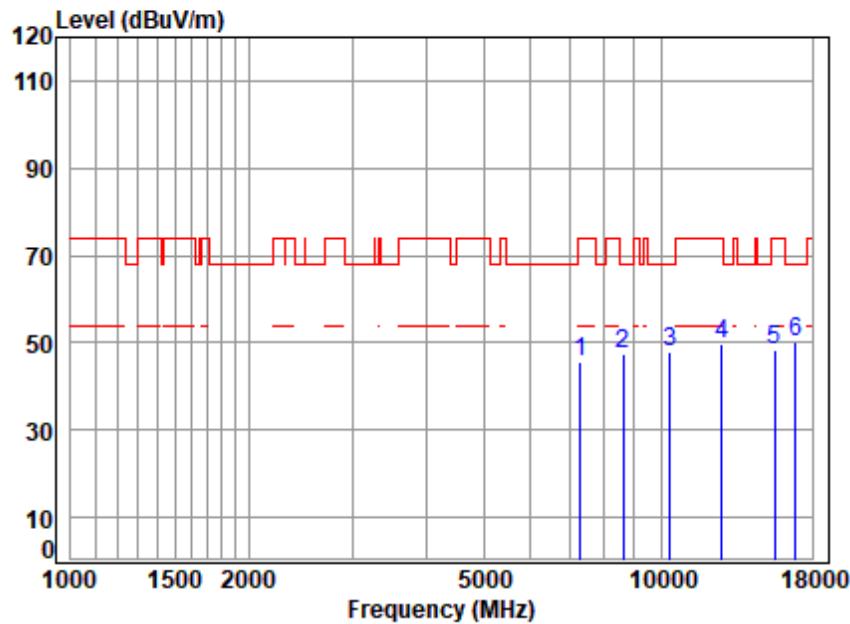
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6507.536	11.66	34.92	56.80	53.82	43.60	68.20 -24.60 Peak
2	8129.664	11.49	37.86	55.78	53.47	47.04	74.00 -26.96 Peak
3	10360.000	13.60	39.00	53.88	49.45	48.17	68.20 -20.03 peak
4	13404.010	15.91	40.29	54.46	48.12	49.86	68.20 -18.34 Peak
5	15540.000	17.00	38.56	54.14	47.08	48.50	74.00 -25.50 peak
6	pp16891.040	18.12	39.60	54.27	47.28	50.73	68.20 -17.47 peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11a

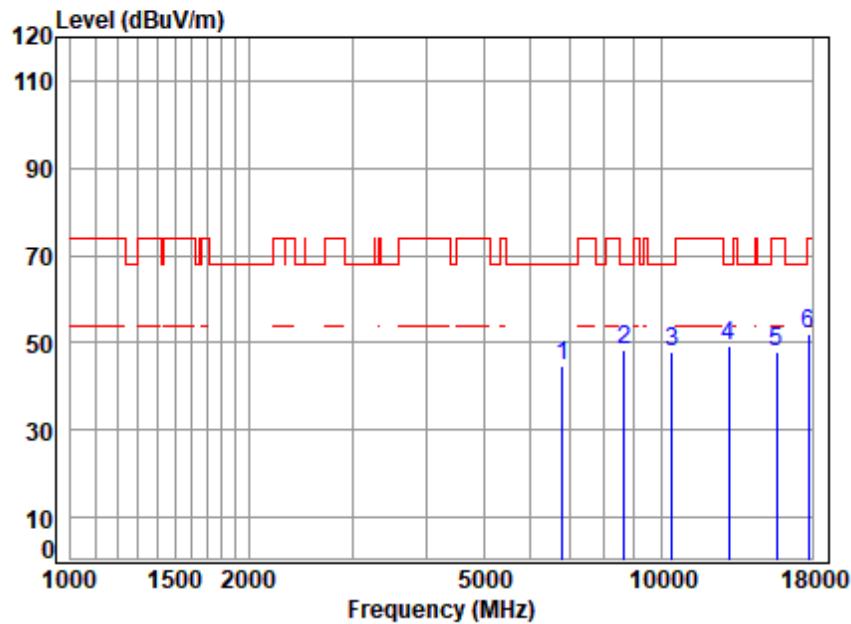
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7284.038	11.51	36.67	56.47	53.77	45.48	74.00 -28.52 peak
2	8613.468	11.98	38.47	55.35	52.52	47.62	68.20 -20.58 peak
3	10360.000	13.60	39.00	53.88	49.11	47.83	68.20 -20.37 peak
4	12651.130	15.23	40.15	54.26	48.75	49.87	74.00 -24.13 Peak
5	15540.000	17.00	38.56	54.14	47.17	48.59	74.00 -25.41 peak
6	pp16891.040	18.12	39.60	54.27	46.54	49.99	68.20 -18.21 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5220 TX RSE

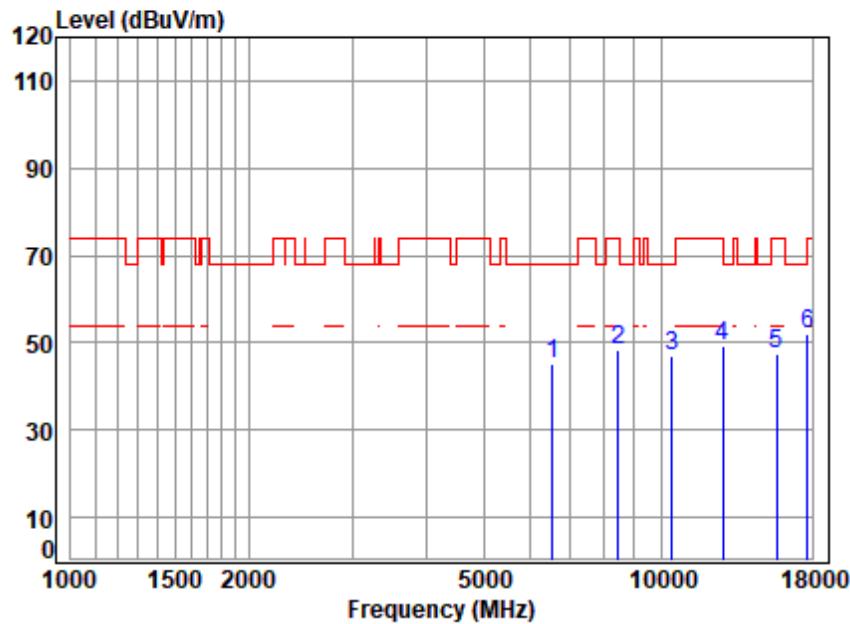
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6795.879	11.37	35.88	56.74	54.11	44.62	68.20 -23.58 peak
2	8663.404	12.04	38.45	55.30	53.14	48.33	68.20 -19.87 Peak
3	10440.000	13.63	39.04	53.84	49.05	47.88	68.20 -20.32 peak
4	pp12984.540	15.88	40.32	54.49	47.73	49.44	68.20 -18.76 peak
5	15660.000	17.23	38.56	54.10	46.18	47.87	74.00 -26.13 peak
6	17741.740	18.87	42.09	54.45	45.31	51.82	74.00 -22.18 peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5220 TX RSE

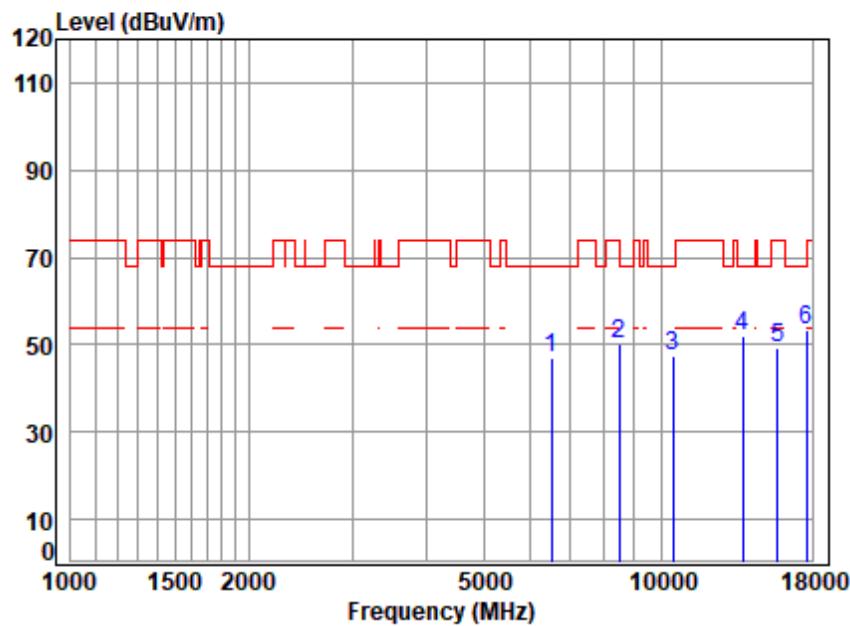
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6545.263	11.64	34.99	56.79	55.11	44.95	68.20 -23.25 peak
2	8440.945	11.91	38.44	55.50	53.38	48.23	74.00 -25.77 Peak
3	10440.000	13.63	39.04	53.84	48.36	47.19	68.20 -21.01 peak
4	12687.750	15.49	40.19	54.28	47.74	49.14	74.00 -24.86 peak
5	15660.000	17.23	38.56	54.10	45.64	47.33	74.00 -26.67 peak
6	pp17690.530	19.16	41.66	54.44	45.51	51.89	68.20 -16.31 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6507.536	11.66	34.92	56.80	57.03	46.81	68.20 -21.39 peak
2	8489.882	12.24	38.32	55.46	55.19	50.29	74.00 -23.71 Peak
3	10480.000	13.64	39.08	53.81	48.59	47.50	68.20 -20.70 peak
4	13717.560	16.33	39.98	54.43	50.29	52.17	68.20 -16.03 peak
5	15720.000	17.22	38.58	54.08	47.48	49.20	74.00 -24.80 peak
6	pp17639.470	19.52	40.89	54.43	47.39	53.37	68.20 -14.83 peak

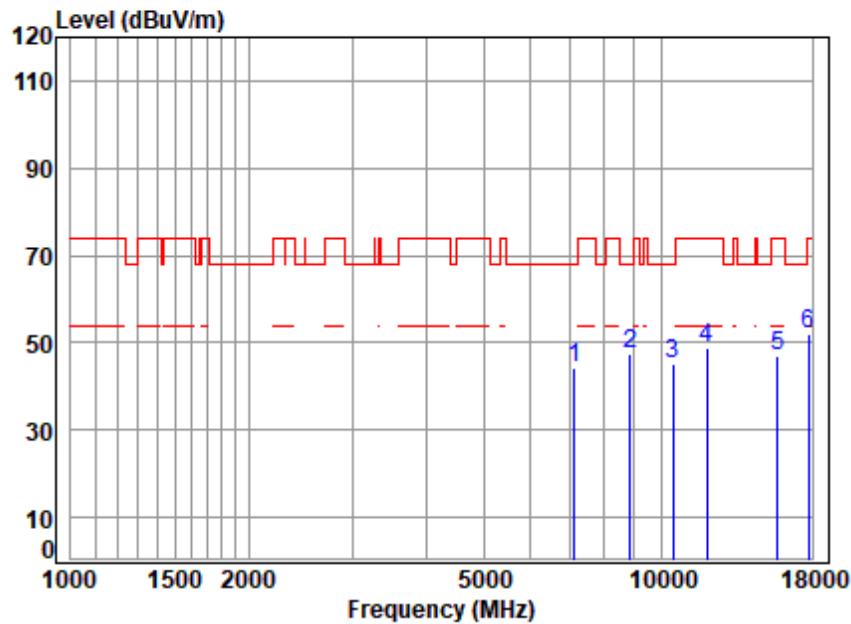
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Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5240 TX RSE

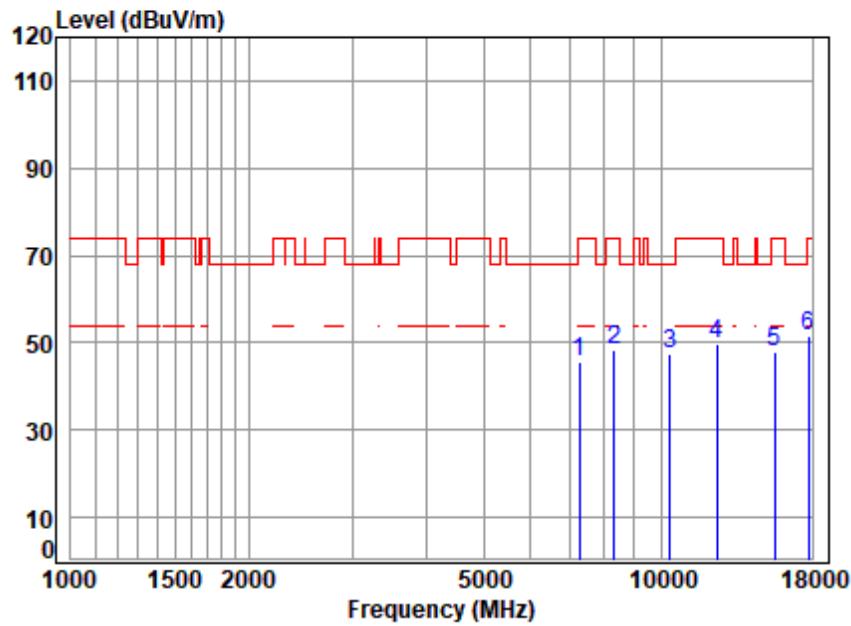
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7117.542	11.91	36.44	56.61	52.73	44.47	68.20 -23.73 Peak
2 pp	8866.062	12.23	38.53	55.12	51.60	47.24	68.20 -20.96 Peak
3	10480.000	13.64	39.08	53.81	46.42	45.33	68.20 -22.87 peak
4	11940.540	14.77	39.74	53.78	48.26	48.99	74.00 -25.01 peak
5	15720.000	17.22	38.58	54.08	45.26	46.98	74.00 -27.02 peak
6	17741.740	18.87	42.09	54.45	45.48	51.99	74.00 -22.01 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5180 TX RSE
: 5G Wi-Fi 11ax20

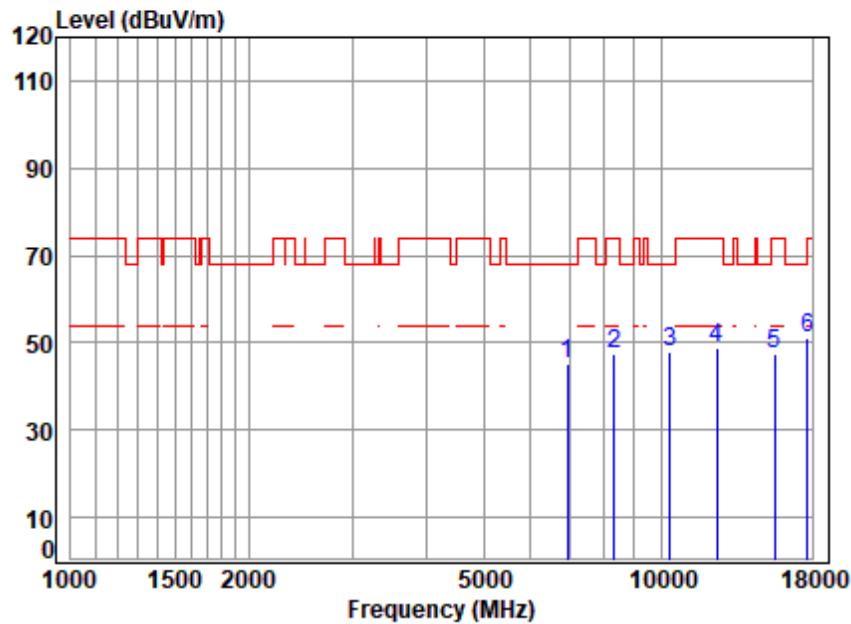
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7263.015	11.51	36.63	56.49	53.83	45.48	74.00 -28.52 Peak
2	8319.836	11.73	38.22	55.61	53.91	48.25	74.00 -25.75 Peak
3	pp10360.000	13.60	39.00	53.88	48.89	47.61	68.20 -20.59 peak
4	12433.620	15.38	39.90	54.10	48.49	49.67	74.00 -24.33 Peak
5	15540.000	17.00	38.56	54.14	46.39	47.81	74.00 -26.19 peak
6	17741.740	18.87	42.09	54.45	45.01	51.52	74.00 -22.48 Peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

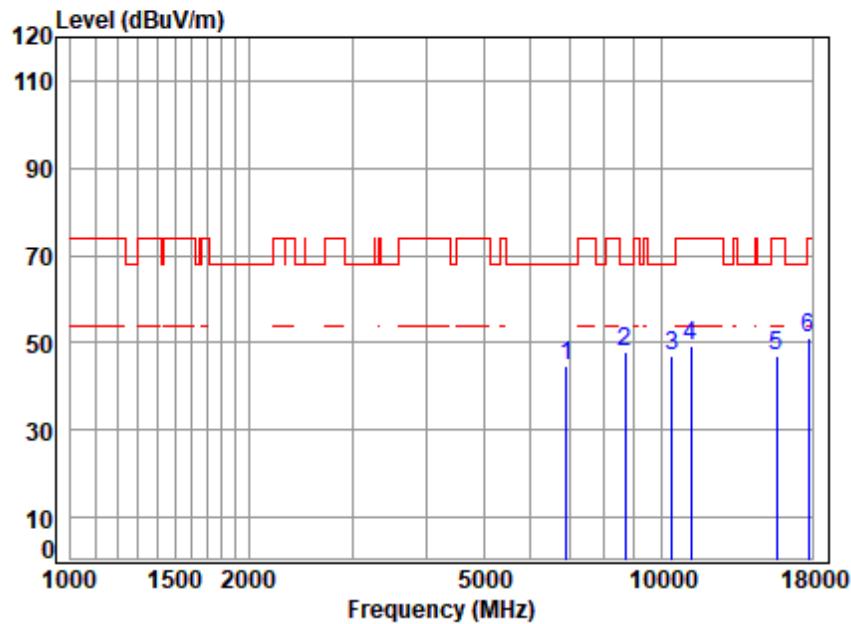
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6934.778	11.37	36.13	56.71	54.31	45.10	68.20 -23.10 Peak
2	8319.836	11.73	38.22	55.61	52.91	47.25	74.00 -26.75 Peak
3	10360.000	13.60	39.00	53.88	49.11	47.83	68.20 -20.37 peak
4	12433.620	15.38	39.90	54.10	47.83	49.01	74.00 -24.99 Peak
5	15540.000	17.00	38.56	54.14	45.84	47.26	74.00 -26.74 peak
6	pp17690.530	19.16	41.66	54.44	44.95	51.33	68.20 -16.87 Peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	6894.806	11.37	36.18	56.72	53.89	44.72	68.20	-23.48 peak
2 pp	8688.480	12.08	38.55	55.28	52.48	47.83	68.20	-20.37 Peak
3	10440.000	13.63	39.04	53.84	48.12	46.95	68.20	-21.25 peak
4	11204.900	14.75	39.60	53.56	48.49	49.28	74.00	-24.72 peak
5	15660.000	17.23	38.56	54.10	45.45	47.14	74.00	-26.86 peak
6	17741.740	18.87	42.09	54.45	44.43	50.94	74.00	-23.06 peak

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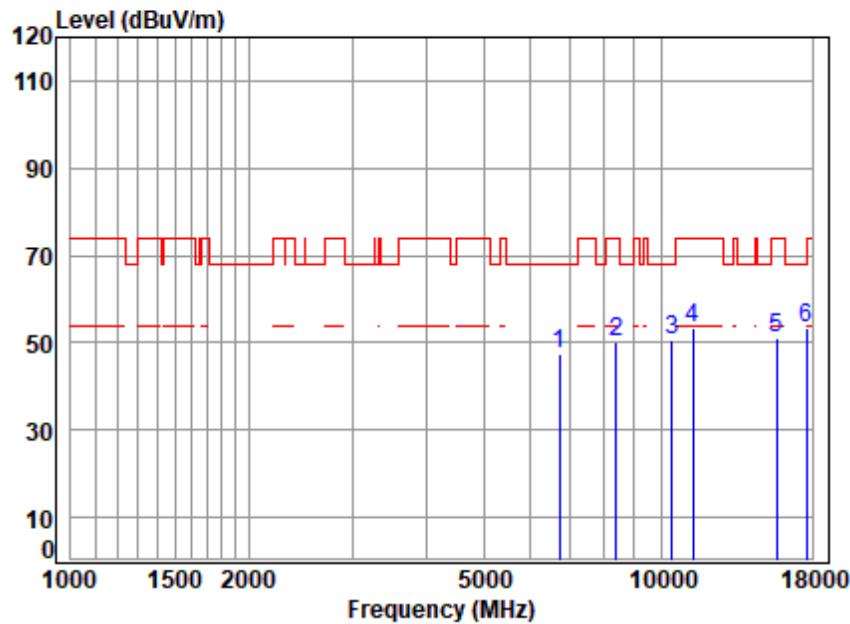
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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

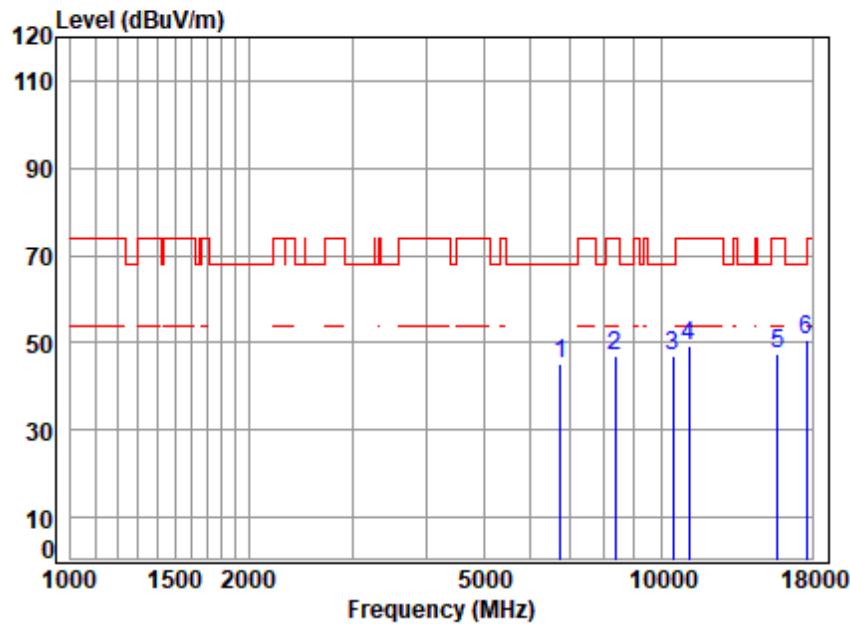
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6717.762	11.40	35.51	56.76	57.29	47.44	68.20 -20.76 peak
2	8392.292	11.64	38.62	55.55	55.35	50.06	74.00 -23.94 Peak
3	10440.000	13.63	39.04	53.84	51.92	50.75	68.20 -17.45 peak
4	11302.480	14.63	39.70	53.59	52.43	53.17	74.00 -20.83 peak
5	15660.000	17.23	38.56	54.10	49.39	51.08	74.00 -22.92 peak
6	pp17588.560	19.64	40.37	54.42	47.83	53.42	68.20 -14.78 peak

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

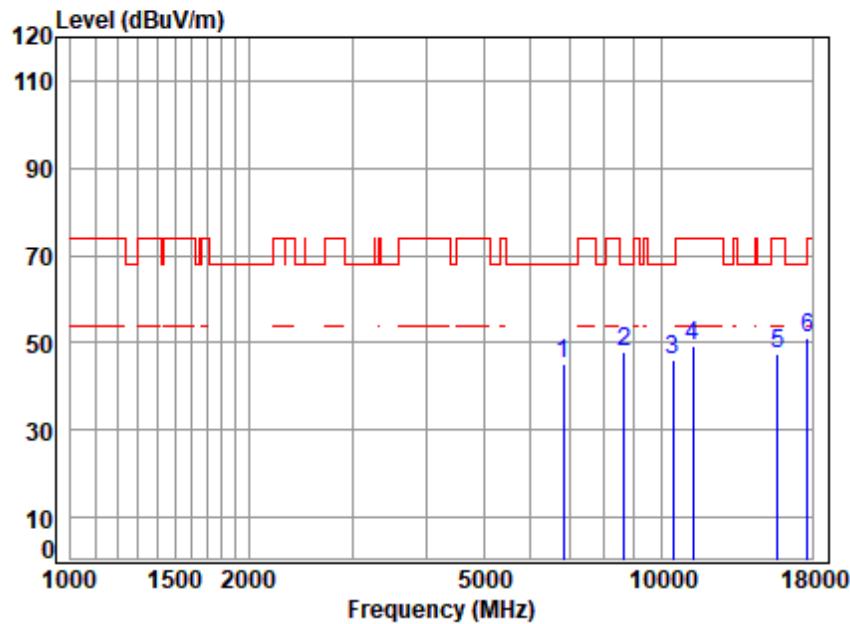
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6756.708	11.39	35.73	56.75	54.94	45.31	68.20	-22.89 peak
2	8343.918	11.70	38.60	55.59	52.41	47.12	74.00	-26.88 Peak
3	10480.000	13.64	39.08	53.81	47.95	46.86	68.20	-21.34 peak
4	11140.310	14.70	39.54	53.54	48.55	49.25	74.00	-24.75 peak
5	15720.000	17.22	38.58	54.08	45.53	47.25	74.00	-26.75 peak
6	pp17639.470	19.52	40.89	54.43	44.75	50.73	68.20	-17.47 peak

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

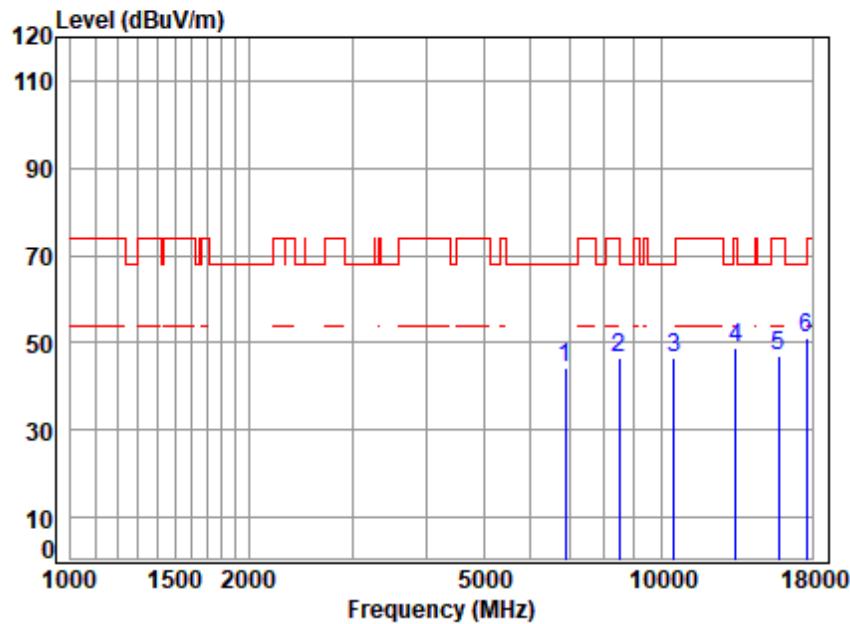
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6835.278	11.37	35.97	56.73	54.59	45.20	68.20 -23.00 peak
2	8663.404	12.04	38.45	55.30	52.66	47.85	68.20 -20.35 Peak
3	10480.000	13.64	39.08	53.81	47.40	46.31	68.20 -21.89 peak
4	11302.480	14.63	39.70	53.59	48.72	49.46	74.00 -24.54 peak
5	15720.000	17.22	38.58	54.08	45.76	47.48	74.00 -26.52 peak
6	pp17690.530	19.16	41.66	54.44	44.63	51.01	68.20 -17.19 peak

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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 19; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11a

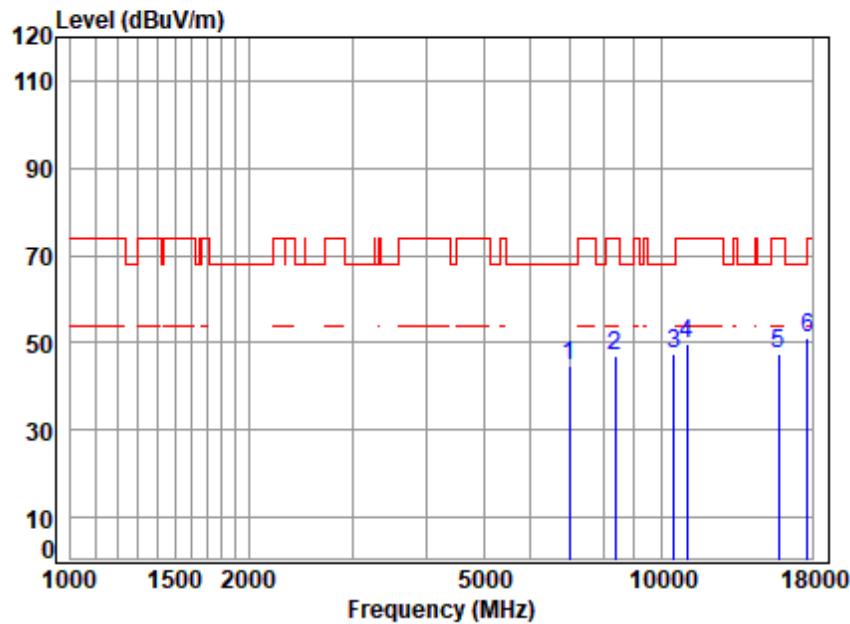
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6874.906	11.37	36.10	56.73	53.45	44.19	68.20 -24.01 peak
2	8489.882	12.24	38.32	55.46	51.65	46.75	74.00 -27.25 Peak
3	10520.000	13.63	39.14	53.79	47.43	46.41	68.20 -21.79 peak
4	13365.320	16.13	40.30	54.46	46.77	48.74	74.00 -25.26 peak
5	15780.000	17.08	38.52	54.07	45.59	47.12	74.00 -26.88 peak
6	pp17639.470	19.52	40.89	54.43	45.25	51.23	68.20 -16.97 peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5260 TX RSE

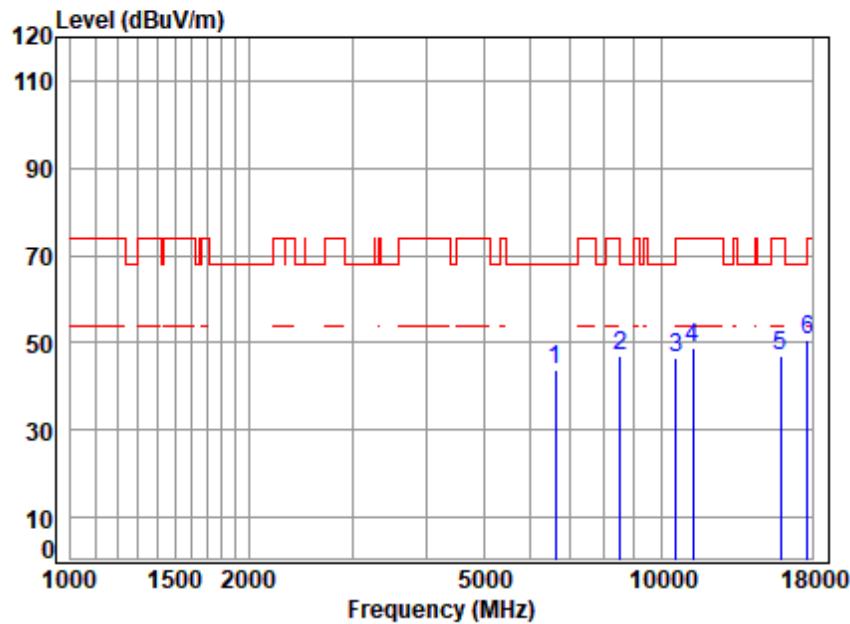
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	53.84	44.65	68.20 -23.55 peak
2	8343.918	11.70	38.60	55.59	52.43	47.14	74.00 -26.86 Peak
3	10520.000	13.63	39.14	53.79	48.58	47.56	68.20 -20.64 peak
4	11044.130	14.39	39.44	53.51	49.26	49.58	74.00 -24.42 peak
5	15780.000	17.08	38.52	54.07	45.80	47.33	74.00 -26.67 peak
6	pp17690.530	19.16	41.66	54.44	44.94	51.32	68.20 -16.88 peak



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Test Mode: 19; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11a

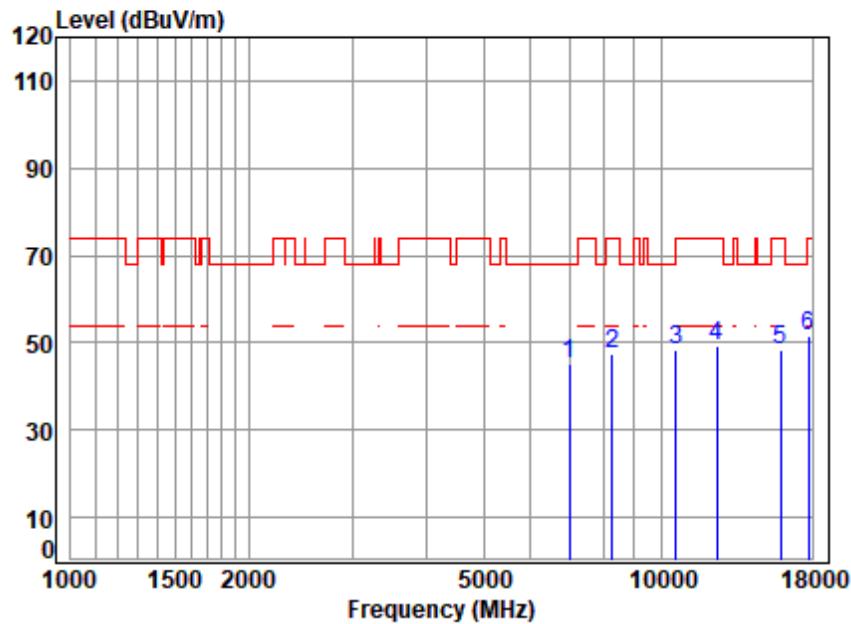
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6621.375	11.56	35.33	56.78	53.65	43.76	68.20 -24.44 peak
2	8514.456	12.26	38.30	55.44	51.80	46.92	68.20 -21.28 Peak
3	10600.000	13.59	39.30	53.74	47.46	46.61	68.20 -21.59 peak
4	11302.480	14.63	39.70	53.59	48.17	48.91	74.00 -25.09 peak
5	15900.000	17.28	38.70	54.03	45.08	47.03	74.00 -26.97 peak
6	pp17690.530	19.16	41.66	54.44	44.34	50.72	68.20 -17.48 peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5300 TX RSE

: 5G Wi-Fi 11a

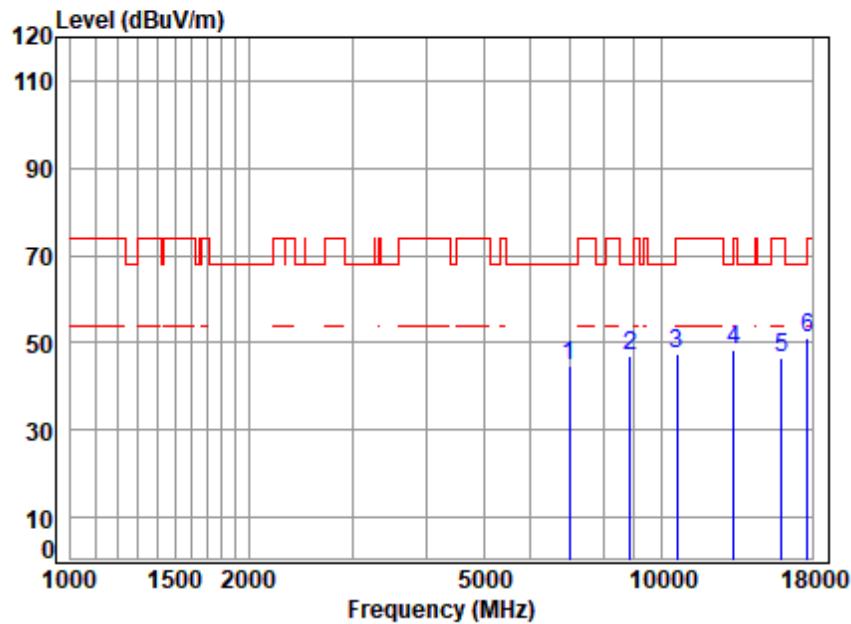
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	54.22	45.03	68.20 -23.17 peak
2	8248.005	11.66	37.81	55.68	53.80	47.59	74.00 -26.41 Peak
3	pp10600.000	13.59	39.30	53.74	49.42	48.57	68.20 -19.63 peak
4	12433.620	15.38	39.90	54.10	48.05	49.23	74.00 -24.77 peak
5	15900.000	17.28	38.70	54.03	46.36	48.31	74.00 -25.69 peak
6	17741.740	18.87	42.09	54.45	45.15	51.66	74.00 -22.34 peak

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6995.172	11.37	36.19	56.70	54.04	44.90	68.20 -23.30 peak
2	8840.473	12.24	38.50	55.14	51.60	47.20	68.20 -21.00 Peak
3	10640.000	13.77	39.34	53.72	48.19	47.58	74.00 -26.42 peak
4	13288.280	16.44	40.29	54.47	46.02	48.28	74.00 -25.72 Peak
5	15960.000	17.20	38.64	54.01	44.94	46.77	74.00 -27.23 peak
6	pp17690.530	19.16	41.66	54.44	44.73	51.11	68.20 -17.09 peak

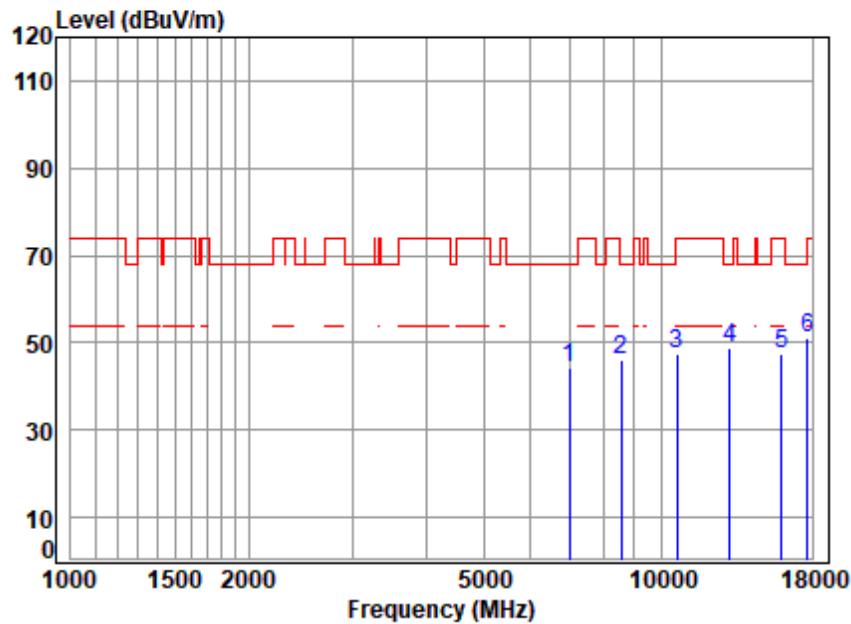
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Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 19; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5320 TX RSE

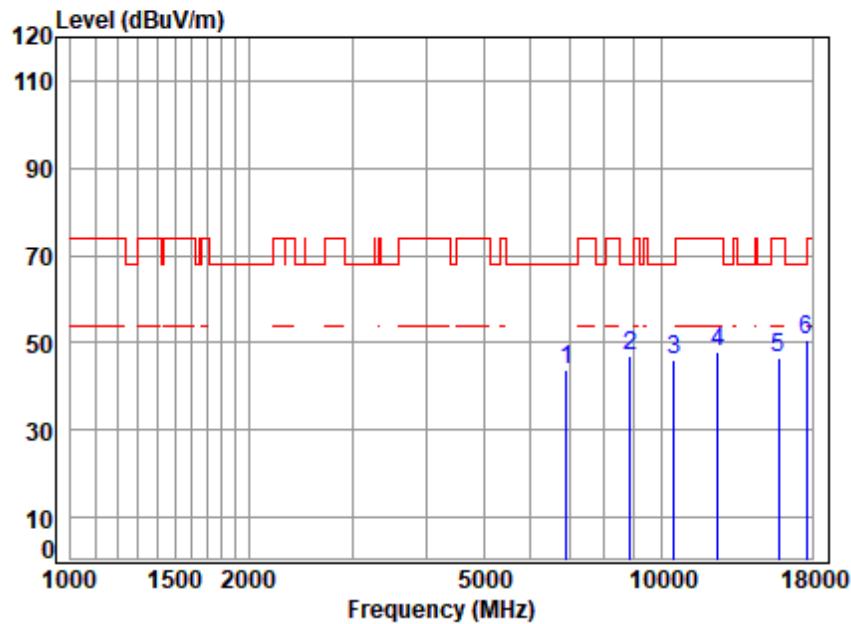
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6995.172	11.37	36.19	56.70	53.56	44.42	68.20 -23.78 peak
2	8539.102	12.17	38.30	55.41	50.80	45.86	68.20 -22.34 Peak
3	10640.000	13.77	39.34	53.72	48.24	47.63	74.00 -26.37 peak
4	13059.820	15.70	40.30	54.49	47.23	48.74	68.20 -19.46 peak
5	15960.000	17.20	38.64	54.01	45.72	47.55	74.00 -26.45 peak
6	pp17690.530	19.16	41.66	54.44	44.50	50.88	68.20 -17.32 peak

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20

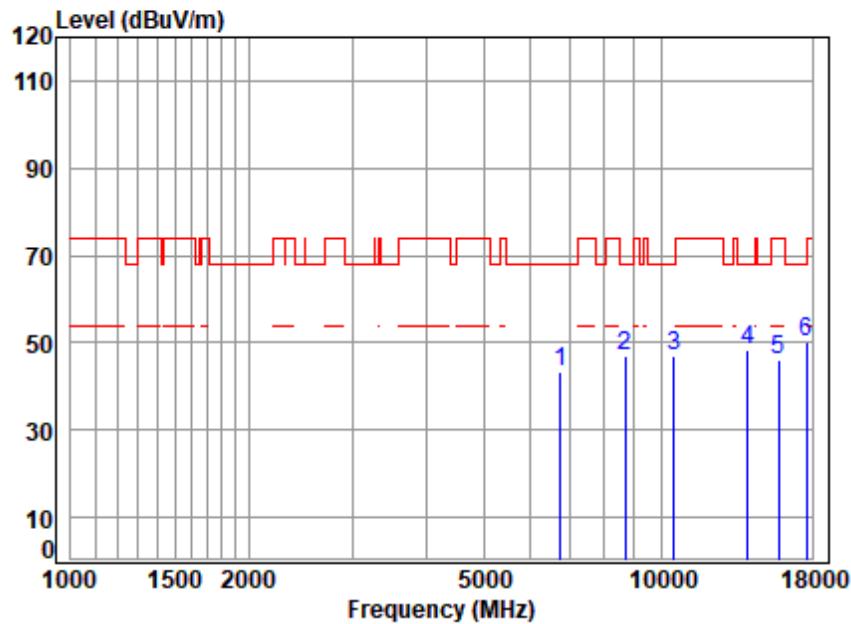
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6914.763	11.37	36.17	56.72	52.94	43.76	68.20	-24.44 peak
2	8866.062	12.23	38.53	55.12	51.27	46.91	68.20	-21.29 Peak
3	10520.000	13.63	39.14	53.79	47.16	46.14	68.20	-22.06 peak
4	12469.610	15.43	39.90	54.13	46.88	48.08	74.00	-25.92 peak
5	15780.000	17.08	38.52	54.07	45.17	46.70	74.00	-27.30 peak
6	pp17639.470	19.52	40.89	54.43	44.74	50.72	68.20	-17.48 peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5260 TX RSE

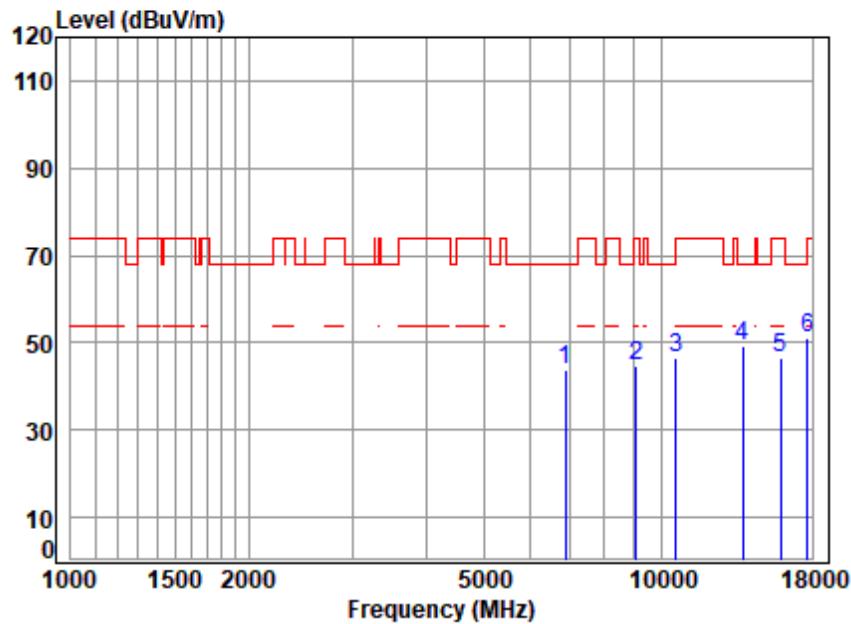
: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6756.708	11.39	35.73	56.75	53.06	43.43	68.20 -24.77 peak
2	8688.480	12.08	38.55	55.28	51.56	46.91	68.20 -21.29 Peak
3	10520.000	13.63	39.14	53.79	47.97	46.95	68.20 -21.25 peak
4	13997.930	16.46	39.90	54.40	46.59	48.55	68.20 -19.65 peak
5	15780.000	17.08	38.52	54.07	44.59	46.12	74.00 -27.88 peak
6	pp17639.470	19.52	40.89	54.43	44.31	50.29	68.20 -17.91 peak

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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

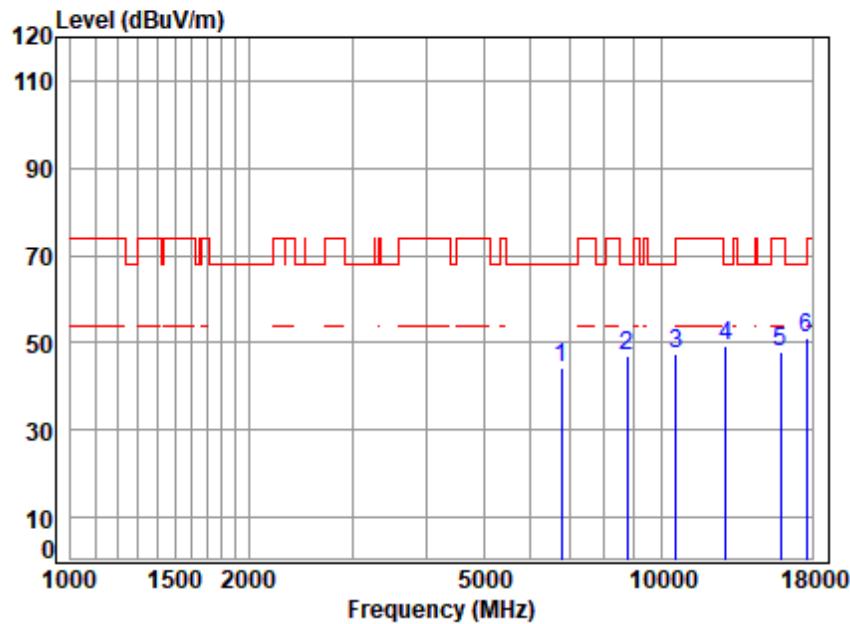
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	6874.906	11.37	36.10	56.73	53.19	43.93	68.20	-24.27 peak
2	9073.460	12.13	38.60	54.93	48.84	44.64	74.00	-29.36 Peak
3	10600.000	13.59	39.30	53.74	47.59	46.74	68.20	-21.46 peak
4	13717.560	16.33	39.98	54.43	47.20	49.08	68.20	-19.12 peak
5	15900.000	17.28	38.70	54.03	44.74	46.69	74.00	-27.31 peak
6	pp17690.530	19.16	41.66	54.44	44.69	51.07	68.20	-17.13 peak

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Test Mode: 19; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6776.265	11.38	35.81	56.74	53.95	44.40	68.20 -23.80 peak
2	8738.852	12.15	38.52	55.24	51.53	46.96	68.20 -21.24 Peak
3	10600.000	13.59	39.30	53.74	48.17	47.32	68.20 -20.88 peak
4	12872.440	15.70	40.37	54.41	47.60	49.26	68.20 -18.94 peak
5	15900.000	17.28	38.70	54.03	46.09	48.04	74.00 -25.96 peak
6	pp17639.470	19.52	40.89	54.43	44.97	50.95	68.20 -17.25 peak

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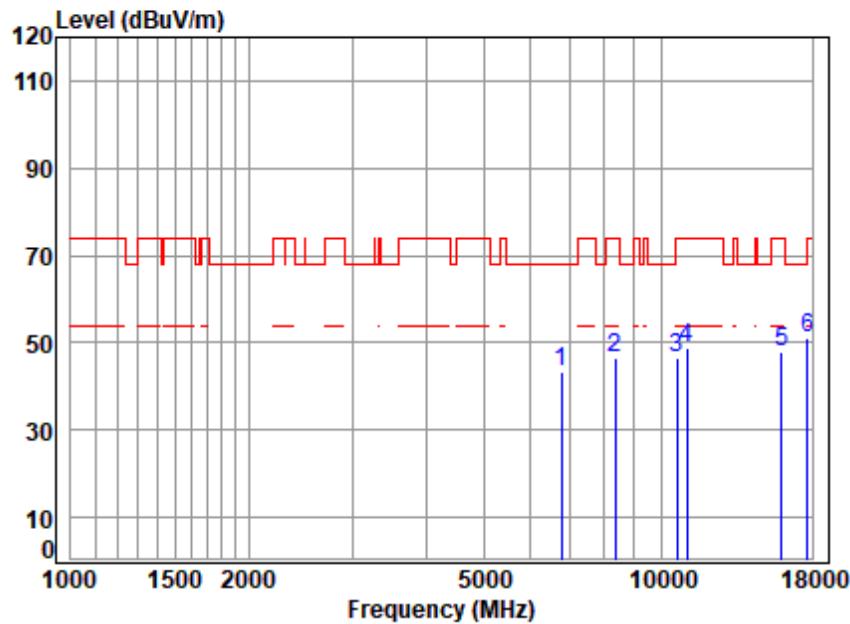
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Test Mode: 19; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6776.265	11.38	35.81	56.74	53.02	43.47	68.20	-24.73 peak
2	8343.918	11.70	38.60	55.59	51.96	46.67	74.00	-27.33 Peak
3	10640.000	13.77	39.34	53.72	47.28	46.67	74.00	-27.33 peak
4	11044.130	14.39	39.44	53.51	48.68	49.00	74.00	-25.00 peak
5	15960.000	17.20	38.64	54.01	45.94	47.77	74.00	-26.23 peak
6	pp17690.530	19.16	41.66	54.44	44.63	51.01	68.20	-17.19 peak

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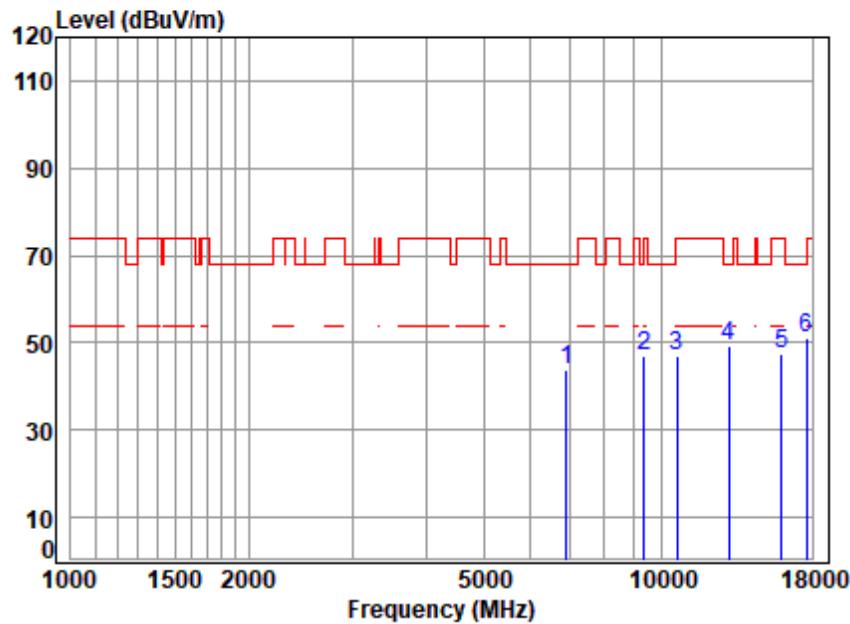
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Test Mode: 19; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5320 TX RSE

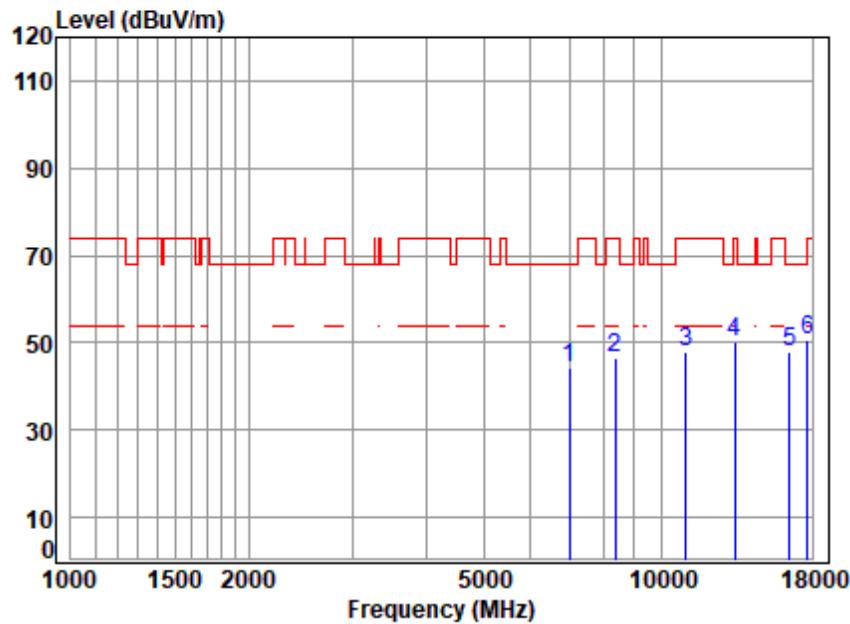
: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6914.763	11.37	36.17	56.72	53.00	43.82	68.20	-24.38 peak
2	9339.543	12.22	38.80	54.69	50.53	46.86	74.00	-27.14 Peak
3	10640.000	13.77	39.34	53.72	47.43	46.82	74.00	-27.18 peak
4	12984.540	15.88	40.32	54.49	47.66	49.37	68.20	-18.83 peak
5	15960.000	17.20	38.64	54.01	45.83	47.66	74.00	-26.34 peak
6	pp17639.470	19.52	40.89	54.43	45.07	51.05	68.20	-17.15 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11a

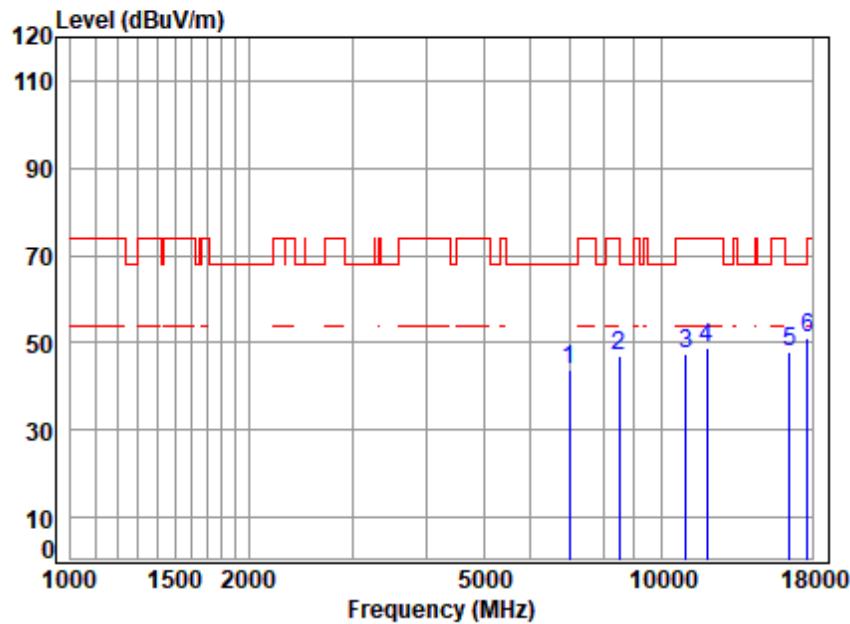
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	53.28	44.09	68.20 -24.11 peak
2	8343.918	11.70	38.60	55.59	51.87	46.58	74.00 -27.42 Peak
3	11000.000	14.17	39.40	53.50	47.86	47.93	74.00 -26.07 peak
4	13326.750	16.37	40.30	54.47	48.00	50.20	74.00 -23.80 Peak
5	16500.000	17.74	38.90	54.15	45.56	48.05	68.20 -20.15 peak
6	pp17690.530	19.16	41.66	54.44	44.08	50.46	68.20 -17.74 peak



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Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 TX RSE

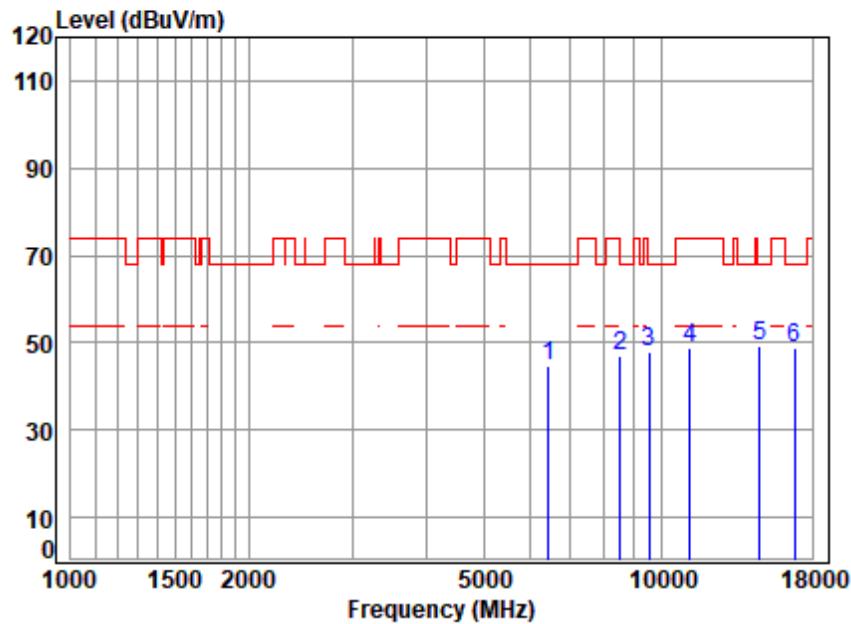
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	53.21	44.02	68.20 -24.18 peak
2	8489.882	12.24	38.32	55.46	51.88	46.98	74.00 -27.02 Peak
3	11000.000	14.17	39.40	53.50	47.19	47.26	74.00 -26.74 peak
4	11940.540	14.77	39.74	53.78	48.14	48.87	74.00 -25.13 peak
5	16500.000	17.74	38.90	54.15	45.27	47.76	68.20 -20.44 peak
6	pp17690.530	19.16	41.66	54.44	44.57	50.95	68.20 -17.25 peak



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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5600 TX RSE
: 5G Wi-Fi 11a

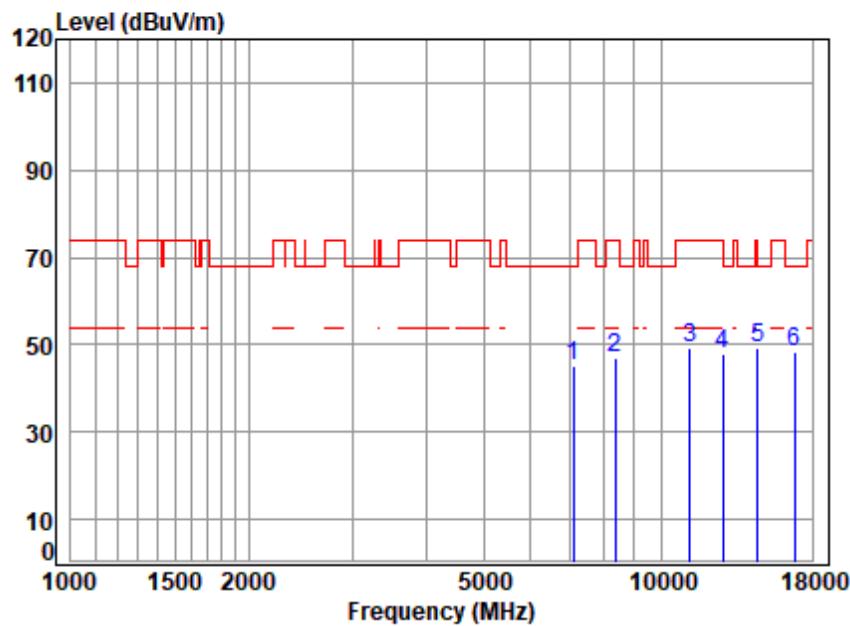
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6451.353	12.48	34.80	56.81	54.15	44.62	68.20 -23.58 Peak
2	8514.456	12.26	38.30	55.44	51.81	46.93	68.20 -21.27 peak
3	9530.432	12.52	38.84	54.52	51.01	47.85	68.20 -20.35 Peak
4	11200.000	14.76	39.60	53.56	48.07	48.87	74.00 -25.13 peak
5	pp14660.480	16.37	39.24	54.33	48.04	49.32	68.20 -18.88 Peak
6	16800.000	17.46	39.60	54.24	45.79	48.61	68.20 -19.59 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

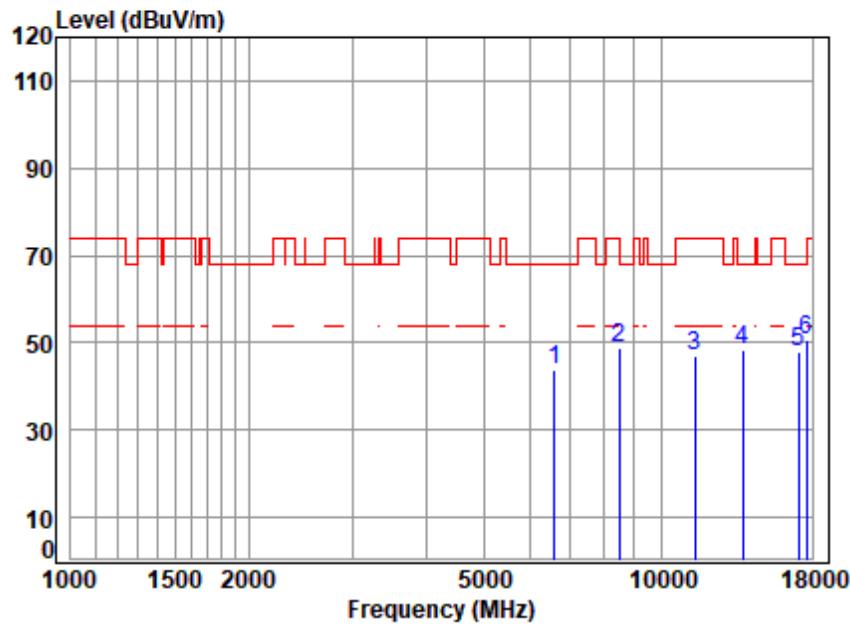
Mode : 5600 TX RSE

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7096.999	11.97	36.39	56.62	53.40	45.14	68.20 -23.06 Peak
2	8368.069	11.67	38.66	55.57	52.01	46.77	74.00 -27.23 peak
3	11200.000	14.76	39.60	53.56	48.29	49.09	74.00 -24.91 peak
4	12687.750	15.49	40.19	54.28	46.67	48.07	74.00 -25.93 Peak
5	pp14533.910	16.79	39.43	54.35	47.39	49.26	68.20 -18.94 Peak
6	16800.000	17.46	39.60	54.24	45.62	48.44	68.20 -19.76 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6602.265	11.60	35.21	56.78	53.78	43.81	68.20 -24.39 peak
2	8489.882	12.24	38.32	55.46	53.69	48.79	74.00 -25.21 Peak
3	11400.000	14.21	39.70	53.62	46.86	47.15	74.00 -26.85 peak
4	13757.270	16.15	39.94	54.42	46.81	48.48	68.20 -19.72 peak
5	17100.000	18.47	39.80	54.32	44.17	48.12	68.20 -20.08 peak
6	pp17639.470	19.52	40.89	54.43	44.89	50.87	68.20 -17.33 peak

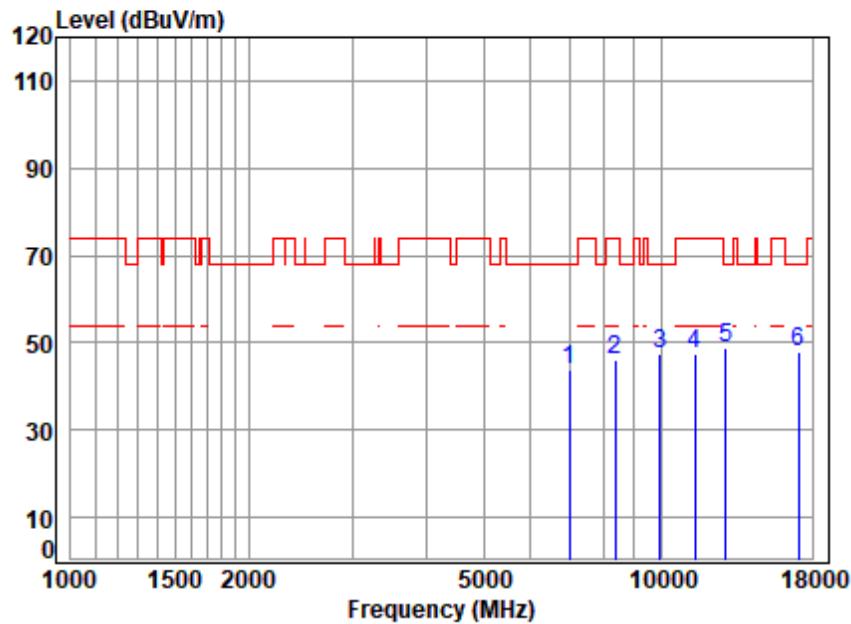
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11a

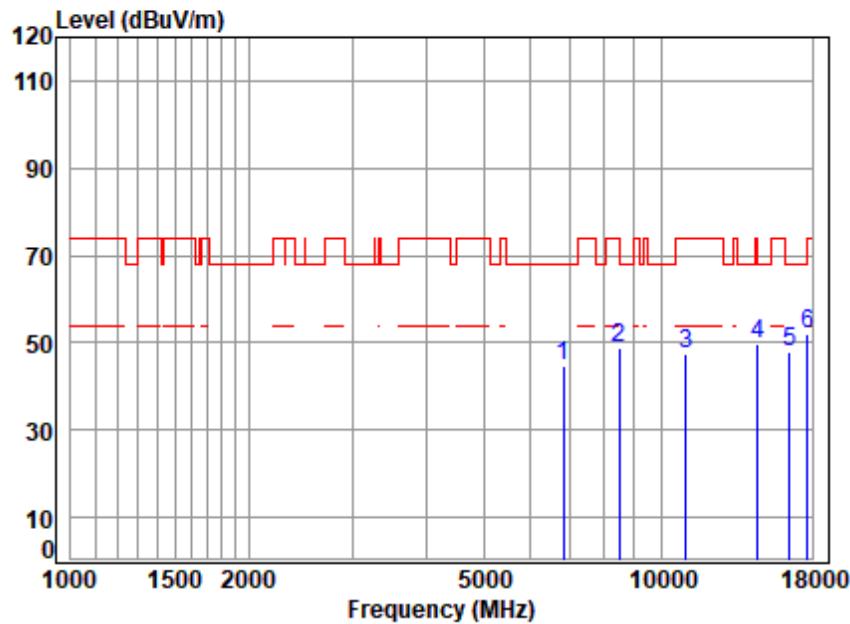
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	53.06	43.87	68.20	-24.33 peak
2	8343.918	11.70	38.60	55.59	51.33	46.04	74.00	-27.96 Peak
3	9952.717	12.91	38.90	54.14	49.78	47.45	68.20	-20.75 Peak
4	11400.000	14.21	39.70	53.62	47.27	47.56	74.00	-26.44 peak
5	pp12872.440	15.70	40.37	54.41	47.19	48.85	68.20	-19.35 peak
6	17100.000	18.47	39.80	54.32	43.79	47.74	68.20	-20.46 peak

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

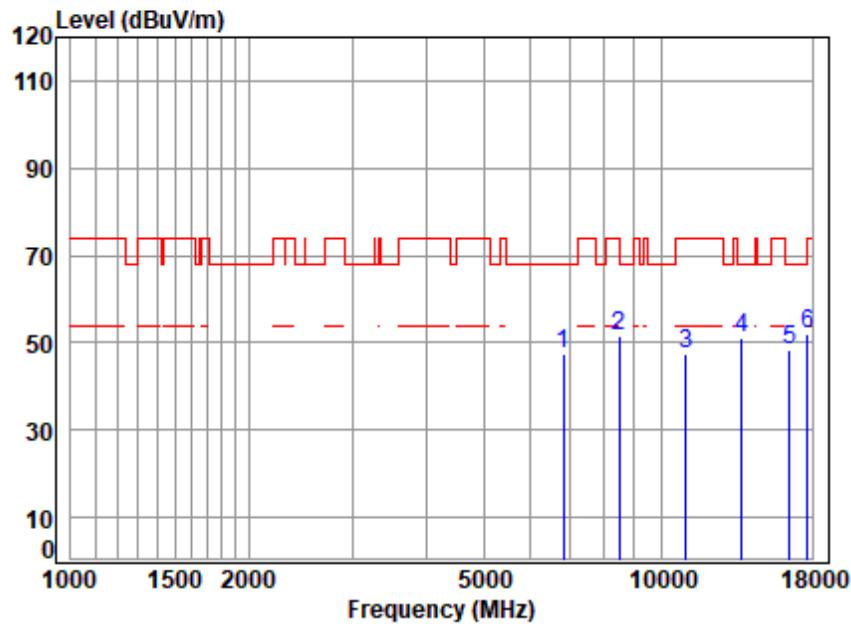
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6835.278	11.37	35.97	56.73	53.92	44.53	68.20	-23.67 peak
2	8489.882	12.24	38.32	55.46	53.69	48.79	74.00	-25.21 Peak
3	11000.000	14.17	39.40	53.50	47.42	47.49	74.00	-26.51 peak
4	14533.910	16.79	39.43	54.35	47.68	49.55	68.20	-18.65 Peak
5	16500.000	17.74	38.90	54.15	45.44	47.93	68.20	-20.27 peak
6	pp17690.530	19.16	41.66	54.44	45.85	52.23	68.20	-15.97 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

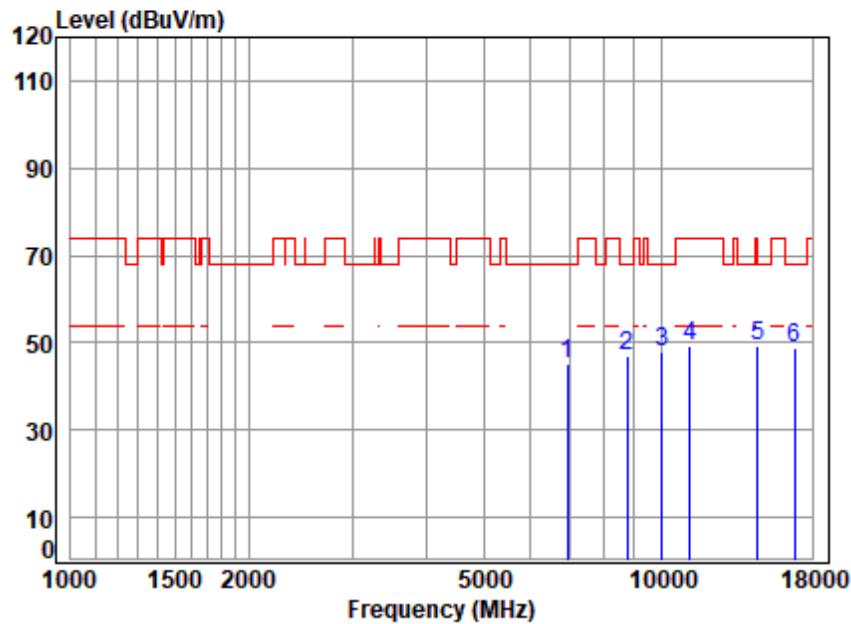
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6815.551	11.37	35.93	56.74	57.09	47.65	68.20	-20.55 peak
2	8489.882	12.24	38.32	55.46	56.69	51.79	74.00	-22.21 Peak
3	11000.000	14.17	39.40	53.50	47.42	47.49	74.00	-26.51 peak
4	13677.970	16.27	40.00	54.43	49.44	51.28	68.20	-16.92 Peak
5	16500.000	17.74	38.90	54.15	45.83	48.32	68.20	-19.88 peak
6	pp17690.530	19.16	41.66	54.44	45.85	52.23	68.20	-15.97 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5600 TX RSE
: 5G Wi-Fi 11ax20

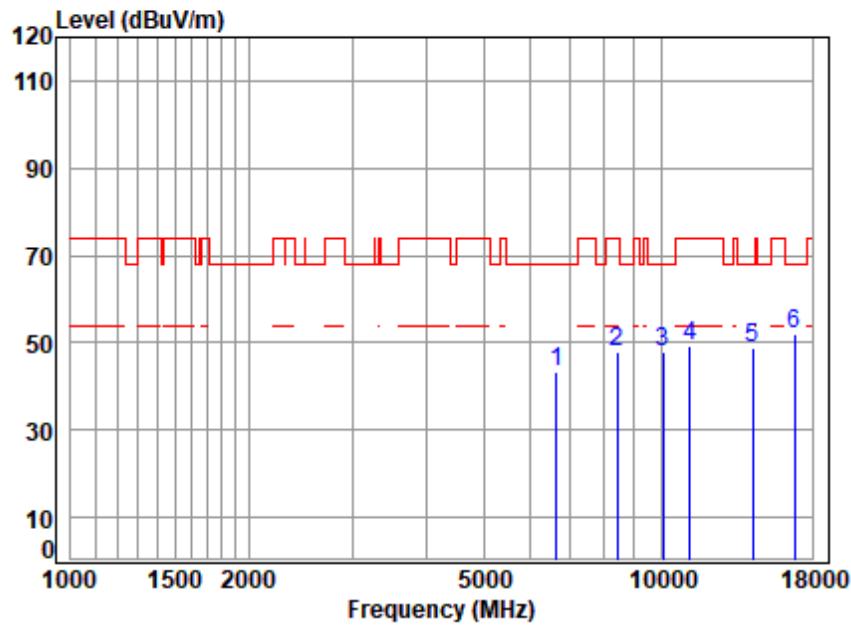
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	6934.778	11.37	36.13	56.71	54.21	45.00	68.20	-23.20 Peak
2	8764.146	12.19	38.50	55.21	51.70	47.18	68.20	-21.02 peak
3	10010.420	13.04	38.92	54.09	50.05	47.92	68.20	-20.28 Peak
4	11200.000	14.76	39.60	53.56	48.59	49.39	74.00	-24.61 peak
5	pp14533.910	16.79	39.43	54.35	47.34	49.21	68.20	-18.99 Peak
6	16800.000	17.46	39.60	54.24	45.85	48.67	68.20	-19.53 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5600 TX RSE

: 5G Wi-Fi 11ax20

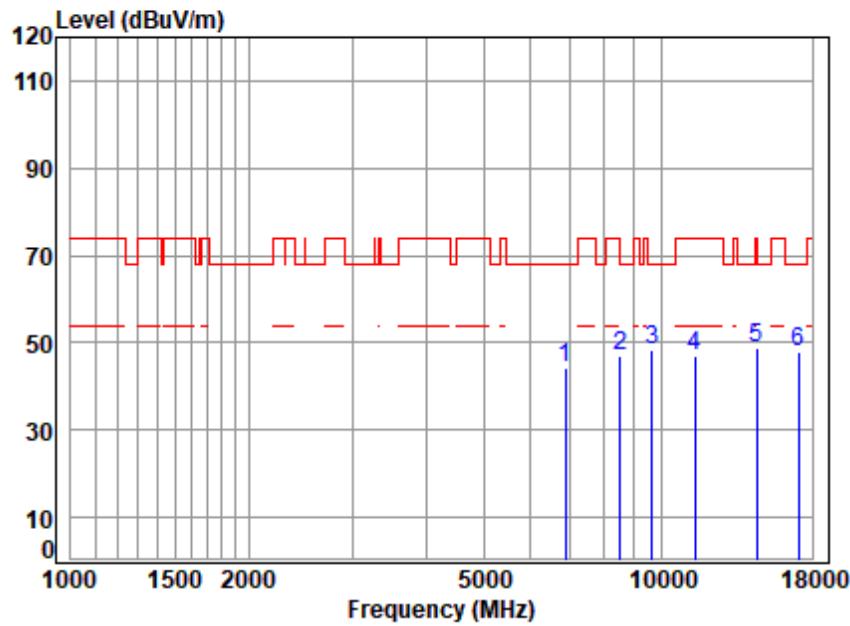
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6640.542	11.52	35.44	56.77	52.99	43.18	68.20 -25.02 Peak
2	8416.584	11.74	38.53	55.53	53.10	47.84	74.00 -26.16 peak
3	10068.450	13.19	39.04	54.06	49.68	47.85	68.20 -20.35 Peak
4	11200.000	14.76	39.60	53.56	48.30	49.10	74.00 -24.90 peak
5	14284.030	16.31	39.80	54.37	47.29	49.03	68.20 -19.17 Peak
6	pp16800.000	17.46	39.60	54.24	49.41	52.23	68.20 -15.97 peak

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Test Mode: 21; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

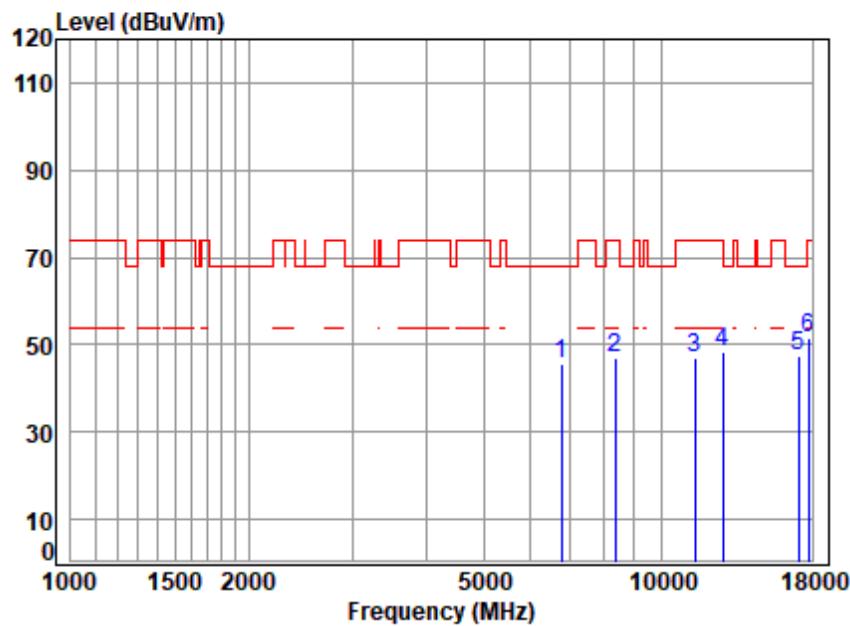
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6874.906	11.37	36.10	56.73	53.31	44.05	68.20 -24.15 peak
2	8514.456	12.26	38.30	55.44	51.78	46.90	68.20 -21.30 Peak
3	pp 9641.257	12.54	38.72	54.42	51.34	48.18	68.20 -20.02 Peak
4	11400.000	14.21	39.70	53.62	46.83	47.12	74.00 -26.88 peak
5	14491.960	17.07	39.51	54.35	46.56	48.79	74.00 -25.21 Peak
6	17100.000	18.47	39.80	54.32	43.86	47.81	68.20 -20.39 peak

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Test Mode: 21; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

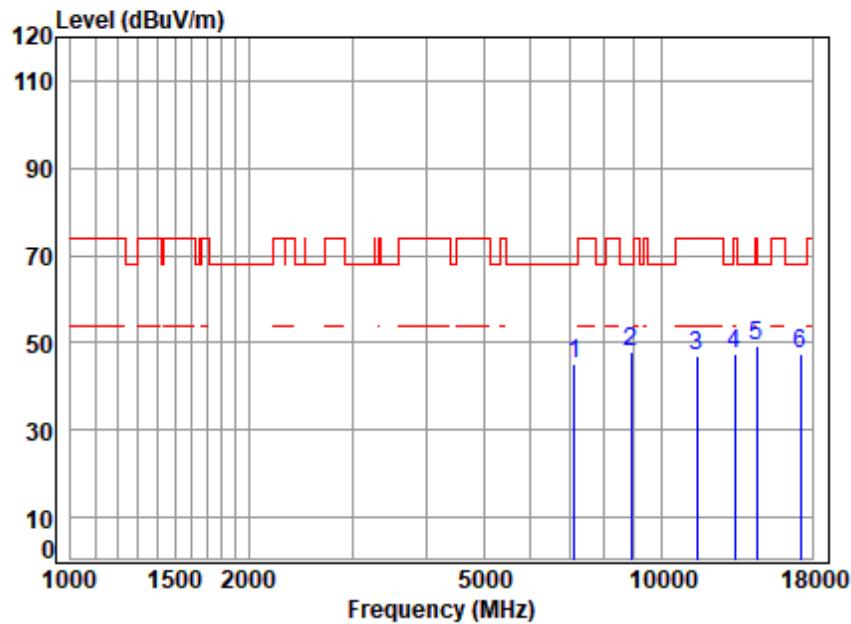
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6776.265	11.38	35.81	56.74	55.04	45.49	68.20	-22.71 peak
2	8368.069	11.67	38.66	55.57	52.14	46.90	74.00	-27.10 Peak
3	11400.000	14.21	39.70	53.62	46.70	46.99	74.00	-27.01 peak
4	12687.750	15.49	40.19	54.28	46.85	48.25	74.00	-25.75 peak
5	pp17100.000	18.47	39.80	54.32	43.48	47.43	68.20	-20.77 peak
6	17741.740	18.87	42.09	54.45	45.03	51.54	74.00	-22.46 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



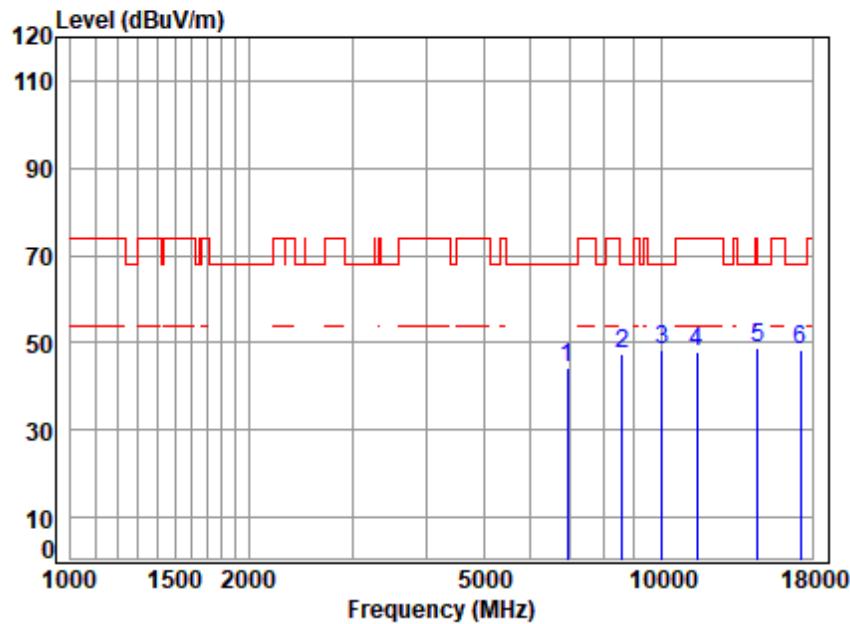
Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5745 TX RSE
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7138.144	11.81	36.48	56.59	53.44	45.14	68.20 -23.06 Peak
2 pp	8891.725	12.22	38.58	55.10	52.01	47.71	68.20 -20.49 Peak
3	11490.000	14.97	39.61	53.65	46.04	46.97	74.00 -27.03 peak
4	13326.750	16.37	40.30	54.47	45.48	47.68	74.00 -26.32 Peak
5	14491.960	17.07	39.51	54.35	46.97	49.20	74.00 -24.80 Peak
6	17235.000	17.83	40.01	54.35	44.05	47.54	68.20 -20.66 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5745 TX RSE

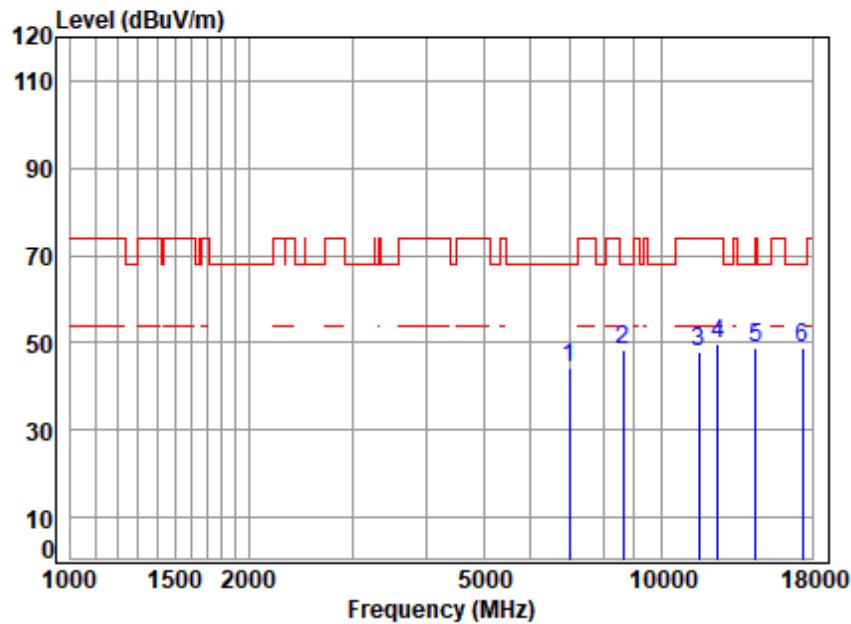
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6934.778	11.37	36.13	56.71	53.32	44.11	68.20	-24.09 Peak
2	8588.607	12.00	38.45	55.37	52.41	47.49	68.20	-20.71 Peak
3	10010.420	13.04	38.92	54.09	50.67	48.54	68.20	-19.66 Peak
4	11490.000	14.97	39.61	53.65	46.96	47.89	74.00	-26.11 peak
5	pp14575.970	16.41	39.35	54.34	47.51	48.93	68.20	-19.27 Peak
6	17235.000	17.83	40.01	54.35	44.72	48.21	68.20	-19.99 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5785 TX RSE
: 5G Wi-Fi 11a

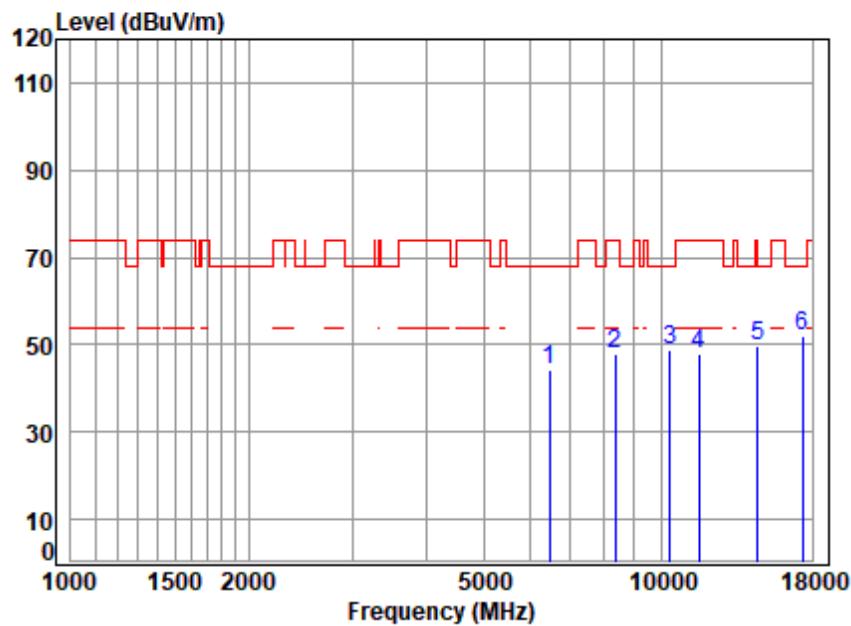
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6974.982	11.37	36.15	56.71	53.67	44.48	68.20 -23.72 Peak
2	8613.468	11.98	38.47	55.35	53.35	48.45	68.20 -19.75 Peak
3	11570.000	14.78	39.60	53.67	47.06	47.77	74.00 -26.23 peak
4	12469.610	15.43	39.90	54.13	48.51	49.71	74.00 -24.29 Peak
5	14450.130	16.98	39.55	54.35	46.66	48.84	68.20 -19.36 Peak
6	pp17355.000	18.00	40.31	54.37	44.93	48.87	68.20 -19.33 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5785 TX RSE

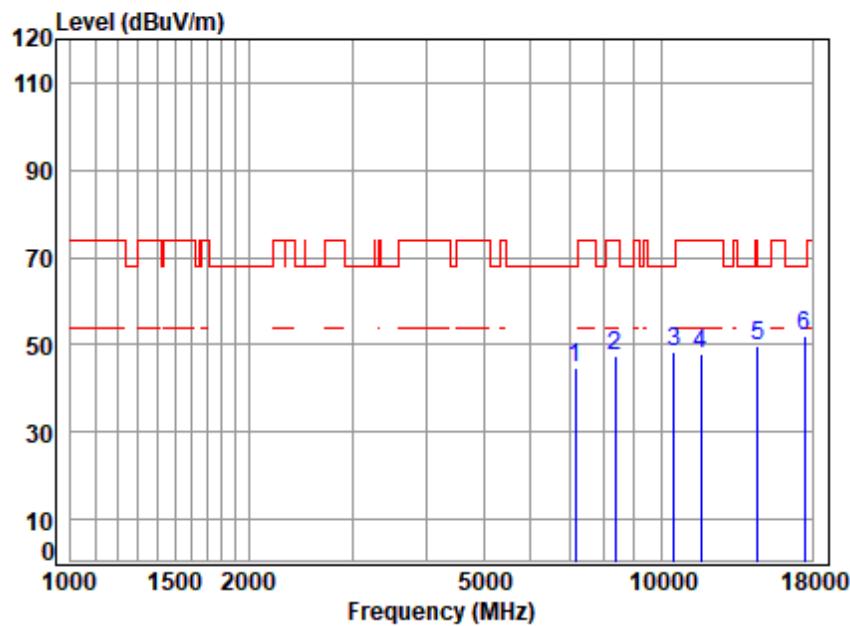
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6470.026	12.17	34.84	56.81	54.24	44.44	68.20	-23.76 Peak
2	8368.069	11.67	38.66	55.57	53.30	48.06	74.00	-25.94 Peak
3	10363.710	13.61	39.00	53.88	50.10	48.83	68.20	-19.37 Peak
4	11570.000	14.78	39.60	53.67	47.08	47.79	74.00	-26.21 peak
5	14533.910	16.79	39.43	54.35	47.76	49.63	68.20	-18.57 Peak
6	pp17355.000	18.00	40.31	54.37	48.04	51.98	68.20	-16.22 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5825 TX RSE
: 5G Wi-Fi 11a

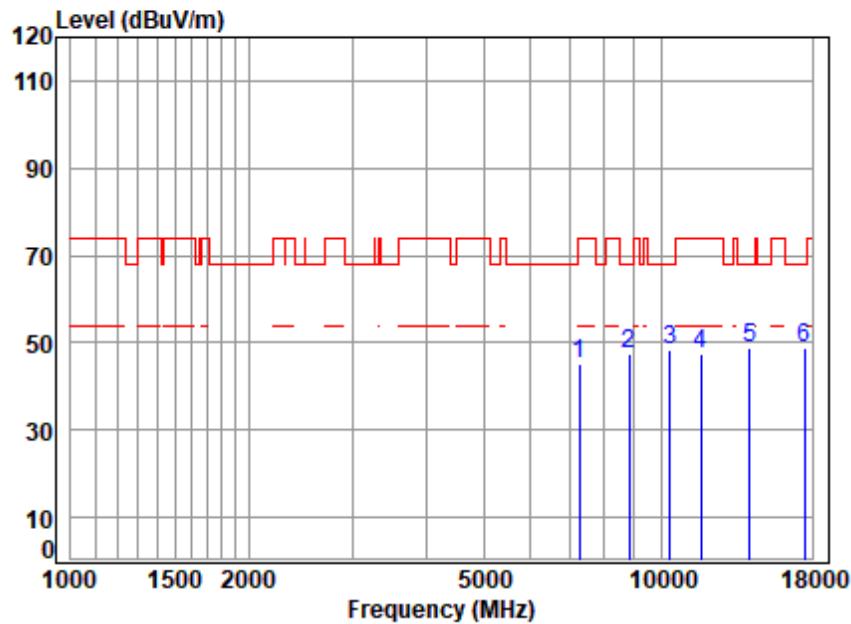
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7158.806	11.71	36.52	56.57	53.26	44.92	68.20 -23.28 Peak
2	8343.918	11.70	38.60	55.59	52.97	47.68	74.00 -26.32 Peak
3	10514.580	13.63	39.13	53.79	49.27	48.24	68.20 -19.96 Peak
4	11650.000	14.69	39.55	53.69	47.17	47.72	74.00 -26.28 peak
5	14533.910	16.79	39.43	54.35	47.65	49.52	68.20 -18.68 Peak
6	pp17475.000	18.35	40.78	54.40	47.19	51.92	68.20 -16.28 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5825 TX RSE

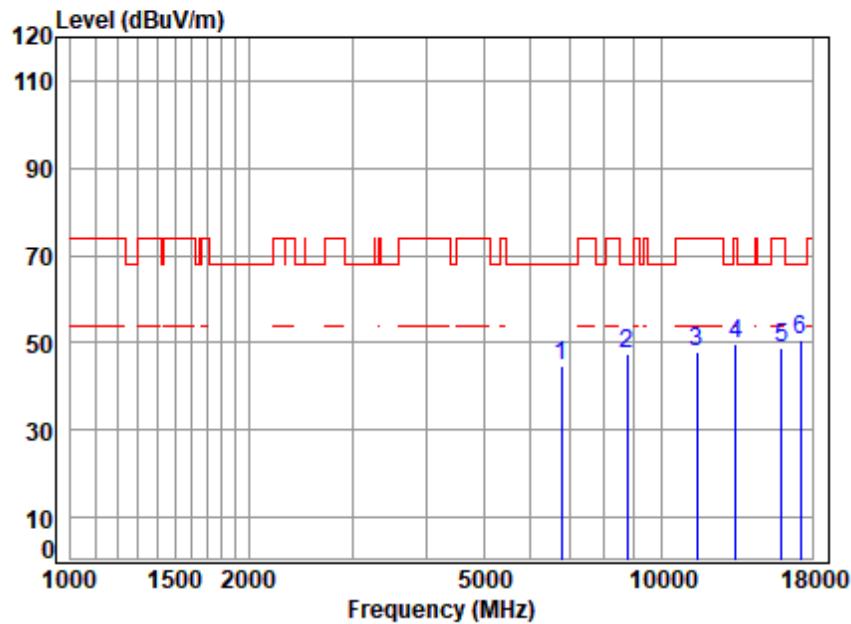
: 5G Wi-Fi 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7263.015	11.51	36.63	56.49	53.47	45.12	74.00 -28.88 Peak
2	8814.957	12.25	38.50	55.17	52.03	47.61	68.20 -20.59 Peak
3	10363.710	13.61	39.00	53.88	49.52	48.25	68.20 -19.95 Peak
4	11650.000	14.69	39.55	53.69	47.13	47.68	74.00 -26.32 peak
5	pp14119.830	16.45	39.88	54.39	47.10	49.04	68.20 -19.16 Peak
6	17475.000	18.35	40.78	54.40	44.07	48.80	68.20 -19.40 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5745 TX RSE

: 5G Wi-Fi 11ax20

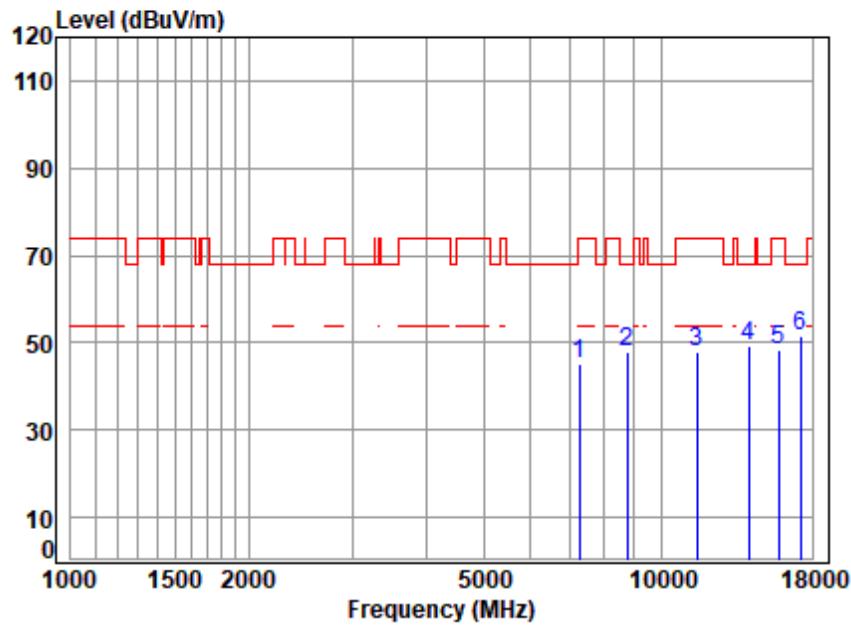
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	6776.265	11.38	35.81	56.74	54.07	44.52	68.20	-23.68 Peak
2	8764.146	12.19	38.50	55.21	51.96	47.44	68.20	-20.76 Peak
3	11490.000	14.97	39.61	53.65	46.98	47.91	74.00	-26.09 peak
4	13365.320	16.13	40.30	54.46	47.62	49.59	74.00	-24.41 Peak
5	15988.450	17.17	38.61	54.00	47.04	48.82	74.00	-25.18 Peak
6	pp17235.000	17.83	40.01	54.35	47.17	50.66	68.20	-17.54 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5745 TX RSE

: 5G Wi-Fi 11ax20

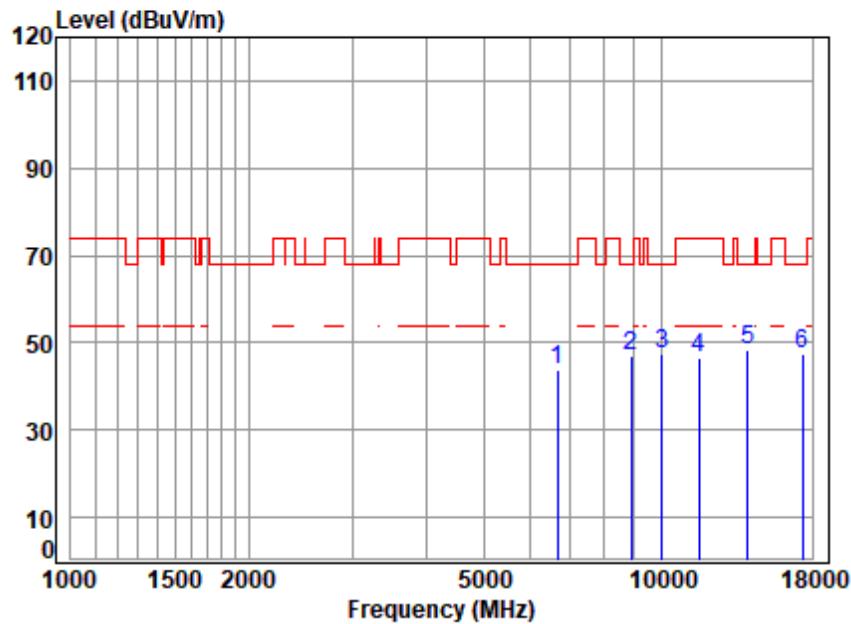
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	7263.015	11.51	36.63	56.49	53.38	45.03	74.00	-28.97 Peak
2	8738.852	12.15	38.52	55.24	52.60	48.03	68.20	-20.17 Peak
3	11490.000	14.97	39.61	53.65	47.14	48.07	74.00	-25.93 peak
4	14038.450	16.51	39.90	54.40	47.10	49.11	68.20	-19.09 Peak
5	15804.660	17.04	38.51	54.06	46.92	48.41	74.00	-25.59 Peak
6	pp17235.000	17.83	40.01	54.35	48.03	51.52	68.20	-16.68 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5785 TX RSE

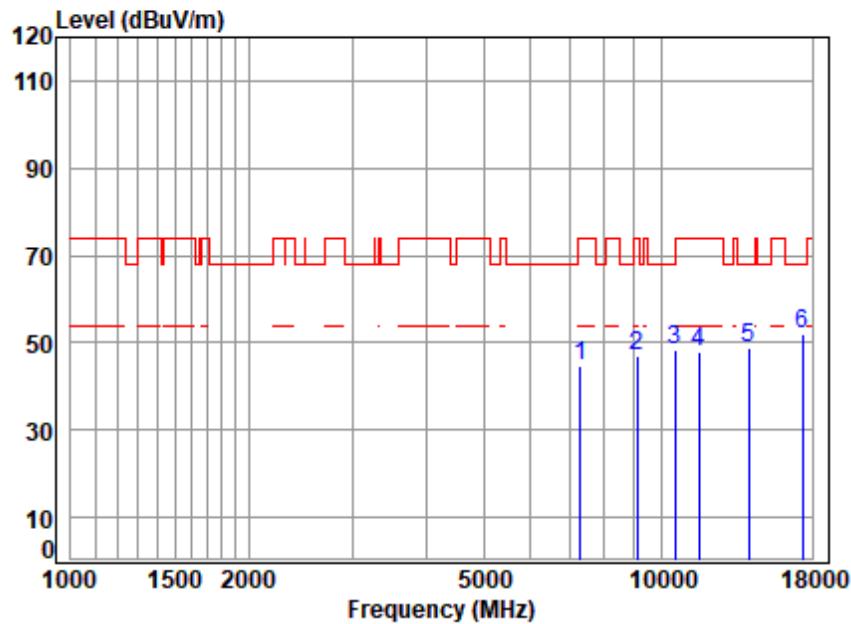
: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6659.763	11.49	35.48	56.77	53.45	43.65	68.20 -24.55 Peak
2	8891.725	12.22	38.58	55.10	51.44	47.14	68.20 -21.06 Peak
3	10039.390	13.11	38.98	54.08	49.59	47.60	68.20 -20.60 Peak
4	11570.000	14.78	39.60	53.67	45.83	46.54	74.00 -27.46 peak
5	pp13997.930	16.46	39.90	54.40	46.33	48.29	68.20 -19.91 Peak
6	17355.000	18.00	40.31	54.37	43.36	47.30	68.20 -20.90 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5785 TX RSE

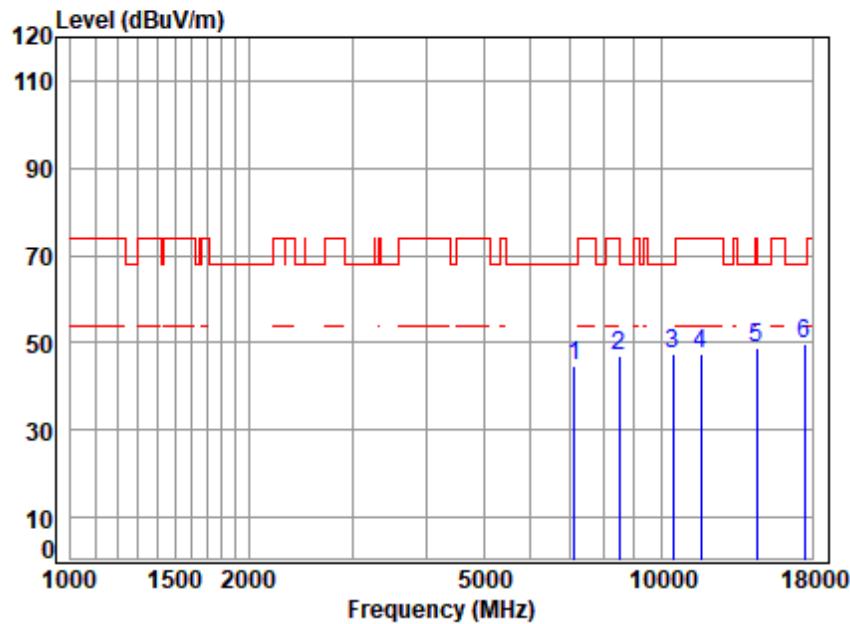
: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7305.122	11.51	36.71	56.46	53.04	44.80	74.00 -29.20 Peak
2	9099.724	12.12	38.60	54.91	51.29	47.10	74.00 -26.90 Peak
3	10545.010	13.62	39.19	53.77	49.55	48.59	68.20 -19.61 Peak
4	11570.000	14.78	39.60	53.67	47.11	47.82	74.00 -26.18 peak
5	14038.450	16.51	39.90	54.40	46.99	49.00	68.20 -19.20 Peak
6	pp17355.000	18.00	40.31	54.37	47.97	51.91	68.20 -16.29 peak

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Test Mode: 23; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5825 TX RSE

: 5G Wi-Fi 11ax20

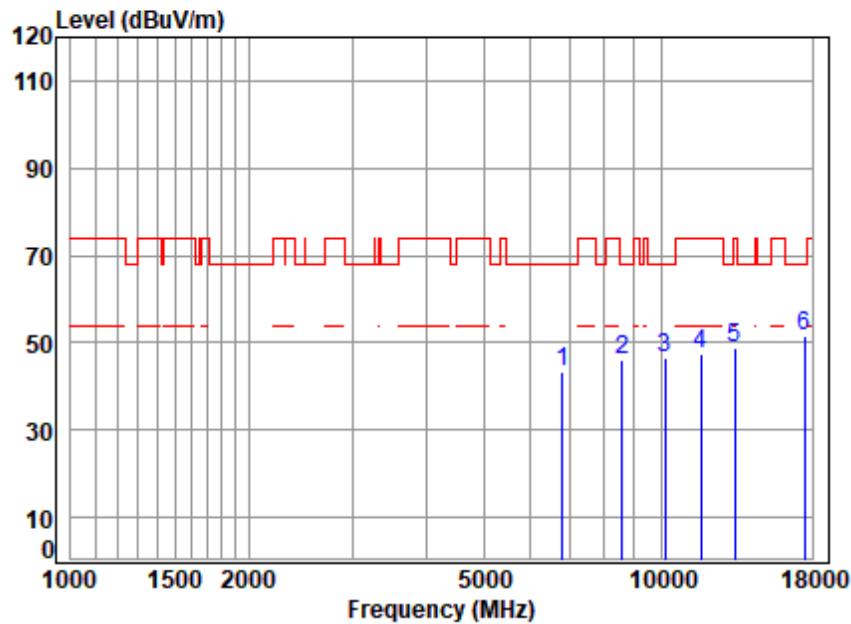
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	7117.542	11.91	36.44	56.61	53.10	44.84	68.20 -23.36 Peak
2	8489.882	12.24	38.32	55.46	52.07	47.17	74.00 -26.83 Peak
3	10453.970	13.63	39.05	53.83	48.45	47.30	68.20 -20.90 Peak
4	11650.000	14.69	39.55	53.69	47.08	47.63	74.00 -26.37 peak
5	14491.960	17.07	39.51	54.35	46.38	48.61	74.00 -25.39 Peak
6	pp17475.000	18.35	40.78	54.40	45.15	49.88	68.20 -18.32 peak

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Test Mode: 23; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5825 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	6795.879	11.37	35.88	56.74	53.03	43.54	68.20 -24.66 Peak
2	8588.607	12.00	38.45	55.37	51.21	46.29	68.20 -21.91 Peak
3	10126.820	13.22	39.10	54.02	48.12	46.42	68.20 -21.78 Peak
4	11650.000	14.69	39.55	53.69	46.70	47.25	74.00 -26.75 peak
5	13326.750	16.37	40.30	54.47	46.59	48.79	74.00 -25.21 Peak
6	pp17475.000	18.35	40.78	54.40	46.99	51.72	68.20 -16.48 peak

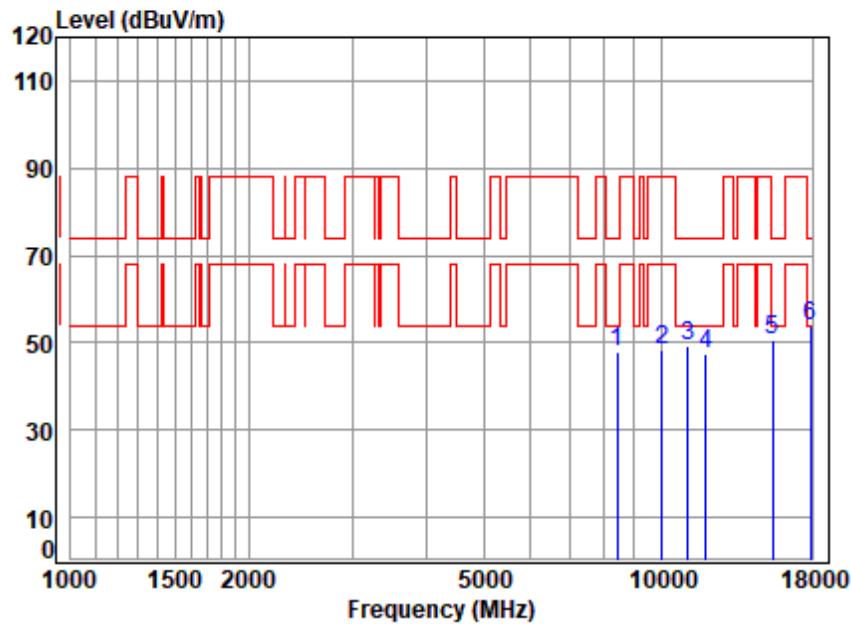
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 5955 TX RSE
: Wi-Fi 6E 11a

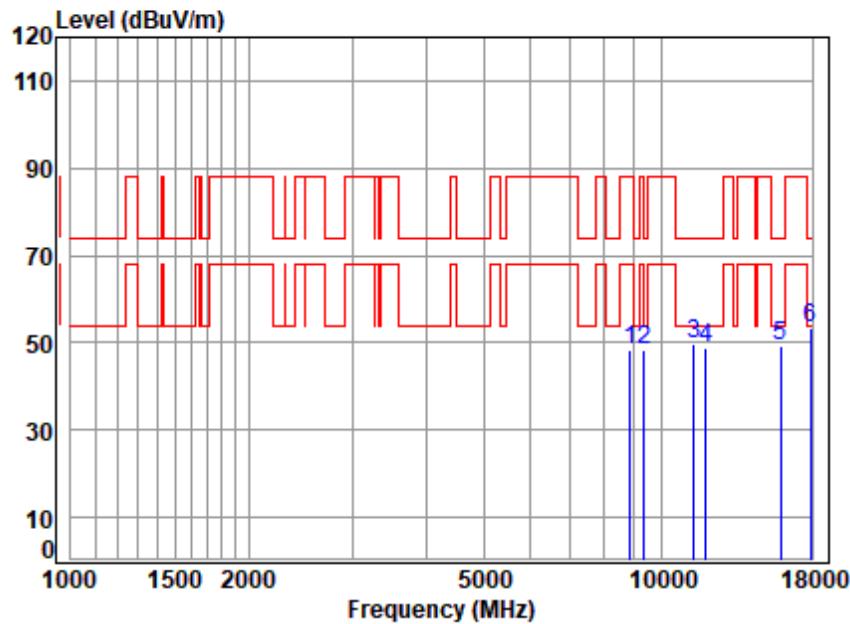
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8416.584	12.02	38.53	55.53	52.76	47.78	74.00 -26.22 peak
2	10010.420	12.97	38.92	54.09	50.67	48.47	88.20 -39.73 peak
3	11108.160	14.25	39.51	53.53	48.94	49.17	74.00 -24.83 peak
4	11910.000	14.62	39.71	53.77	46.90	47.46	74.00 -26.54 peak
5	15443.410	17.70	38.60	54.17	48.35	50.48	74.00 -23.52 peak
6	pp17865.000	19.21	42.89	54.47	46.07	53.70	74.00 -20.30 peak



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Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 TX RSE

: Wi-Fi 6E 11a

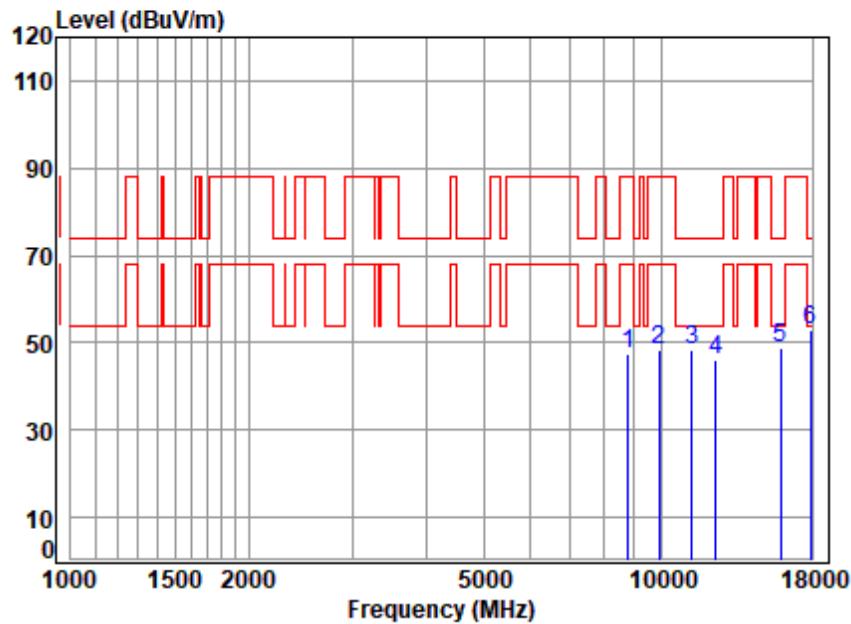
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8840.473	12.51	38.50	55.14	52.50	48.37	88.20 -39.83 peak
2	9339.543	12.36	38.80	54.69	51.74	48.21	74.00 -25.79 peak
3	11335.190	14.50	39.70	53.60	49.29	49.89	74.00 -24.11 peak
4	11910.000	14.62	39.71	53.77	48.23	48.79	74.00 -25.21 peak
5	15942.300	17.65	38.66	54.02	47.20	49.49	74.00 -24.51 peak
6	pp17865.000	19.21	42.89	54.47	45.70	53.33	74.00 -20.67 peak



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Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6175 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8789.516	12.45	38.50	55.19	51.76	47.52	88.20 -40.68 peak
2	9923.991	12.85	38.90	54.17	50.62	48.20	88.20 -40.00 peak
3	11269.860	14.52	39.67	53.58	47.79	48.40	74.00 -25.60 peak
4	12350.000	14.81	39.85	54.04	45.26	45.88	74.00 -28.12 peak
5	15896.290	17.90	38.69	54.03	46.05	48.61	74.00 -25.39 peak
6	pp17896.250	19.26	43.08	54.48	44.96	52.82	74.00 -21.18 peak

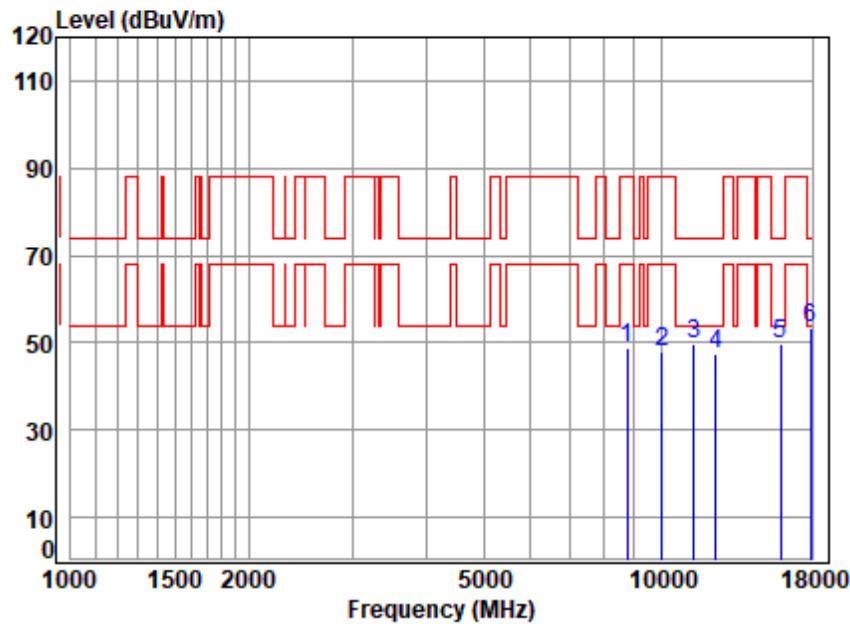
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

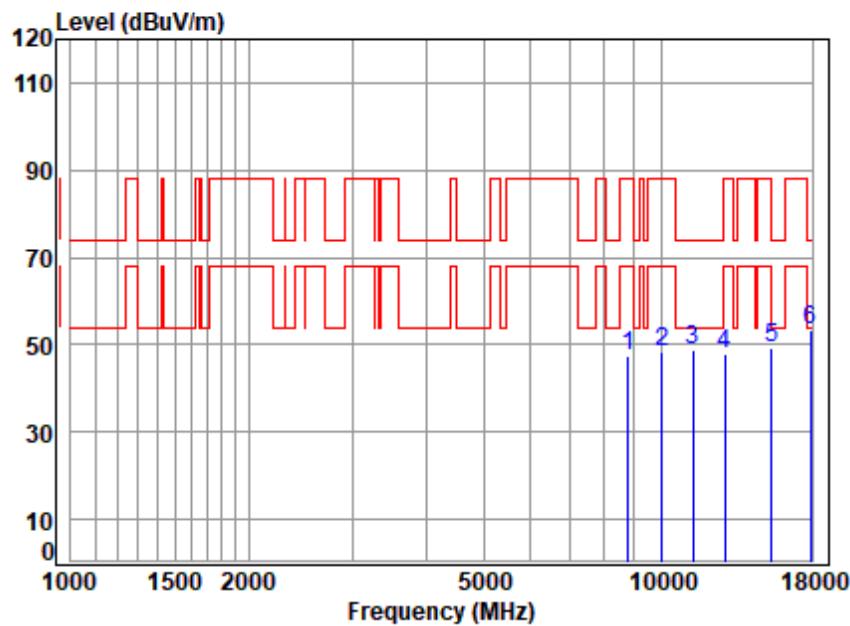
Mode : 6175 TX RSE

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	8764.146	12.45	38.50	55.21	52.90	48.64	88.20	-39.56 peak
2	10010.420	12.97	38.92	54.09	50.20	48.00	88.20	-40.20 peak
3	11368.000	14.40	39.70	53.61	49.13	49.62	74.00	-24.38 peak
4	12350.000	14.81	39.85	54.04	46.75	47.37	74.00	-26.63 peak
5	15896.290	17.90	38.69	54.03	46.99	49.55	74.00	-24.45 peak
6	pp17896.250	19.26	43.08	54.48	45.42	53.28	74.00	-20.72 peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6415 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8789.516	12.45	38.50	55.19	51.85	47.61	88.20 -40.59 peak
2	10010.420	12.97	38.92	54.09	50.69	48.49	88.20 -39.71 peak
3	11302.480	14.60	39.70	53.59	48.14	48.85	74.00 -25.15 peak
4	12830.000	15.28	40.33	54.38	46.56	47.79	88.20 -40.41 peak
5	15398.830	17.93	38.60	54.18	46.89	49.24	74.00 -24.76 peak
6	pp17896.250	19.26	43.08	54.48	45.33	53.19	74.00 -20.81 peak

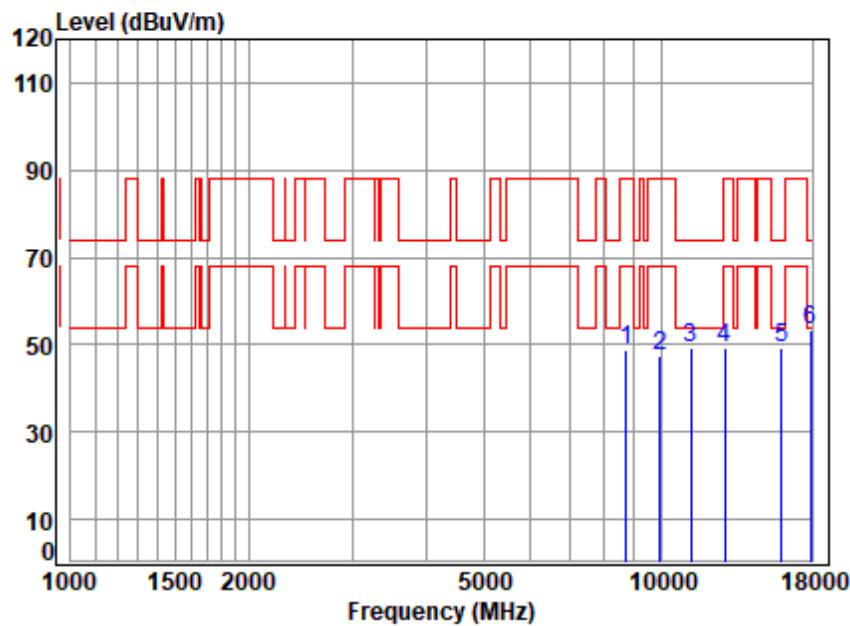
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6415 TX RSE

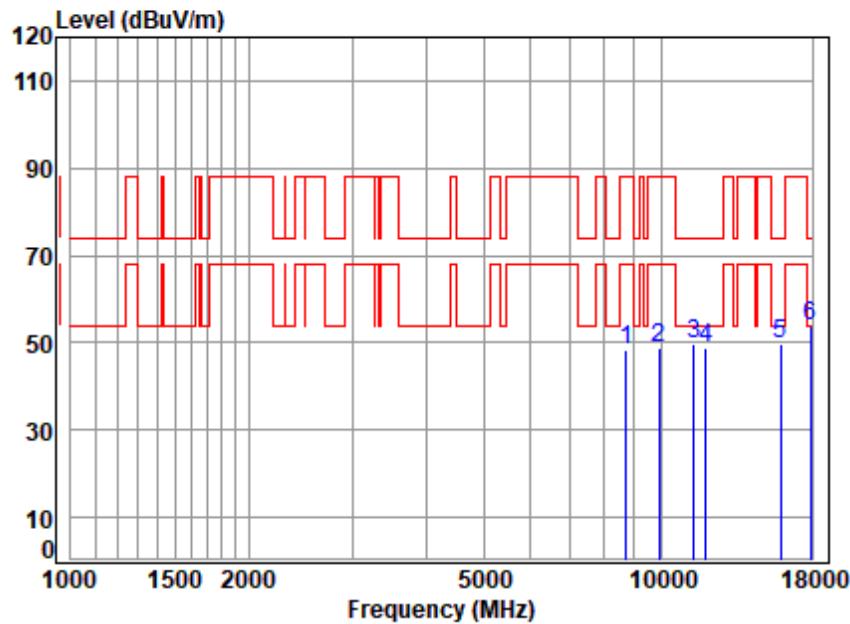
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8713.630	12.45	38.57	55.26	52.88	48.64	88.20 -39.56 peak
2	9952.717	12.89	38.90	54.14	49.62	47.27	88.20 -40.93 peak
3	11237.330	14.42	39.64	53.57	48.79	49.28	74.00 -24.72 peak
4	12830.000	15.28	40.33	54.38	47.84	49.07	88.20 -39.13 peak
5	15988.450	17.35	38.61	54.00	47.36	49.32	74.00 -24.68 peak
6	pp17896.250	19.26	43.08	54.48	45.36	53.22	74.00 -20.78 peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 5955 TX RSE

: Wi-Fi 6E 11ax20

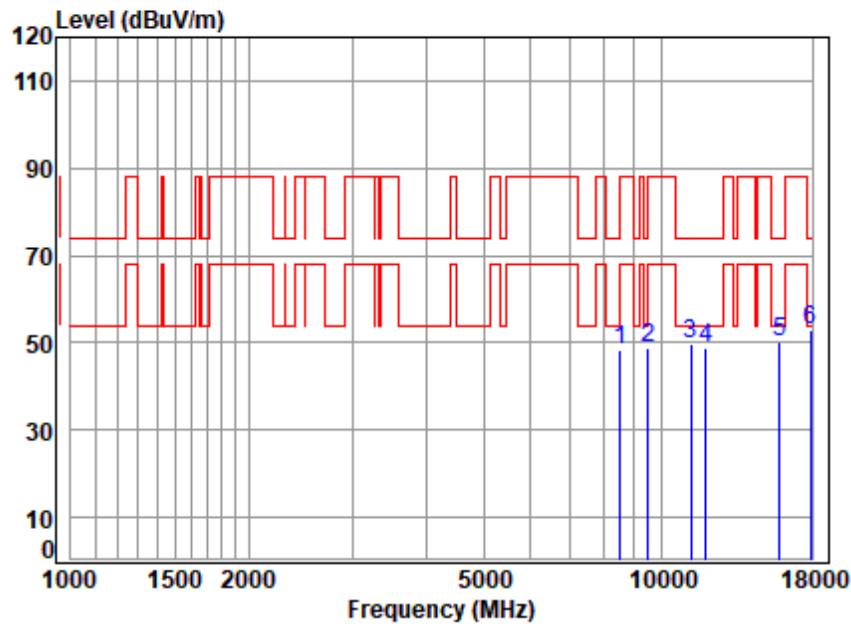
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8713.630	12.45	38.57	55.26	52.41	48.17	88.20	-40.03 peak
2	9895.349	12.82	38.80	54.19	51.30	48.73	88.20	-39.47 peak
3	11335.190	14.50	39.70	53.60	49.12	49.72	74.00	-24.28 peak
4	11910.000	14.62	39.71	53.77	48.39	48.95	74.00	-25.05 peak
5	15896.290	17.90	38.69	54.03	47.31	49.87	74.00	-24.13 peak
6	pp17865.000	19.21	42.89	54.47	46.26	53.89	74.00	-20.11 peak

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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 5955 TX RSE

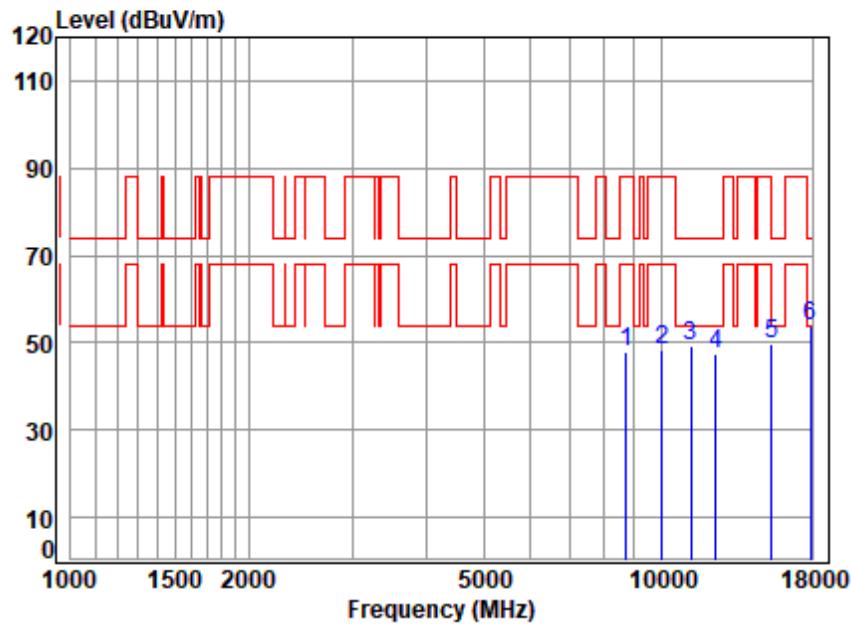
: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8514.456	12.69	38.30	55.44	52.75	48.30	88.20	-39.90 peak
2	9502.925	12.58	38.89	54.55	51.79	48.71	88.20	-39.49 peak
3	11204.900	14.32	39.60	53.56	49.25	49.61	74.00	-24.39 peak
4	11910.000	14.62	39.71	53.77	48.39	48.95	74.00	-25.05 peak
5	15850.410	17.62	38.60	54.04	47.95	50.13	74.00	-23.87 peak
6	pp17865.000	19.21	42.89	54.47	45.50	53.13	74.00	-20.87 peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6175 TX RSE

: Wi-Fi 6E 11ax20

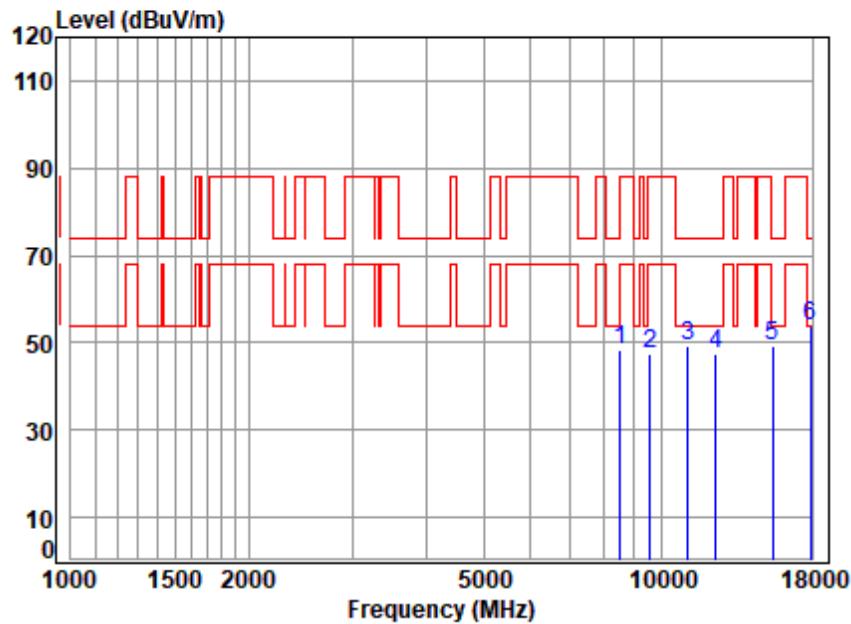
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8713.630	12.45	38.57	55.26	52.34	48.10	88.20	-40.10 peak
2	10010.420	12.97	38.92	54.09	50.36	48.16	88.20	-40.04 peak
3	11237.330	14.42	39.64	53.57	48.87	49.36	74.00	-24.64 peak
4	12350.000	14.81	39.85	54.04	47.00	47.62	74.00	-26.38 peak
5	15398.830	17.93	38.60	54.18	47.31	49.66	74.00	-24.34 peak
6	pp17896.250	19.26	43.08	54.48	45.75	53.61	74.00	-20.39 peak

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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6175 TX RSE

: Wi-Fi 6E 11ax20

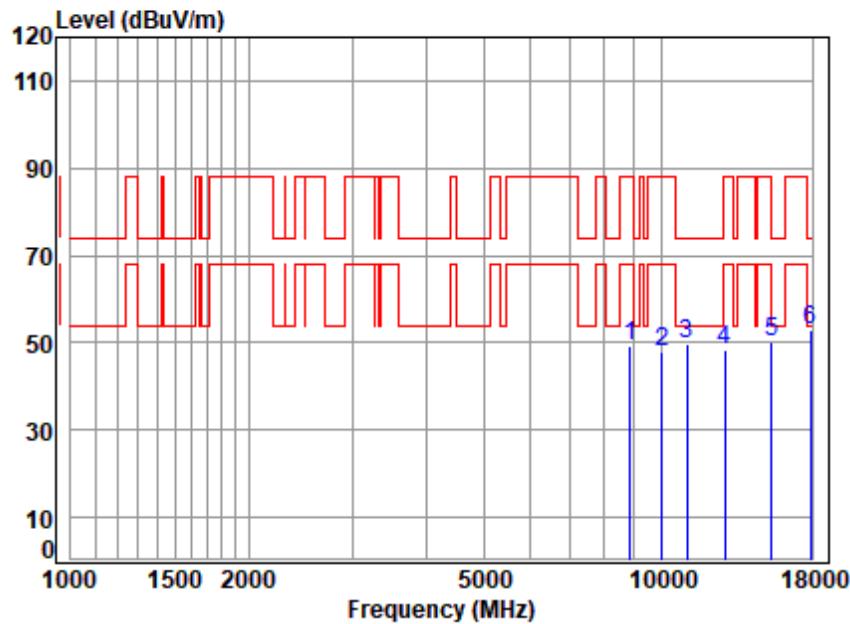
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	8514.456	12.69	38.30	55.44	52.60	48.15	88.20	-40.05 peak
2	9585.684	12.58	38.80	54.47	50.51	47.42	88.20	-40.78 peak
3	11076.100	14.20	39.48	53.52	49.01	49.17	74.00	-24.83 peak
4	12350.000	14.81	39.85	54.04	46.80	47.42	74.00	-26.58 peak
5	15443.410	17.70	38.60	54.17	47.20	49.33	74.00	-24.67 peak
6	pp17896.250	19.26	43.08	54.48	46.10	53.96	74.00	-20.04 peak

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Test Mode: 25; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6415 TX RSE

: Wi-Fi 6E 11ax20

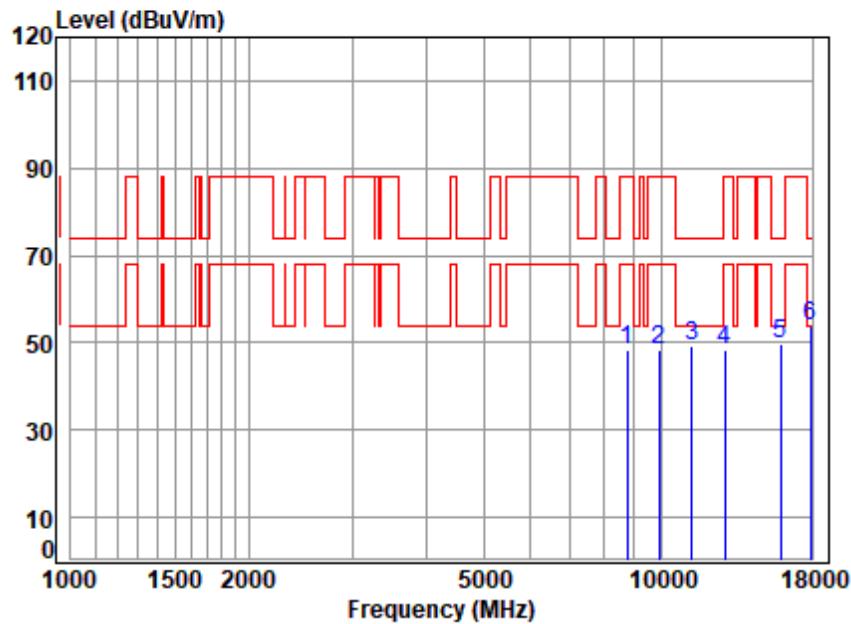
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8866.062	12.55	38.53	55.12	53.52	49.48	88.20	-38.72 peak
2	10010.420	12.97	38.92	54.09	50.23	48.03	88.20	-40.17 peak
3	11044.130	14.15	39.44	53.51	49.74	49.82	74.00	-24.18 peak
4	12830.000	15.28	40.33	54.38	47.10	48.33	88.20	-39.87 peak
5	15398.830	17.93	38.60	54.18	48.02	50.37	74.00	-23.63 peak
6	pp17896.250	19.26	43.08	54.48	45.16	53.02	74.00	-20.98 peak

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Test Mode: 25; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6415 TX RSE

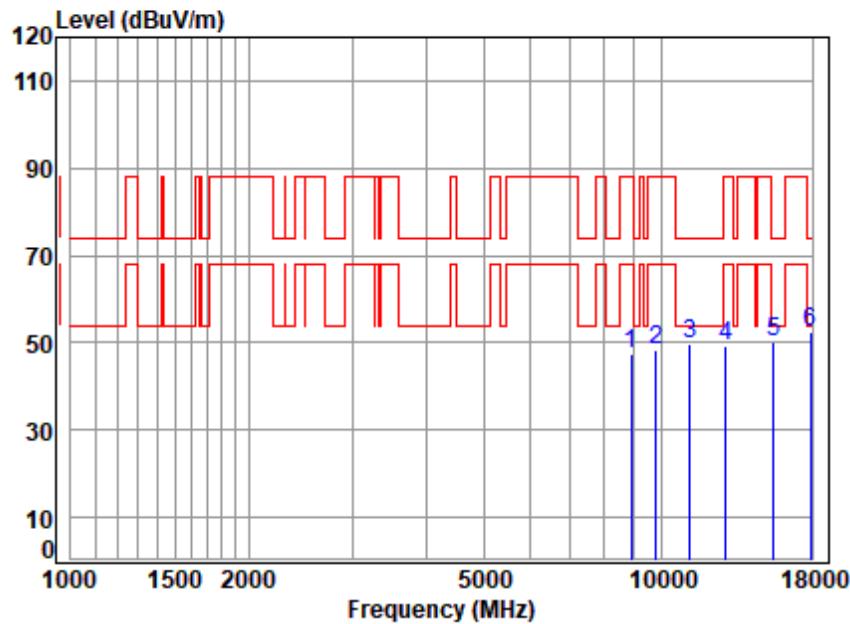
: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8738.852	12.45	38.52	55.24	52.66	48.39	88.20	-39.81 peak
2	9895.349	12.82	38.80	54.19	50.76	48.19	88.20	-40.01 peak
3	11269.860	14.52	39.67	53.58	48.80	49.41	74.00	-24.59 peak
4	12830.000	15.28	40.33	54.38	46.91	48.14	88.20	-40.06 peak
5	15896.290	17.90	38.69	54.03	47.19	49.75	74.00	-24.25 peak
6	pp17896.250	19.26	43.08	54.48	46.03	53.89	74.00	-20.11 peak

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Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6435 TX RSE
: Wi-Fi 6E 11a

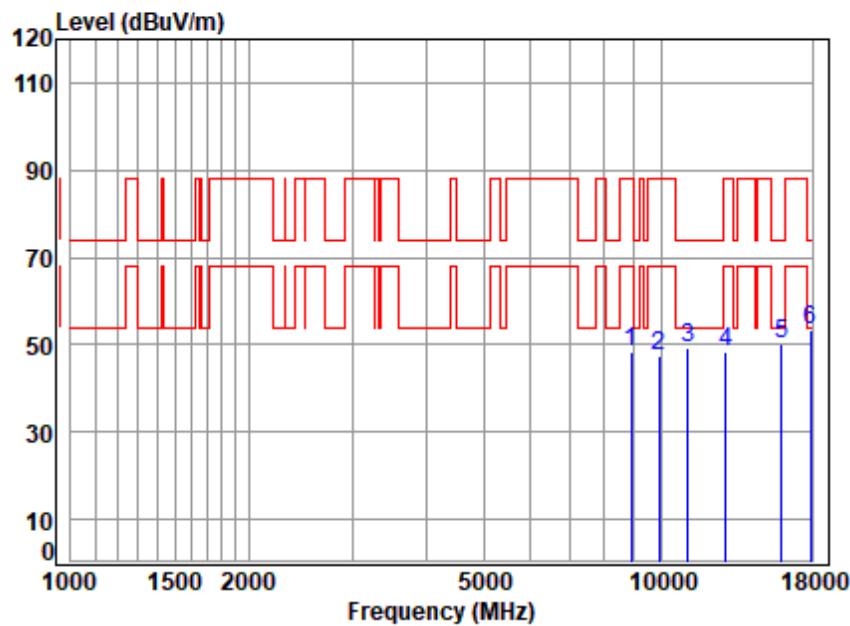
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8891.725	12.59	38.58	55.10	51.44	47.51	88.20 -40.69 peak
2	9781.603	12.94	38.60	54.30	51.30	48.54	88.20 -39.66 peak
3	11172.560	14.29	39.57	53.55	49.28	49.59	74.00 -24.41 peak
4	12870.000	15.31	40.37	54.41	48.09	49.36	88.20 -38.84 peak
5	15488.110	17.46	38.60	54.15	48.22	50.13	74.00 -23.87 peak
6	pp17896.250	19.26	43.08	54.48	44.43	52.29	74.00 -21.71 peak

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Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6435 TX RSE

: Wi-Fi 6E 11a

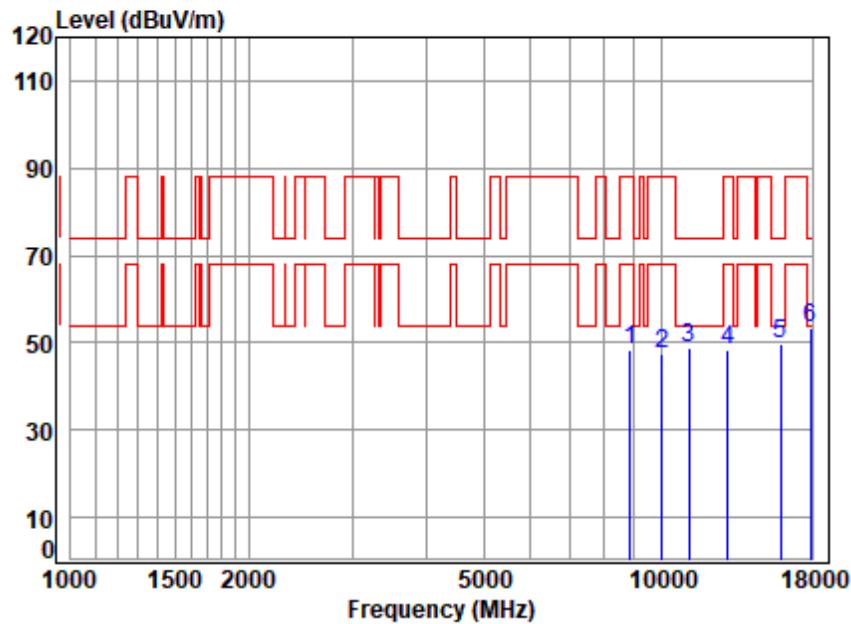
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8891.725	12.59	38.58	55.10	52.29	48.36	88.20	-39.84 peak
2 9895.349	12.82	38.80	54.19	50.15	47.58	88.20	-40.62 peak
3 11076.100	14.20	39.48	53.52	49.26	49.42	74.00	-24.58 peak
4 12870.000	15.31	40.37	54.41	47.27	48.54	88.20	-39.66 peak
5 15988.450	17.35	38.61	54.00	48.23	50.19	74.00	-23.81 peak
6 pp17896.250	19.26	43.08	54.48	45.67	53.53	74.00	-20.47 peak

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Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



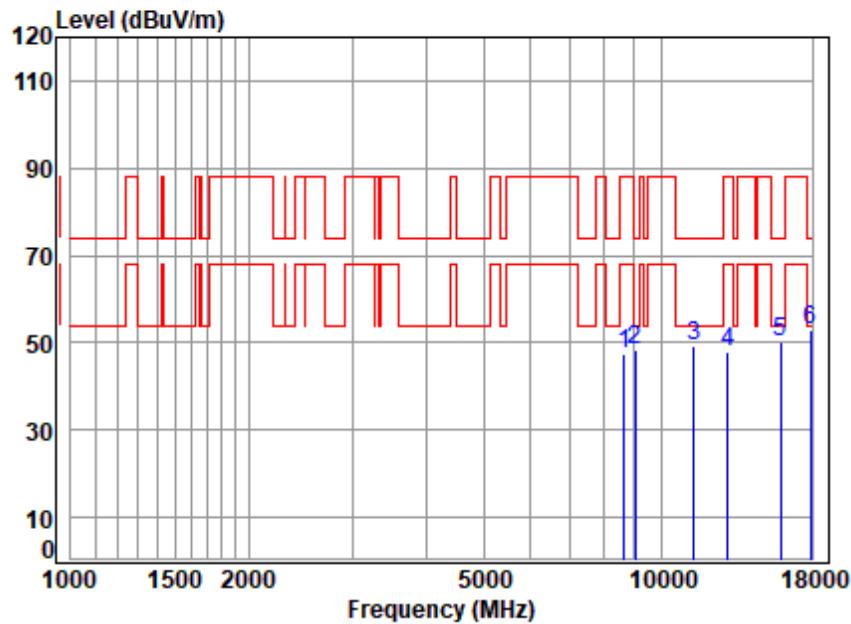
Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6475 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8840.473	12.51	38.50	55.14	52.69	48.56	88.20 -39.64 peak
2	10010.420	12.97	38.92	54.09	49.74	47.54	88.20 -40.66 peak
3	11140.310	14.27	39.54	53.54	48.73	49.00	74.00 -25.00 peak
4	12950.000	15.35	40.35	54.47	46.94	48.17	88.20 -40.03 peak
5	15896.290	17.90	38.69	54.03	46.95	49.51	74.00 -24.49 peak
6	pp17896.250	19.26	43.08	54.48	45.52	53.38	74.00 -20.62 peak

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Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

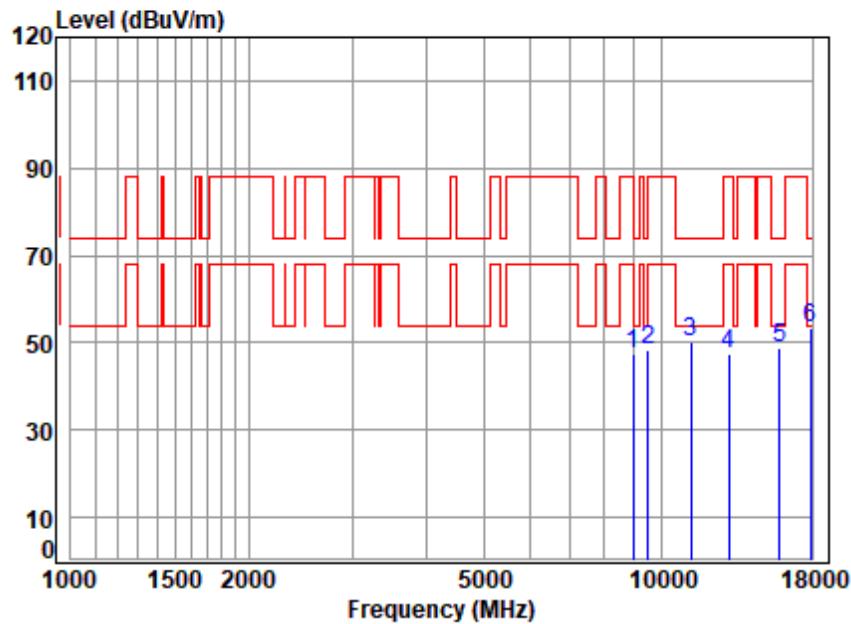
Job No : 01803AT/01804AT

Mode : 6475 TX RSE

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8663.404	12.41	38.45	55.30	51.78	47.34	88.20 -40.86 peak
2	9021.160	12.35	38.60	54.98	52.42	48.39	74.00 -25.61 peak
3	11335.190	14.50	39.70	53.60	48.46	49.06	74.00 -24.94 peak
4	12950.000	15.35	40.35	54.47	46.77	48.00	88.20 -40.20 peak
5	15942.300	17.65	38.66	54.02	48.00	50.29	74.00 -23.71 peak
6	pp17896.250	19.26	43.08	54.48	45.01	52.87	74.00 -21.13 peak



Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6515 TX RSE

: Wi-Fi 6E 11a

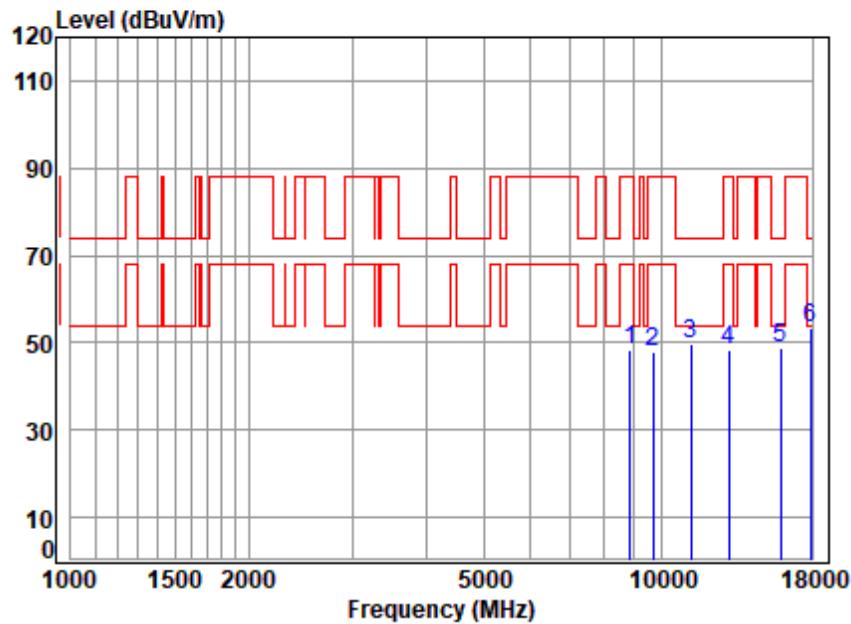
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8969.161	12.44	38.54	55.03	51.48	47.43	88.20 -40.77 peak
2	9502.925	12.58	38.89	54.55	51.37	48.29	88.20 -39.91 peak
3	11237.330	14.42	39.64	53.57	49.78	50.27	74.00 -23.73 peak
4	13030.000	15.39	40.30	54.50	46.24	47.43	88.20 -40.77 peak
5	15850.410	17.62	38.60	54.04	46.77	48.95	74.00 -25.05 peak
6	pp17896.250	19.26	43.08	54.48	45.44	53.30	74.00 -20.70 peak

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Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6515 TX RSE

: Wi-Fi 6E 11a

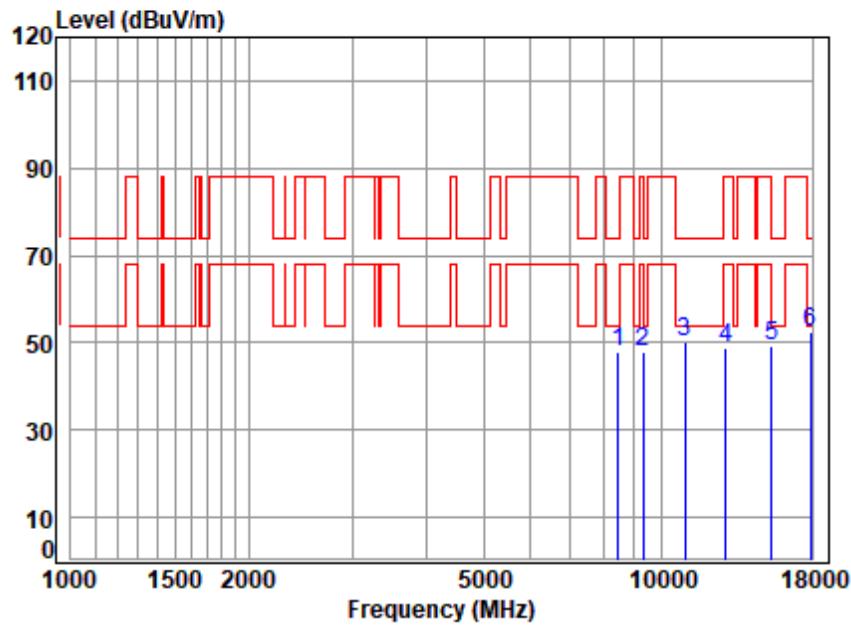
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Level	Level	Line	Limit	
1	8866.062	12.55	38.53	55.12	52.24	48.20	88.20	-40.00 peak
2	9669.164	12.82	38.70	54.40	50.83	47.95	88.20	-40.25 peak
3	11204.900	14.32	39.60	53.56	49.18	49.54	74.00	-24.46 peak
4	13030.000	15.39	40.30	54.50	47.24	48.43	88.20	-39.77 peak
5	15896.290	17.90	38.69	54.03	46.29	48.85	74.00	-25.15 peak
6	pp17896.250	19.26	43.08	54.48	45.69	53.55	74.00	-20.45 peak

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Test Mode: 27; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6435 TX RSE

: Wi-Fi 6E 11ax20

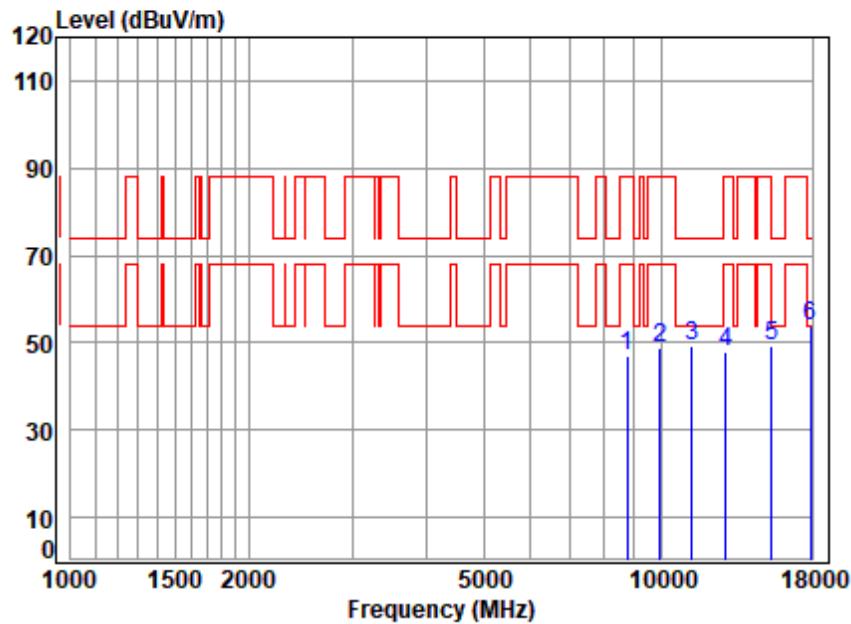
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	8440.945	12.24	38.44	55.50	52.70	47.88	74.00	-26.12 peak
2	9312.588	12.36	38.80	54.72	51.27	47.71	74.00	-26.29 peak
3	10980.470	14.02	39.38	53.51	50.45	50.34	74.00	-23.66 peak
4	12870.000	15.31	40.37	54.41	47.68	48.95	88.20	-39.25 peak
5	15398.830	17.93	38.60	54.18	47.05	49.40	74.00	-24.60 peak
6	pp17896.250	19.26	43.08	54.48	44.55	52.41	74.00	-21.59 peak

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Test Mode: 27; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6435 TX RSE

: Wi-Fi 6E 11ax20

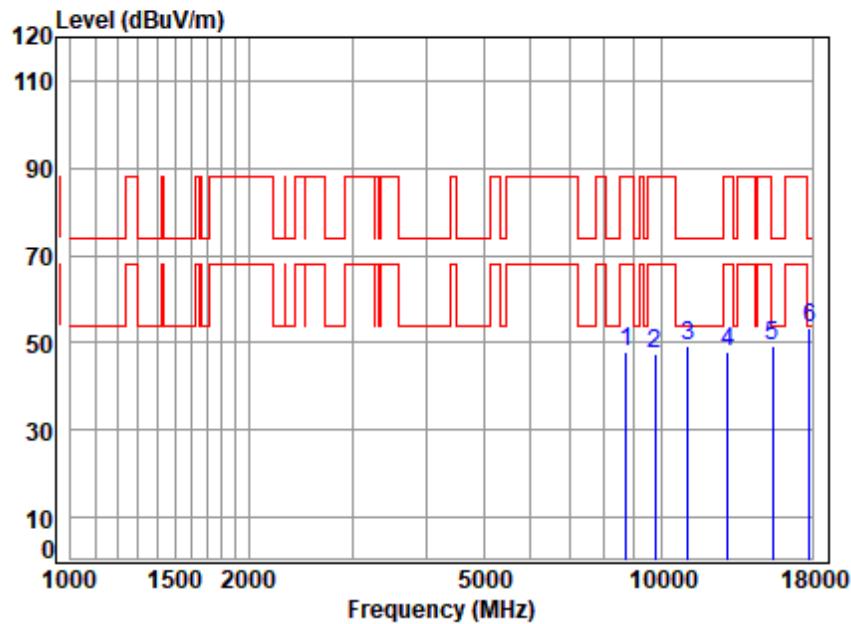
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8764.146	12.45	38.50	55.21	51.46	47.20	88.20 -41.00 peak
2	9952.717	12.89	38.90	54.14	51.01	48.66	88.20 -39.54 peak
3	11269.860	14.52	39.67	53.58	48.60	49.21	74.00 -24.79 peak
4	12870.000	15.31	40.37	54.41	46.86	48.13	88.20 -40.07 peak
5	15398.830	17.93	38.60	54.18	46.75	49.10	74.00 -24.90 peak
6	pp17896.250	19.26	43.08	54.48	46.06	53.92	74.00 -20.08 peak

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 27; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6475 TX RSE

: Wi-Fi 6E 11ax20

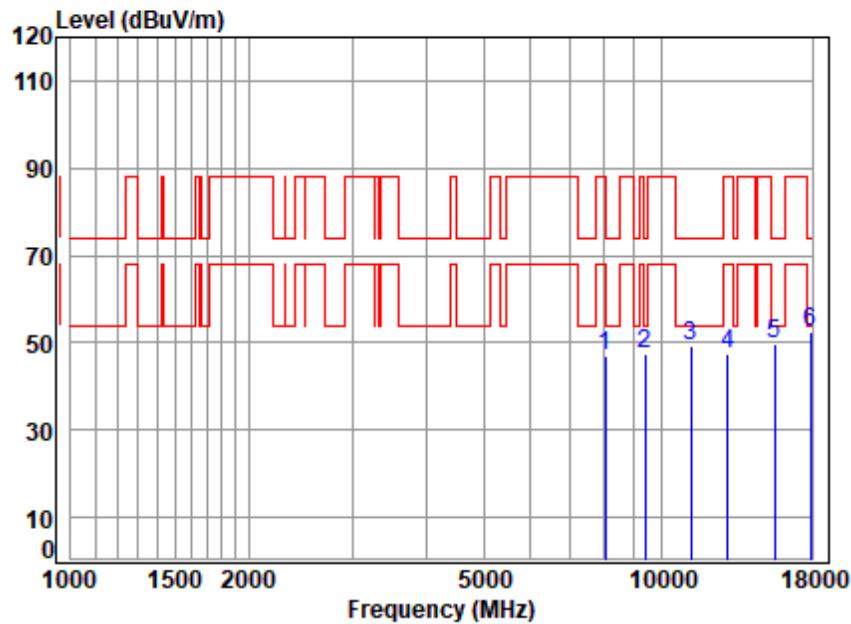
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8713.630	12.45	38.57	55.26	52.09	47.85	88.20	-40.35 peak
2	9753.371	12.93	38.60	54.32	50.41	47.62	88.20	-40.58 peak
3	11108.160	14.25	39.51	53.53	49.01	49.24	74.00	-24.76 peak
4	12950.000	15.35	40.35	54.47	46.67	47.90	88.20	-40.30 peak
5	15443.410	17.70	38.60	54.17	46.96	49.09	74.00	-24.91 peak
6	pp17793.090	19.13	42.45	54.46	46.12	53.24	74.00	-20.76 peak

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Test Mode: 27; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6475 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8036.214	12.09	37.80	55.87	52.81	46.83	74.00 -27.17 Peak
2	9393.689	12.37	38.80	54.65	51.14	47.66	74.00 -26.34 peak
3	11237.330	14.42	39.64	53.57	48.98	49.47	74.00 -24.53 peak
4	12950.000	15.35	40.35	54.47	46.34	47.57	88.20 -40.63 peak
5	15532.940	17.28	38.57	54.14	47.97	49.68	74.00 -24.32 peak
6	pp17896.250	19.26	43.08	54.48	44.48	52.34	74.00 -21.66 peak

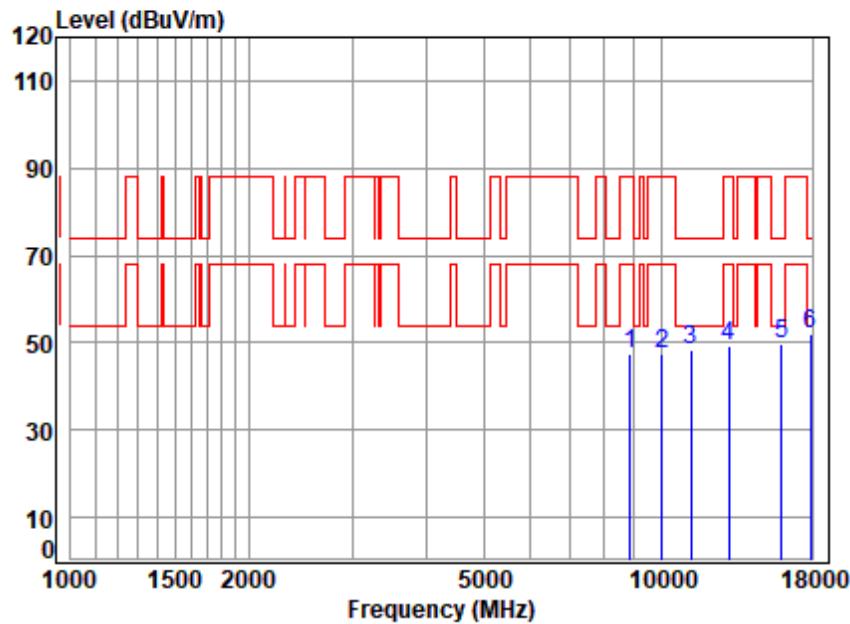
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Shenzhen Branch is a SGS Laboratory.

Test Mode: 27; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

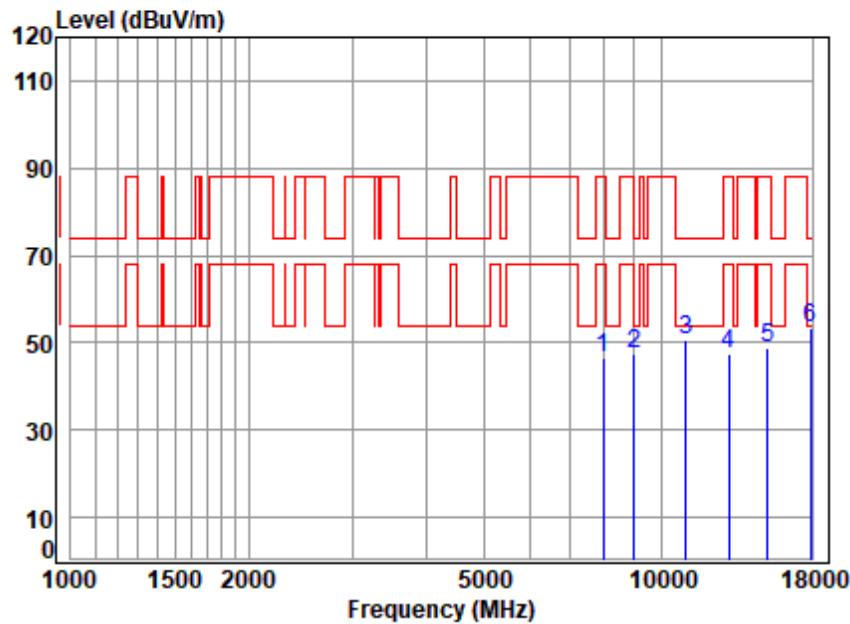
Mode : 6515 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8866.062	12.55	38.53	55.12	51.52	47.48	88.20 -40.72 peak
2	10010.420	12.97	38.92	54.09	49.83	47.63	88.20 -40.57 peak
3	11237.330	14.42	39.64	53.57	48.10	48.59	74.00 -25.41 peak
4	13030.000	15.39	40.30	54.50	47.91	49.10	88.20 -39.10 peak
5	15988.450	17.35	38.61	54.00	47.68	49.64	74.00 -24.36 peak
6	pp17896.250	19.26	43.08	54.48	44.16	52.02	74.00 -21.98 peak



Test Mode: 27; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6515 TX RSE

: Wi-Fi 6E 11ax20

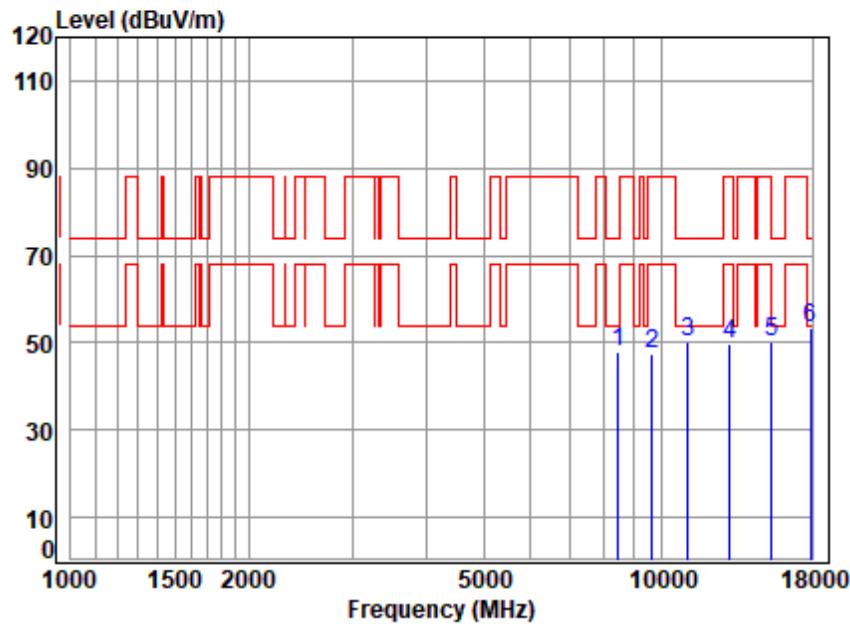
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7966.832	12.46	37.73	55.93	52.45	46.71	88.20	-41.49 Peak
2	8995.123	12.38	38.59	55.00	51.55	47.52	88.20	-40.68 peak
3	11012.250	14.09	39.41	53.50	50.44	50.44	74.00	-23.56 peak
4	13030.000	15.39	40.30	54.50	46.35	47.54	88.20	-40.66 peak
5	15134.080	16.70	38.73	54.26	47.81	48.98	88.20	-39.22 peak
6	pp17896.250	19.26	43.08	54.48	45.46	53.32	74.00	-20.68 peak



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Test Mode: 29; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6535 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8440.945	12.24	38.44	55.50	52.92	48.10	74.00 -25.90 peak
2	9641.257	12.72	38.72	54.42	50.63	47.65	88.20 -40.55 peak
3	11108.160	14.25	39.51	53.53	49.85	50.08	74.00 -23.92 peak
4	13070.000	15.42	40.30	54.49	48.59	49.82	88.20 -38.38 peak
5	15398.830	17.93	38.60	54.18	47.87	50.22	74.00 -23.78 peak
6	pp17896.250	19.26	43.08	54.48	45.44	53.30	74.00 -20.70 peak

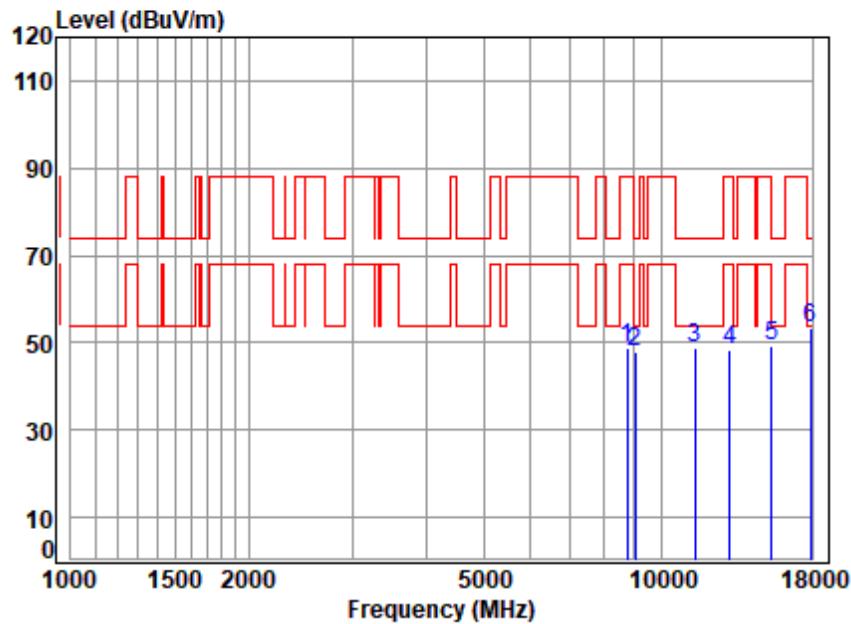
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Services Co., Ltd. Laboratory.

Test Mode: 29; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6535 TX RSE

: Wi-Fi 6E 11a

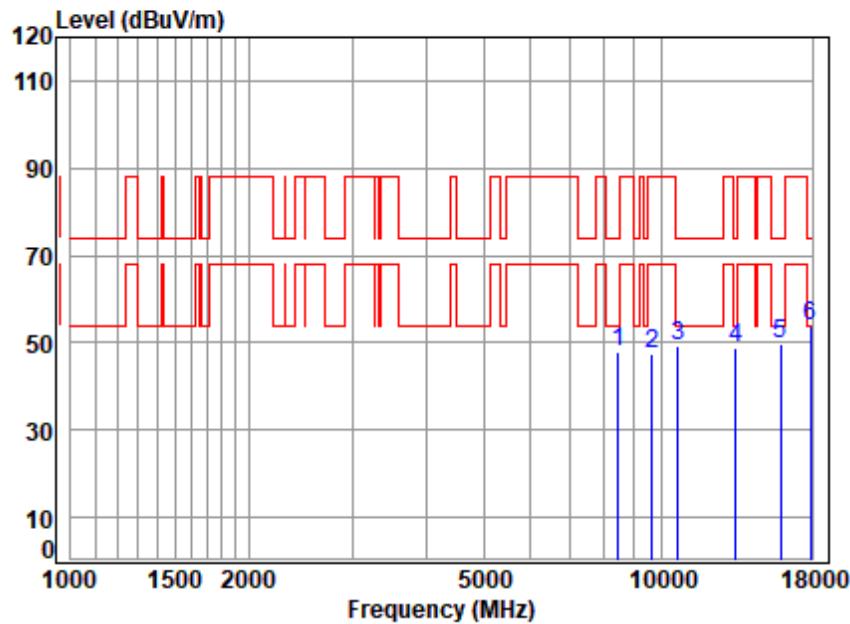
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8738.852	12.45	38.52	55.24	53.27	49.00	88.20 -39.20 peak
2	9047.272	12.32	38.60	54.96	51.81	47.77	74.00 -26.23 peak
3	11400.910	14.30	39.70	53.62	48.60	48.98	74.00 -25.02 peak
4	13070.000	15.42	40.30	54.49	47.12	48.35	88.20 -39.85 peak
5	15398.830	17.93	38.60	54.18	46.82	49.17	74.00 -24.83 peak
6	pp17896.250	19.26	43.08	54.48	45.31	53.17	74.00 -20.83 peak

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Test Mode: 29; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



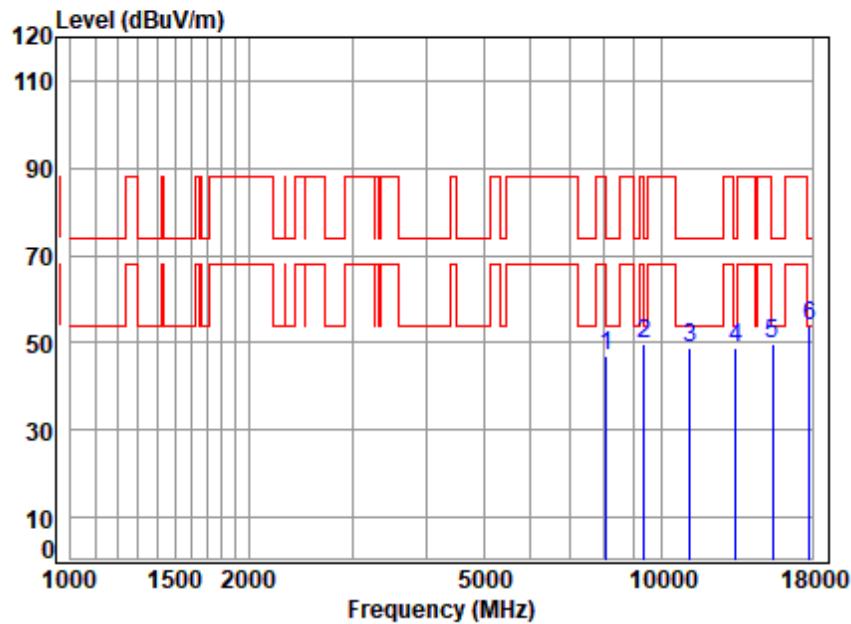
Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6695 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark		
	MHz	Loss	Factor	Factor	Level	Level	Line	Limit	
1	8465.379	12.45	38.37	55.48	52.61	47.95	74.00	-26.05	peak
2	9641.257	12.72	38.72	54.42	50.34	47.36	88.20	-40.84	peak
3	10667.640	13.61	39.37	53.70	49.82	49.10	74.00	-24.90	peak
4	13390.000	15.69	40.30	54.46	47.34	48.87	74.00	-25.13	peak
5	15896.290	17.90	38.69	54.03	46.95	49.51	74.00	-24.49	peak
6	pp17896.250	19.26	43.08	54.48	46.07	53.93	74.00	-20.07	peak

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Test Mode: 29; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

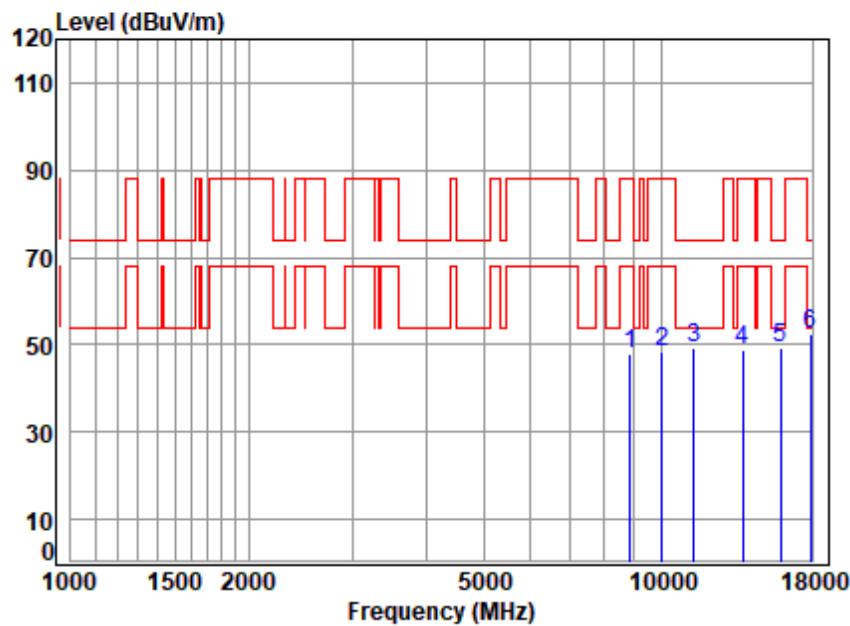
Mode : 6695 TX RSE

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	8059.475	12.00	37.80	55.85	53.23	47.18	74.00	-26.82 Peak
2	9366.577	12.37	38.80	54.67	53.04	49.54	74.00	-24.46 Peak
3	11172.560	14.29	39.57	53.55	48.69	49.00	74.00	-25.00 peak
4	13390.000	15.69	40.30	54.46	47.36	48.89	74.00	-25.11 peak
5	15443.410	17.70	38.60	54.17	47.63	49.76	74.00	-24.24 peak
6	pp17793.090	19.13	42.45	54.46	46.52	53.64	74.00	-20.36 peak

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Test Mode: 29; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6855 TX RSE

: Wi-Fi 6E 11a

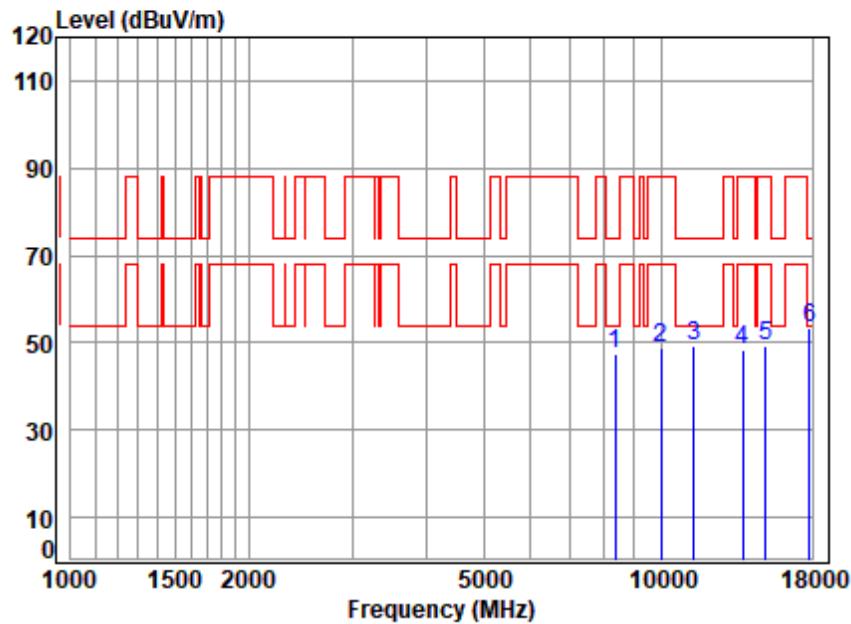
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8866.062	12.55	38.53	55.12	51.99	47.95	88.20 -40.25 peak
2	10010.420	12.97	38.92	54.09	50.55	48.35	88.20 -39.85 peak
3	11335.190	14.50	39.70	53.60	48.79	49.39	74.00 -24.61 peak
4	13710.000	16.11	39.99	54.43	47.26	48.93	88.20 -39.27 peak
5	15942.300	17.65	38.66	54.02	47.12	49.41	74.00 -24.59 peak
6	pp17896.250	19.26	43.08	54.48	44.48	52.34	74.00 -21.66 peak

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 29; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6855 TX RSE

: Wi-Fi 6E 11a

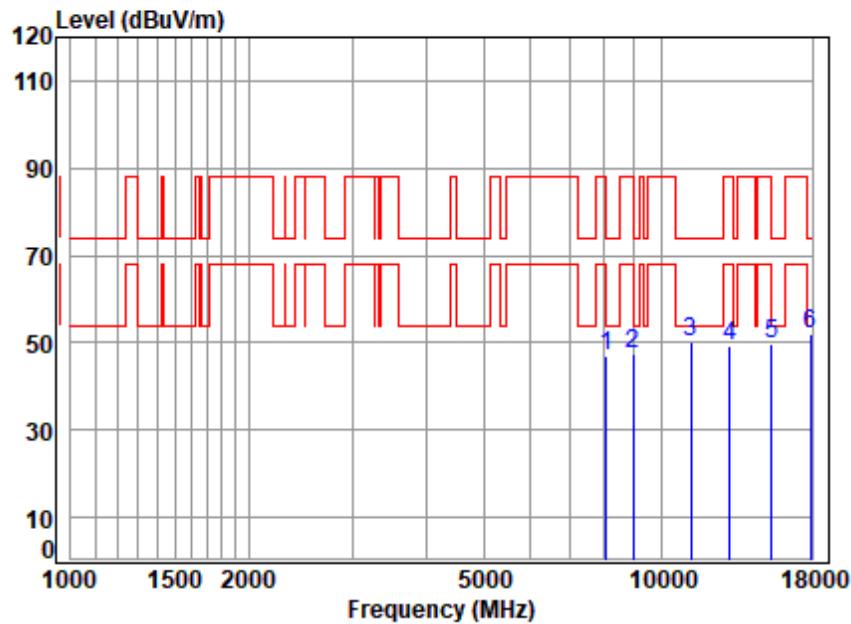
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8343.918	11.96	38.60	55.59	52.43	47.40	74.00 -26.60 peak
2	9981.525	12.93	38.90	54.12	50.99	48.70	88.20 -39.50 peak
3	11335.190	14.50	39.70	53.60	48.54	49.14	74.00 -24.86 peak
4	13710.000	16.11	39.99	54.43	46.72	48.39	88.20 -39.81 peak
5	15046.850	16.63	38.75	54.29	48.01	49.10	88.20 -39.10 peak
6	pp17844.590	19.19	42.77	54.47	46.04	53.53	74.00 -20.47 peak

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Test Mode: 29; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6535 TX RSE

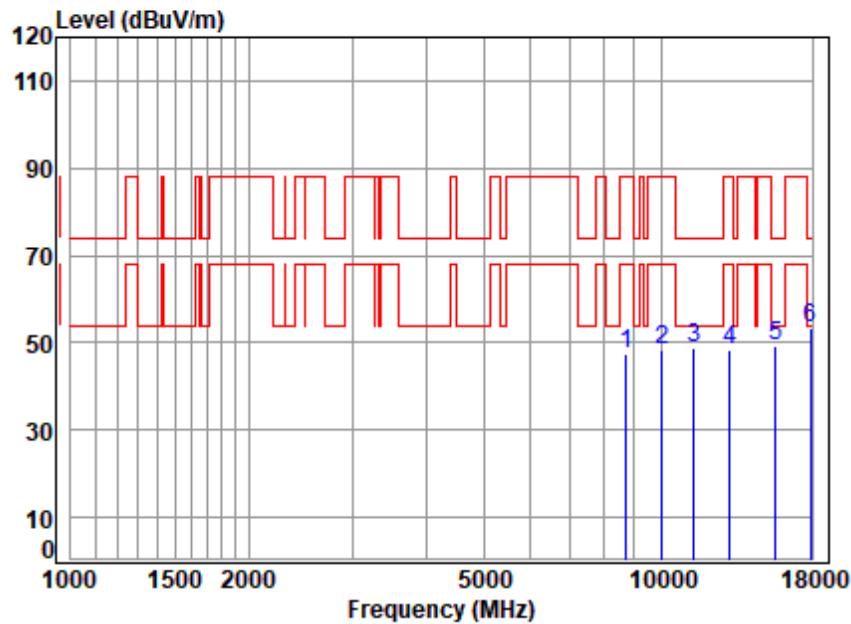
: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8082.804	11.90	37.80	55.83	53.02	46.89	74.00	-27.11 Peak
2	8969.161	12.44	38.54	55.03	51.56	47.51	88.20	-40.69 peak
3	11204.900	14.32	39.60	53.56	49.69	50.05	74.00	-23.95 peak
4	13070.000	15.42	40.30	54.49	48.04	49.27	88.20	-38.93 peak
5	15398.830	17.93	38.60	54.18	47.18	49.53	74.00	-24.47 peak
6	pp17896.250	19.26	43.08	54.48	44.27	52.13	74.00	-21.87 peak

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Test Mode: 29; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6535 TX RSE

: Wi-Fi 6E 11ax20

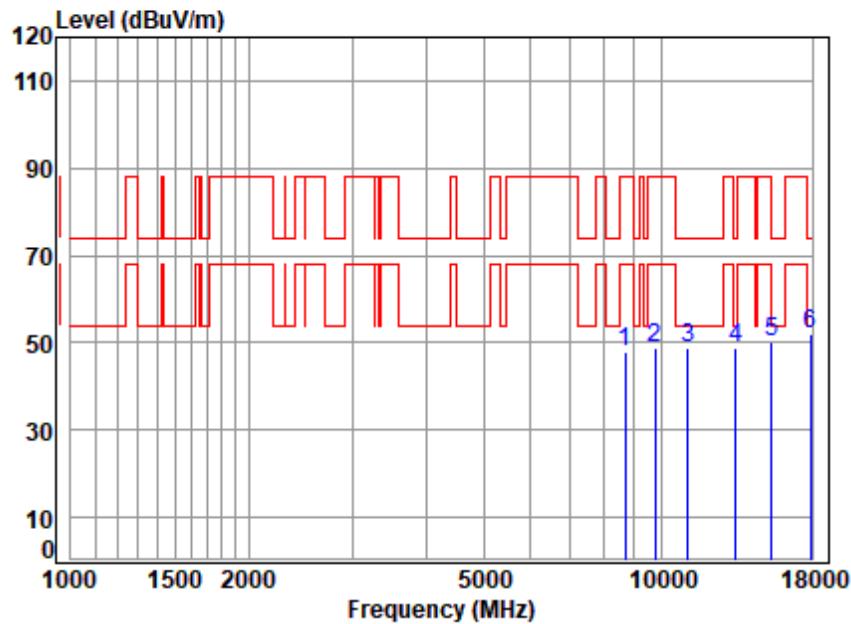
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8713.630	12.45	38.57	55.26	51.88	47.64	88.20	-40.56 peak
2	10010.420	12.97	38.92	54.09	50.62	48.42	88.20	-39.78 peak
3	11368.000	14.40	39.70	53.61	48.37	48.86	74.00	-25.14 peak
4	13070.000	15.42	40.30	54.49	47.10	48.33	88.20	-39.87 peak
5	15622.990	17.11	38.52	54.11	47.54	49.06	74.00	-24.94 peak
6	pp17896.250	19.26	43.08	54.48	45.42	53.28	74.00	-20.72 peak

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Test Mode: 29; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6695 TX RSE

: Wi-Fi 6E 11ax20

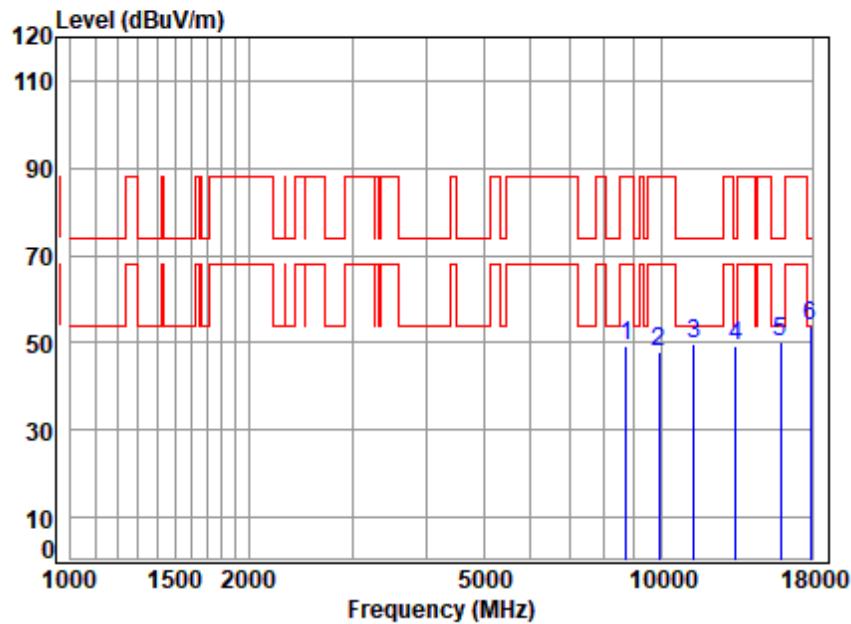
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Freq	Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8688.480	12.44	38.55	55.28	52.18	47.89	88.20	-40.31 peak
2	9753.371	12.93	38.60	54.32	51.42	48.63	88.20	-39.57 peak
3	11108.160	14.25	39.51	53.53	48.69	48.92	74.00	-25.08 peak
4	13390.000	15.69	40.30	54.46	47.38	48.91	74.00	-25.09 peak
5	15398.830	17.93	38.60	54.18	47.83	50.18	74.00	-23.82 peak
6	pp17896.250	19.26	43.08	54.48	44.36	52.22	74.00	-21.78 peak

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Test Mode: 29; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6695 TX RSE

: Wi-Fi 6E 11ax20

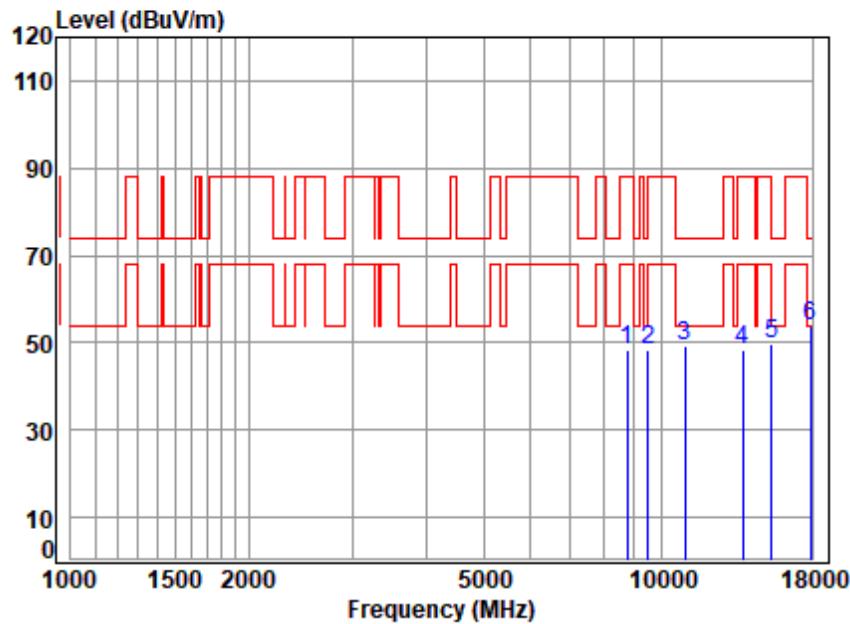
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8713.630	12.45	38.57	55.26	53.36	49.12	88.20 -39.08 peak
2	9895.349	12.82	38.80	54.19	50.29	47.72	88.20 -40.48 peak
3	11368.000	14.40	39.70	53.61	49.44	49.93	74.00 -24.07 peak
4	13390.000	15.69	40.30	54.46	47.97	49.50	74.00 -24.50 peak
5	15942.300	17.65	38.66	54.02	47.71	50.00	74.00 -24.00 peak
6	pp17896.250	19.26	43.08	54.48	46.13	53.99	74.00 -20.01 peak

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Shenzhen Branch Inspection & Testing Services Laboratory

Test Mode: 29; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6855 TX RSE

: Wi-Fi 6E 11ax20

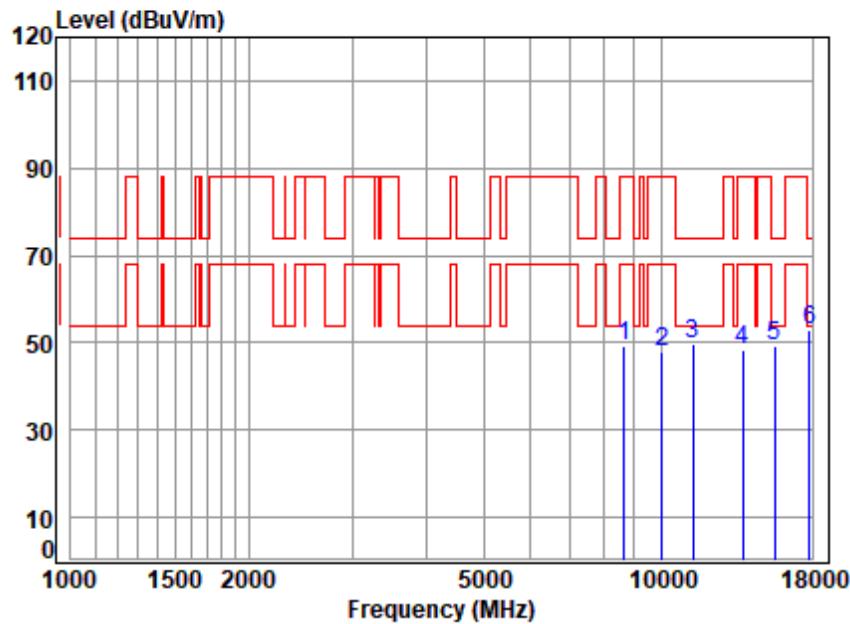
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	MHz	Loss	Factor	Factor	Level	Level	Line	
1	8764.146	12.45	38.50	55.21	52.42	48.16	88.20	-40.04 peak
2	9502.925	12.58	38.89	54.55	51.50	48.42	88.20	-39.78 peak
3	10948.780	13.95	39.35	53.53	49.41	49.18	74.00	-24.82 peak
4	13710.000	16.11	39.99	54.43	46.65	48.32	88.20	-39.88 peak
5	15398.830	17.93	38.60	54.18	47.20	49.55	74.00	-24.45 peak
6	pp17896.250	19.26	43.08	54.48	45.80	53.66	74.00	-20.34 peak

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Test Mode: 29; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6855 TX RSE

: Wi-Fi 6E 11ax20

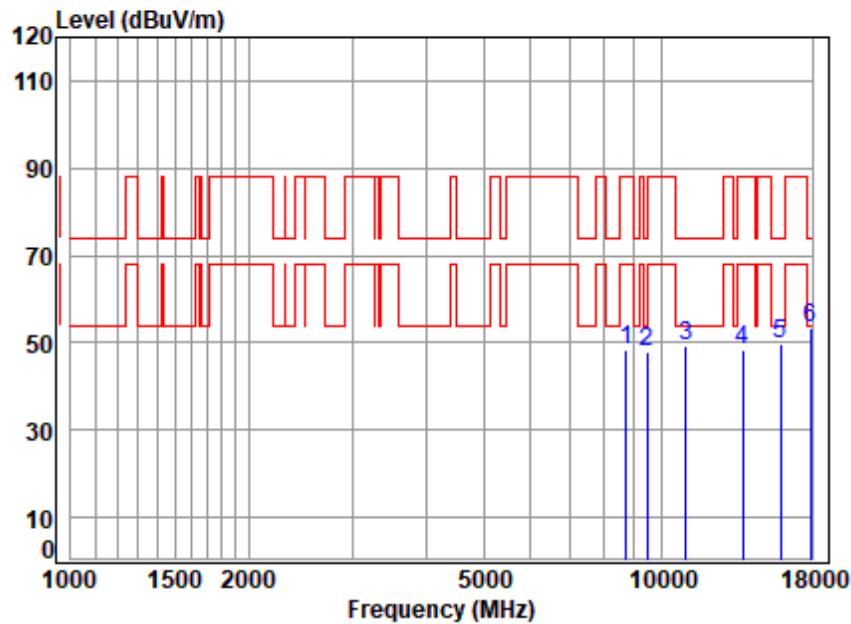
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8663.404	12.41	38.45	55.30	53.78	49.34	88.20 -38.86 peak
2	10010.420	12.97	38.92	54.09	50.04	47.84	88.20 -40.36 peak
3	11302.480	14.60	39.70	53.59	49.17	49.88	74.00 -24.12 peak
4	13710.000	16.11	39.99	54.43	46.74	48.41	88.20 -39.79 peak
5	15577.900	17.14	38.52	54.13	47.96	49.49	74.00 -24.51 peak
6	pp17844.590	19.19	42.77	54.47	45.60	53.09	74.00 -20.91 peak

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6875 TX RSE

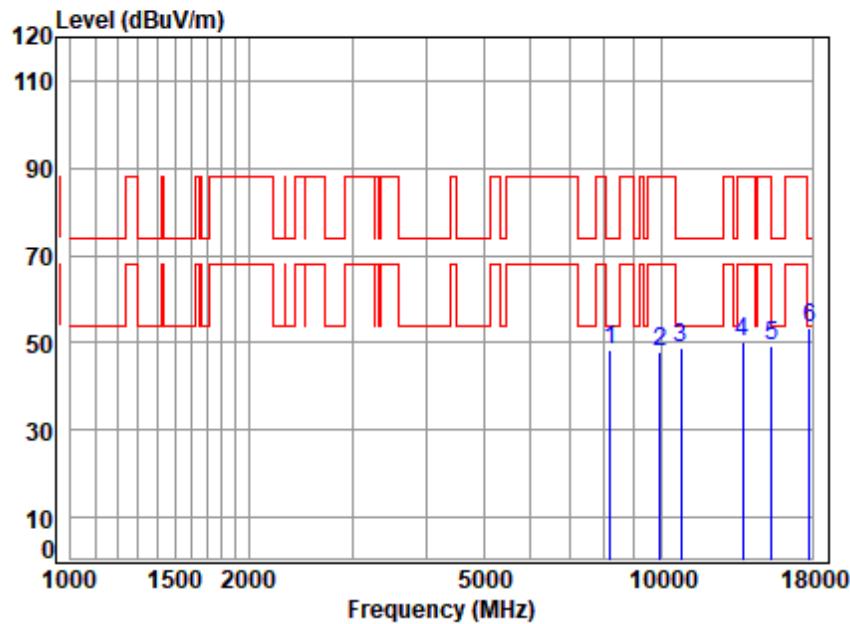
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8713.630	12.45	38.57	55.26	52.39	48.15	88.20	-40.05 peak
2	9448.149	12.47	38.80	54.60	51.09	47.76	74.00	-26.24 peak
3	11012.250	14.09	39.41	53.50	49.37	49.37	74.00	-24.63 peak
4	13750.000	15.89	39.95	54.43	47.02	48.43	88.20	-39.77 peak
5	15942.300	17.65	38.66	54.02	47.53	49.82	74.00	-24.18 peak
6	pp17896.250	19.26	43.08	54.48	45.37	53.23	74.00	-20.77 peak



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Test Mode: 31; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6875 TX RSE

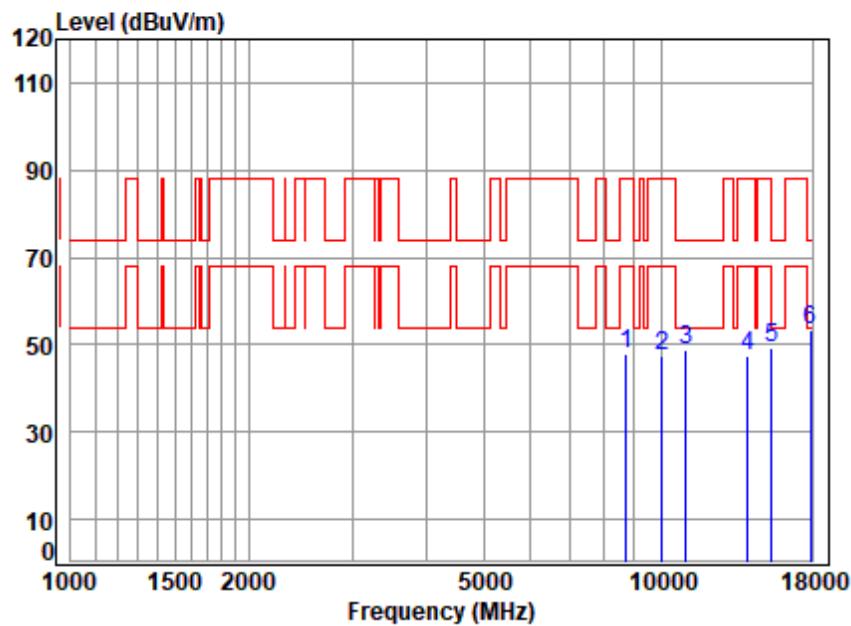
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8200.463	11.88	38.00	55.72	54.22	48.38	74.00 -25.62 peak
2	9952.717	12.89	38.90	54.14	50.16	47.81	88.20 -40.39 peak
3	10791.690	13.51	39.31	53.62	49.78	48.98	74.00 -25.02 peak
4	13750.000	15.89	39.95	54.43	48.90	50.31	88.20 -37.89 peak
5	15398.830	17.93	38.60	54.18	46.81	49.16	74.00 -24.84 peak
6	pp17844.590	19.19	42.77	54.47	45.75	53.24	74.00 -20.76 peak

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



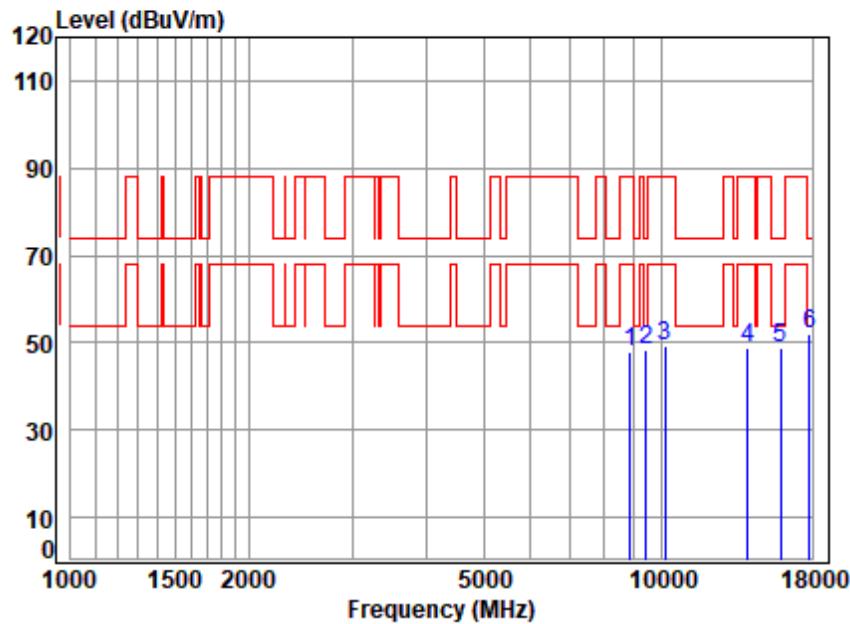
Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 6995 TX RSE
: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8713.630	12.45	38.57	55.26	52.32	48.08	88.20 -40.12 peak
2	10010.420	12.97	38.92	54.09	49.84	47.64	88.20 -40.56 peak
3	11012.250	14.09	39.41	53.50	48.86	48.86	74.00 -25.14 peak
4	13990.000	16.42	39.90	54.40	45.67	47.59	88.20 -40.61 peak
5	15398.830	17.93	38.60	54.18	46.81	49.16	74.00 -24.84 peak
6	pp17896.250	19.26	43.08	54.48	45.38	53.24	74.00 -20.76 peak

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Test Mode: 31; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6995 TX RSE

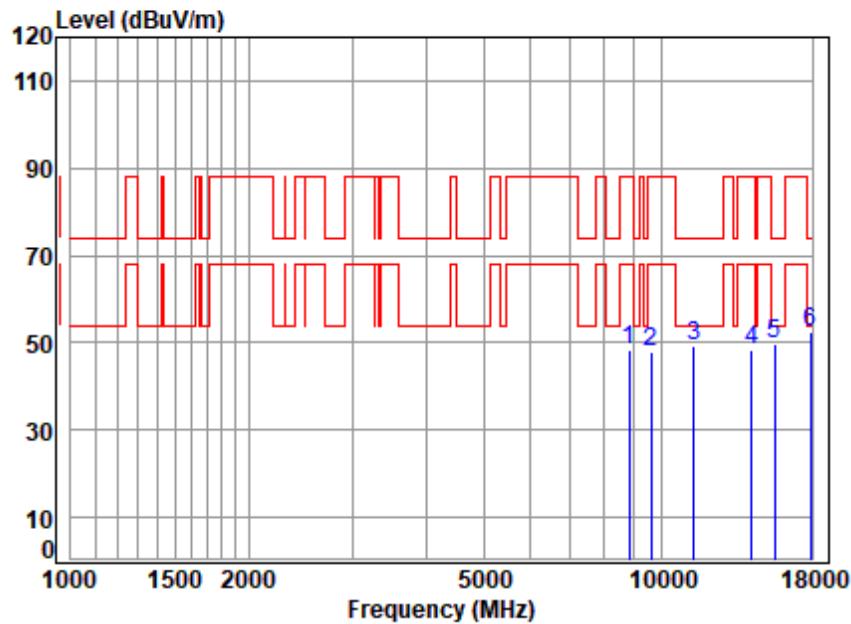
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8866.062	12.55	38.53	55.12	51.74	47.70	88.20 -40.50 peak
2	9420.880	12.41	38.80	54.62	51.56	48.15	74.00 -25.85 peak
3	10126.820	13.01	39.10	54.02	51.26	49.35	88.20 -38.85 peak
4	13990.000	16.42	39.90	54.40	46.95	48.87	88.20 -39.33 peak
5	15942.300	17.65	38.66	54.02	46.73	49.02	74.00 -24.98 peak
6	pp17844.590	19.19	42.77	54.47	44.64	52.13	74.00 -21.87 peak

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL
Job No : 01803AT/01804AT
Mode : 7115 TX RSE
: Wi-Fi 6E 11a

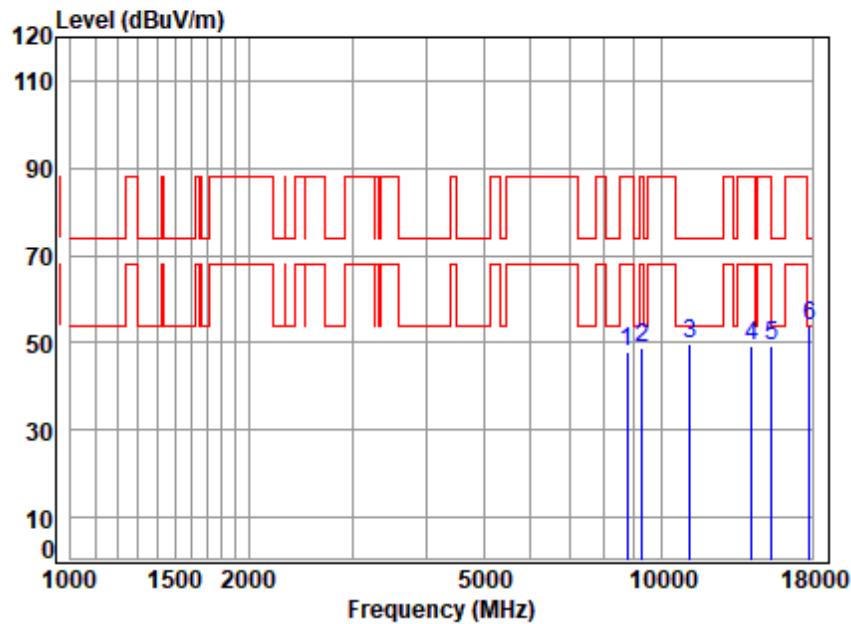
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8814.957	12.47	38.50	55.17	52.51	48.31	88.20 -39.89 peak
2	9613.430	12.63	38.77	54.45	51.06	48.01	88.20 -40.19 peak
3	11335.190	14.50	39.70	53.60	48.59	49.19	74.00 -24.81 peak
4	14230.000	16.31	39.80	54.38	46.69	48.42	88.20 -39.78 peak
5	15532.940	17.28	38.57	54.14	47.99	49.70	74.00 -24.30 peak
6	pp17896.250	19.26	43.08	54.48	44.74	52.60	74.00 -21.40 peak

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Test Mode: 31; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11a

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8738.852	12.45	38.52	55.24	52.26	47.99	88.20 -40.21 peak
2	9285.710	12.37	38.49	54.74	52.62	48.74	88.20 -39.46 peak
3	11172.560	14.29	39.57	53.55	49.43	49.74	74.00 -24.26 peak
4	14230.000	16.31	39.80	54.38	47.72	49.45	88.20 -38.75 peak
5	15398.830	17.93	38.60	54.18	46.96	49.31	74.00 -24.69 peak
6	pp17793.090	19.13	42.45	54.46	46.69	53.81	74.00 -20.19 peak

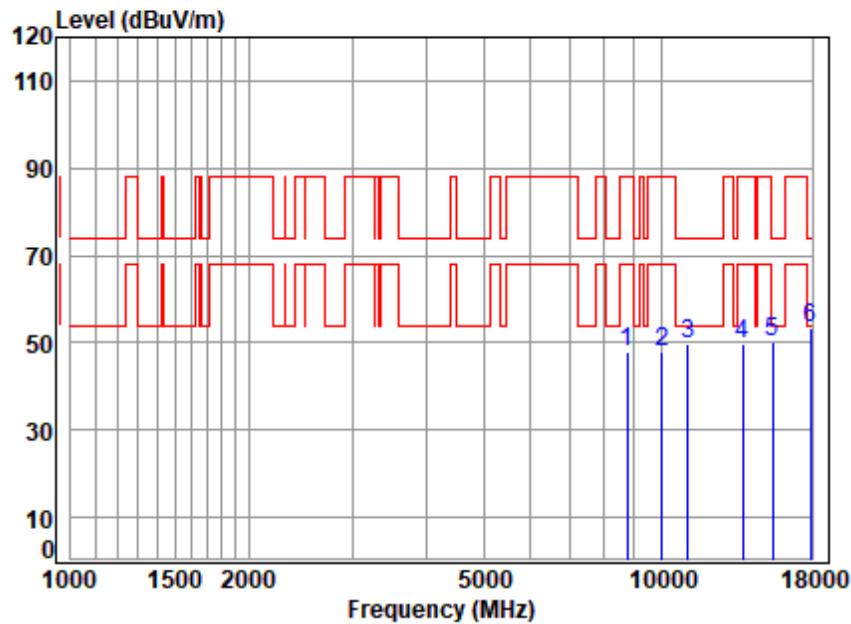
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch is a SGS Laboratory.

Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6875 TX RSE

: Wi-Fi 6E 11ax20

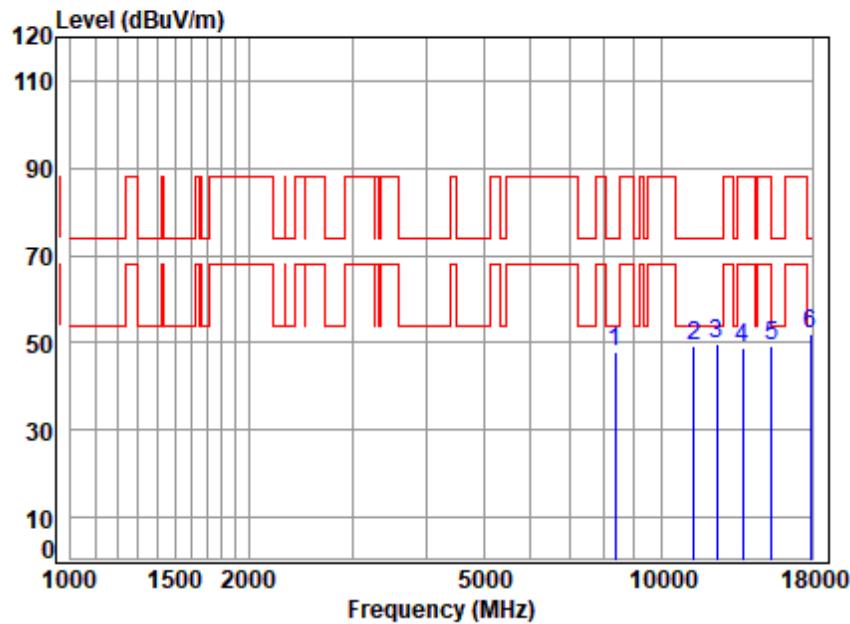
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8738.852	12.45	38.52	55.24	52.22	47.95	88.20 -40.25 peak
2	10010.420	12.97	38.92	54.09	50.24	48.04	88.20 -40.16 peak
3	11108.160	14.25	39.51	53.53	49.36	49.59	74.00 -24.41 peak
4	13750.000	15.89	39.95	54.43	48.17	49.58	88.20 -38.62 peak
5	15443.410	17.70	38.60	54.17	48.00	50.13	74.00 -23.87 peak
6	pp17896.250	19.26	43.08	54.48	45.69	53.55	74.00 -20.45 peak

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6875 TX RSE

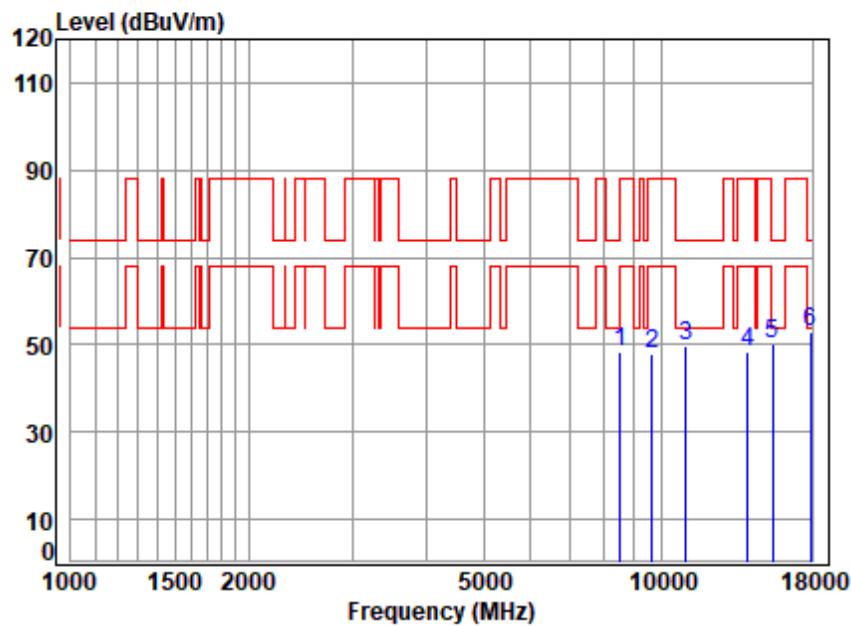
: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8343.918	11.96	38.60	55.59	52.92	47.89	74.00	-26.11 Peak
2	11368.000	14.40	39.70	53.61	48.98	49.47	74.00	-24.53 peak
3	12433.620	14.88	39.90	54.10	49.17	49.85	74.00	-24.15 Peak
4	13750.000	15.89	39.95	54.43	47.38	48.79	88.20	-39.41 peak
5	15398.830	17.93	38.60	54.18	46.78	49.13	74.00	-24.87 peak
6	pp17896.250	19.26	43.08	54.48	44.25	52.11	74.00	-21.89 peak

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Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 6995 TX RSE

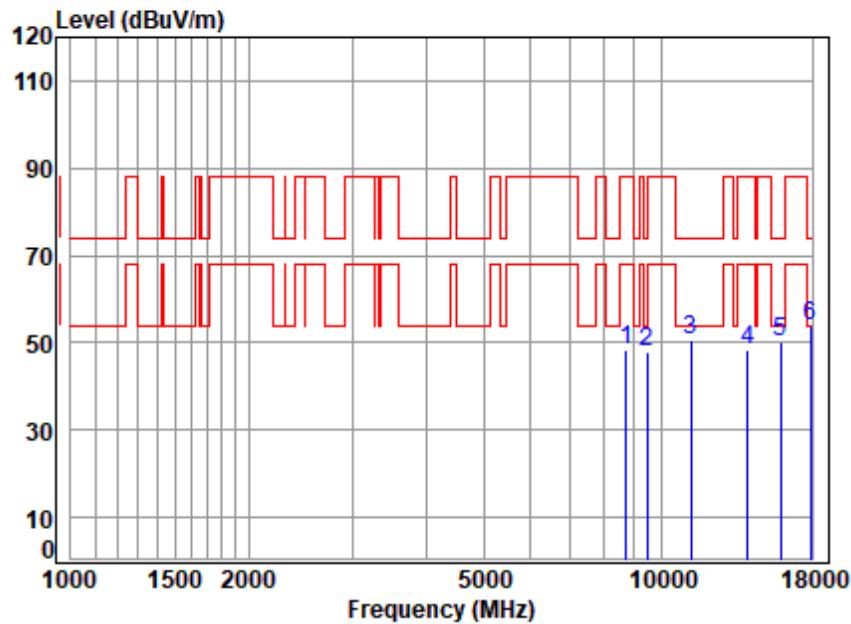
: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8514.456	12.69	38.30	55.44	52.74	48.29	88.20	-39.91 peak
2	9641.257	12.72	38.72	54.42	50.99	48.01	88.20	-40.19 peak
3	11012.250	14.09	39.41	53.50	49.72	49.72	74.00	-24.28 peak
4	13990.000	16.42	39.90	54.40	46.44	48.36	88.20	-39.84 peak
5	15443.410	17.70	38.60	54.17	47.89	50.02	74.00	-23.98 peak
6	pp17896.250	19.26	43.08	54.48	45.21	53.07	74.00	-20.93 peak

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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 6995 TX RSE

: Wi-Fi 6E 11ax20

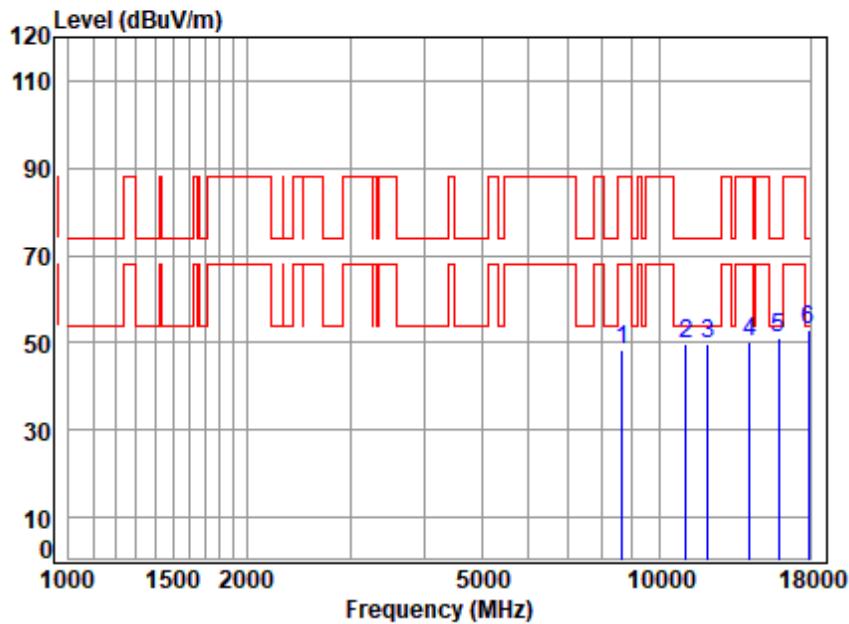
Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	MHz	Loss	Factor	Level	Level	Line	
1	8713.630	12.45	38.57	55.26	52.61	48.37	88.20 -39.83 peak
2	9448.149	12.47	38.80	54.60	51.17	47.84	74.00 -26.16 peak
3	11204.900	14.32	39.60	53.56	50.44	50.80	74.00 -23.20 peak
4	13990.000	16.42	39.90	54.40	46.37	48.29	88.20 -39.91 peak
5	15942.300	17.65	38.66	54.02	47.84	50.13	74.00 -23.87 peak
6	pp17896.250	19.26	43.08	54.48	45.91	53.77	74.00 -20.23 peak

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Shenzhen Branch Inspecting & Testing Laboratory

Test Mode: 31; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01803AT/01804AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11ax20

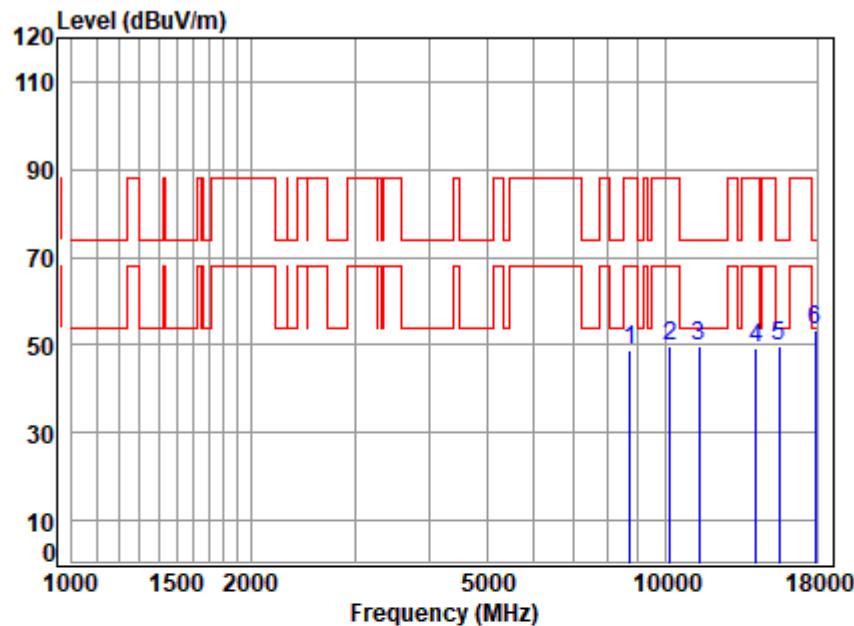
Freq	Cable	Ant	Preamp	Read	Limit		Over	Remark
	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8663.404	12.41	38.45	55.30	52.92	48.48	88.20	-39.72 peak
2	11076.100	14.20	39.48	53.52	49.52	49.68	74.00	-24.32 peak
3	12079.390	14.54	39.72	53.86	49.38	49.78	74.00	-24.22 Peak
4	14230.000	16.31	39.80	54.38	48.67	50.40	88.20	-37.80 peak
5	15942.300	17.65	38.66	54.02	48.61	50.90	74.00	-23.10 peak
6	pp17896.250	19.26	43.08	54.48	44.99	52.85	74.00	-21.15 peak

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Test Mode: 31; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01803AT/01804AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Freq	Loss	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8713.630	12.45	38.57	55.26	52.93	48.69	88.20	-39.51 peak
2 10185.530	12.98	39.10	53.99	51.55	49.64	88.20	-38.56 peak
3 11400.910	14.30	39.70	53.62	49.21	49.59	74.00	-24.41 Peak
4 14230.000	16.31	39.80	54.38	47.72	49.45	88.20	-38.75 peak
5 15577.900	17.14	38.52	54.13	48.42	49.95	74.00	-24.05 peak
6 pp17896.250	19.26	43.08	54.48	45.64	53.50	74.00	-20.50 peak

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