

TEST REPORT

Application No.: SZCR2505002150AT
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):
EUT Name: Rugged Tablet
Model No.: DT311xxxxx (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: 2025-05-26
Date of Test: 2025-05-31 to 2025-06-17
Date of Issue: 2025-07-08

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



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

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-07-08		Original

Authorized for issue by:				
		Edison Li		
		Edison Li/Project Engineer		
		Eric Fu		
		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 C63.10-2020 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 C63.10-2020 Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020 Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10-2020 Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
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
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

Remark:

Model No.: DT311xxxxx (x=0-9, A-Z, - or null, or ., or /)

Only the model DT311YA 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..

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 DT311YA 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-006-60K(3ICP9/36/115) Rated Capacity: 5400mAh Voltage: 11.4VDC Watt-Hour: 61.56Wh 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(20MHz)	5180-5240	4
		802.11n/ax/be(40MHz)	5190-5230	2
		802.11ac/ax/be(80MHz)	5210	1
		802.11ac/ax/be(160MHz)	5250	1
	UNII Band II-A	802.11a/n/ax/be(20MHz)	5260-5320	4
		802.11n/ax/be(40MHz)	5270-5310	2
		802.11ac/ax/be(80MHz)	5290	1
	UNII Band II-C	802.11a/n/ax/be(20MHz)	5500-5720	12
		802.11n/ax/be(40MHz)	5510-5710	6
		802.11ac/ax/be(80MHz)	5530-5690	3
		802.11ac/ax/be(160MHz)	5570	1
	UNII Band III	802.11a/n/ax/be(20MHz)	5745-5825	5
		802.11n/ax/be(40MHz)	5755-5795	2
		802.11ac/ax/be(80MHz)	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



	UNII Band 6	802.11ax/be(320MHz)	6105-6265	2
		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
	UNII Band 7	802.11ax/be(320MHz)	6425-6585	2
		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
	UNII Band 8	802.11ax/be(320MHz)	6745	1
		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: 3.9dBi, Antenna2: 3.6dBi @5180MHz~5825MHz Antenna1:2.7dBi, Antenna2: 3.0dBi @5955MHz~7115MHz Note: MIMO for 802.11n/ac/ax/be			

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

4.2 Description of Support Units

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



4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.1\text{dB}$
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (below 1GHz); $\pm 4.6\text{dB}$ (above 1GHz);
Radiated Emissions (Below 1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.	



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4.4 Test Location

All tests were performed at:

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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: 3.9dBi, Antenna2: 3.6dBi @5180MHz~5825MHz; Antenna1:2.7dBi, Antenna2: 3.0dBi @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.

7 Radio Spectrum Matter Test Results

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

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

Test Method: ANSI C63.10-2020 Section 6.2

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

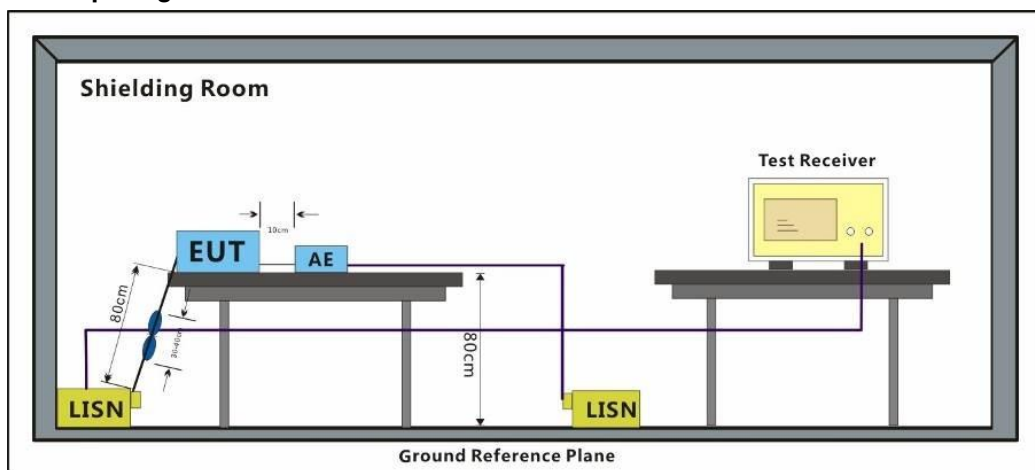
7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	16	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	18	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	20	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE



		802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	22	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	24	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	26	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	30	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

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

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



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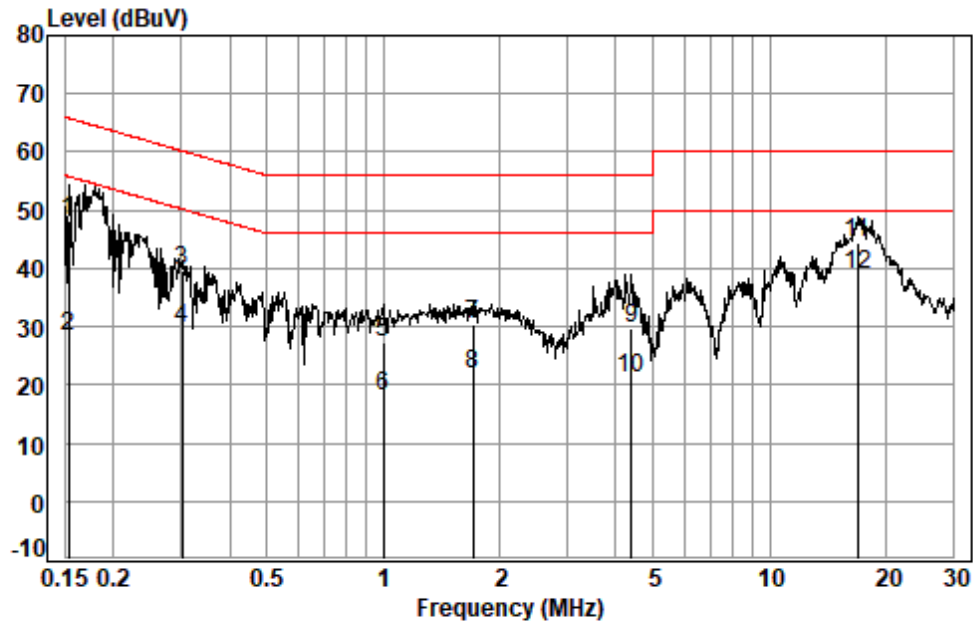
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Test Mode: 16; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 02150AT
Test mode: 16

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1532	0.06	10.19	38.09	48.34	65.82	-17.48	QP
2	0.1532	0.06	10.19	18.13	28.38	55.82	-27.44	Average
3	0.3019	0.07	9.85	29.73	39.65	60.19	-20.54	QP
4	0.3019	0.07	9.85	19.88	29.80	50.19	-20.39	Average
5	0.9997	0.09	9.58	17.55	27.22	56.00	-28.78	QP
6	0.9997	0.09	9.58	8.45	18.12	46.00	-27.88	Average
7	1.7071	0.10	9.58	20.74	30.42	56.00	-25.58	QP
8	1.7071	0.10	9.58	12.04	21.72	46.00	-24.28	Average
9	4.3838	0.12	9.66	20.00	29.78	56.00	-26.22	QP
10	4.3838	0.12	9.66	11.51	21.29	46.00	-24.71	Average
11 *	16.9282	0.28	10.03	33.98	44.29	60.00	-15.71	QP
12 *	16.9282	0.28	10.03	28.71	39.02	50.00	-10.98	Average



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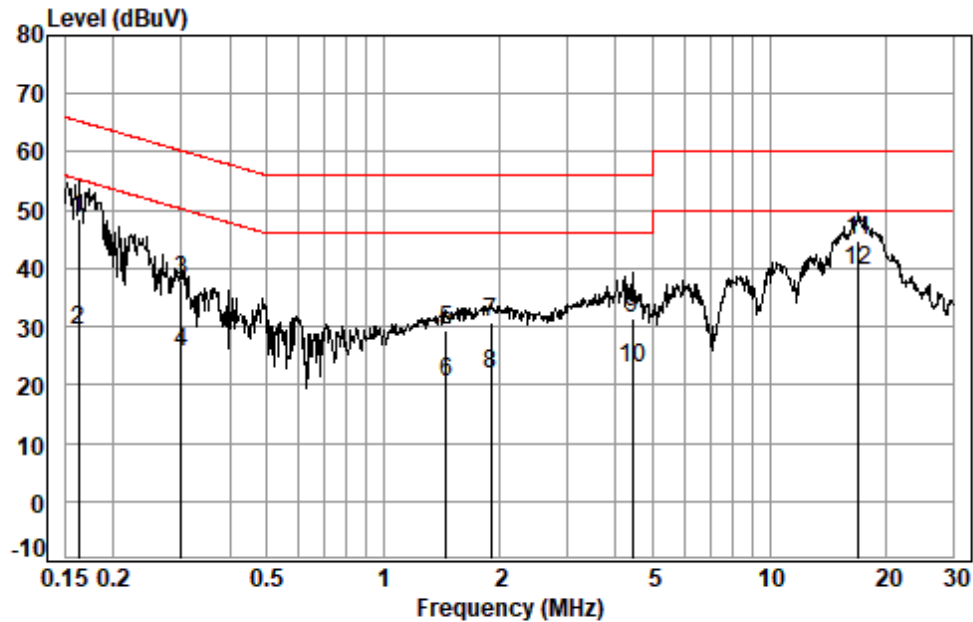
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Test Mode: 16; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 02150AT
Test mode: 16

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1624	0.06	10.13	38.25	48.44	65.34	-16.90	QP
2	0.1624	0.06	10.13	19.30	29.49	55.34	-25.85	Average
3	0.3003	0.07	9.77	28.03	37.87	60.24	-22.37	QP
4	0.3003	0.07	9.77	15.64	25.48	50.24	-24.76	Average
5	1.4562	0.10	9.55	19.68	29.33	56.00	-26.67	QP
6	1.4562	0.10	9.55	10.90	20.55	46.00	-25.45	Average
7	1.8979	0.10	9.55	21.14	30.79	56.00	-25.21	QP
8	1.8979	0.10	9.55	12.13	21.78	46.00	-24.22	Average
9	4.4071	0.12	9.56	21.83	31.51	56.00	-24.49	QP
10	4.4071	0.12	9.56	13.09	22.77	46.00	-23.23	Average
11 *	17.0181	0.28	9.98	34.59	44.85	60.00	-15.15	QP
12 *	17.0181	0.28	9.98	29.40	39.66	50.00	-10.34	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: 22.8 °C Humidity: 43.9 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	23	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Final test	24	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	25	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	26	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.

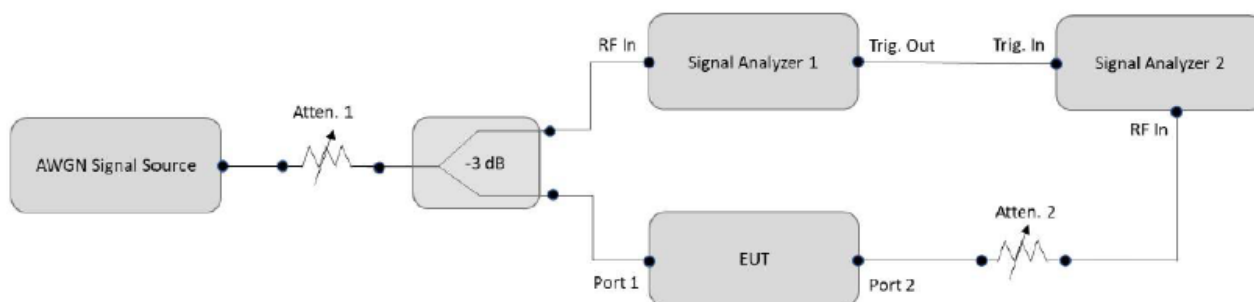


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		is recorded in the report.
Final test	30	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz/320MHz). 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 EUT 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 C63.10-2020 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: 21.9 °C

Humidity: 52.0 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	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



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		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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Final test	16	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	17	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Final test	18	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	19	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Final test	20	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.



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Pre-scan	21	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Final test	22	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	23	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Final test	24	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	25	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	26	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case



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		is recorded in the report.
Final test	30	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.

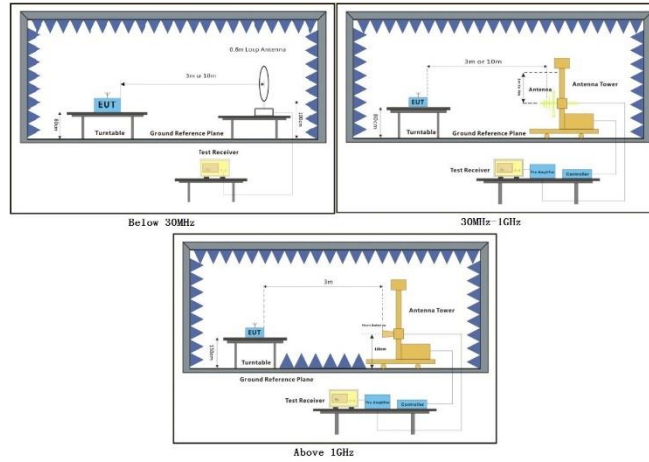


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7.3.3 Test Setup Diagram



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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.

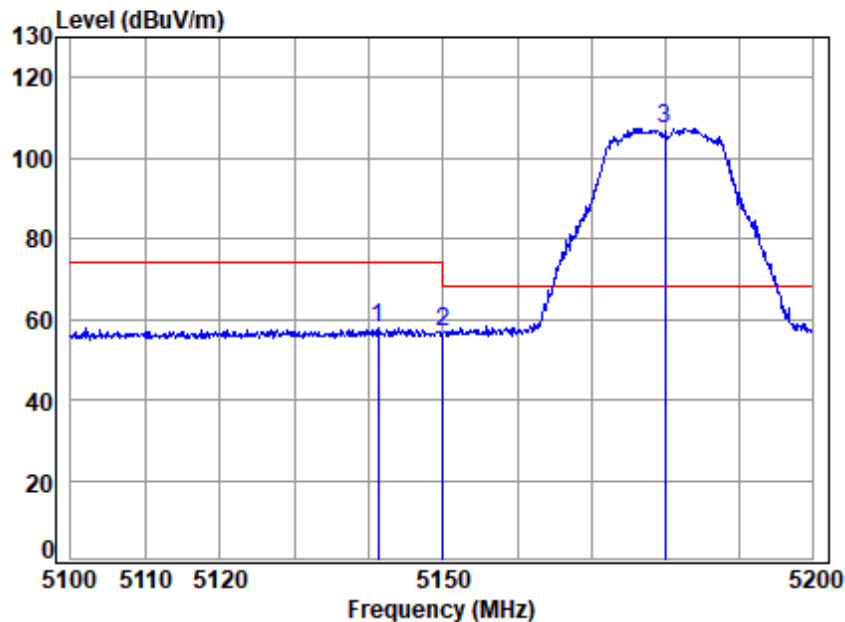
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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.



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

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

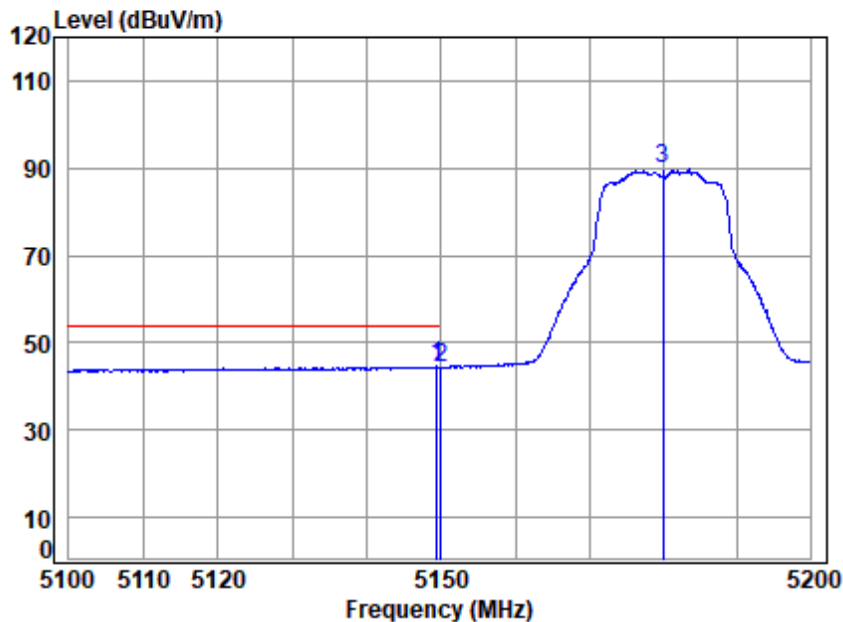
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5141.265	10.11	32.38	30.84	46.00	57.65	74.00	-16.35	peak
2	5149.980	10.14	32.40	30.84	45.16	56.86	74.00	-17.14	peak
3	pp 5180.000	10.25	32.46	30.83	95.59	107.47	68.20	39.27	peak



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Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

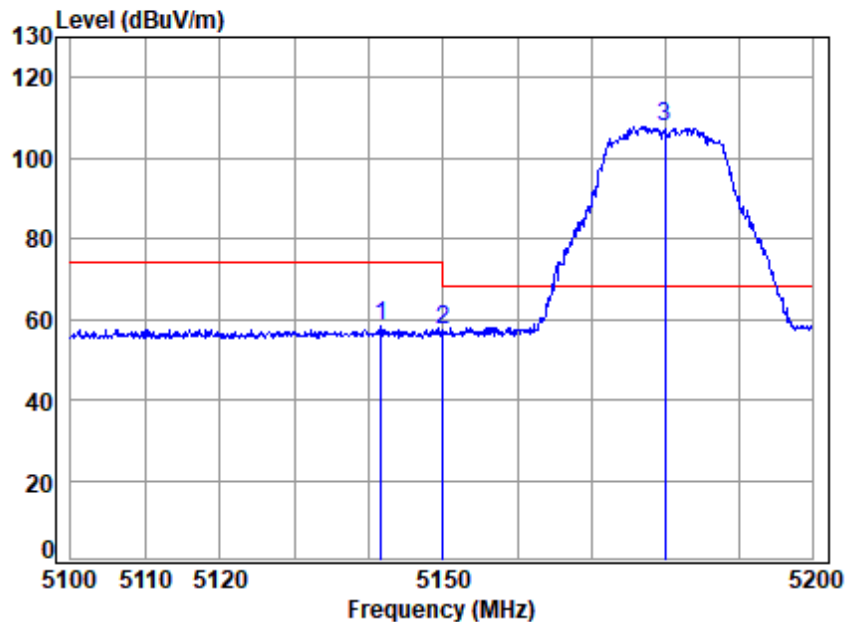
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5149.357	10.14	32.40	30.84	32.82	44.52	54.00	-9.48	Average
2	5149.980	10.14	32.40	30.84	32.69	44.39	54.00	-9.61	Average
3	5180.000	10.25	32.46	30.83	77.78	89.66	-----	-----	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

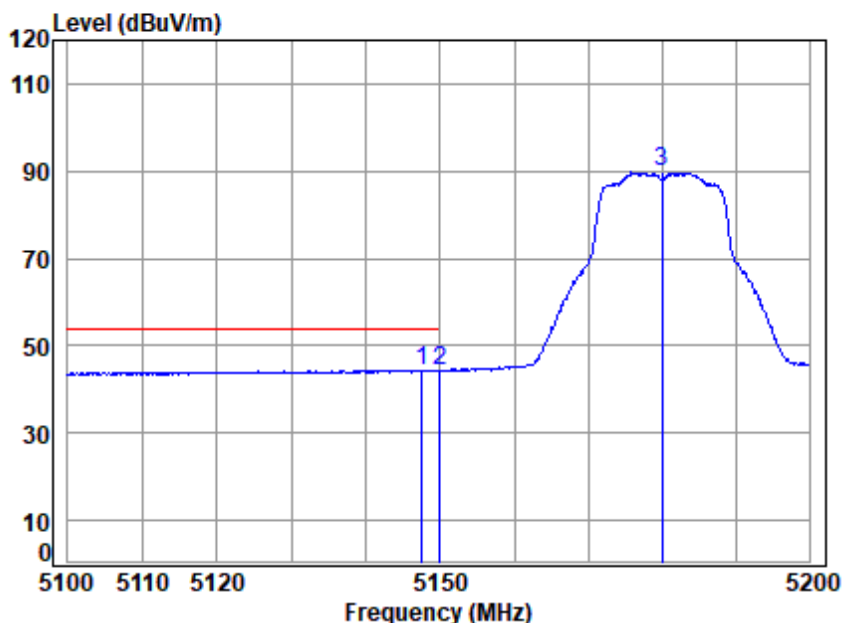
Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5141.664	10.11	32.38	30.84	46.83	58.48	74.00	-15.52	Peak
5149.980	10.14	32.40	30.84	45.43	57.13	74.00	-16.87	Peak
5180.000	10.25	32.46	30.83	96.11	107.99	68.20	39.79	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

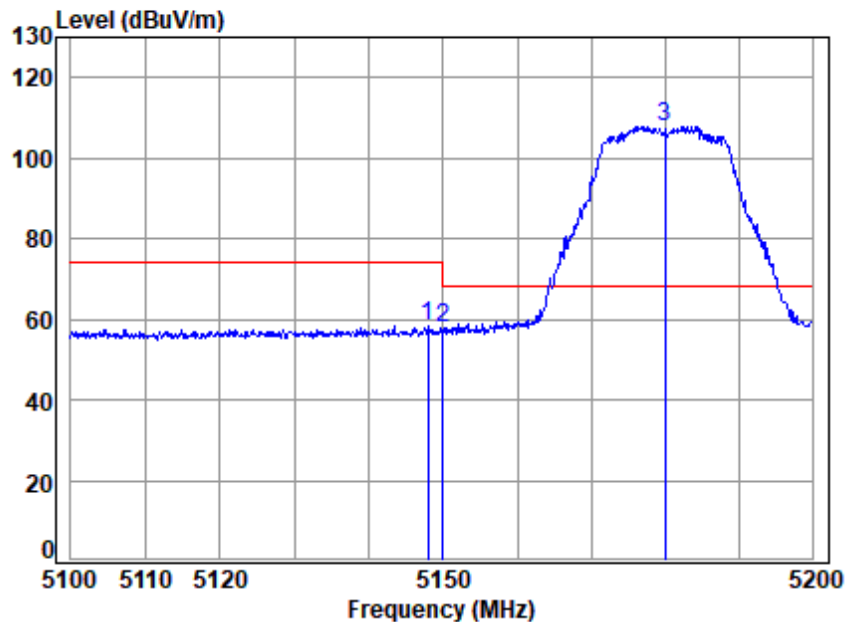
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5147.558	10.13	32.40	30.84	32.76	44.45	54.00	-9.55	Average
2	5149.980	10.14	32.40	30.84	32.70	44.40	54.00	-9.60	Average
3	5180.000	10.25	32.46	30.83	77.78	89.66	-----	-----	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

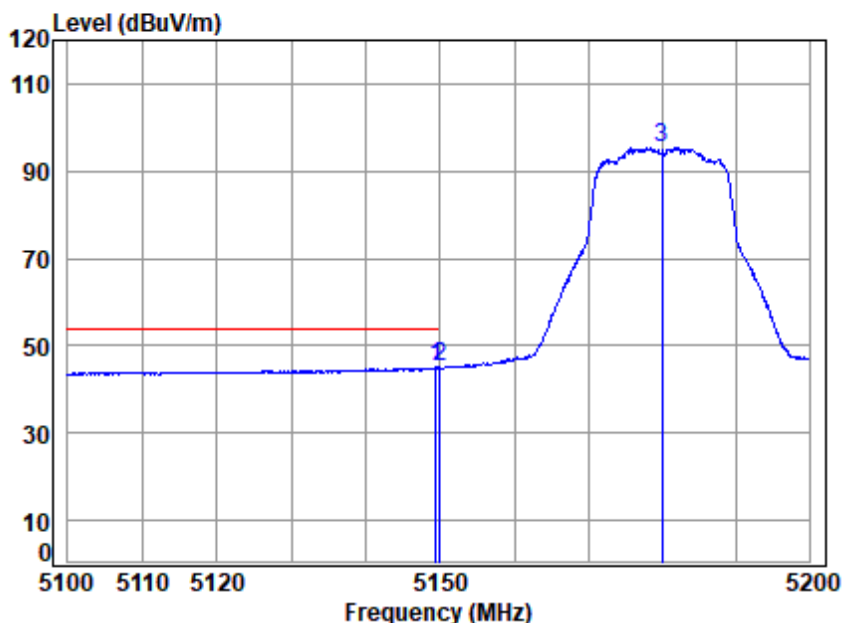
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.958	10.13	32.40	30.84	46.64	58.33	74.00	-15.67	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	96.12	108.00	68.20	39.80	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

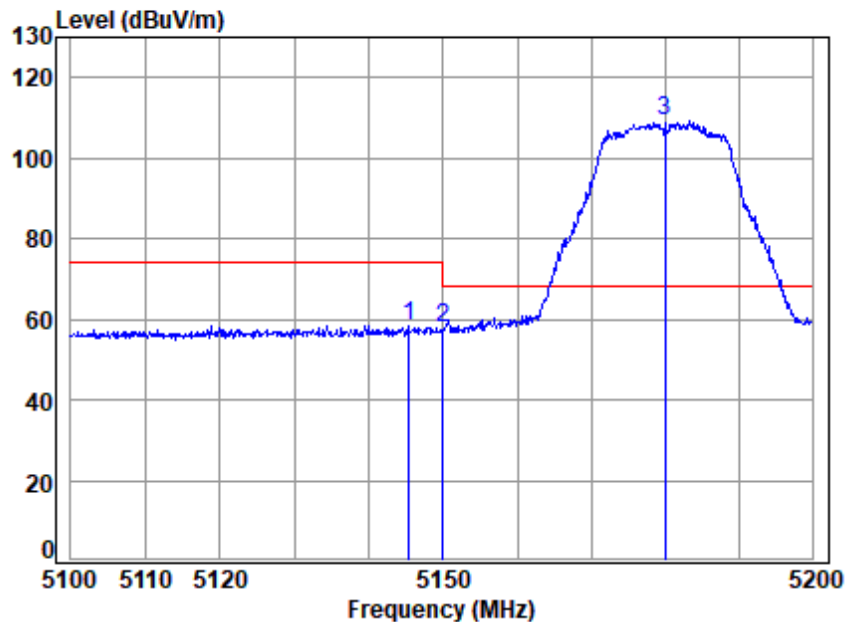
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5149.458	10.14	32.40	30.84	33.33	45.03	54.00	-8.97	Average
2	5149.980	10.14	32.40	30.84	33.28	44.98	54.00	-9.02	Average
3	5180.000	10.25	32.46	30.83	83.39	95.27	-----	-----	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

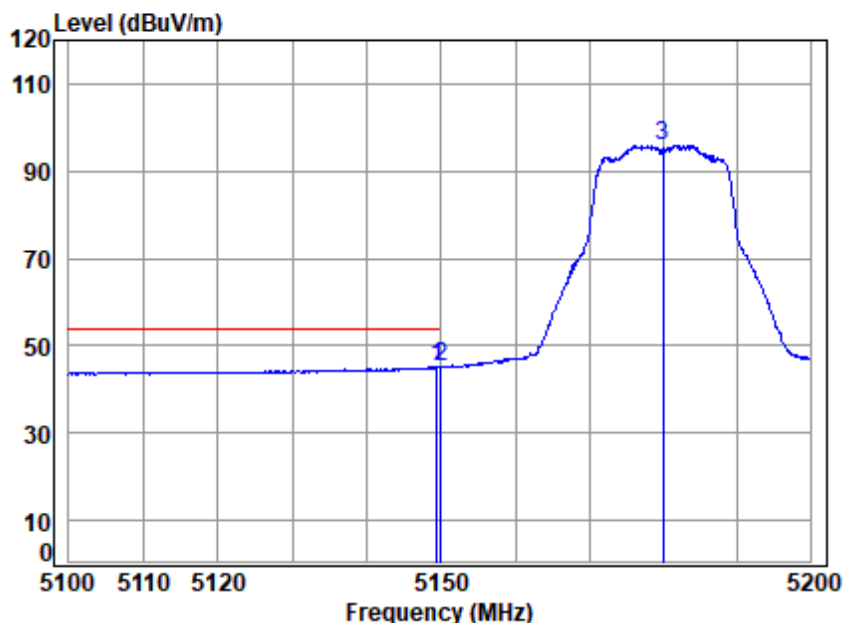
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.359	10.12	32.39	30.84	46.82	58.49	74.00	-15.51	Peak
2	5149.980	10.14	32.40	30.84	46.25	57.95	74.00	-16.05	Peak
3	pp 5180.000	10.25	32.46	30.83	97.28	109.16	68.20	40.96	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

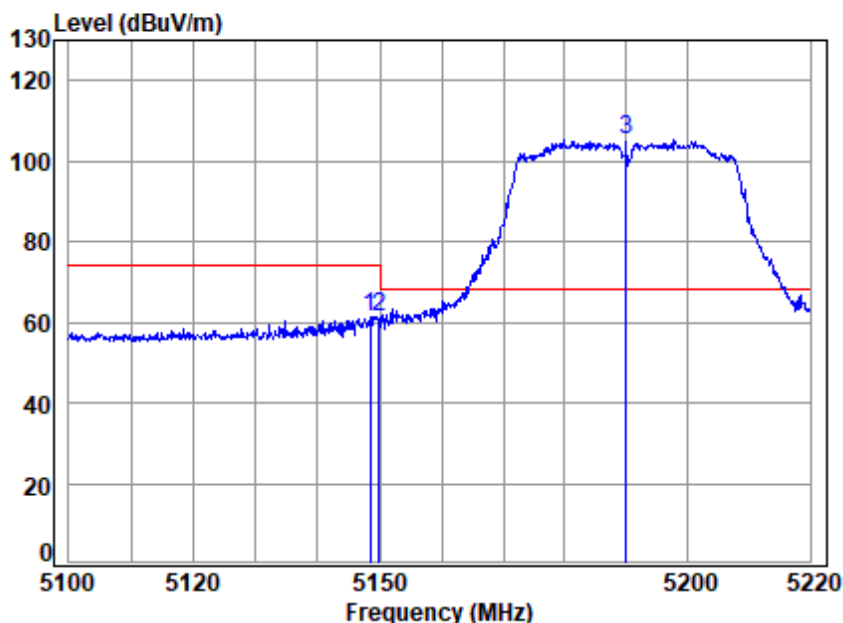
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	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	33.40	45.10	54.00	-8.90	Average
3	5180.000	10.25	32.46	30.83	84.15	96.03	-----	-----	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

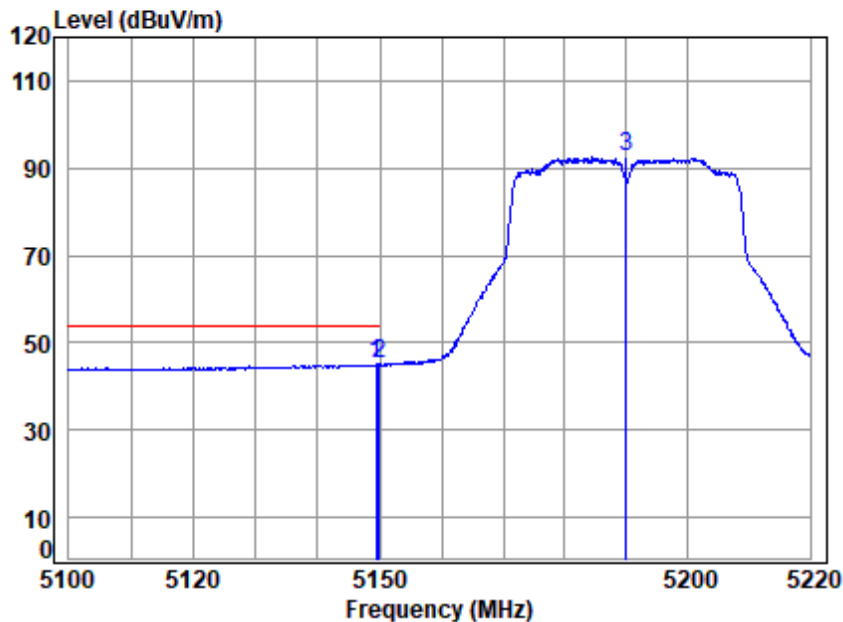
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.384	10.13	32.40	30.84	49.52	61.21	74.00	-12.79	peak
2	5149.980	10.14	32.40	30.84	49.36	61.06	74.00	-12.94	peak
3	pp 5190.000	10.29	32.48	30.82	93.35	105.30	68.20	37.10	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

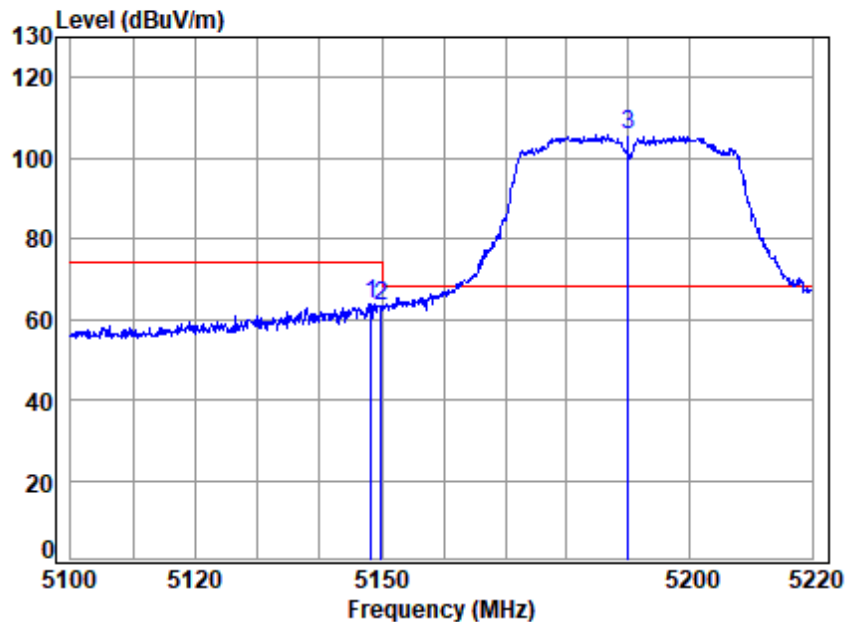
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	10.14	32.40	30.84	33.27	44.97	54.00	-9.03 Average
2 pp	5149.980	10.14	32.40	30.84	33.34	45.04	54.00	-8.96 Average
3	5190.000	10.29	32.48	30.82	80.47	92.42	-----	----- Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

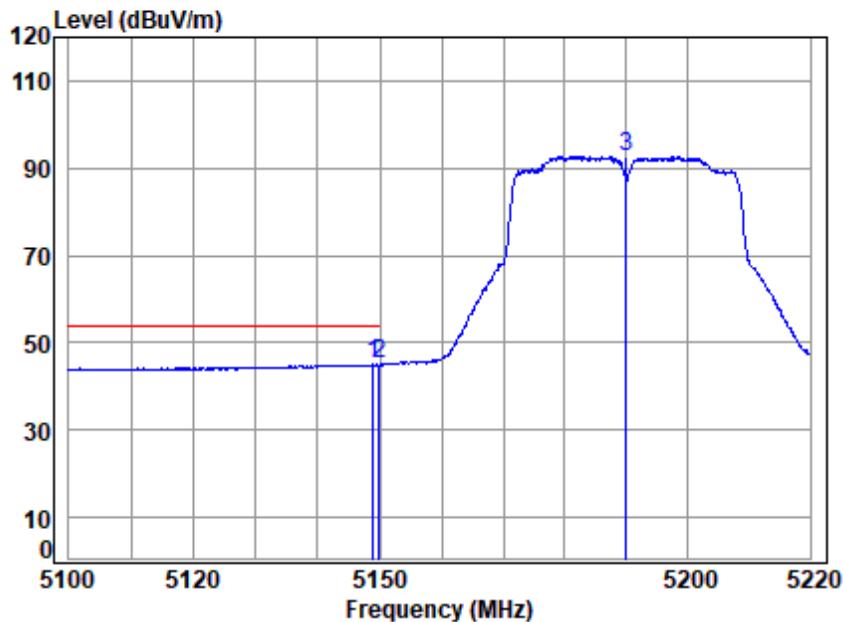
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.264	10.13	32.40	30.84	52.06	63.75	74.00	-10.25	Peak
2	5149.980	10.14	32.40	30.84	51.76	63.46	74.00	-10.54	Peak
3 pp	5190.000	10.29	32.48	30.82	93.75	105.70	68.20	37.50	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

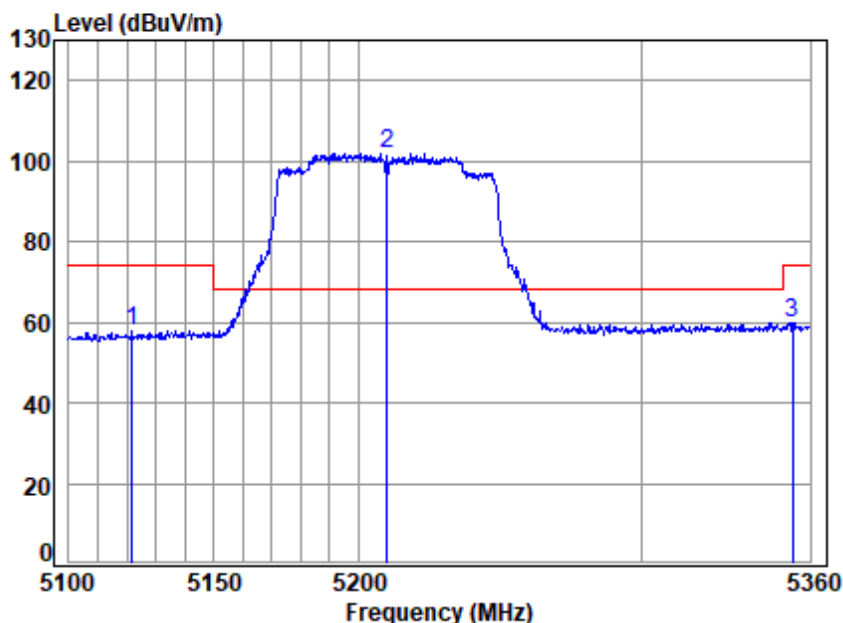
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.863	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	33.65	45.35	54.00	-8.65 Average
3	5190.000	10.29	32.48	30.82	80.82	92.77	-----	----- Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5210 Band edge
: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.601	10.03	32.34	30.85	46.33	57.85	74.00	-16.15	peak
2 pp	5210.000	10.32	32.52	30.82	90.00	102.02	68.20	33.82	peak
3	5353.874	10.46	32.80	30.76	47.48	59.98	74.00	-14.02	peak



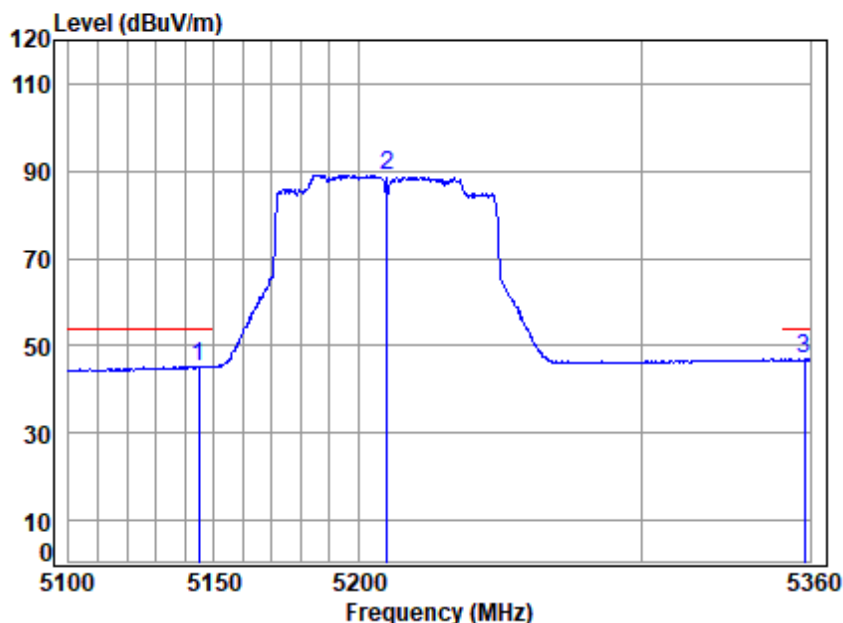
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5144.828	10.12	32.39	30.84	33.66	45.33	54.00	-8.67 Average
2	5210.000	10.32	32.52	30.82	77.16	89.18	-----	----- Average
3 pp	5358.135	10.48	32.80	30.76	34.42	46.94	54.00	-7.06 Average



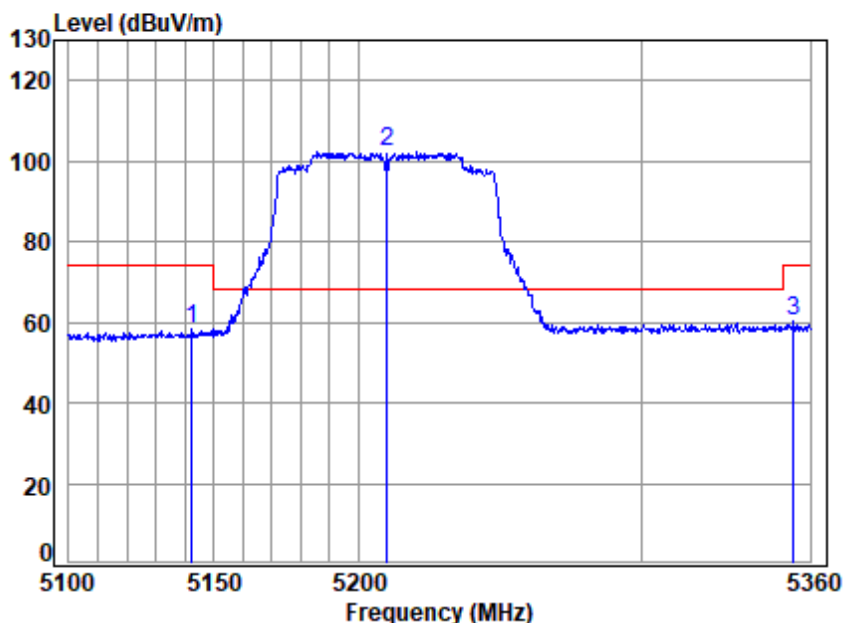
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Shenzhen Branch

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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: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

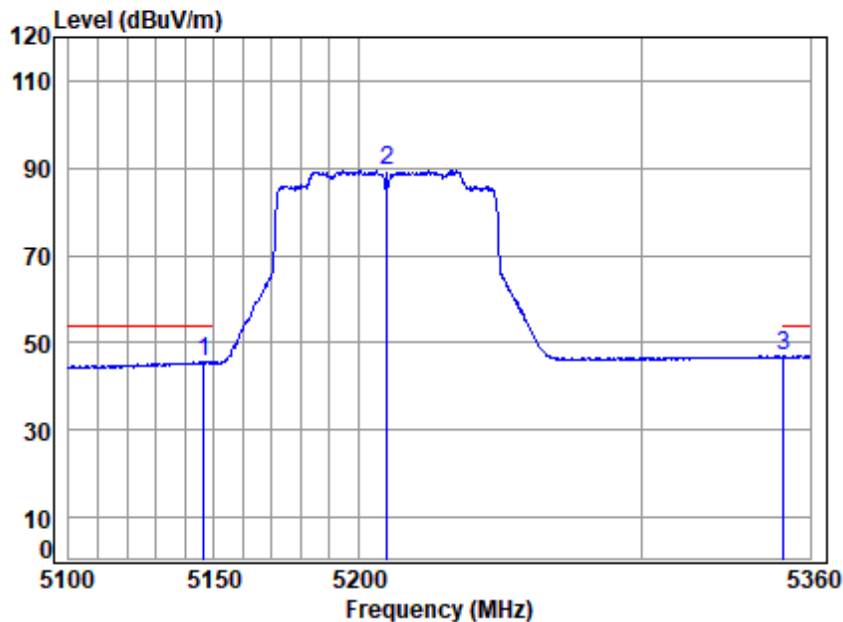
Job No : 02150AT

Mode : 5210 Band edge
: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.270	10.11	32.38	30.84	46.78	58.43	74.00	-15.57	Peak
2 pp	5210.000	10.32	32.52	30.82	90.43	102.45	68.20	34.25	Peak
3	5354.140	10.46	32.80	30.76	47.73	60.23	74.00	-13.77	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

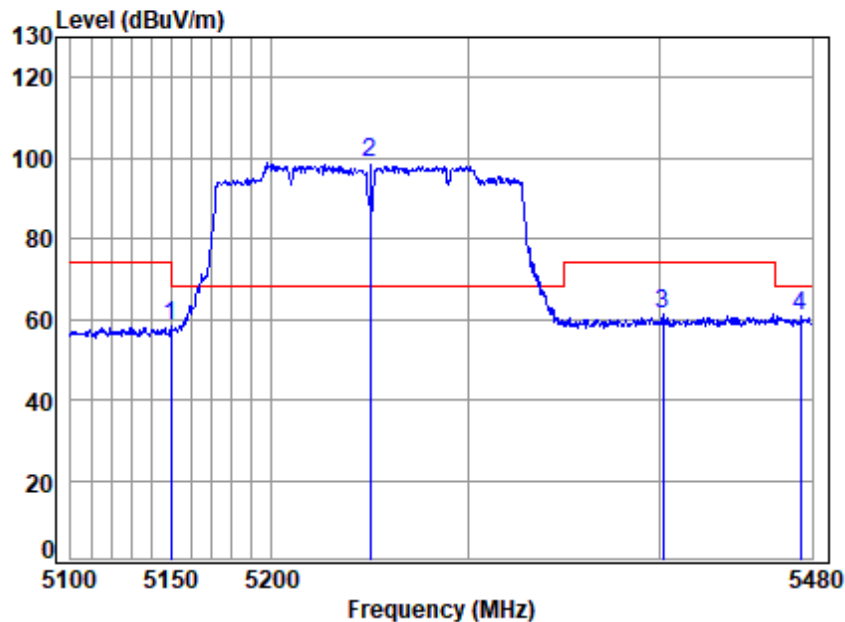
Job No : 02150AT

Mode : 5210 Band edge
: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5146.363	10.13	32.39	30.84	34.01	45.69	54.00	-8.31 Average
2 5210.000	10.32	32.52	30.82	77.56	89.58	-----	----- Average
3 pp 5350.414	10.45	32.80	30.76	34.47	46.96	54.00	-7.04 Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

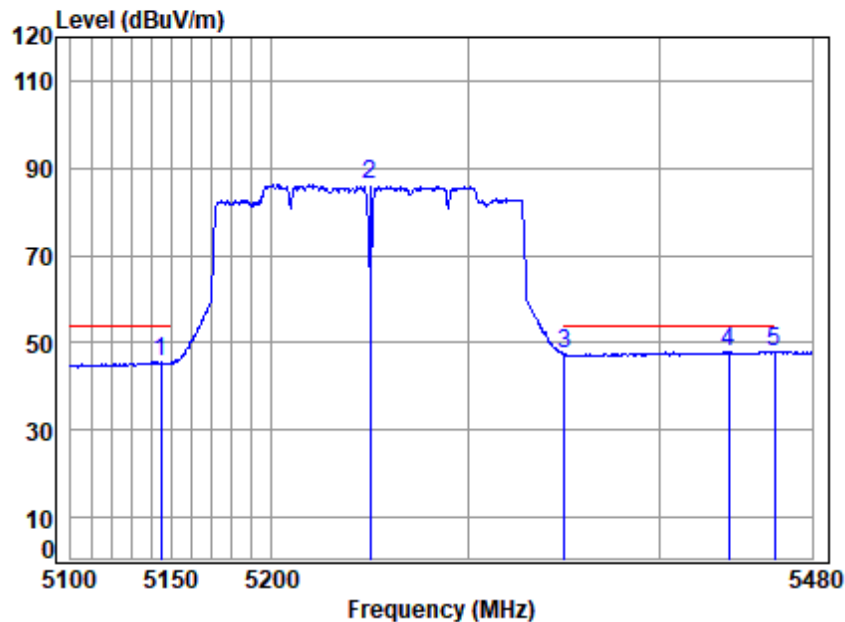
Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.720	10.14	32.40	30.84	46.76	58.46	74.00	-15.54	peak
2	5250.000	10.31	32.60	30.80	86.60	98.71	68.20	30.51	peak
3	5401.412	10.62	32.80	30.74	48.40	61.08	74.00	-12.92	peak
4	5474.096	10.59	32.90	30.71	48.24	61.02	68.20	-7.18	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

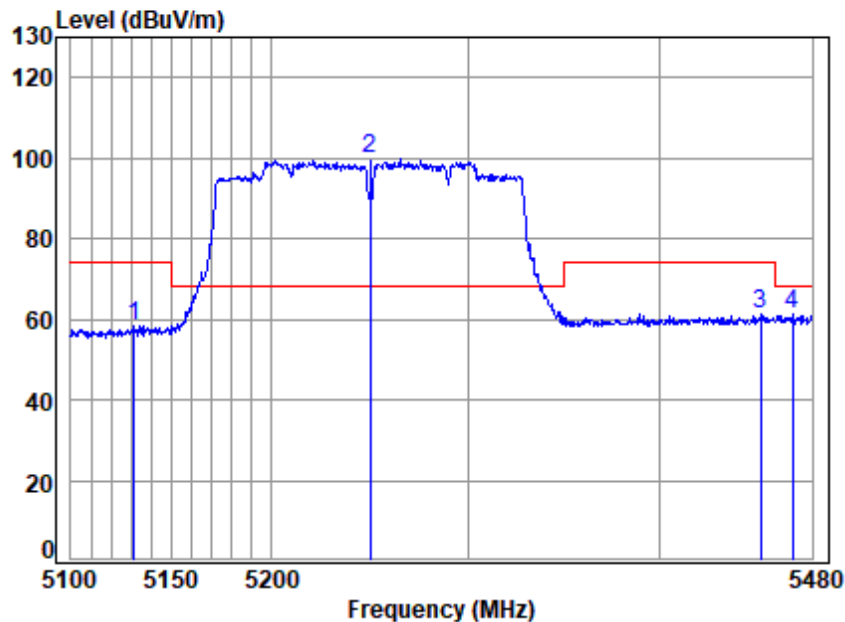
Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.911	10.12	32.39	30.84	33.82	45.49	54.00	-8.51	Average
2	5250.000	10.31	32.60	30.80	74.17	86.28	-----	-----	Average
3	5350.118	10.45	32.80	30.76	34.91	47.40	54.00	-6.60	Average
4	5435.679	10.61	32.87	30.73	35.09	47.84	54.00	-6.16	Average
5 pp	5459.929	10.60	32.90	30.72	35.11	47.89	54.00	-6.11	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

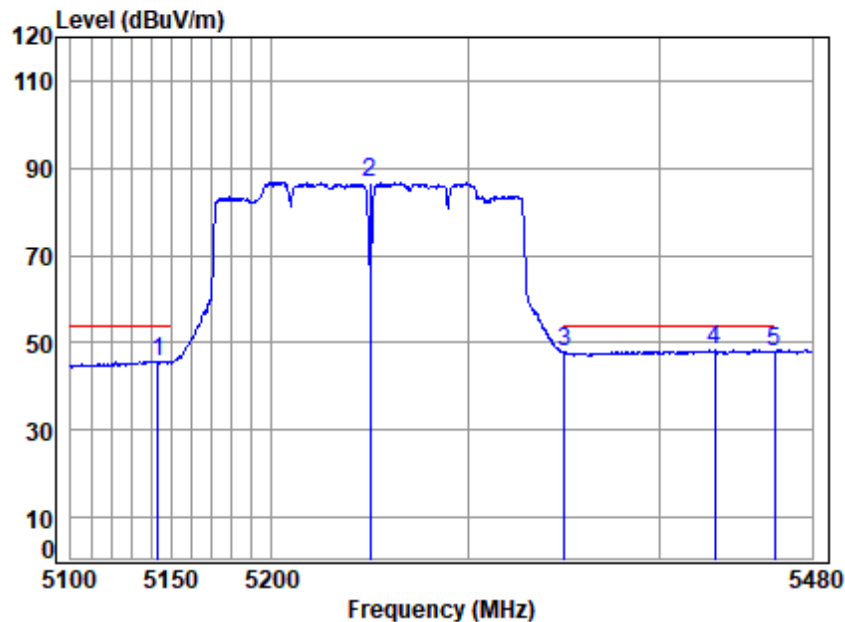
Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.249	10.07	32.36	30.85	46.97	58.55	74.00	-15.45	peak
2 pp	5250.000	10.31	32.60	30.80	87.63	99.74	68.20	31.54	peak
3	5452.502	10.60	32.90	30.72	48.67	61.45	74.00	-12.55	peak
4	5469.771	10.59	32.90	30.71	48.56	61.34	68.20	-6.86	peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

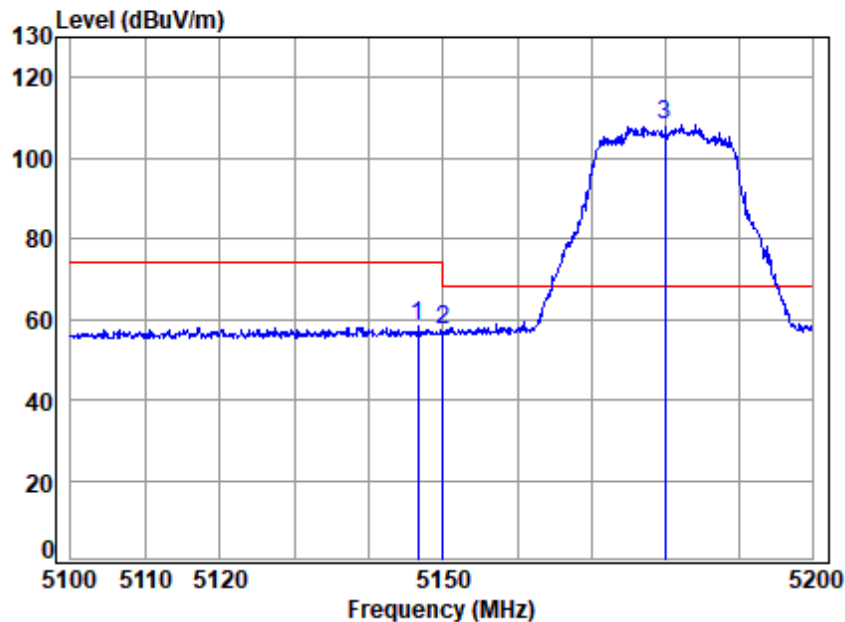
Job No : 02150AT

Mode : 5250 Band edge
: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.432	10.12	32.39	30.84	34.06	45.73	54.00	-8.27	Average
2	5250.000	10.31	32.60	30.80	74.61	86.72	-----	-----	Average
3	5350.118	10.45	32.80	30.76	35.35	47.84	54.00	-6.16	Average
4 pp	5428.652	10.61	32.86	30.73	35.48	48.22	54.00	-5.78	Average
5	5459.929	10.60	32.90	30.72	35.32	48.10	54.00	-5.90	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

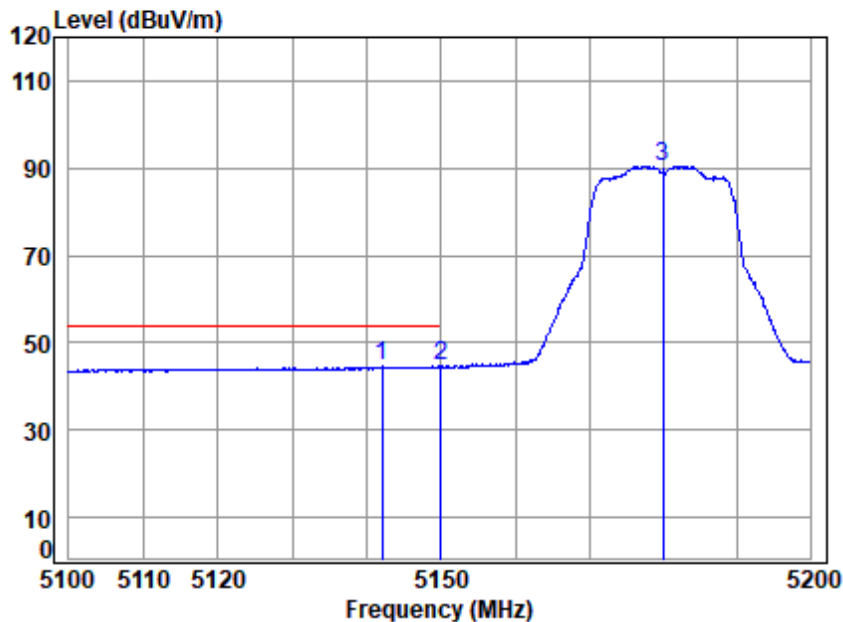
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.658	10.13	32.39	30.84	46.44	58.12	74.00	-15.88	peak
2	5149.980	10.14	32.40	30.84	45.60	57.30	74.00	-16.70	peak
3 pp	5180.000	10.25	32.46	30.83	96.45	108.33	68.20	40.13	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

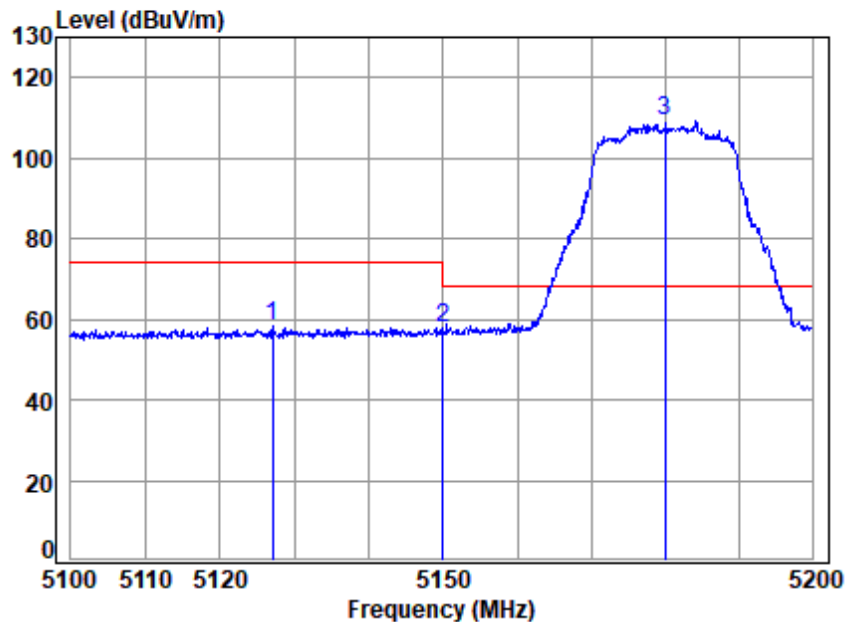
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.063	10.11	32.38	30.84	32.85	44.50	54.00	-9.50	Average
2	pp 5149.980	10.14	32.40	30.84	32.83	44.53	54.00	-9.47	Average
3	5180.000	10.25	32.46	30.83	78.62	90.50	-----	-----	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

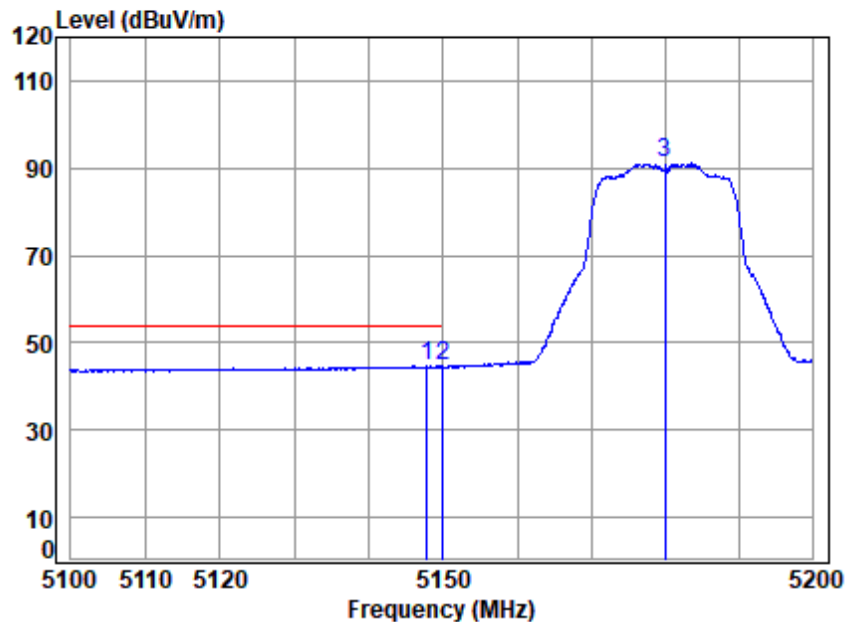
Job No : 02150AT

Mode : 5180 Band edge
: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.008	10.05	32.35	30.85	46.79	58.34	74.00	-15.66	Peak
2	5149.980	10.14	32.40	30.84	45.89	57.59	74.00	-16.41	Peak
3 pp	5180.000	10.25	32.46	30.83	97.39	109.27	68.20	41.07	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

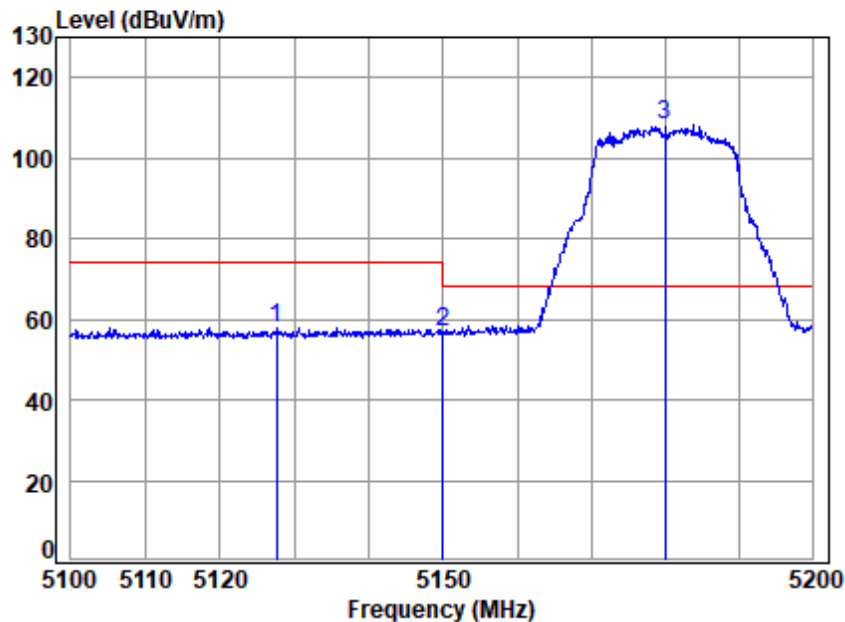
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.758	10.13	32.40	30.84	32.92	44.61	54.00	-9.39	Average
2 pp	5149.980	10.14	32.40	30.84	33.04	44.74	54.00	-9.26	Average
3	5180.000	10.25	32.46	30.83	79.15	91.03	-----	-----	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

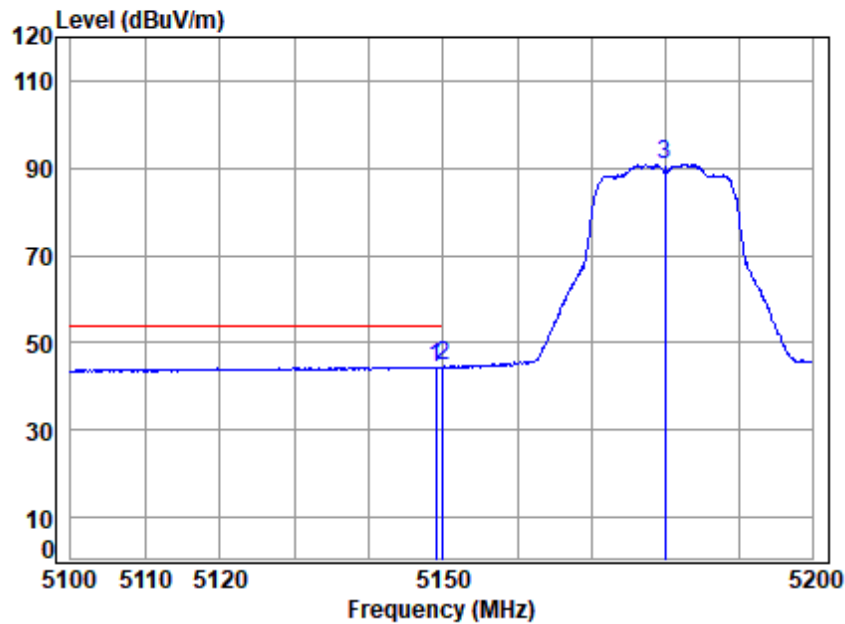
Mode : 5180 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.605	10.05	32.36	30.85	46.34	57.90	74.00	-16.10	peak
2	5149.980	10.14	32.40	30.84	45.35	57.05	74.00	-16.95	peak
3	pp 5180.000	10.25	32.46	30.83	96.21	108.09	68.20	39.89	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

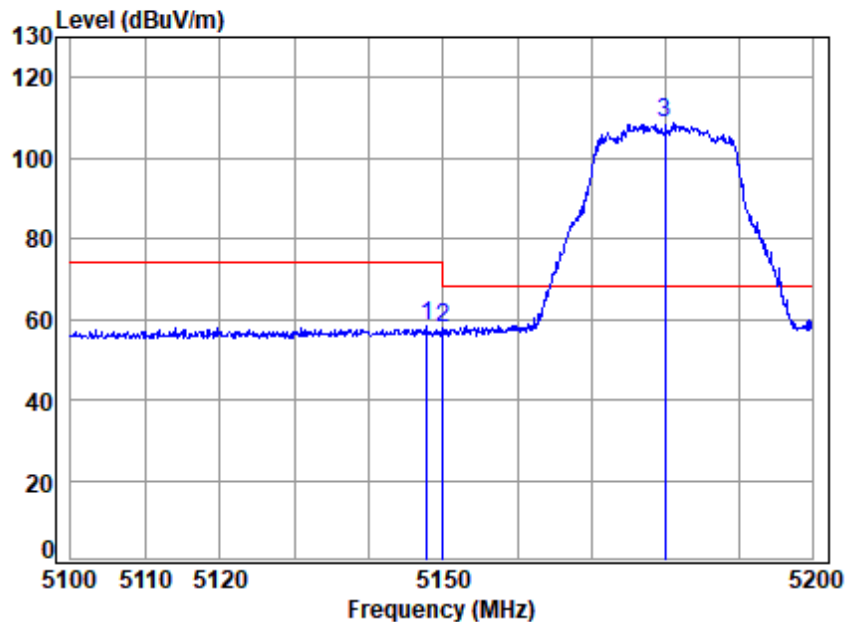
Mode : 5180 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.958	10.14	32.40	30.84	32.71	44.41	54.00	-9.59	Average
2 pp	5149.980	10.14	32.40	30.84	32.83	44.53	54.00	-9.47	Average
3	5180.000	10.25	32.46	30.83	79.06	90.94	-----	-----	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

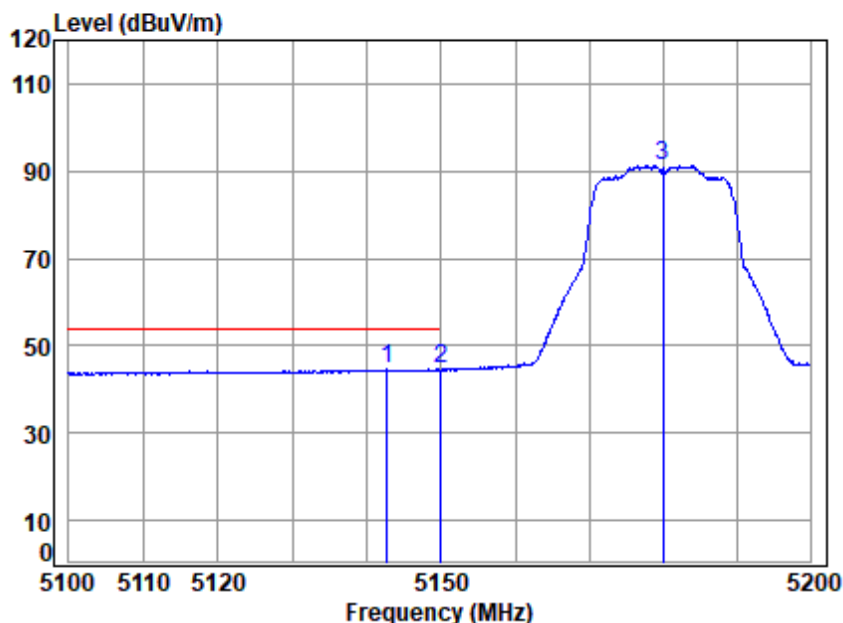
Mode : 5180 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.758	10.13	32.40	30.84	46.42	58.11	74.00	-15.89	Peak
2	5149.980	10.14	32.40	30.84	45.89	57.59	74.00	-16.41	Peak
3 pp	5180.000	10.25	32.46	30.83	96.81	108.69	68.20	40.49	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

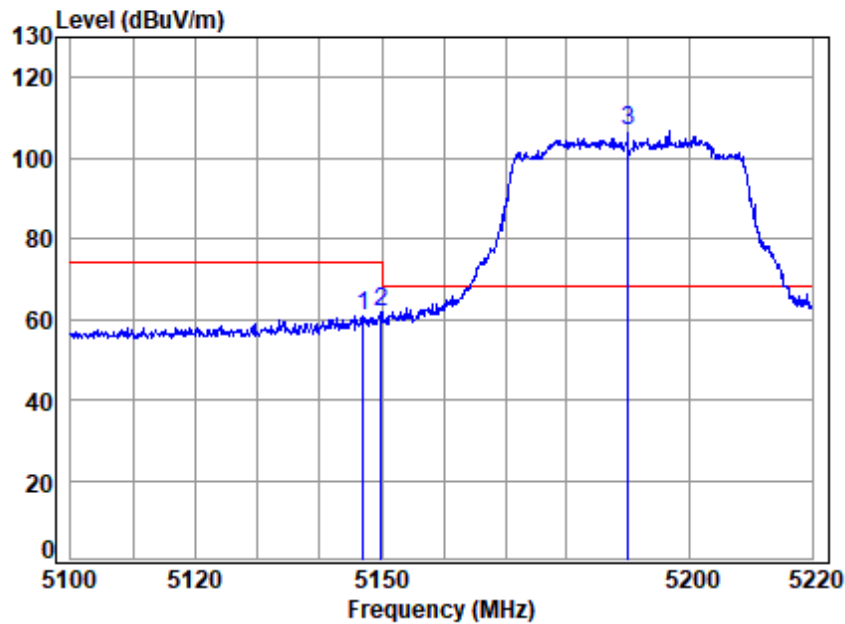
Mode : 5180 Band edge

: 5G Wi-Fi 11be20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5142.662	10.11	32.39	30.84	32.96	44.62	54.00	-9.38	Average
2 5149.980	10.14	32.40	30.84	32.79	44.49	54.00	-9.51	Average
3 5180.000	10.25	32.46	30.83	79.43	91.31	-----	-----	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

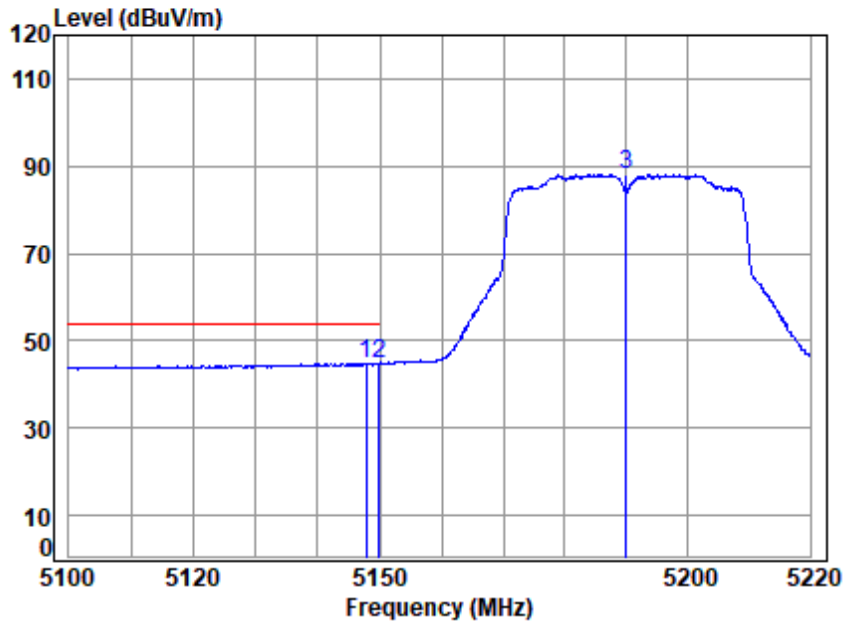
Mode : 5190 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.947	10.13	32.39	30.84	48.96	60.64	74.00	-13.36	peak
2	5149.980	10.14	32.40	30.84	50.10	61.80	74.00	-12.20	peak
3 pp	5190.000	10.29	32.48	30.82	94.94	106.89	68.20	38.69	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

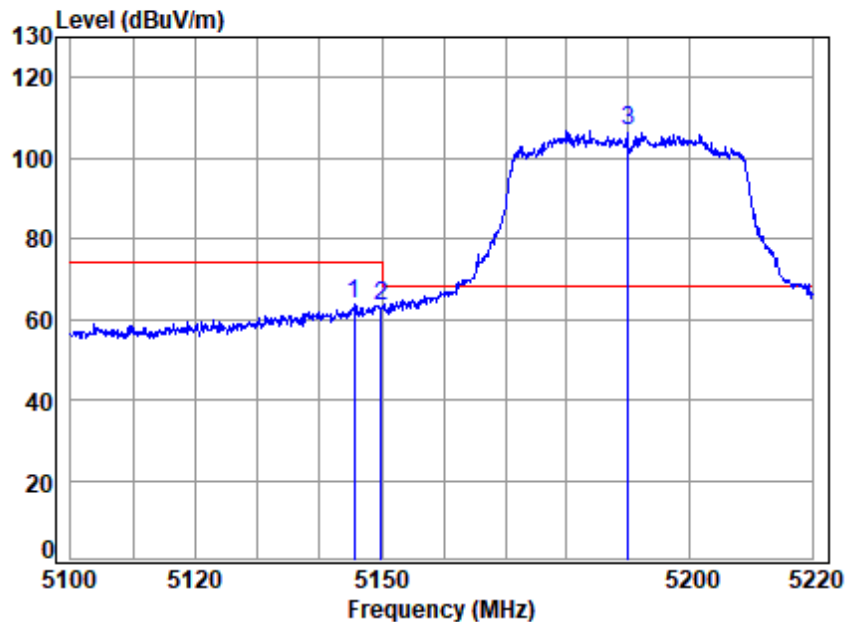
Mode : 5190 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5147.785	10.13	32.40	30.84	33.14	44.83	54.00	-9.17	Average	
2 5149.980	10.14	32.40	30.84	33.08	44.78	54.00	-9.22	Average	
3 5190.000	10.29	32.48	30.82	76.19	88.14	-----	-----	Average	



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

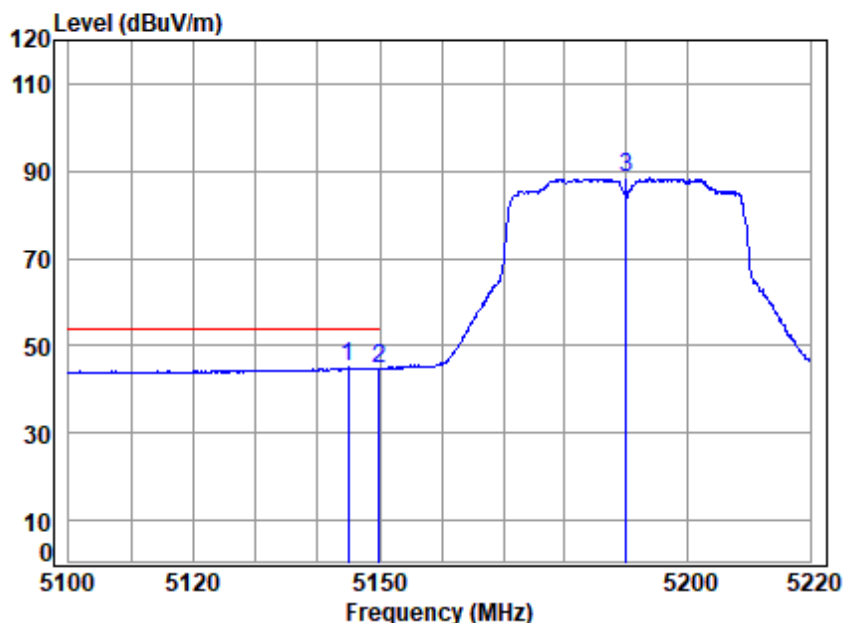
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.630	10.12	32.39	30.84	51.89	63.56	74.00	-10.44	Peak
2	5149.980	10.14	32.40	30.84	51.62	63.32	74.00	-10.68	Peak
3 pp	5190.000	10.29	32.48	30.82	94.78	106.73	68.20	38.53	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

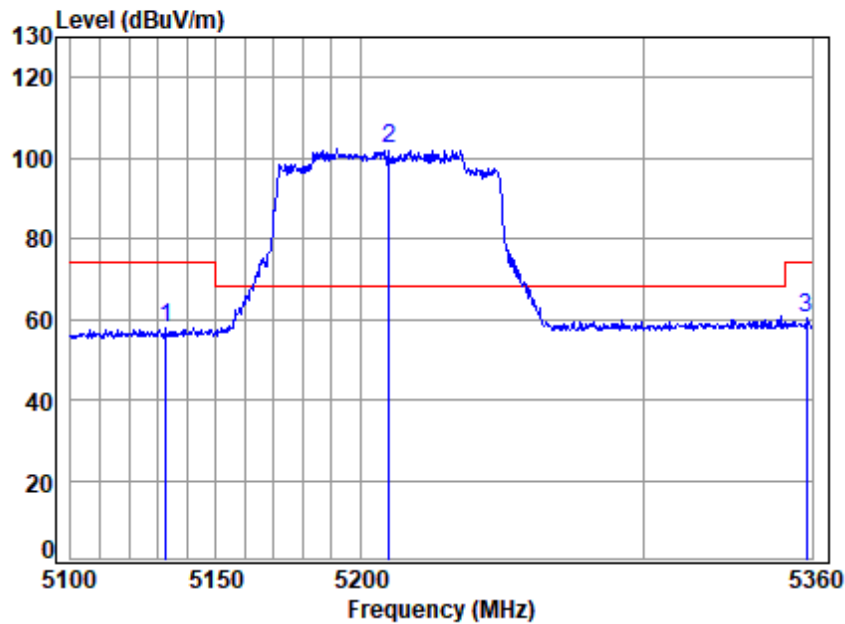
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5144.913	10.12	32.39	30.84	33.29	44.96	54.00	-9.04	Average
2	5149.980	10.14	32.40	30.84	33.12	44.82	54.00	-9.18	Average
3	5190.000	10.29	32.48	30.82	76.43	88.38	-----	-----	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

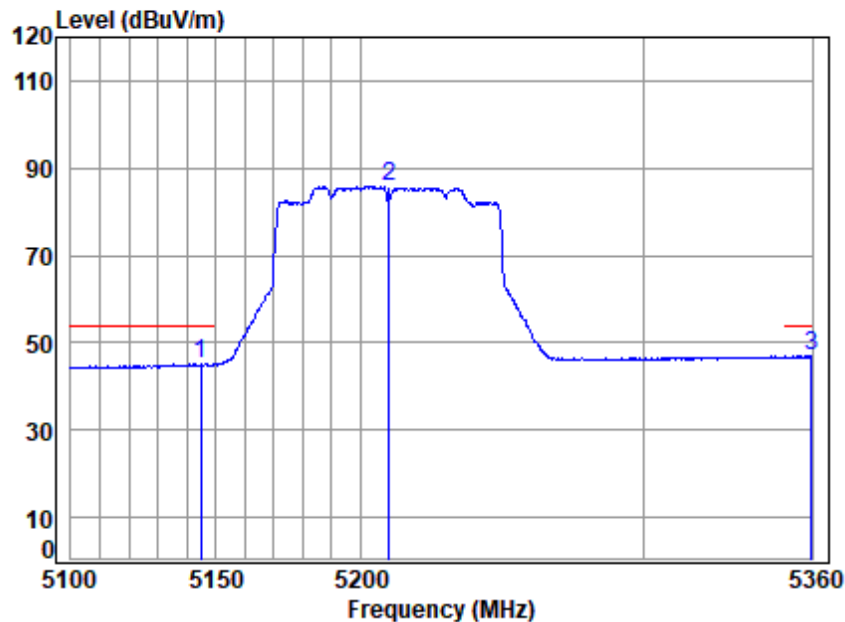
Mode : 5210 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.563	10.07	32.37	30.85	46.17	57.76	74.00	-16.24	peak
2 pp	5210.000	10.32	32.52	30.82	90.25	102.27	68.20	34.07	peak
3	5358.135	10.48	32.80	30.76	47.61	60.13	74.00	-13.87	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

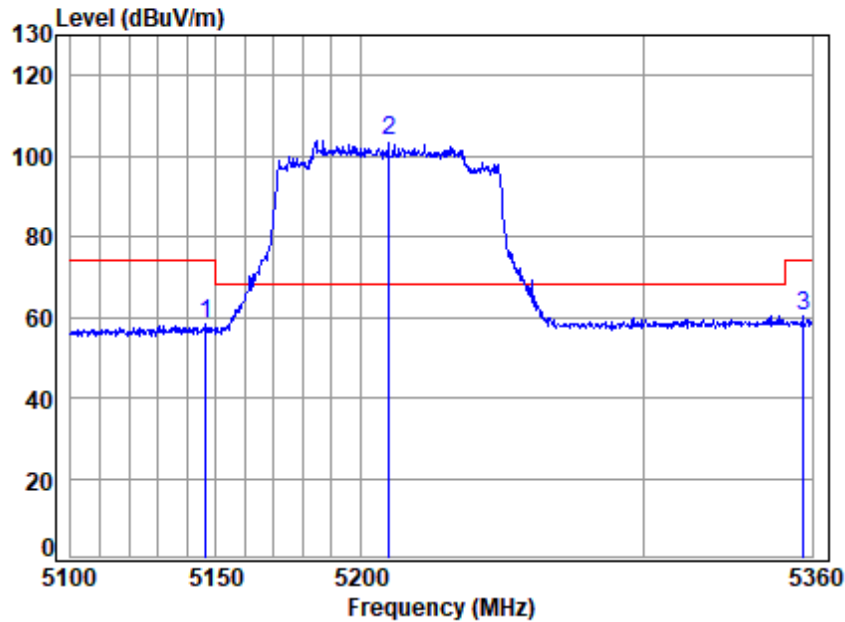
Mode : 5210 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.828	10.12	32.39	30.84	33.43	45.10	54.00	-8.90	Average
2	5210.000	10.32	32.52	30.82	73.85	85.87	-----	-----	Average
3 pp	5359.733	10.48	32.80	30.76	34.39	46.91	54.00	-7.09	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

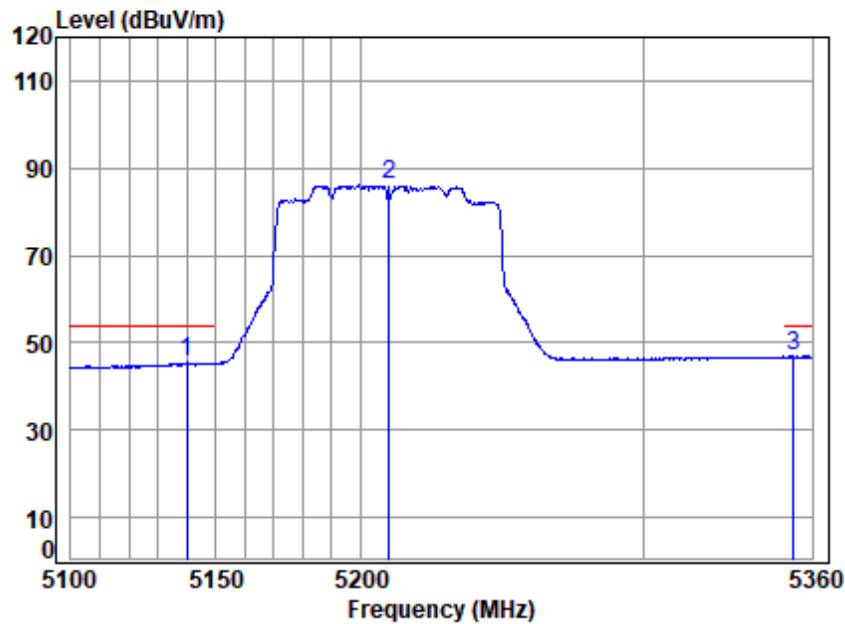
Job No : 02150AT

Mode : 5210 Band edge
: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.363	10.13	32.39	30.84	46.69	58.37	74.00	-15.63	Peak
2 pp	5210.000	10.32	32.52	30.82	91.68	103.70	68.20	35.50	Peak
3	5356.803	10.47	32.80	30.76	47.90	60.41	74.00	-13.59	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

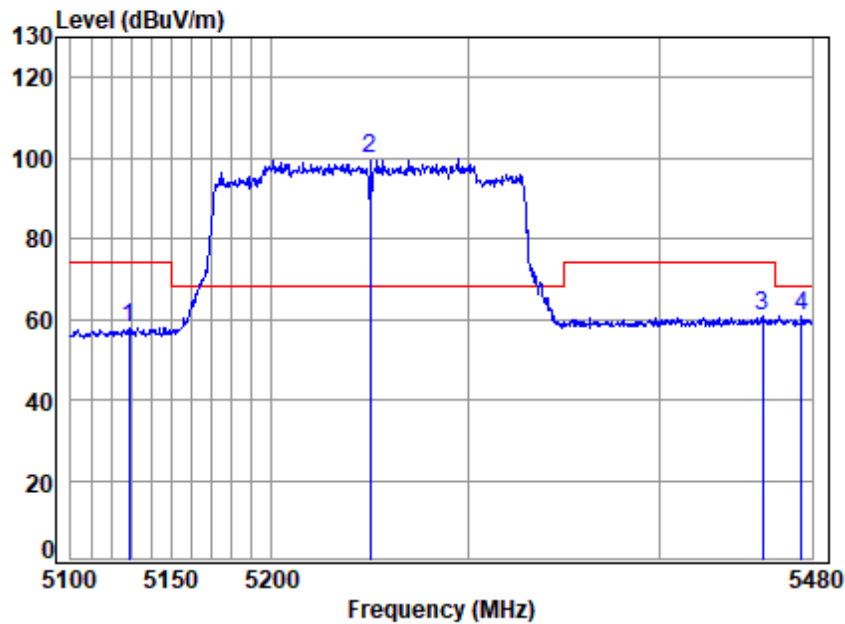
Job No : 02150AT

Mode : 5210 Band edge
: 5G Wi-Fi 11be80

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5139.969	10.10	32.38	30.84	33.79	45.43	54.00	-8.57	Average
2 5210.000	10.32	32.52	30.82	74.04	86.06	-----	-----	Average
3 pp 5353.341	10.46	32.80	30.76	34.37	46.87	54.00	-7.13	Average



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

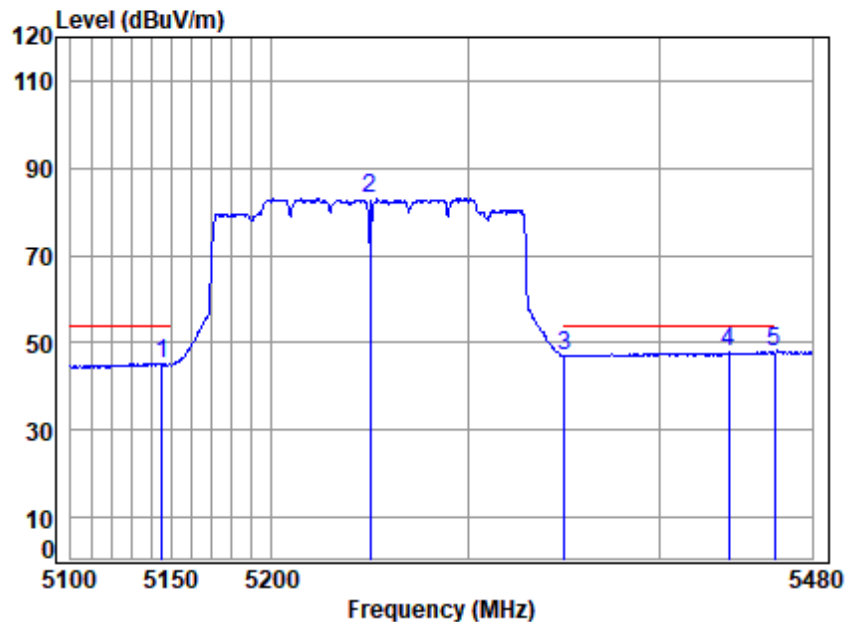
Mode : 5250 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5129.037	10.06	32.36	30.85	46.35	57.92	74.00	-16.08	peak
2 pp	5250.000	10.31	32.60	30.80	87.50	99.61	68.20	31.41	peak
3	5453.678	10.60	32.90	30.72	47.91	60.69	74.00	-13.31	peak
4	5474.489	10.59	32.90	30.71	47.89	60.67	68.20	-7.53	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

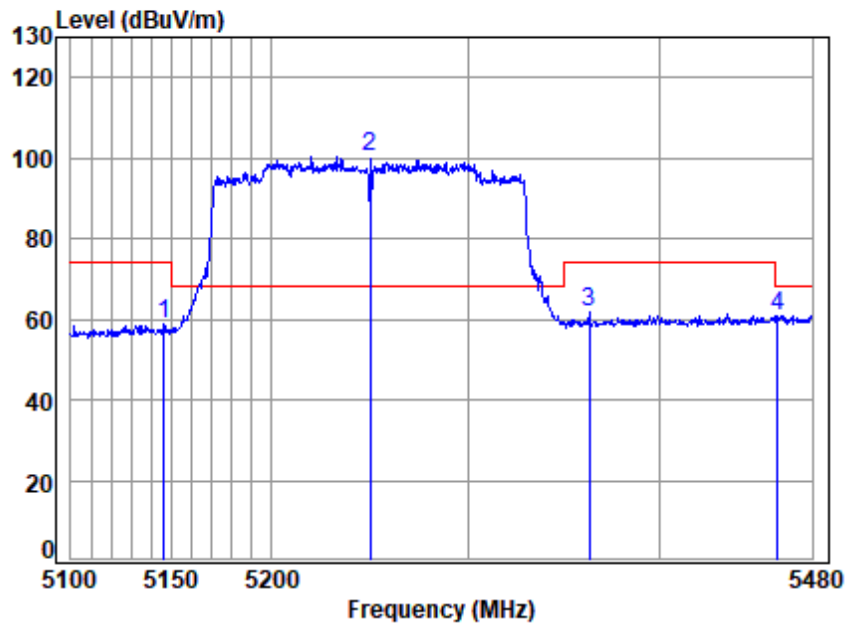
Mode : 5250 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.280	10.12	32.39	30.84	33.62	45.29	54.00	-8.71	Average
2	5250.000	10.31	32.60	30.80	70.98	83.09	-----	-----	Average
3	5350.118	10.45	32.80	30.76	34.54	47.03	54.00	-6.97	Average
4	5436.069	10.61	32.87	30.73	34.97	47.72	54.00	-6.28	Average
5 pp	5459.929	10.60	32.90	30.72	34.99	47.77	54.00	-6.23	Average



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

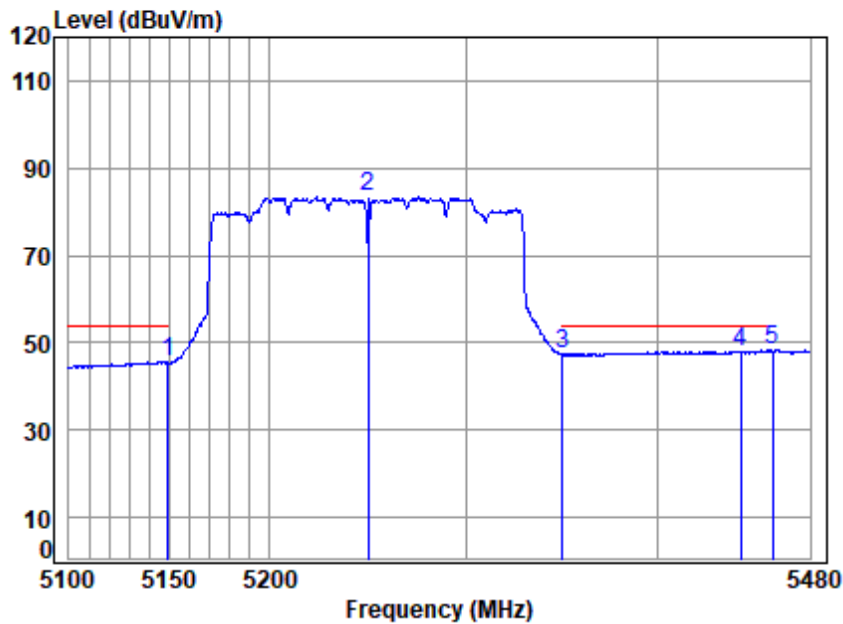
Mode : 5250 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.390	10.13	32.39	30.84	46.91	58.59	74.00	-15.41	peak
2 pp	5250.000	10.31	32.60	30.80	88.47	100.58	68.20	32.38	peak
3	5362.734	10.49	32.80	30.75	49.06	61.60	74.00	-12.40	peak
4	5461.522	10.60	32.90	30.72	48.26	61.04	68.20	-7.16	peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

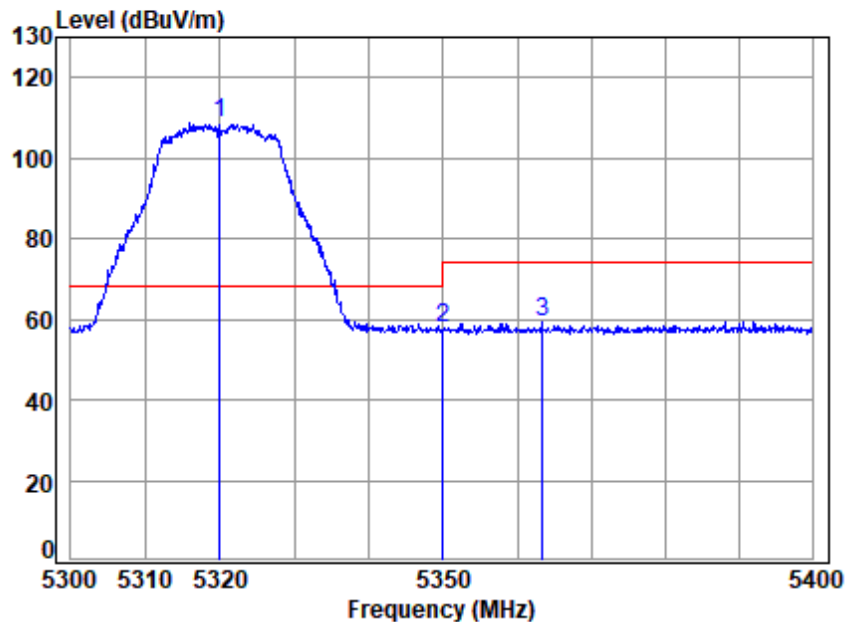
Mode : 5250 Band edge

: 5G Wi-Fi 11be160

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5149.350	10.14	32.40	30.84	33.92	45.62	54.00	-8.38	Average
2 5250.000	10.31	32.60	30.80	71.19	83.30	-----	-----	Average
3 5350.118	10.45	32.80	30.76	34.78	47.27	54.00	-6.73	Average
4 5443.497	10.60	32.89	30.72	35.30	48.07	54.00	-5.93	Average
5 pp 5459.929	10.60	32.90	30.72	35.53	48.31	54.00	-5.69	Average



Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.45	108.77	68.20	40.57	peak
2	5350.020	10.45	32.80	30.76	45.25	57.74	74.00	-16.26	peak
3	5363.383	10.50	32.80	30.75	46.74	59.29	74.00	-14.71	peak



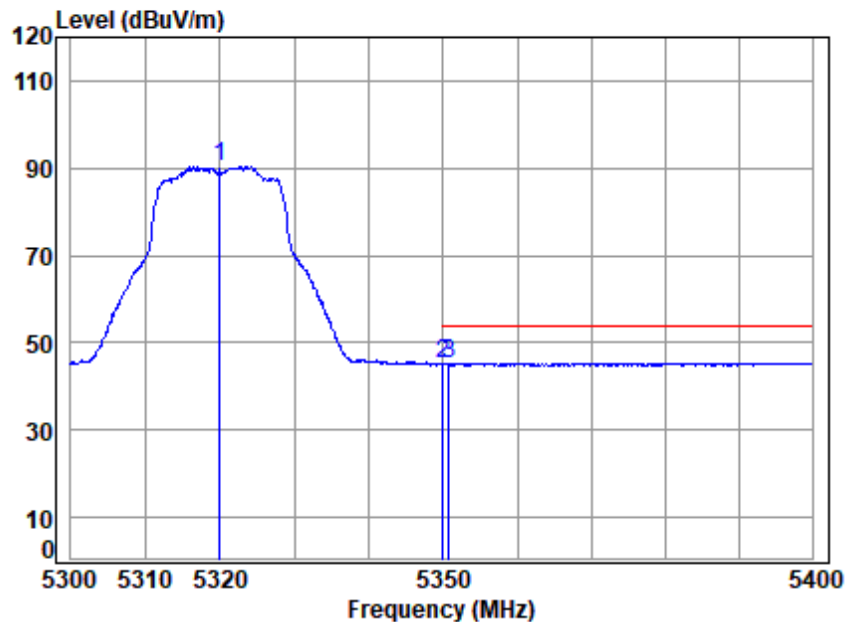
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

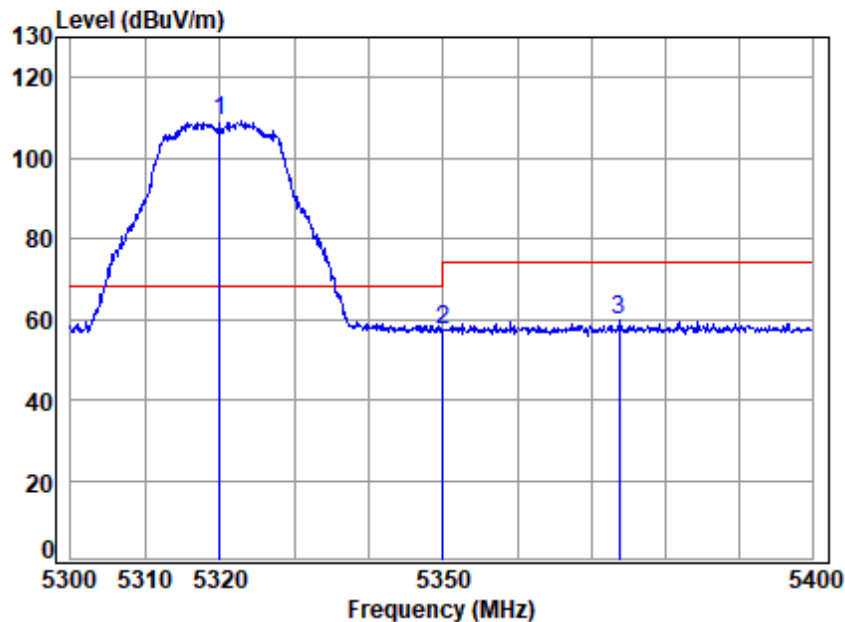
Job No : 02150AT

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

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5320.000	10.35	32.74	30.77	78.22	90.54	-----	----- Average
2 5350.020	10.45	32.80	30.76	32.76	45.25	54.00	-8.75 Average
3 pp 5350.767	10.45	32.80	30.76	32.88	45.37	54.00	-8.63 Average



Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.84	109.16	68.20	40.96	Peak
2	5350.020	10.45	32.80	30.76	45.05	57.54	74.00	-16.46	Peak
3	5373.820	10.53	32.80	30.75	47.12	59.70	74.00	-14.30	Peak



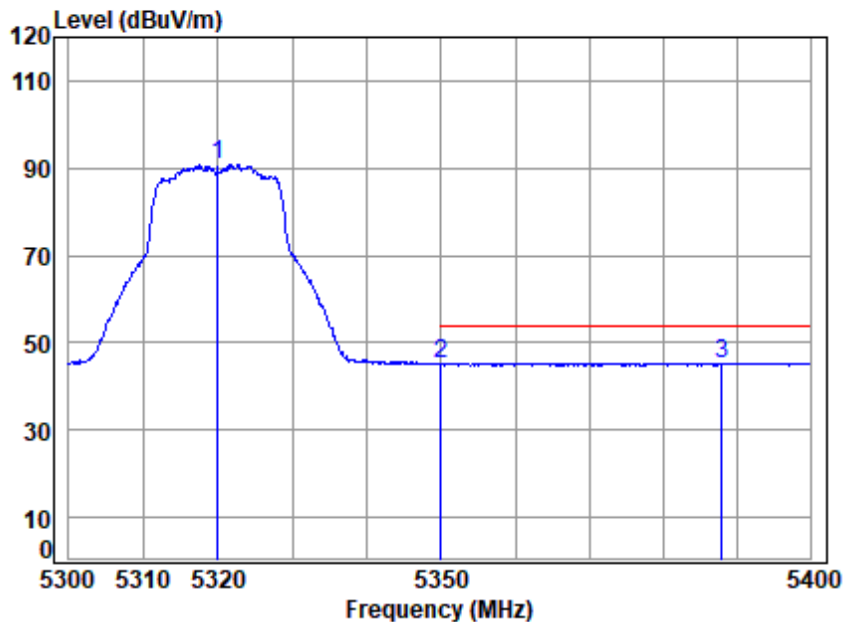
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Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

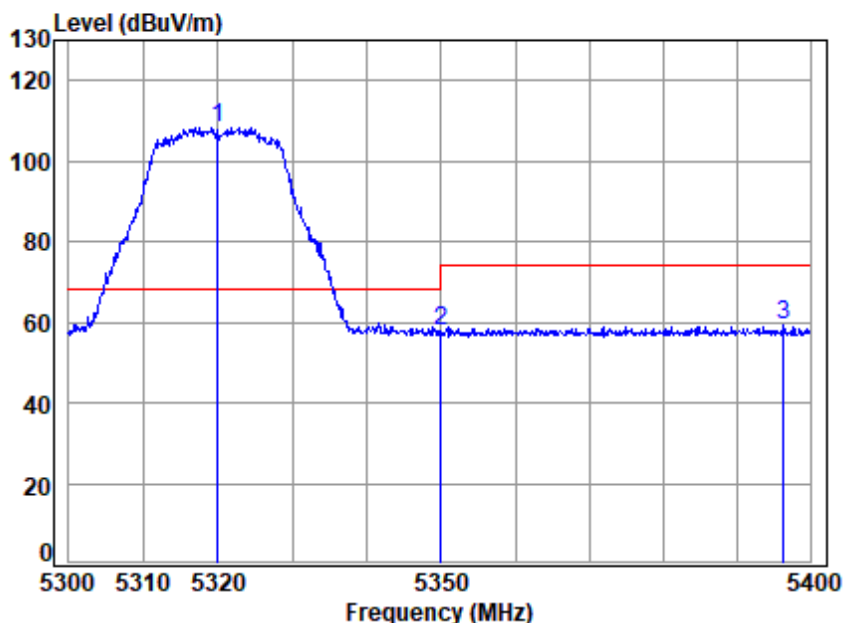
Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	10.35	32.74	30.77	78.42	90.74	-----	-----	Average
2 5350.020	10.45	32.80	30.76	32.84	45.33	54.00	-8.67	Average
3 pp 5388.002	10.58	32.80	30.74	32.74	45.38	54.00	-8.62	Average



Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.02	108.34	68.20	40.14	peak
2	5350.020	10.45	32.80	30.76	45.23	57.72	74.00	-16.28	peak
3	5396.368	10.61	32.80	30.74	46.49	59.16	74.00	-14.84	peak



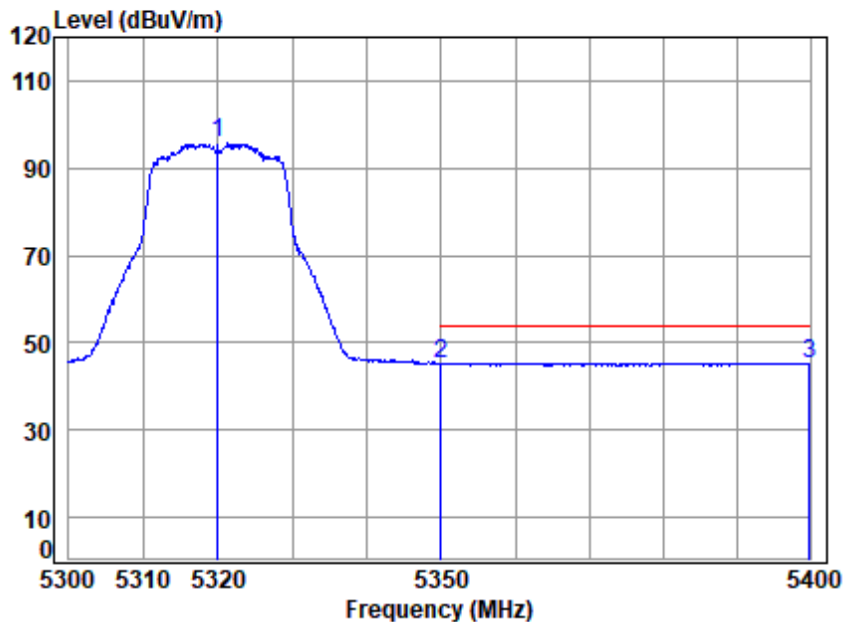
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

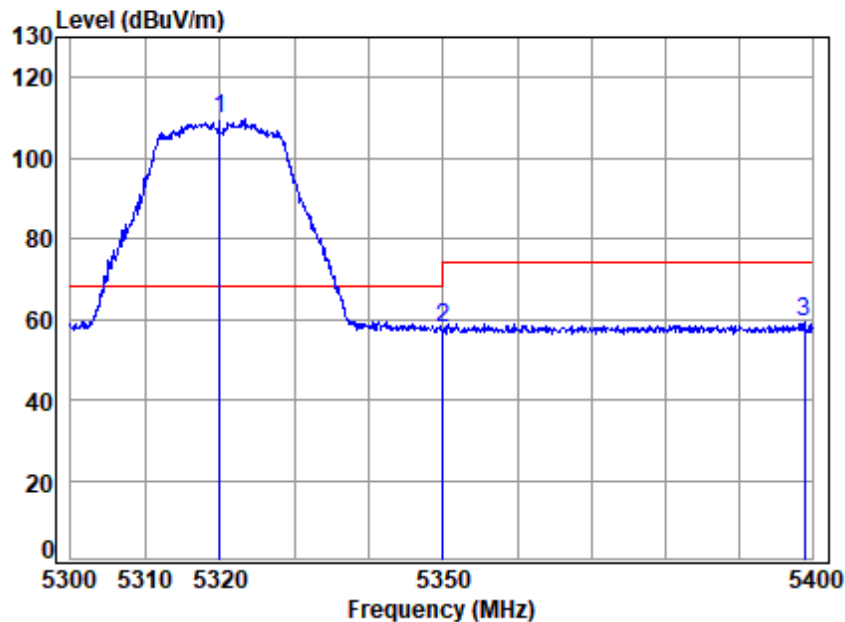
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	83.38	95.70	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.85	45.34	54.00	-8.66	Average
3	pp 5399.899	10.62	32.80	30.74	32.71	45.39	54.00	-8.61	Average



Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

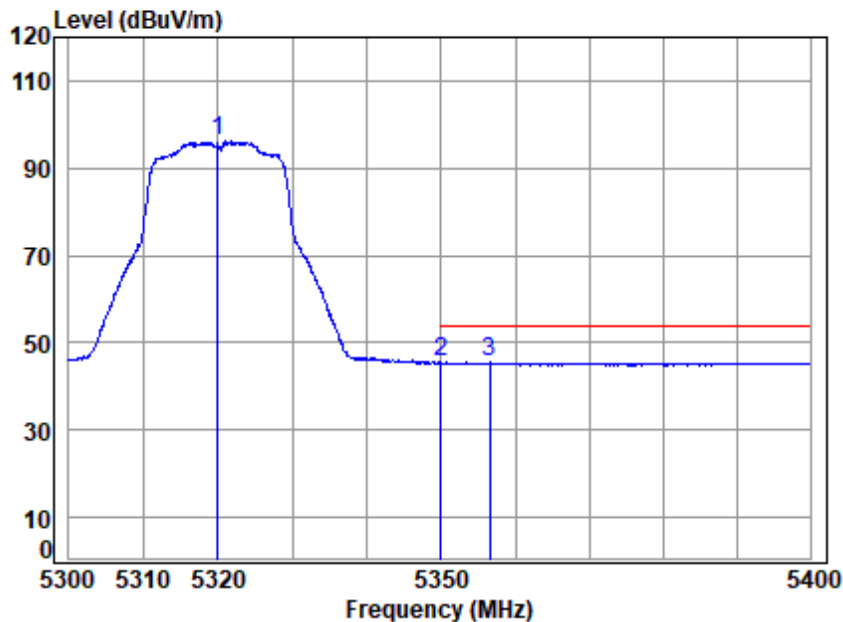
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	97.42	109.74	68.20	41.54	Peak
2	5350.020	10.45	32.80	30.76	45.11	57.60	74.00	-16.40	Peak
3	5398.991	10.62	32.80	30.74	46.78	59.46	74.00	-14.54	Peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	10.35	32.74	30.77	83.95	96.27	-----	-----	Average
2 5350.020	10.45	32.80	30.76	32.91	45.40	54.00	-8.60	Average
3 pp 5356.571	10.47	32.80	30.76	32.92	45.43	54.00	-8.57	Average



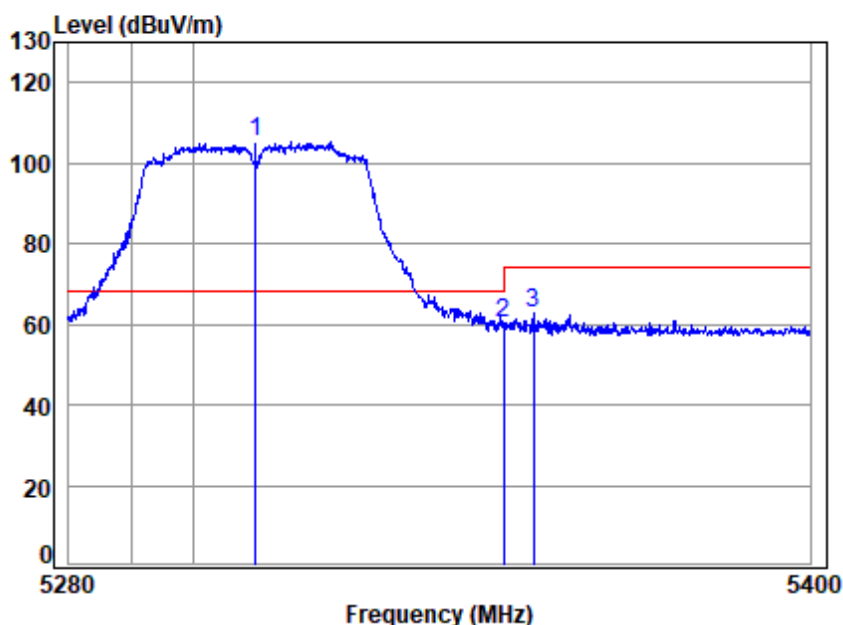
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5310 Band edge

: 5G Wi-Fi 11n40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	92.90	105.15	68.20	36.95	peak
2	5350.020	10.45	32.80	30.76	47.95	60.44	74.00	-13.56	peak
3	5354.924	10.47	32.80	30.76	50.17	62.68	74.00	-11.32	peak



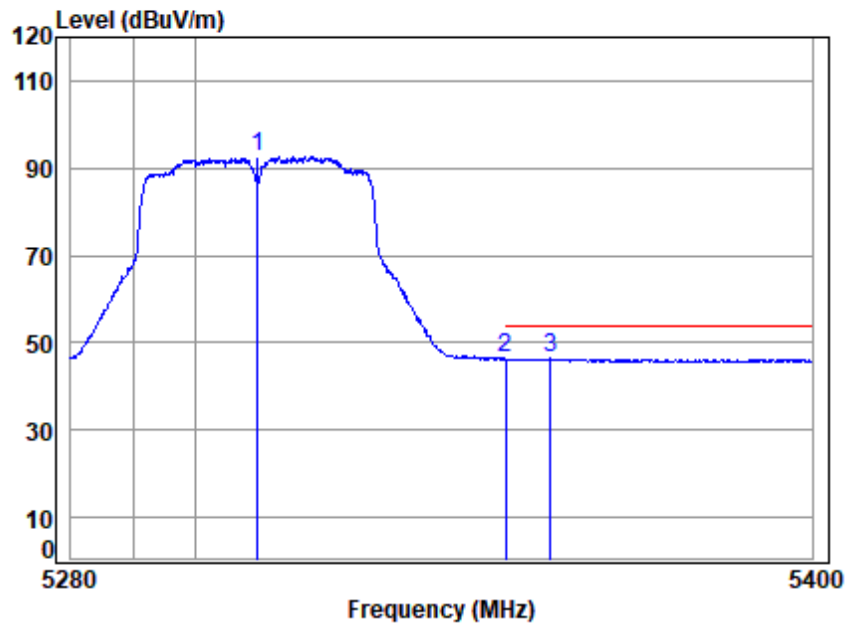
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

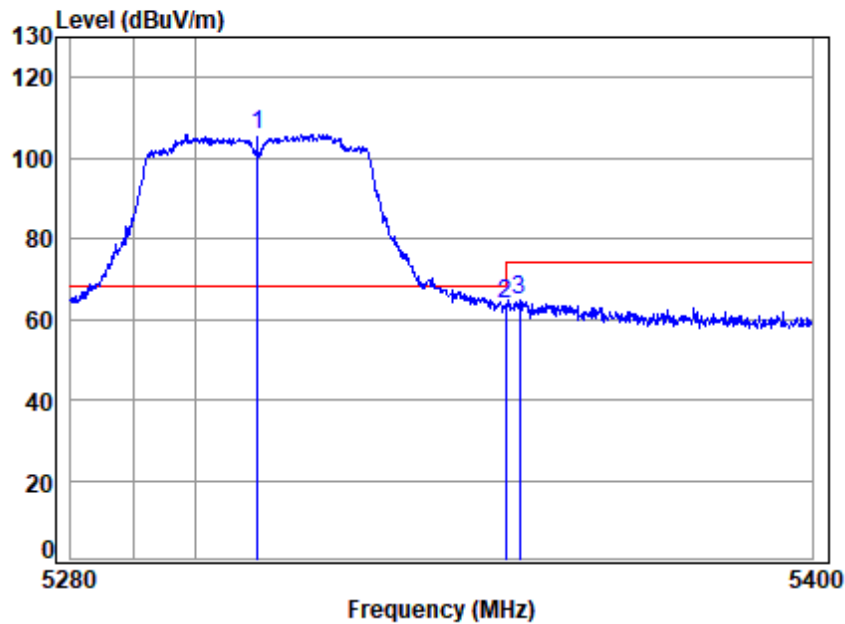
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	80.56	92.81	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.89	46.38	54.00	-7.62	Average
3	pp 5357.332	10.47	32.80	30.76	33.97	46.48	54.00	-7.52	Average



Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	93.69	105.94	68.20	37.74	Peak
2	5350.020	10.45	32.80	30.76	51.24	63.73	74.00	-10.27	Peak
3	5352.398	10.46	32.80	30.76	52.39	64.89	74.00	-9.11	Peak



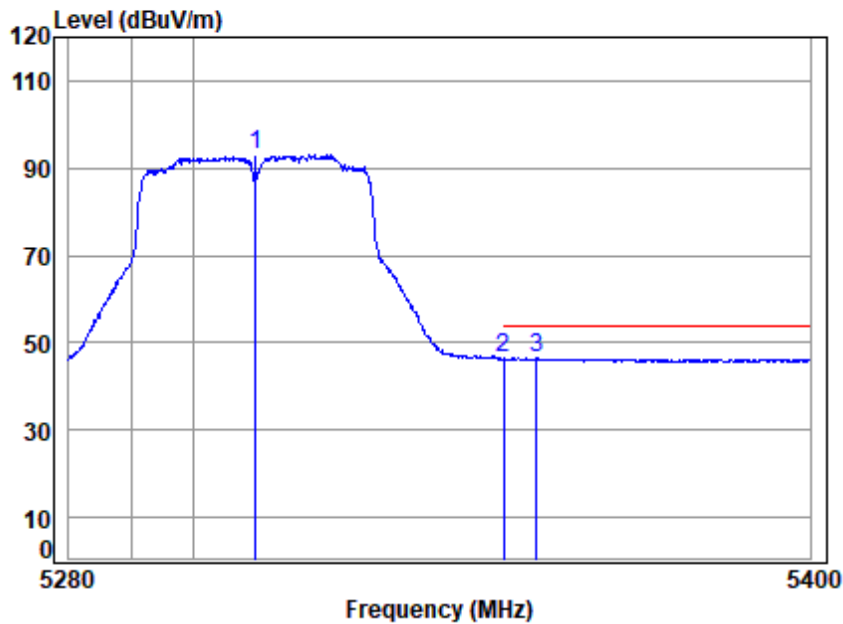
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Test Mode: 18; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

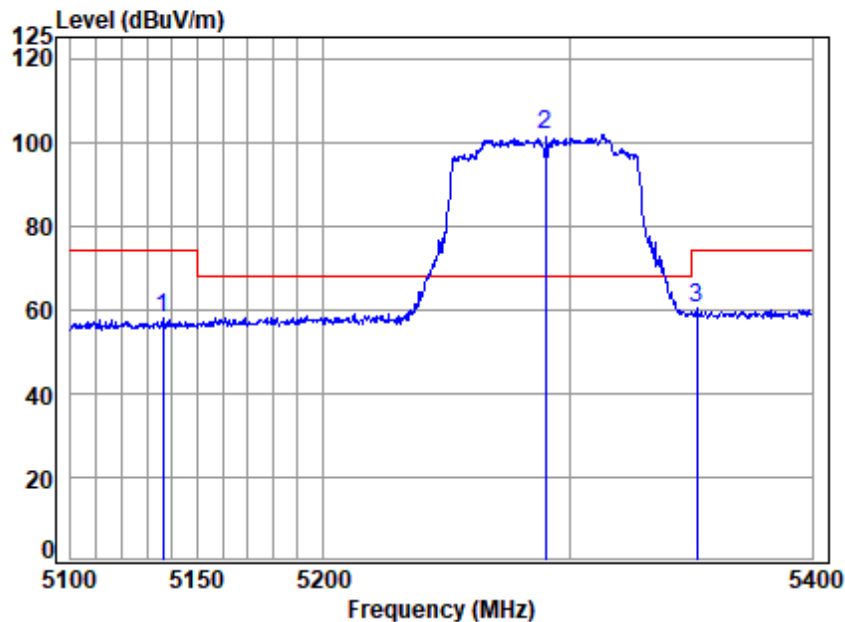
Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5310.000	10.31	32.72	30.78	80.72	92.97	-----	-----	Average
2 5350.020	10.45	32.80	30.76	33.97	46.46	54.00	-7.54	Average
3 pp 5355.406	10.47	32.80	30.76	34.07	46.58	54.00	-7.42	Average



Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

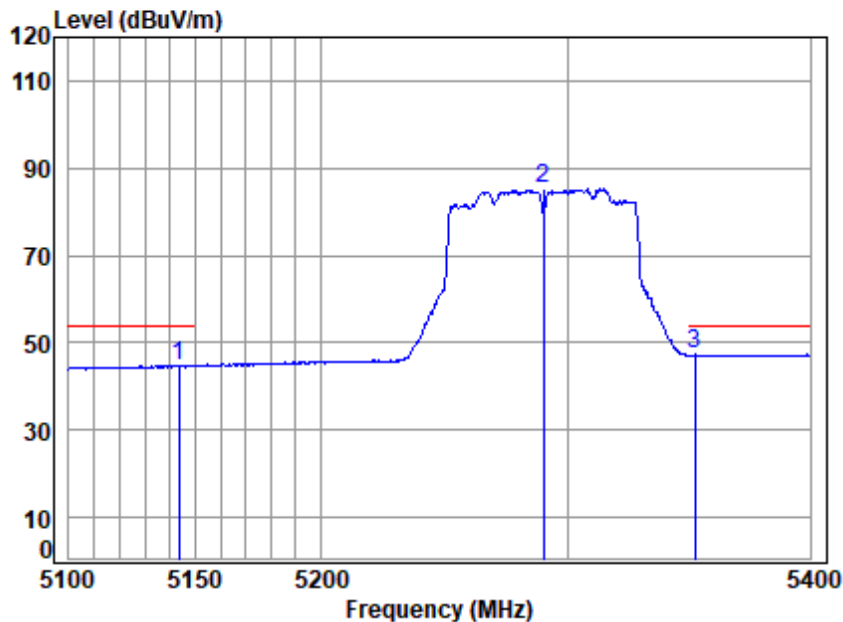
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.275	10.09	32.37	30.85	46.34	57.95	74.00	-16.05	peak
2 pp	5290.000	10.28	32.68	30.78	89.47	101.65	68.20	33.45	peak
3	5352.064	10.46	32.80	30.76	47.70	60.20	74.00	-13.80	peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

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

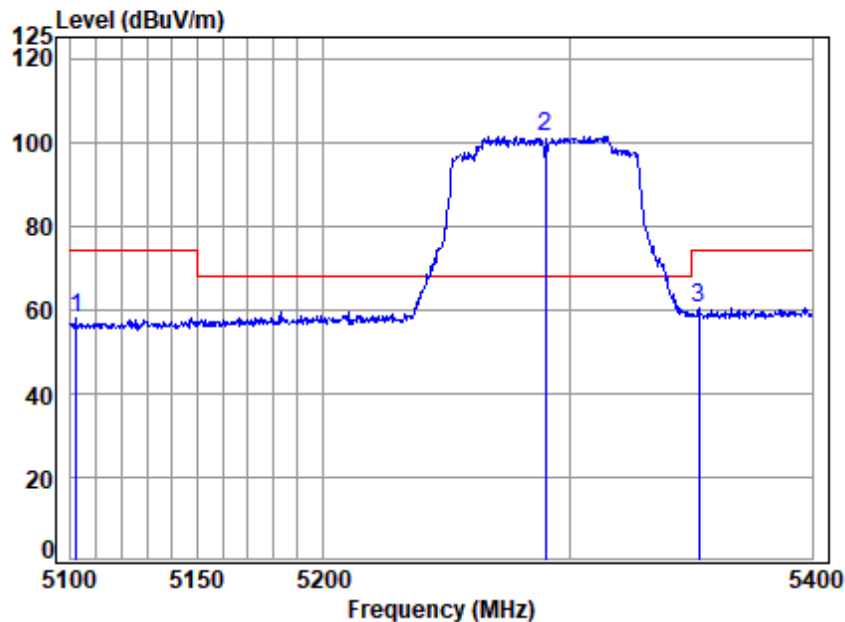
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.620	10.12	32.39	30.84	33.24	44.91	54.00	-9.09	Average
2	5290.000	10.28	32.68	30.78	73.03	85.21	-----	-----	Average
3 pp	5352.370	10.46	32.80	30.76	34.77	47.27	54.00	-6.73	Average



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Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

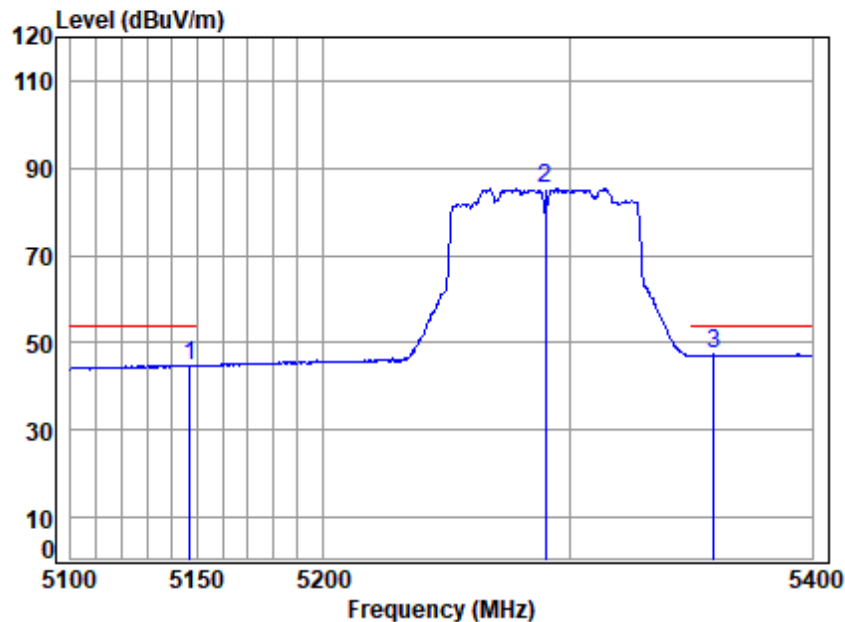
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5102.041	9.96	32.30	30.86	46.54	57.94	74.00	-16.06	Peak
2 pp	5290.000	10.28	32.68	30.78	89.29	101.47	68.20	33.27	Peak
3	5352.981	10.46	32.80	30.76	47.73	60.23	74.00	-13.77	Peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

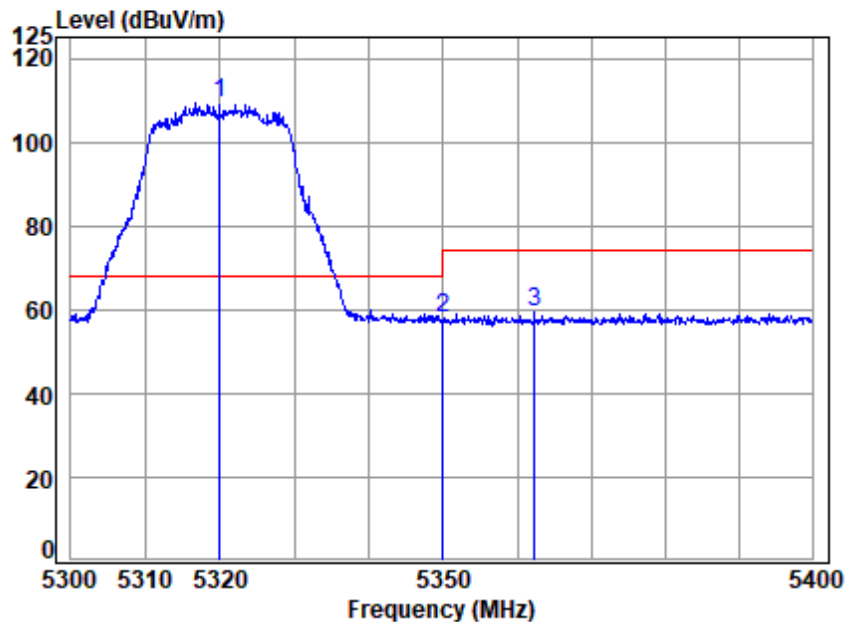
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.149	10.13	32.39	30.84	33.22	44.90	54.00	-9.10 Average
2	5290.000	10.28	32.68	30.78	73.11	85.29	-----	----- Average
3	pp 5359.104	10.48	32.80	30.76	34.83	47.35	54.00	-6.65 Average



Test Mode: 18; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	97.22	109.54	68.20	41.34	peak
2	5350.020	10.45	32.80	30.76	45.70	58.19	74.00	-15.81	peak
3	5362.281	10.49	32.80	30.76	46.74	59.27	74.00	-14.73	peak



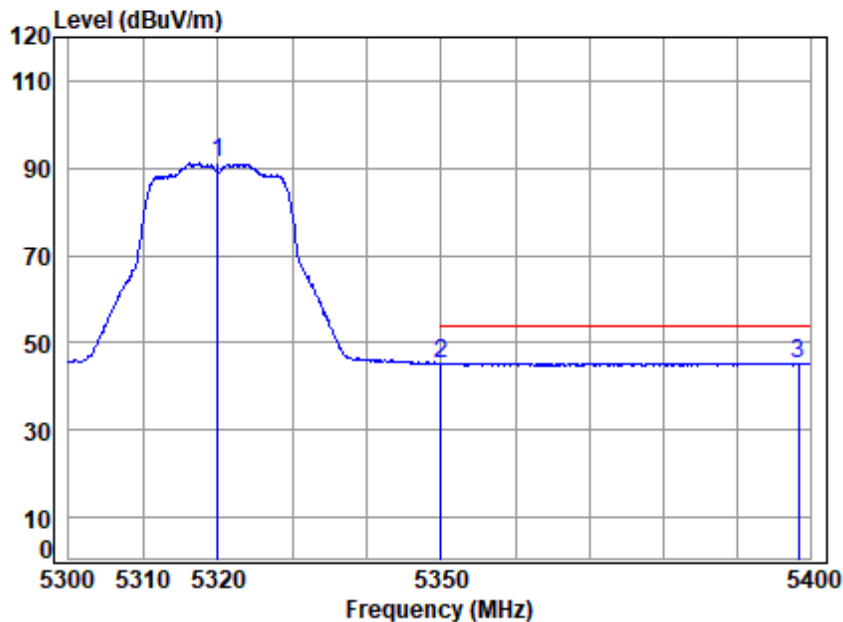
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	78.76	91.08	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	32.89	45.38	54.00	-8.62	Average
3	5398.486	10.61	32.80	30.74	32.71	45.38	54.00	-8.62	Average



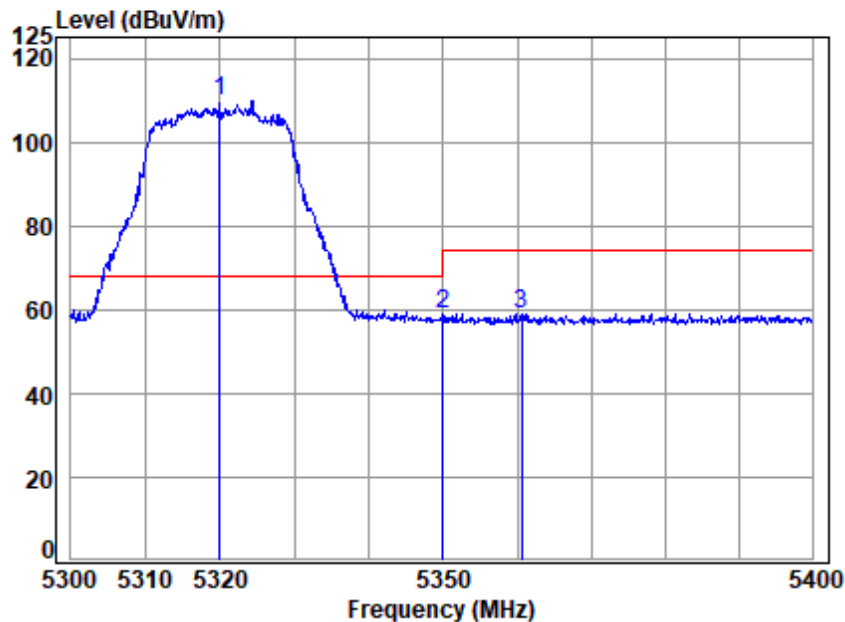
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Test Mode: 18; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5320 Band edge
: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	97.37	109.69	68.20	41.49	Peak
2	5350.020	10.45	32.80	30.76	46.61	59.10	74.00	-14.90	Peak
3	5360.577	10.49	32.80	30.76	46.53	59.06	74.00	-14.94	Peak



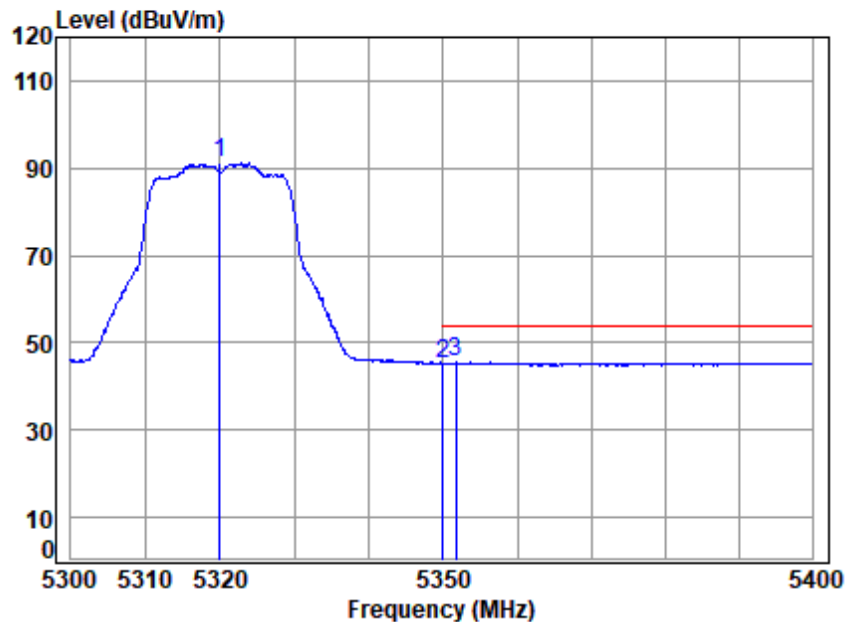
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Test Mode: 18; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	78.85	91.17	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.80	45.29	54.00	-8.71	Average
3 pp	5351.667	10.46	32.80	30.76	33.04	45.54	54.00	-8.46	Average



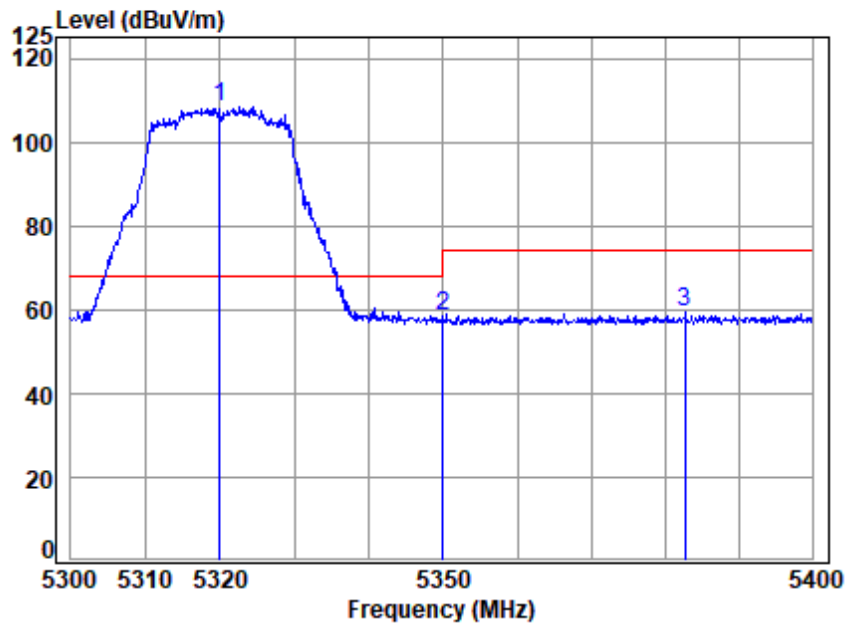
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

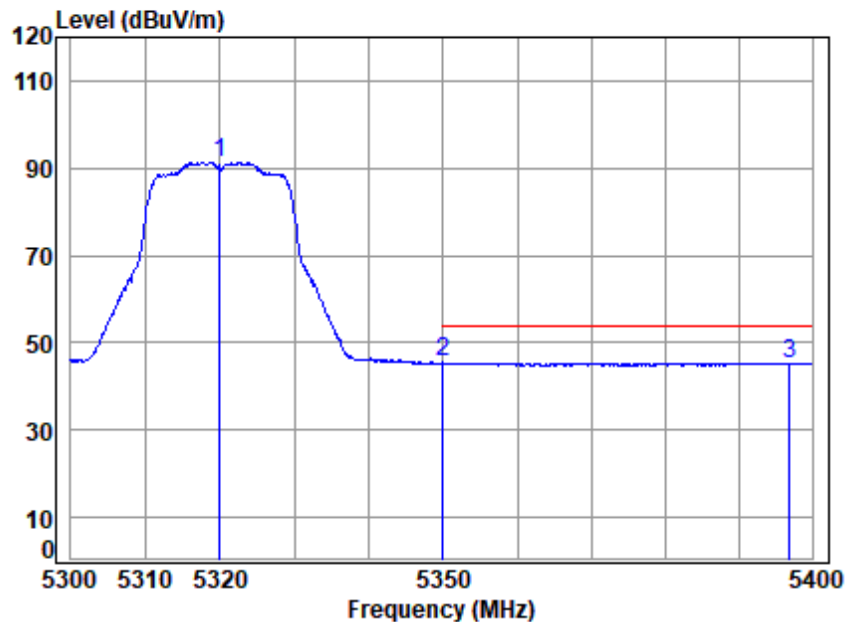
Mode : 5320 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	96.16	108.48	68.20	40.28	peak	
2 5350.020	10.45	32.80	30.76	45.84	58.33	74.00	-15.67	peak	
3 5382.767	10.56	32.80	30.75	46.58	59.19	74.00	-14.81	peak	



Test Mode: 18; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5320 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	79.11	91.43	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	33.01	45.50	54.00	-8.50	Average
3	5396.973	10.61	32.80	30.74	32.72	45.39	54.00	-8.61	Average



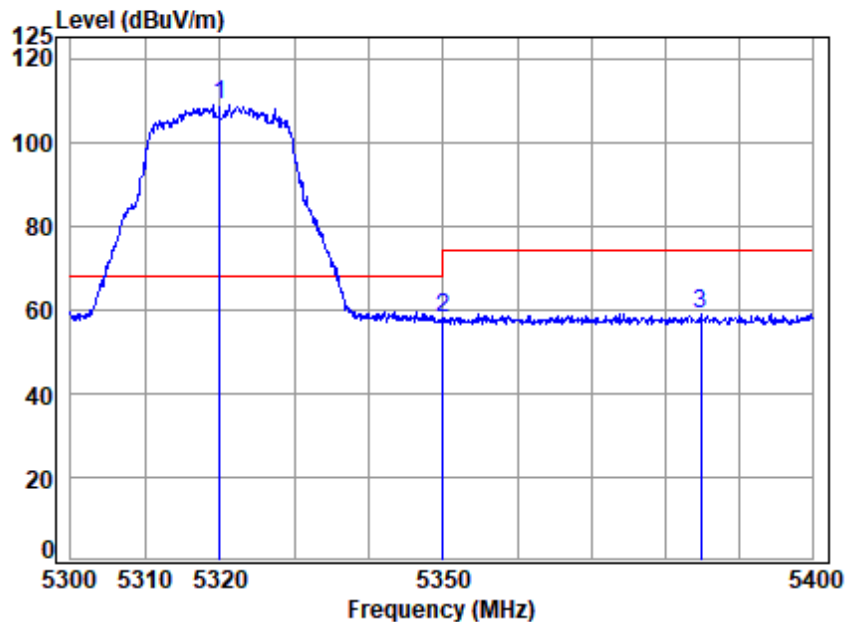
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Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

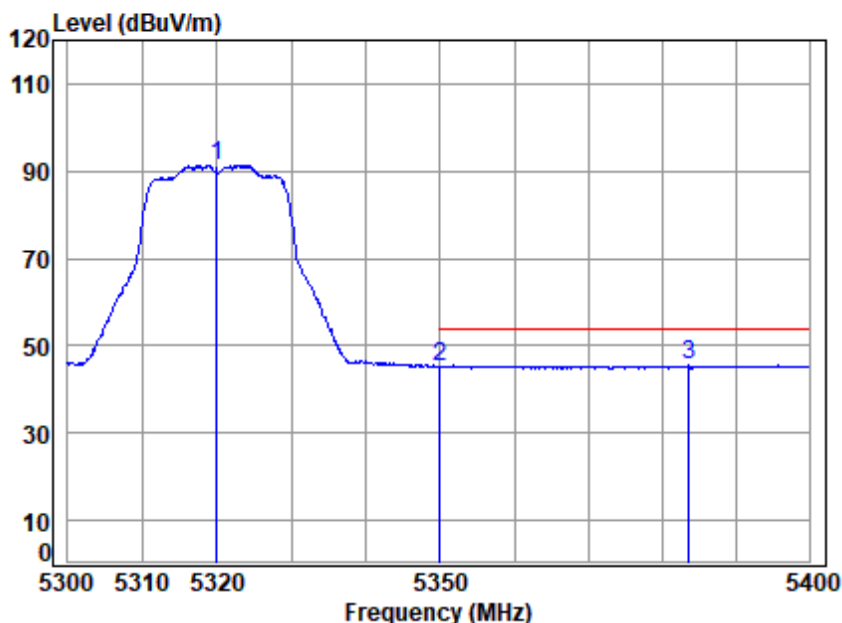
Mode : 5320 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	96.57	108.89	68.20	40.69	Peak
2	5350.020	10.45	32.80	30.76	45.55	58.04	74.00	-15.96	Peak
3	5384.880	10.57	32.80	30.75	46.53	59.15	74.00	-14.85	Peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

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

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5320.000	10.35	32.74	30.77	79.00	91.32	-----	----- Average
2 5350.020	10.45	32.80	30.76	32.83	45.32	54.00	-8.68 Average
3 pp 5383.673	10.56	32.80	30.75	32.84	45.45	54.00	-8.55 Average



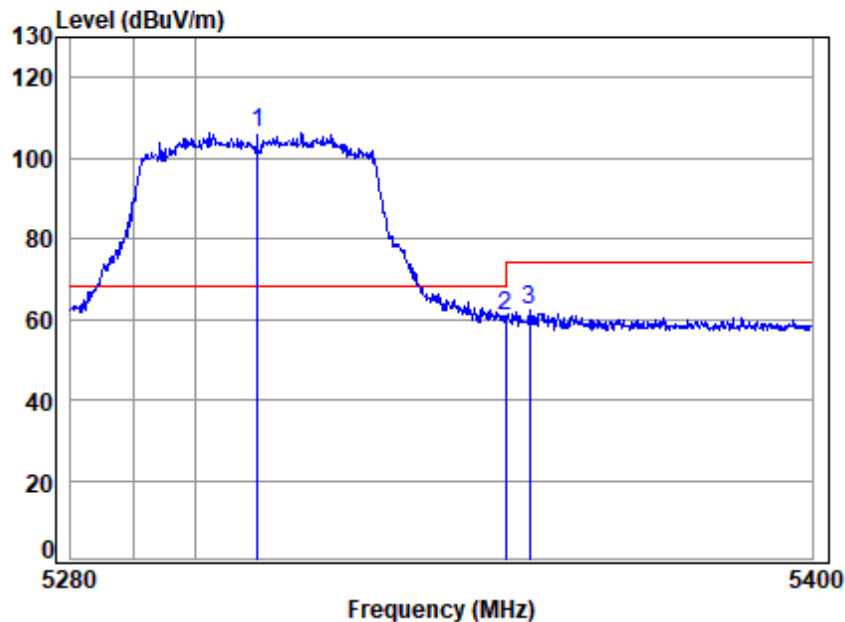
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5310 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	94.01	106.26	68.20	38.06	peak
2	5350.020	10.45	32.80	30.76	48.43	60.92	74.00	-13.08	peak
3	5353.962	10.46	32.80	30.76	49.84	62.34	74.00	-11.66	peak



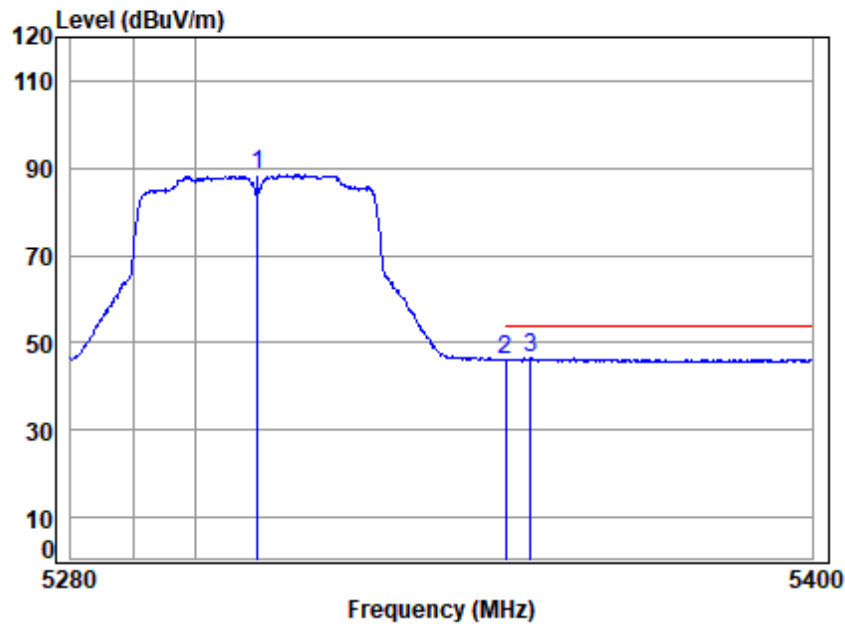
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Test Mode: 18; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

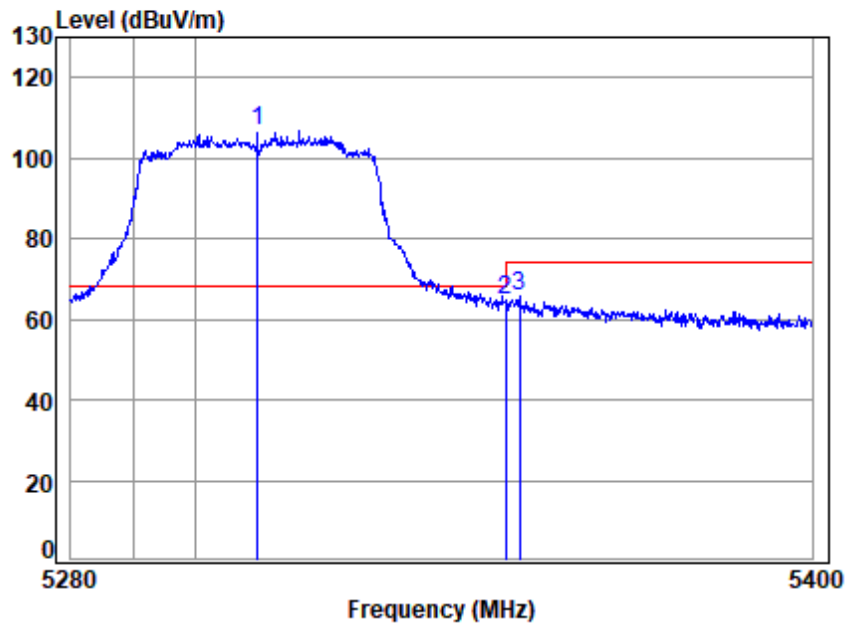
Mode : 5310 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	76.20	88.45	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.69	46.18	54.00	-7.82	Average
3 pp	5354.082	10.46	32.80	30.76	33.93	46.43	54.00	-7.57	Average



Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

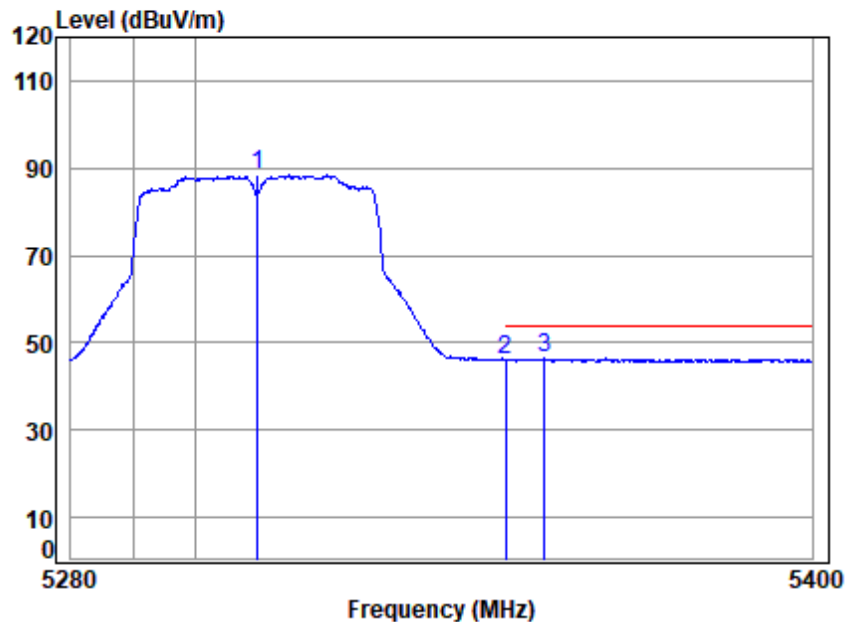
Mode : 5310 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5310.000	10.31	32.72	30.78	94.32	106.57	68.20	38.37	Peak
2	5350.020	10.45	32.80	30.76	52.35	64.84	74.00	-9.16	Peak
3	5352.277	10.46	32.80	30.76	53.03	65.53	74.00	-8.47	Peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

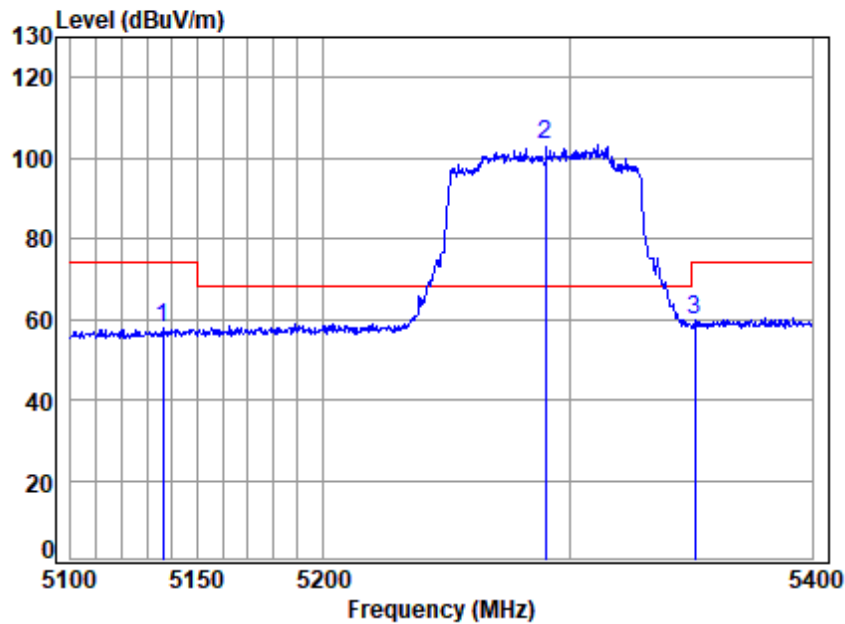
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	76.14	88.39	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.57	46.06	54.00	-7.94	Average
3 pp	5356.369	10.47	32.80	30.76	33.85	46.36	54.00	-7.64	Average



Test Mode: 18; Polarity: Horizontal; Modulation: 802.11be(Full RU0); Bandwidth: 80MHz; Channel: middle



Condition: 3m HORIZONTAL

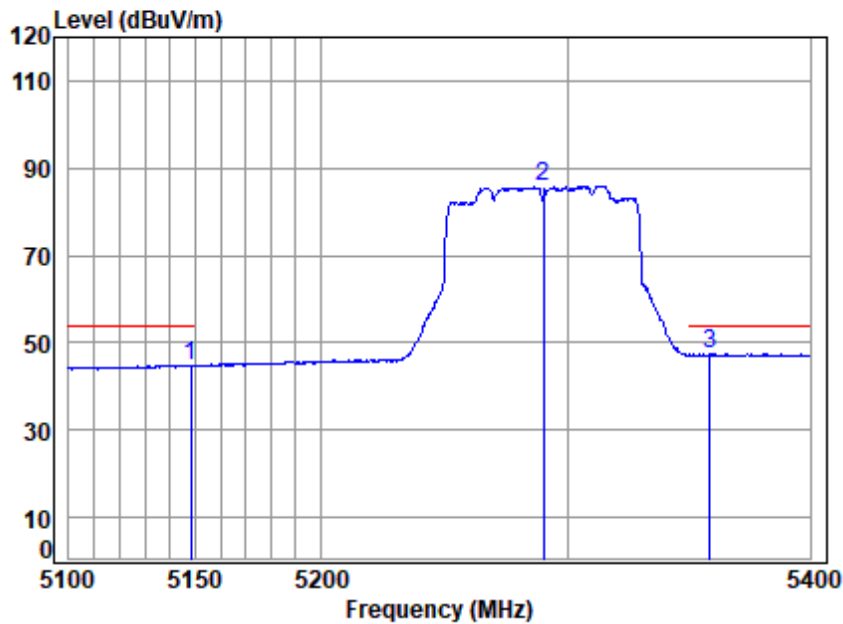
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.275	10.09	32.37	30.85	46.31	57.92	74.00	-16.08	peak
2 pp	5290.000	10.28	32.68	30.78	90.93	103.11	68.20	34.91	peak
3	5351.452	10.45	32.80	30.76	47.10	59.59	74.00	-14.41	peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5290 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.326	10.13	32.40	30.84	33.08	44.77	54.00	-9.23	Average
2	5290.000	10.28	32.68	30.78	73.82	86.00	-----	-----	Average
3 pp	5358.492	10.48	32.80	30.76	34.90	47.42	54.00	-6.58	Average



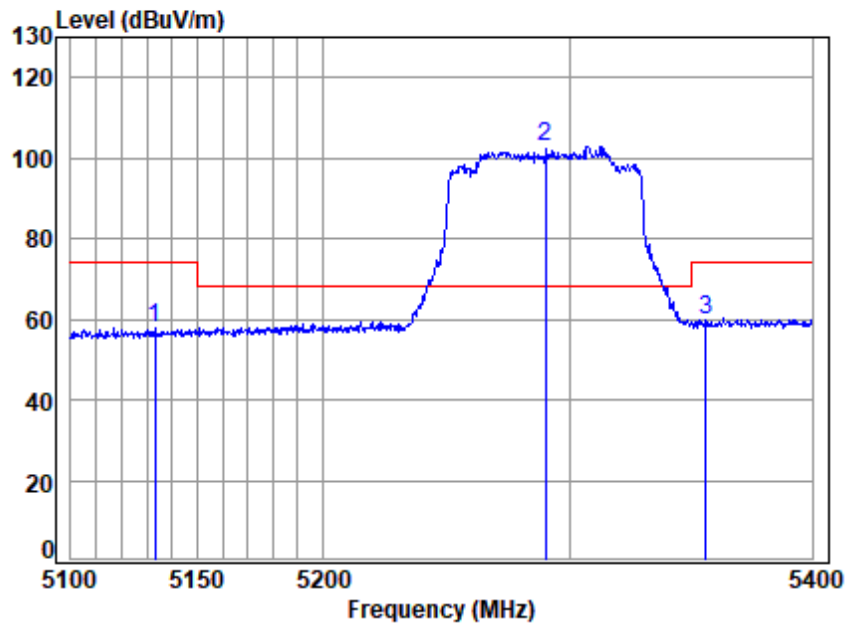
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Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

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

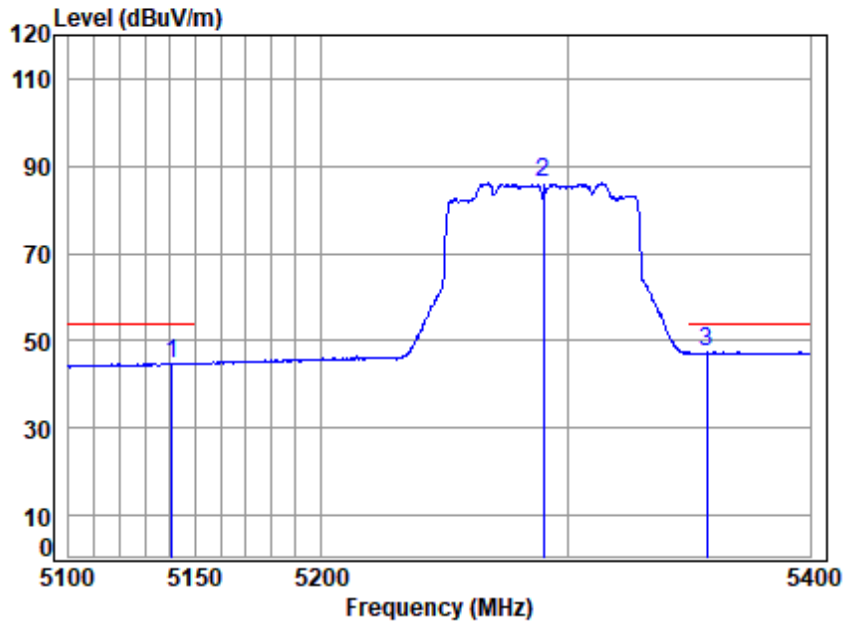
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.340	10.08	32.37	30.85	46.24	57.84	74.00	-16.16	Peak
2 pp	5290.000	10.28	32.68	30.78	90.87	103.05	68.20	34.85	Peak
3	5356.042	10.47	32.80	30.76	47.33	59.84	74.00	-14.16	Peak



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Test Mode: 18; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

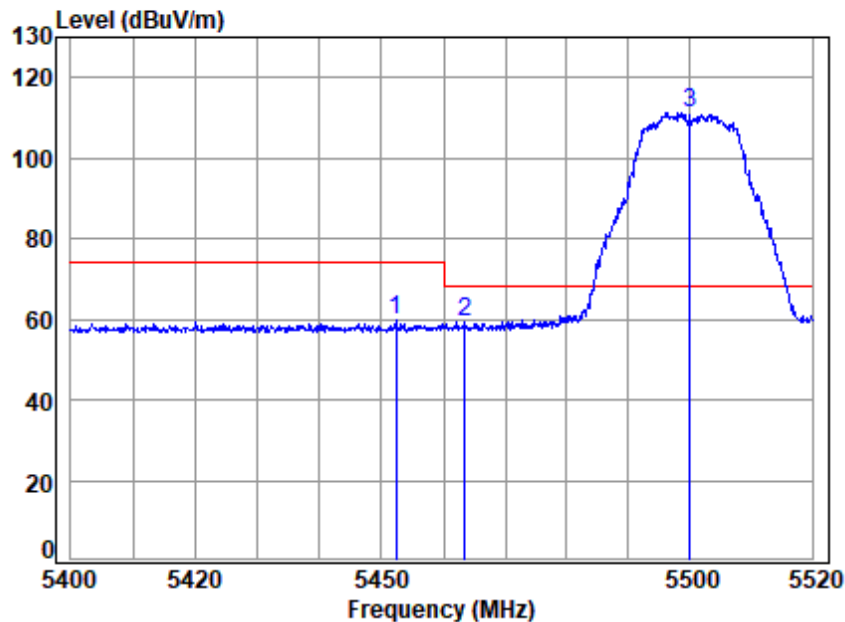
Mode : 5290 Band edge

: 5G Wi-Fi 11be80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.681	10.10	32.38	30.84	33.28	44.92	54.00	-9.08	Average
2	5290.000	10.28	32.68	30.78	73.95	86.13	-----	-----	Average
3 pp	5357.267	10.47	32.80	30.76	34.77	47.28	54.00	-6.72	Average



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



Condition: 3m HORIZONTAL

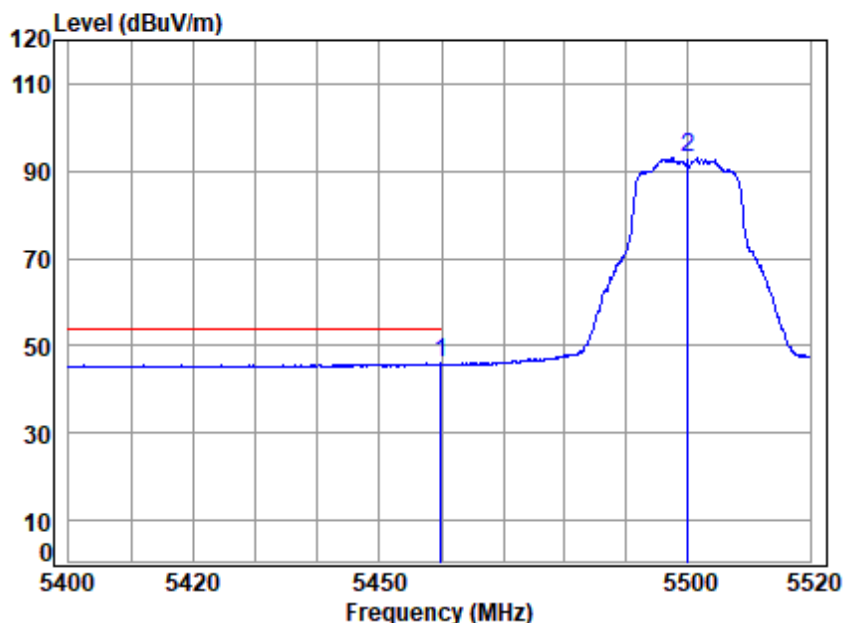
Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5452.355	10.60	32.90	30.72	46.98	59.76	74.00	-14.24	peak
5463.392	10.59	32.90	30.71	46.78	59.56	68.20	-8.64	peak
5500.000	10.58	32.90	30.70	98.52	111.30	68.20	43.10	peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.910	10.60	32.90	30.72	33.12	45.90	54.00	-8.10	Average
2	5500.000	10.58	32.90	30.70	80.19	92.97	-----	-----	Average



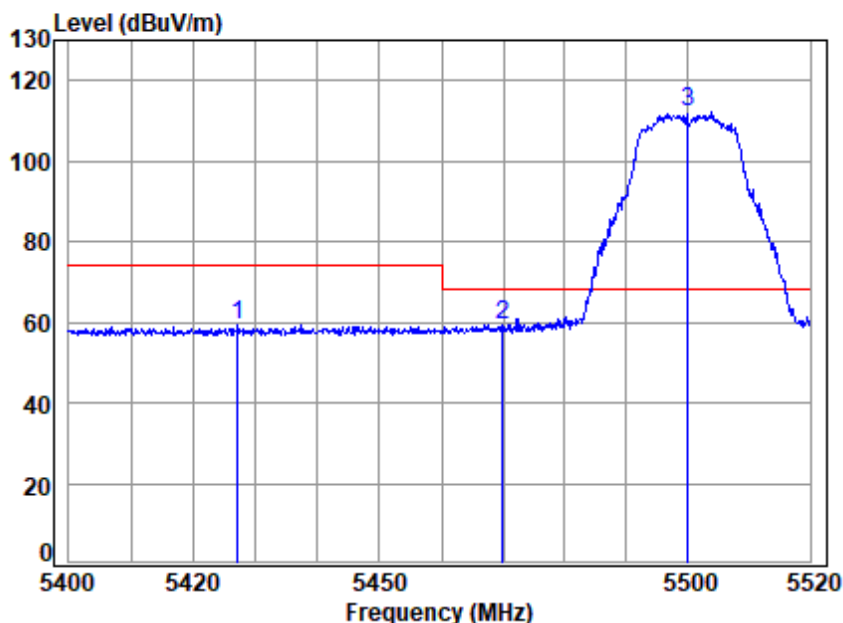
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Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5427.128	10.61	32.85	30.73	46.37	59.10	74.00	-14.90	Peak
2	5469.880	10.59	32.90	30.71	46.56	59.34	68.20	-8.86	peak
3	pp 5500.000	10.58	32.90	30.70	99.25	112.03	68.20	43.83	Peak



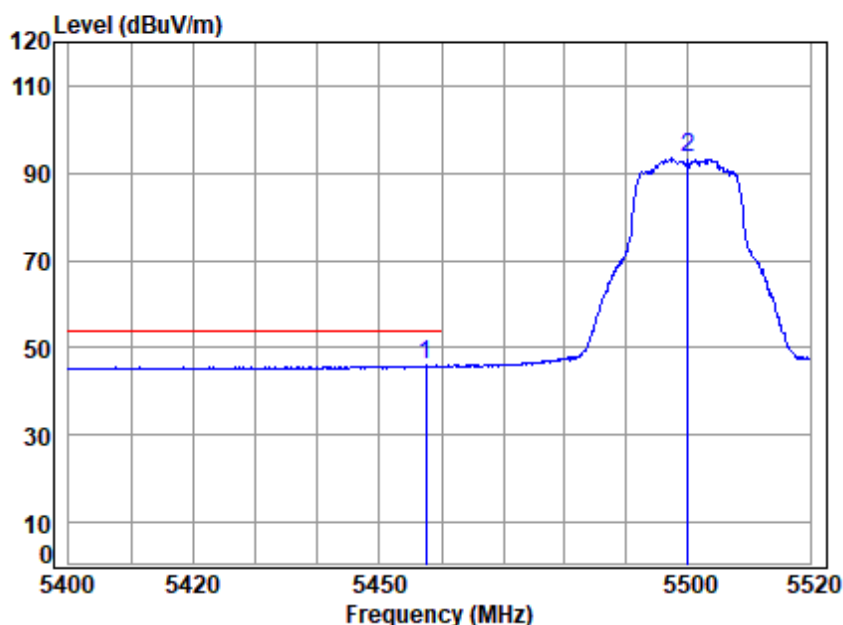
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Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5500 Band edge

: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5457.511	10.60	32.90	30.72	33.16	45.94	54.00	-8.06	Average
2	5500.000	10.58	32.90	30.70	80.56	93.34	-----	-----	Average



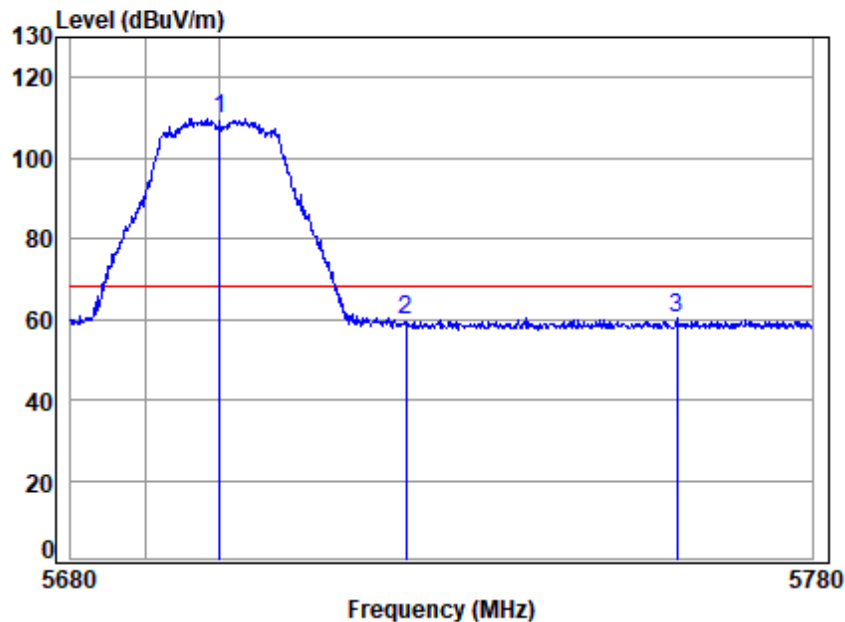
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5700 Band edge
: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	96.59	109.73	68.20	41.53	peak
2	5725.000	10.68	33.25	30.61	46.55	59.87	68.20	-8.33	peak
3	5761.670	10.84	33.32	30.60	46.54	60.10	68.20	-8.10	peak



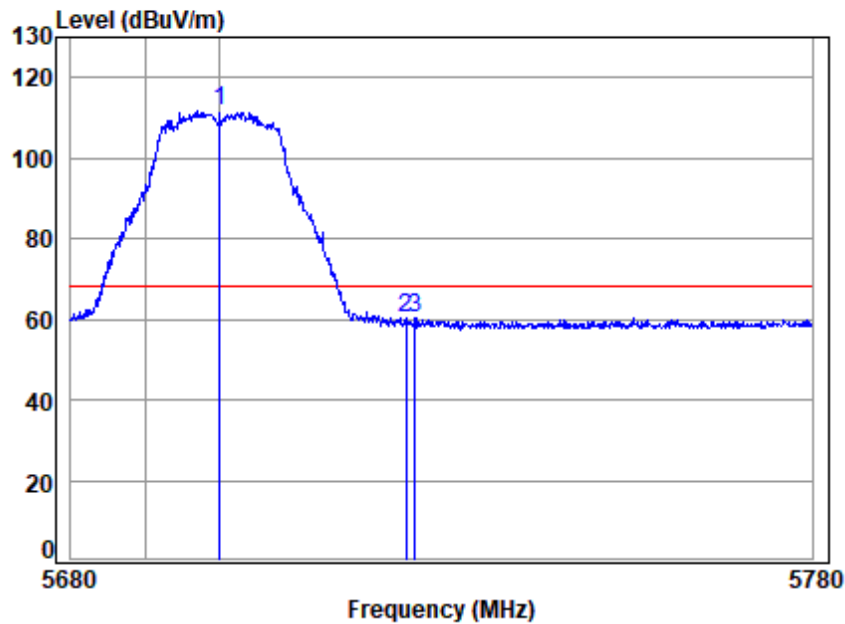
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Test Mode: 20; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

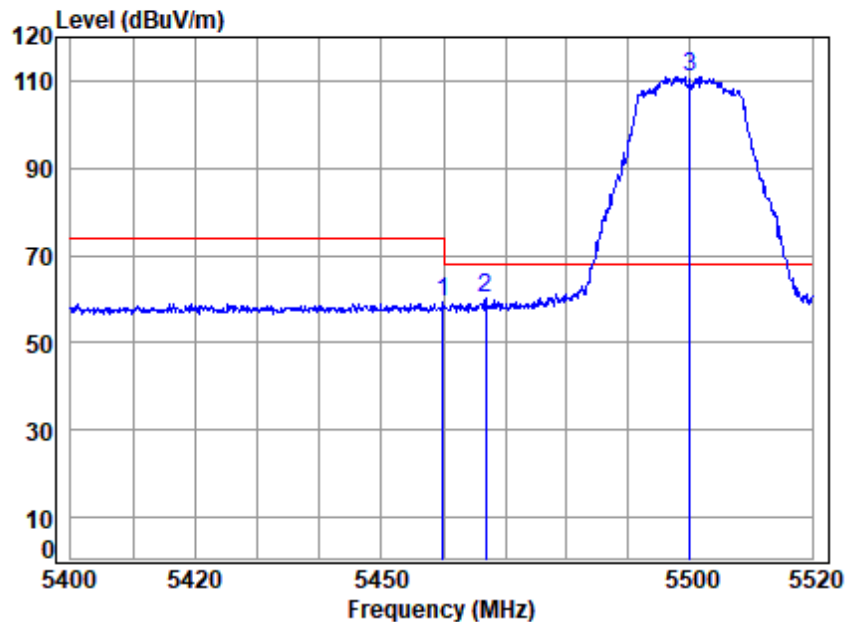
Job No : 02150AT

Mode : 5700 Band edge
: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	98.47	111.61	68.20	43.41	Peak
2	5725.000	10.68	33.25	30.61	46.96	60.28	68.20	-7.92	Peak
3	5726.283	10.68	33.25	30.61	46.96	60.28	68.20	-7.92	Peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.910	10.60	32.90	30.72	46.31	59.09	74.00	-14.91 peak
2	5466.875	10.59	32.90	30.71	47.62	60.40	68.20	-7.80 peak
3	pp 5500.000	10.58	32.90	30.70	98.14	110.92	68.20	42.72 peak



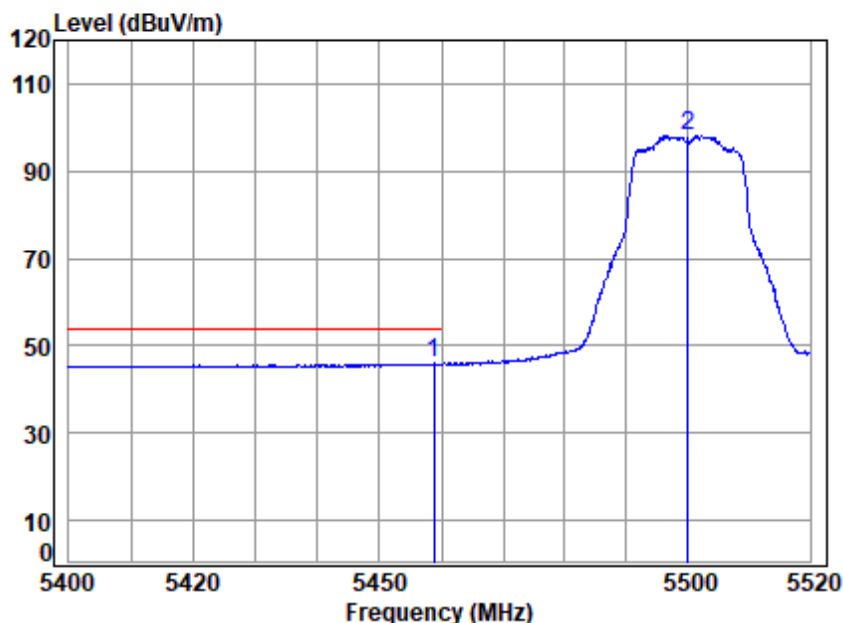
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

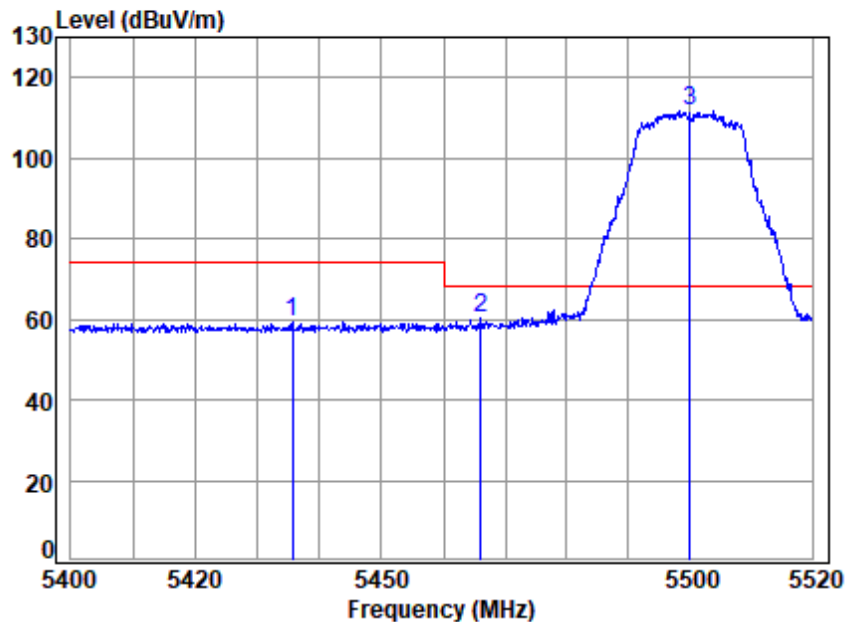
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5458.831	10.60	32.90	30.72	33.13	45.91	54.00	-8.09	Average
2	5500.000	10.58	32.90	30.70	85.41	98.19	-----	-----	Average



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



Condition: 3m VERTICAL

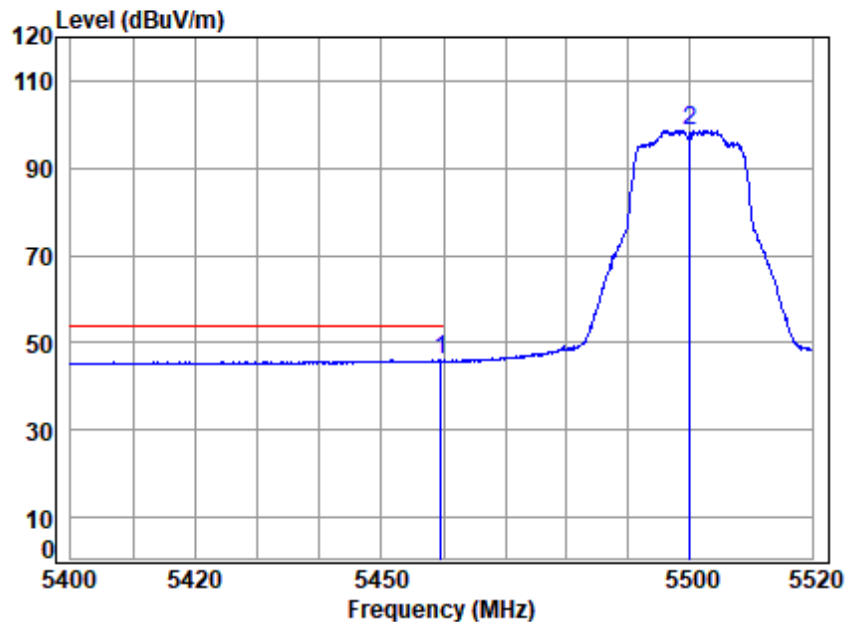
Job No : 02150AT

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

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5435.604	10.61	32.87	30.73	46.73	59.48	74.00	-14.52 Peak
2 5466.034	10.59	32.90	30.71	47.44	60.22	68.20	-7.98 peak
3 pp 5500.000	10.58	32.90	30.70	98.81	111.59	68.20	43.39 Peak



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



Condition: 3m VERTICAL

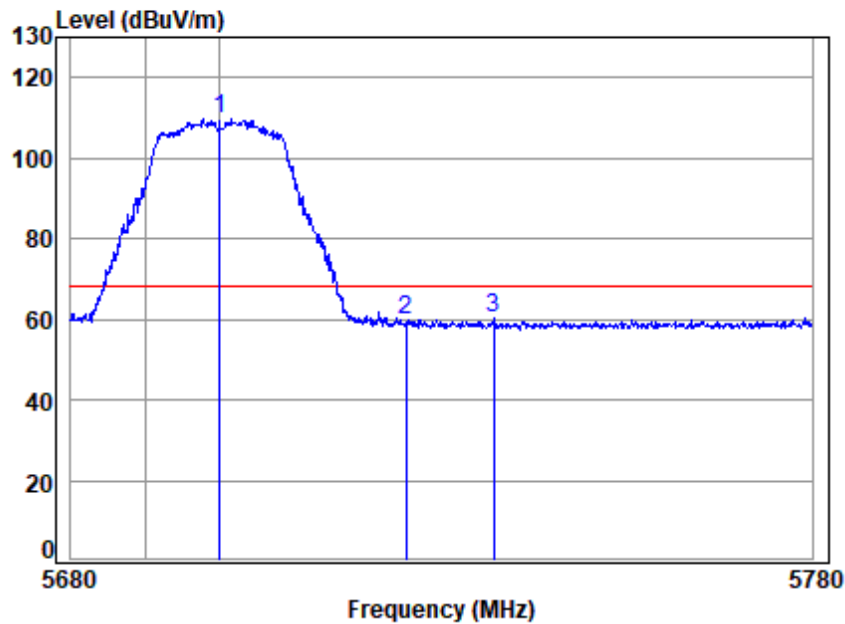
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.550	10.60	32.90	30.72	33.16	45.94	54.00	-8.06	Average
2	5500.000	10.58	32.90	30.70	85.95	98.73	-----	-----	Average



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



Condition: 3m HORIZONTAL

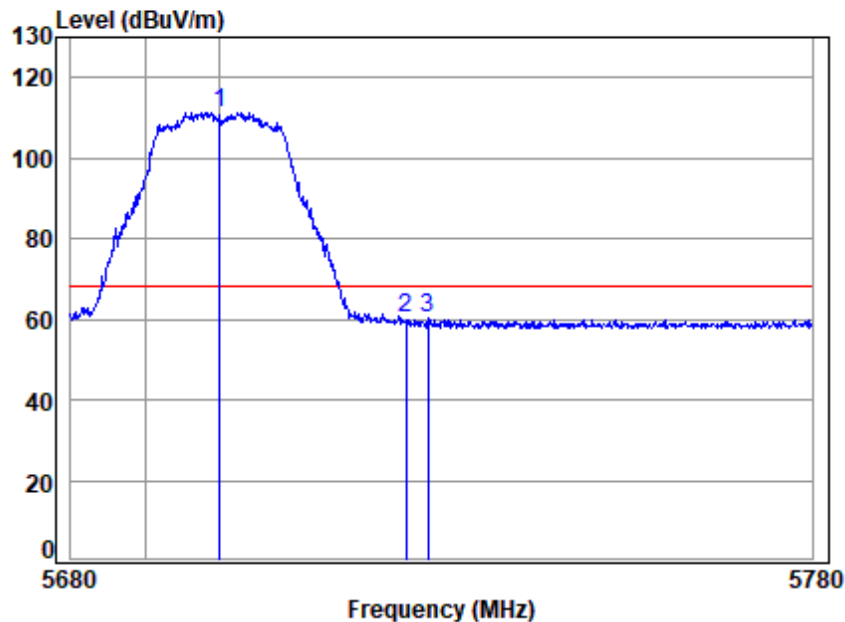
Job No : 02150AT

Mode : 5700 Band edge
: 5G Wi-Fi 11n20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	96.60	109.74	68.20	41.54	peak
2	5725.000	10.68	33.25	30.61	46.56	59.88	68.20	-8.32	peak
3	5736.786	10.73	33.27	30.61	47.04	60.43	68.20	-7.77	peak



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



Condition: 3m VERTICAL

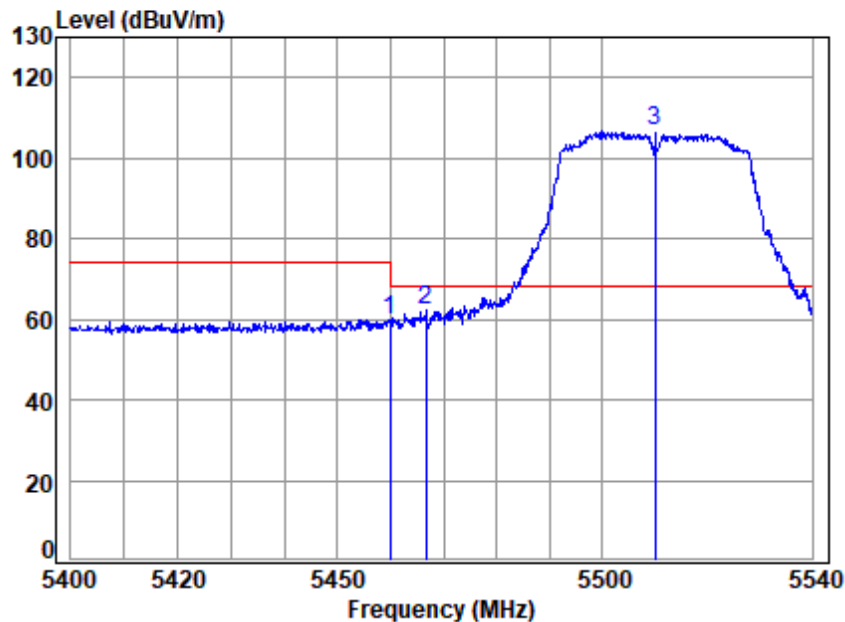
Job No : 02150AT

Mode : 5700 Band edge
: 5G Wi-Fi 11n20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	98.29	111.43	68.20	43.23	Peak
2	5725.000	10.68	33.25	30.61	47.17	60.49	68.20	-7.71	Peak
3	5727.982	10.69	33.26	30.61	47.15	60.49	68.20	-7.71	Peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

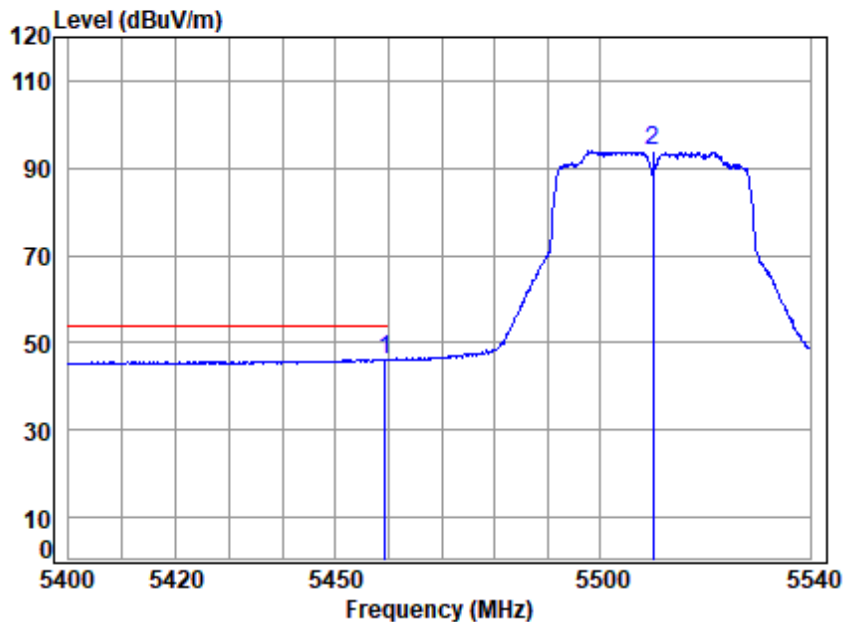
Job No : 02150AT

Mode : 5510 Band edge
: 5G Wi-Fi 11n40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.901	10.60	32.90	30.72	47.21	59.99	74.00	-14.01 peak
2	5466.613	10.59	32.90	30.71	49.70	62.48	68.20	-5.72 peak
3	pp 5510.000	10.56	32.90	30.70	93.87	106.63	68.20	38.43 peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

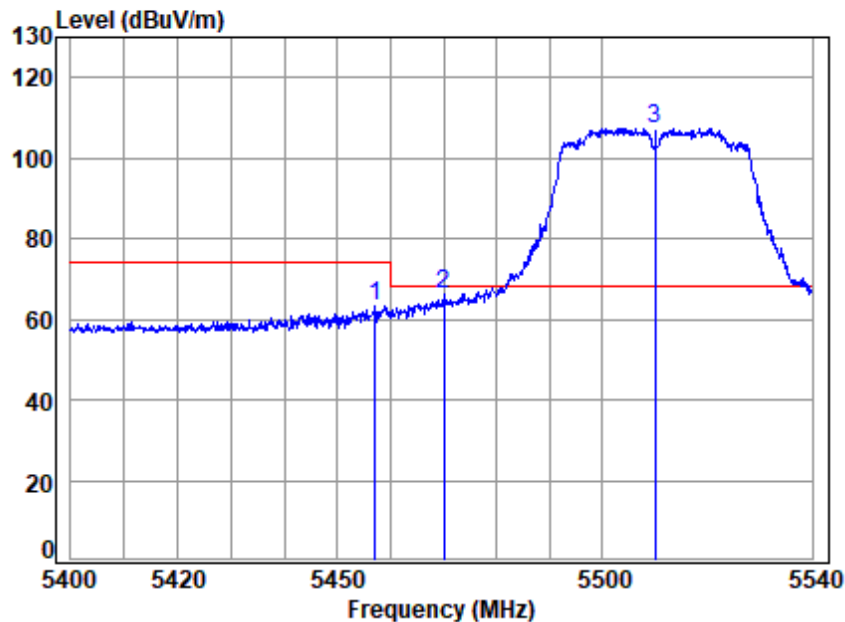
Job No : 02150AT

Mode : 5510 Band edge
: 5G Wi-Fi 11n40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.342	10.60	32.90	30.72	33.42	46.20	54.00	-7.80	Average
2	5510.000	10.56	32.90	30.70	81.16	93.92	-----	-----	Average



Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

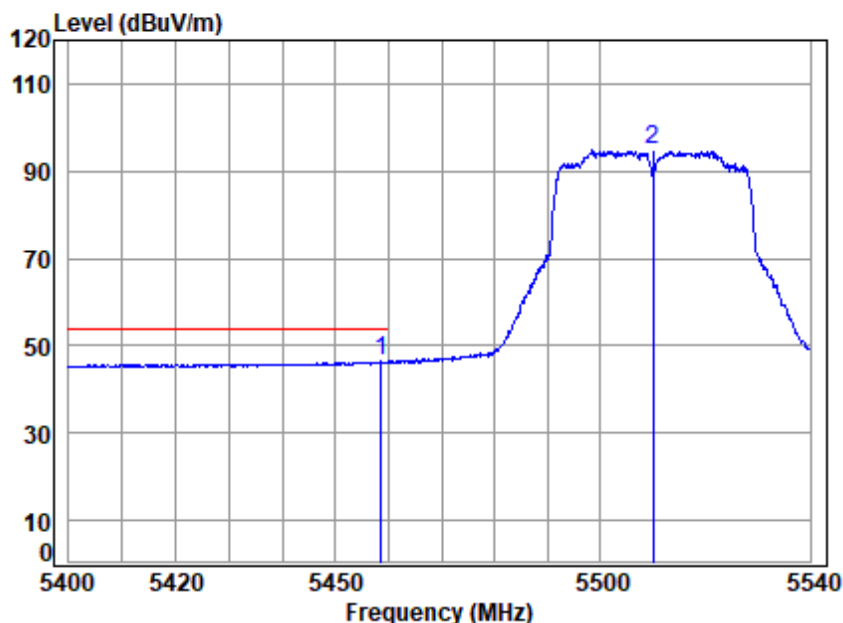
Job No : 02150AT

Mode : 5510 Band edge
: 5G Wi-Fi 11n40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.106	10.60	32.90	30.72	50.52	63.30	74.00	-10.70	Peak
2	5469.972	10.59	32.90	30.71	53.25	66.03	68.20	-2.17	peak
3 pp	5510.000	10.56	32.90	30.70	94.73	107.49	68.20	39.29	Peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5510 Band edge
: 5G Wi-Fi 11n40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5458.503	10.60	32.90	30.72	33.64	46.42	54.00	-7.58	Average
2 5510.000	10.56	32.90	30.70	81.96	94.72	-----	-----	Average



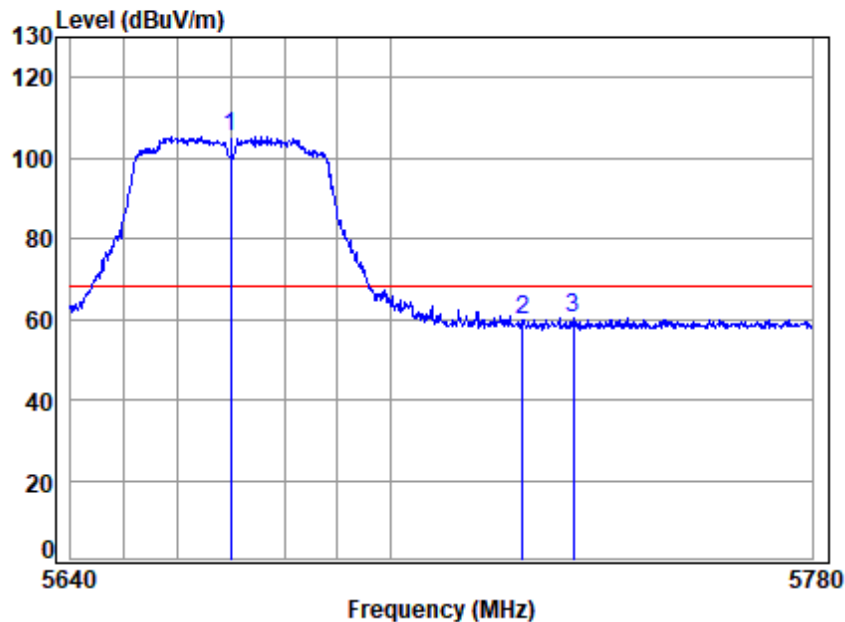
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

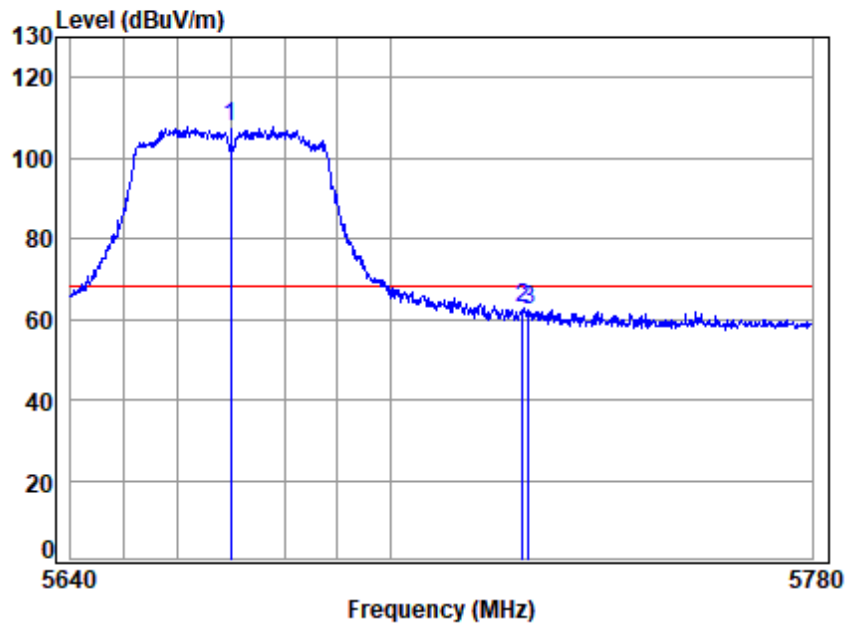
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	92.15	105.18	68.20	36.98	peak
2	5725.000	10.68	33.25	30.61	46.73	60.05	68.20	-8.15	peak
3	5734.545	10.72	33.27	30.61	46.88	60.26	68.20	-7.94	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

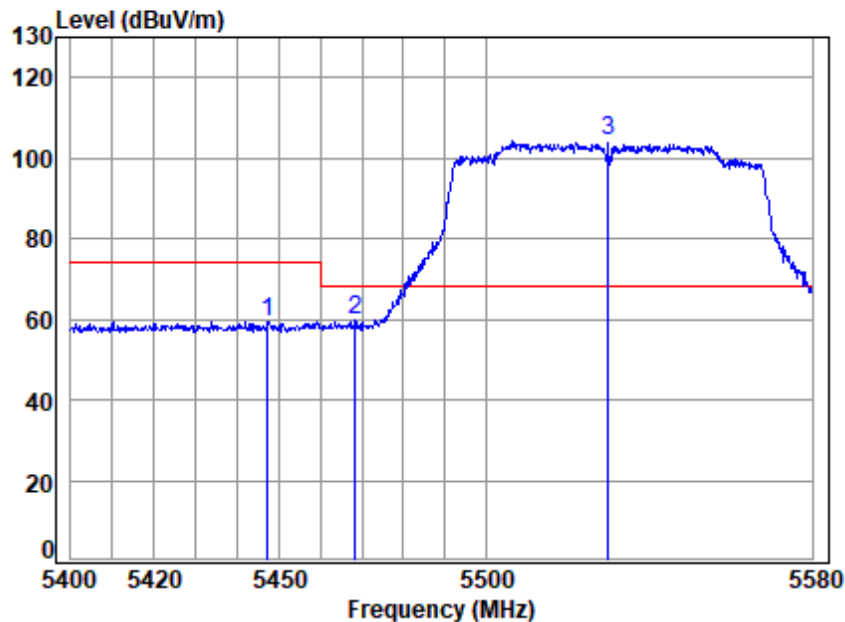
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	94.61	107.64	68.20	39.44	Peak
2	5725.000	10.68	33.25	30.61	49.50	62.82	68.20	-5.38	Peak
3	5725.974	10.68	33.25	30.61	49.07	62.39	68.20	-5.81	Peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

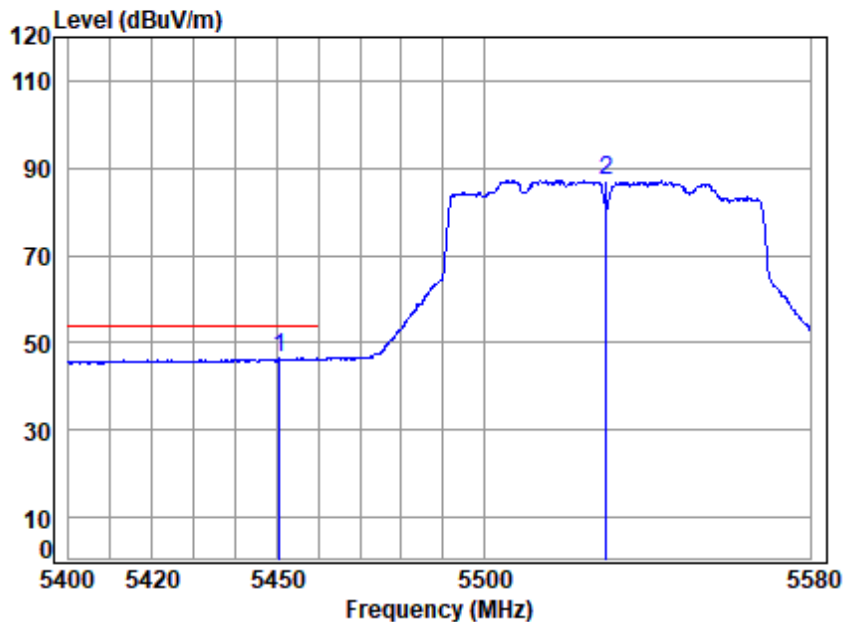
Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5447.305	10.60	32.89	30.72	46.71	59.48	74.00	-14.52	peak
2	5468.423	10.59	32.90	30.71	46.81	59.59	68.20	-8.61	peak
3	pp 5530.000	10.53	32.90	30.69	91.57	104.31	68.20	36.11	peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

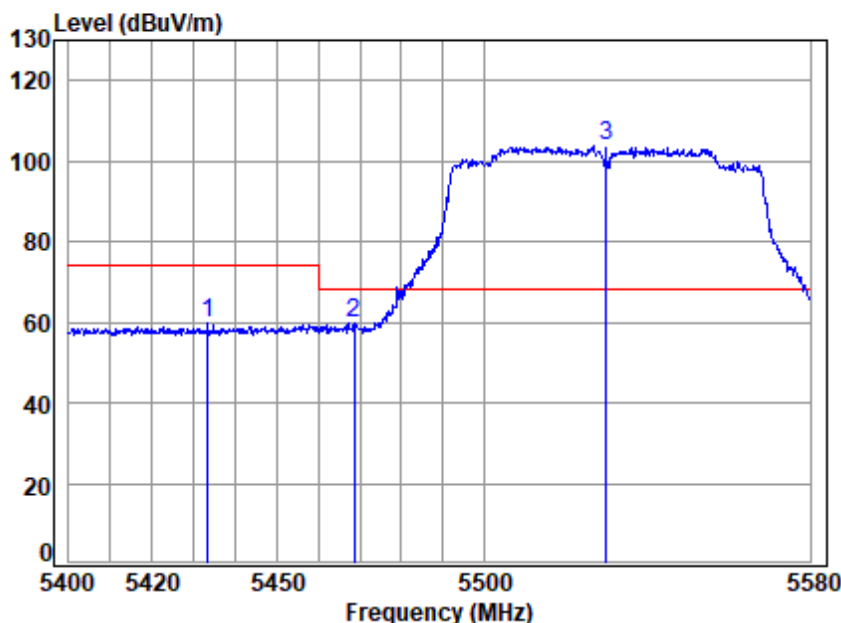
Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5450.521	10.60	32.90	30.72	33.64	46.42	54.00	-7.58	Average	
2 5530.000	10.53	32.90	30.69	74.62	87.36	-----	-----	Average	



Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

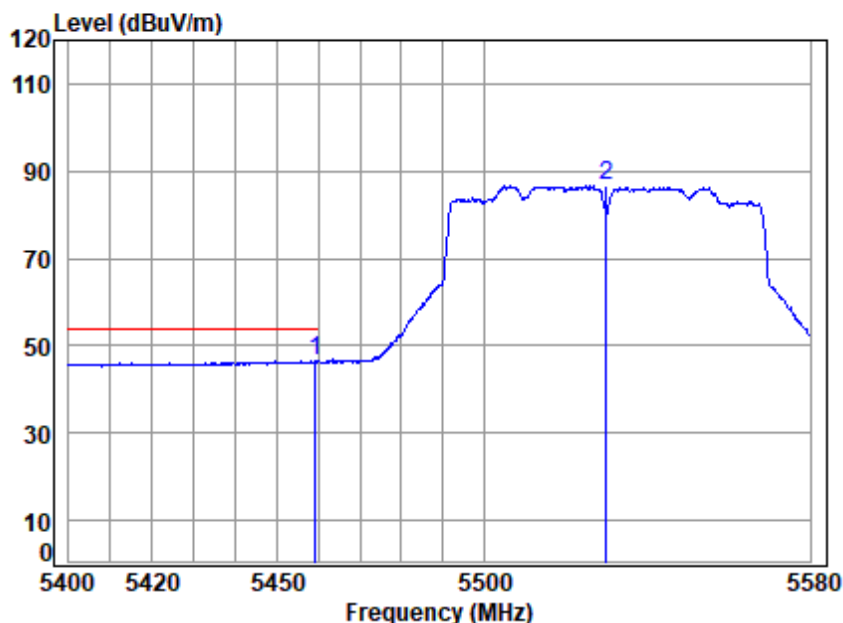
Job No : 02150AT

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

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5433.213	10.61	32.87	30.73	46.96	59.71	74.00 -14.29 Peak
2	5468.602	10.59	32.90	30.71	46.99	59.77	68.20 -8.43 peak
3	pp 5530.000	10.53	32.90	30.69	91.05	103.79	68.20 35.59 Peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

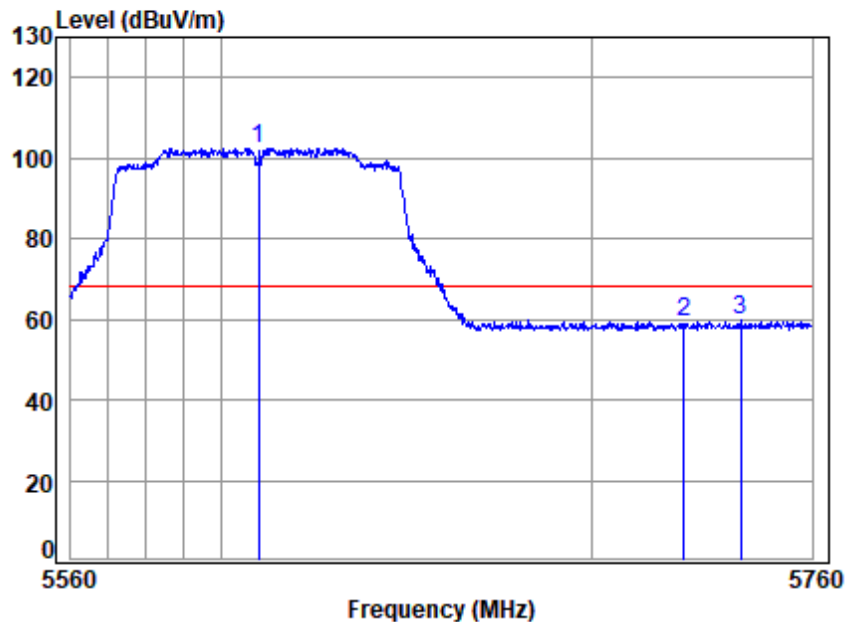
Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5459.286	10.60	32.90	30.72	33.81	46.59	54.00	-7.41	Average	
2 5530.000	10.53	32.90	30.69	73.93	86.67	-----	-----	Average	



Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

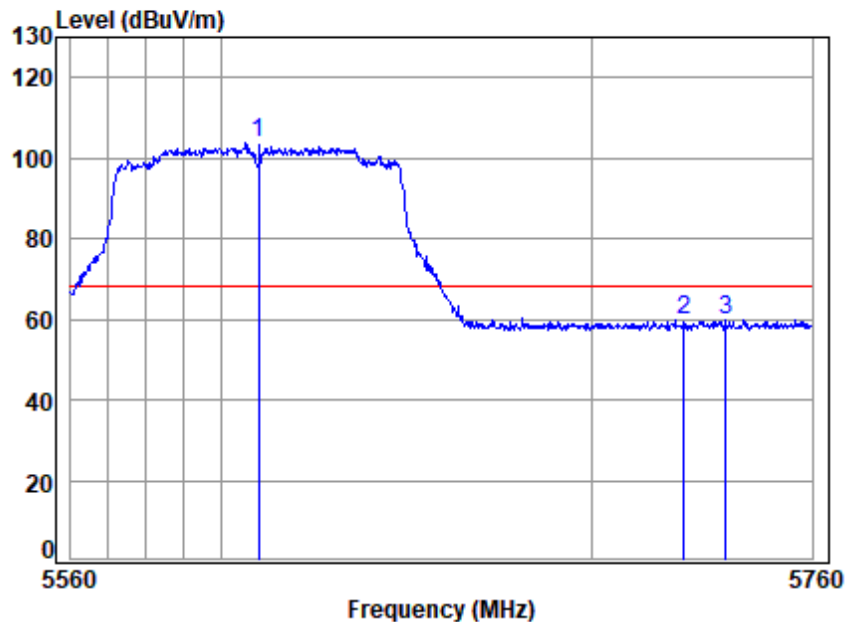
Job No : 02150AT

Mode : 5610 Band edge
: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	89.76	102.55	68.20	34.35	peak
2	5725.000	10.68	33.25	30.61	45.85	59.17	68.20	-9.03	peak
3	5740.492	10.75	33.28	30.60	46.22	59.65	68.20	-8.55	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

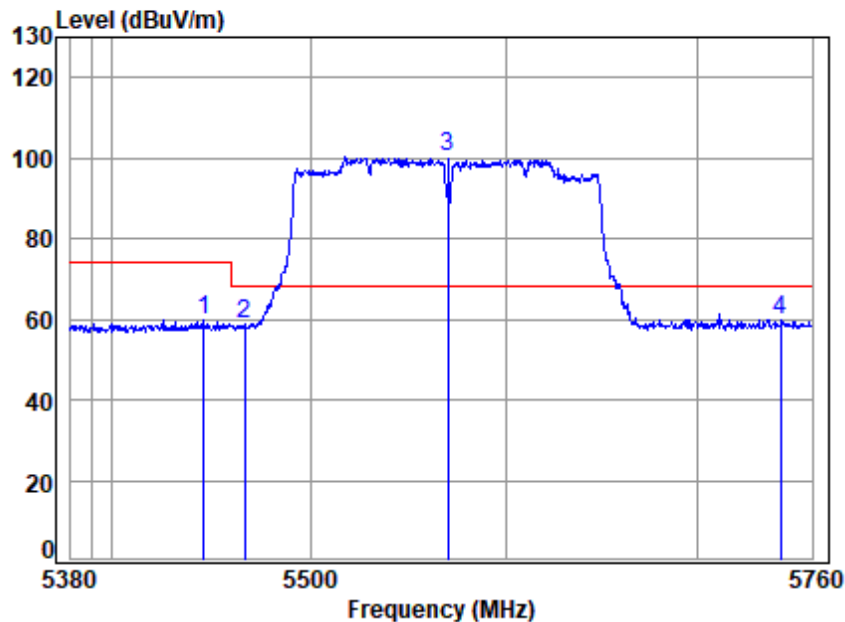
Job No : 02150AT

Mode : 5610 Band edge
: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	91.06	103.85	68.20	35.65	Peak
2	5725.000	10.68	33.25	30.61	46.27	59.59	68.20	-8.61	peak
3	5736.233	10.73	33.27	30.61	46.35	59.74	68.20	-8.46	Peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5446.500	10.60	32.89	30.72	46.88	59.65	74.00	-14.35	peak
2	5466.610	10.59	32.90	30.71	46.01	58.79	68.20	-9.41	peak
3 pp	5570.000	10.46	32.94	30.67	87.60	100.33	68.20	32.13	peak
4	5743.513	10.76	33.29	30.60	46.48	59.93	68.20	-8.27	peak



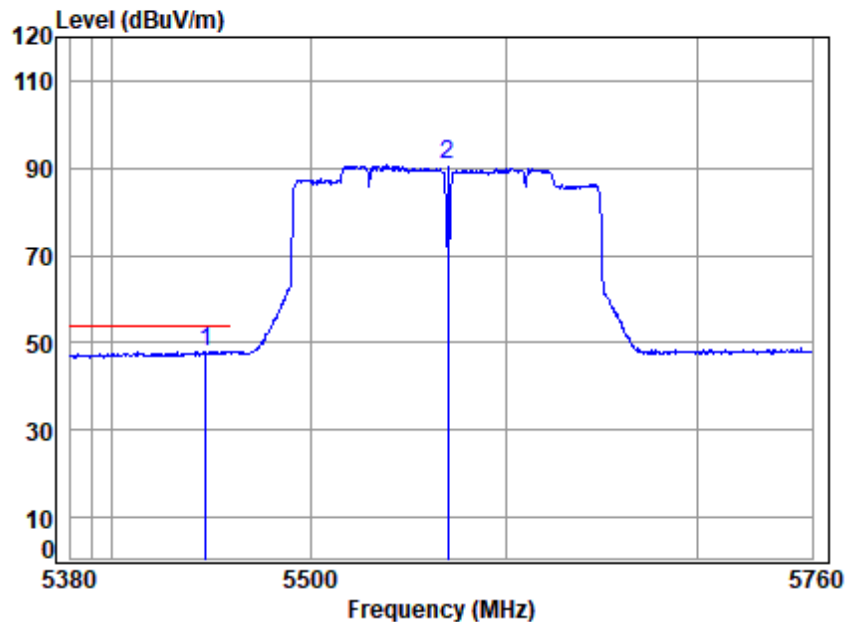
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 20; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

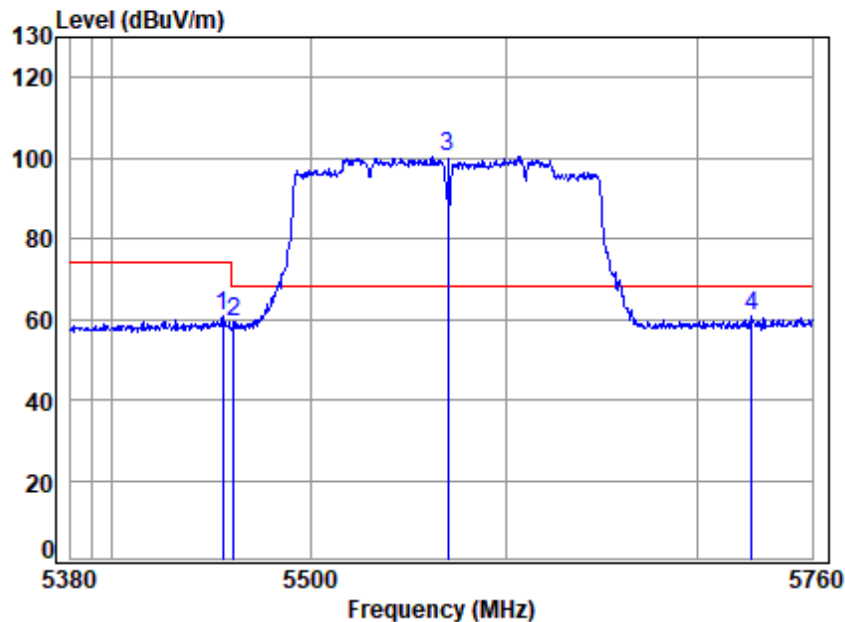
Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5447.244	10.60	32.89	30.72	35.36	48.13	54.00	-5.87	Average
2	5570.000	10.46	32.94	30.67	77.87	90.60	-----	-----	Average



Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

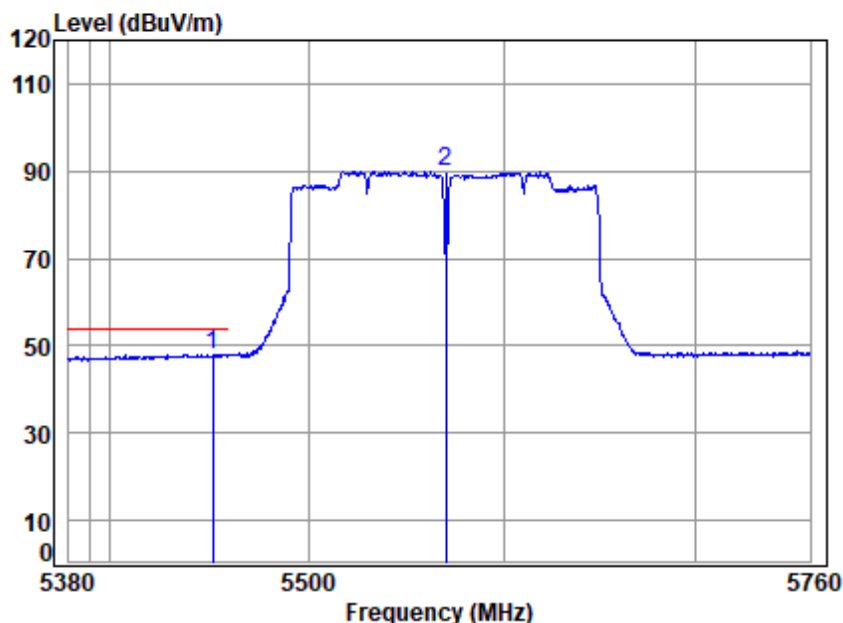
Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5455.801	10.60	32.90	30.72	47.88	60.66	74.00	-13.34	peak
2	5461.389	10.60	32.90	30.72	46.65	59.43	68.20	-8.77	peak
3 pp	5570.000	10.46	32.94	30.67	87.80	100.53	68.20	32.33	peak
4	5728.246	10.69	33.26	30.61	47.29	60.63	68.20	-7.57	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

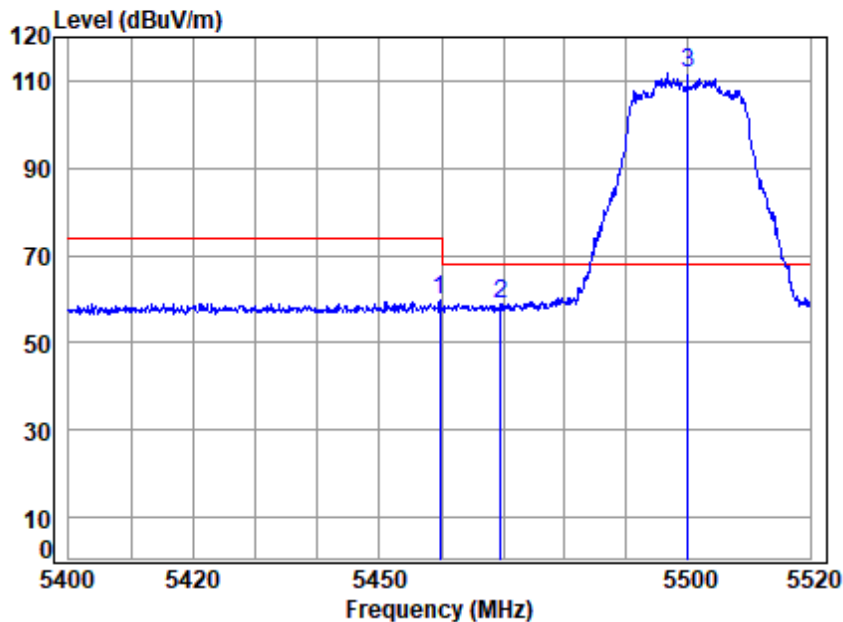
Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5451.707	10.60	32.90	30.72	35.34	48.12	54.00	-5.88	Average
2	5570.000	10.46	32.94	30.67	77.33	90.06	-----	-----	Average



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



Condition: 3m HORIZONTAL

Job No : 02150AT

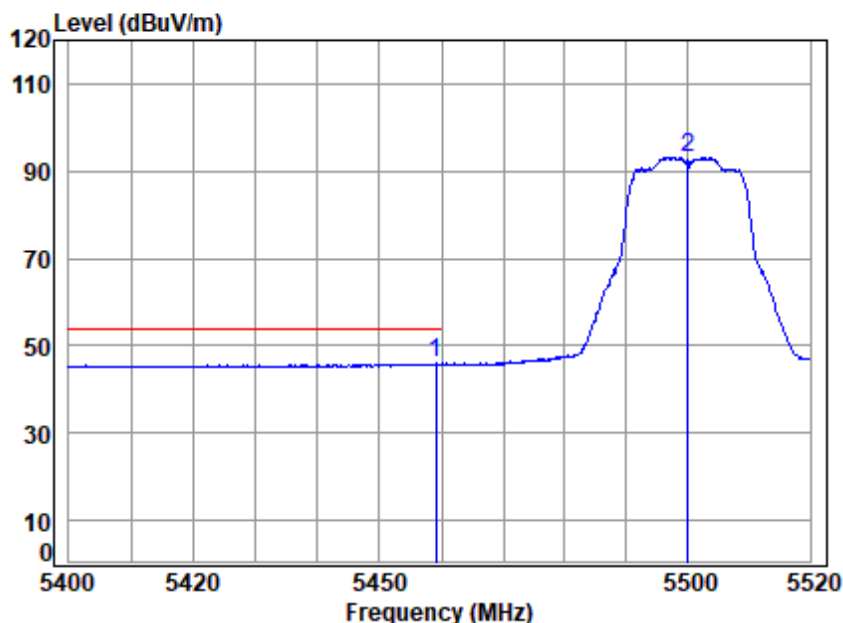
Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.791	10.60	32.90	30.72	47.17	59.95	74.00	-14.05	peak
2	5469.639	10.59	32.90	30.71	46.30	59.08	68.20	-9.12	peak
3 pp	5500.000	10.58	32.90	30.70	99.09	111.87	68.20	43.67	peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

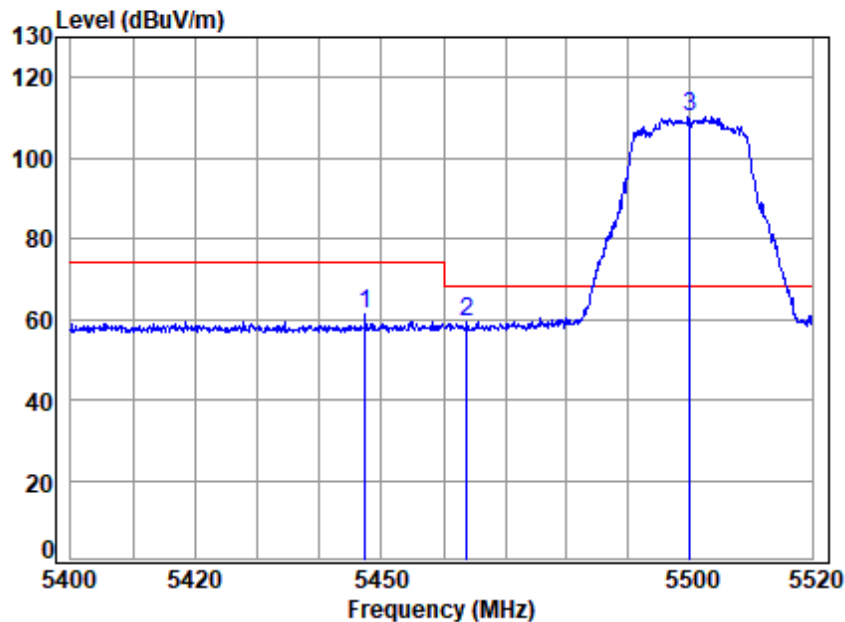
Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.070	10.60	32.90	30.72	33.18	45.96	54.00	-8.04	Average
2	5500.000	10.58	32.90	30.70	80.50	93.28	-----	-----	Average



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



Condition: 3m VERTICAL

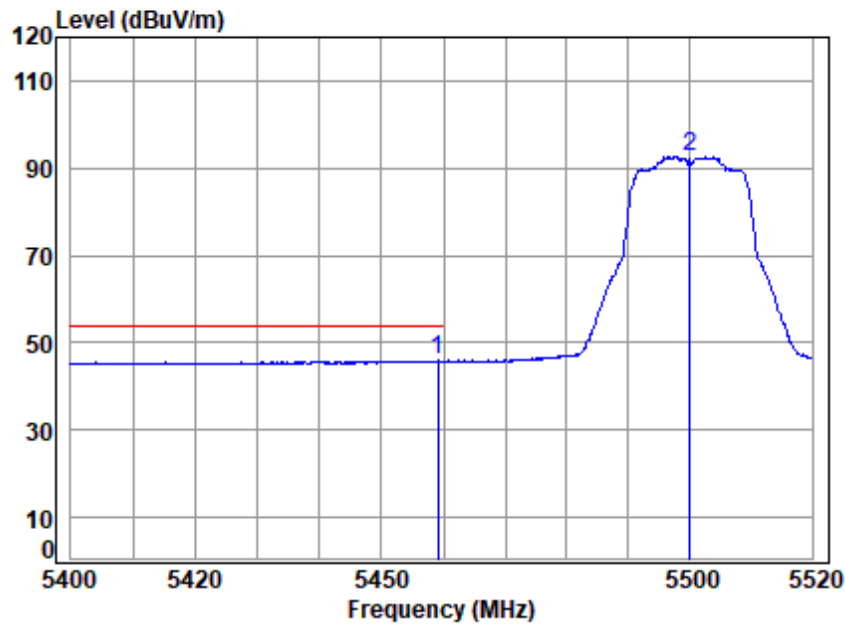
Job No : 02150AT

Mode : 5500 Band edge
: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5447.325	10.60	32.89	30.72	48.28	61.05	74.00	-12.95	Peak
2	5463.752	10.59	32.90	30.71	46.52	59.30	68.20	-8.90	peak
3	pp 5500.000	10.58	32.90	30.70	97.38	110.16	68.20	41.96	Peak



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



Condition: 3m VERTICAL

Job No : 02150AT

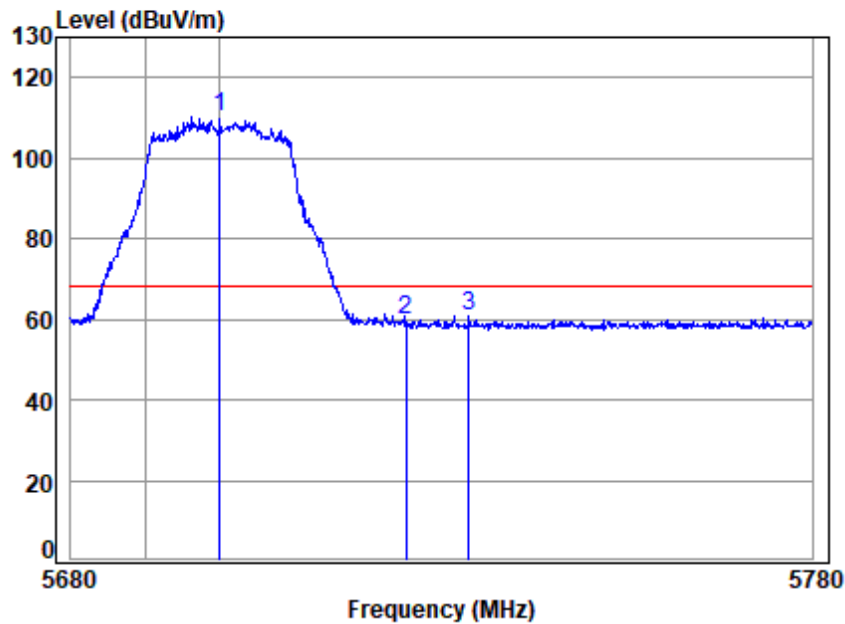
Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.070	10.60	32.90	30.72	33.25	46.03	54.00	-7.97 Average
2	5500.000	10.58	32.90	30.70	79.87	92.65	-----	----- Average



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



Condition: 3m HORIZONTAL

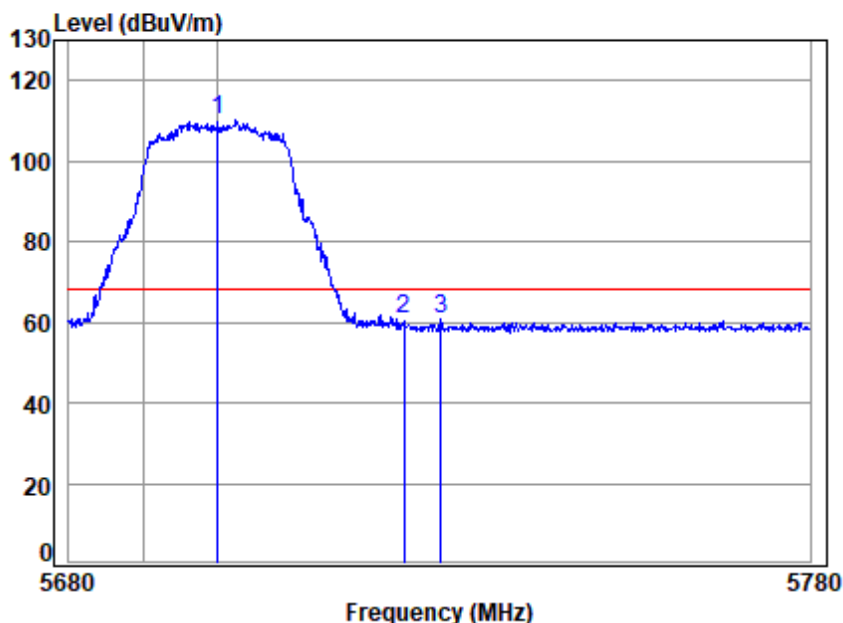
Job No : 02150AT

Mode : 5700 Band edge
: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	97.00	110.14	68.20	41.94	peak
2	5725.000	10.68	33.25	30.61	46.58	59.90	68.20	-8.30	peak
3	5733.483	10.71	33.27	30.61	47.30	60.67	68.20	-7.53	peak



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



Condition: 3m VERTICAL

Job No : 02150AT

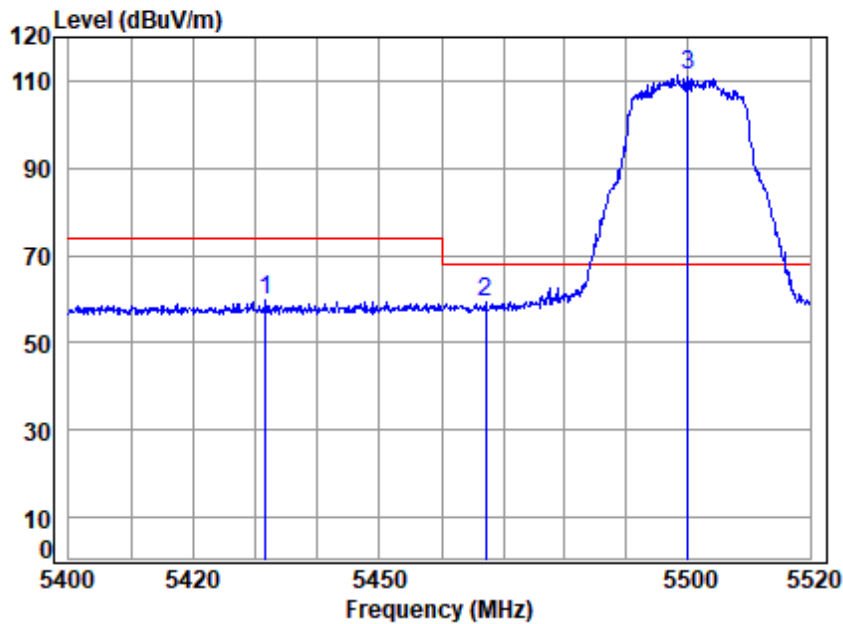
Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	96.99	110.13	68.20	41.93	Peak
2	5725.000	10.68	33.25	30.61	47.23	60.55	68.20	-7.65	Peak
3	5729.982	10.70	33.26	30.61	47.20	60.55	68.20	-7.65	Peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5500 Band edge

: 5G Wi-Fi 11be20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5431.663	10.61	32.86	30.73	47.09	59.83	74.00	-14.17 peak
2	5467.235	10.59	32.90	30.71	46.37	59.15	68.20	-9.05 peak
3	pp 5500.000	10.58	32.90	30.70	98.53	111.31	68.20	43.11 peak



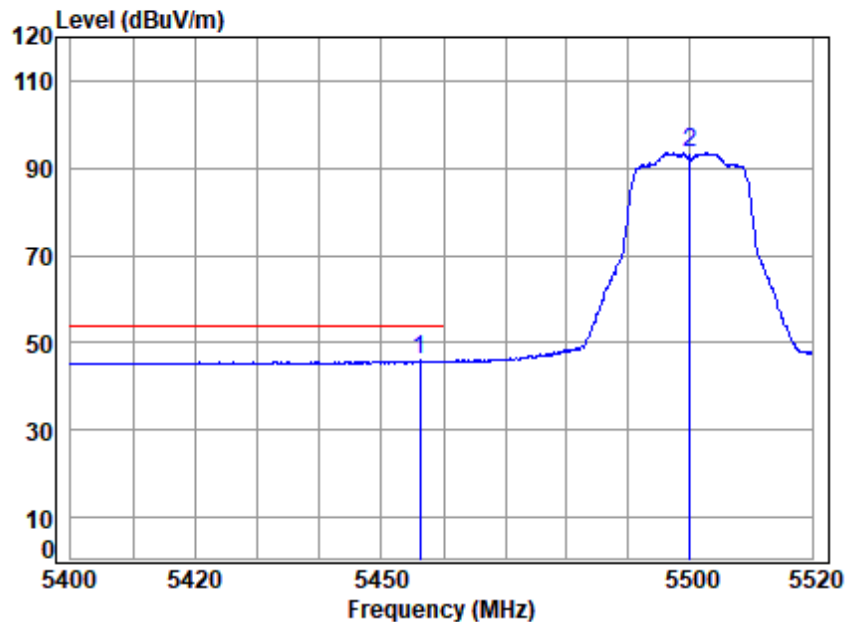
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

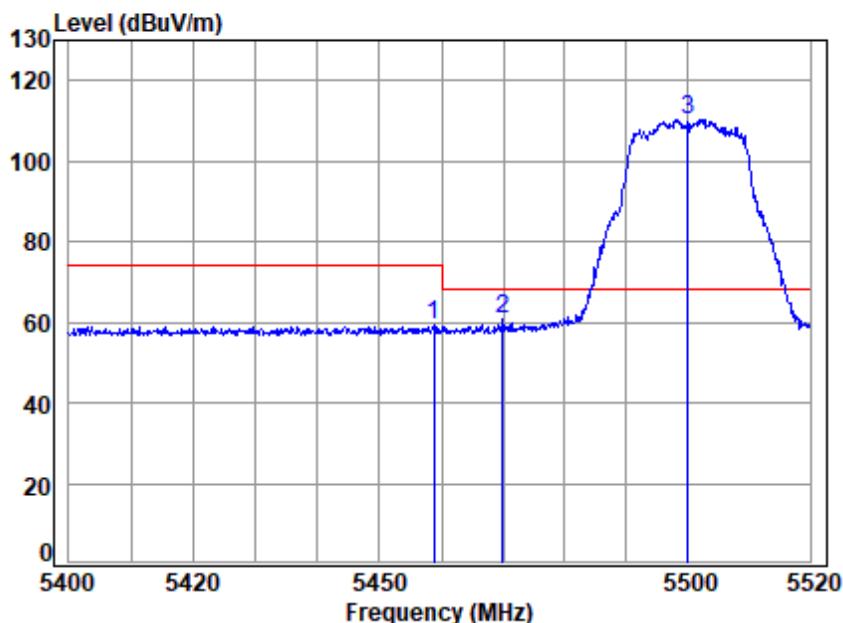
Mode : 5500 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5456.191	10.60	32.90	30.72	33.23	46.01	54.00	-7.99	Average
2	5500.000	10.58	32.90	30.70	80.90	93.68	-----	-----	Average



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



Condition: 3m VERTICAL

Job No : 02150AT

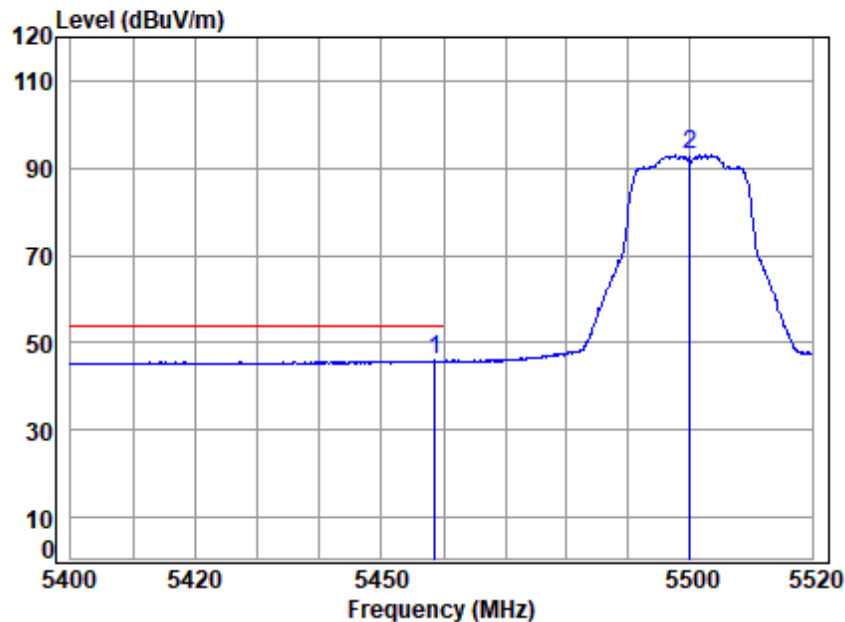
Mode : 5500 Band edge

: 5G Wi-Fi 11be20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.710	10.60	32.90	30.72	46.38	59.16	74.00	-14.84 Peak
2	5469.880	10.59	32.90	30.71	47.79	60.57	68.20	-7.63 peak
3	pp 5500.000	10.58	32.90	30.70	97.66	110.44	68.20	42.24 Peak



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



Condition: 3m VERTICAL

Job No : 02150AT

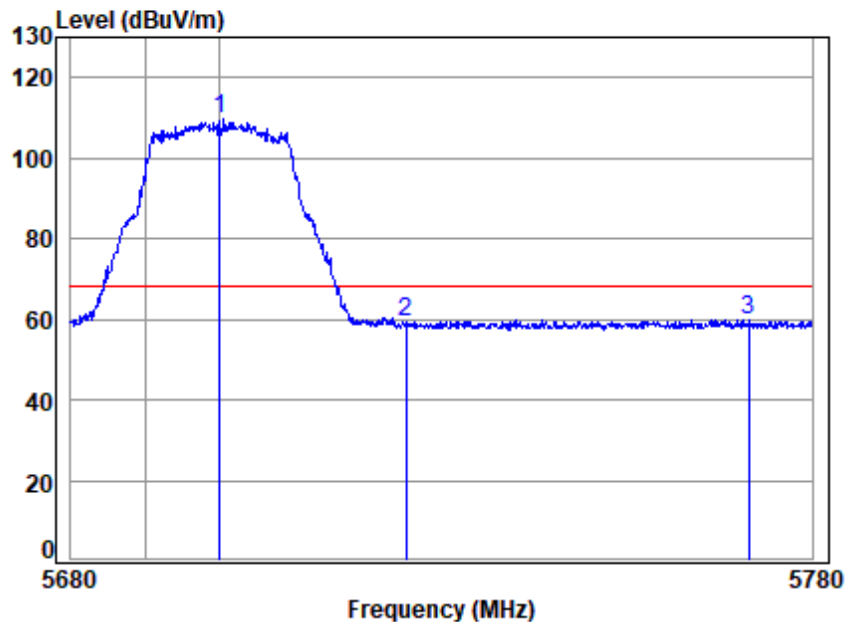
Mode : 5500 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5458.590	10.60	32.90	30.72	33.08	45.86	54.00	-8.14	Average
2	5500.000	10.58	32.90	30.70	80.21	92.99	-----	-----	Average



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



Condition: 3m HORIZONTAL

Job No : 02150AT

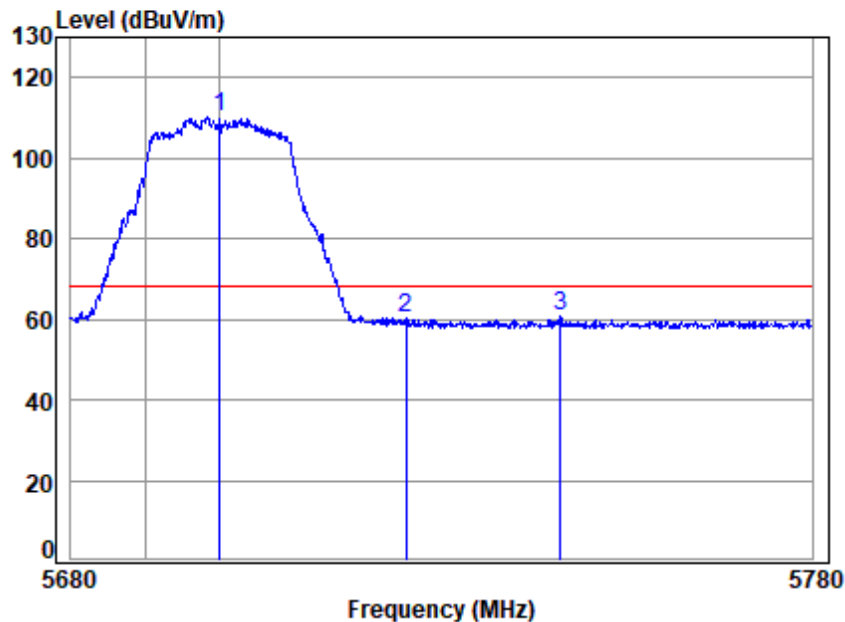
Mode : 5700 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	96.41	109.55	68.20	41.35	peak
2	5725.000	10.68	33.25	30.61	46.08	59.40	68.20	-8.80	peak
3	5771.432	10.89	33.34	30.59	46.31	59.95	68.20	-8.25	peak



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



Condition: 3m VERTICAL

Job No : 02150AT

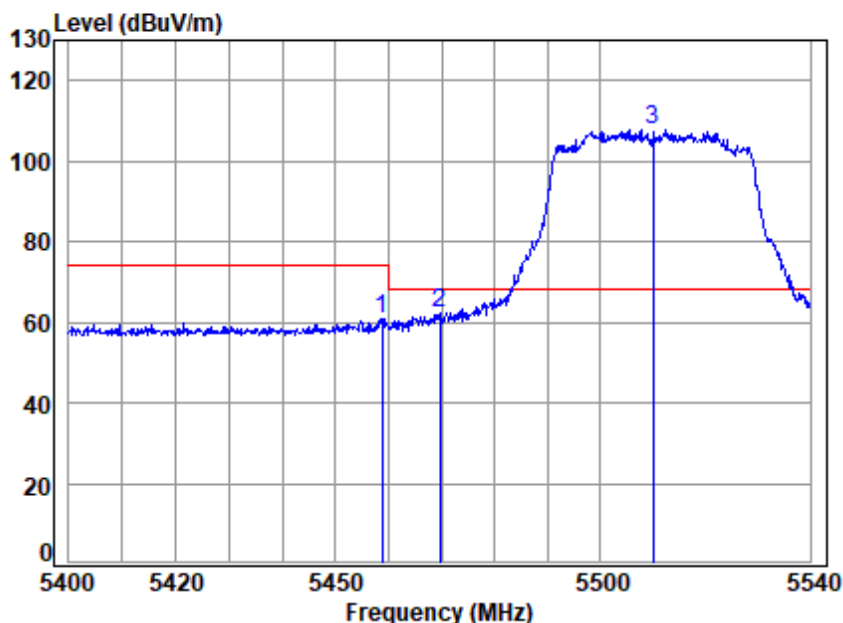
Mode : 5700 Band edge

: 5G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5700.000	10.56	33.20	30.62	96.86	110.00	68.20	41.80	Peak
2	5725.000	10.68	33.25	30.61	47.04	60.36	68.20	-7.84	Peak
3	5745.904	10.77	33.29	30.60	47.12	60.58	68.20	-7.62	Peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

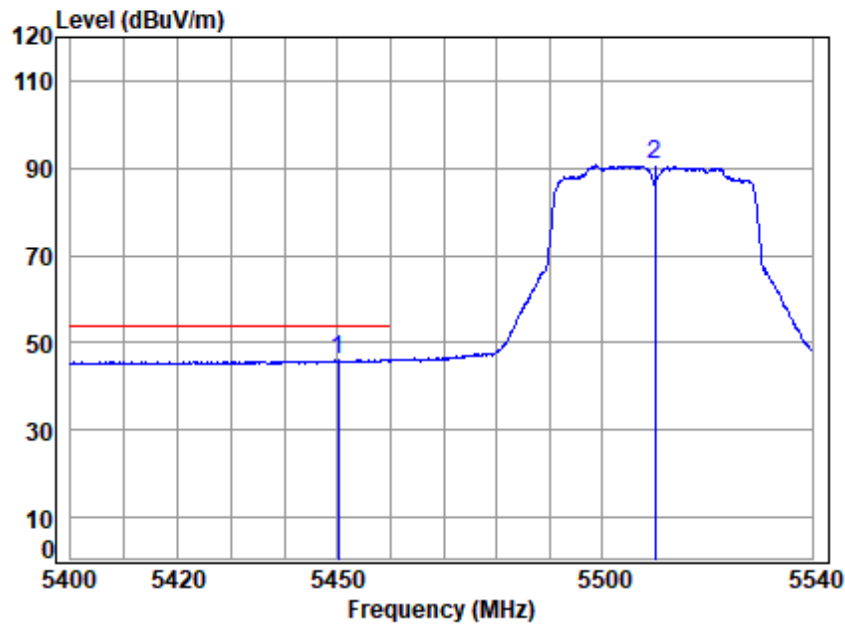
Mode : 5510 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.783	10.60	32.90	30.72	48.17	60.95	74.00	-13.05	peak
2	5469.692	10.59	32.90	30.71	49.29	62.07	68.20	-6.13	peak
3	pp 5510.000	10.56	32.90	30.70	95.15	107.91	68.20	39.71	peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

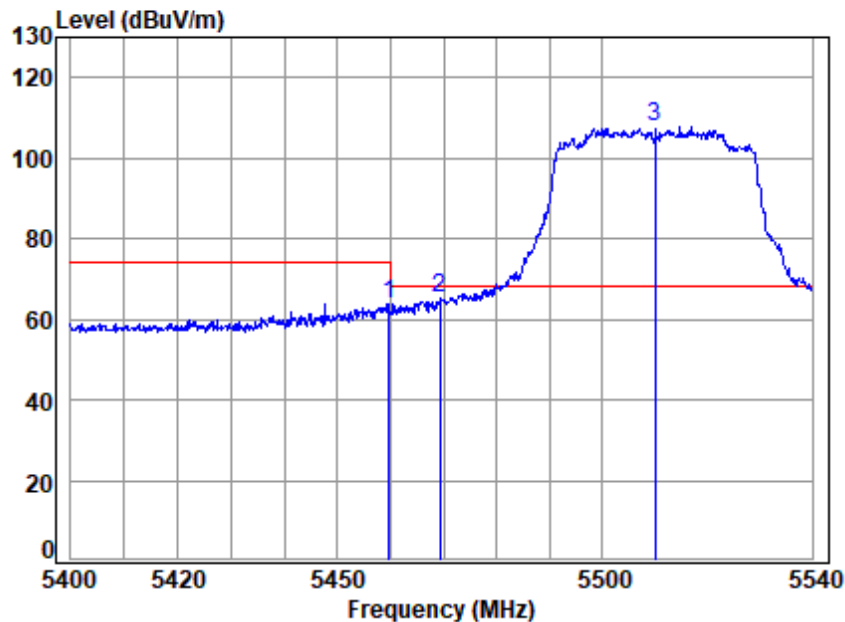
Mode : 5510 Band edge

: 5G Wi-Fi 11be40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5450.127	10.60	32.90	30.72	33.25	46.03	54.00	-7.97	Average
2	5510.000	10.56	32.90	30.70	77.85	90.61	-----	-----	Average



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

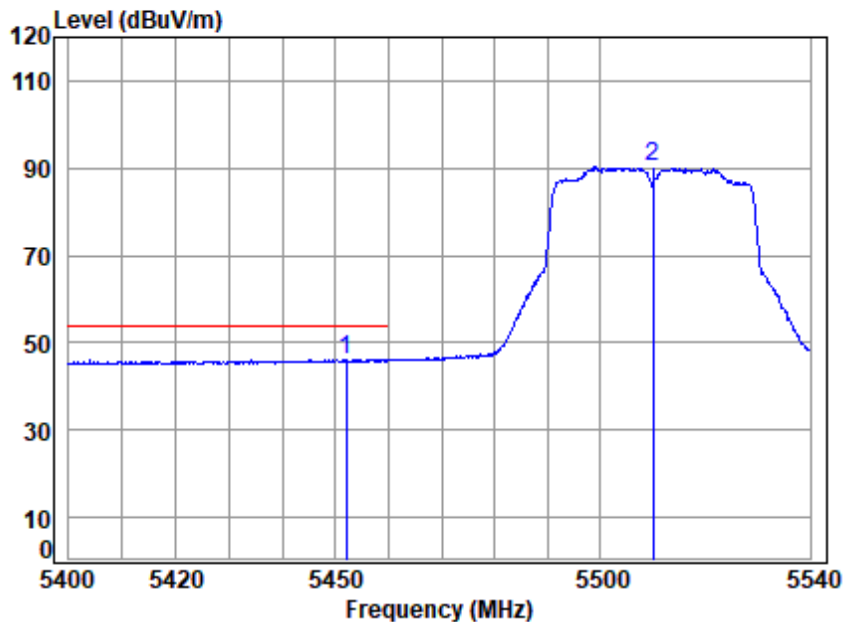
Mode : 5510 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.622	10.60	32.90	30.72	50.80	63.58	74.00	-10.42	Peak
2	5469.272	10.59	32.90	30.71	52.32	65.10	68.20	-3.10	peak
3	pp 5510.000	10.56	32.90	30.70	94.93	107.69	68.20	39.49	Peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5510 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5452.081	10.60	32.90	30.72	33.37	46.15	54.00	-7.85	Average
2 5510.000	10.56	32.90	30.70	77.41	90.17	-----	-----	Average



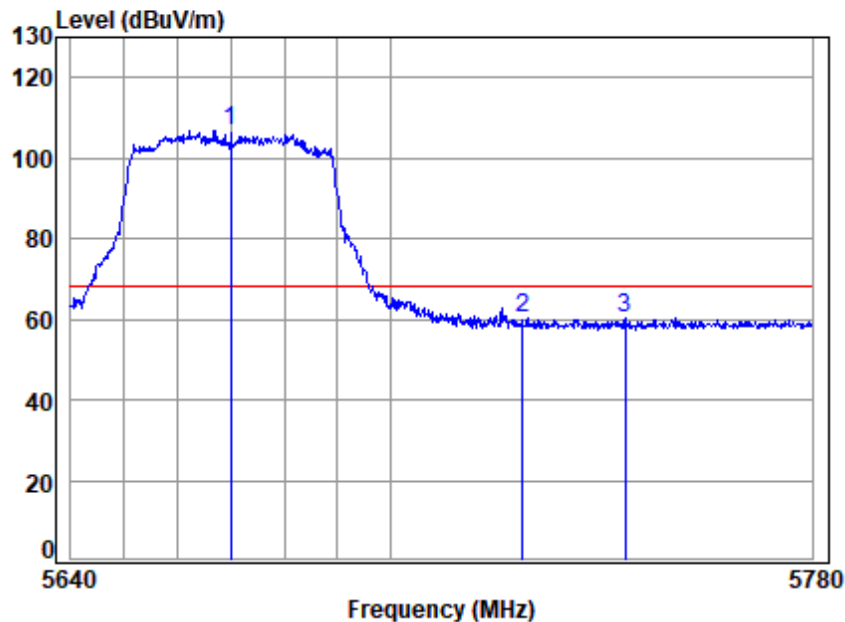
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

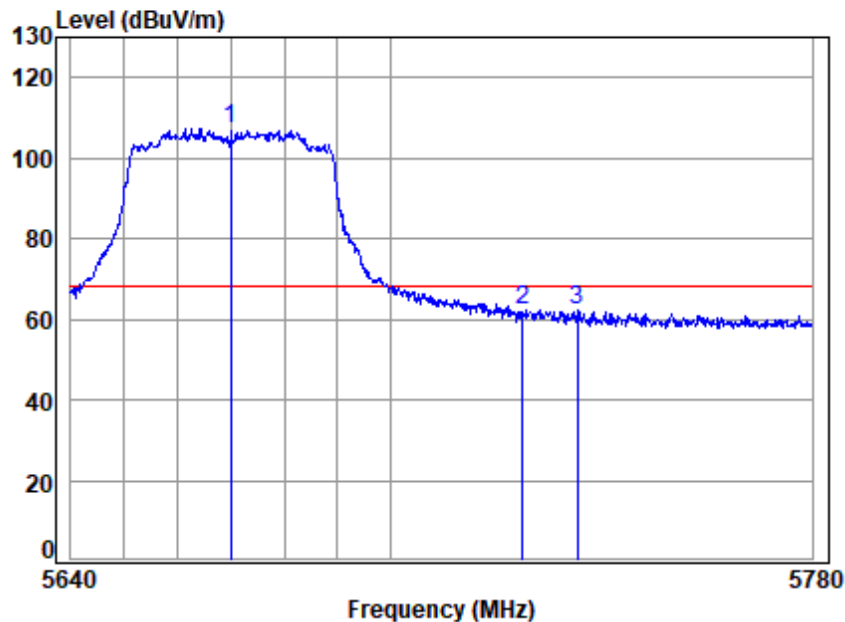
Mode : 5670 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	93.79	106.82	68.20	38.62	peak
2	5725.000	10.68	33.25	30.61	46.79	60.11	68.20	-8.09	peak
3	5744.396	10.76	33.29	30.60	47.07	60.52	68.20	-7.68	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5670 Band edge

: 5G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.63	94.43	107.46	68.20	39.26	Peak
2	5725.000	10.68	33.25	30.61	48.81	62.13	68.20	-6.07	Peak
3	5735.248	10.72	33.27	30.61	48.80	62.18	68.20	-6.02	Peak



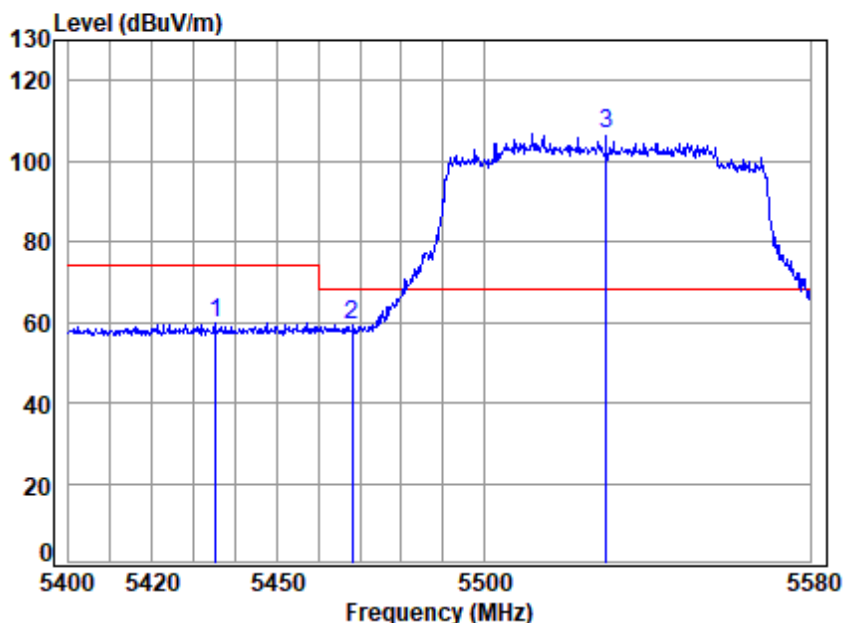
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Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

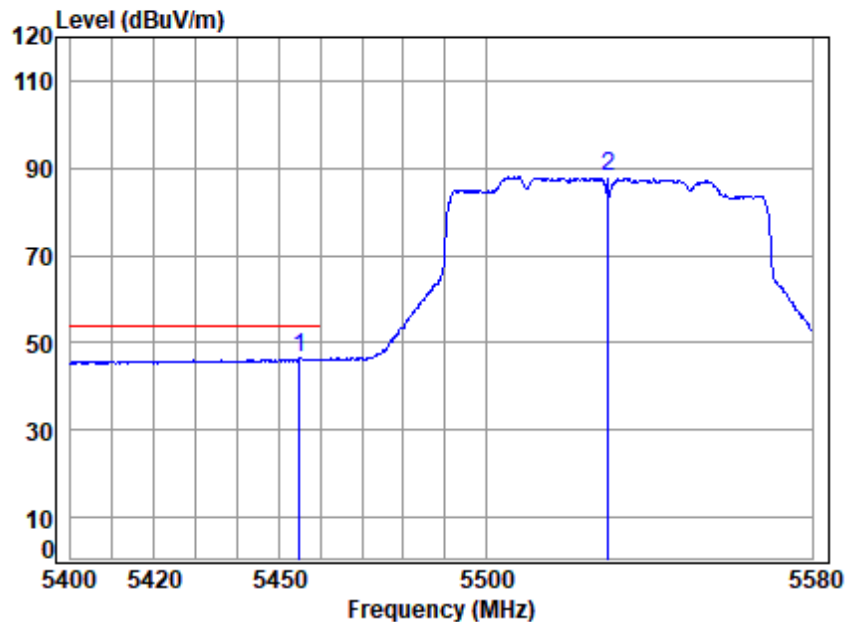
Mode : 5530 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.173	10.61	32.87	30.73	47.10	59.85	74.00	-14.15	peak
2	5468.244	10.59	32.90	30.71	46.53	59.31	68.20	-8.89	peak
3	pp 5530.000	10.53	32.90	30.69	94.20	106.94	68.20	38.74	peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

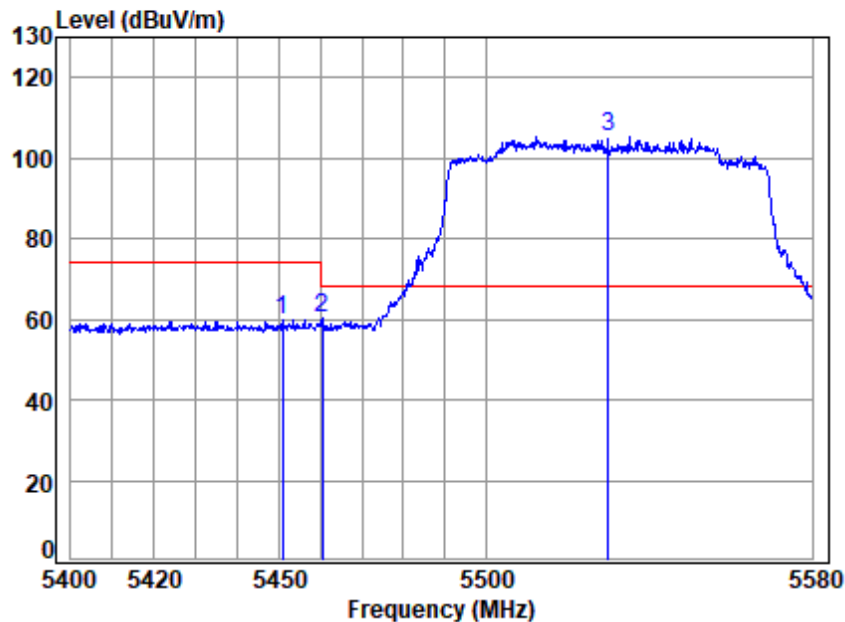
Mode : 5530 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5454.991	10.60	32.90	30.72	33.66	46.44	54.00	-7.56	Average
2	5530.000	10.53	32.90	30.69	75.17	87.91	-----	-----	Average



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

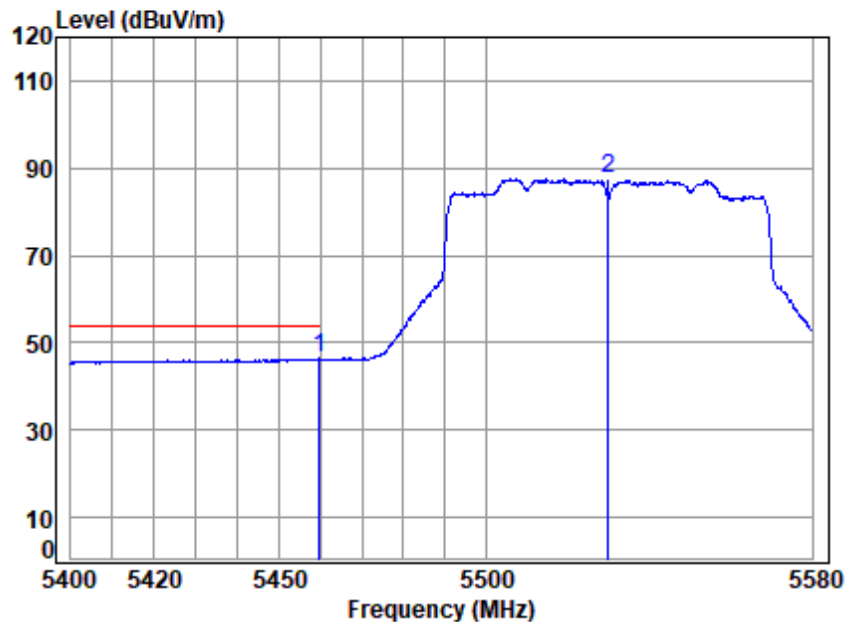
Mode : 5530 Band edge

: 5G Wi-Fi 11be80

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5450.879	10.60	32.90	30.72	47.00	59.78	74.00	-14.22	Peak
2 5460.360	10.60	32.90	30.72	47.58	60.36	68.20	-7.84	peak
3 pp 5530.000	10.53	32.90	30.69	92.45	105.19	68.20	36.99	Peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

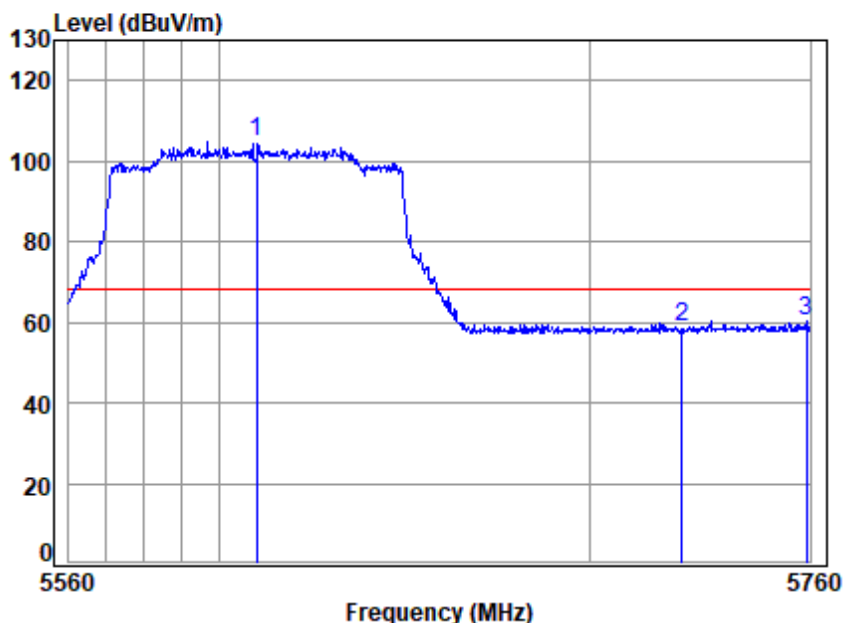
Mode : 5530 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5459.644	10.60	32.90	30.72	33.70	46.48	54.00	-7.52	Average	
2 5530.000	10.53	32.90	30.69	74.66	87.40	-----	-----	Average	



Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

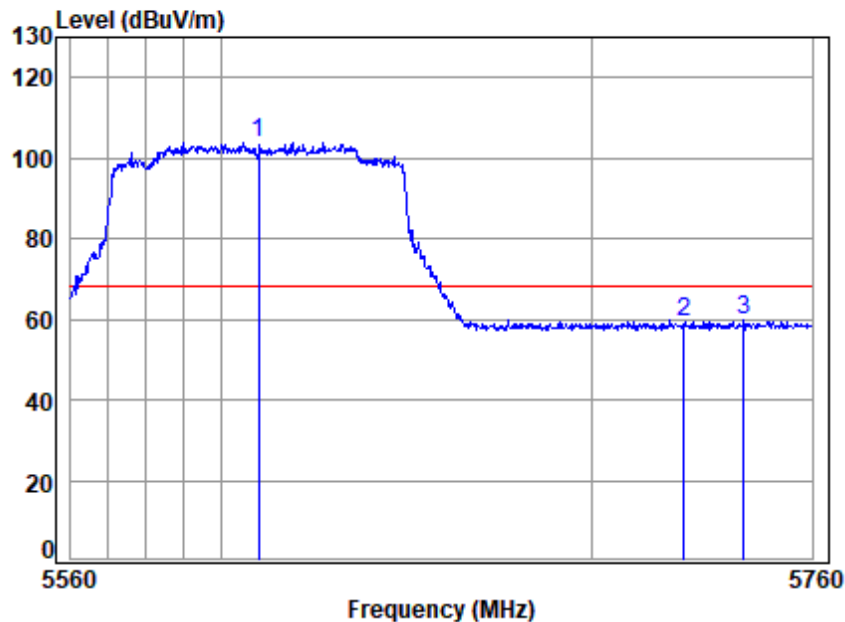
Mode : 5610 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	92.04	104.83	68.20	36.63	peak
2	5725.000	10.68	33.25	30.61	45.51	58.83	68.20	-9.37	peak
3	5758.982	10.83	33.32	30.60	46.91	60.46	68.20	-7.74	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

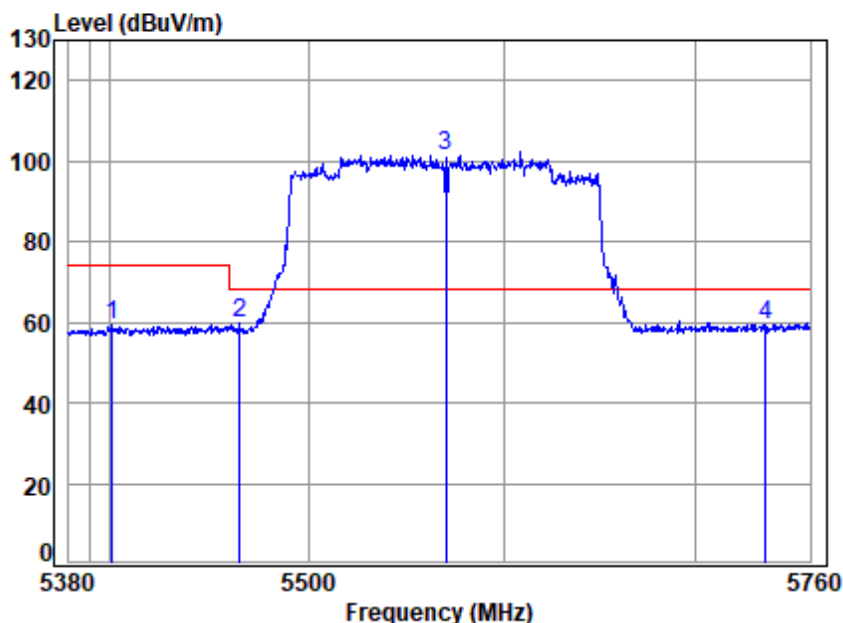
Mode : 5610 Band edge

: 5G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5610.000	10.43	33.02	30.66	91.11	103.90	68.20	35.70	Peak
2	5725.000	10.68	33.25	30.61	46.20	59.52	68.20	-8.68	peak
3	5741.303	10.75	33.28	30.60	46.46	59.89	68.20	-8.31	Peak



Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5570 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5401.708	10.62	32.80	30.74	46.75	59.43	74.00	-14.57	peak
2	5465.118	10.59	32.90	30.71	46.82	59.60	68.20	-8.60	peak
3 pp	5570.000	10.46	32.94	30.67	88.77	101.50	68.20	33.30	peak
4	5736.461	10.73	33.27	30.61	46.09	59.48	68.20	-8.72	peak



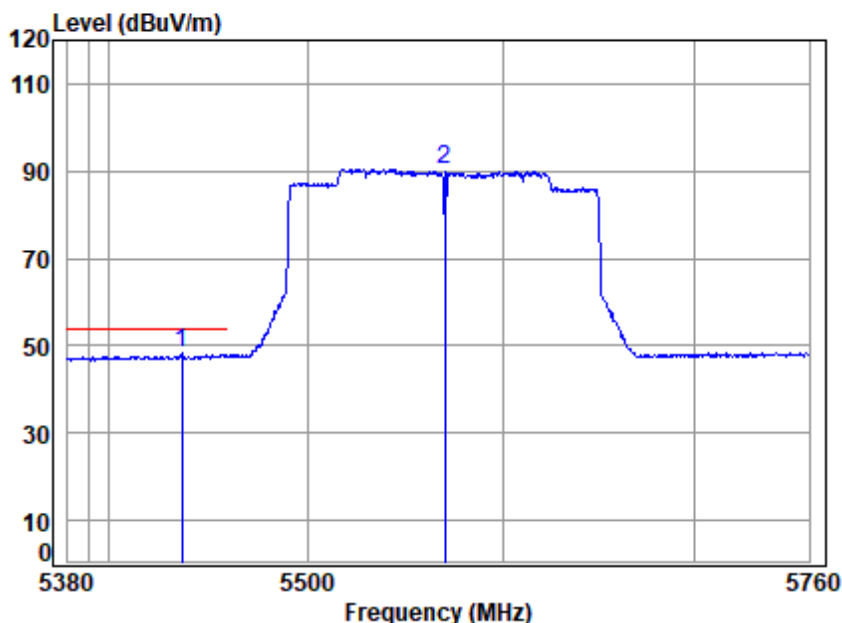
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SZEMC-TRF-01 Rev. A/1

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Test Mode: 20; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5570 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5436.844	10.61	32.87	30.73	35.47	48.22	54.00	-5.78	Average
2	5570.000	10.46	32.94	30.67	77.81	90.54	-----	-----	Average



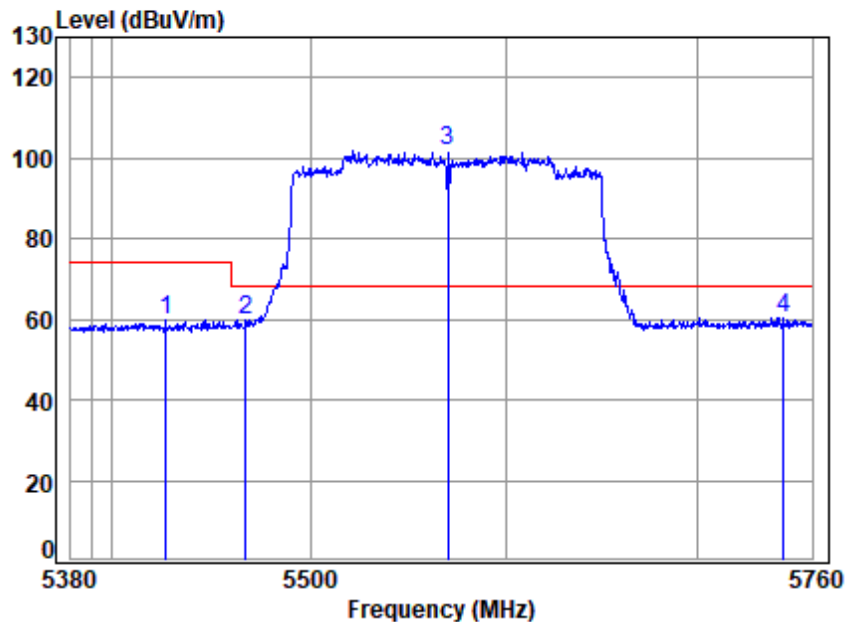
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Shenzhen Branch Inspection & Testing Laboratory

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Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

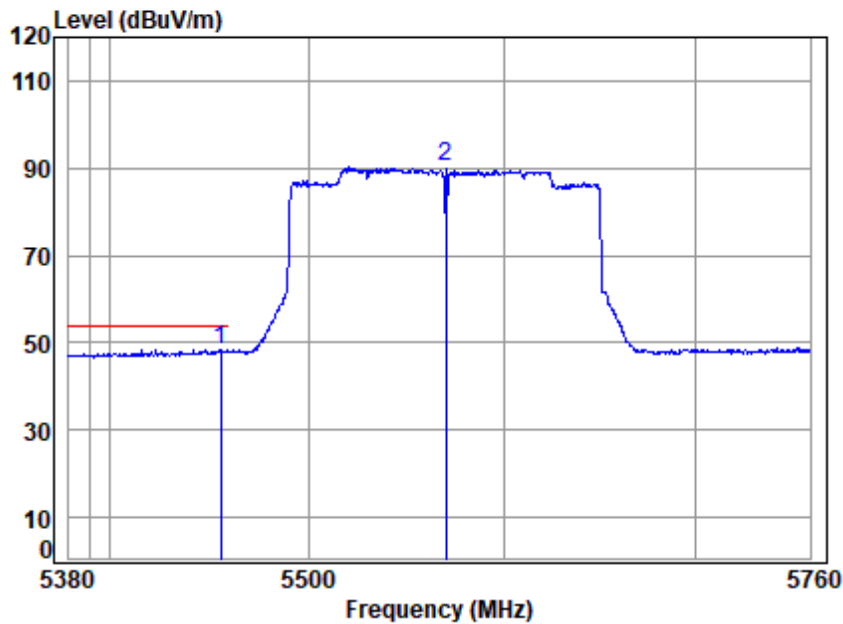
Mode : 5570 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5427.205	10.61	32.85	30.73	47.27	60.00	74.00	-14.00	peak
2	5467.356	10.59	32.90	30.71	47.19	59.97	68.20	-8.23	peak
3 pp	5570.000	10.46	32.94	30.67	88.86	101.59	68.20	33.39	peak
4	5745.081	10.77	33.29	30.60	46.75	60.21	68.20	-7.99	peak



Test Mode: 20; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

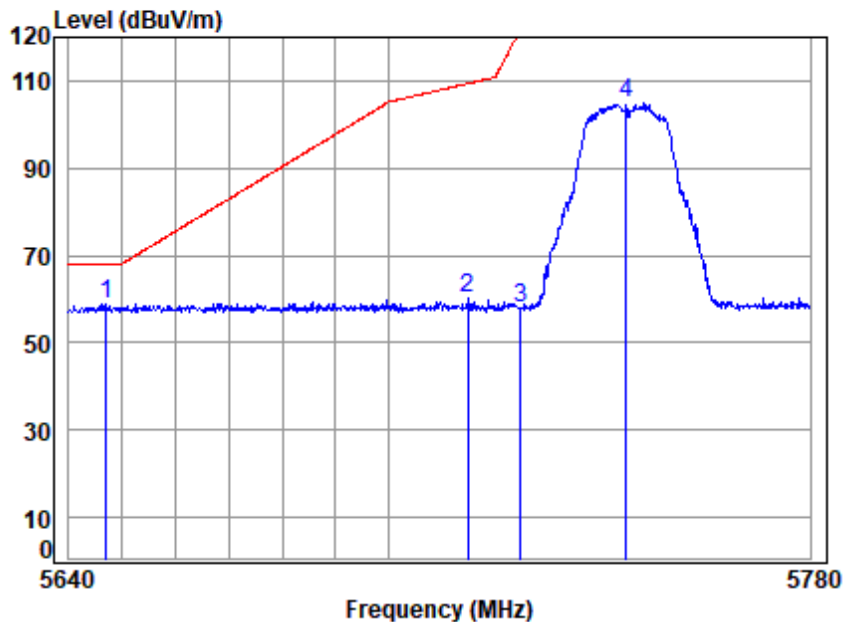
Mode : 5570 Band edge

: 5G Wi-Fi 11be160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5455.801	10.60	32.90	30.72	35.62	48.40	54.00	-5.60	Average
2	5570.000	10.46	32.94	30.67	77.40	90.13	-----	-----	Average



Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

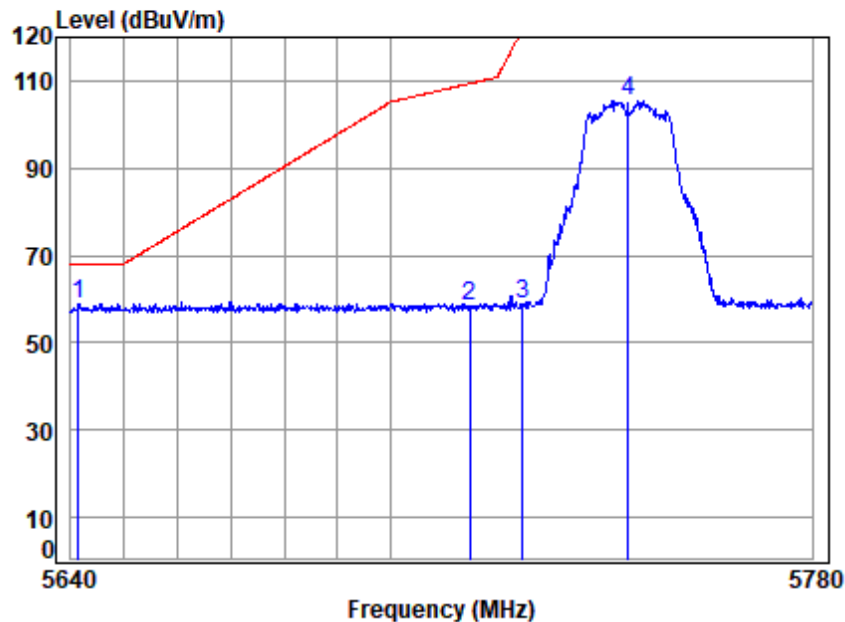
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5647.057	10.48	33.09	30.64	46.09	59.02	68.20	-9.18 peak
2	5715.000	10.63	33.23	30.61	46.89	60.14	109.40	-49.26 peak
3	5725.000	10.68	33.25	30.61	44.80	58.12	122.20	-64.08 peak
4	5745.000	10.77	33.29	30.60	91.26	104.72	-----	----- peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

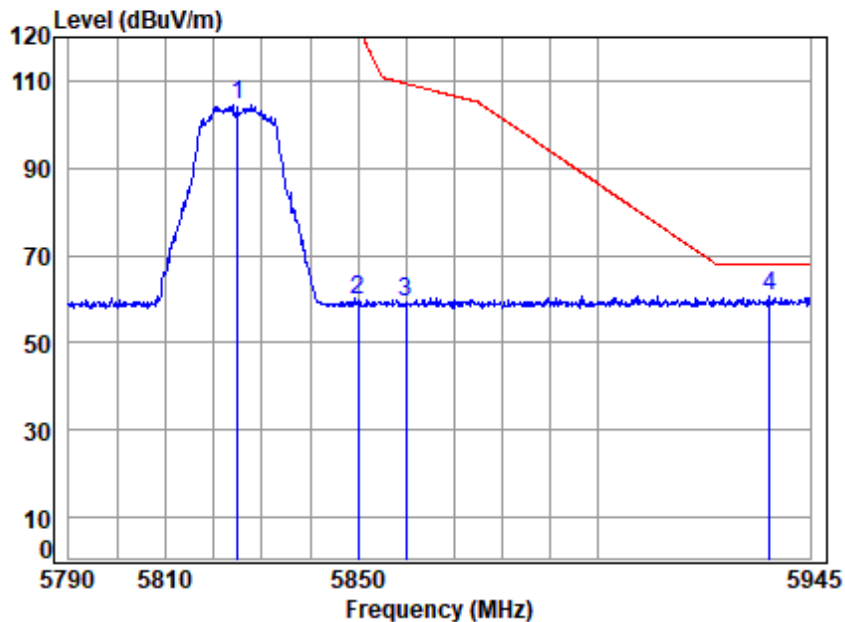
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5641.383	10.47	33.08	30.64	45.93	58.84	68.20	-9.36 peak
2	5715.000	10.63	33.23	30.61	44.95	58.20	109.40	-51.20 peak
3	5725.000	10.68	33.25	30.61	45.58	58.90	122.20	-63.30 peak
4	5745.000	10.77	33.29	30.60	92.04	105.50	-----	----- peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

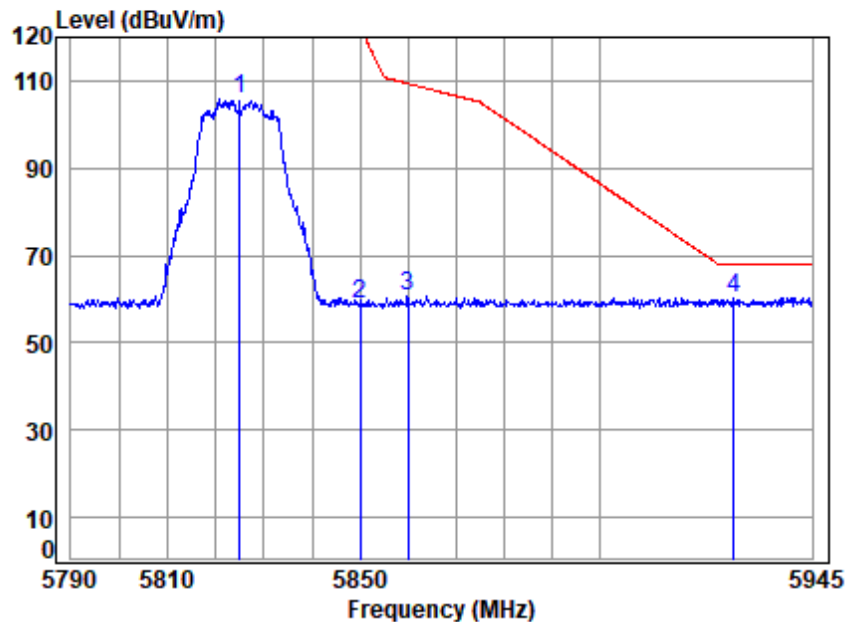
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 5825.000	10.99	33.50	30.57	90.66	104.58	-----	-----	peak	
2 5850.000	10.95	33.60	30.56	45.76	59.75	122.20	-62.45	peak	
3 5860.000	10.94	33.58	30.56	45.58	59.54	109.40	-49.86	peak	
4 pp 5936.368	10.86	33.57	30.53	47.00	60.90	68.20	-7.30	peak	



Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

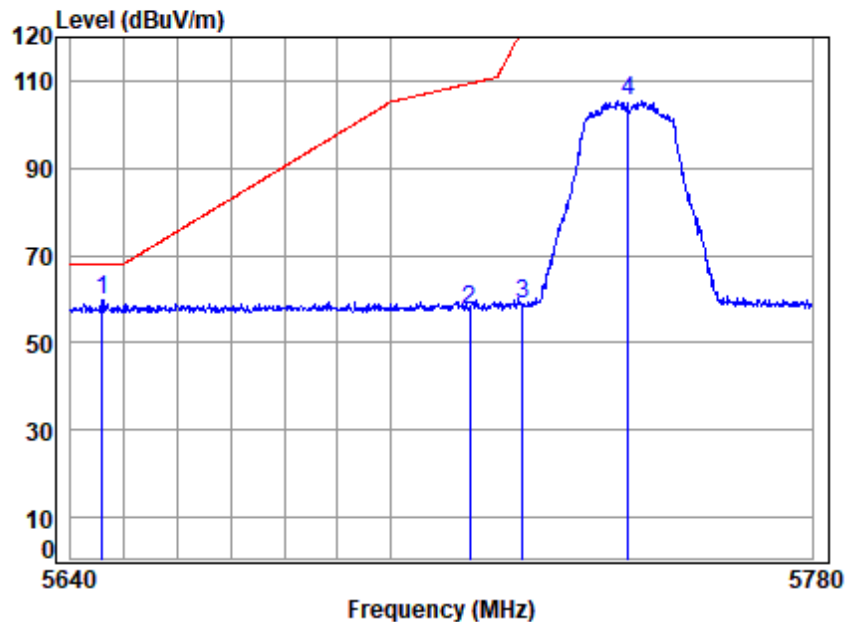
Job No : 02150AT

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

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	10.99	33.50	30.57	92.04	105.96	-----	-----	peak
2 5850.000	10.95	33.60	30.56	44.97	58.96	122.20	-63.24	peak
3 5860.000	10.94	33.58	30.56	46.84	60.80	109.40	-48.60	peak
4 pp 5928.532	10.87	33.56	30.53	46.47	60.37	68.20	-7.83	peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

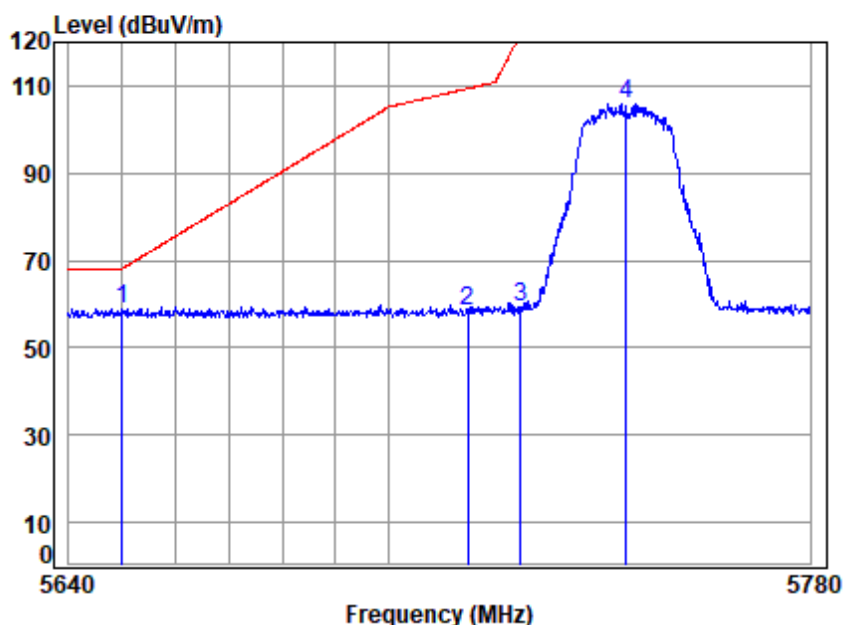
Mode : 5745 Band edge

: 5.8G Wi-Fi 11n20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5645.811	10.48	33.09	30.64	46.90	59.83	68.20	-8.37	peak
2 5715.000	10.63	33.23	30.61	44.41	57.66	109.40	-51.74	peak
3 5725.000	10.68	33.25	30.61	45.52	58.84	122.20	-63.36	peak
4 5745.000	10.77	33.29	30.60	92.10	105.56	-----	-----	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

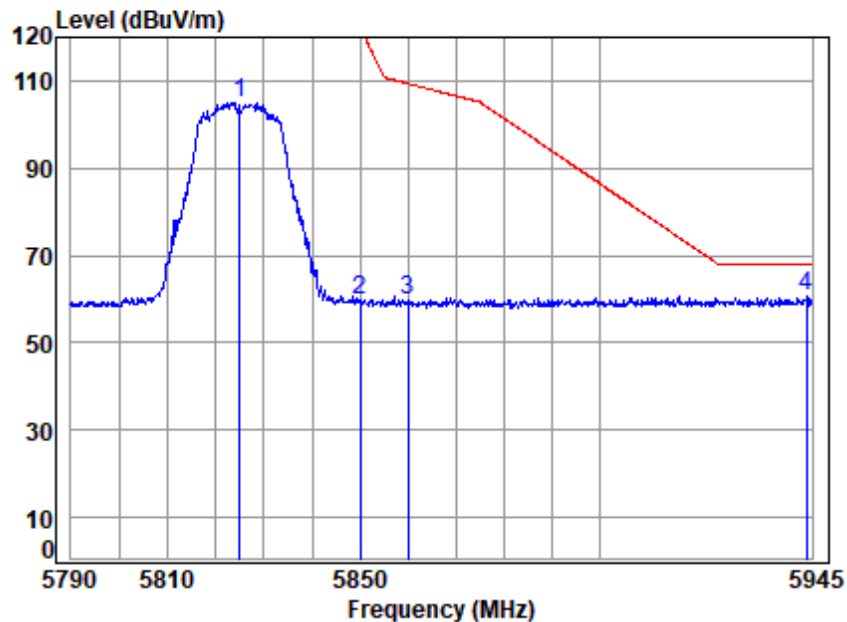
Mode : 5745 Band edge

: 5.8G Wi-Fi 11n20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5649.966	10.48	33.10	30.64	46.10	59.04	68.20	-9.16 peak
2	5715.000	10.63	33.23	30.61	45.36	58.61	109.40	-50.79 peak
3	5725.000	10.68	33.25	30.61	46.11	59.43	122.20	-62.77 peak
4	5745.000	10.77	33.29	30.60	92.49	105.95	-----	----- peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

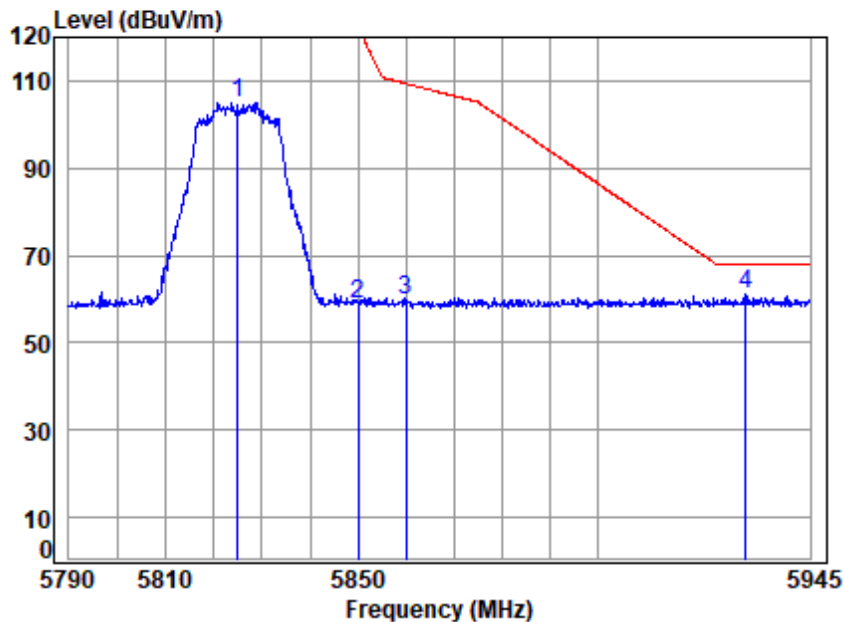
Mode : 5825 Band edge

: 5.8G Wi-Fi 11n20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5825.000	10.99	33.50	30.57	91.25	105.17	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.59	59.58	122.20	-62.62 peak
3 5860.000	10.94	33.58	30.56	45.69	59.65	109.40	-49.75 peak
4 pp 5943.901	10.85	33.59	30.52	46.84	60.76	68.20	-7.44 peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

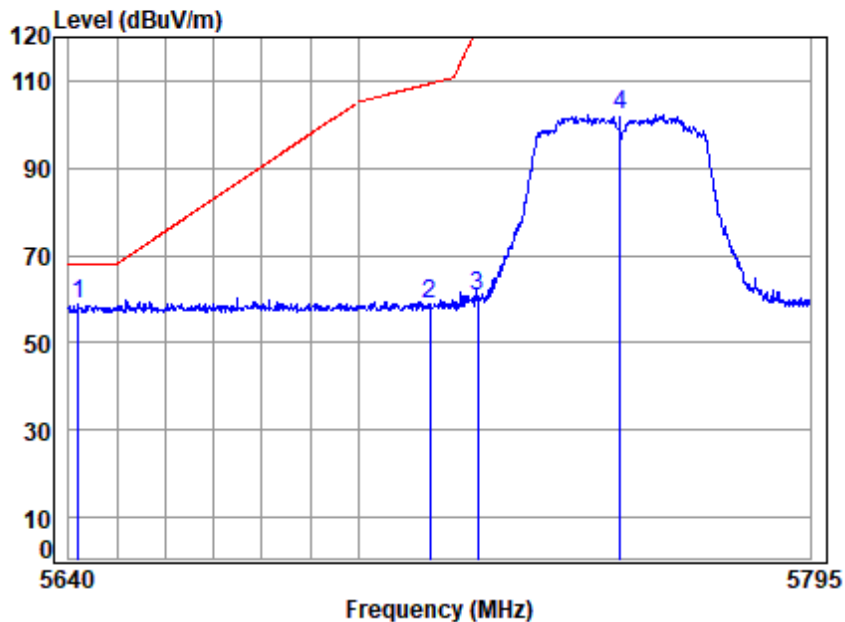
Mode : 5825 Band edge

: 5.8G Wi-Fi 11n20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	10.99	33.50	30.57	91.21	105.13	-----	-----	peak
2 5850.000	10.95	33.60	30.56	44.88	58.87	122.20	-63.33	peak
3 5860.000	10.94	33.58	30.56	45.74	59.70	109.40	-49.70	peak
4 pp 5931.352	10.86	33.56	30.53	47.08	60.97	68.20	-7.23	peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

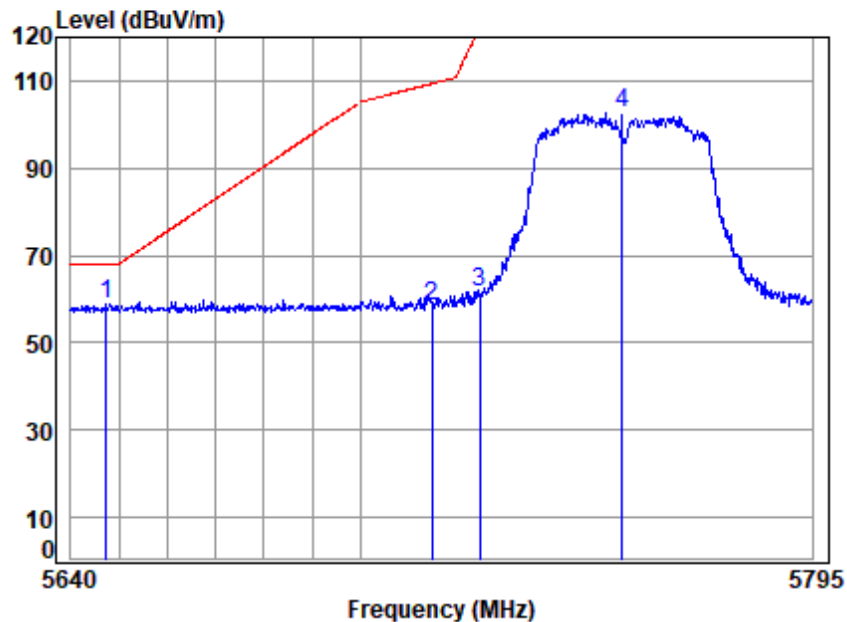
Mode : 5755 Band edge

: 5.8G Wi-Fi 11n40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5641.988	10.47	33.08	30.64	45.75	58.66	68.20	-9.54	peak
2 5715.000	10.63	33.23	30.61	45.43	58.68	109.40	-50.72	peak
3 5725.000	10.68	33.25	30.61	47.51	60.83	122.20	-61.37	peak
4 5755.000	10.81	33.31	30.60	88.73	102.25	-----	-----	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

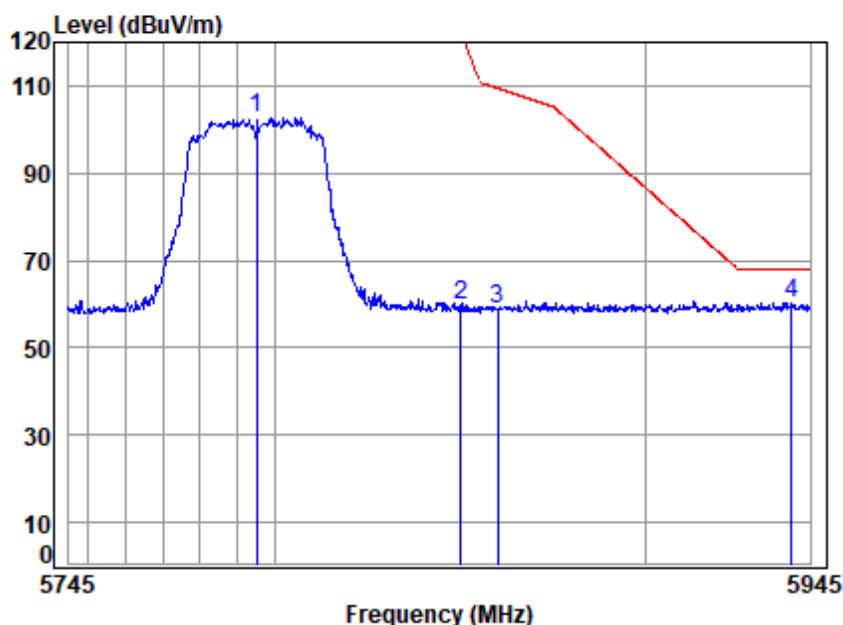
Mode : 5755 Band edge

: 5.8G Wi-Fi 11n40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5647.344	10.48	33.09	30.64	45.92	58.85	68.20	-9.35 peak
2	5715.000	10.63	33.23	30.61	44.96	58.21	109.40	-51.19 peak
3	5725.000	10.68	33.25	30.61	48.46	61.78	122.20	-60.42 peak
4	5755.000	10.81	33.31	30.60	89.00	102.52	-----	----- peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

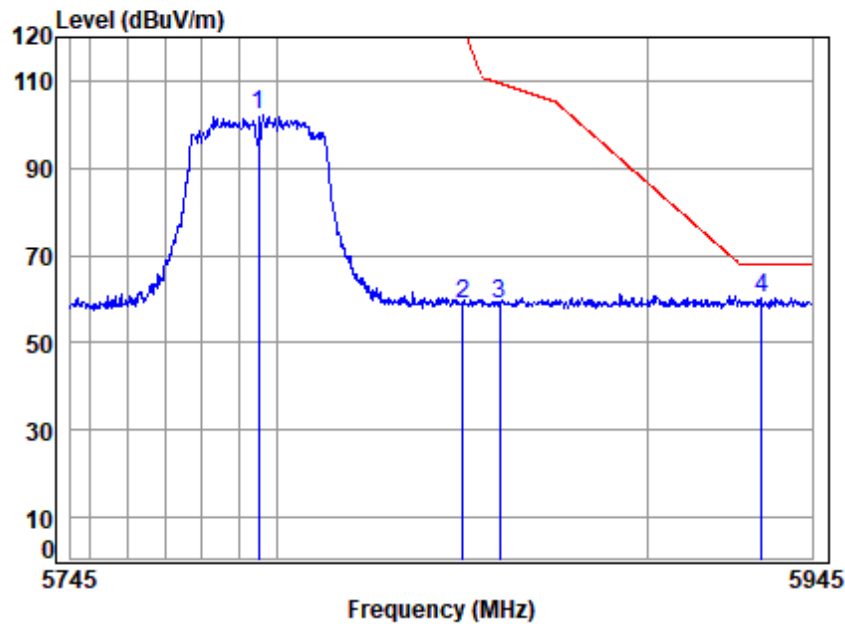
Mode : 5795 Band edge

: 5.8G Wi-Fi 11n40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	88.97	102.78	-----	-----	peak
2	5850.000	10.95	33.60	30.56	45.83	59.82	122.20	-62.38	peak
3	5860.000	10.94	33.58	30.56	44.99	58.95	109.40	-50.45	peak
4 pp	5939.916	10.86	33.58	30.52	46.19	60.11	68.20	-8.09	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11n40

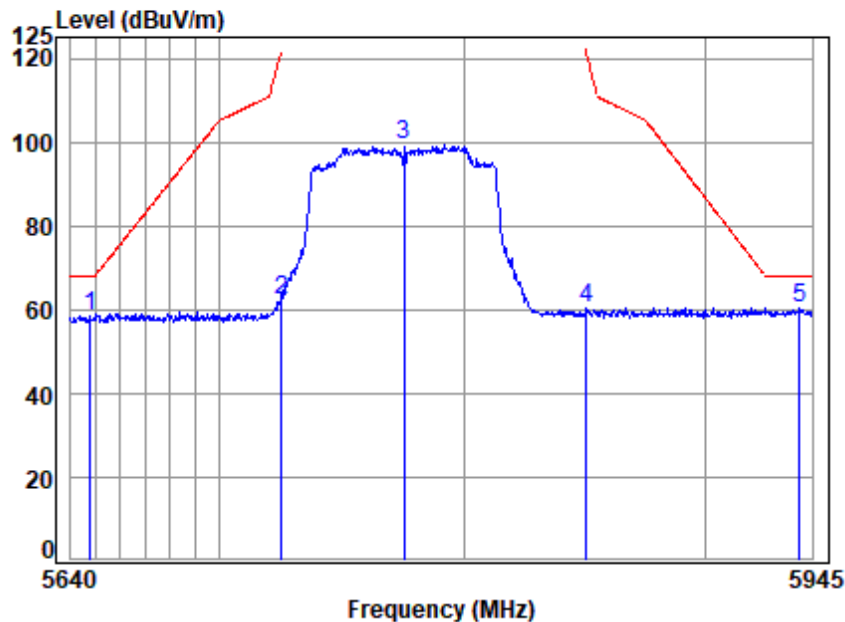
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5795.000	11.00	33.39	30.58	88.28	102.09	-----	----- peak
2 5850.000	10.95	33.60	30.56	44.96	58.95	122.20	-63.25 peak
3 5860.000	10.94	33.58	30.56	45.04	59.00	109.40	-50.40 peak
4 pp 5931.182	10.87	33.56	30.53	46.21	60.11	68.20	-8.09 peak



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Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

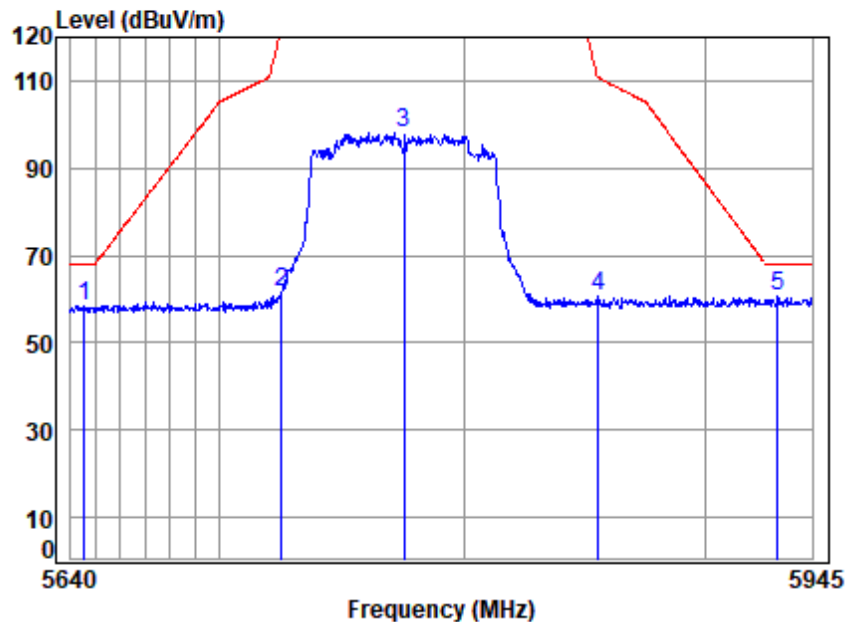
Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5647.729	10.48	33.10	30.64	45.57	58.51	68.20	-9.69	Peak
2	5724.993	10.67	33.25	30.61	49.06	62.37	122.18	-59.81	peak
3	5775.000	10.91	33.35	30.59	85.73	99.40	-----	-----	peak
4	5850.575	10.95	33.60	30.56	46.52	60.51	120.89	-60.38	Peak
5 pp	5939.680	10.86	33.58	30.52	46.25	60.17	68.20	-8.03	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

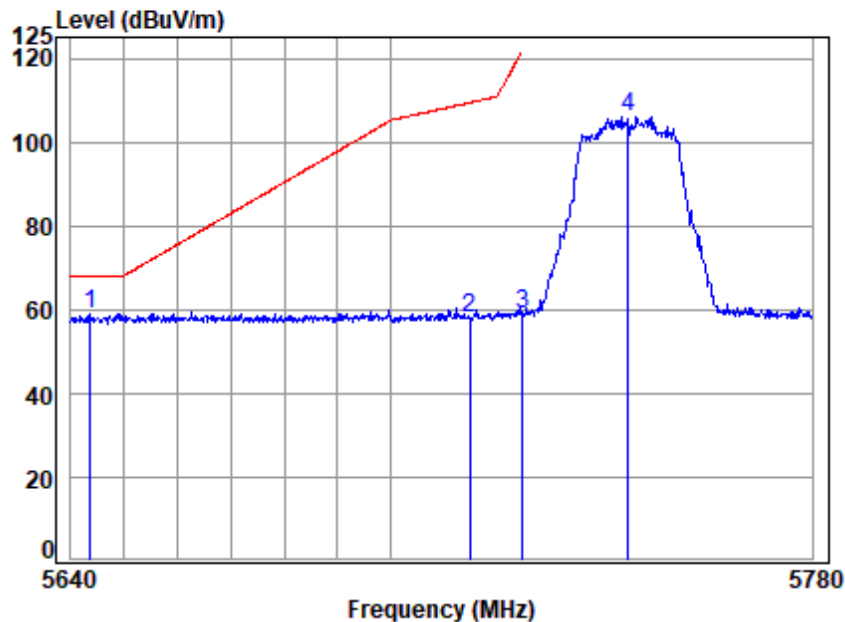
Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5645.349	10.48	33.09	30.64	45.49	58.42	68.20	-9.78	Peak
2 5724.993	10.67	33.25	30.61	48.28	61.59	122.18	-60.59	peak
3 5775.000	10.91	33.35	30.59	84.62	98.29	-----	-----	peak
4 5855.199	10.95	33.59	30.56	46.50	60.48	110.74	-50.26	peak
5 pp 5930.615	10.87	33.56	30.53	47.00	60.90	68.20	-7.30	peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5643.597	10.48	33.09	30.64	45.98	58.91	68.20	-9.29 peak
2	5715.000	10.63	33.23	30.61	44.84	58.09	109.40	-51.31 peak
3	5725.000	10.68	33.25	30.61	45.69	59.01	122.20	-63.19 peak
4	5745.000	10.77	33.29	30.60	92.67	106.13	-----	----- peak



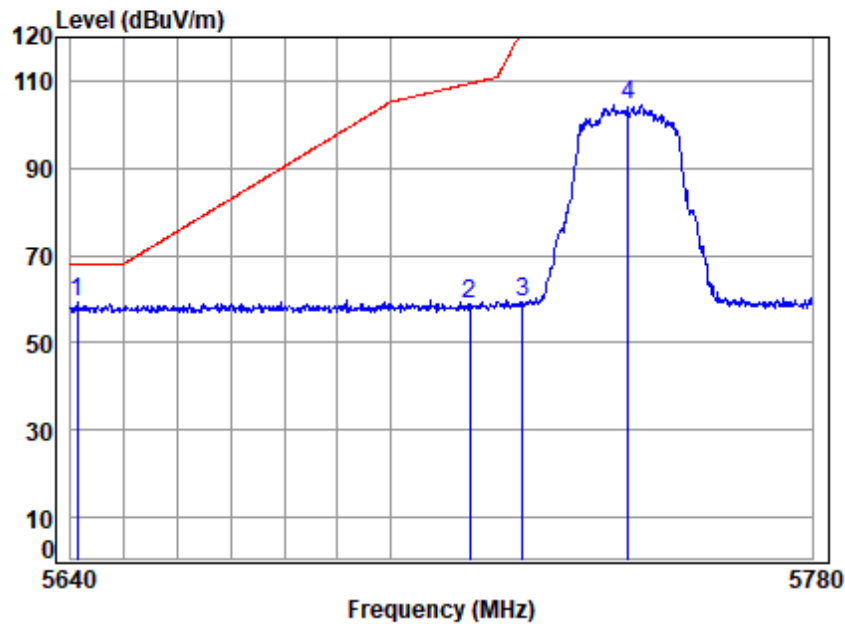
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Test Mode: 22; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

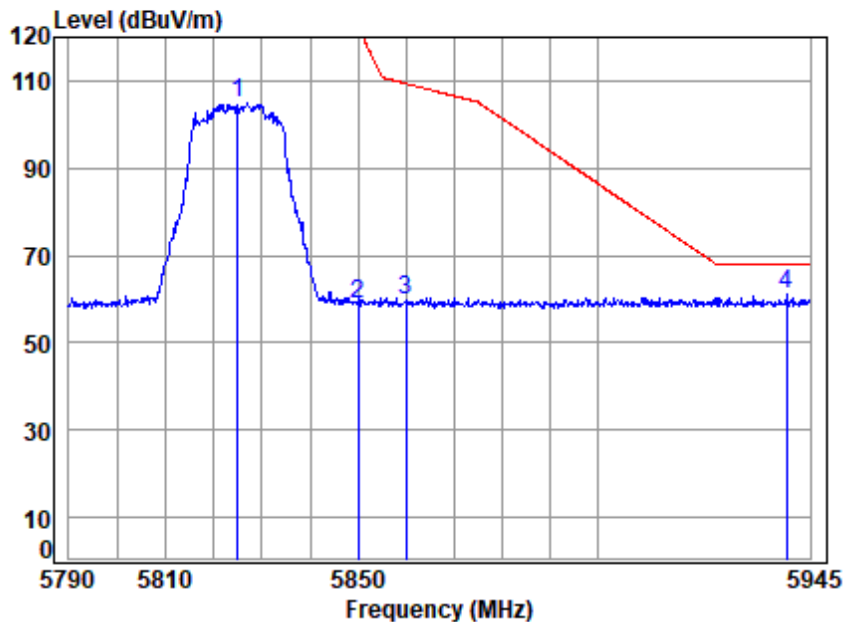
Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5641.245	10.47	33.08	30.64	46.54	59.45	68.20	-8.75 peak
2	5715.000	10.63	33.23	30.61	45.64	58.89	109.40	-50.51 peak
3	5725.000	10.68	33.25	30.61	45.95	59.27	122.20	-62.93 peak
4	5745.000	10.77	33.29	30.60	91.23	104.69	-----	----- peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

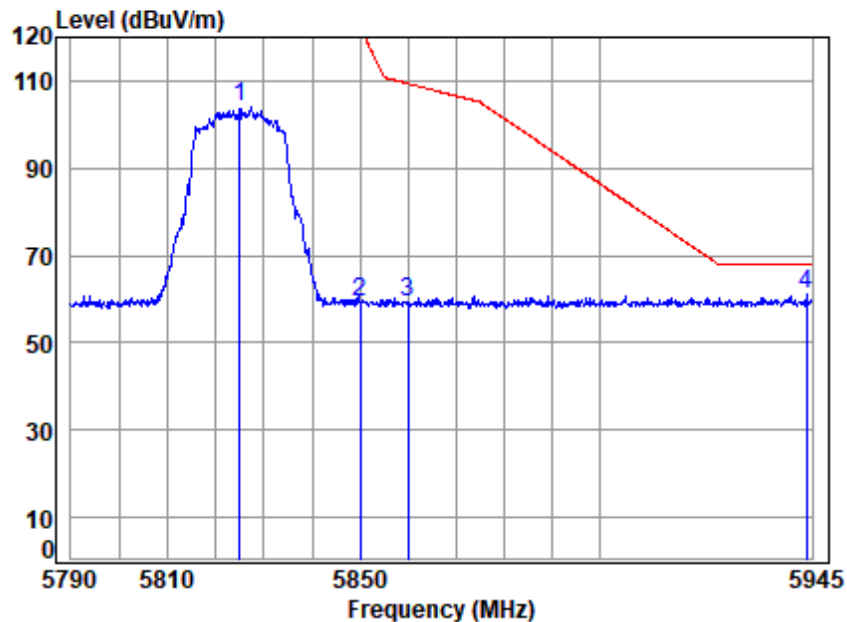
Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	91.18	105.10	-----	-----	peak
2	5850.000	10.95	33.60	30.56	44.67	58.66	122.20	-63.54	peak
3	5860.000	10.94	33.58	30.56	46.02	59.98	109.40	-49.42	peak
4 pp	5939.976	10.86	33.58	30.52	47.22	61.14	68.20	-7.06	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

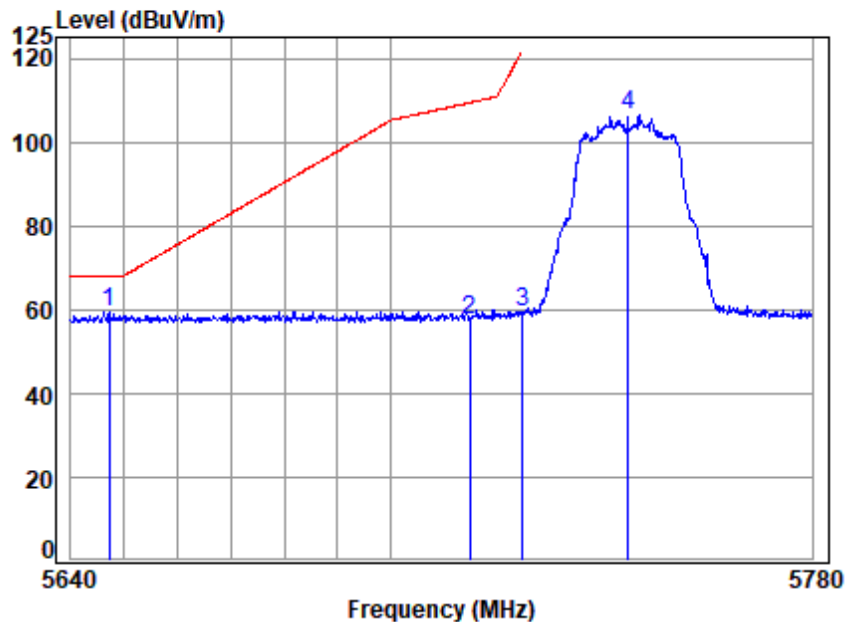
Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5825.000	10.99	33.50	30.57	90.10	104.02	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.40	59.39	122.20	-62.81 peak
3 5860.000	10.94	33.58	30.56	45.49	59.45	109.40	-49.95 peak
4 pp 5943.901	10.85	33.59	30.52	47.32	61.24	68.20	-6.96 peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

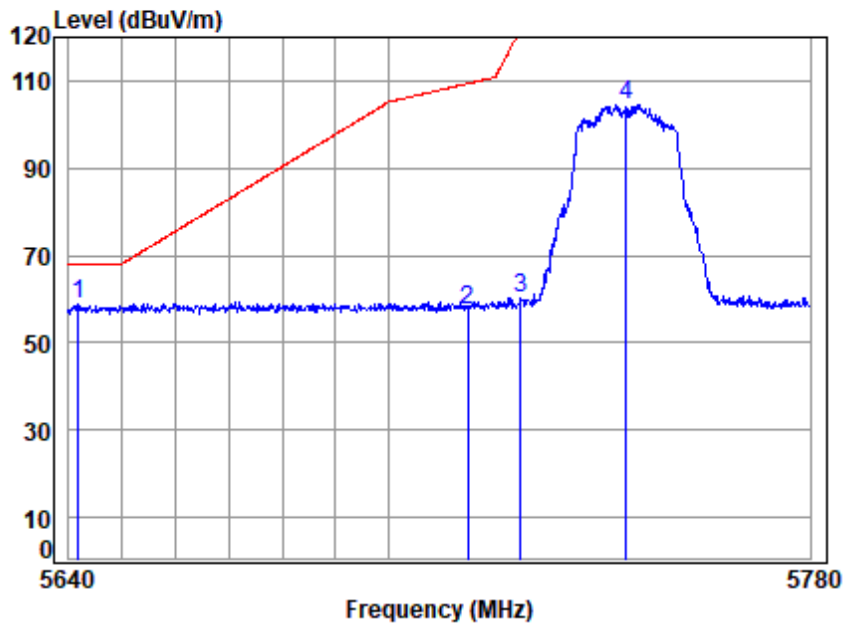
Mode : 5745 Band edge

: 5.8G Wi-Fi 11be20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5647.196	10.48	33.09	30.64	46.42	59.35	68.20	-8.85	peak
2	5715.000	10.63	33.23	30.61	44.20	57.45	109.40	-51.95	peak
3	5725.000	10.68	33.25	30.61	46.31	59.63	122.20	-62.57	peak
4	5745.000	10.77	33.29	30.60	92.94	106.40	-----	-----	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

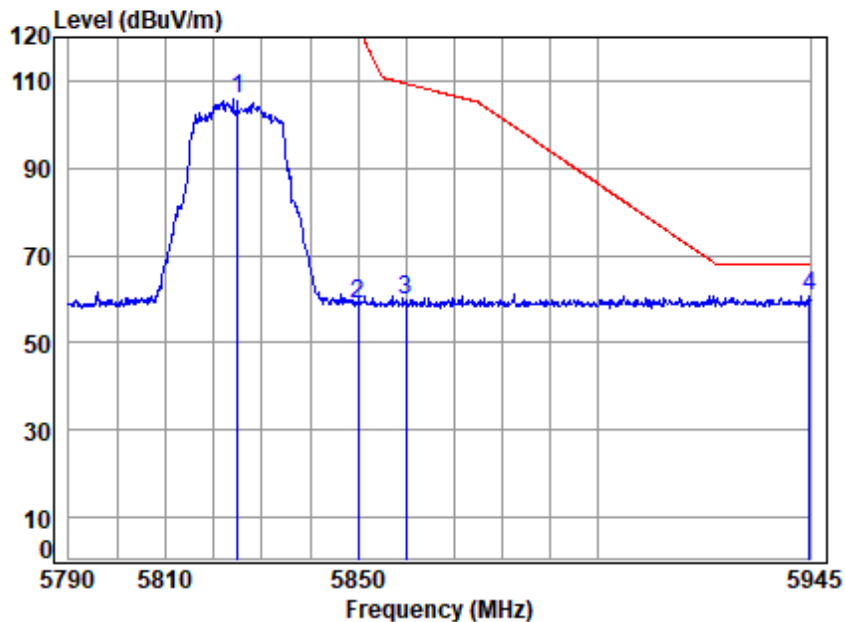
Mode : 5745 Band edge

: 5.8G Wi-Fi 11be20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5641.798	10.47	33.08	30.64	45.81	58.72	68.20	-9.48	peak
2 5715.000	10.63	33.23	30.61	44.46	57.71	109.40	-51.69	peak
3 5725.000	10.68	33.25	30.61	46.95	60.27	122.20	-61.93	peak
4 5745.000	10.77	33.29	30.60	91.16	104.62	-----	-----	peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

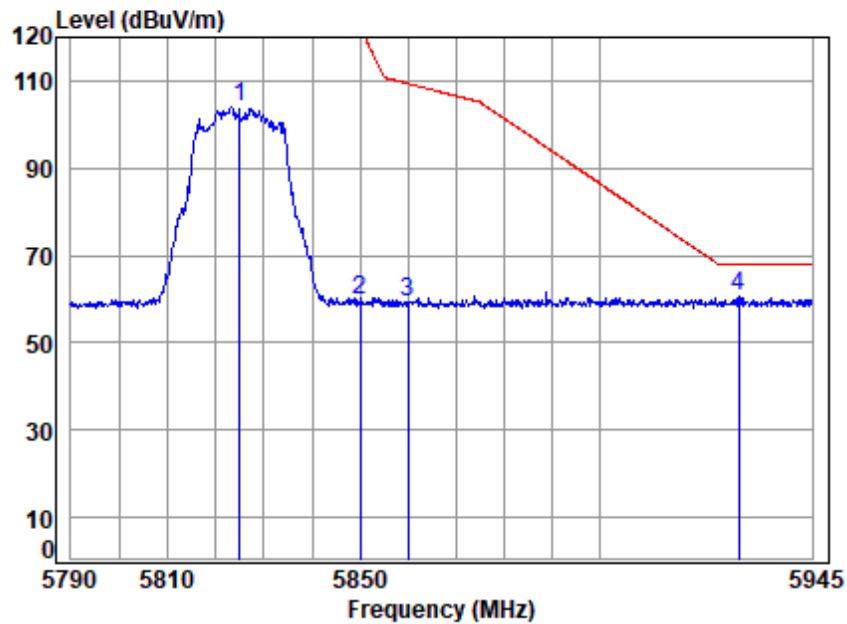
Mode : 5825 Band edge

: 5.8G Wi-Fi 11be20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5825.000	10.99	33.50	30.57	91.80	105.72	-----	-----	peak
5850.000	10.95	33.60	30.56	45.06	59.05	122.20	-63.15	peak
5860.000	10.94	33.58	30.56	45.87	59.83	109.40	-49.57	peak
5944.843	10.85	33.59	30.52	46.97	60.89	68.20	-7.31	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

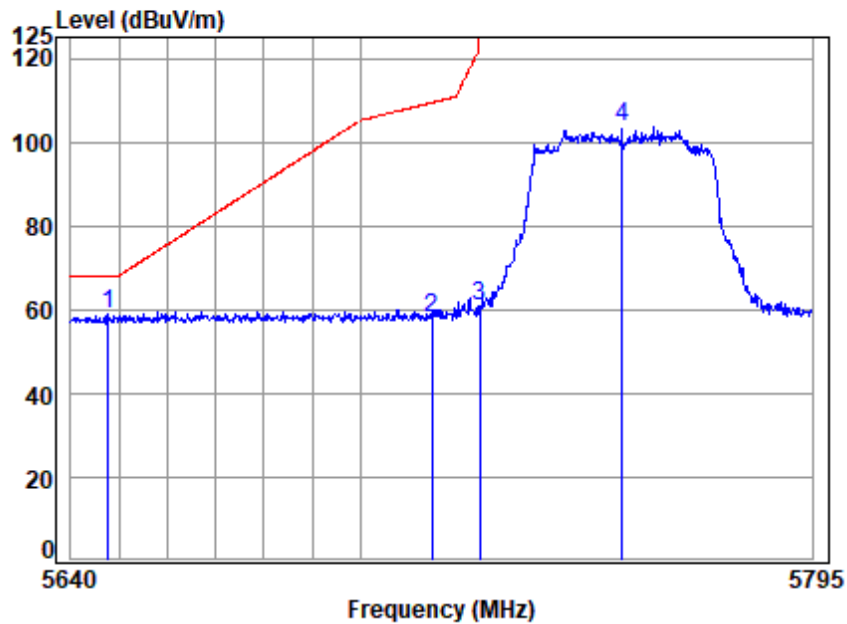
Mode : 5825 Band edge

: 5.8G Wi-Fi 11be20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5825.000	10.99	33.50	30.57	90.03	103.95	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.90	59.89	122.20	-62.31 peak
3 5860.000	10.94	33.58	30.56	45.56	59.52	109.40	-49.88 peak
4 pp 5929.472	10.87	33.56	30.53	46.73	60.63	68.20	-7.57 peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

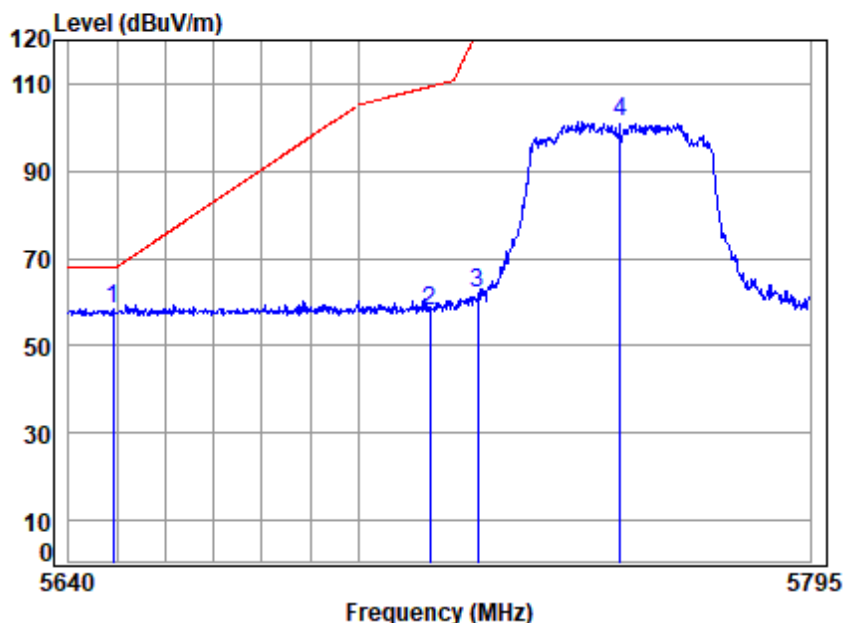
Mode : 5755 Band edge

: 5.8G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5647.804	10.48	33.10	30.64	45.89	58.83	68.20	-9.37	peak
2	5715.000	10.63	33.23	30.61	44.79	58.04	109.40	-51.36	peak
3	5725.000	10.68	33.25	30.61	47.60	60.92	122.20	-61.28	peak
4	5755.000	10.81	33.31	30.60	89.89	103.41	-----	-----	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

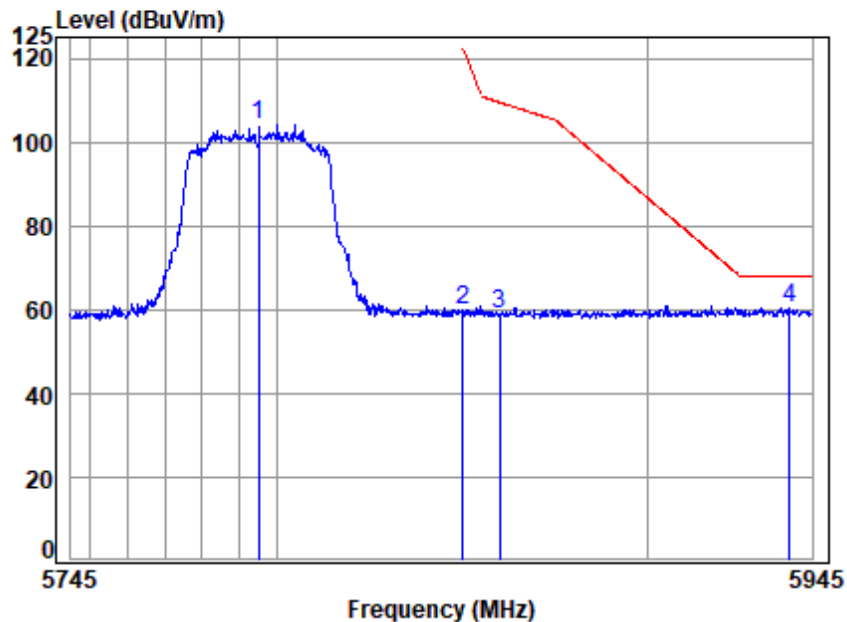
Mode : 5755 Band edge

: 5.8G Wi-Fi 11be40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5649.182	10.48	33.10	30.64	45.54	58.48	68.20	-9.72 peak
2	5715.000	10.63	33.23	30.61	44.74	57.99	109.40	-51.41 peak
3	5725.000	10.68	33.25	30.61	48.60	61.92	122.20	-60.28 peak
4	5755.000	10.81	33.31	30.60	87.97	101.49	-----	----- peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

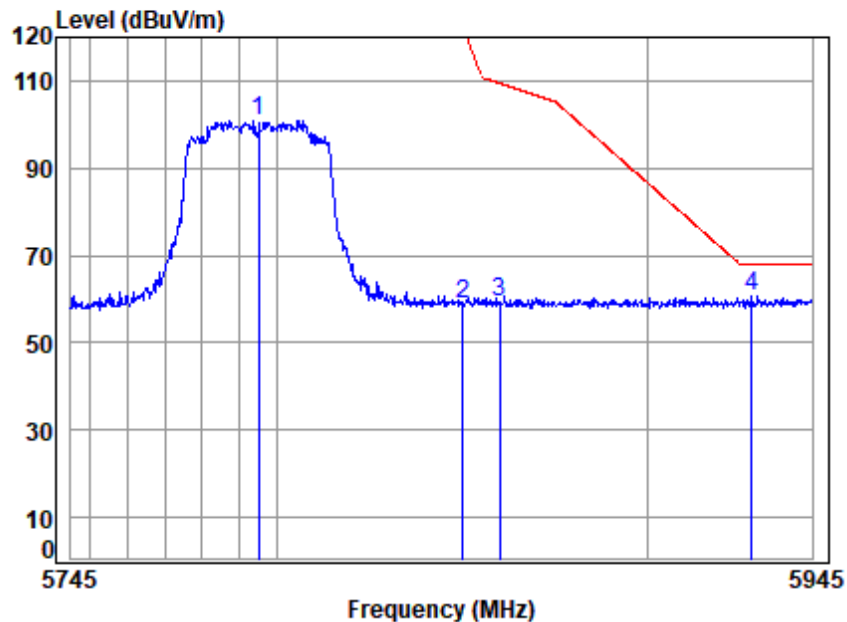
Mode : 5795 Band edge

: 5.8G Wi-Fi 11be40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	90.36	104.17	-----	-----	peak
2	5850.000	10.95	33.60	30.56	45.74	59.73	122.20	-62.47	peak
3	5860.000	10.94	33.58	30.56	45.06	59.02	109.40	-50.38	peak
4 pp	5938.900	10.86	33.58	30.52	46.57	60.49	68.20	-7.71	peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11be40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5795.000	11.00	33.39	30.58	87.12	100.93	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.00	58.99	122.20	-63.21 peak
3 5860.000	10.94	33.58	30.56	45.34	59.30	109.40	-50.10 peak
4 pp 5928.544	10.87	33.56	30.53	46.69	60.59	68.20	-7.61 peak



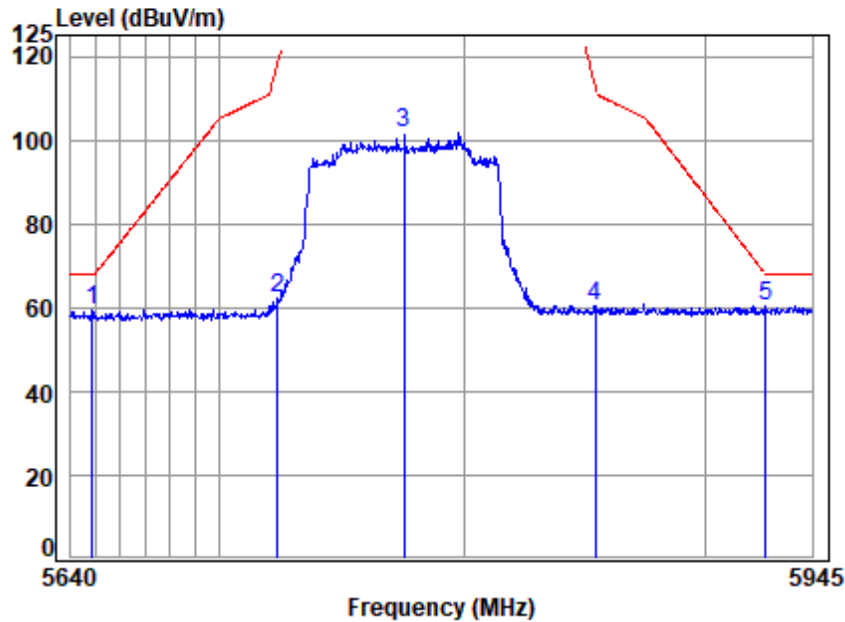
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Report No.: SZCR250500215005

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Test Mode: 22; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11be80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5648.621	10.48	33.10	30.64	46.42	59.36	68.20	-8.84 Peak
2	5723.486	10.67	33.25	30.61	49.09	62.40	118.75	-56.35 peak
3	5775.000	10.91	33.35	30.59	88.18	101.85	-----	----- peak
4	5853.965	10.95	33.59	30.56	46.35	60.33	113.16	-52.83 peak
5 pp	5925.307	10.87	33.55	30.53	46.54	60.43	68.20	-7.77 peak



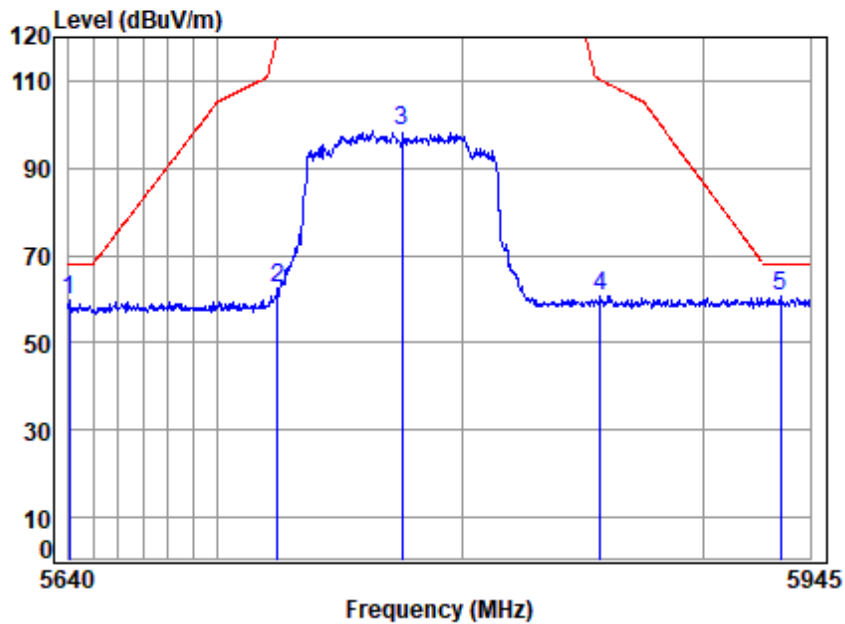
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Shenzhen Branch Inspection & Testing Laboratory

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Test Mode: 22; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

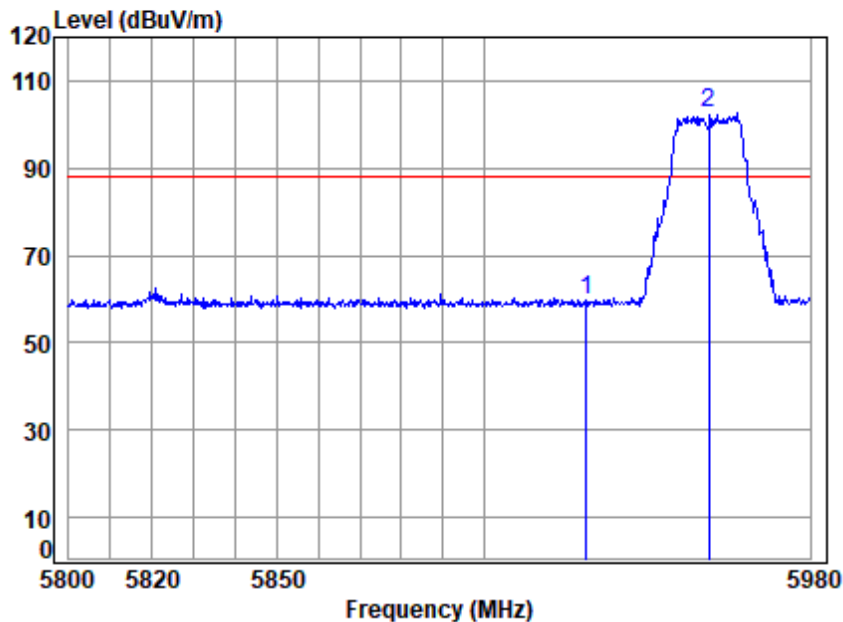
Mode : 5775 Band edge

: 5.8G Wi-Fi 11be80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5640.297	10.47	33.08	30.64	46.64	59.55	68.20	-8.65	Peak
2	5724.390	10.67	33.25	30.61	49.37	62.68	120.81	-58.13	peak
3	5775.000	10.91	33.35	30.59	84.69	98.36	-----	-----	peak
4	5857.049	10.95	33.59	30.56	46.63	60.61	110.23	-49.62	peak
5 pp	5932.489	10.86	33.56	30.53	46.75	60.64	68.20	-7.56	peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

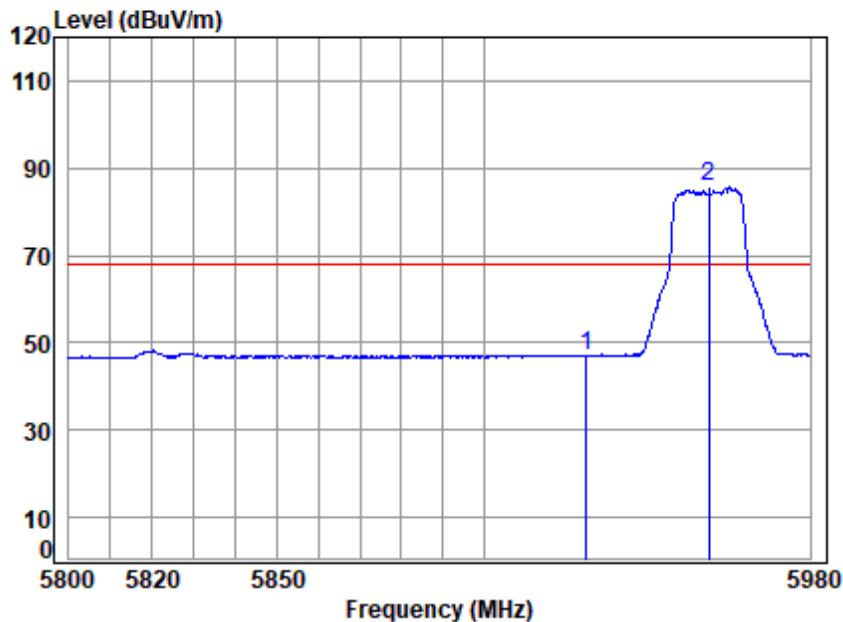
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.82	59.71	88.20	-28.49	peak
2 pp	5955.000	10.85	33.62	30.52	88.53	102.48	88.20	14.28	peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.09	46.98	68.20	-21.22	Average
2 pp	5955.000	10.85	33.62	30.52	71.70	85.65	68.20	17.45	Average



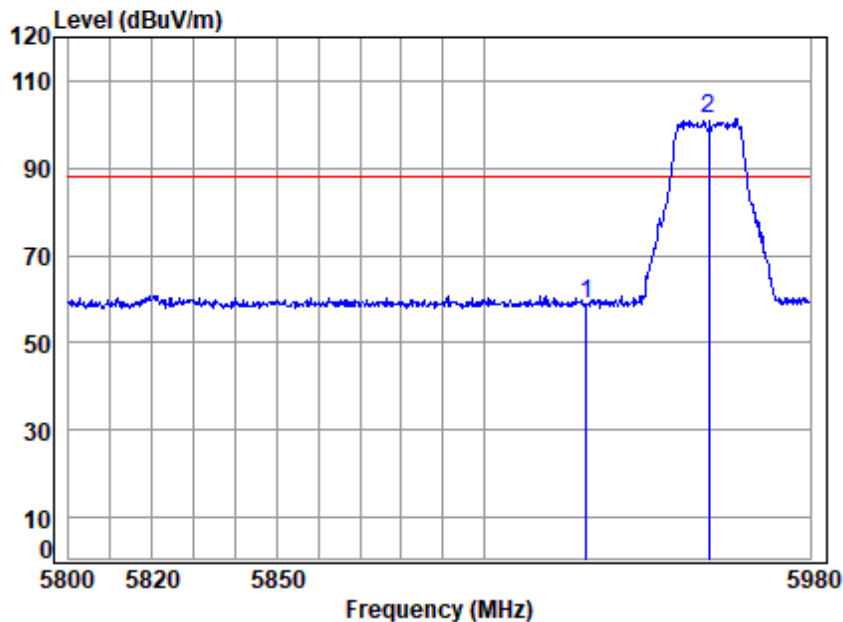
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Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

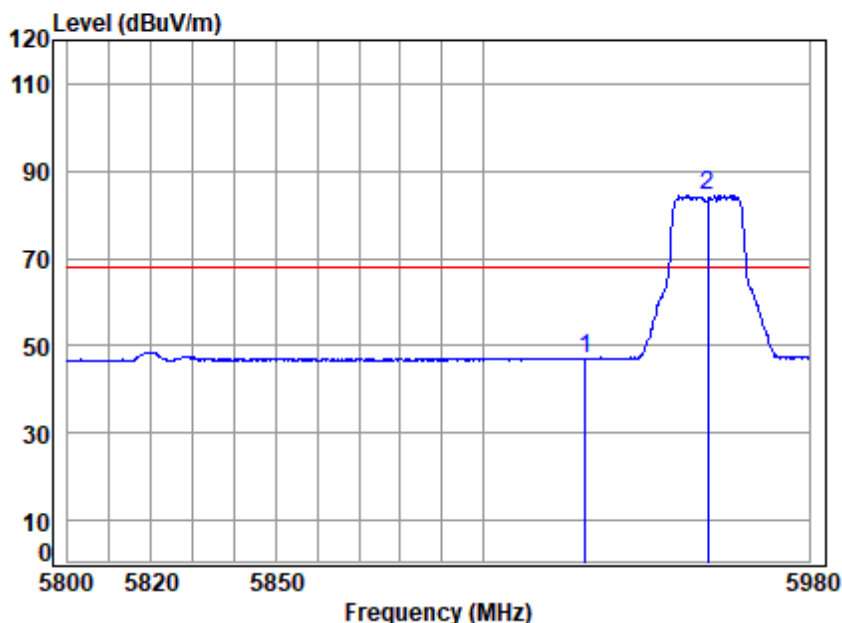
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.14	59.03	88.20	-29.17	peak
2 pp	5955.000	10.85	33.62	30.52	87.37	101.32	88.20	13.12	peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

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

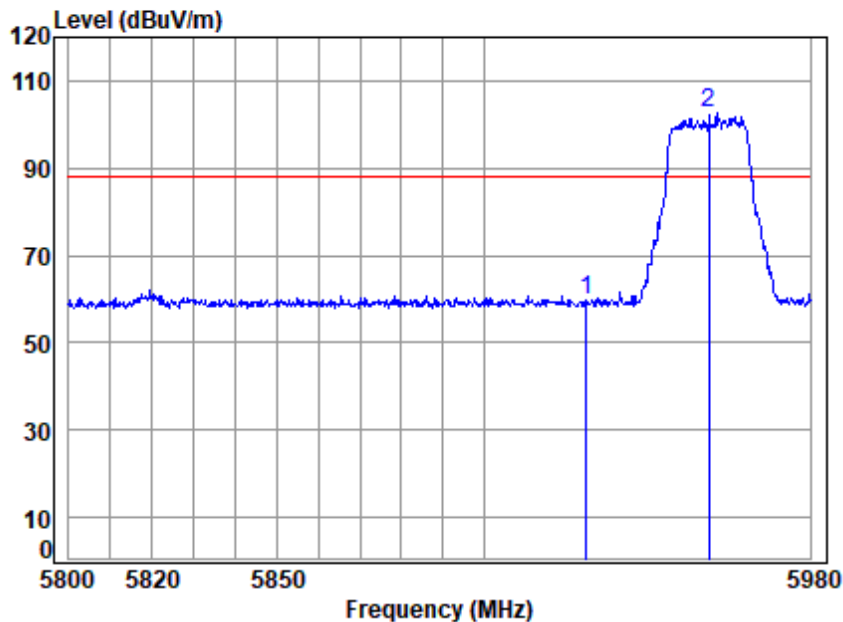
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.08	46.97	68.20	-21.23	Average
2 pp	5955.000	10.85	33.62	30.52	70.44	84.39	68.20	16.19	Average



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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

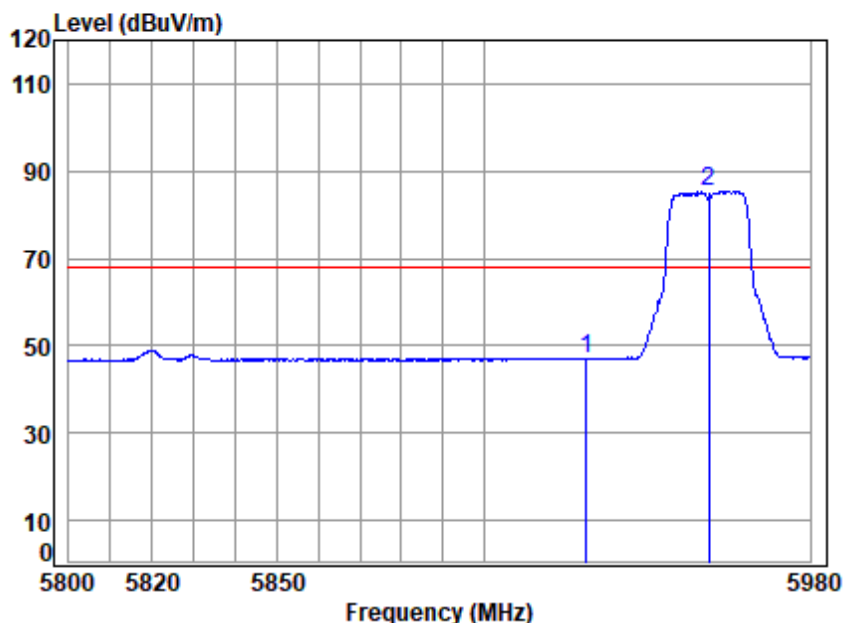
Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.69	59.58	88.20	-28.62	peak
2 pp	5955.000	10.85	33.62	30.52	88.64	102.59	88.20	14.39	peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	33.29	47.18	68.20	-21.02 Average
2 pp	5955.000	10.85	33.62	30.52	71.47	85.42	68.20	17.22 Average



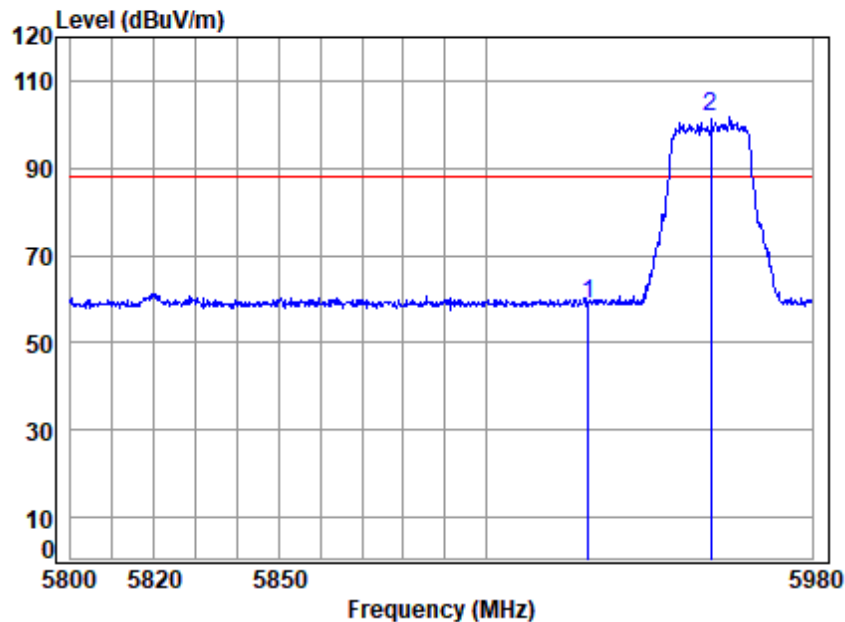
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

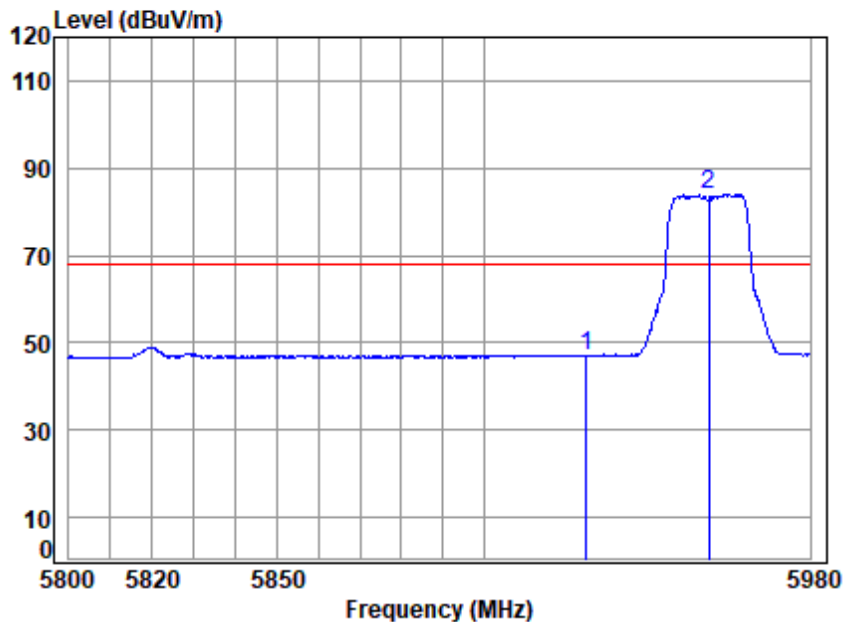
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	44.89	58.78	88.20	-29.42 peak
2 pp	5955.000	10.85	33.62	30.52	87.73	101.68	88.20	13.48 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

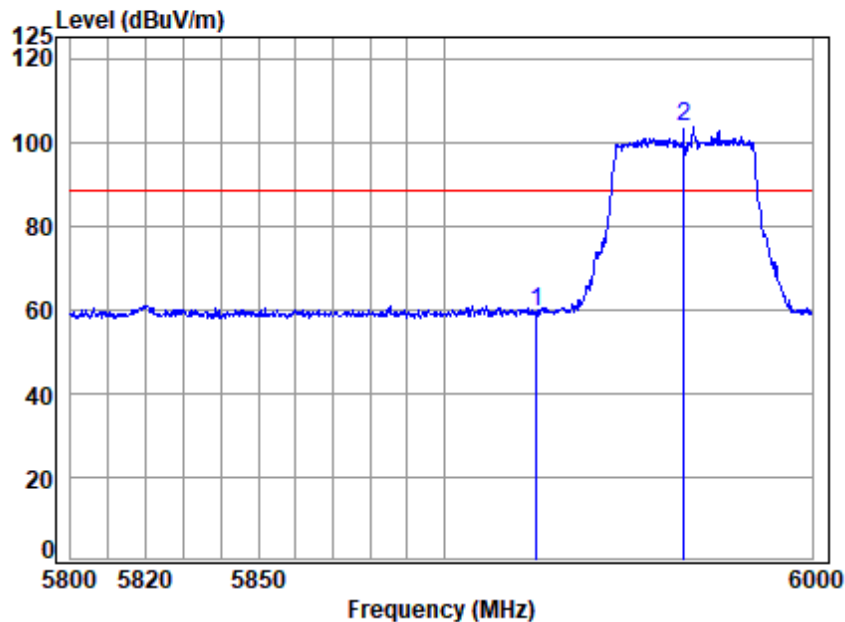
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.12	47.01	68.20	-21.19	Average
2 pp	5955.000	10.85	33.62	30.52	70.12	84.07	68.20	15.87	Average



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

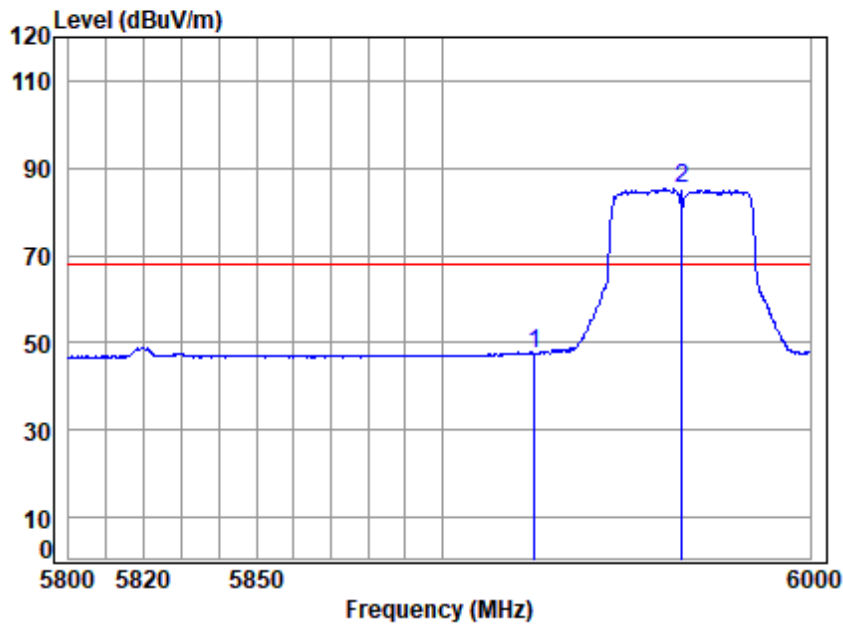
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.58	59.47	88.20	-28.73	peak
2 pp	5965.000	10.84	33.66	30.51	89.75	103.74	88.20	15.54	peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

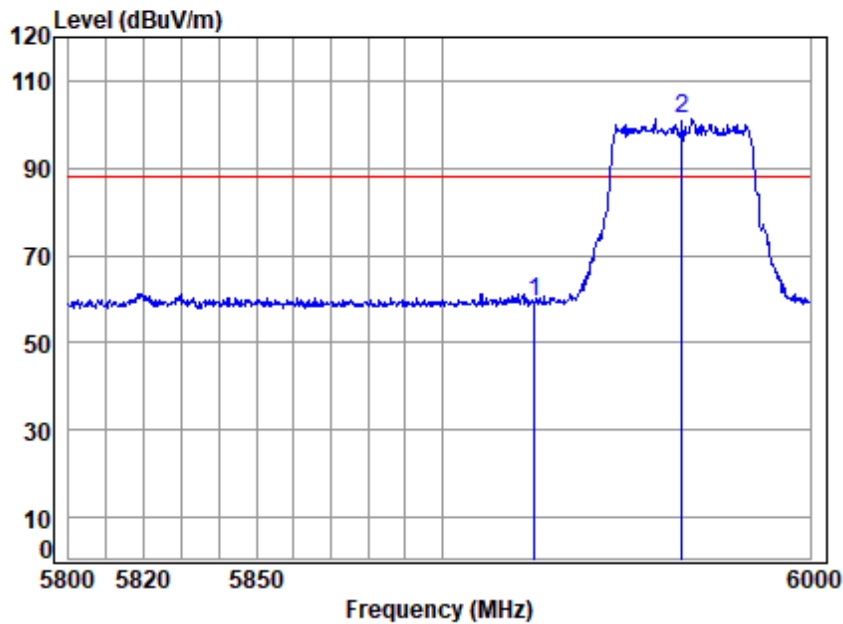
Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	33.62	47.51	68.20	-20.69 Average
2 pp	5965.000	10.84	33.66	30.51	71.40	85.39	68.20	17.19 Average



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

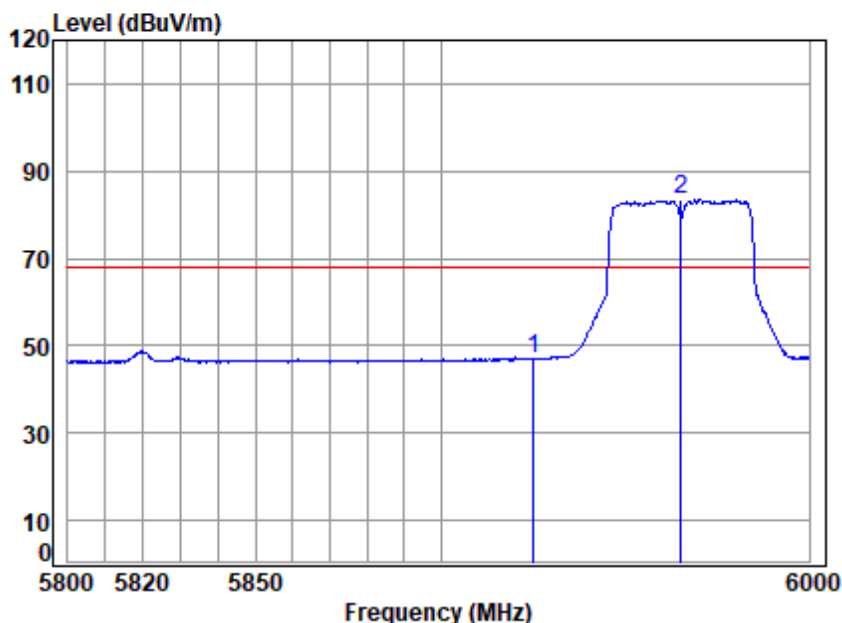
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.61	59.50	88.20	-28.70 peak
2	pp 5965.000	10.84	33.66	30.51	87.29	101.28	88.20	13.08 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

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

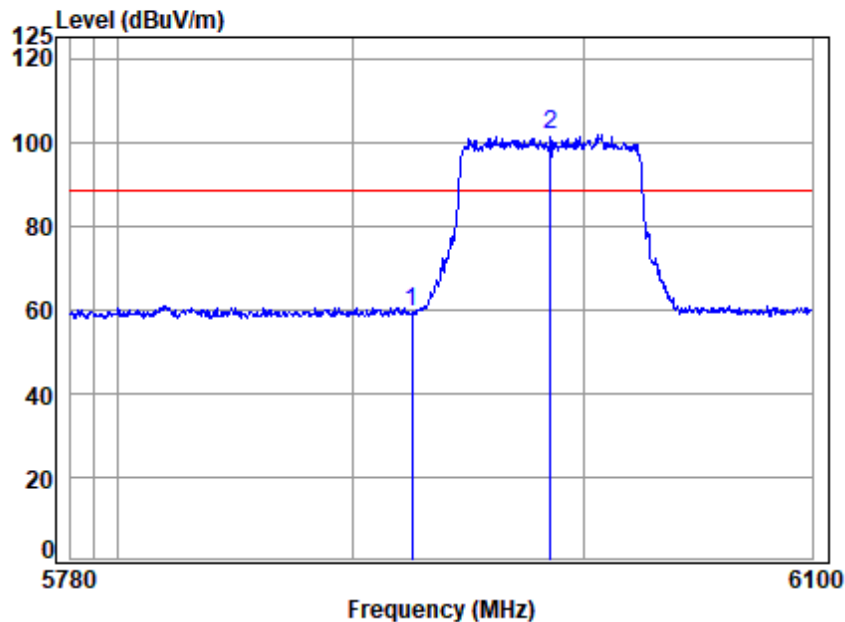
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	33.10	46.99	68.20	-21.21 Average
2 pp	5965.000	10.84	33.66	30.51	69.42	83.41	68.20	15.21 Average



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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

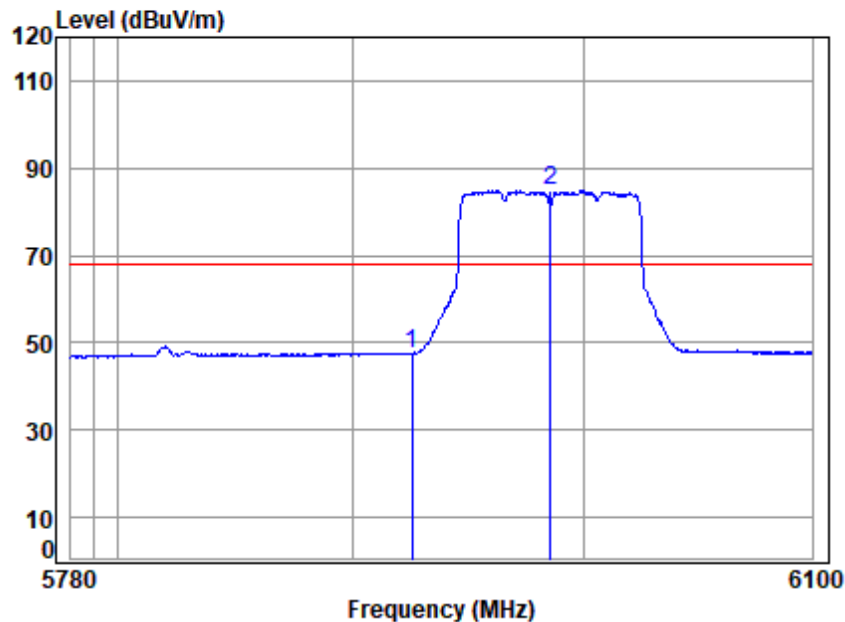
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	45.66	59.55	88.20	-28.65 peak
2 pp	5985.000	10.82	33.74	30.51	87.87	101.92	88.20	13.72 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

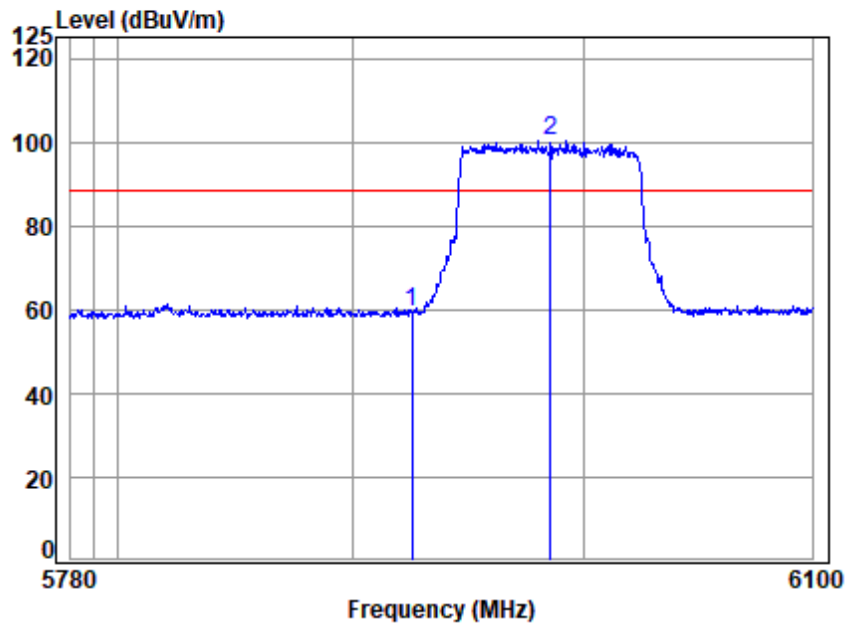
Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	33.66	47.55	68.20	-20.65 Average
2 pp	5985.000	10.82	33.74	30.51	70.74	84.79	68.20	16.59 Average



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

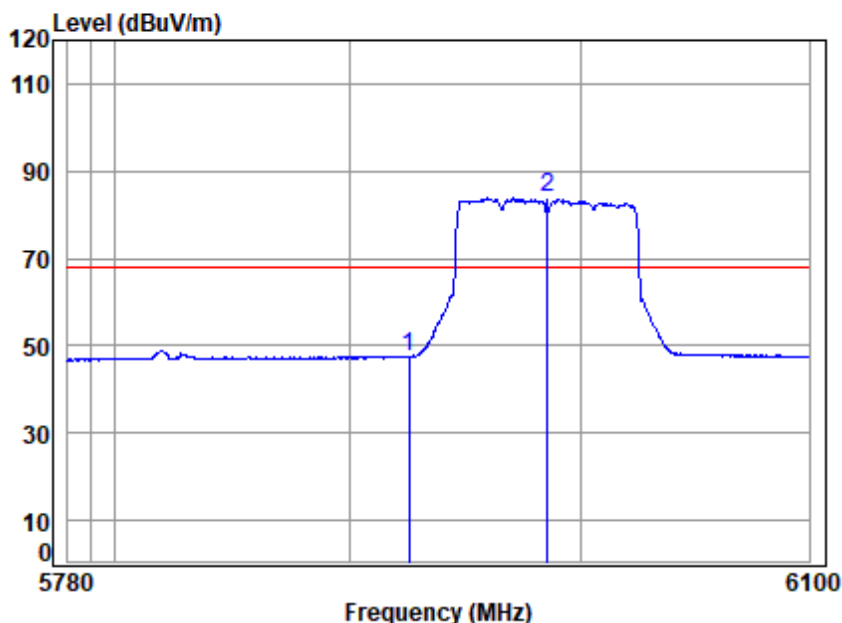
Job No : 02150AT

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

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5925.000	10.87	33.55	30.53	45.41	59.30	88.20	-28.90 peak
2 pp	5985.000	10.82	33.74	30.51	86.11	100.16	88.20	11.96 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.56	47.45	68.20	-20.75	Average
2 pp	5985.000	10.82	33.74	30.51	69.80	83.85	68.20	15.65	Average



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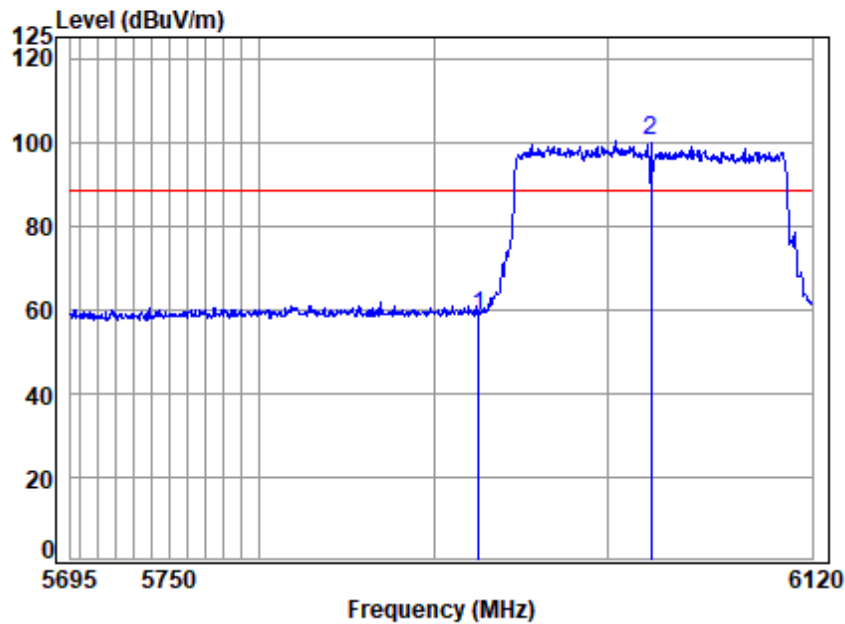
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SZEMC-TRF-01 Rev. A/1

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	44.61	58.50	88.20	-29.70	peak
2 pp	6025.000	10.82	33.85	30.52	85.96	100.11	88.20	11.91	peak



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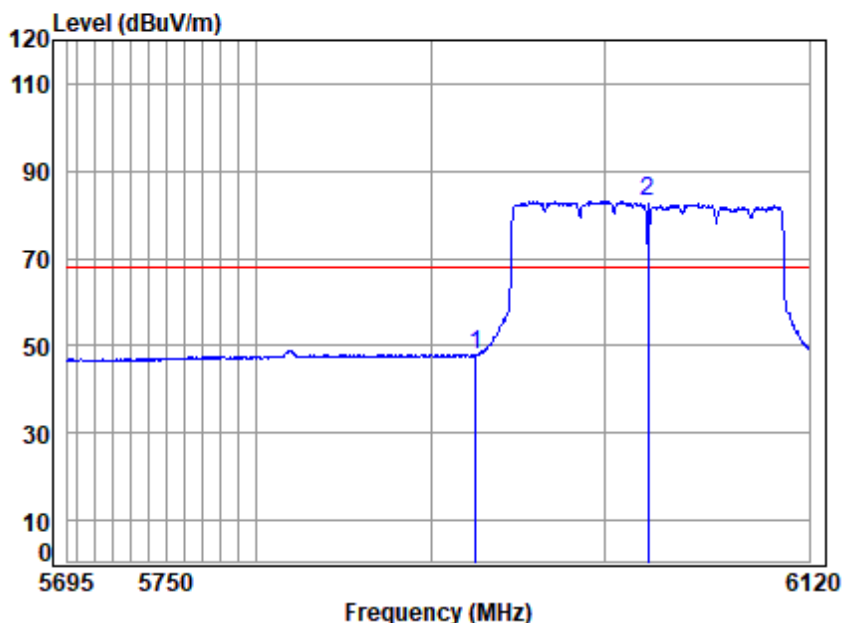
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.93	47.82	68.20	-20.38 Average
2	pp 6025.000	10.82	33.85	30.52	68.95	83.10	68.20	14.90 Average



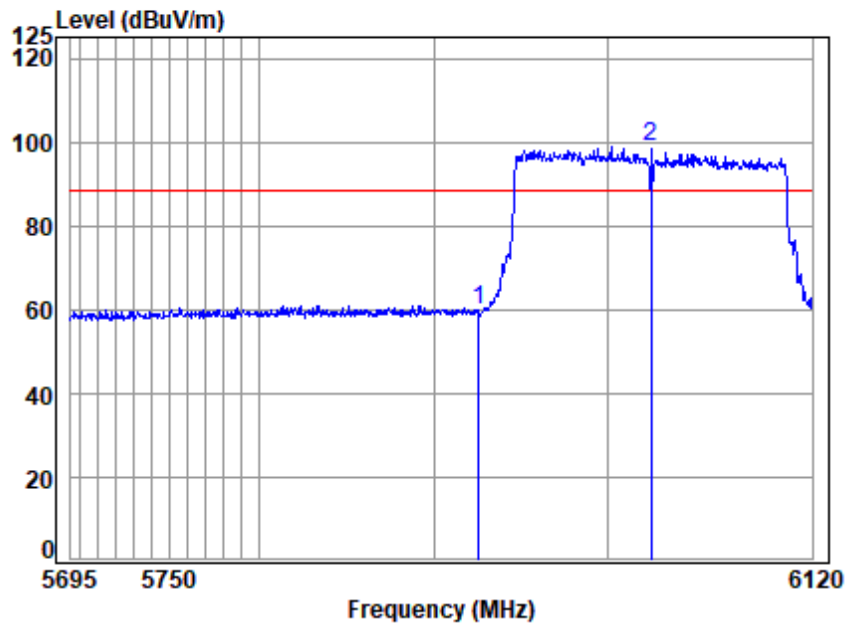
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

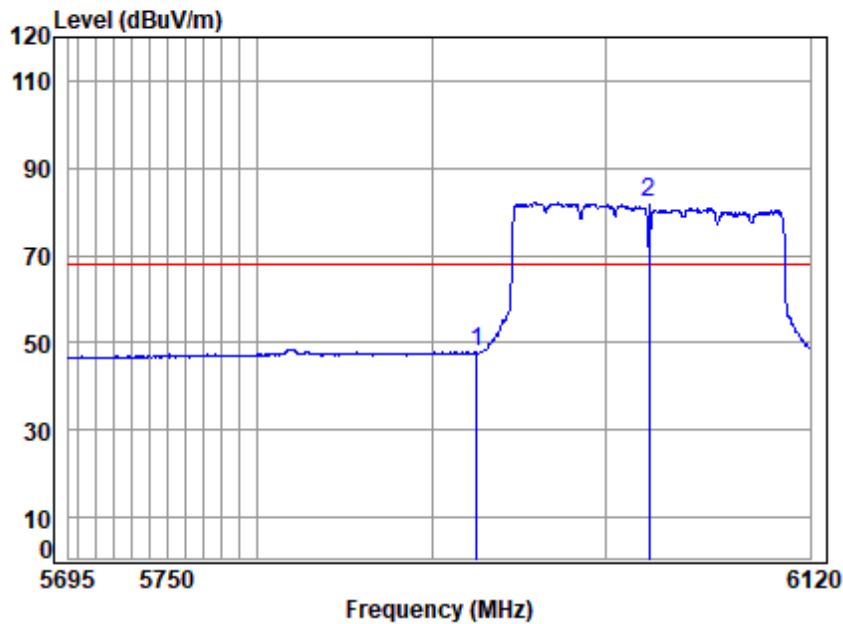
Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	46.12	60.01	88.20	-28.19 peak
2	pp 6025.000	10.82	33.85	30.52	84.82	98.97	88.20	10.77 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

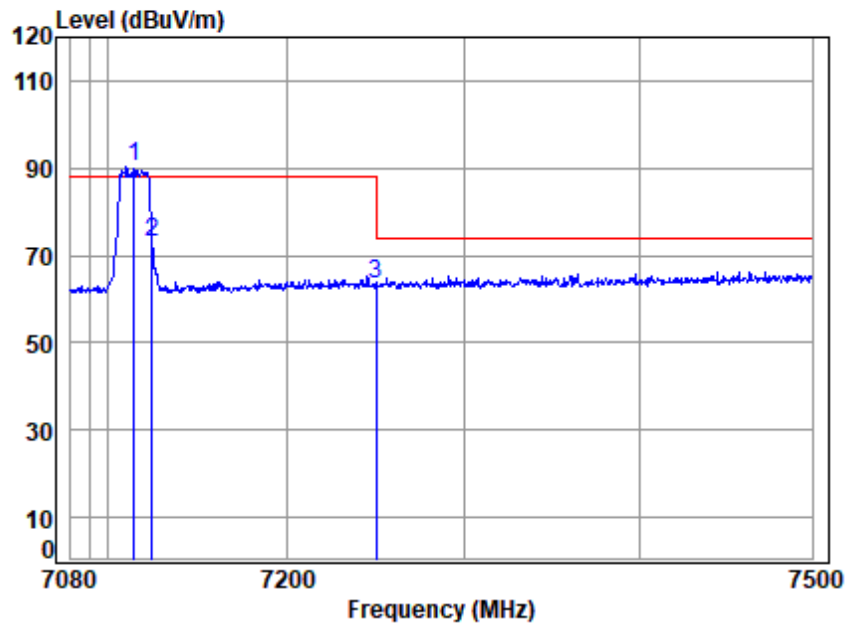
Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5925.000	10.87	33.55	30.53	33.85	47.74	68.20	-20.46 Average
2	pp 6025.000	10.82	33.85	30.52	67.88	82.03	68.20	13.83 Average



Test Mode: 30; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

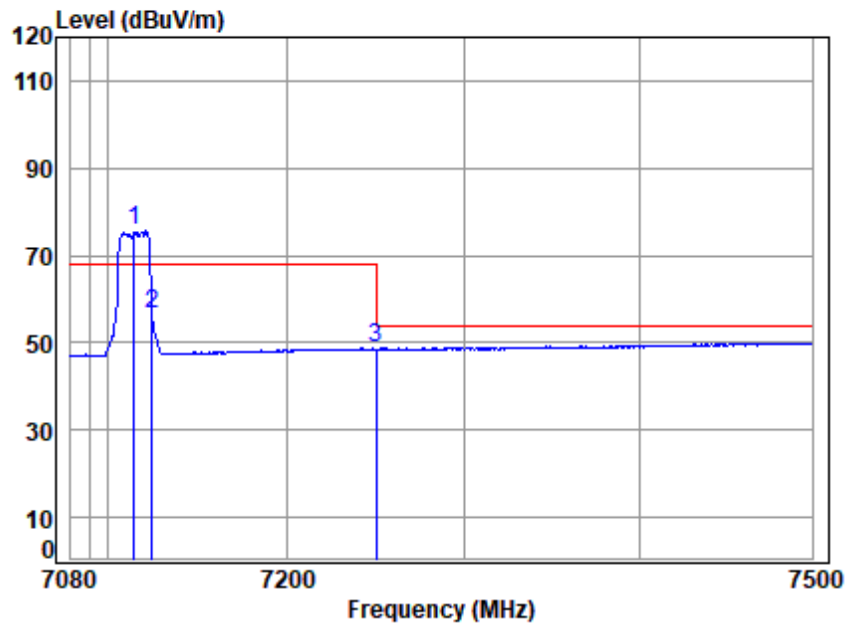
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	73.38	90.36	88.20	2.16	peak
2	7125.024	11.82	36.45	31.26	55.84	72.85	88.20	-15.35	peak
3	7250.000	11.90	36.60	31.33	46.24	63.41	74.00	-10.59	peak



Test Mode: 30; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

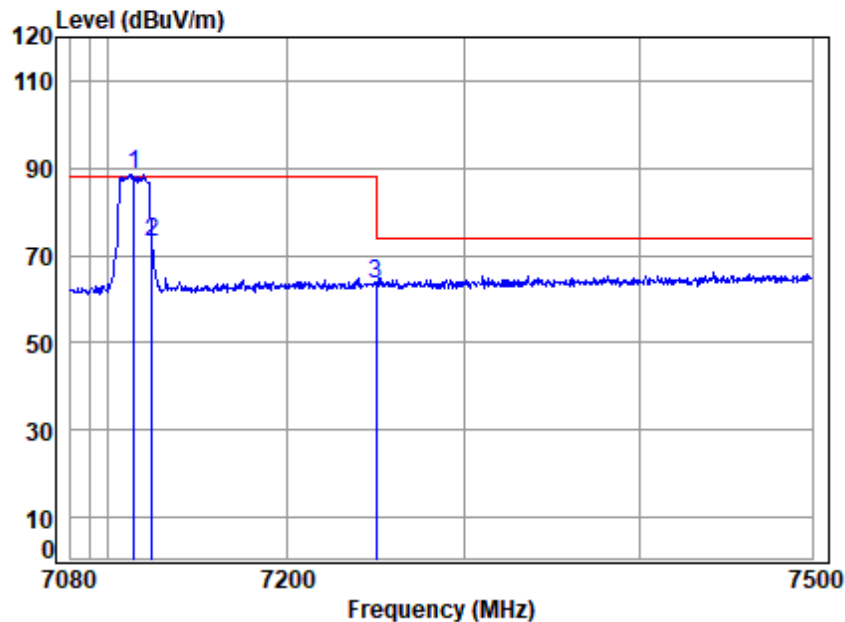
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	58.58	75.56	68.20	7.36	Average
2	7125.024	11.82	36.45	31.26	39.74	56.75	68.20	-11.45	Average
3	7250.000	11.90	36.60	31.33	31.56	48.73	54.00	-5.27	Average



Test Mode: 30; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

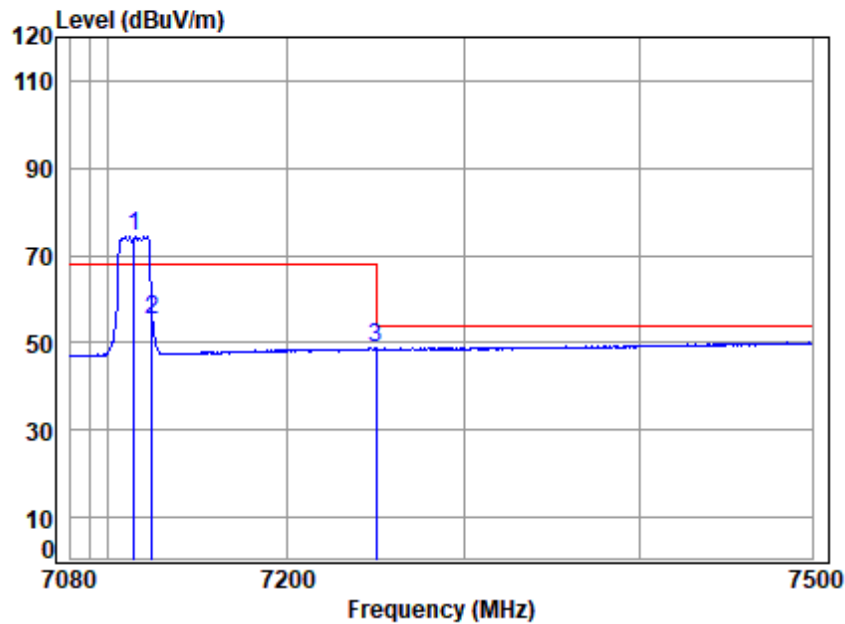
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	71.67	88.65	88.20	0.45	peak
2	7125.024	11.82	36.45	31.26	56.14	73.15	88.20	-15.05	peak
3	7250.000	11.90	36.60	31.33	46.45	63.62	74.00	-10.38	peak



Test Mode: 30; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

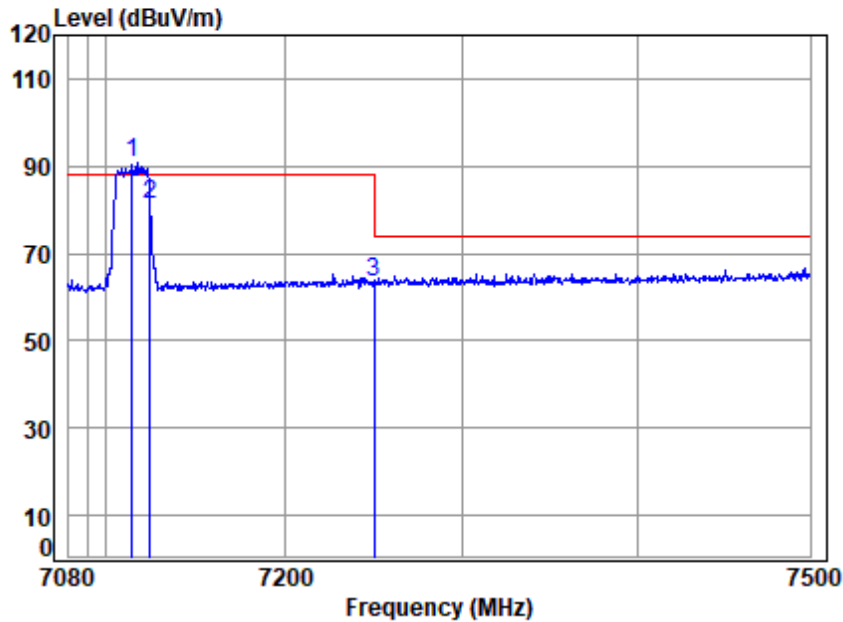
Job No : 02150AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	57.41	74.39	68.20	6.19	Average
2	7125.024	11.82	36.45	31.26	38.38	55.39	68.20	-12.81	Average
3	7250.000	11.90	36.60	31.33	31.73	48.90	54.00	-5.10	Average



Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	73.74	90.72	88.20	2.52	peak
2	7125.024	11.82	36.45	31.26	64.31	81.32	88.20	-6.88	peak
3	7250.000	11.90	36.60	31.33	46.47	63.64	74.00	-10.36	peak



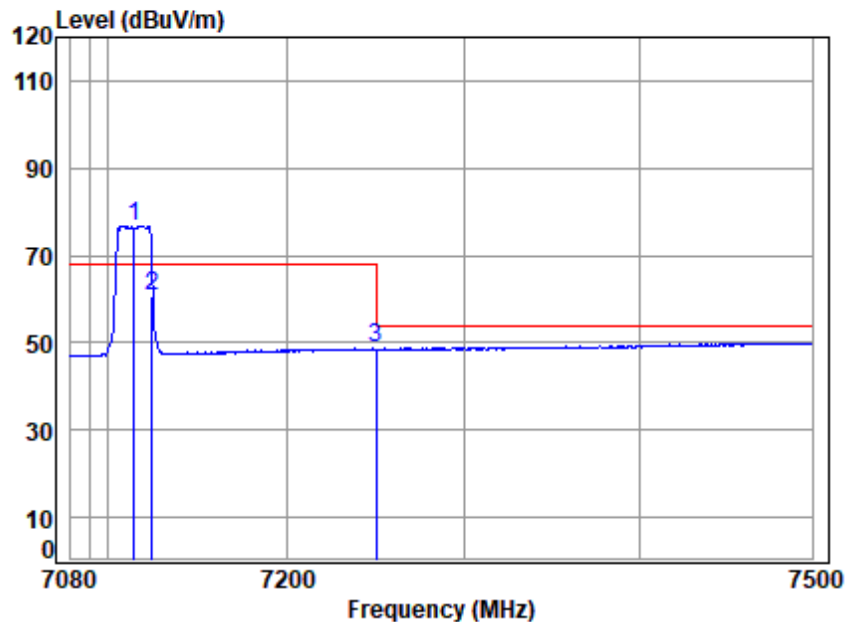
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Report No.: SZCR250500215005

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	59.88	76.86	68.20	8.66	Average
2	7125.024	11.82	36.45	31.26	43.86	60.87	68.20	-7.33	Average
3	7250.000	11.90	36.60	31.33	31.79	48.96	54.00	-5.04	Average



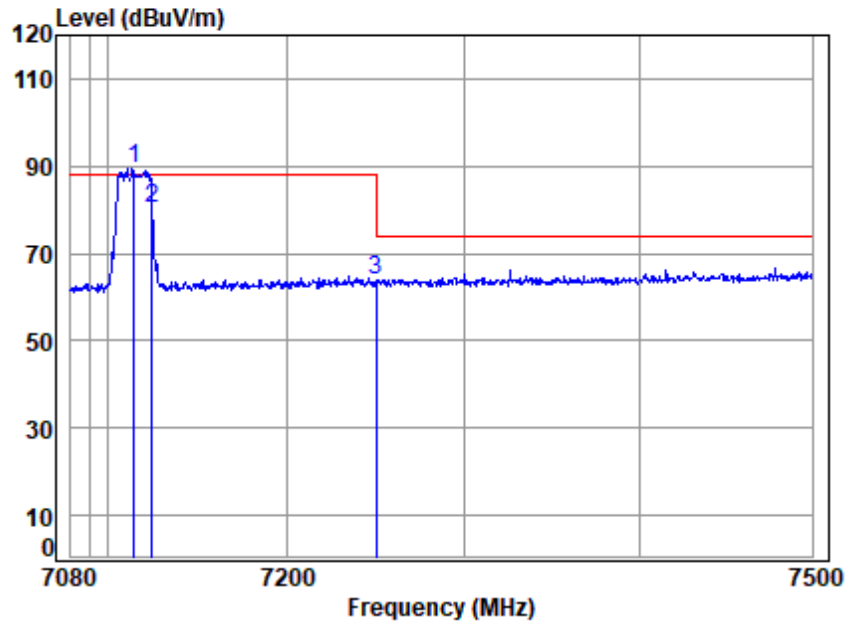
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

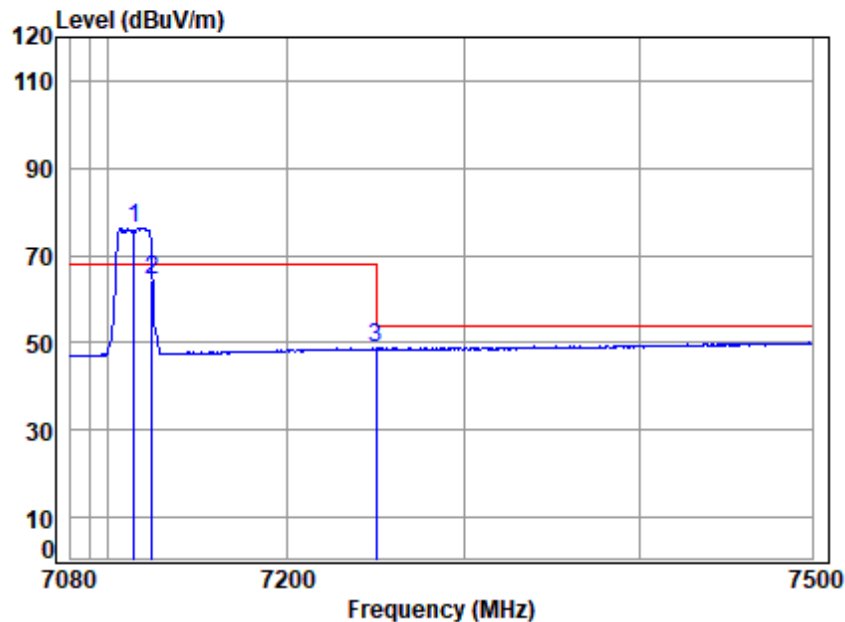
Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7115.000	11.81	36.43	31.26	72.67	89.65	88.20	1.45	peak
2	7125.024	11.82	36.45	31.26	63.09	80.10	88.20	-8.10	peak
3	7250.000	11.90	36.60	31.33	46.48	63.65	74.00	-10.35	peak



Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

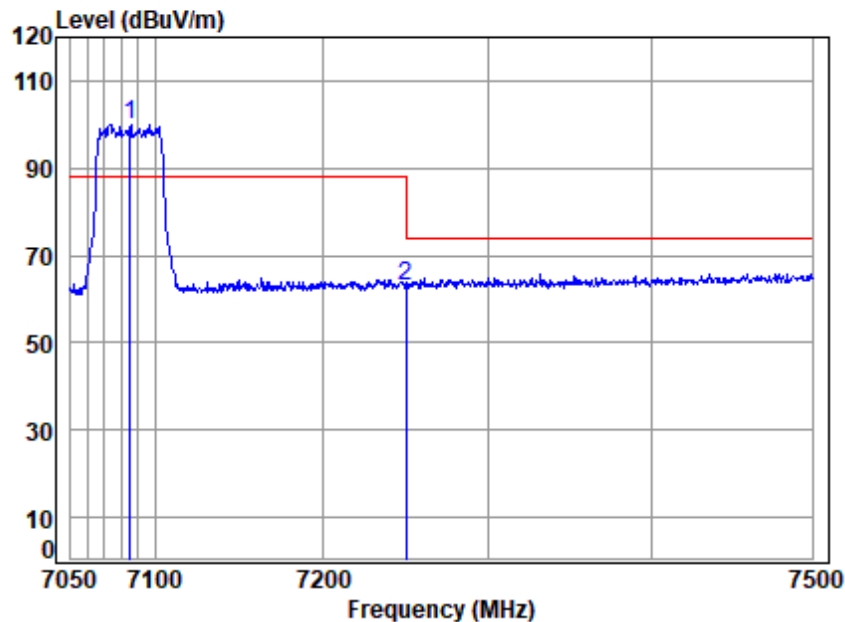
Job No : 02150AT

Mode : 7115 Band edge
: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7115.000	11.81	36.43	31.26	59.25	76.23	68.20	8.03	Average	
2 7125.024	11.82	36.45	31.26	47.44	64.45	68.20	-3.75	Average	
3 7250.000	11.90	36.60	31.33	31.60	48.77	54.00	-5.23	Average	



Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7085.000	11.77	36.37	31.24	83.14	100.04	88.20	11.84	peak
2	7250.000	11.90	36.60	31.33	45.83	63.00	74.00	-11.00	peak



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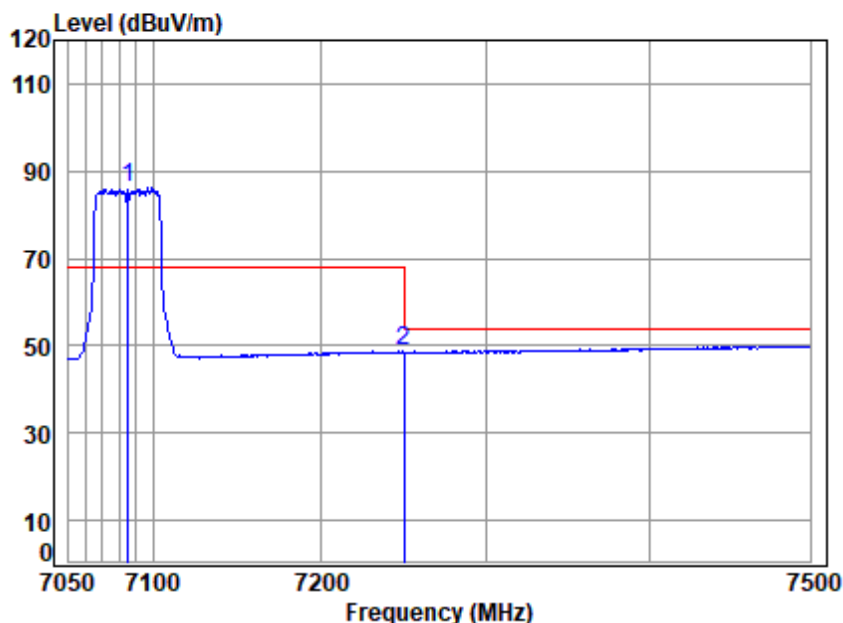
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7085.000	11.77	36.37	31.24	69.28	86.18	68.20	17.98	Average
2	7250.000	11.90	36.60	31.33	31.76	48.93	54.00	-5.07	Average



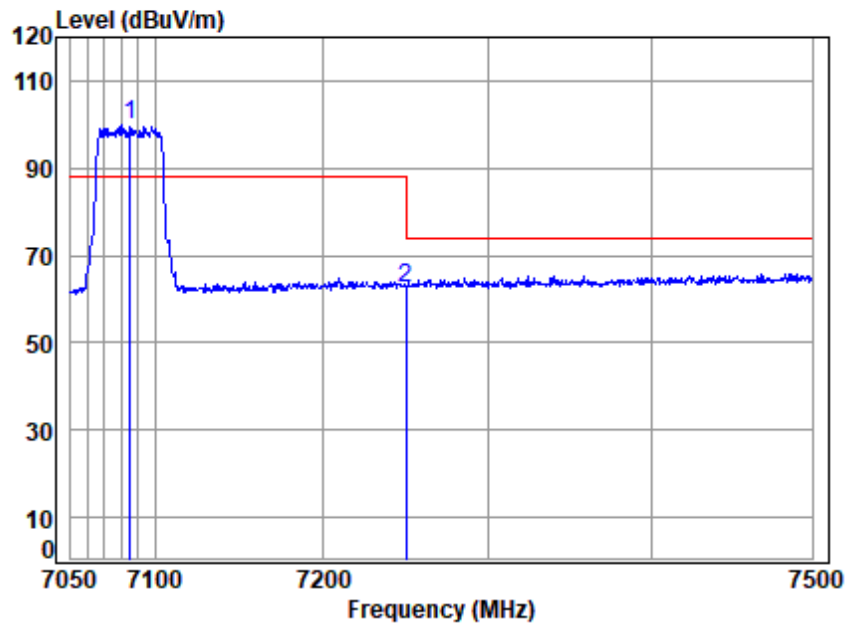
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7085.000	11.77	36.37	31.24	82.89	99.79	88.20	11.59	peak
2	7250.000	11.90	36.60	31.33	45.39	62.56	74.00	-11.44	peak



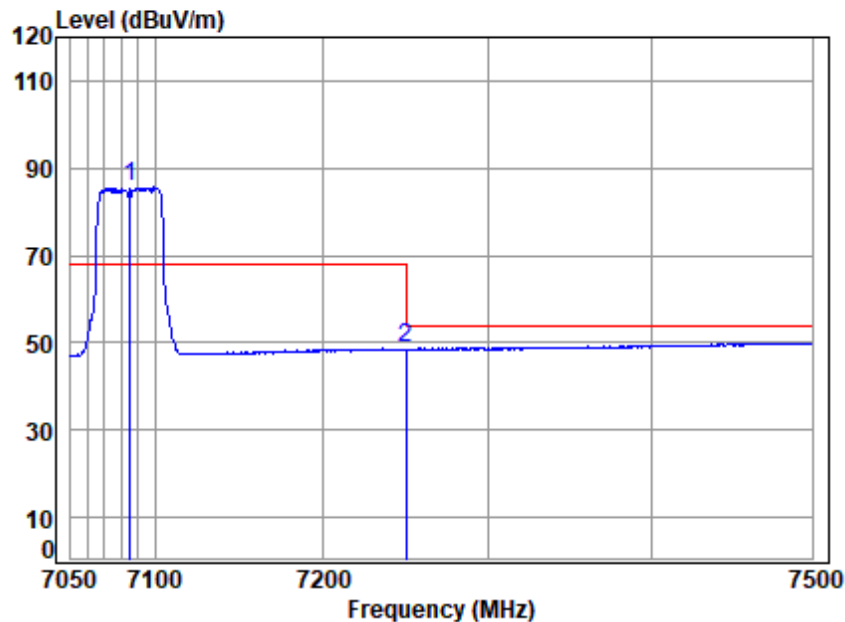
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

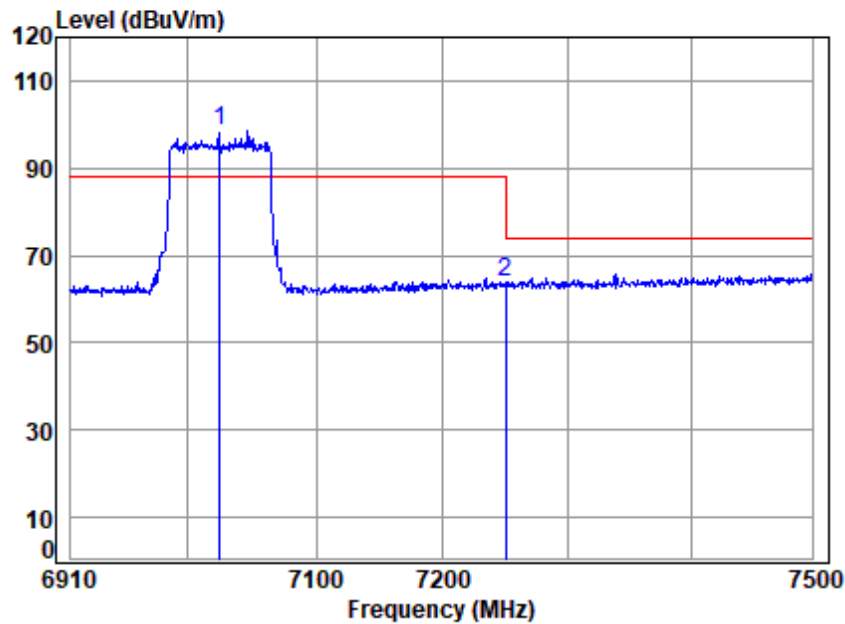
Job No : 02150AT

Mode : 7085 Band edge
: Wi-Fi 6E 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7085.000	11.77	36.37	31.24	68.66	85.56	68.20	17.36	Average
2	7250.000	11.90	36.60	31.33	31.76	48.93	54.00	-5.07	Average



Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

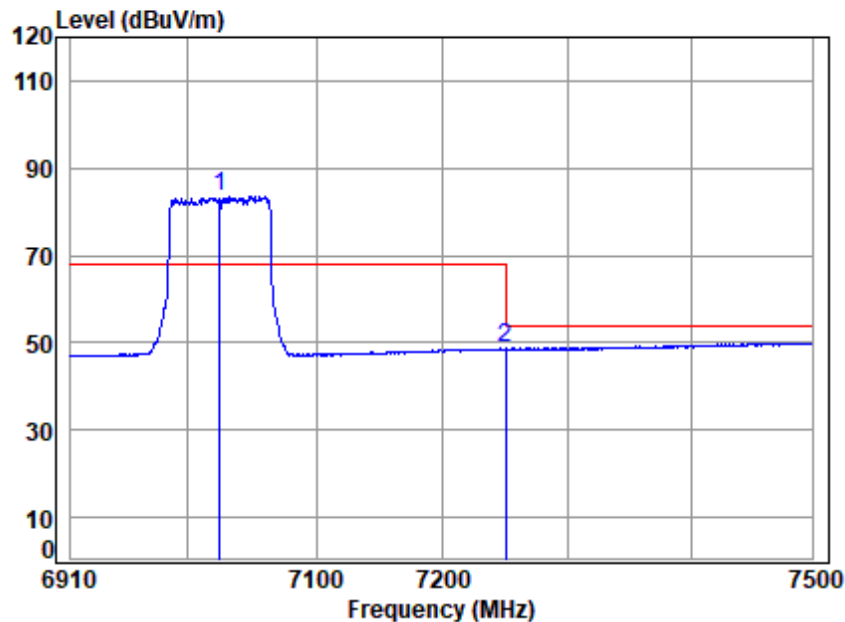
Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7025.000	11.64	36.25	31.21	81.92	98.60	88.20	10.40	peak	
2 7250.000	11.90	36.60	31.33	46.59	63.76	74.00	-10.24	peak	



Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

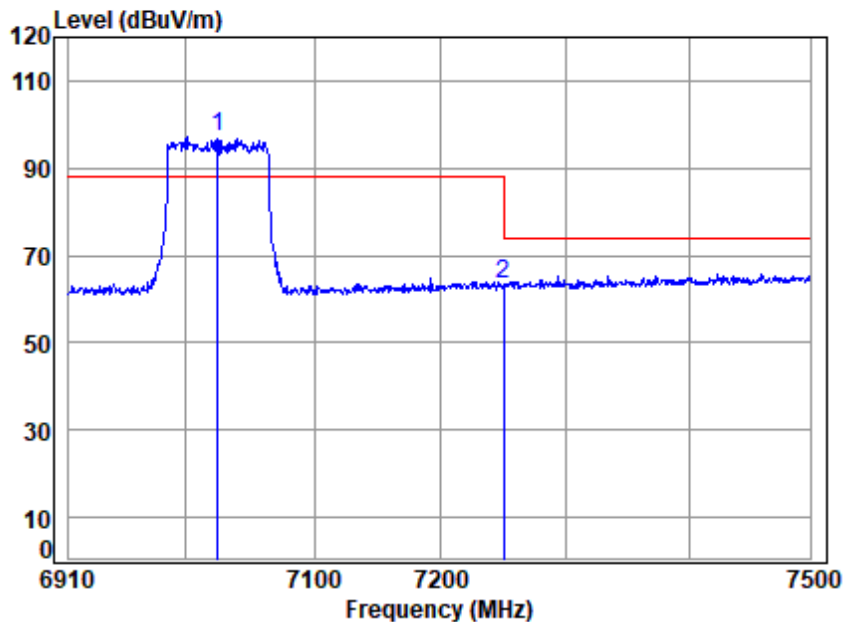
Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	7025.000	11.64	36.25	31.21	66.77	83.45	68.20	15.25	Average
2	7250.000	11.90	36.60	31.33	31.74	48.91	54.00	-5.09	Average



Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

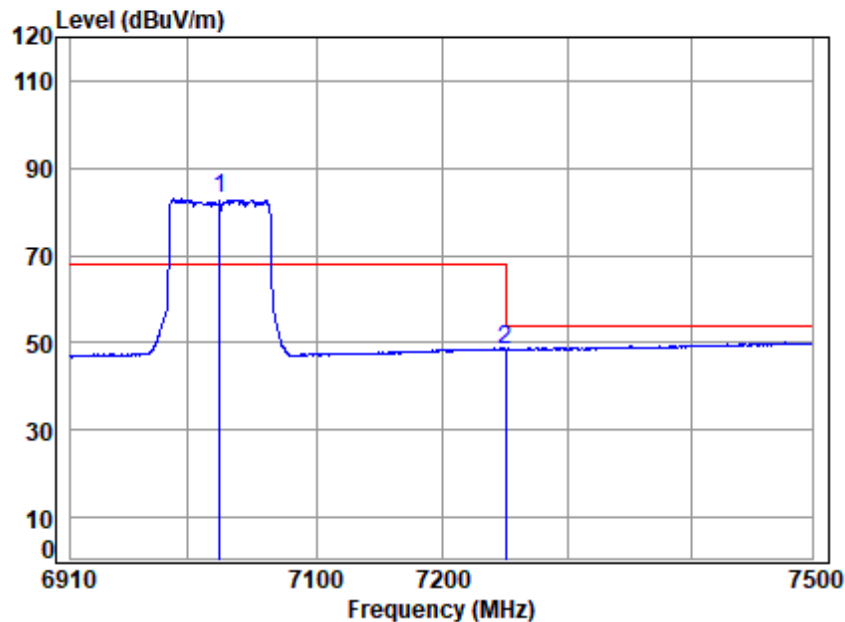
Job No : 02150AT

Mode : 7025 Band edge
: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7025.000	11.64	36.25	31.21	80.43	97.11	88.20	8.91	peak	
2 7250.000	11.90	36.60	31.33	46.47	63.64	74.00	-10.36	peak	



Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 7025.000	11.64	36.25	31.21	66.34	83.02	68.20	14.82	Average	
2 7250.000	11.90	36.60	31.33	31.31	48.48	54.00	-5.52	Average	



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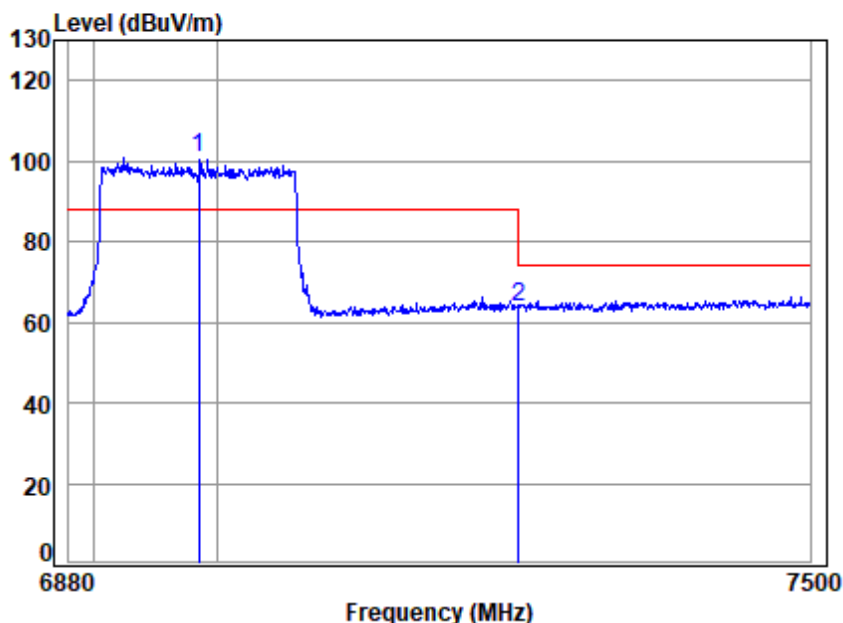
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 6985 Band edge
: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	6985.000	11.57	36.17	31.19	84.15	100.70	88.20	12.50	peak
2	7250.000	11.90	36.60	31.33	46.70	63.87	74.00	-10.13	peak



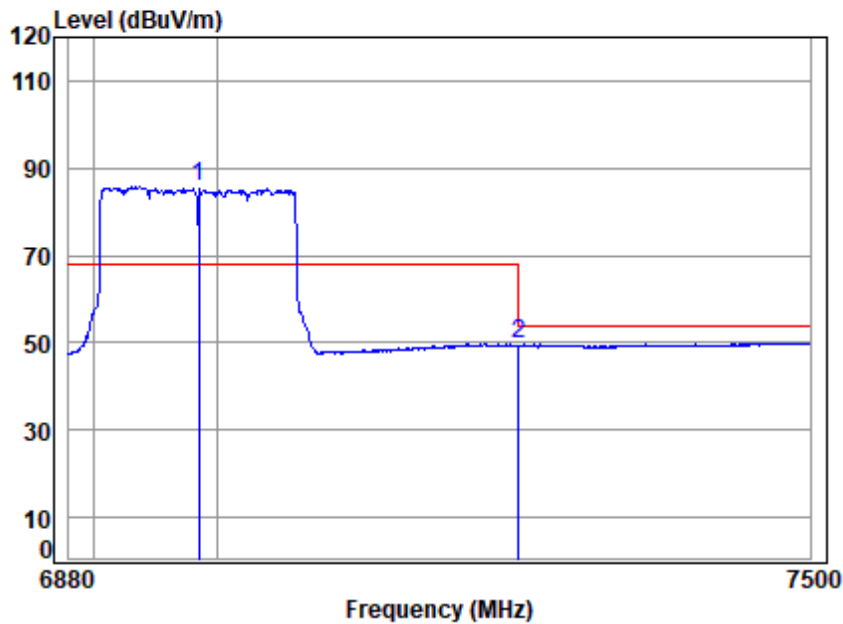
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

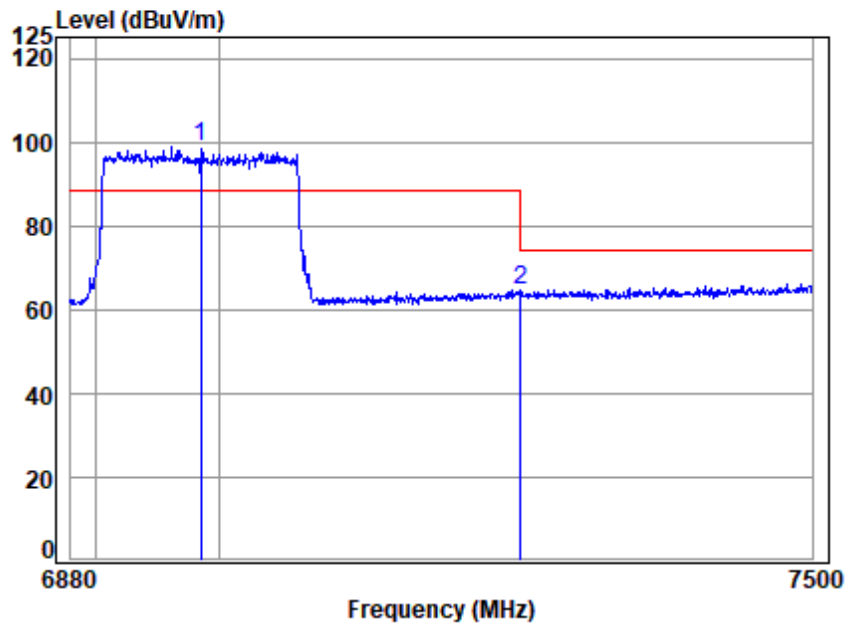
Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	6985.000	11.57	36.17	31.19	69.20	85.75	68.20	17.55	Average
2	7250.000	11.90	36.60	31.33	32.51	49.68	54.00	-4.32	Average



Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	6985.000	11.57	36.17	31.19	82.15	98.70	88.20	10.50	peak
2	7250.000	11.90	36.60	31.33	47.32	64.49	74.00	-9.51	peak



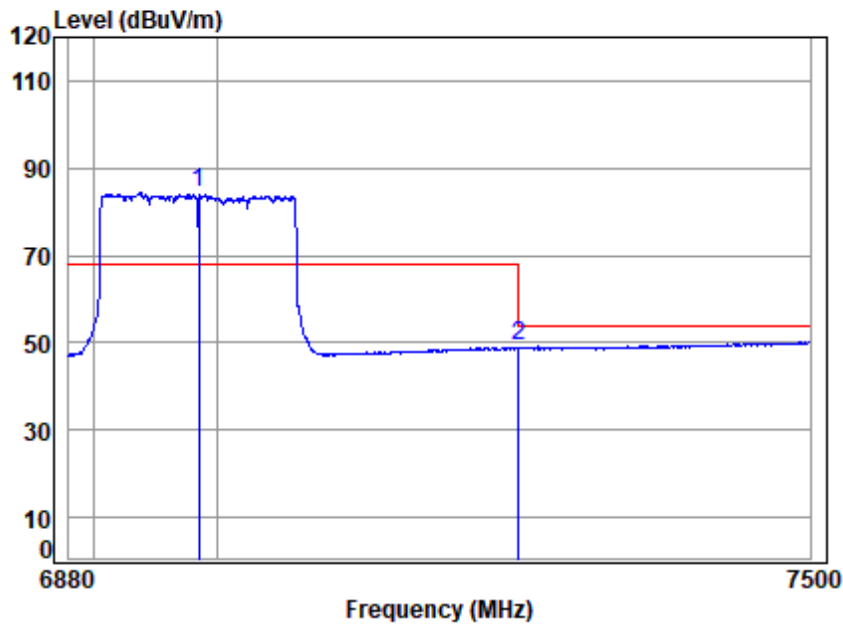
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	6985.000	11.57	36.17	31.19	67.71	84.26	68.20	16.06	Average
2	7250.000	11.90	36.60	31.33	31.96	49.13	54.00	-4.87	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 C63.10-2020 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: 23.4 °C

Humidity: 42.8 % RH

Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Final test	16	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	17	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(20MHz); data rate @ HT0/HT8 is the



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		worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	18	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	19	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	20	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	21	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	22	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	23	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case



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		is recorded in the report.
Pre-scan	24	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	25	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	26	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	30	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.



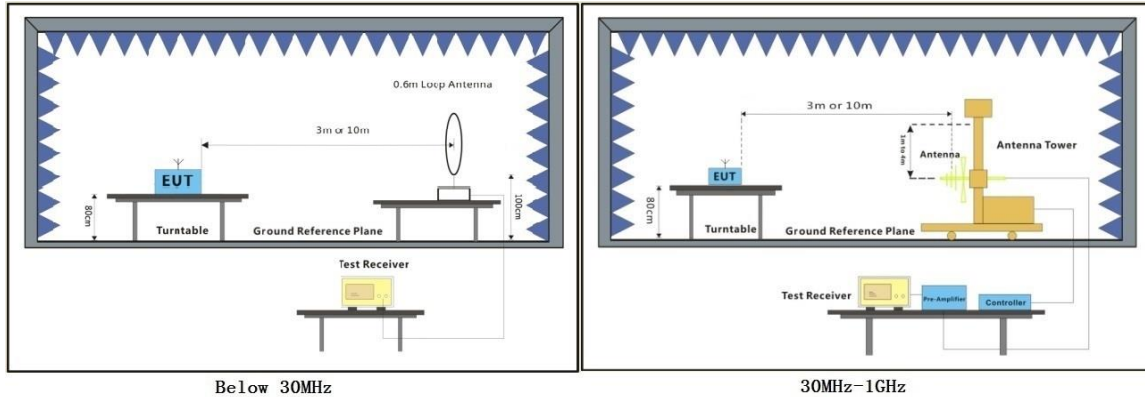
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7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

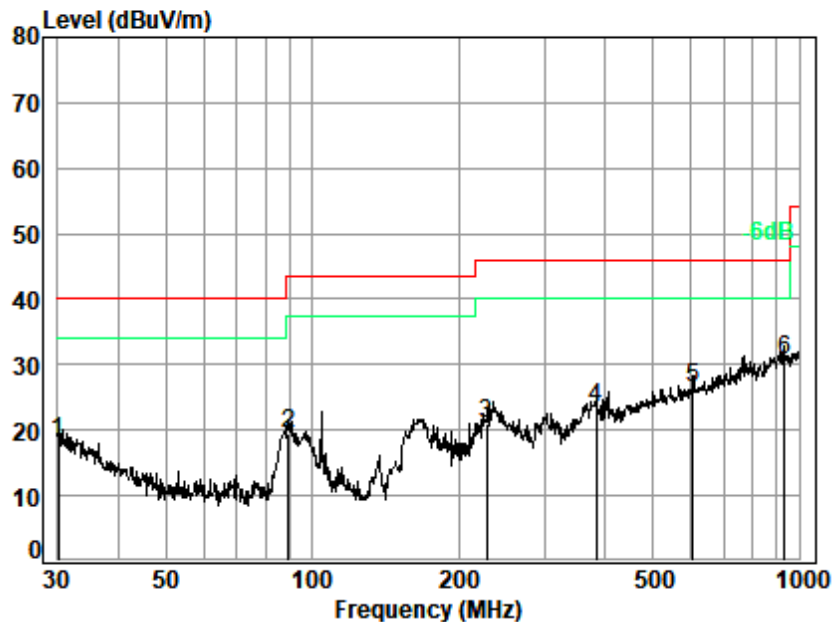
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, 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.



Test Mode: 16; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 02701AT
Test Mode: 16

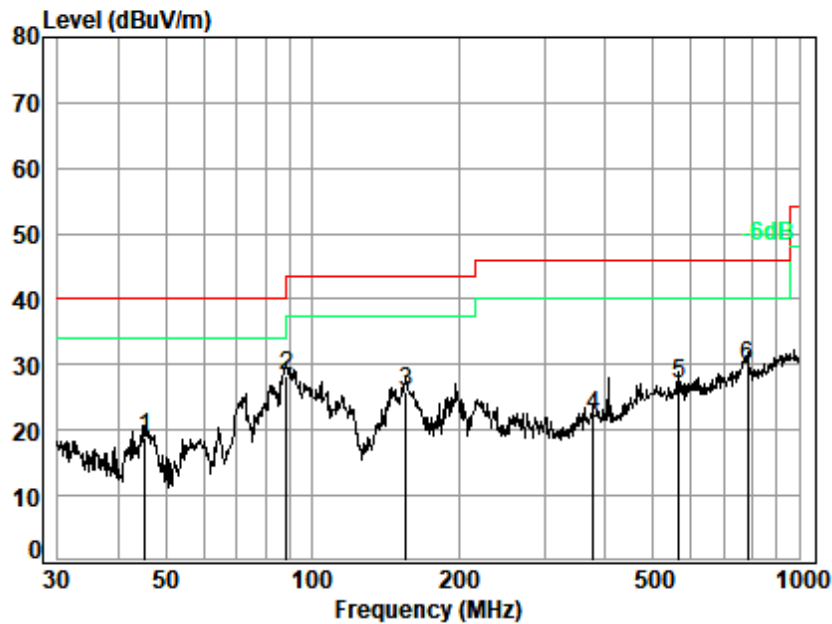
	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.105	21.15	0.67	27.79	24.18	18.21	40.00	-21.79 QP
2	89.276	11.65	1.16	27.62	34.27	19.46	43.50	-24.04 QP
3	228.490	16.23	1.90	27.05	30.04	21.12	46.00	-24.88 QP
4	383.932	20.90	2.53	27.09	27.04	23.38	46.00	-22.62 QP
5	605.659	24.52	3.26	27.96	26.59	26.41	46.00	-19.59 QP
6 q	932.272	28.16	4.21	26.53	25.02	30.86	46.00	-15.14 QP



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Test Mode: 16; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 02701AT
Test Mode: 16

		Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	45.375	14.12	0.83	27.75	31.59	18.79	40.00	-21.21	QP
2 q	88.342	11.52	1.15	27.62	43.22	28.27	43.50	-15.23	QP
3	155.910	13.58	1.57	27.36	38.10	25.89	43.50	-17.61	QP
4	377.259	20.80	2.50	27.06	25.82	22.06	46.00	-23.94	QP
5	566.622	23.50	3.14	27.83	28.15	26.96	46.00	-19.04	QP
6	782.345	27.08	3.81	27.52	26.55	29.92	46.00	-16.08	QP



7.5 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10-2020 Section 6.6

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.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C

Humidity: 53.5 % RH

Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	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



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		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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Final test	16	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Pre-scan	17	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Final test	18	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	19	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.
Final test	20	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz/160MHz). Only the data of worst case is recorded in the report.



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Pre-scan	21	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Final test	22	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(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax/be(20MHz/40MHz/80MHz). Only the data of worst case is recorded in the report.
Pre-scan	23	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Final test	24	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	25	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Final test	26	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Final test	28	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case



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		is recorded in the report.
Final test	30	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(20MHz/40MHz/80MHz/160MHz/320MHz). Only the data of worst case is recorded in the report.

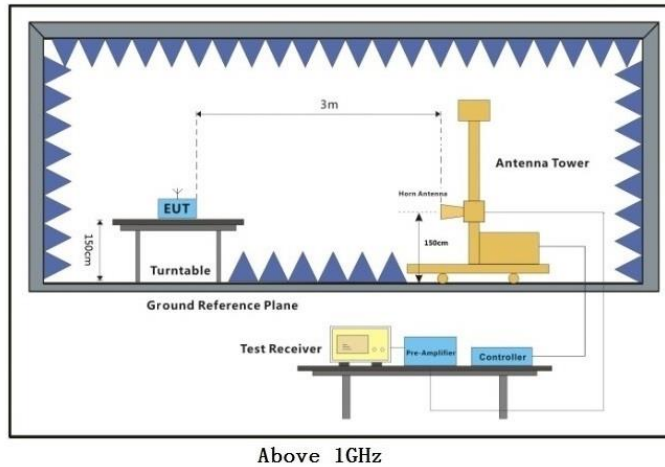


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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

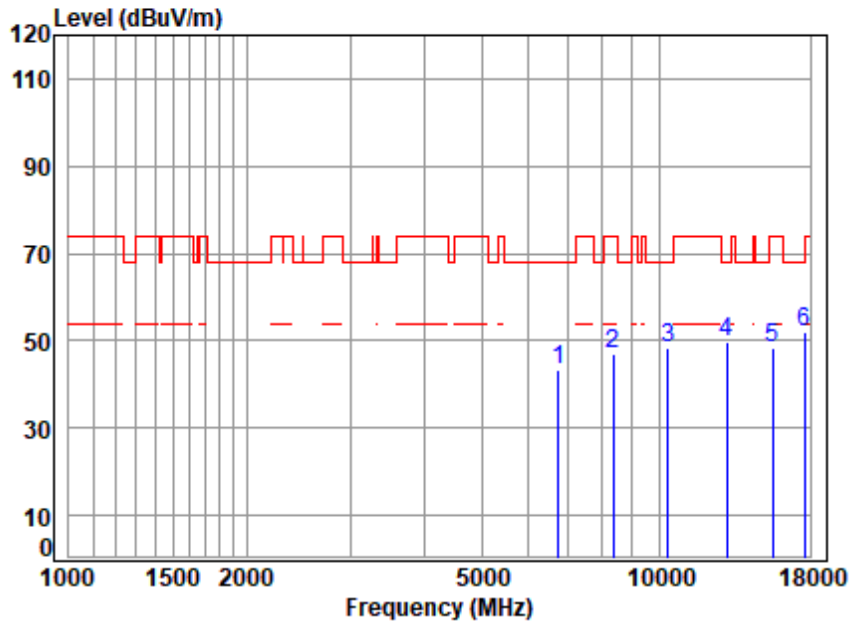
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- 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.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 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.
- 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.
- 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.
- 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.
- 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.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $\leq 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

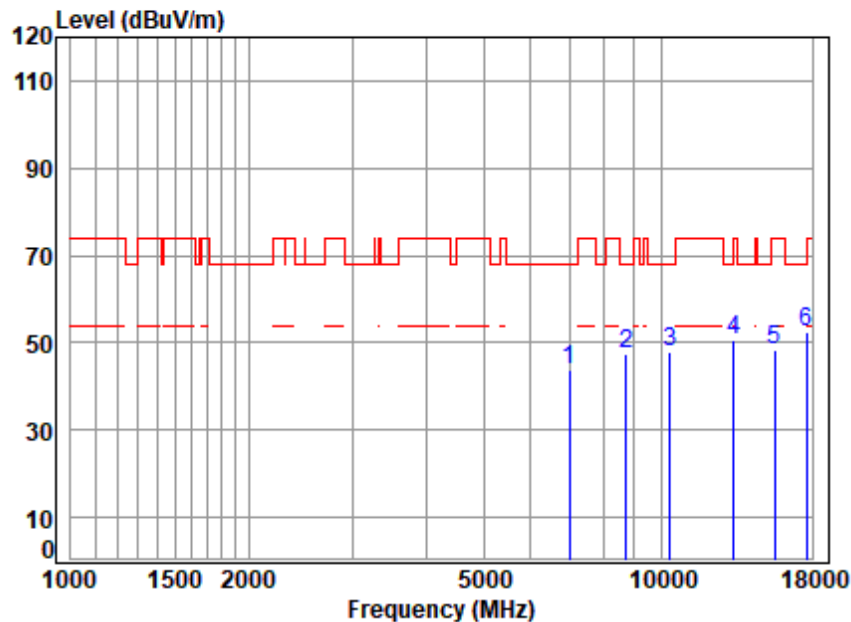
Mode : 5180 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6737.207	11.40	35.62	56.75	53.29	43.56	68.20 -24.64 Peak
2	8368.069	11.67	38.66	55.57	52.33	47.09	74.00 -26.91 Peak
3	10360.000	13.60	39.00	53.88	49.64	48.36	68.20 -19.84 peak
4	13022.130	15.82	40.30	54.50	48.28	49.90	68.20 -18.30 Peak
5	15540.000	17.00	38.56	54.14	46.79	48.21	74.00 -25.79 peak
6	pp17588.560	19.64	40.37	54.42	46.63	52.22	68.20 -15.98 Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

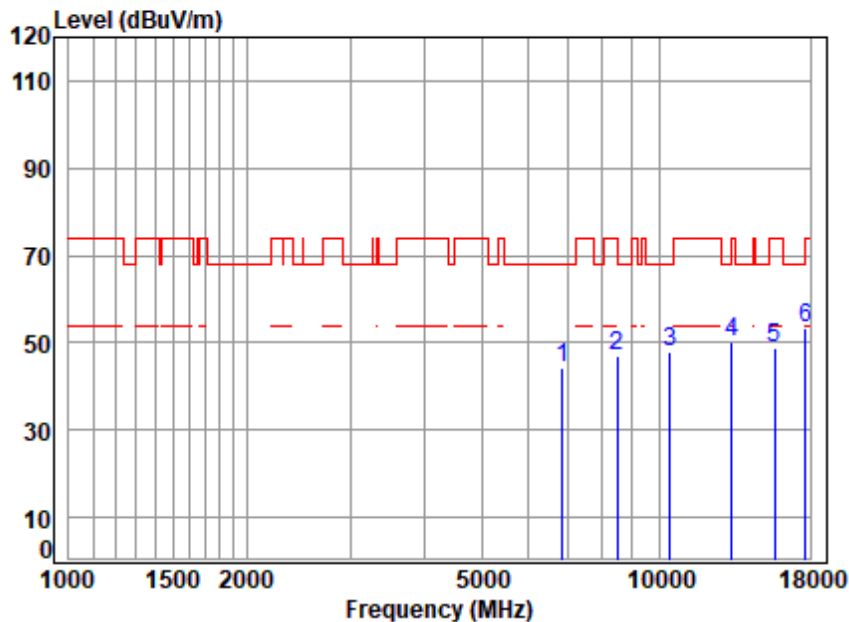
Mode : 5180 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	52.88	43.69	68.20	-24.51 Peak
2	8713.630	12.11	38.57	55.26	51.95	47.37	68.20	-20.83 Peak
3	10360.000	13.60	39.00	53.88	49.16	47.88	68.20	-20.32 peak
4	13288.280	16.44	40.29	54.47	48.40	50.66	74.00	-23.34 Peak
5	15540.000	17.00	38.56	54.14	47.00	48.42	74.00	-25.58 peak
6	pp17639.470	19.52	40.89	54.43	46.66	52.64	68.20	-15.56 Peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

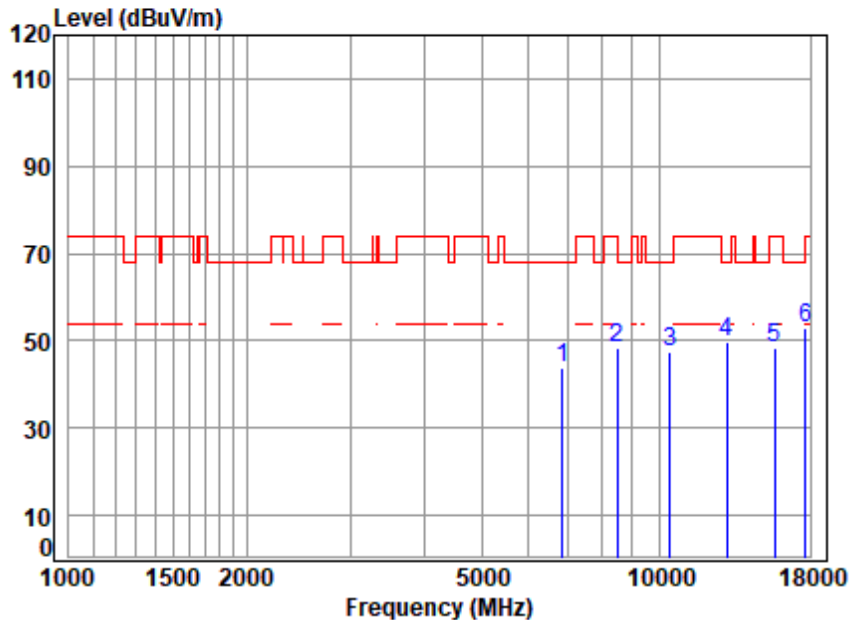
Mode : 5220 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6855.063	11.37	36.02	56.73	53.63	44.29	68.20	-23.91 peak
2	8489.882	12.24	38.32	55.46	52.09	47.19	74.00	-26.81 Peak
3	10440.000	13.63	39.04	53.84	49.21	48.04	68.20	-20.16 peak
4	13288.280	16.44	40.29	54.47	48.07	50.33	74.00	-23.67 Peak
5	15660.000	17.23	38.56	54.10	46.95	48.64	74.00	-25.36 peak
6	pp17690.530	19.16	41.66	54.44	47.01	53.39	68.20	-14.81 peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

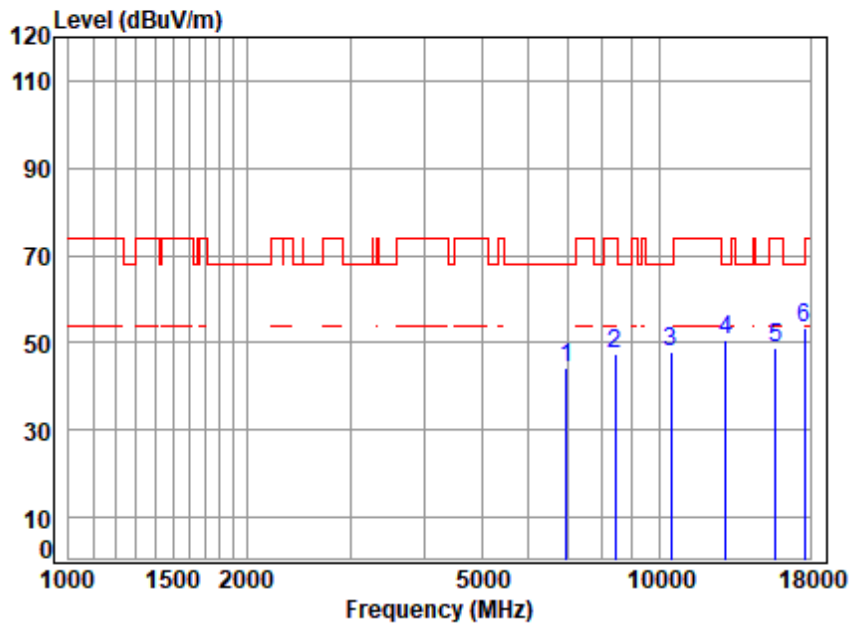
Mode : 5220 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6855.063	11.37	36.02	56.73	53.27	43.93	68.20 -24.27 peak
2	8489.882	12.24	38.32	55.46	53.18	48.28	74.00 -25.72 Peak
3	10440.000	13.63	39.04	53.84	48.76	47.59	68.20 -20.61 peak
4	12984.540	15.88	40.32	54.49	48.13	49.84	68.20 -18.36 peak
5	15660.000	17.23	38.56	54.10	46.88	48.57	74.00 -25.43 peak
6	pp17690.530	19.16	41.66	54.44	46.74	53.12	68.20 -15.08 peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11a

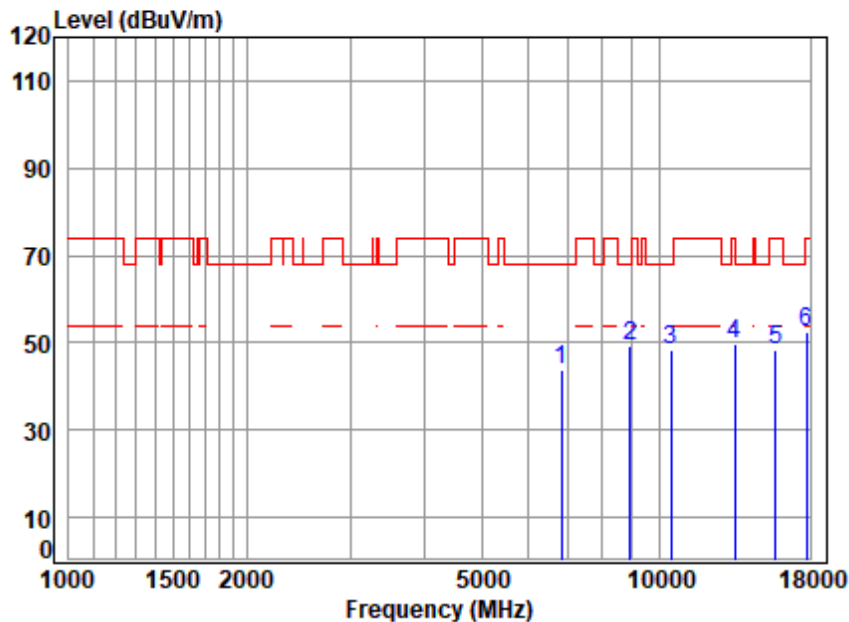
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6954.852	11.37	36.11	56.71	53.49	44.26	68.20	-23.94 peak
2	8416.584	11.74	38.53	55.53	52.70	47.44	74.00	-26.56 Peak
3	10480.000	13.64	39.08	53.81	49.17	48.08	68.20	-20.12 peak
4	12947.070	15.84	40.35	54.46	49.02	50.75	68.20	-17.45 peak
5	15720.000	17.22	38.58	54.08	46.90	48.62	74.00	-25.38 peak
6	pp17639.470	19.52	40.89	54.43	47.32	53.30	68.20	-14.90 peak



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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

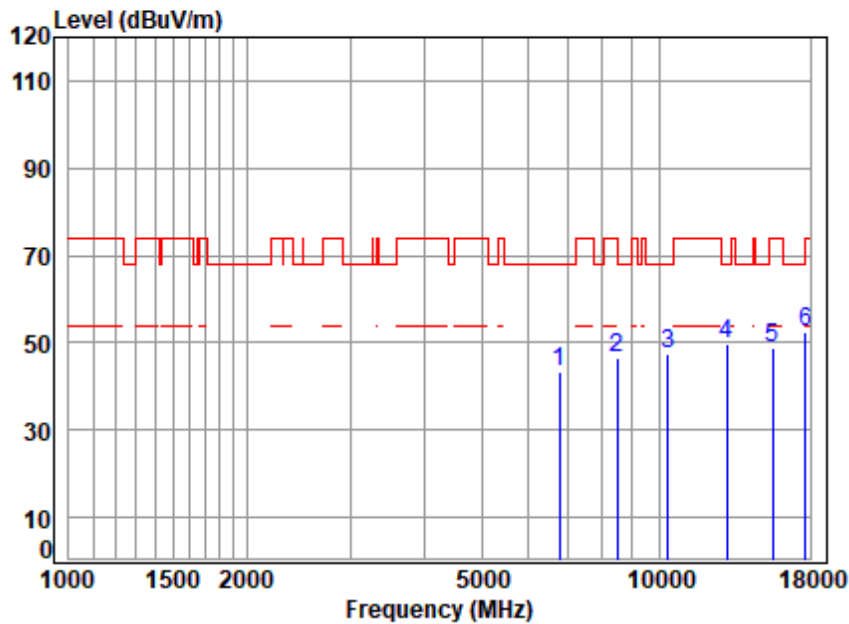
Mode : 5240 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6835.278	11.37	35.97	56.73	53.41	44.02	68.20	-24.18 peak
2	8917.462	12.21	38.57	55.07	53.48	49.19	68.20	-19.01 Peak
3	10480.000	13.64	39.08	53.81	49.40	48.31	68.20	-19.89 peak
4	pp13442.810	15.87	40.21	54.46	48.21	49.83	68.20	-18.37 peak
5	15720.000	17.22	38.58	54.08	46.53	48.25	74.00	-25.75 peak
6	17741.740	18.87	42.09	54.45	46.00	52.51	74.00	-21.49 peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

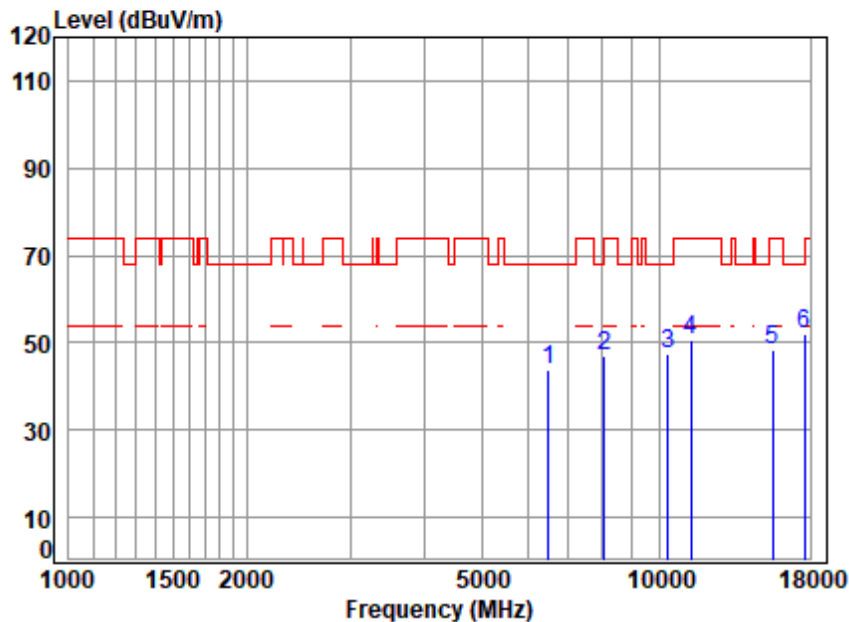
Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6776.265	11.38	35.81	56.74	52.93	43.38	68.20	-24.82 Peak
2	8489.882	12.24	38.32	55.46	51.43	46.53	74.00	-27.47 Peak
3	10360.000	13.60	39.00	53.88	48.53	47.25	68.20	-20.95 peak
4	12984.540	15.88	40.32	54.49	48.24	49.95	68.20	-18.25 Peak
5	15540.000	17.00	38.56	54.14	47.48	48.90	74.00	-25.10 peak
6	pp17690.530	19.16	41.66	54.44	46.03	52.41	68.20	-15.79 Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

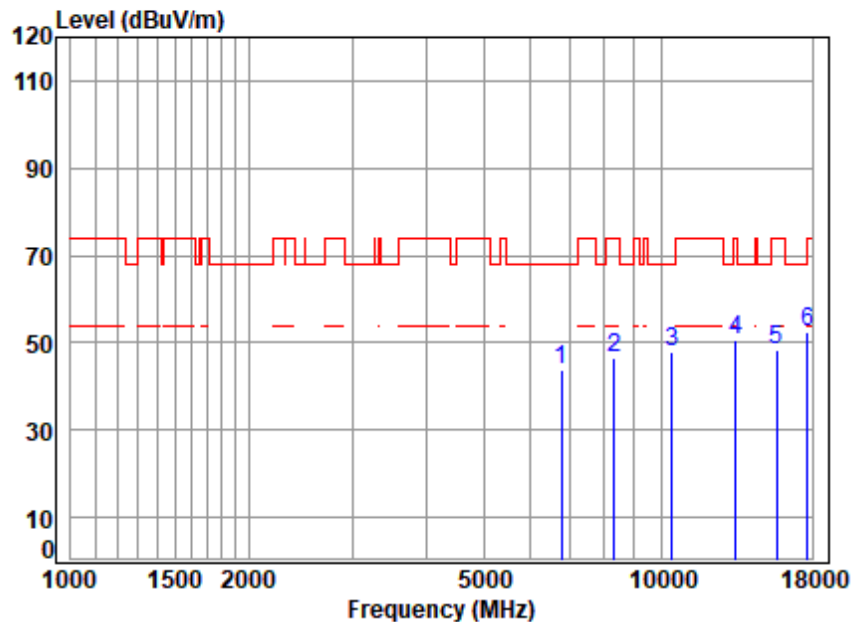
Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6488.754	11.86	34.88	56.80	53.64	43.58	68.20	-24.62 Peak
2	8082.804	11.47	37.80	55.83	53.56	47.00	74.00	-27.00 Peak
3	10360.000	13.60	39.00	53.88	48.91	47.63	68.20	-20.57 peak
4	11302.480	14.63	39.70	53.59	49.88	50.62	74.00	-23.38 Peak
5	15540.000	17.00	38.56	54.14	47.05	48.47	74.00	-25.53 peak
6	pp17639.470	19.52	40.89	54.43	46.10	52.08	68.20	-16.12 Peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

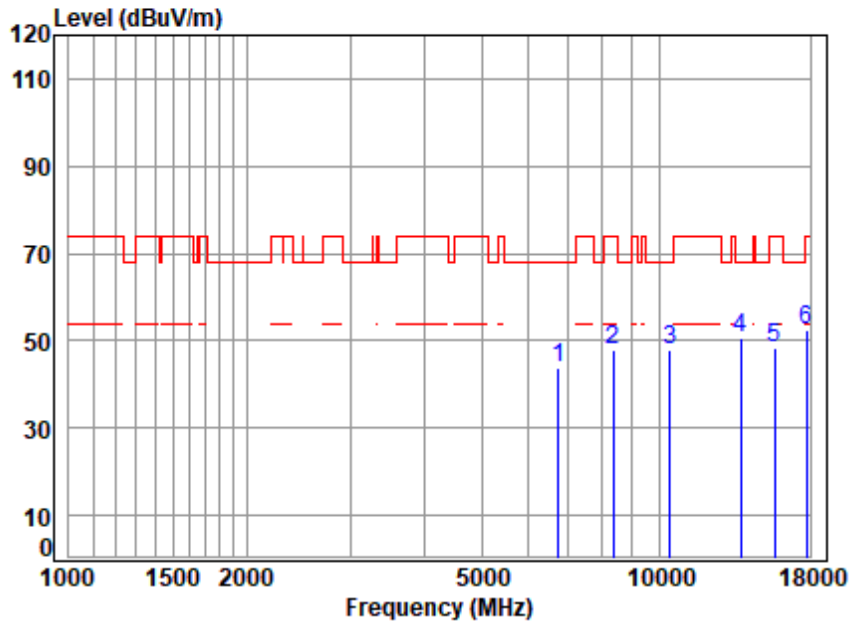
Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6776.265	11.38	35.81	56.74	53.39	43.84	68.20	-24.36 peak
2	8319.836	11.73	38.22	55.61	52.22	46.56	74.00	-27.44 Peak
3	10440.000	13.63	39.04	53.84	49.23	48.06	68.20	-20.14 peak
4	13365.320	16.13	40.30	54.46	48.66	50.63	74.00	-23.37 peak
5	15660.000	17.23	38.56	54.10	46.70	48.39	74.00	-25.61 peak
6	pp17690.530	19.16	41.66	54.44	46.31	52.69	68.20	-15.51 peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

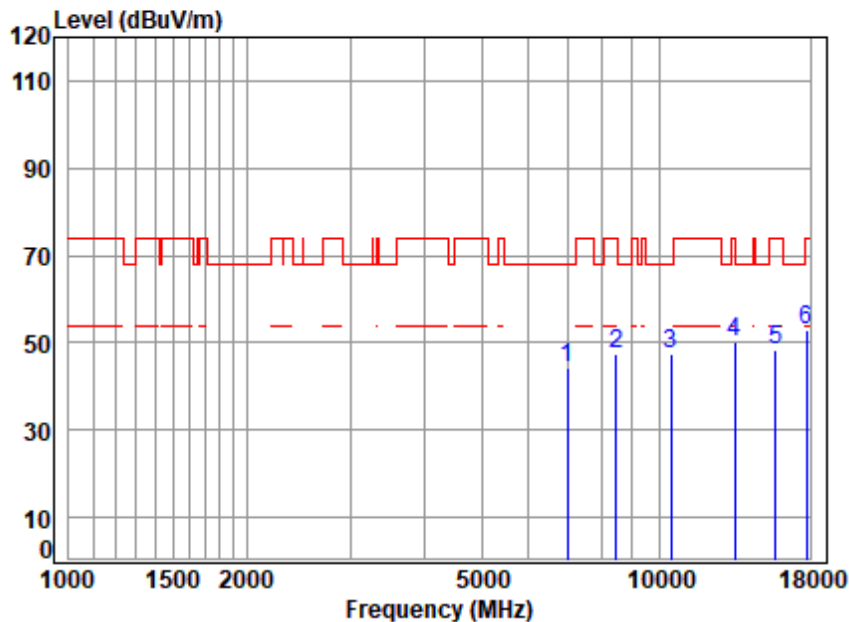
Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6756.708	11.39	35.73	56.75	53.42	43.79	68.20	-24.41 peak
2	8343.918	11.70	38.60	55.59	53.06	47.77	74.00	-26.23 Peak
3	10440.000	13.63	39.04	53.84	49.19	48.02	68.20	-20.18 peak
4	pp13717.560	16.33	39.98	54.43	48.76	50.64	68.20	-17.56 peak
5	15660.000	17.23	38.56	54.10	46.78	48.47	74.00	-25.53 peak
6	17741.740	18.87	42.09	54.45	46.17	52.68	74.00	-21.32 peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

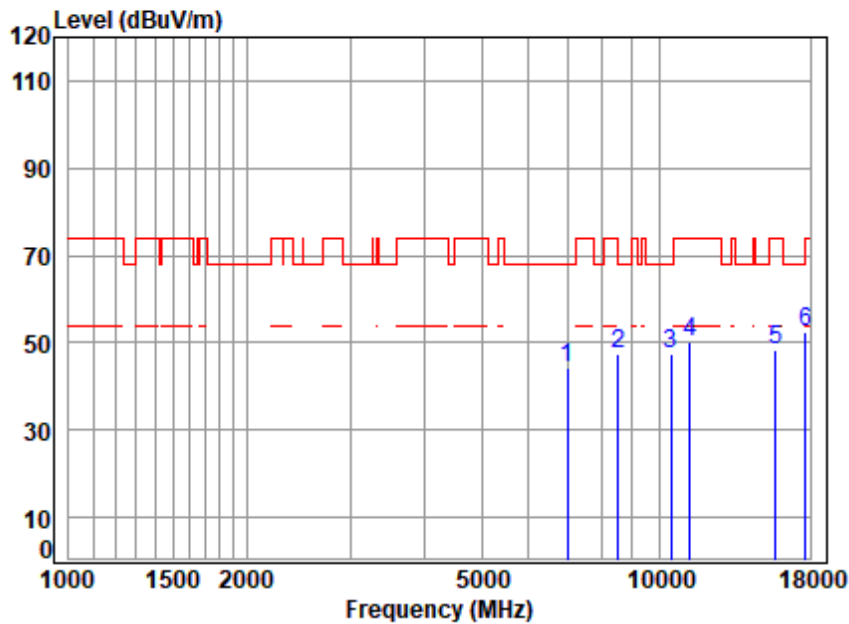
Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	53.46	44.32	68.20	-23.88 peak
2	8440.945	11.91	38.44	55.50	52.67	47.52	74.00	-26.48 Peak
3	10480.000	13.64	39.08	53.81	48.66	47.57	68.20	-20.63 peak
4	pp13404.010	15.91	40.29	54.46	48.63	50.37	68.20	-17.83 peak
5	15720.000	17.22	38.58	54.08	46.77	48.49	74.00	-25.51 peak
6	17741.740	18.87	42.09	54.45	46.41	52.92	74.00	-21.08 peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

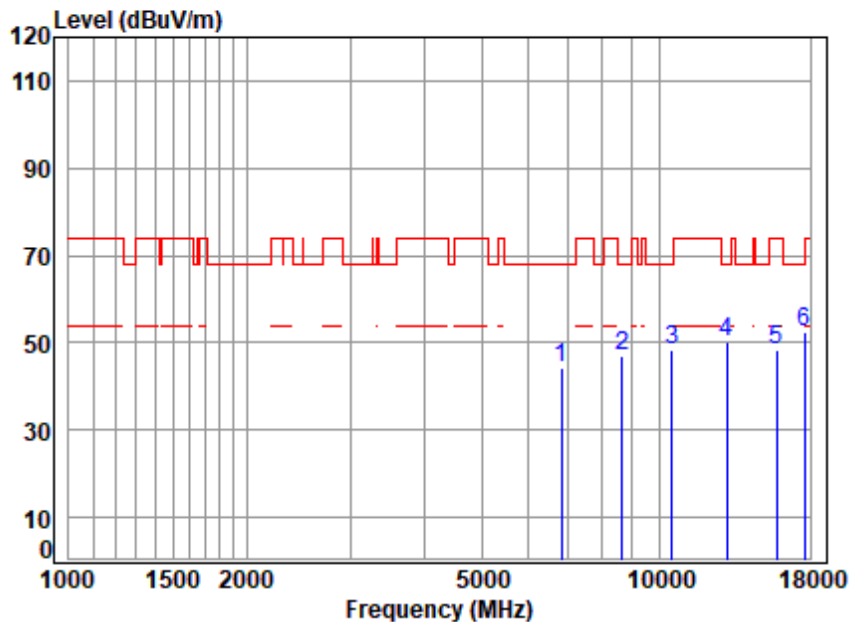
Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	53.31	44.12	68.20	-24.08 peak
2	8514.456	12.26	38.30	55.44	52.21	47.33	68.20	-20.87 Peak
3	10480.000	13.64	39.08	53.81	48.42	47.33	68.20	-20.87 peak
4	11269.860	14.68	39.67	53.58	49.30	50.07	74.00	-23.93 peak
5	15720.000	17.22	38.58	54.08	46.69	48.41	74.00	-25.59 peak
6	pp17690.530	19.16	41.66	54.44	45.91	52.29	68.20	-15.91 peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

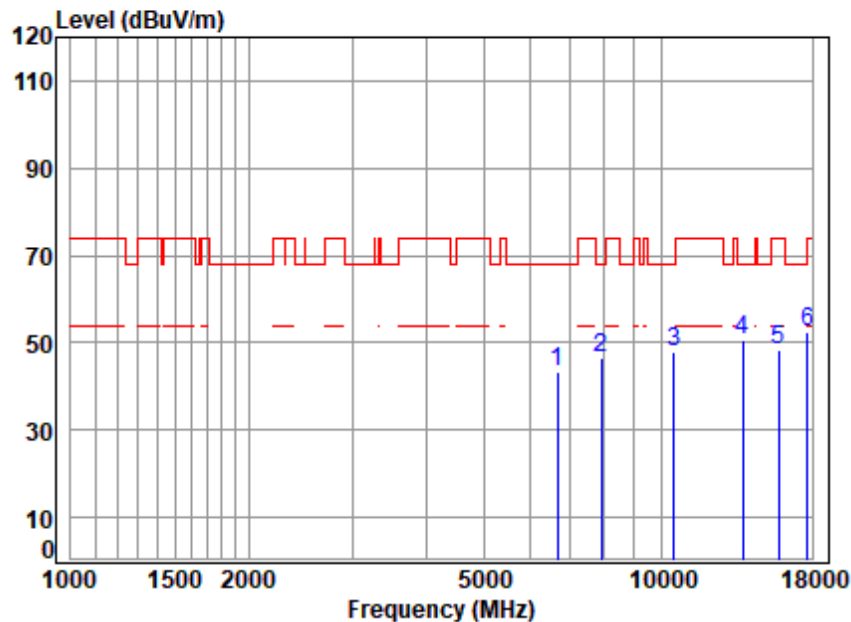
Mode : 5260 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6835.278	11.37	35.97	56.73	53.48	44.09	68.20	-24.11 peak
2	8663.404	12.04	38.45	55.30	51.98	47.17	68.20	-21.03 Peak
3	10520.000	13.63	39.14	53.79	49.50	48.48	68.20	-19.72 peak
4	12984.540	15.88	40.32	54.49	48.66	50.37	68.20	-17.83 peak
5	15780.000	17.08	38.52	54.07	47.03	48.56	74.00	-25.44 peak
6	pp17639.470	19.52	40.89	54.43	46.35	52.33	68.20	-15.87 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

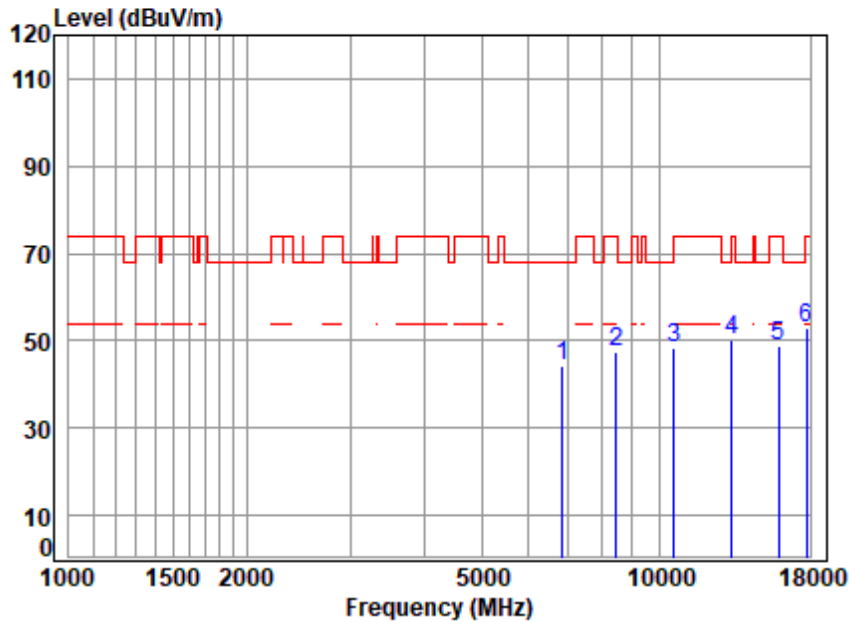
Mode : 5260 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6679.040	11.45	35.44	56.76	53.38	43.51	68.20	-24.69 peak
2	7898.049	11.54	37.59	55.98	53.48	46.63	68.20	-21.57 Peak
3	10520.000	13.63	39.14	53.79	48.76	47.74	68.20	-20.46 peak
4	13717.560	16.33	39.98	54.43	48.62	50.50	68.20	-17.70 peak
5	15780.000	17.08	38.52	54.07	46.80	48.33	74.00	-25.67 peak
6	pp17690.530	19.16	41.66	54.44	46.10	52.48	68.20	-15.72 peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

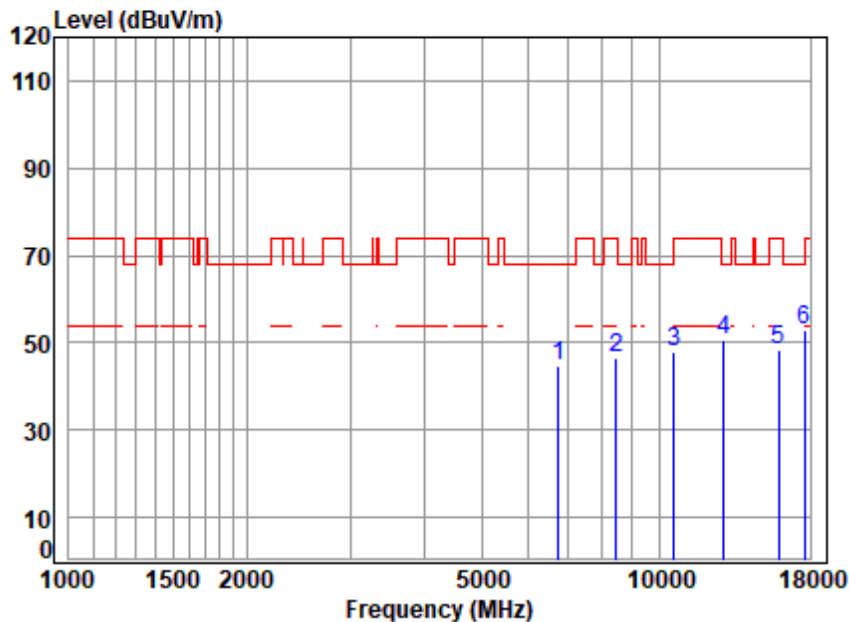
Mode : 5300 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6855.063	11.37	36.02	56.73	53.59	44.25	68.20	-23.95 peak
2	8440.945	11.91	38.44	55.50	52.57	47.42	74.00	-26.58 Peak
3	pp10600.000	13.59	39.30	53.74	49.05	48.20	68.20	-20.00 peak
4	13288.280	16.44	40.29	54.47	47.95	50.21	74.00	-23.79 peak
5	15900.000	17.28	38.70	54.03	46.89	48.84	74.00	-25.16 peak
6	17741.740	18.87	42.09	54.45	46.53	53.04	74.00	-20.96 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

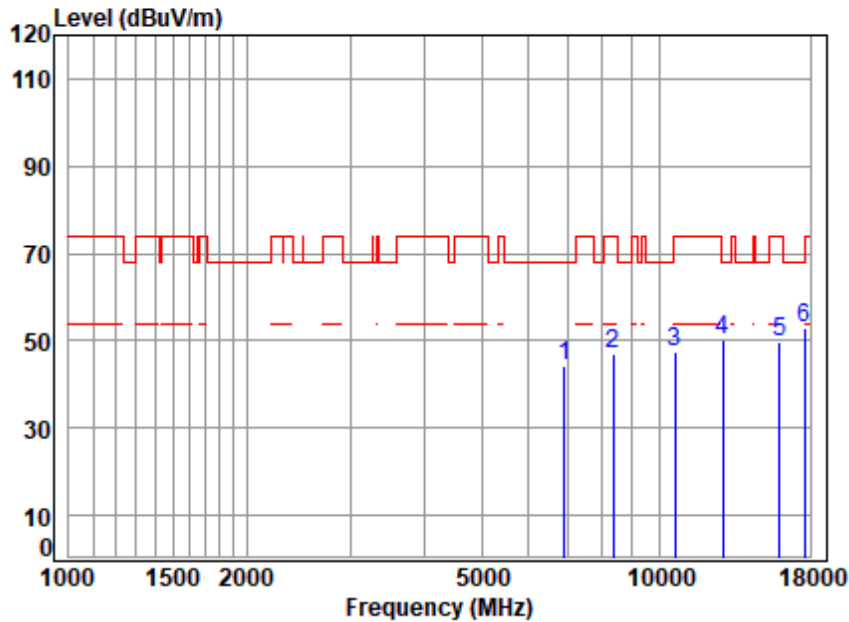
Mode : 5300 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6737.207	11.40	35.62	56.75	54.27	44.54	68.20 -23.66 peak
2	8465.379	12.07	38.37	55.48	51.41	46.37	74.00 -27.63 Peak
3	10600.000	13.59	39.30	53.74	48.92	48.07	68.20 -20.13 peak
4	12872.440	15.70	40.37	54.41	48.77	50.43	68.20 -17.77 peak
5	15900.000	17.28	38.70	54.03	46.25	48.20	74.00 -25.80 peak
6	pp17639.470	19.52	40.89	54.43	46.74	52.72	68.20 -15.48 peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

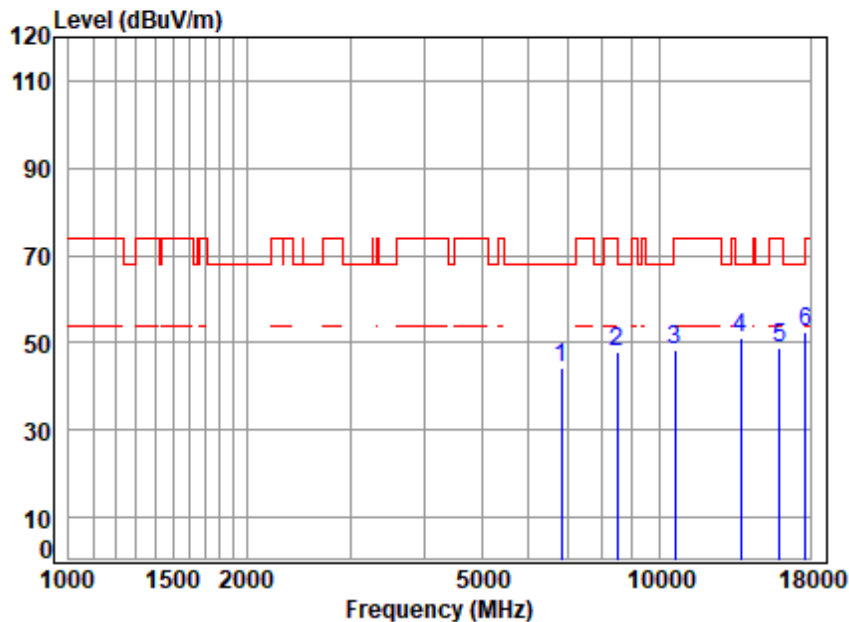
Mode : 5320 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6894.806	11.37	36.18	56.72	53.34	44.17	68.20 -24.03 peak
2	8368.069	11.67	38.66	55.57	52.37	47.13	74.00 -26.87 Peak
3	10640.000	13.77	39.34	53.72	48.26	47.65	74.00 -26.35 peak
4	12798.240	15.42	40.30	54.36	48.94	50.30	68.20 -17.90 peak
5	15960.000	17.20	38.64	54.01	47.83	49.66	74.00 -24.34 peak
6	pp17639.470	19.52	40.89	54.43	47.02	53.00	68.20 -15.20 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

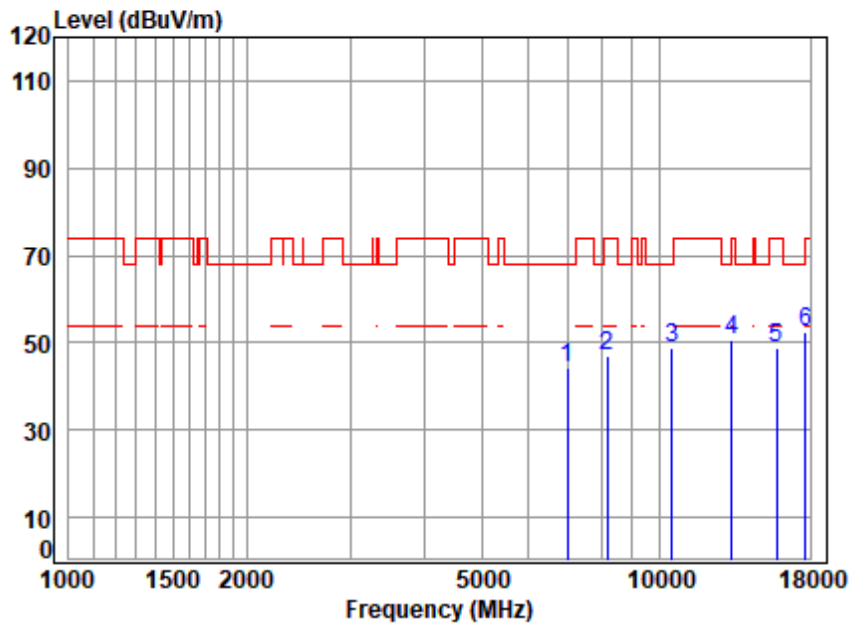
Mode : 5320 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6815.551	11.37	35.93	56.74	53.50	44.06	68.20	-24.14 peak
2	8489.882	12.24	38.32	55.46	52.85	47.95	74.00	-26.05 Peak
3	10640.000	13.77	39.34	53.72	48.91	48.30	74.00	-25.70 peak
4	13757.270	16.15	39.94	54.42	49.27	50.94	68.20	-17.26 peak
5	15960.000	17.20	38.64	54.01	46.79	48.62	74.00	-25.38 peak
6	pp17690.530	19.16	41.66	54.44	46.26	52.64	68.20	-15.56 peak



Test Mode: 18; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02150AT

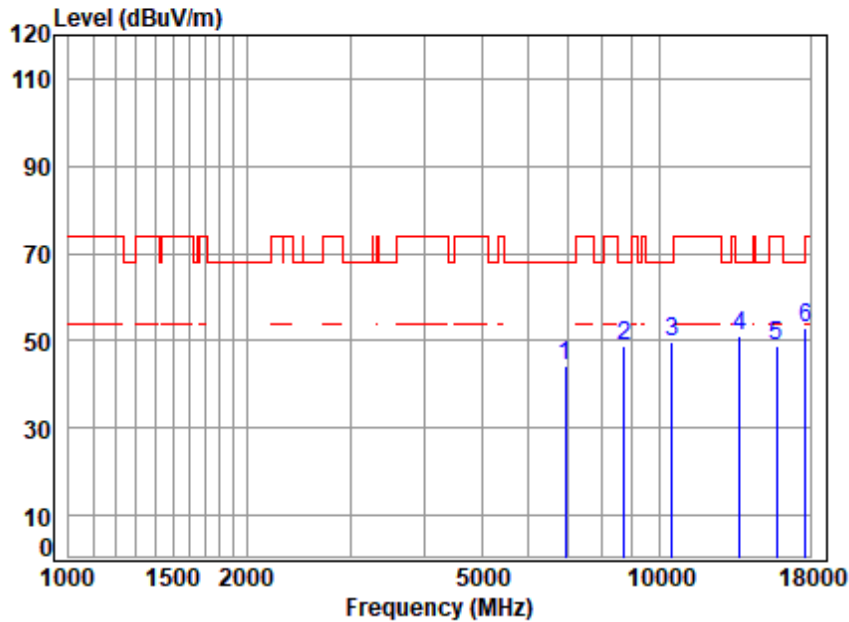
Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	53.18	44.04	68.20	-24.16 peak
2	8153.195	11.51	37.91	55.76	53.45	47.11	74.00	-26.89 Peak
3	10520.000	13.63	39.14	53.79	49.76	48.74	68.20	-19.46 peak
4	13288.280	16.44	40.29	54.47	48.23	50.49	74.00	-23.51 peak
5	15780.000	17.08	38.52	54.07	47.22	48.75	74.00	-25.25 peak
6	pp17690.530	19.16	41.66	54.44	46.14	52.52	68.20	-15.68 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

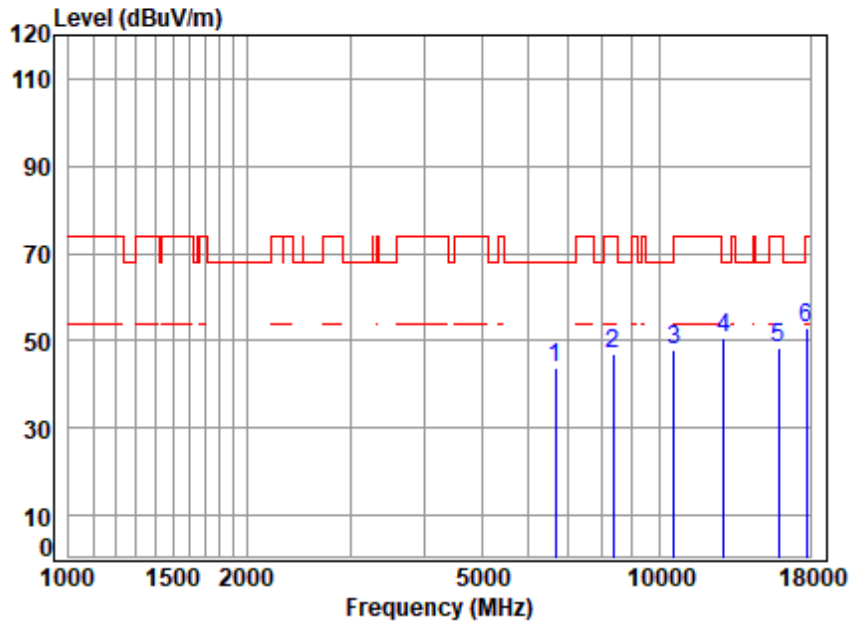
Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6934.778	11.37	36.13	56.71	53.54	44.33	68.20	-23.87 peak
2	8713.630	12.11	38.57	55.26	53.45	48.87	68.20	-19.33 Peak
3	10520.000	13.63	39.14	53.79	50.95	49.93	68.20	-18.27 peak
4	13677.970	16.27	40.00	54.43	49.06	50.90	68.20	-17.30 peak
5	15780.000	17.08	38.52	54.07	47.21	48.74	74.00	-25.26 peak
6	pp17690.530	19.16	41.66	54.44	46.55	52.93	68.20	-15.27 peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

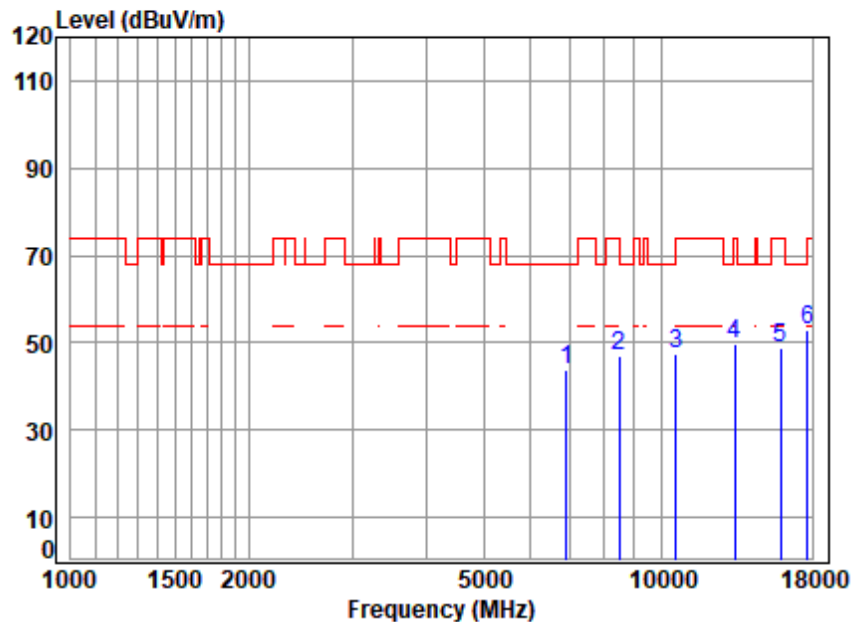
Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6679.040	11.45	35.44	56.76	53.78	43.91	68.20 -24.29 peak
2	8343.918	11.70	38.60	55.59	52.39	47.10	74.00 -26.90 Peak
3	10600.000	13.59	39.30	53.74	48.80	47.95	68.20 -20.25 peak
4	pp12872.440	15.70	40.37	54.41	49.08	50.74	68.20 -17.46 peak
5	15900.000	17.28	38.70	54.03	46.37	48.32	74.00 -25.68 peak
6	17741.740	18.87	42.09	54.45	46.41	52.92	74.00 -21.08 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

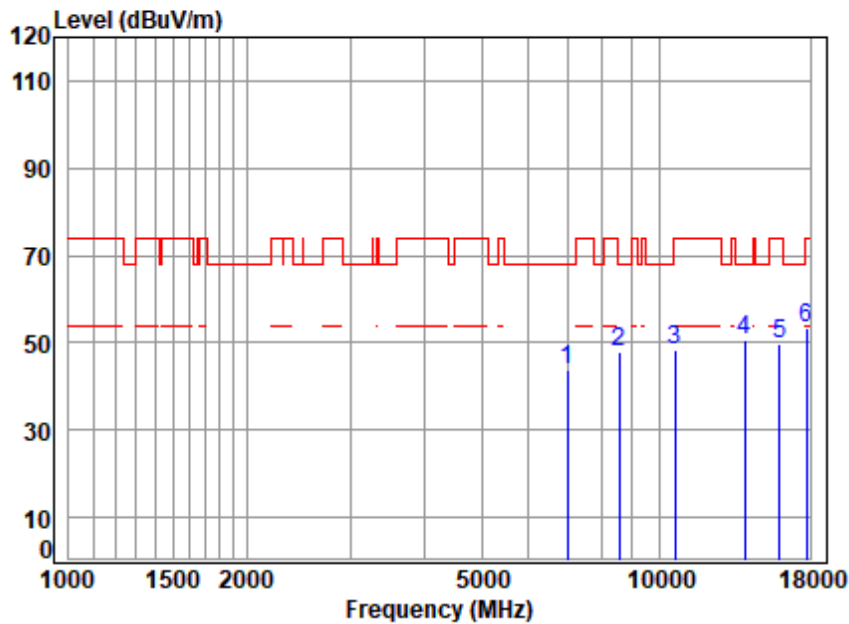
Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6914.763	11.37	36.17	56.72	52.99	43.81	68.20 -24.39 peak
2	8489.882	12.24	38.32	55.46	51.82	46.92	74.00 -27.08 Peak
3	10600.000	13.59	39.30	53.74	48.25	47.40	68.20 -20.80 peak
4	13326.750	16.37	40.30	54.47	47.70	49.90	74.00 -24.10 Peak
5	15900.000	17.28	38.70	54.03	47.09	49.04	74.00 -24.96 peak
6	pp17690.530	19.16	41.66	54.44	46.74	53.12	68.20 -15.08 peak



Test Mode: 18; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

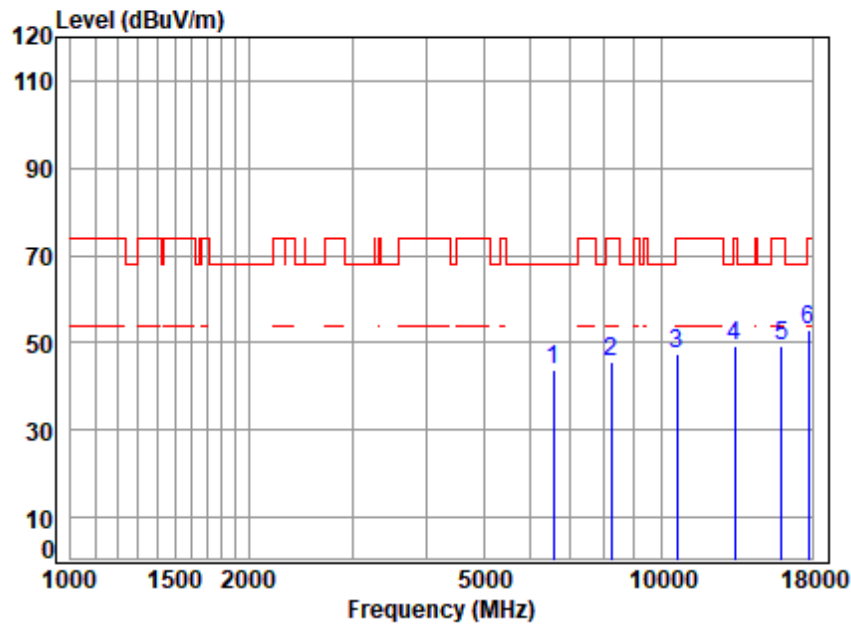
Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	53.16	43.97	68.20	-24.23 peak
2	8539.102	12.17	38.30	55.41	52.97	48.03	68.20	-20.17 Peak
3	10640.000	13.77	39.34	53.72	49.04	48.43	74.00	-25.57 peak
4	pp13957.530	16.24	39.90	54.40	48.84	50.58	68.20	-17.62 peak
5	15960.000	17.20	38.64	54.01	47.75	49.58	74.00	-24.42 peak
6	17741.740	18.87	42.09	54.45	46.66	53.17	74.00	-20.83 peak



Test Mode: 18; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

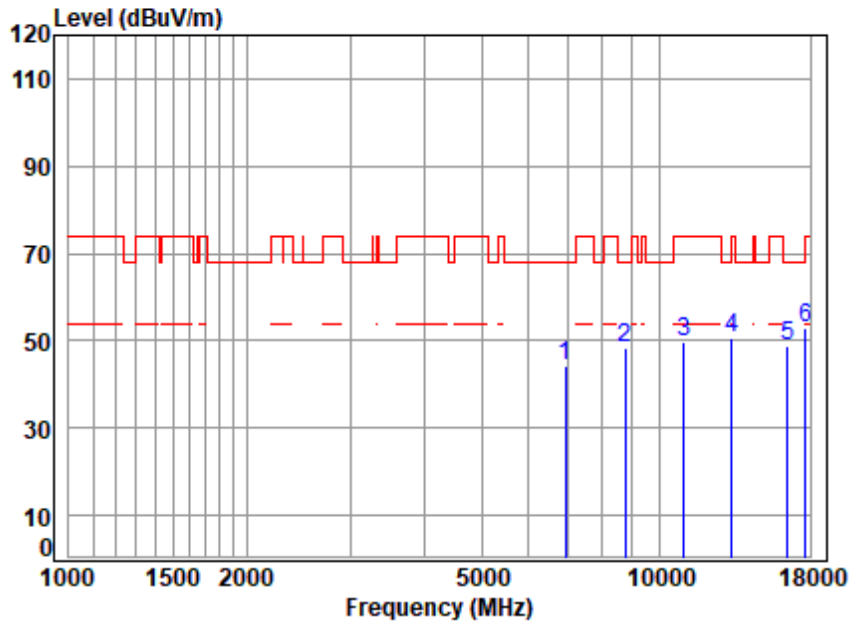
Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6564.209	11.63	35.06	56.79	54.00	43.90	68.20	-24.30 peak
2	8224.200	11.62	37.90	55.70	51.87	45.69	74.00	-28.31 Peak
3	10640.000	13.77	39.34	53.72	48.12	47.51	74.00	-26.49 peak
4	13326.750	16.37	40.30	54.47	46.86	49.06	74.00	-24.94 Peak
5	15960.000	17.20	38.64	54.01	47.28	49.11	74.00	-24.89 peak
6	pp17741.740	18.87	42.09	54.45	46.30	52.81	74.00	-21.19 peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

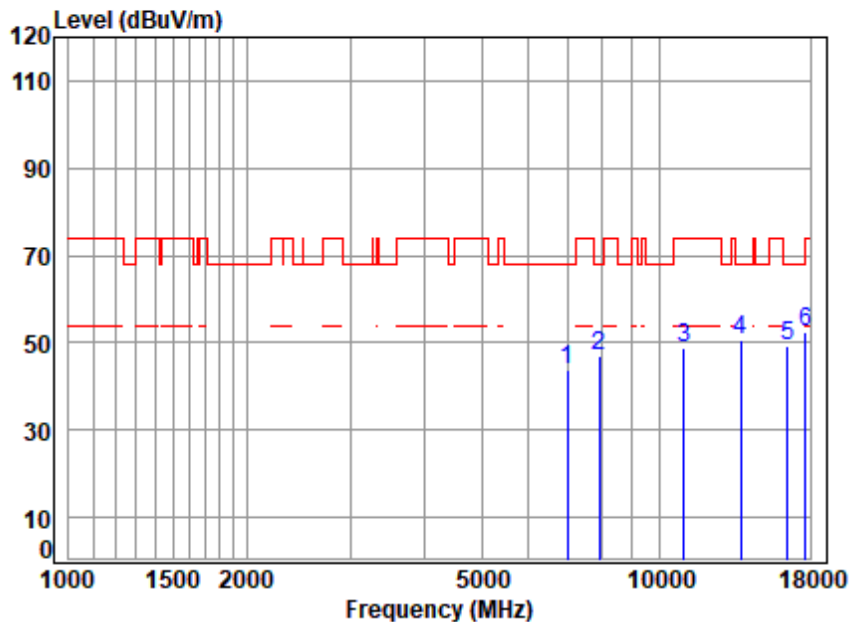
Mode : 5500 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6934.778	11.37	36.13	56.71	53.43	44.22	68.20	-23.98 peak
2	8764.146	12.19	38.50	55.21	52.89	48.37	68.20	-19.83 Peak
3	11000.000	14.17	39.40	53.50	49.45	49.52	74.00	-24.48 peak
4	13288.280	16.44	40.29	54.47	48.32	50.58	74.00	-23.42 peak
5	16500.000	17.74	38.90	54.15	46.36	48.85	68.20	-19.35 peak
6	pp17690.530	19.16	41.66	54.44	46.36	52.74	68.20	-15.46 peak



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



Condition: 3m VERTICAL

Job No : 02150AT

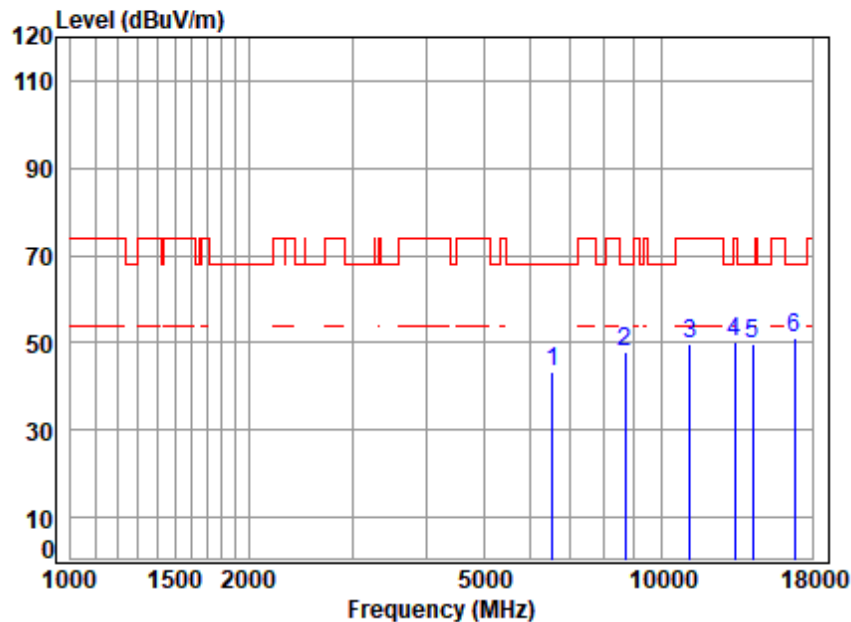
Mode : 5500 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	53.06	43.92	68.20	-24.28 peak
2	7920.911	11.54	37.64	55.96	53.76	46.98	68.20	-21.22 Peak
3	11000.000	14.17	39.40	53.50	48.74	48.81	74.00	-25.19 peak
4	13717.560	16.33	39.98	54.43	48.61	50.49	68.20	-17.71 peak
5	16500.000	17.74	38.90	54.15	46.59	49.08	68.20	-19.12 peak
6	pp17690.530	19.16	41.66	54.44	46.28	52.66	68.20	-15.54 peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

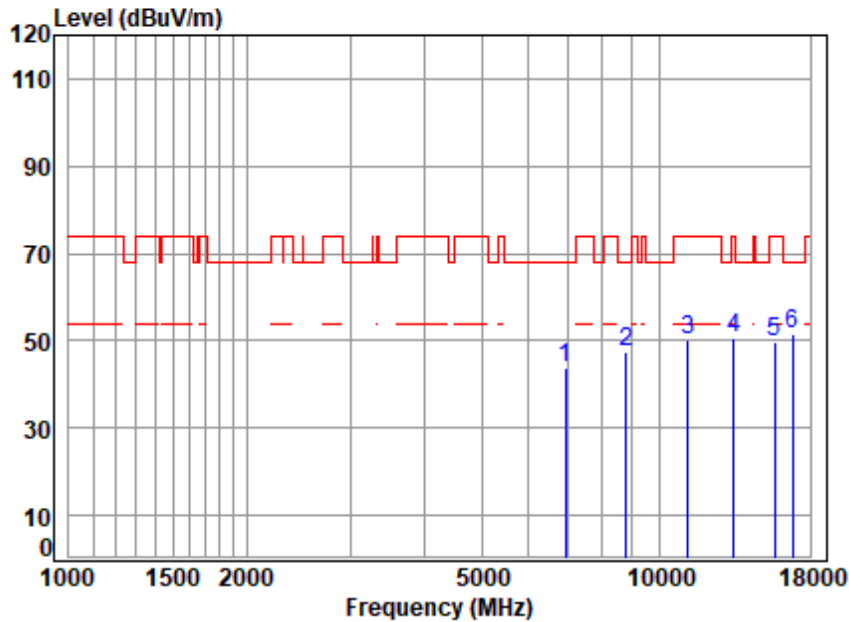
Mode : 5600 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6545.263	11.64	34.99	56.79	53.72	43.56	68.20 -24.64 Peak
2	8688.480	12.08	38.55	55.28	52.49	47.84	68.20 -20.36 peak
3	11200.000	14.76	39.60	53.56	48.78	49.58	74.00 -24.42 peak
4	13326.750	16.37	40.30	54.47	48.18	50.38	74.00 -23.62 Peak
5	14284.030	16.31	39.80	54.37	47.97	49.71	68.20 -18.49 Peak
6	pp16800.000	17.46	39.60	54.24	48.14	50.96	68.20 -17.24 peak



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



Condition: 3m VERTICAL

Job No : 02150AT

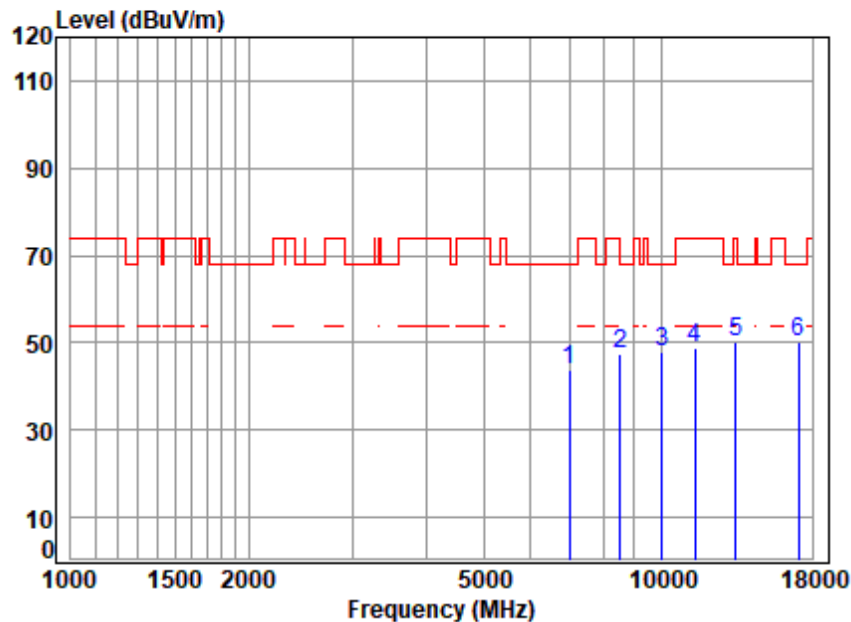
Mode : 5600 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6934.778	11.37	36.13	56.71	53.04	43.83	68.20 -24.37 Peak
2	8789.516	12.23	38.50	55.19	51.86	47.40	68.20 -20.80 peak
3	11200.000	14.76	39.60	53.56	49.31	50.11	74.00 -23.89 peak
4	13365.320	16.13	40.30	54.46	48.57	50.54	74.00 -23.46 Peak
5	15668.210	17.24	38.57	54.10	48.00	49.71	74.00 -24.29 Peak
6	pp16800.000	17.46	39.60	54.24	48.60	51.42	68.20 -16.78 peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

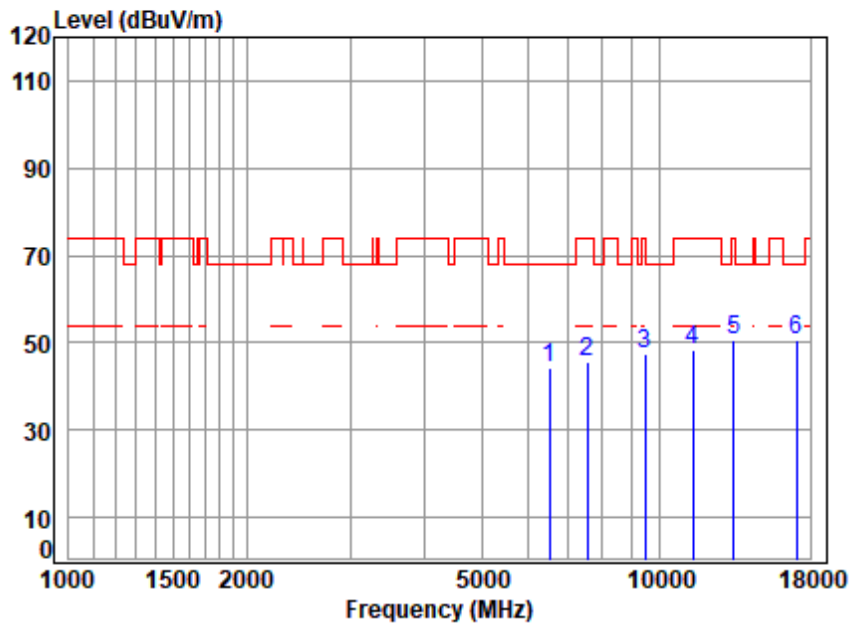
Mode : 5700 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	52.99	43.85	68.20	-24.35 peak
2	8514.456	12.26	38.30	55.44	52.28	47.40	68.20	-20.80 Peak
3	10039.390	13.11	38.98	54.08	49.99	48.00	68.20	-20.20 Peak
4	11400.000	14.21	39.70	53.62	48.48	48.77	74.00	-25.23 peak
5	13365.320	16.13	40.30	54.46	48.24	50.21	74.00	-23.79 peak
6	pp17100.000	18.47	39.80	54.32	46.02	49.97	68.20	-18.23 peak



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



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6507.536	11.66	34.92	56.80	54.64	44.42	68.20 -23.78 peak
2	7541.114	11.17	36.80	56.27	53.72	45.42	74.00 -28.58 Peak
3	9448.149	12.43	38.80	54.60	50.77	47.40	74.00 -26.60 Peak
4	11400.000	14.21	39.70	53.62	47.91	48.20	74.00 -25.80 peak
5	13365.320	16.13	40.30	54.46	48.51	50.48	74.00 -23.52 peak
6	pp17100.000	18.47	39.80	54.32	46.54	50.49	68.20 -17.71 peak



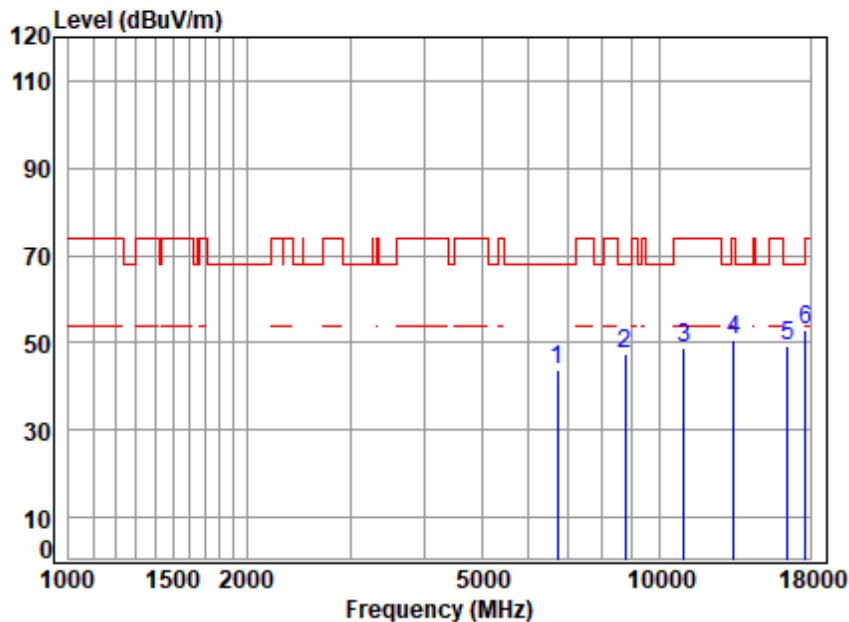
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

Page: 267 of 354

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



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6717.762	11.40	35.51	56.76	53.75	43.90	68.20	-24.30 peak
2	8764.146	12.19	38.50	55.21	52.00	47.48	68.20	-20.72 Peak
3	11000.000	14.17	39.40	53.50	48.75	48.82	74.00	-25.18 peak
4	13365.320	16.13	40.30	54.46	48.74	50.71	74.00	-23.29 peak
5	16500.000	17.74	38.90	54.15	46.96	49.45	68.20	-18.75 peak
6	pp17690.530	19.16	41.66	54.44	46.73	53.11	68.20	-15.09 peak



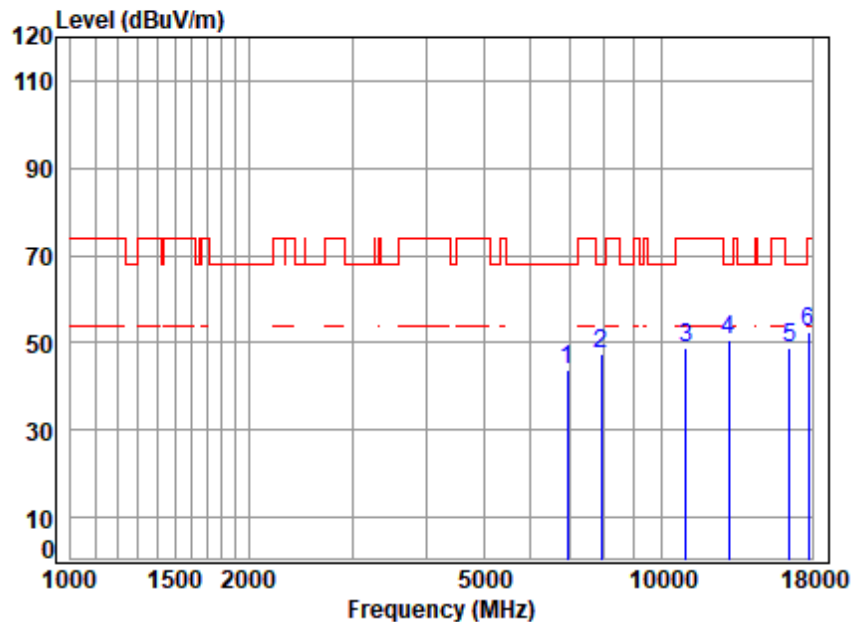
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Shenzhen Branch Inspection & Testing Laboratory

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



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6934.778	11.37	36.13	56.71	52.85	43.64	68.20	-24.56 peak
2	7920.911	11.54	37.64	55.96	54.19	47.41	68.20	-20.79 Peak
3	11000.000	14.17	39.40	53.50	48.73	48.80	74.00	-25.20 peak
4	pp12984.540	15.88	40.32	54.49	48.78	50.49	68.20	-17.71 peak
5	16500.000	17.74	38.90	54.15	46.29	48.78	68.20	-19.42 peak
6	17741.740	18.87	42.09	54.45	46.09	52.60	74.00	-21.40 peak



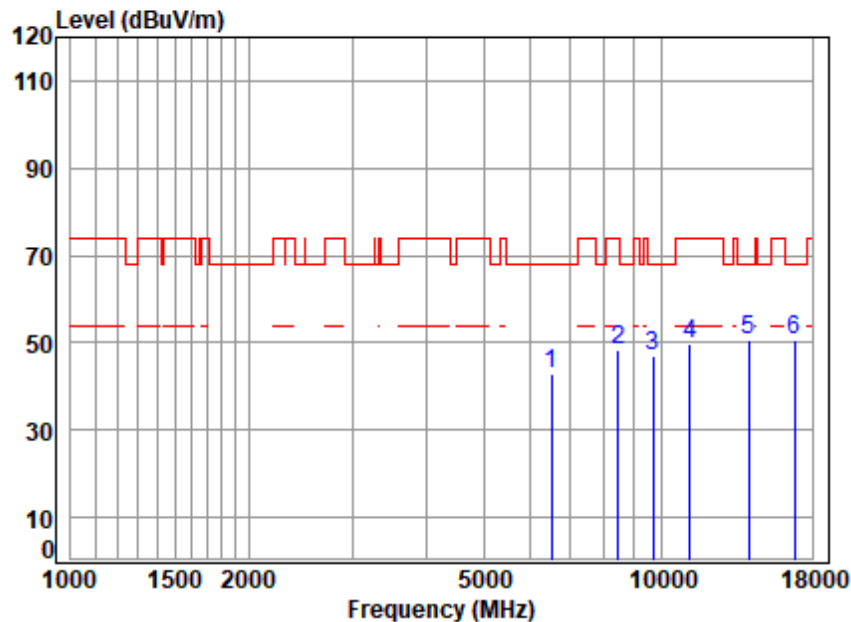
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

Page: 269 of 354

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



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5600 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6526.373	11.65	34.95	56.79	53.10	42.91	68.20 -25.29 Peak
2	8465.379	12.07	38.37	55.48	53.40	48.36	74.00 -25.64 peak
3	9669.164	12.62	38.70	54.40	49.87	46.79	68.20 -21.41 Peak
4	11200.000	14.76	39.60	53.56	48.87	49.67	74.00 -24.33 peak
5	pp14038.450	16.51	39.90	54.40	48.55	50.56	68.20 -17.64 Peak
6	16800.000	17.46	39.60	54.24	47.69	50.51	68.20 -17.69 peak



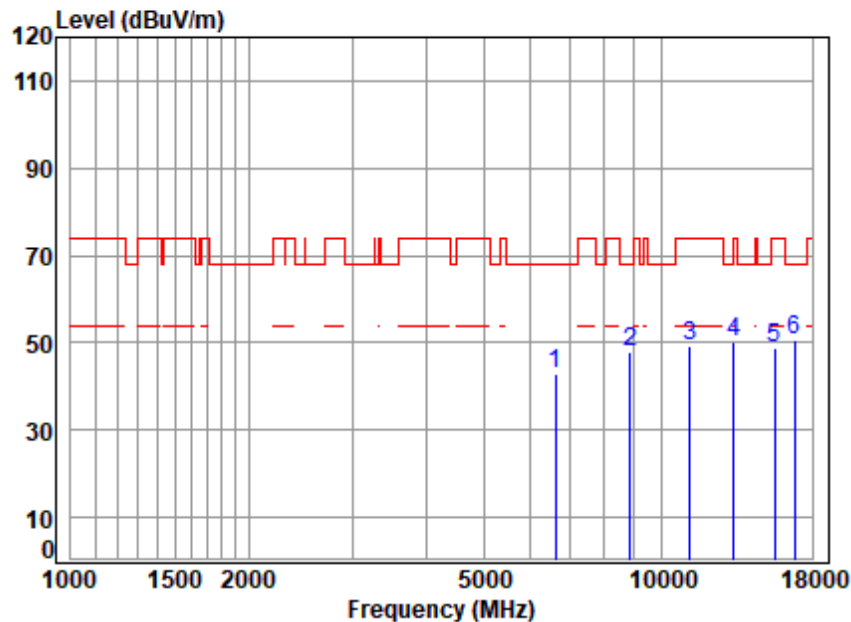
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Test Mode: 20; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

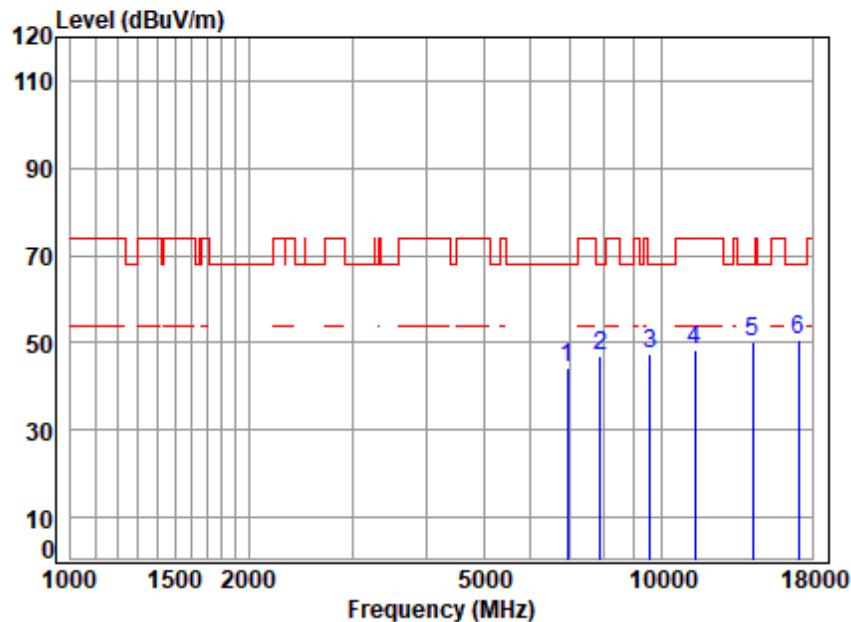
Mode : 5600 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6621.375	11.56	35.33	56.78	52.89	43.00	68.20 -25.20 Peak
2	8866.062	12.23	38.53	55.12	52.07	47.71	68.20 -20.49 peak
3	11200.000	14.76	39.60	53.56	48.63	49.43	74.00 -24.57 peak
4	13288.280	16.44	40.29	54.47	47.97	50.23	74.00 -23.77 Peak
5	15532.940	16.98	38.57	54.14	47.33	48.74	74.00 -25.26 Peak
6	pp16800.000	17.46	39.60	54.24	47.87	50.69	68.20 -17.51 peak



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



Condition: 3m HORIZONTAL

Job No : 02150AT

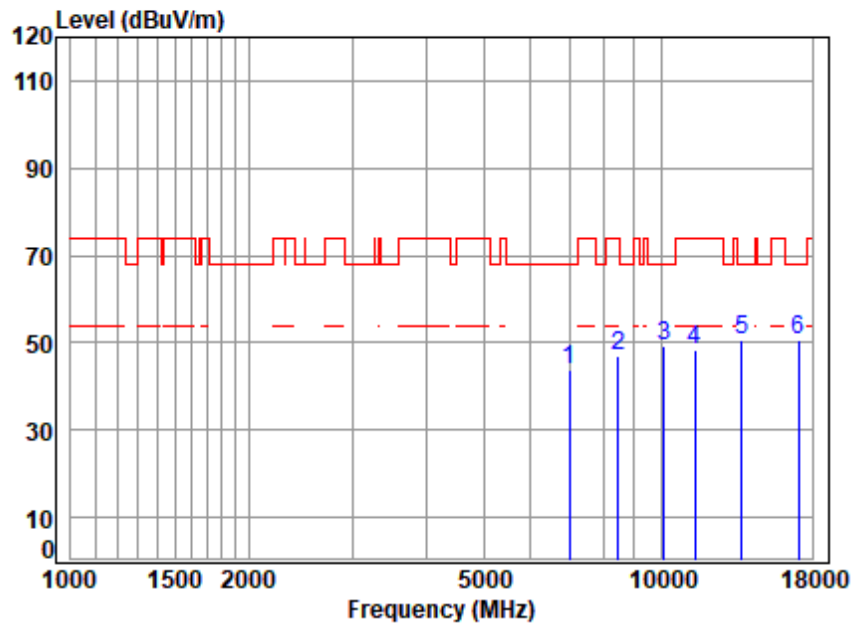
Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6934.778	11.37	36.13	56.71	53.32	44.11	68.20	-24.09 peak
2	7875.254	11.48	37.50	56.00	53.98	46.96	68.20	-21.24 Peak
3	9558.018	12.48	38.80	54.50	50.55	47.33	68.20	-20.87 Peak
4	11400.000	14.21	39.70	53.62	48.21	48.50	74.00	-25.50 peak
5	14284.030	16.31	39.80	54.37	48.62	50.36	68.20	-17.84 Peak
6	pp17100.000	18.47	39.80	54.32	46.58	50.53	68.20	-17.67 peak



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



Condition: 3m VERTICAL

Job No : 02150AT

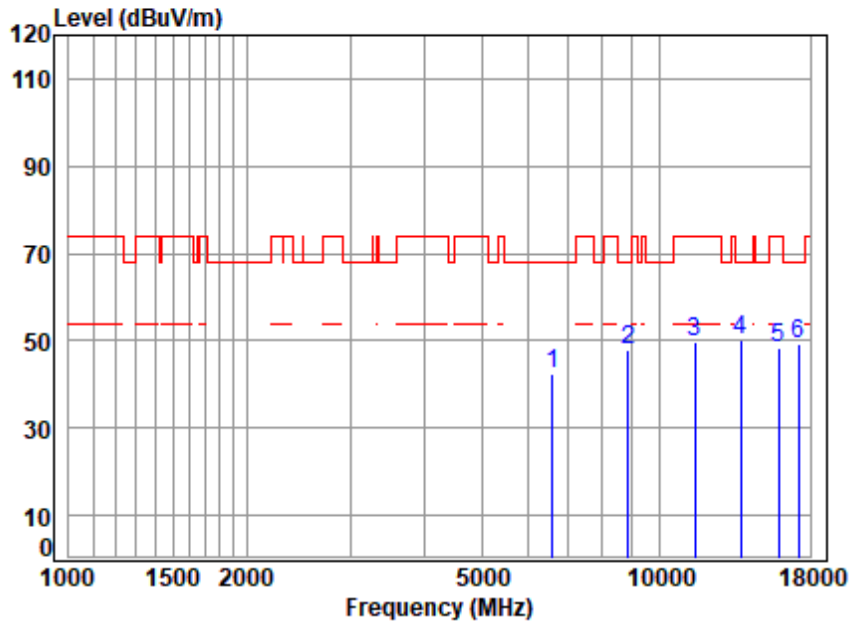
Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	52.89	43.75	68.20	-24.45 peak
2	8440.945	11.91	38.44	55.50	52.03	46.88	74.00	-27.12 Peak
3	10097.600	13.26	39.10	54.04	50.96	49.28	68.20	-18.92 Peak
4	11400.000	14.21	39.70	53.62	47.88	48.17	74.00	-25.83 peak
5	13677.970	16.27	40.00	54.43	48.62	50.46	68.20	-17.74 peak
6	pp17100.000	18.47	39.80	54.32	46.78	50.73	68.20	-17.47 peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

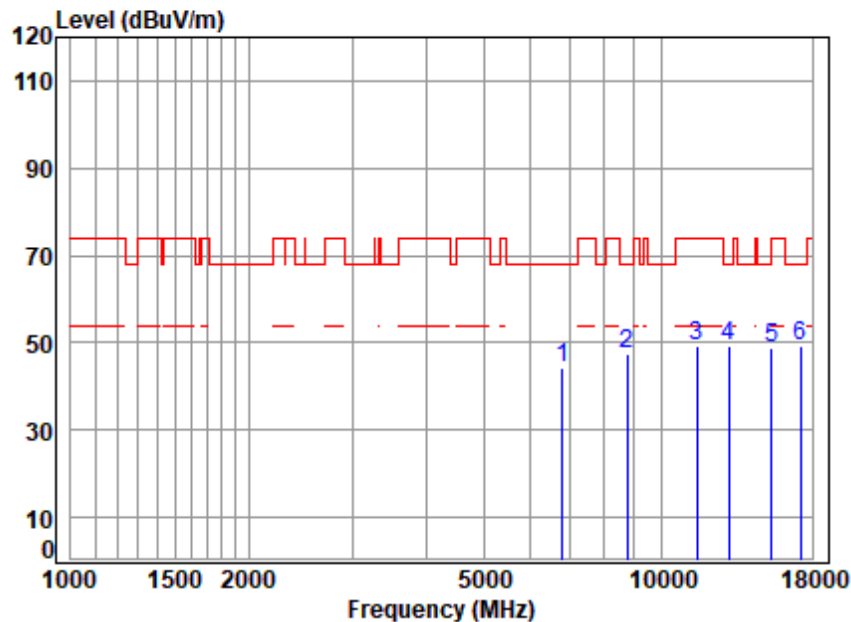
Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6602.265	11.60	35.21	56.78	52.41	42.44	68.20	-25.76 Peak
2	8840.473	12.24	38.50	55.14	52.43	48.03	68.20	-20.17 Peak
3	11490.000	14.97	39.61	53.65	48.93	49.86	74.00	-24.14 peak
4	pp13717.560	16.33	39.98	54.43	48.39	50.27	68.20	-17.93 Peak
5	15896.290	17.27	38.69	54.03	46.65	48.58	74.00	-25.42 Peak
6	17235.000	17.83	40.01	54.35	45.59	49.08	68.20	-19.12 peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

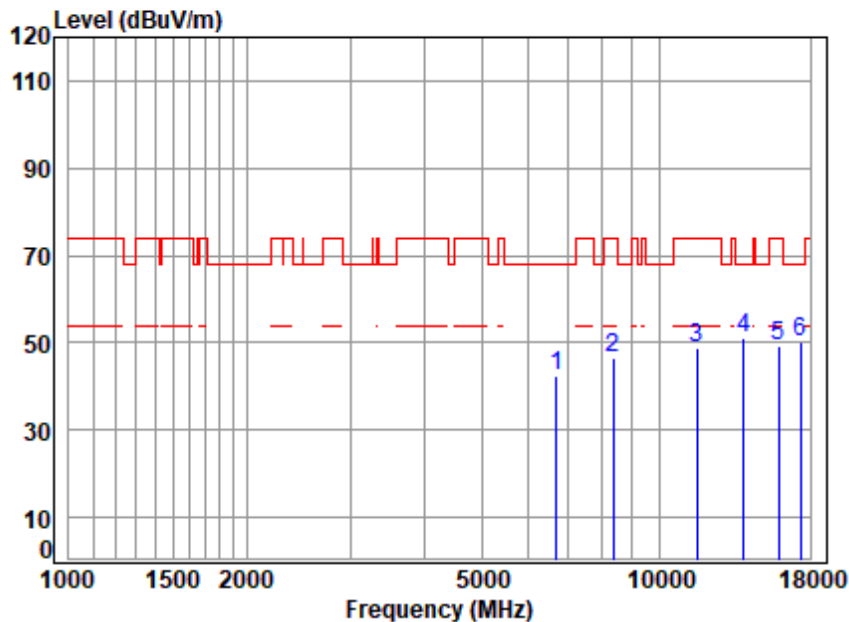
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6795.879	11.37	35.88	56.74	53.63	44.14	68.20 -24.06 Peak
2	8764.146	12.19	38.50	55.21	52.20	47.68	68.20 -20.52 Peak
3	11490.000	14.97	39.61	53.65	48.20	49.13	74.00 -24.87 peak
4	pp12984.540	15.88	40.32	54.49	47.79	49.50	68.20 -18.70 Peak
5	15398.830	16.77	38.60	54.18	47.81	49.00	74.00 -25.00 Peak
6	17235.000	17.83	40.01	54.35	45.87	49.36	68.20 -18.84 peak



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Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

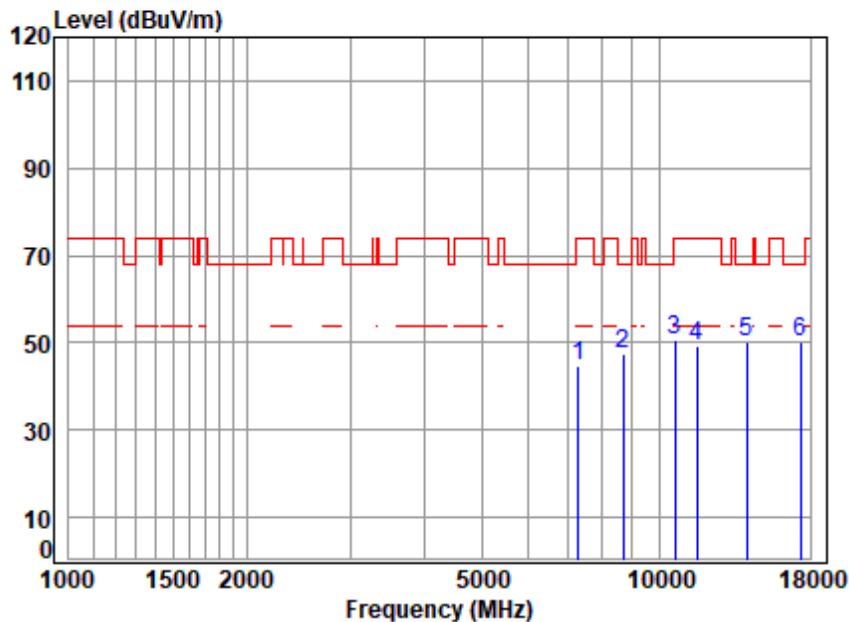
Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6698.373	11.41	35.40	56.76	52.21	42.26	68.20	-25.94 Peak
2	8343.918	11.70	38.60	55.59	51.98	46.69	74.00	-27.31 Peak
3	11570.000	14.78	39.60	53.67	47.91	48.62	74.00	-25.38 peak
4	pp13877.080	15.94	39.90	54.41	49.60	51.03	68.20	-17.17 Peak
5	15896.290	17.27	38.69	54.03	47.25	49.18	74.00	-24.82 Peak
6	17355.000	18.00	40.31	54.37	46.37	50.31	68.20	-17.89 peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

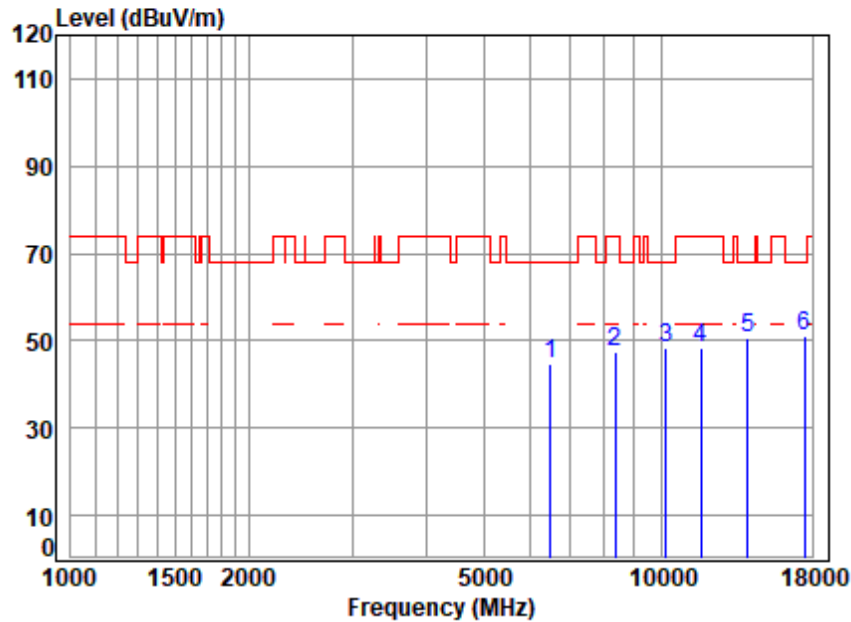
Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7305.122	11.51	36.71	56.46	53.06	44.82	74.00	-29.18 Peak
2	8688.480	12.08	38.55	55.28	52.09	47.44	68.20	-20.76 Peak
3	10636.850	13.76	39.34	53.72	51.27	50.65	74.00	-23.35 Peak
4	11570.000	14.78	39.60	53.67	48.63	49.34	74.00	-24.66 peak
5	pp14038.450	16.51	39.90	54.40	48.24	50.25	68.20	-17.95 Peak
6	17355.000	18.00	40.31	54.37	46.06	50.00	68.20	-18.20 peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

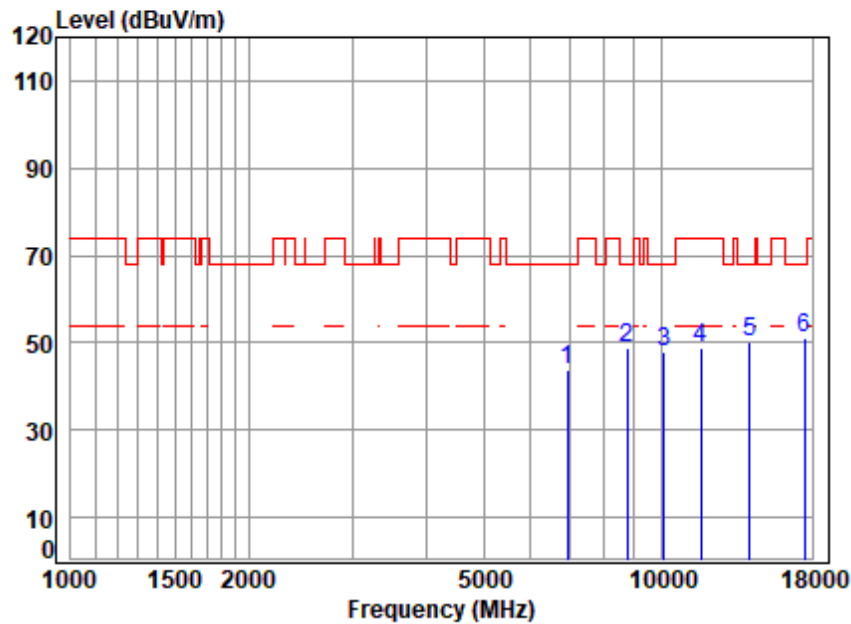
Mode : 5825 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6488.754	11.86	34.88	56.80	54.71	44.65	68.20	-23.55 Peak
2	8368.069	11.67	38.66	55.57	52.92	47.68	74.00	-26.32 Peak
3	10185.530	13.12	39.10	53.99	50.33	48.56	68.20	-19.64 Peak
4	11650.000	14.69	39.55	53.69	47.78	48.33	74.00	-25.67 peak
5	13997.930	16.46	39.90	54.40	48.71	50.67	68.20	-17.53 Peak
6	pp17475.000	18.35	40.78	54.40	46.48	51.21	68.20	-16.99 peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6934.778	11.37	36.13	56.71	53.23	44.02	68.20	-24.18 Peak
2	8764.146	12.19	38.50	55.21	53.14	48.62	68.20	-19.58 Peak
3	10097.600	13.26	39.10	54.04	49.68	48.00	68.20	-20.20 Peak
4	11650.000	14.69	39.55	53.69	48.34	48.89	74.00	-25.11 peak
5	14119.830	16.45	39.88	54.39	48.21	50.15	68.20	-18.05 Peak
6	pp17475.000	18.35	40.78	54.40	46.28	51.01	68.20	-17.19 peak



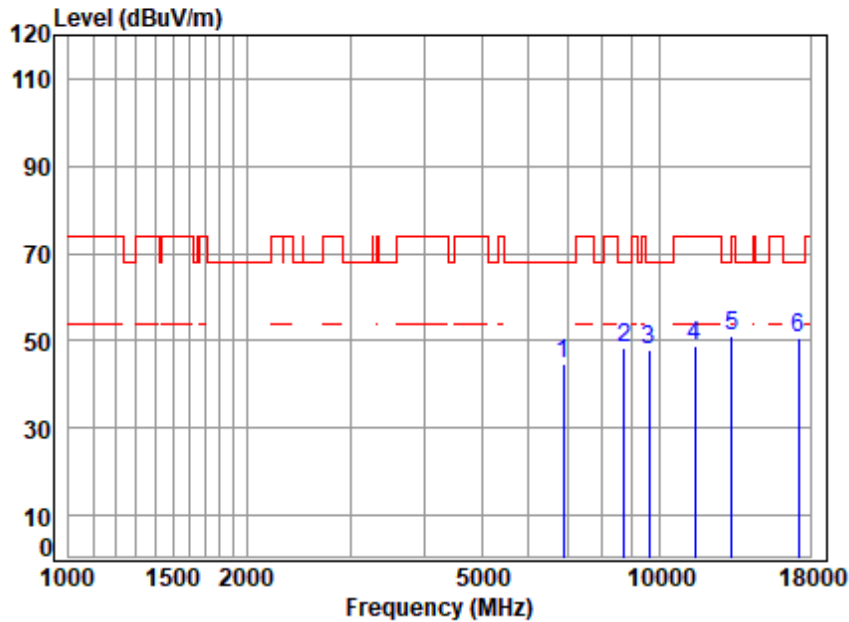
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

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Test Mode: 22; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6874.906	11.37	36.10	56.73	53.86	44.60	68.20	-23.60 Peak
2	8713.630	12.11	38.57	55.26	52.78	48.20	68.20	-20.00 Peak
3	9613.430	12.47	38.77	54.45	51.34	48.13	68.20	-20.07 Peak
4	11490.000	14.97	39.61	53.65	47.92	48.85	74.00	-25.15 peak
5	13288.280	16.44	40.29	54.47	48.68	50.94	74.00	-23.06 Peak
6	pp17235.000	17.83	40.01	54.35	47.30	50.79	68.20	-17.41 peak



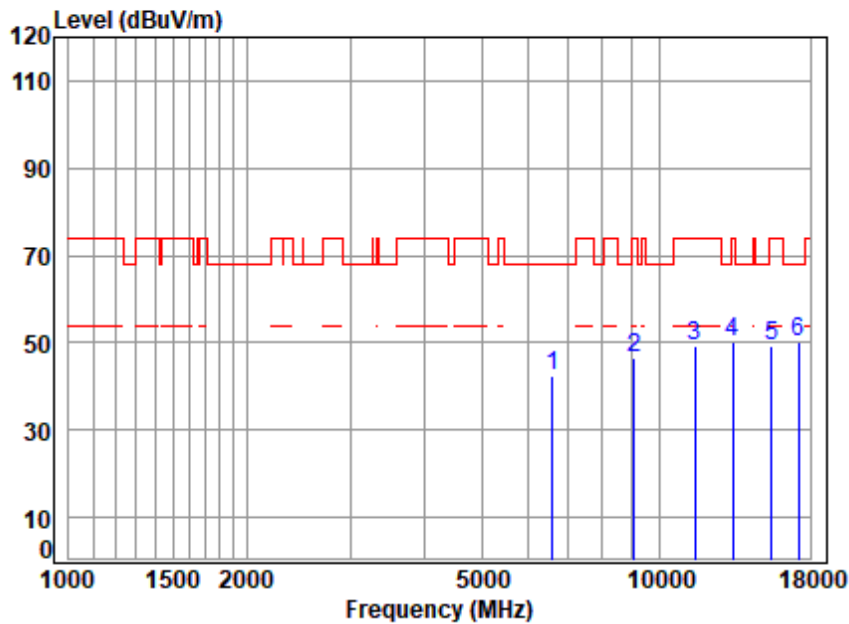
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

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



Condition: 3m VERTICAL

Job No : 02150AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6583.209	11.61	35.13	56.78	52.67	42.63	68.20 -25.57 Peak
2	9073.460	12.13	38.60	54.93	50.88	46.68	74.00 -27.32 Peak
3	11490.000	14.97	39.61	53.65	48.48	49.41	74.00 -24.59 peak
4	13326.750	16.37	40.30	54.47	48.06	50.26	74.00 -23.74 Peak
5	15488.110	16.88	38.60	54.15	48.06	49.39	74.00 -24.61 Peak
6	pp17235.000	17.83	40.01	54.35	46.51	50.00	68.20 -18.20 peak



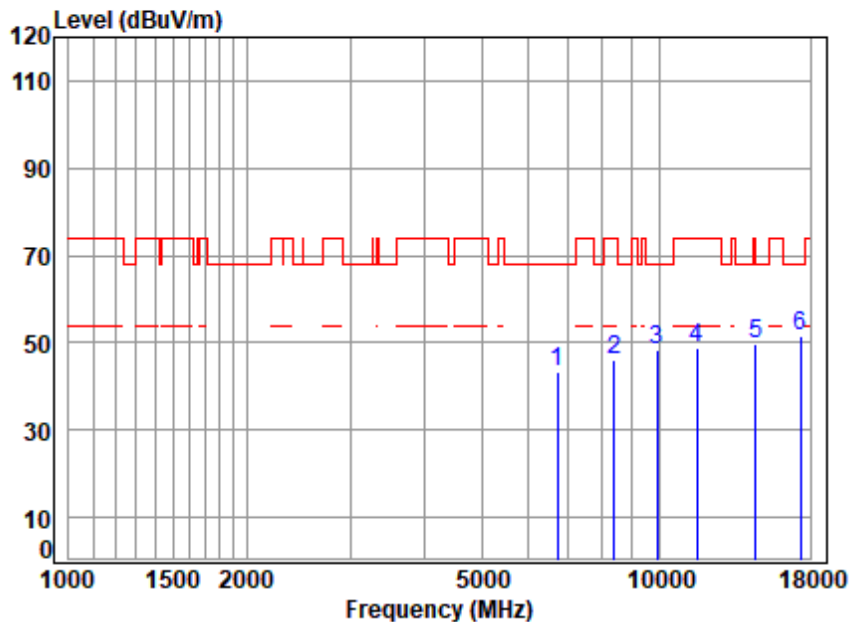
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500215005

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Test Mode: 22; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: middle



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6717.762	11.40	35.51	56.76	52.98	43.13	68.20	-25.07 Peak
2	8392.292	11.64	38.62	55.55	51.44	46.15	74.00	-27.85 Peak
3	9923.991	12.85	38.90	54.17	50.67	48.25	68.20	-19.95 Peak
4	11570.000	14.78	39.60	53.67	48.23	48.94	74.00	-25.06 peak
5	14533.910	16.79	39.43	54.35	47.67	49.54	68.20	-18.66 Peak
6	pp17355.000	18.00	40.31	54.37	47.55	51.49	68.20	-16.71 peak



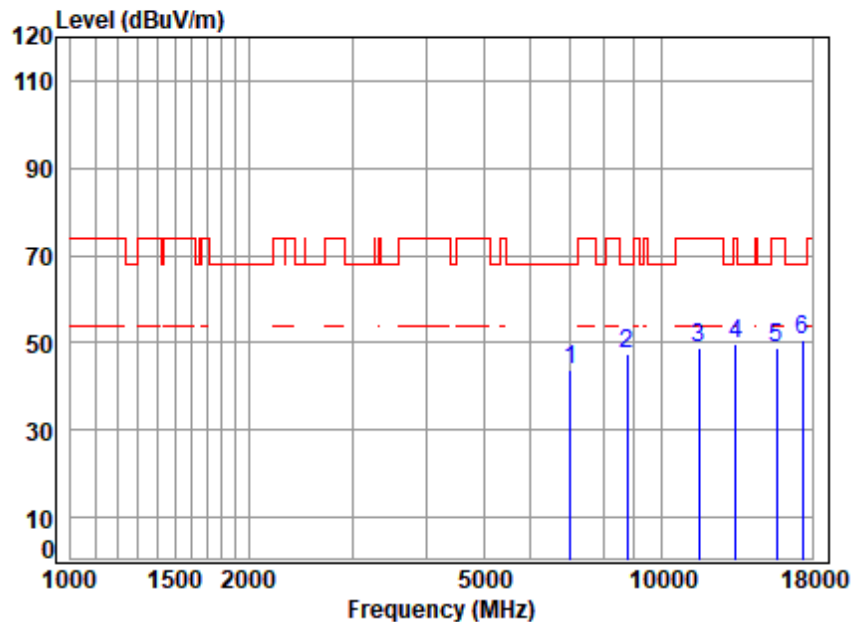
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

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Test Mode: 22; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

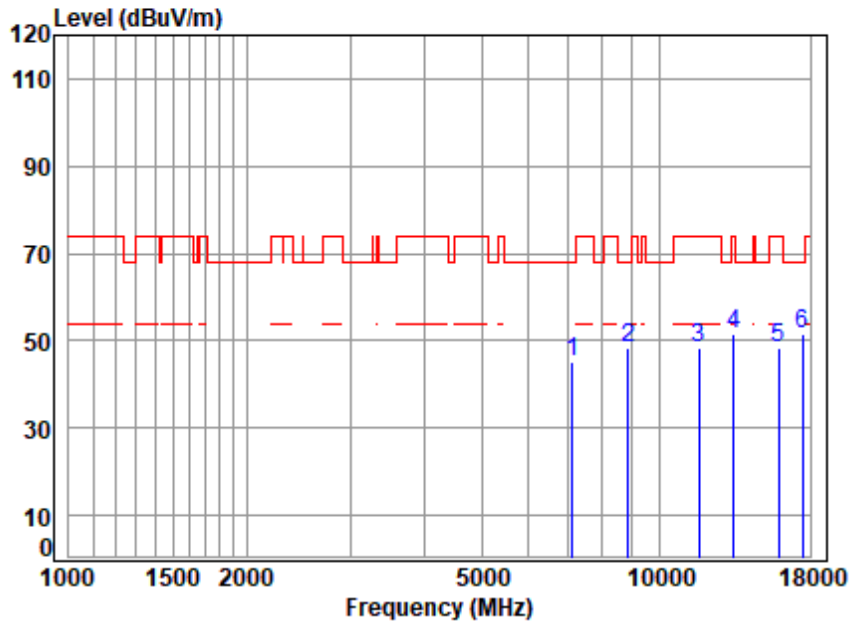
Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7015.420	11.47	36.23	56.69	52.67	43.68	68.20 -24.52 Peak
2	8764.146	12.19	38.50	55.21	51.97	47.45	68.20 -20.75 Peak
3	11570.000	14.78	39.60	53.67	47.98	48.69	74.00 -25.31 peak
4	13365.320	16.13	40.30	54.46	47.88	49.85	74.00 -24.15 Peak
5	15668.210	17.24	38.57	54.10	47.13	48.84	74.00 -25.16 Peak
6	pp17355.000	18.00	40.31	54.37	46.75	50.69	68.20 -17.51 peak



Test Mode: 22; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

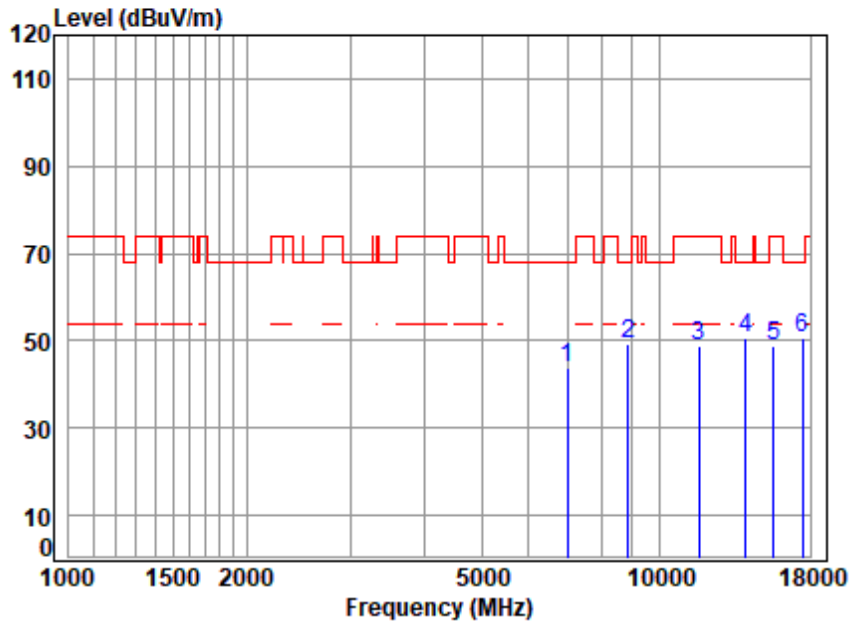
Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7138.144	11.81	36.48	56.59	53.64	45.34	68.20	-22.86 Peak
2	8866.062	12.23	38.53	55.12	52.67	48.31	68.20	-19.89 Peak
3	11650.000	14.69	39.55	53.69	47.90	48.45	74.00	-25.55 peak
4	13365.320	16.13	40.30	54.46	49.43	51.40	74.00	-22.60 Peak
5	15896.290	17.27	38.69	54.03	46.41	48.34	74.00	-25.66 Peak
6	pp17475.000	18.35	40.78	54.40	46.65	51.38	68.20	-16.82 peak



Test Mode: 22; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

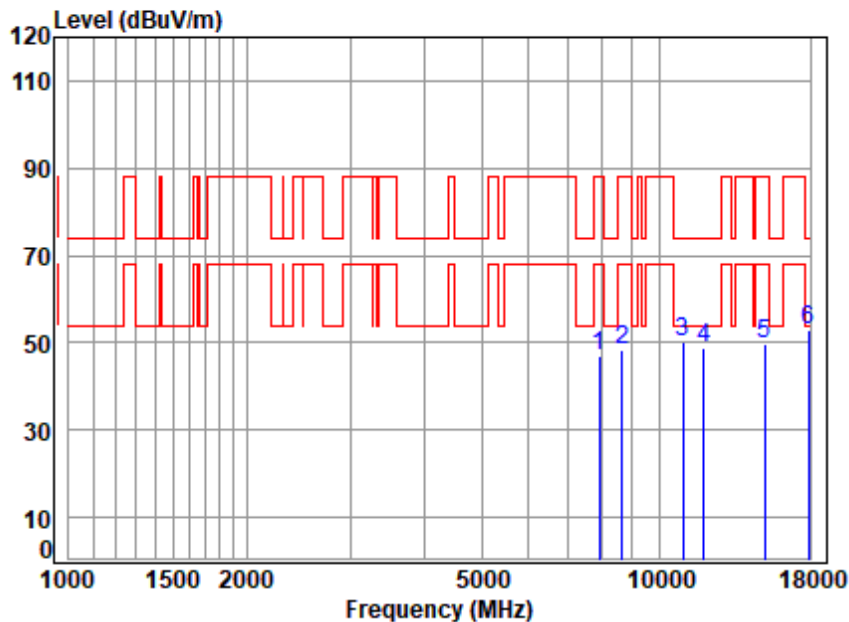
Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6995.172	11.37	36.19	56.70	53.13	43.99	68.20 -24.21 Peak
2	8840.473	12.24	38.50	55.14	53.66	49.26	68.20 -18.94 Peak
3	11650.000	14.69	39.55	53.69	48.05	48.60	74.00 -25.40 peak
4	13997.930	16.46	39.90	54.40	48.72	50.68	68.20 -17.52 Peak
5	15622.990	17.19	38.52	54.11	47.24	48.84	74.00 -25.16 Peak
6	pp17475.000	18.35	40.78	54.40	45.99	50.72	68.20 -17.48 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

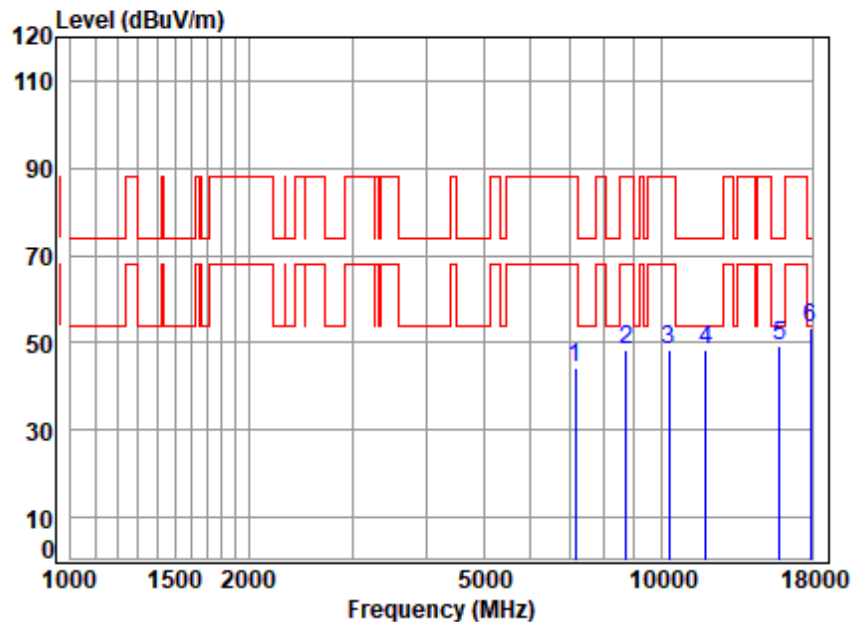
Mode : 5955 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	55.96	53.55	46.77	88.20	-41.43 peak
2	8663.404	12.04	38.45	55.30	53.06	48.25	88.20	-39.95 peak
3	10980.470	14.13	39.38	53.51	50.31	50.31	74.00	-23.69 peak
4	11910.000	14.88	39.71	53.77	48.12	48.94	74.00	-25.06 peak
5	15090.400	16.70	38.71	54.27	48.72	49.86	88.20	-38.34 peak
6	pp17865.000	18.65	42.89	54.47	45.99	53.06	74.00	-20.94 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

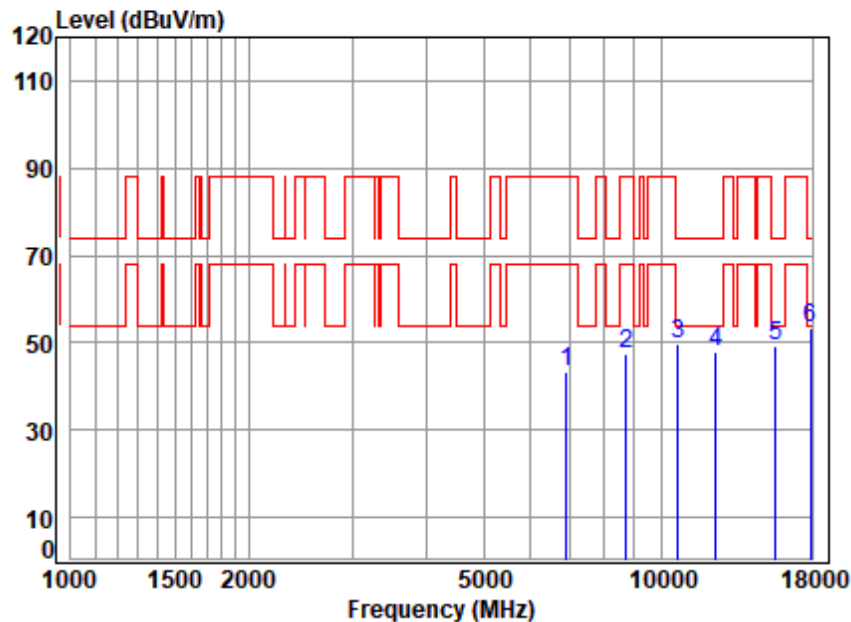
Mode : 5955 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7158.806	11.71	36.52	56.57	52.49	44.15	88.20	-44.05 Peak
2	8713.630	12.11	38.57	55.26	52.90	48.32	88.20	-39.88 Peak
3	10303.980	13.58	39.00	53.92	49.74	48.40	88.20	-39.80 Peak
4	11910.000	14.88	39.71	53.77	47.53	48.35	74.00	-25.65 peak
5	15850.410	17.16	38.60	54.04	47.75	49.47	74.00	-24.53 peak
6	pp17865.000	18.65	42.89	54.47	46.29	53.36	74.00	-20.64 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

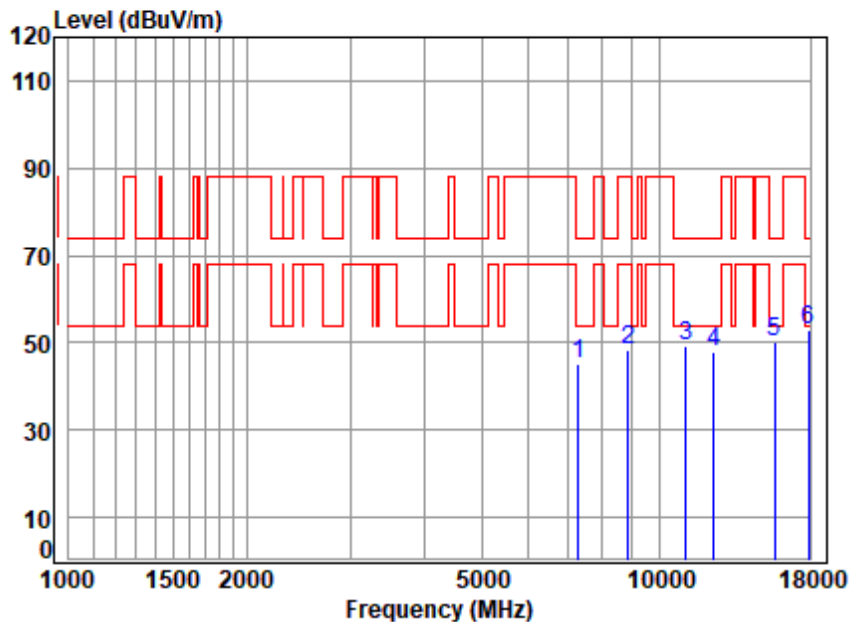
Mode : 6175 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6894.806	11.37	36.18	56.72	52.58	43.41	88.20	-44.79 Peak
2	8713.630	12.11	38.57	55.26	52.13	47.55	88.20	-40.65 peak
3	10667.640	13.89	39.37	53.70	50.03	49.59	74.00	-24.41 peak
4	12350.000	15.08	39.85	54.04	47.25	48.14	74.00	-25.86 peak
5	15622.990	17.19	38.52	54.11	47.73	49.33	74.00	-24.67 peak
6	pp17896.250	18.69	43.08	54.48	46.03	53.32	74.00	-20.68 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

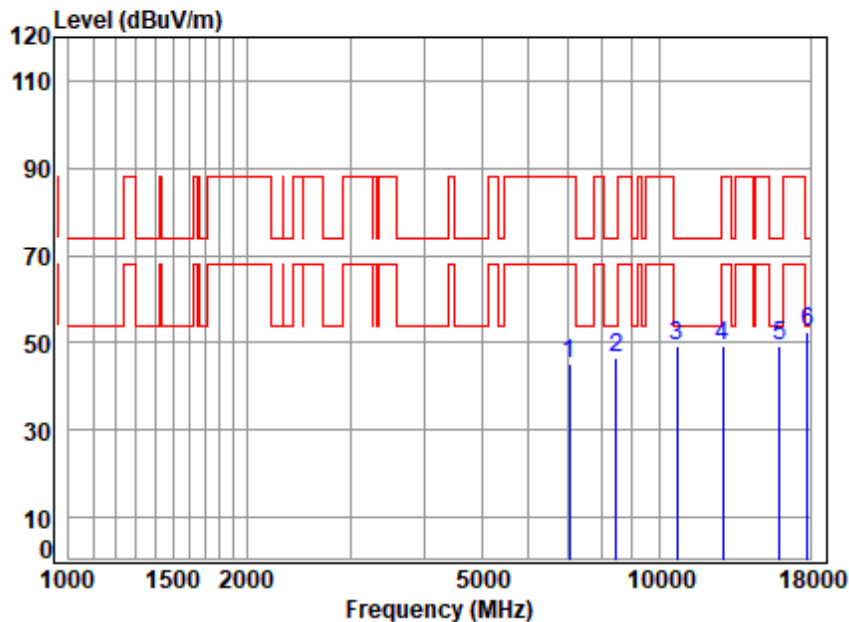
Mode : 6175 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7305.122	11.51	36.71	56.46	53.41	45.17	74.00	-28.83 Peak
2	8866.062	12.23	38.53	55.12	52.75	48.39	88.20	-39.81 peak
3	11108.160	14.67	39.51	53.53	48.78	49.43	74.00	-24.57 peak
4	12350.000	15.08	39.85	54.04	47.15	48.04	74.00	-25.96 peak
5	15668.210	17.24	38.57	54.10	48.33	50.04	74.00	-23.96 peak
6	pp17896.250	18.69	43.08	54.48	45.68	52.97	74.00	-21.03 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

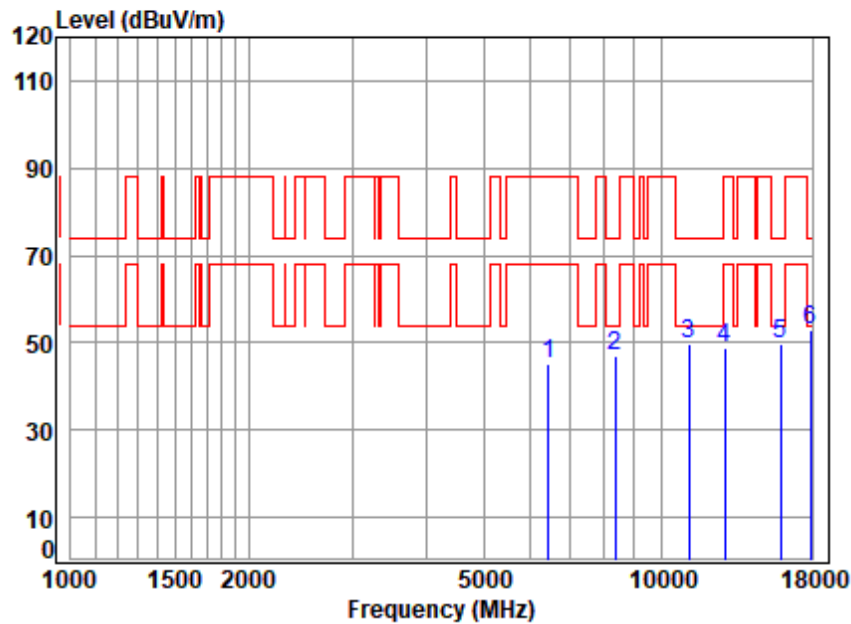
Mode : 6415 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7056.092	11.72	36.31	56.66	53.62	44.99	88.20	-43.21 Peak
2	8440.945	11.91	38.44	55.50	51.91	46.76	74.00	-27.24 Peak
3	10729.480	13.93	39.37	53.66	49.81	49.45	74.00	-24.55 Peak
4	12830.000	15.53	40.33	54.38	47.65	49.13	88.20	-39.07 peak
5	15988.450	17.17	38.61	54.00	47.48	49.26	74.00	-24.74 peak
6	pp17844.590	18.62	42.77	54.47	45.66	52.58	74.00	-21.42 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02150AT

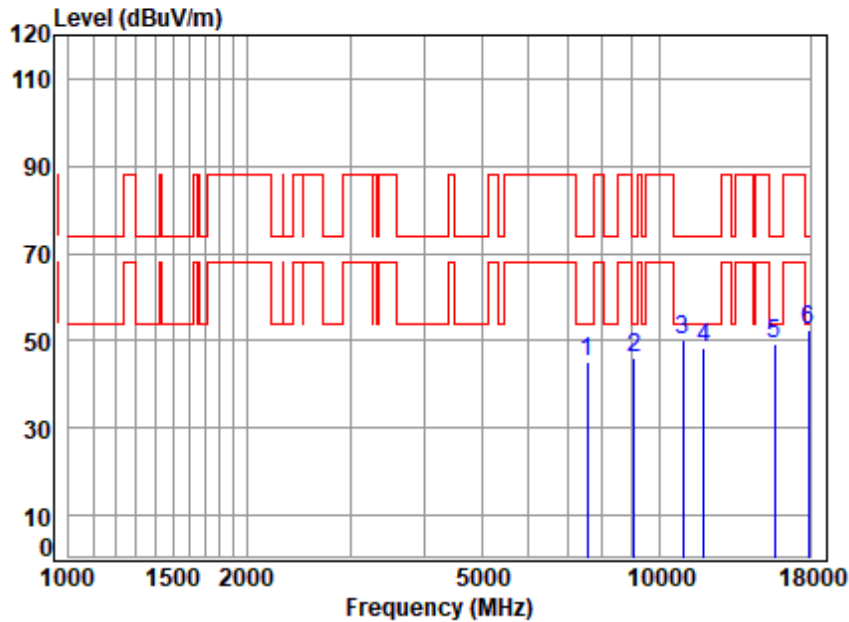
Mode : 6415 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6432.732	12.79	34.80	56.81	54.20	44.98	88.20	-43.22 Peak
2	8368.069	11.67	38.66	55.57	52.10	46.86	74.00	-27.14 Peak
3	11140.310	14.70	39.54	53.54	48.99	49.69	74.00	-24.31 peak
4	12830.000	15.53	40.33	54.38	47.34	48.82	88.20	-39.38 peak
5	15942.300	17.23	38.66	54.02	48.09	49.96	74.00	-24.04 peak
6	pp17896.250	18.69	43.08	54.48	45.85	53.14	74.00	-20.86 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02150AT

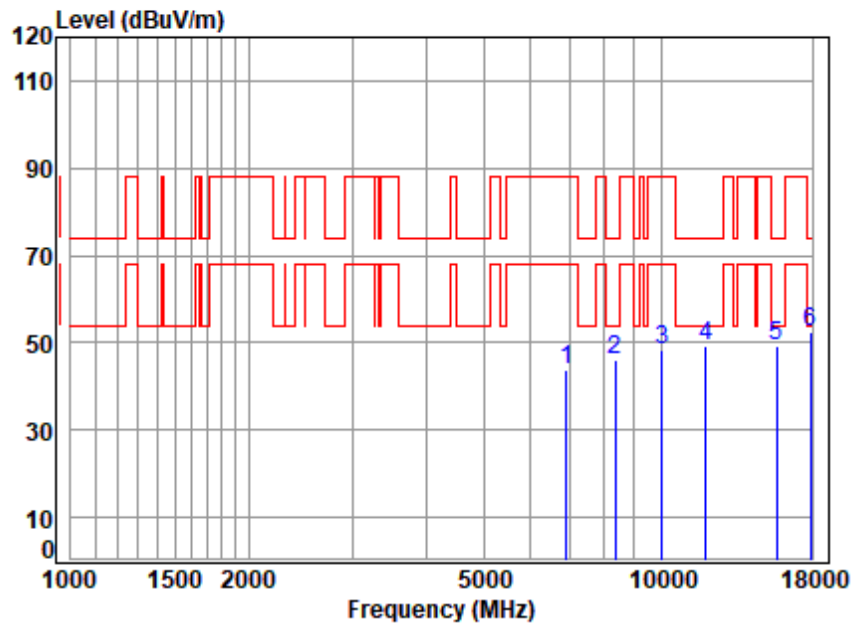
Mode : 5955 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7562.942	11.14	36.80	56.25	53.40	45.09	74.00	-28.91 Peak
2	9073.460	12.13	38.60	54.93	50.21	46.01	74.00	-27.99 Peak
3	10980.470	14.13	39.38	53.51	50.41	50.41	74.00	-23.59 peak
4	11910.000	14.88	39.71	53.77	47.48	48.30	74.00	-25.70 peak
5	15668.210	17.24	38.57	54.10	47.50	49.21	74.00	-24.79 peak
6	pp17865.000	18.65	42.89	54.47	45.56	52.63	74.00	-21.37 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02150AT

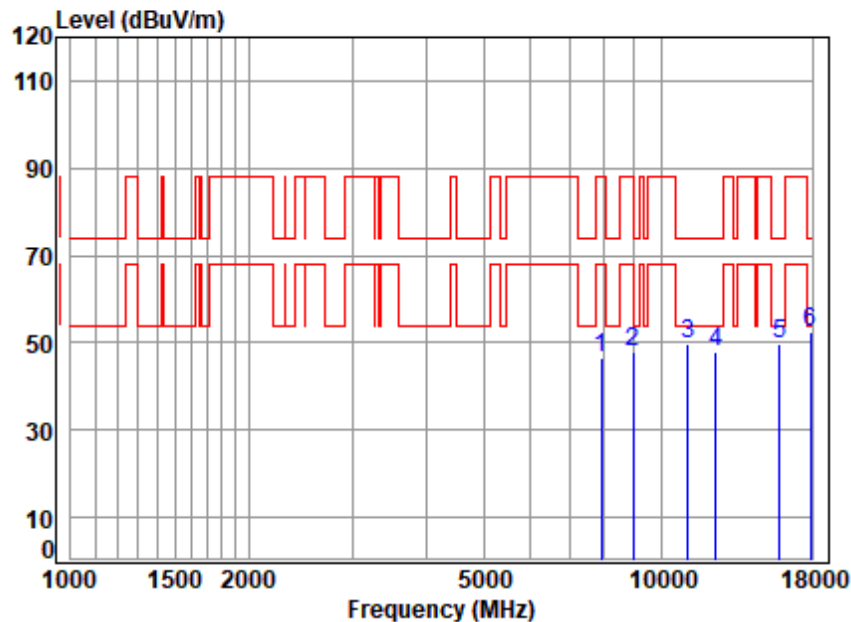
Mode : 5955 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6894.806	11.37	36.18	56.72	53.02	43.85	88.20	-44.35 Peak
2	8343.918	11.70	38.60	55.59	51.47	46.18	74.00	-27.82 Peak
3	10010.420	13.04	38.92	54.09	50.28	48.15	88.20	-40.05 Peak
4	11910.000	14.88	39.71	53.77	48.53	49.35	74.00	-24.65 peak
5	15668.210	17.24	38.57	54.10	47.54	49.25	74.00	-24.75 peak
6	pp17865.000	18.65	42.89	54.47	45.62	52.69	74.00	-21.31 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02150AT

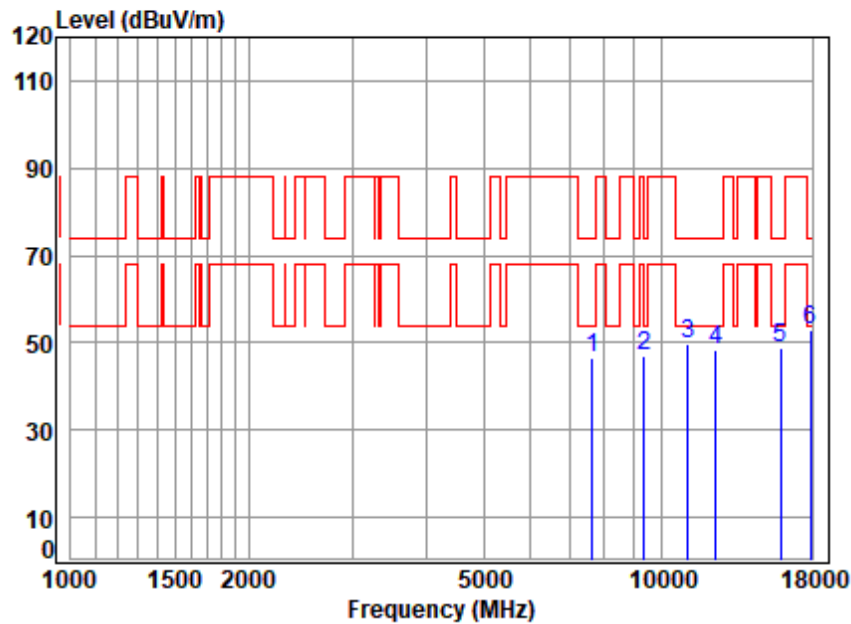
Mode : 6175 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7898.049	11.54	37.59	55.98	53.30	46.45	88.20	-41.75 peak
2	8969.161	12.17	38.54	55.03	52.08	47.76	88.20	-40.44 peak
3	11108.160	14.67	39.51	53.53	49.13	49.78	74.00	-24.22 peak
4	12350.000	15.08	39.85	54.04	46.82	47.71	74.00	-26.29 peak
5	15850.410	17.16	38.60	54.04	48.17	49.89	74.00	-24.11 peak
6	pp17896.250	18.69	43.08	54.48	45.31	52.60	74.00	-21.40 peak



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02150AT

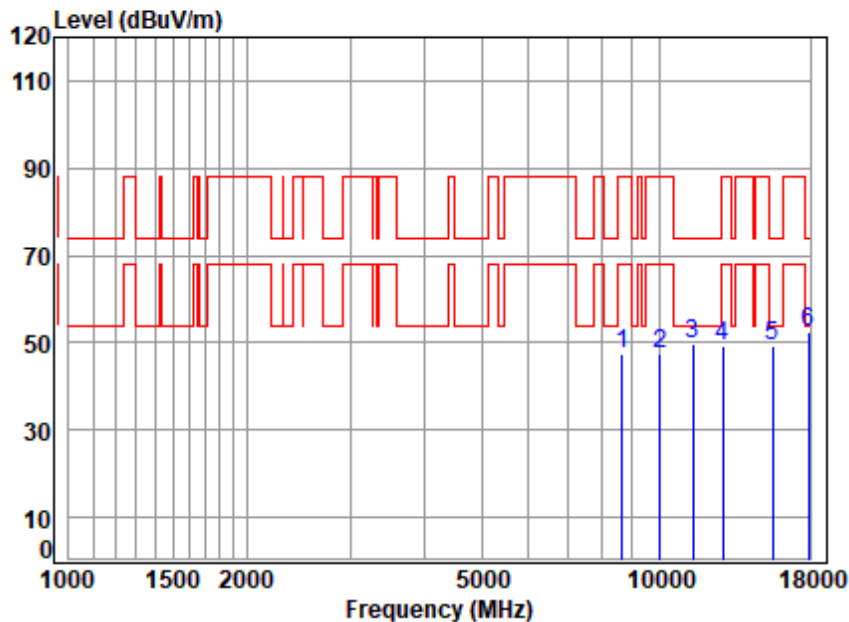
Mode : 6175 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7650.888	11.27	36.90	56.18	54.55	46.54	74.00	-27.46 Peak
2	9339.543	12.22	38.80	54.69	50.62	46.95	74.00	-27.05 Peak
3	11108.160	14.67	39.51	53.53	48.99	49.64	74.00	-24.36 peak
4	12350.000	15.08	39.85	54.04	47.37	48.26	74.00	-25.74 peak
5	15942.300	17.23	38.66	54.02	46.96	48.83	74.00	-25.17 peak
6	pp17896.250	18.69	43.08	54.48	45.63	52.92	74.00	-21.08 peak



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02150AT

Mode : 6415 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	8663.404	12.04	38.45	55.30	52.24	47.43	88.20	-40.77 peak
2	10010.420	13.04	38.92	54.09	49.55	47.42	88.20	-40.78 peak
3	11400.910	14.22	39.70	53.62	49.35	49.65	74.00	-24.35 peak
4	12830.000	15.53	40.33	54.38	47.82	49.30	88.20	-38.90 peak
5	15577.900	17.11	38.52	54.13	47.80	49.30	74.00	-24.70 peak
6	pp17896.250	18.69	43.08	54.48	45.11	52.40	74.00	-21.60 peak

