

TEST REPORT

Application No.: SZCR2506002484AT
Applicant: Bose Corporation
Address of Applicant: The Mountain Rd, Framingham, MA 01701, USA
Manufacturer: Bose Corporation
Address of Manufacturer: The Mountain Rd, Framingham, MA 01701, USA
Equipment Under Test (EUT):
EUT Name: Wireless Speaker
Model No.: 443508
Trade Mark: BOSE
FCC ID: A94443508
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-06-12
Date of Test: 2025-07-25 to 2025-08-21
Date of Issue: 2025-08-21

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 (EMC) EEC Laboratory.

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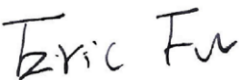
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-08-21		Original

Authorized for issue by:				
				
		Leo Lai/Project Engineer		
				
		Eric Fu/Reviewer		



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2 Test Summary

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

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10-2020 Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020 Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10-2020 Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10-2020 Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10-2020 Section 12.2	ANSI C63.10-2020 Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020 Section 12.5	ANSI C63.10-2020 Section 12.5	Pass
26dB Emission bandwidth		ANSI C63.10-2020 Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10-2020 Section 6.9.2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		ANSI C63.10-2020 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10-2020 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10-2020 Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass
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



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4 General Information

4.1 Details of E.U.T.

Power supply:	AC 100-240V 50/60Hz Tested voltage: 120V~60Hz
Cable(s):	AC cable:200cm
Cable Loss (for RF conducted test):	1.5dB
Operation Frequency / Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency / Number of channels (40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency / Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channel); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz; 802.11n/ac/ax: 40MHz; 802.11ac/ax 80: 80MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	ANT1: FPC antenna, ANT2: PCB Etch antenna
Antenna Gain:	U-NII-1: ANT1:3.6dBi, ANT2:3.3dBi; U-NII-2A: ANT1:3.5dBi, ANT2:3.5dBi; U-NII-2C: ANT1:3.5dBi, ANT2:3.5dBi; U-NII-3: ANT1:3.8dBi, ANT2:3.8dBi

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4.2 Description of Support Units

Description	Manufacturer	Model No.	FCC ID
Wi-Fi Router	LINKSYS	WRT3200ACM	Q87-WRT3200ACM

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz);± 4.8dB (18-40GHz)
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);



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Duty Cycle	$\pm 0.37\%$
99% Bandwidth	$\pm 3\%$
26dB Emission bandwidth	$\pm 3\%$
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	$\pm 3\%$
Maximum Conducted output power	$\pm 0.75\text{dB}$
Peak Power spectrum density	$\pm 2.84\text{dB}$
Frequency Stability	$\pm 7.25 \times 10^{-8}$
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.	

4.4 Test Location

All tests were performed at:

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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

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CAB identifier: CN0006.

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4.6 Deviation from Standards

None



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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	2025-07-05	2026-07-04
LISN	Rohde&Schwarz	ENV216	SEM007-01	2025-07-25	2026-07-24
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

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	2025-07-25	2026-07-24
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	2025-07-05	2026-07-04

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	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



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Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22

Radiated Emissions which fall in the restricted bands

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	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	2025-07-23	2026-07-22

RF Conducted Test

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2025-07-24	2026-07-23
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2025-07-05	2026-07-04
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04	2026-03-03
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2025-03-04	2026-03-03
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
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



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



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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

15.203 requirement:

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

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna are U-NII-1: ANT1:3.6dBi, ANT2:3.3dBi; U-NII-2A: ANT1:3.5dBi, ANT2:3.5dBi; U-NII-2C: ANT1:3.5dBi, ANT2:3.5dBi; U-NII-3: ANT1:3.8dBi, ANT2:3.8dBi.

Antenna location: Refer to internal photos



6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

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

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

EUT Details:

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



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:

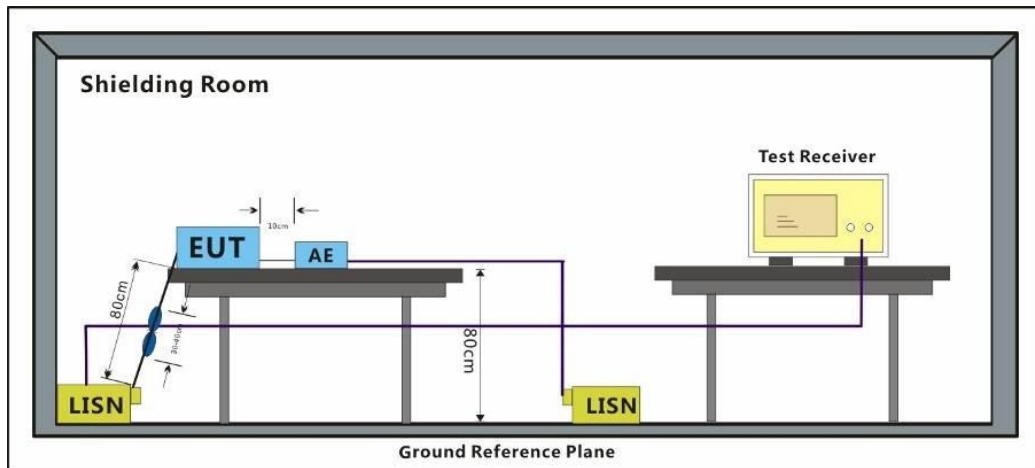
Temperature: 25.3 °C Humidity: 40.5 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



7.1.3 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.

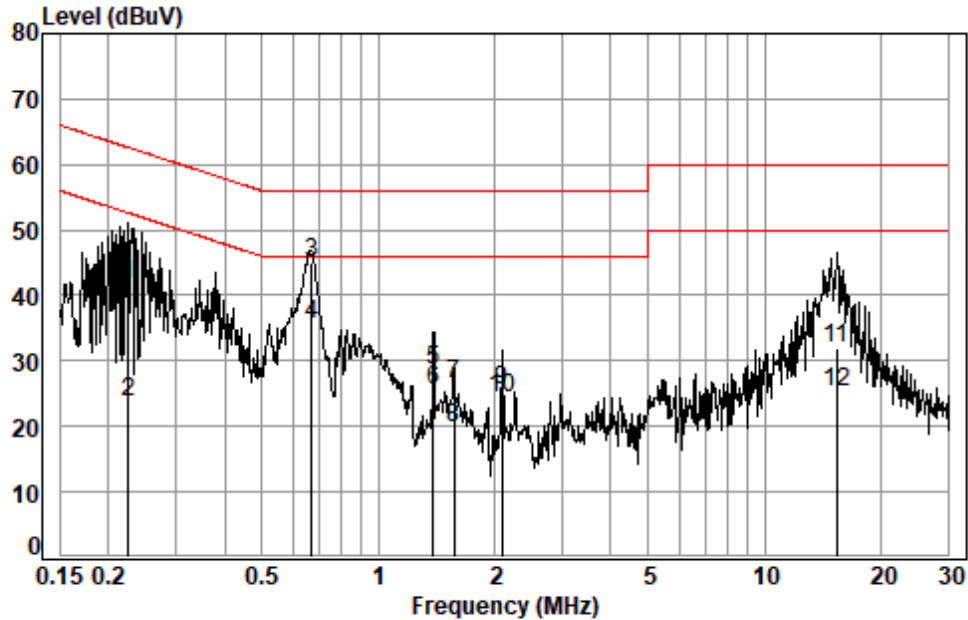
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Test Mode: 05; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 02484AT/02485AT
Test mode: 05

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.2256	0.06	10.04	31.67	41.77	62.61	-20.84	QP
2	0.2256	0.06	10.04	13.68	23.78	52.61	-28.83	Average
3 *	0.6719	0.09	9.64	35.33	45.06	56.00	-10.94	QP
4 *	0.6719	0.09	9.64	25.99	35.72	46.00	-10.28	Average
5	1.3884	0.11	9.58	18.85	28.54	56.00	-27.46	QP
6	1.3884	0.11	9.58	15.77	25.46	46.00	-20.54	Average
7	1.5684	0.11	9.58	16.92	26.61	56.00	-29.39	QP
8	1.5684	0.11	9.58	10.09	19.78	46.00	-26.22	Average
9	2.0879	0.11	9.59	15.90	25.60	56.00	-30.40	QP
10	2.0879	0.11	9.59	14.71	24.41	46.00	-21.59	Average
11	15.3883	0.28	9.94	21.71	31.93	60.00	-28.07	QP
12	15.3883	0.28	9.94	15.01	25.23	50.00	-24.77	Average



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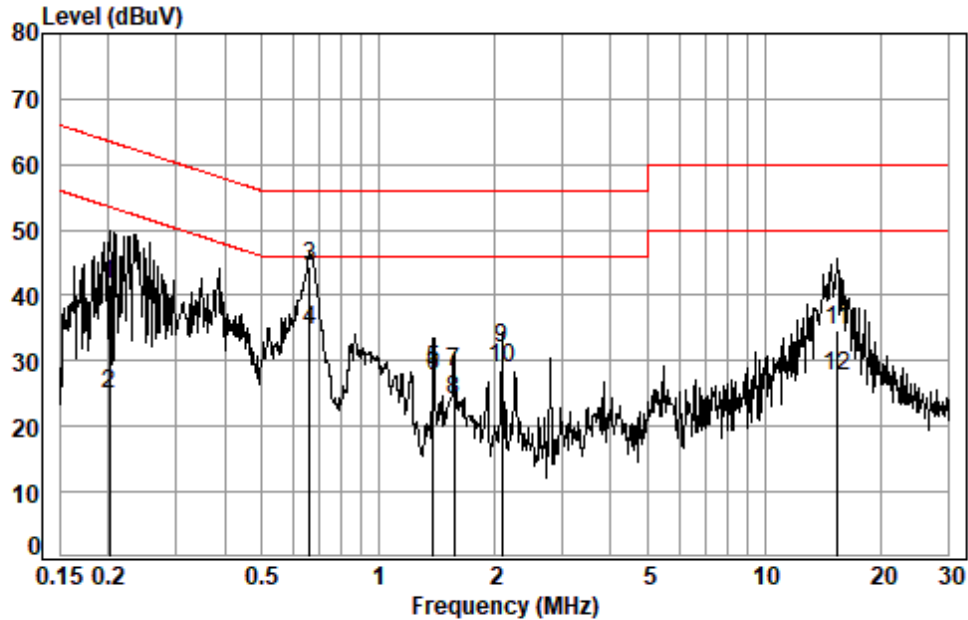
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Test Mode: 05; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 02484AT/02485AT
Test mode: 05

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.2018	0.06	10.07	31.41	41.54	63.54	-22.00	QP
2	0.2018	0.06	10.07	14.74	24.87	53.54	-28.67	Average
3 *	0.6648	0.09	9.66	34.56	44.31	56.00	-11.69	QP
4 *	0.6648	0.09	9.66	24.81	34.56	46.00	-11.44	Average
5	1.3884	0.11	9.54	18.90	28.55	56.00	-27.45	QP
6	1.3884	0.11	9.54	18.00	27.65	46.00	-18.35	Average
7	1.5684	0.11	9.55	18.68	28.34	56.00	-27.66	QP
8	1.5684	0.11	9.55	14.48	24.14	46.00	-21.86	Average
9	2.0879	0.11	9.55	22.19	31.85	56.00	-24.15	QP
10	2.0879	0.11	9.55	19.37	29.03	46.00	-16.97	Average
11	15.4701	0.28	9.88	24.45	34.61	60.00	-25.39	QP
12	15.4701	0.28	9.88	17.50	27.66	50.00	-22.34	Average



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7.2 Radiated Emissions (Below 1GHz)

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

Test Method: ANSI C63.10-2020 Section 6.4,6.5

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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.6 °C

Humidity: 49.8 % RH

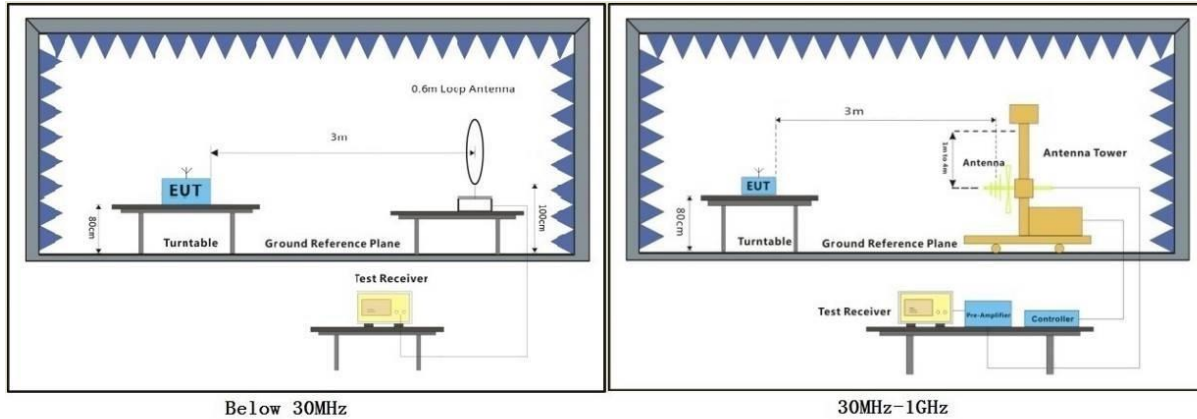
Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Pre-scan	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using 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+ Aux Factor (if applicable)

The aux factor needs to be added for the frequency below 30MHz once a closer distance used.

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

2. 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.

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

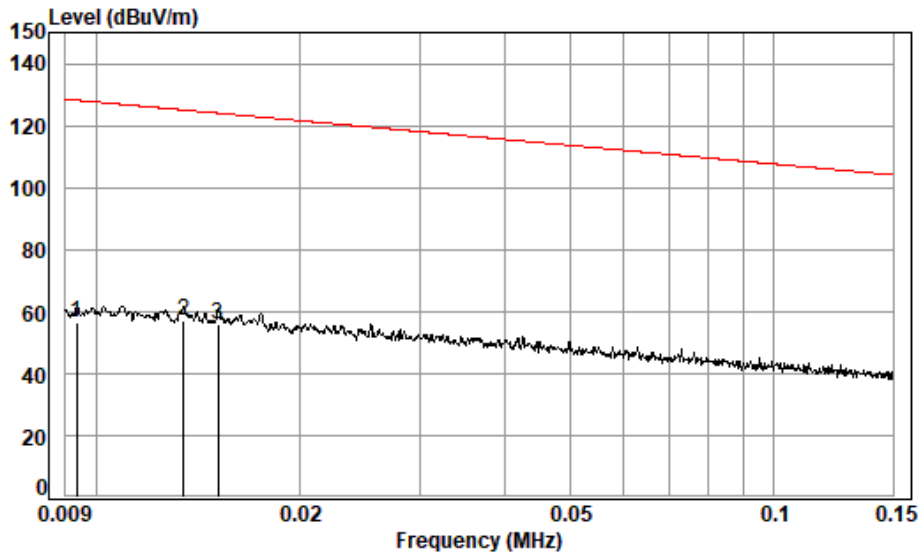


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Condition: 3m

Job No. : 02484AT

Test Mode: 05

: coaxial

	Freq	Read Level	Ant Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.009	68.88	18.77	0.10	31.13	56.62	128.16	-71.54	Average
2 pp	0.013	71.90	16.66	0.11	31.38	57.29	125.01	-67.72	Average
3	0.015	71.20	15.91	0.11	31.46	55.76	123.98	-68.22	Average

Frequency (MHz)	Level @ 3m (dBuV/m)	Factor (dB)	Level @ 300m (dBuV/m)	Limit @ 300m (dBuV/m)	Over Limit (dB)
0.009	56.62	80.00	-23.38	48.16	-71.54
0.013	57.29	80.00	-22.71	45.01	-67.72
0.015	55.76	80.00	-24.24	43.98	-68.22



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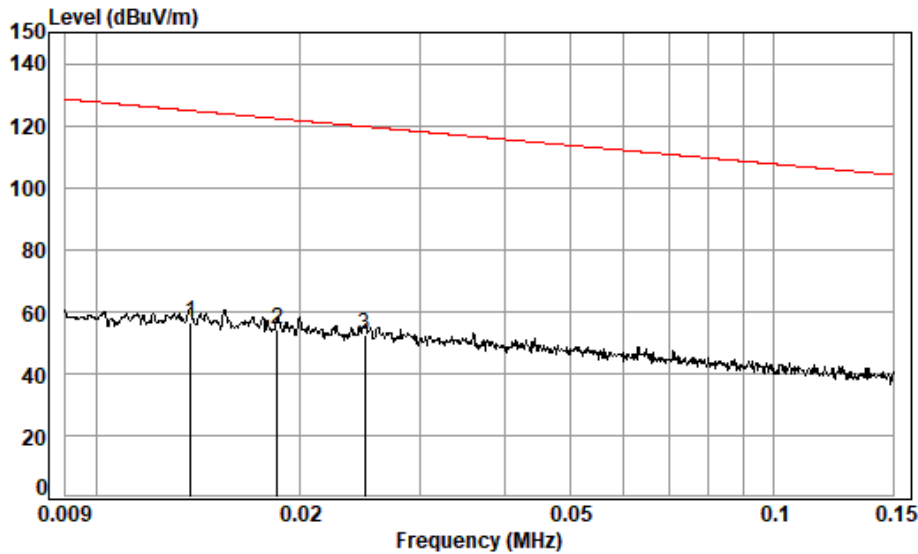
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Condition: 3m

Job No. : 02484AT

Test Mode: 05

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.014	71.06	16.53	0.11	31.40	56.30	124.81	-68.51	Average
2	0.018	71.46	14.42	0.11	31.60	54.39	122.25	-67.86	Average
3 pp	0.025	71.10	12.96	0.11	31.81	52.36	119.66	-67.30	Average

Frequency (MHz)	Level @ 3m (dBuV/m)	Factor (dB)	Level @ 300m (dBuV/m)	Limit @ 300m (dBuV/m)	Over Limit (dB)
0.014	56.30	80.00	-23.70	44.81	-68.51
0.018	54.39	80.00	-25.61	42.25	-67.86
0.025	52.36	80.00	-27.64	39.66	-67.30



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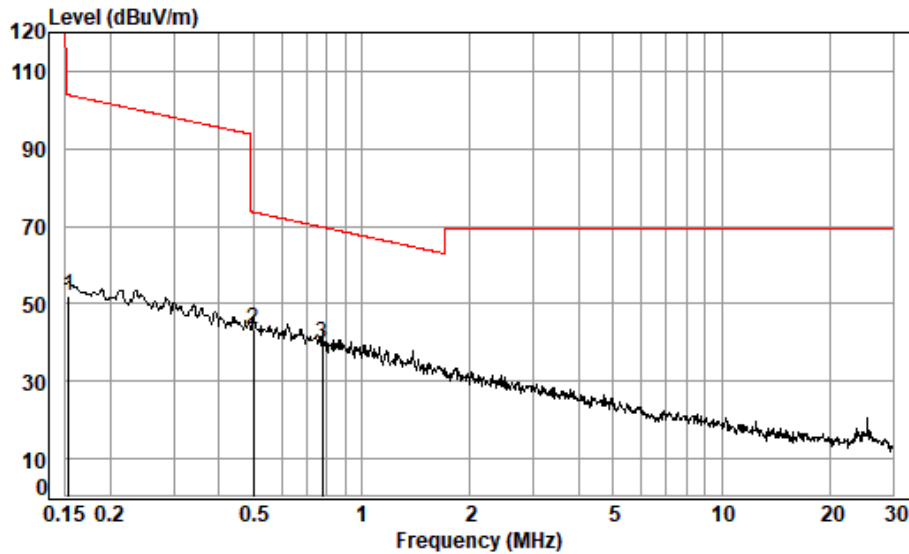
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Condition: 3m

Job No. : 02484AT

Test Mode: 05

: coaxial

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	av	0.153	73.88	10.50	0.14	32.40	52.12	103.89	-51.77 Average
2		0.499	65.40	10.37	0.28	32.50	43.55	73.63	-30.08 QP
3	pp	0.775	61.72	10.35	0.33	32.56	39.84	69.79	-29.95 QP

Frequency (MHz)	Level @ 3m (dBuV/m)	Factor (dB)	Level @300/30m (dBuV/m)	Limit @ 300/30m (dBuV/m)	Over Limit (dB)
0.153	52.12	80.00	-27.88	23.89	-51.77
0.499	43.55	40.00	3.55	33.63	-30.08
0.775	39.84	40.00	-0.16	29.79	-29.95



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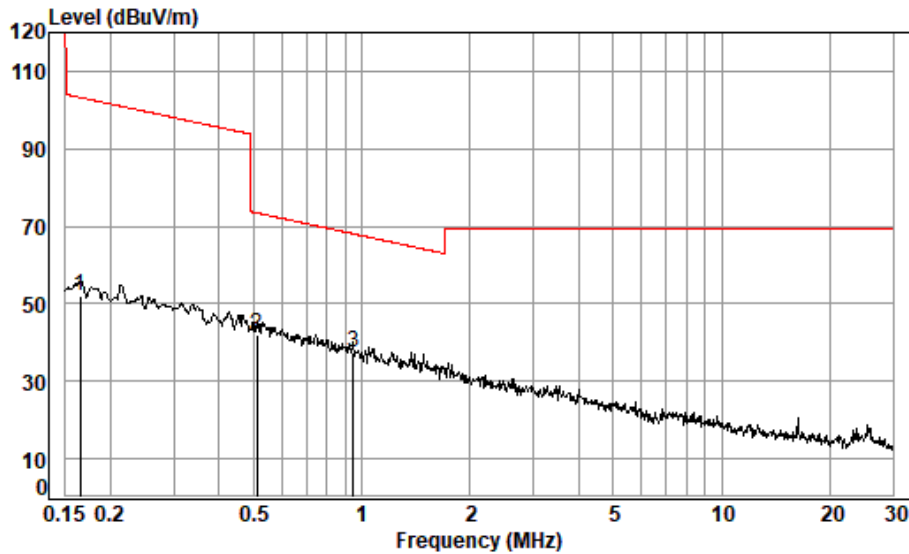
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Report No.: SZCR250600248405

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Condition: 3m

Job No. : 02484AT

Test Mode: 05

: coplanar

		Read	Ant	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	av	0.165	73.92	10.49	0.15	32.40	52.16	103.25	-51.09 Average
2		0.510	63.72	10.37	0.28	32.50	41.87	73.45	-31.58 QP
3	pp	0.948	59.22	10.35	0.35	32.59	37.33	68.03	-30.70 QP

Frequency (MHz)	Level @ 3m (dBuV/m)	Factor (dB)	Level @300/30m (dBuV/m)	Limit @ 300/30m (dBuV/m)	Over Limit (dB)
0.165	52.16	80.00	-27.84	23.25	-51.09
0.510	41.87	40.00	1.87	33.45	-31.58
0.948	37.33	40.00	-2.67	28.03	-30.70



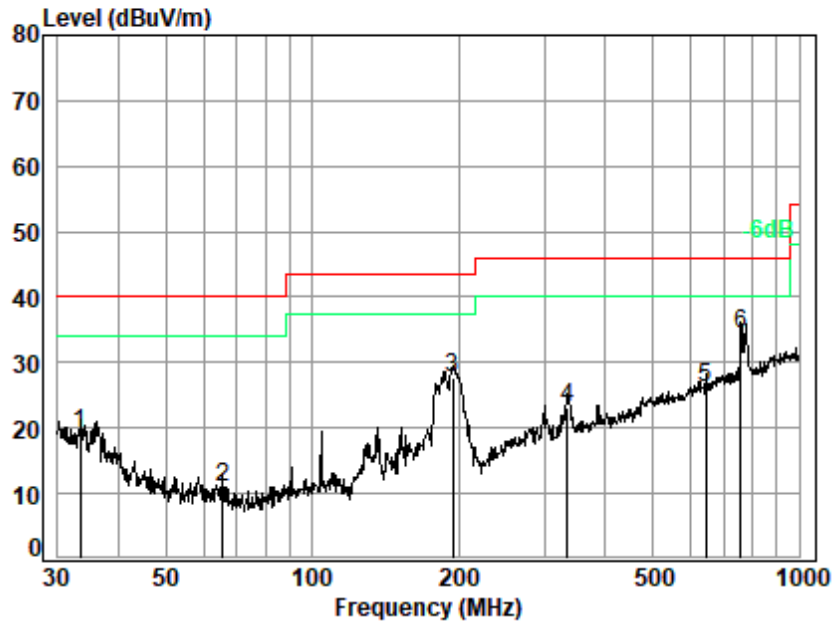
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Test Mode: 05; Polarity: Horizontal

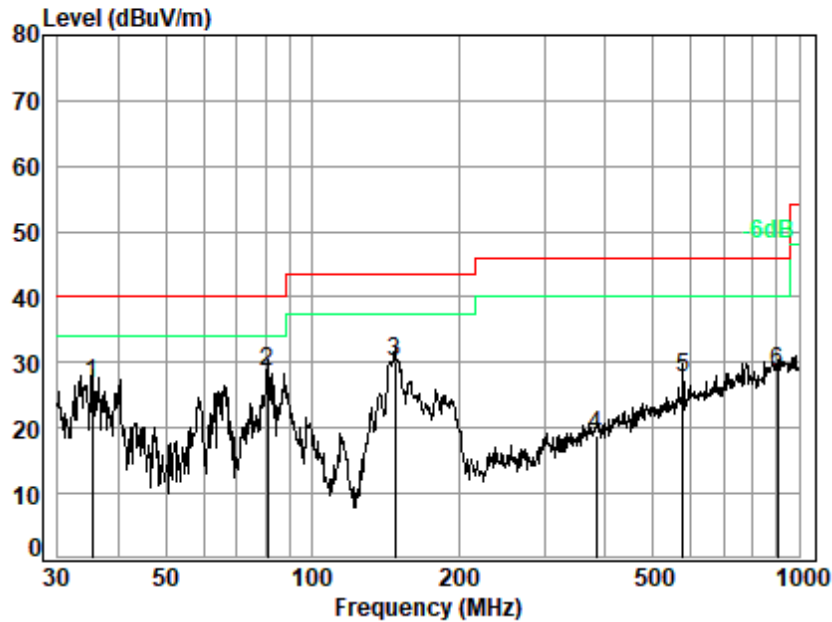


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 02484AT
Test Mode: 05

	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	33.445	19.68	0.77	27.65	26.40	19.20	40.00	-20.80 QP
2	65.343	11.00	0.95	27.62	26.50	10.83	40.00	-29.17 QP
3	194.453	14.15	1.68	27.79	39.59	27.63	43.50	-15.87 QP
4	334.859	18.83	2.26	27.60	29.63	23.12	46.00	-22.88 QP
5	642.861	24.58	3.24	27.98	26.33	26.17	46.00	-19.83 QP
6 q	758.041	26.48	3.58	27.69	31.95	34.32	46.00	-11.68 QP



Test Mode: 05; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 02484AT
Test Mode: 05

		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	35.251	18.74	0.78	27.65	34.90	26.77	40.00	-13.23	QP
2	80.927	10.52	1.11	27.61	44.43	28.45	40.00	-11.55	QP
3	147.921	12.79	1.49	27.71	43.61	30.18	43.50	-13.32	QP
4	383.932	20.90	2.44	27.71	23.26	18.89	46.00	-27.11	QP
5	576.644	23.84	3.04	28.07	28.92	27.73	46.00	-18.27	QP
6	903.309	27.83	3.99	26.95	23.66	28.53	46.00	-17.47	QP



7.3 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10-2020 Section 6.6

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: 22.4 °C

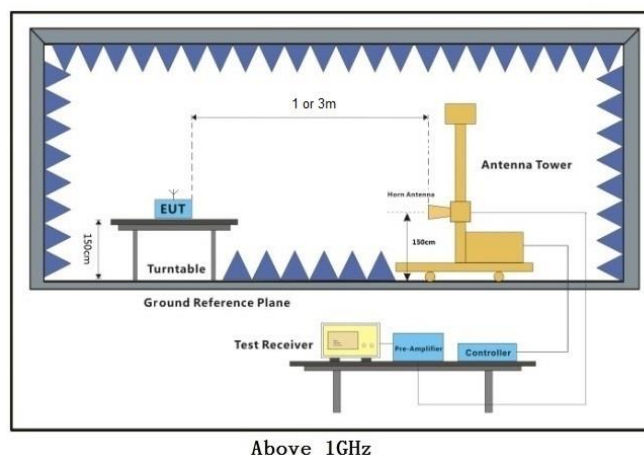
Humidity: 53.1 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna from 1GHz to 18GHz, and 1 meter away from the interference-receiving antenna above 18GHz.
- b. The interference-receiving antenna was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

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

The aux factor needs to be added for the frequency above 18GHz once a closer distance used.

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

2. Scan from 18GHz to 10th harmonic of the highest frequency or 40 GHz, whichever is lower, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

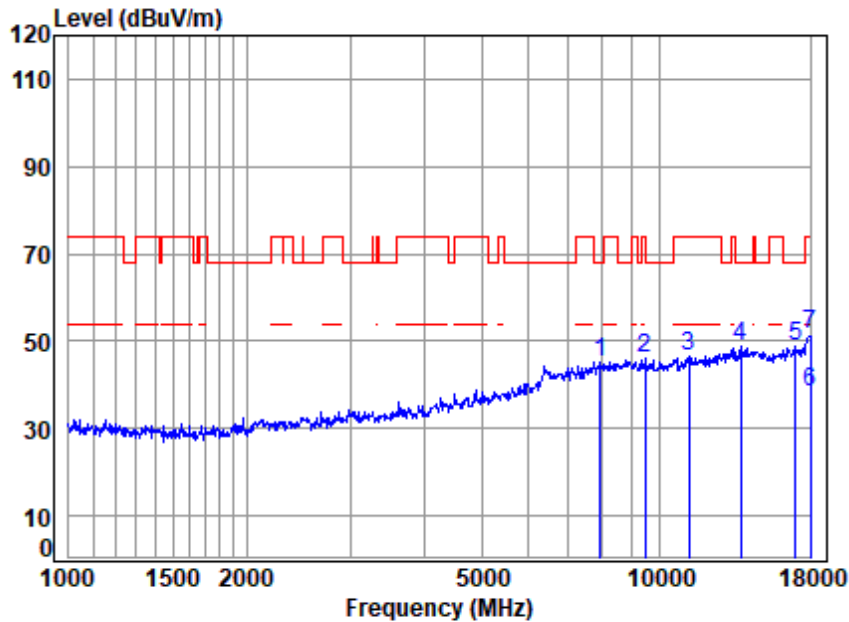
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst-case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.

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



11a_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

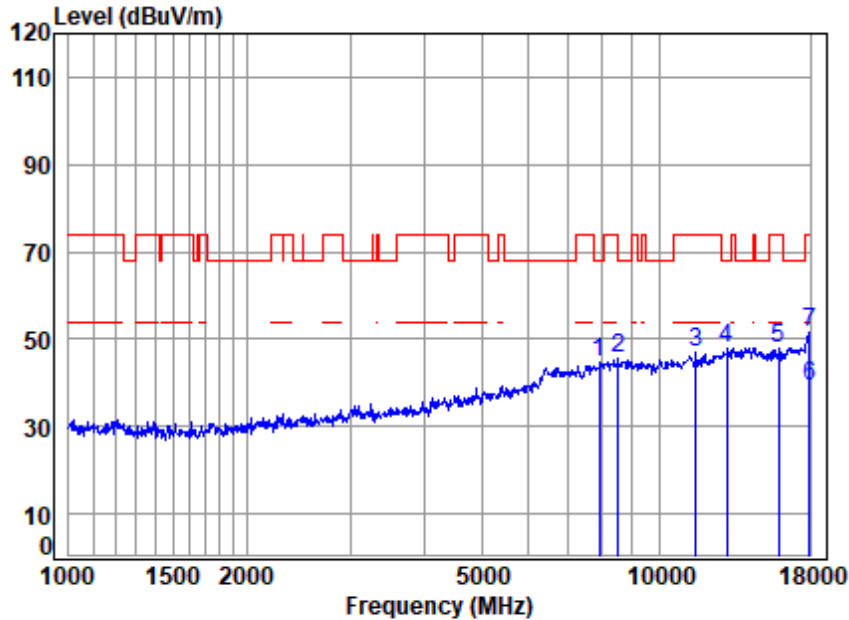
Mode : 5180 TX RSE

: 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	7943.838	11.55	37.69	56.52	52.46	45.18	68.20	-23.02	peak
2	9475.497	12.50	38.85	55.97	50.85	46.23	74.00	-27.77	peak
3	11204.900	14.75	39.60	55.43	47.73	46.65	74.00	-27.35	peak
4	pk13717.560	16.33	39.98	54.59	47.25	48.97	68.20	-19.23	peak
5	17038.150	18.22	39.74	54.11	44.91	48.76	68.20	-19.44	peak
6	pp18000.000	18.35	43.80	54.20	30.48	38.43	54.00	-15.57	Average
7	18000.000	18.35	43.80	54.20	43.58	51.53	74.00	-22.47	peak



11a_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

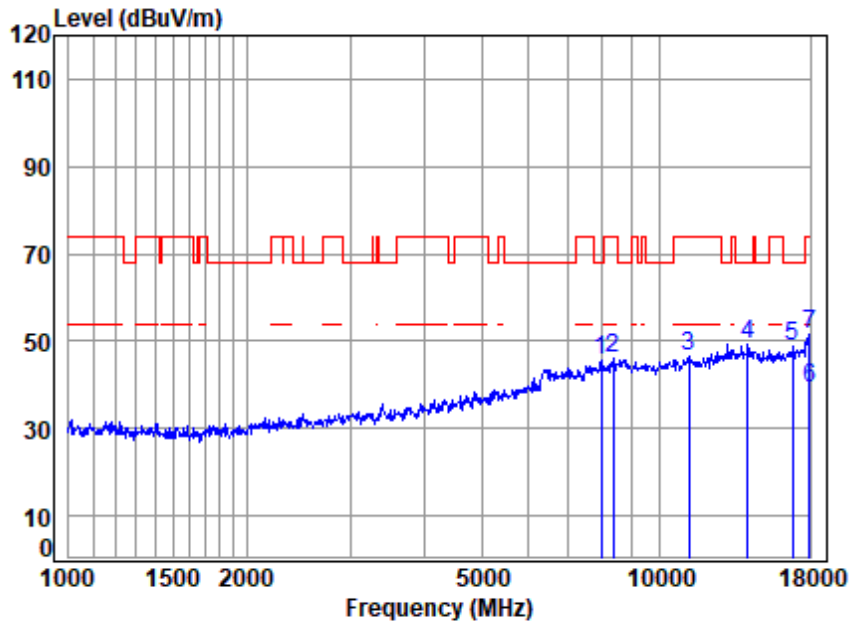
Mode : 5180 TX RSE

: 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	7920.911	11.54	37.64	56.52	52.26	44.92	68.20	-23.28	peak
2	8514.456	12.26	38.30	56.30	51.51	45.77	68.20	-22.43	peak
3	11533.480	14.92	39.60	55.33	47.86	47.05	74.00	-26.95	peak
4	pk13022.130	15.82	40.30	54.83	46.84	48.13	68.20	-20.07	peak
5	15942.300	17.22	38.66	54.01	46.04	47.91	74.00	-26.09	peak
6	pp17948.050	18.30	43.44	54.20	31.59	39.13	54.00	-14.87	Average
7	17948.050	18.30	43.44	54.20	43.99	51.53	74.00	-22.47	peak



11a_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11a

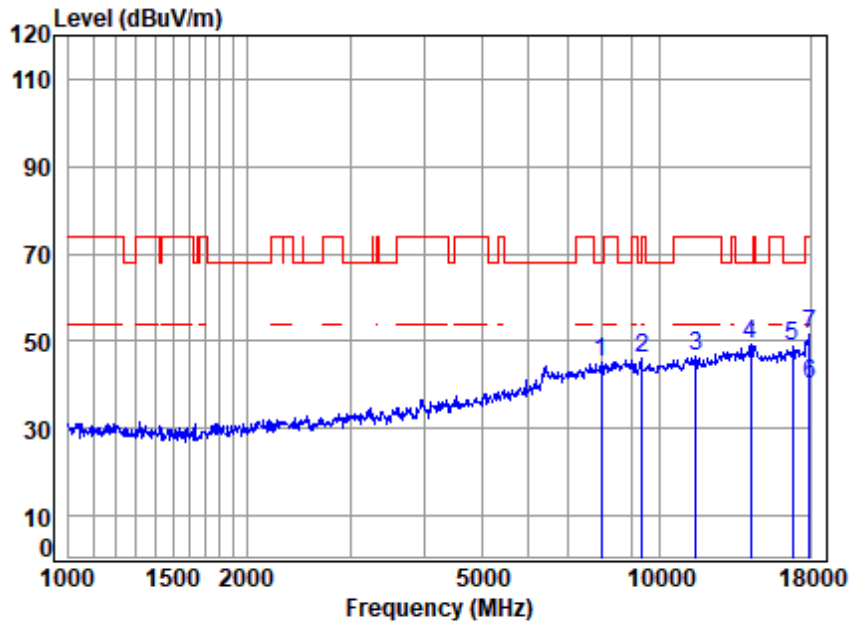
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	56.51	52.74	45.51	68.20	-22.69	peak
2	8343.918	11.70	38.60	56.37	52.15	46.08	74.00	-27.92	peak
3	11204.900	14.75	39.60	55.43	47.70	46.62	74.00	-27.38	peak
4	pk14119.830	16.45	39.88	54.45	47.29	49.17	68.20	-19.03	peak
5	16842.290	17.77	39.60	54.09	45.61	48.89	68.20	-19.31	peak
6	pp17948.050	18.30	43.44	54.20	31.86	39.40	54.00	-14.60	Average
7	17948.050	18.30	43.44	54.20	43.81	51.35	74.00	-22.65	peak



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11a_TX_CH_44_Veritical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

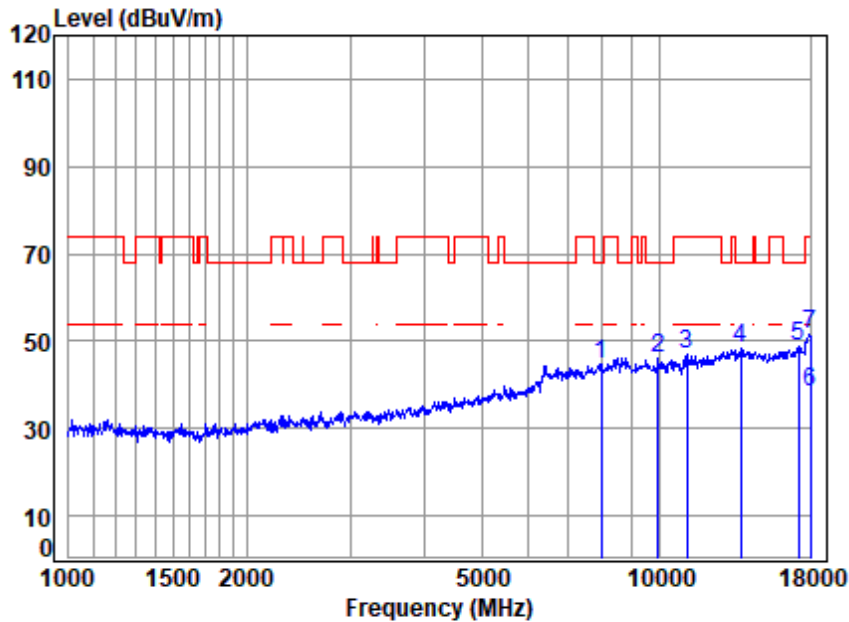
Mode : 5220 TX RSE

: 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	7989.893	11.56	37.78	56.50	52.43	45.27	68.20	-22.93	peak
2	9339.543	12.22	38.80	56.01	50.98	45.99	74.00	-28.01	peak
3	11533.480	14.92	39.60	55.33	47.16	46.35	74.00	-27.65	peak
4	pk14284.030	16.32	39.80	54.38	47.46	49.20	68.20	-19.00	peak
5	16793.680	17.47	39.59	54.08	45.78	48.76	68.20	-19.44	peak
6	pp17948.050	18.30	43.44	54.20	32.40	39.94	54.00	-14.06	Average
7	17948.050	18.30	43.44	54.20	43.82	51.36	74.00	-22.64	peak



11a_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	7989.893	11.56	37.78	56.50	51.91	44.75	68.20	-23.45	peak
2	9952.717	12.91	38.90	55.81	50.25	46.25	68.20	-21.95	peak
3	11140.310	14.70	39.54	55.44	48.34	47.14	74.00	-26.86	peak
4	13757.270	16.15	39.94	54.58	46.69	48.20	68.20	-20.00	peak
5	pk17186.530	17.91	39.89	54.12	44.91	48.59	68.20	-19.61	peak
6	pp18000.000	18.35	43.80	54.20	30.46	38.41	54.00	-15.59	Average
7	18000.000	18.35	43.80	54.20	43.71	51.66	74.00	-22.34	peak



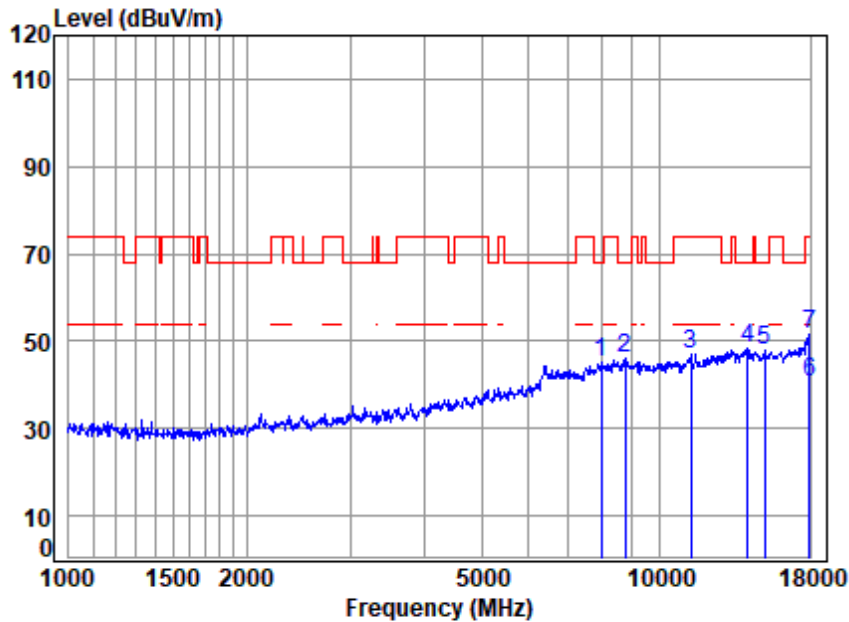
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11a_TX_CH_48_Veritical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

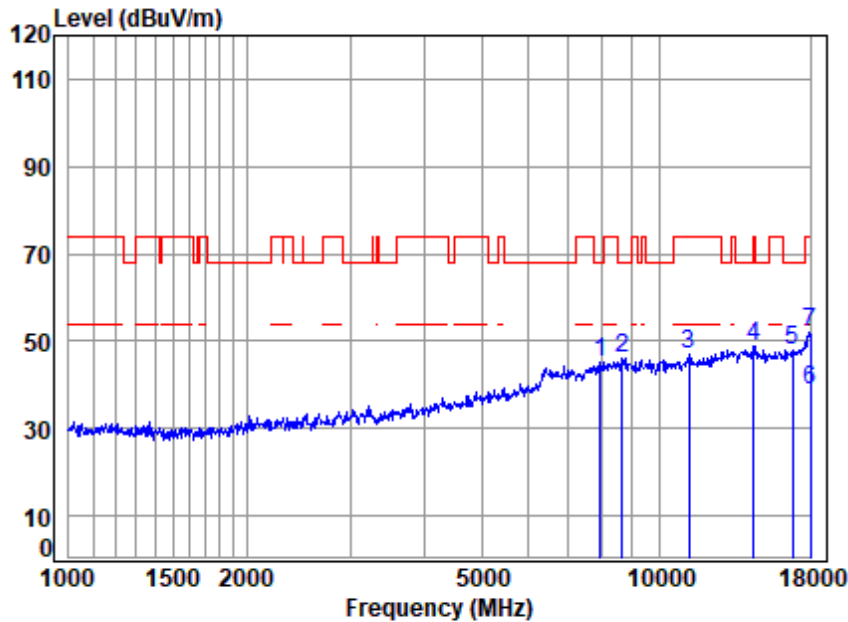
Mode : 5240 TX RSE

: 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	7989.893	11.56	37.78	56.50	52.46	45.30	68.20	-22.90	peak
2	8738.852	12.15	38.52	56.22	51.61	46.06	68.20	-22.14	peak
3	11302.480	14.63	39.70	55.40	47.94	46.87	74.00	-27.13	peak
4	pk14119.830	16.45	39.88	54.45	46.34	48.22	68.20	-19.98	peak
5	15090.400	16.70	38.71	54.09	46.76	48.08	68.20	-20.12	peak
6	pp17948.050	18.30	43.44	54.20	33.01	40.55	54.00	-13.45	Average
7	17948.050	18.30	43.44	54.20	44.21	51.75	74.00	-22.25	peak



11ax_20M_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

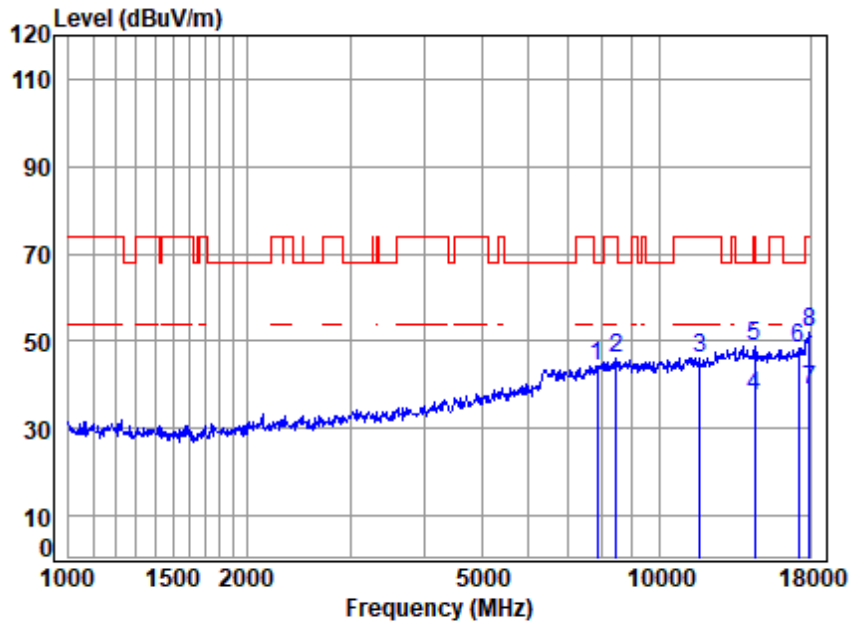
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	56.52	52.35	45.07	68.20	-23.13	peak
2	8663.404	12.04	38.45	56.25	51.88	46.12	68.20	-22.08	peak
3	11204.900	14.75	39.60	55.43	48.27	47.19	74.00	-26.81	peak
4	pk14450.130	16.98	39.55	54.32	46.74	48.95	68.20	-19.25	peak
5	16842.290	17.77	39.60	54.09	44.67	47.95	68.20	-20.25	peak
6	pp18000.000	18.35	43.80	54.20	30.97	38.92	54.00	-15.08	Average
7	18000.000	18.35	43.80	54.20	44.11	52.06	74.00	-21.94	peak



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11ax_20M_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	7852.524	11.43	37.41	56.54	52.14	44.44	68.20	-23.76	peak
2	8465.379	12.08	38.37	56.32	51.79	45.92	74.00	-28.08	peak
3	11701.380	14.73	39.50	55.28	47.34	46.29	74.00	-27.71	peak
4	14491.960	17.07	39.51	54.30	35.34	37.62	54.00	-16.38	Average
5	14491.960	17.07	39.51	54.30	46.50	48.78	74.00	-25.22	peak
6	pk17186.530	17.91	39.89	54.12	44.58	48.26	68.20	-19.94	peak
7	pp17948.050	18.30	43.44	54.20	31.31	38.85	54.00	-15.15	Average
8	17948.050	18.30	43.44	54.20	44.33	51.87	74.00	-22.13	peak



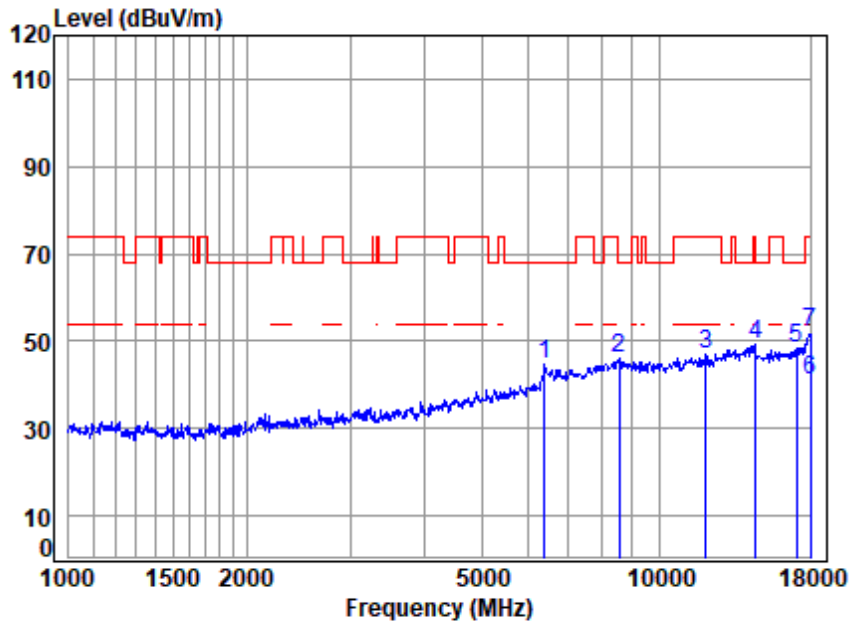
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11ax_20M_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

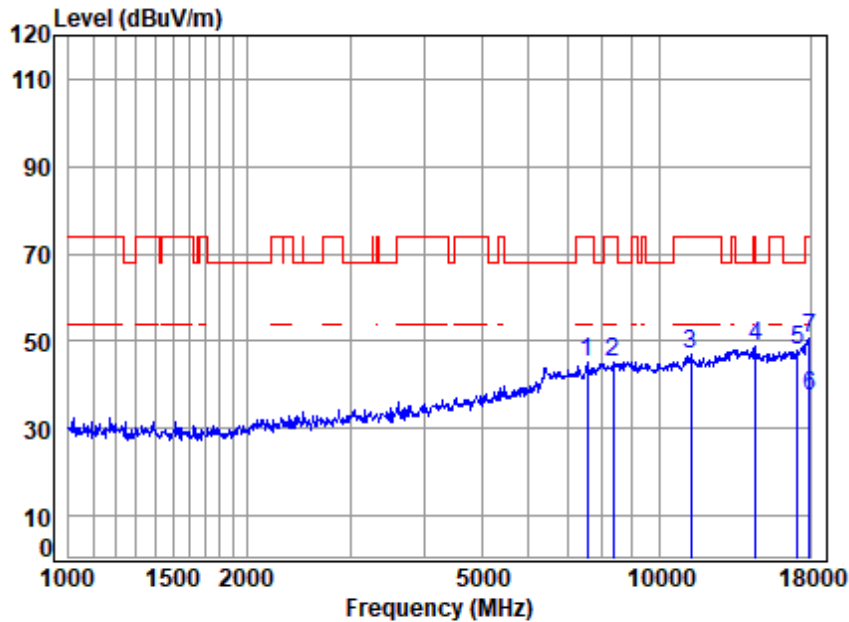
Mode : 5220 TX RSE

: 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	6395.654	13.23	34.79	56.27	52.78	44.53	68.20	-23.67	peak
2	8539.102	12.17	38.30	56.30	51.89	46.06	68.20	-22.14	peak
3	11975.100	14.65	39.78	55.21	47.85	47.07	74.00	-26.93	peak
4	pk14533.910	16.79	39.43	54.28	47.25	49.19	68.20	-19.01	peak
5	17087.460	18.42	39.79	54.11	44.47	48.57	68.20	-19.63	peak
6	pp18000.000	18.35	43.80	54.20	33.06	41.01	54.00	-12.99	Average
7	18000.000	18.35	43.80	54.20	44.18	52.13	74.00	-21.87	peak



11ax_20M_TX_CH_44_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

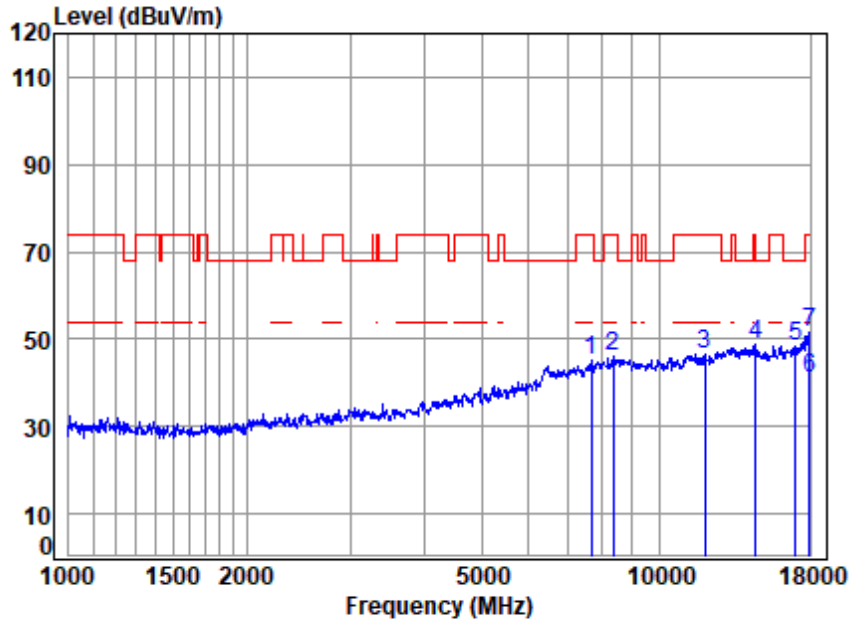
Mode : 5220 TX RSE

: 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	7541.114	11.17	36.80	56.63	53.80	45.14	74.00	-28.86	peak
2	8343.918	11.70	38.60	56.37	51.31	45.24	74.00	-28.76	peak
3	11302.480	14.63	39.70	55.40	48.06	46.99	74.00	-27.01	peak
4	pk14533.910	16.79	39.43	54.28	46.76	48.70	68.20	-19.50	peak
5	17136.920	18.23	39.84	54.12	44.13	48.08	68.20	-20.12	peak
6	pp17948.050	18.30	43.44	54.20	29.93	37.47	54.00	-16.53	Average
7	17948.050	18.30	43.44	54.20	43.32	50.86	74.00	-23.14	peak



11ax_20M_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

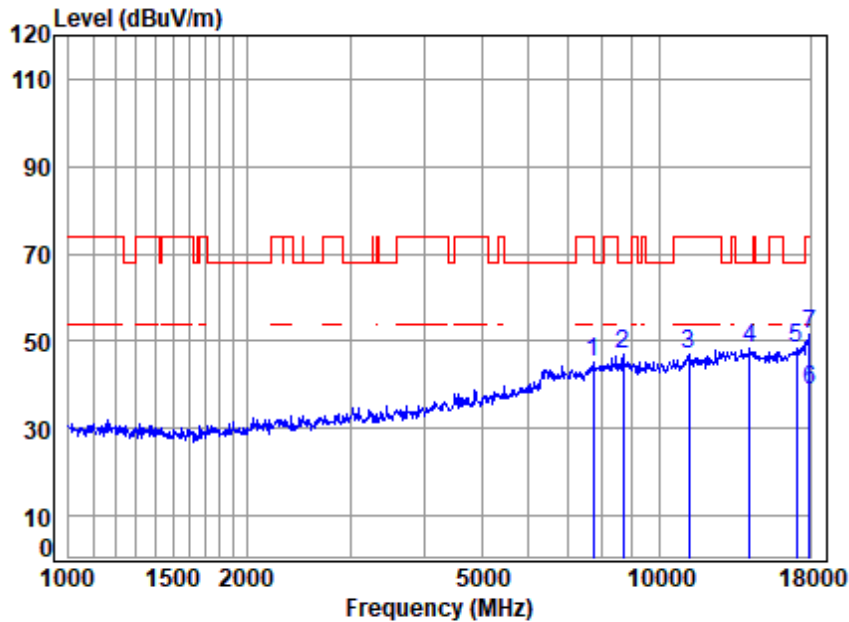
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7673.034	11.35	36.90	56.59	53.51	45.17	74.00	-28.83	peak
2	8343.918	11.70	38.60	56.37	51.96	45.89	74.00	-28.11	peak
3	11940.540	14.77	39.74	55.22	47.37	46.66	74.00	-27.34	peak
4	pk14533.910	16.79	39.43	54.28	46.70	48.64	68.20	-19.56	peak
5	17038.150	18.22	39.74	54.11	44.41	48.26	68.20	-19.94	peak
6	pp17948.050	18.30	43.44	54.20	33.30	40.84	54.00	-13.16	Average
7	17948.050	18.30	43.44	54.20	44.14	51.68	74.00	-22.32	peak



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11ax_20M_TX_CH_48_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

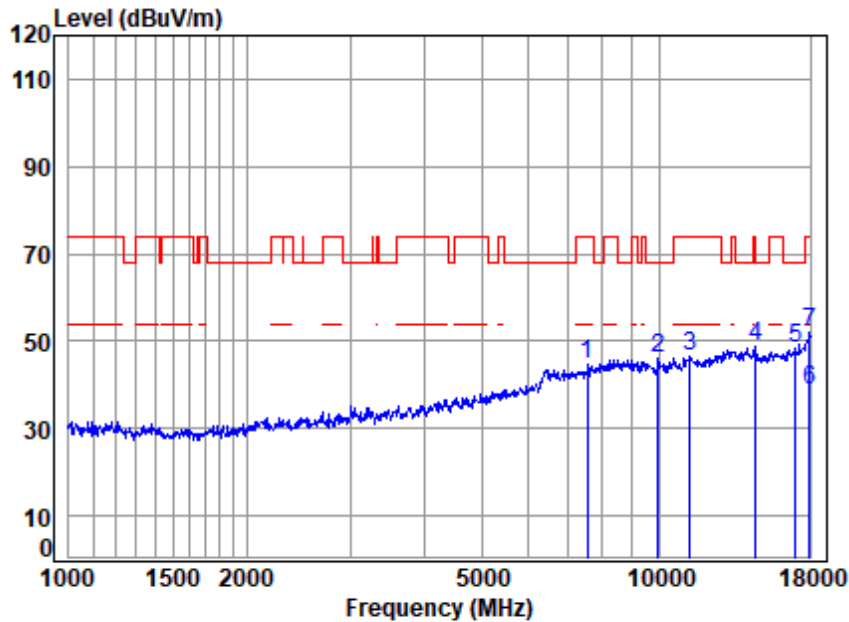
Mode : 5240 TX RSE

: 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	7717.518	11.43	36.94	56.58	53.23	45.02	74.00	-28.98	peak
2	8688.480	12.08	38.55	56.24	52.41	46.80	68.20	-21.40	peak
3	11204.900	14.75	39.60	55.43	48.09	47.01	74.00	-26.99	peak
4	pk14242.800	16.12	39.80	54.40	46.72	48.24	68.20	-19.96	peak
5	17087.460	18.42	39.79	54.11	44.08	48.18	68.20	-20.02	peak
6	pp17948.050	18.30	43.44	54.20	31.47	39.01	54.00	-14.99	Average
7	17948.050	18.30	43.44	54.20	43.84	51.38	74.00	-22.62	peak



11a_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

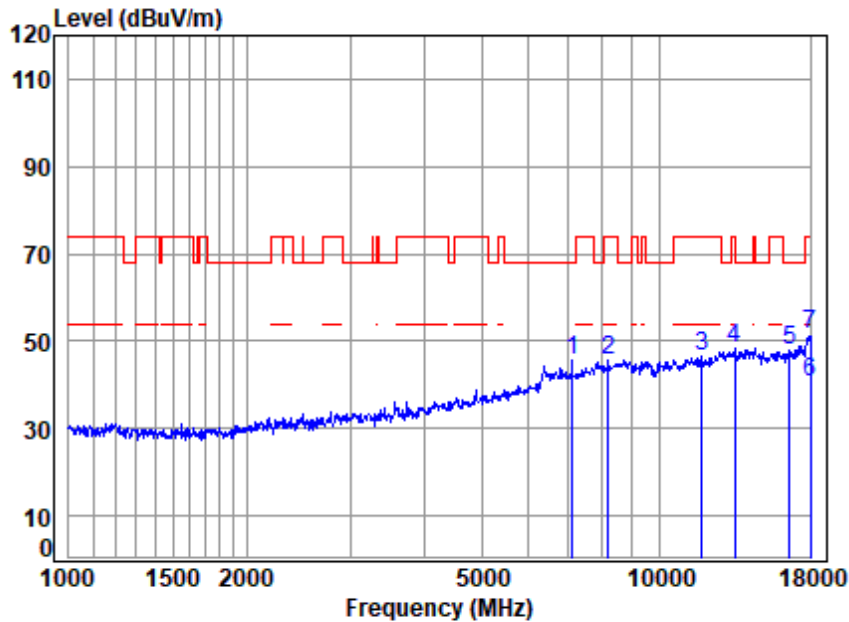
Mode : 5260 TX RSE

: 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	7562.942	11.14	36.80	56.63	53.45	44.76	74.00	-29.24	peak
2	9952.717	12.91	38.90	55.81	50.16	46.16	68.20	-22.04	peak
3	11269.860	14.68	39.67	55.41	47.46	46.40	74.00	-27.60	peak
4	pk14533.910	16.79	39.43	54.28	46.71	48.65	68.20	-19.55	peak
5	17038.150	18.22	39.74	54.11	44.29	48.14	68.20	-20.06	peak
6	pp17948.050	18.30	43.44	54.20	31.06	38.60	54.00	-15.40	Average
7	17948.050	18.30	43.44	54.20	44.52	52.06	74.00	-21.94	peak



11a_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

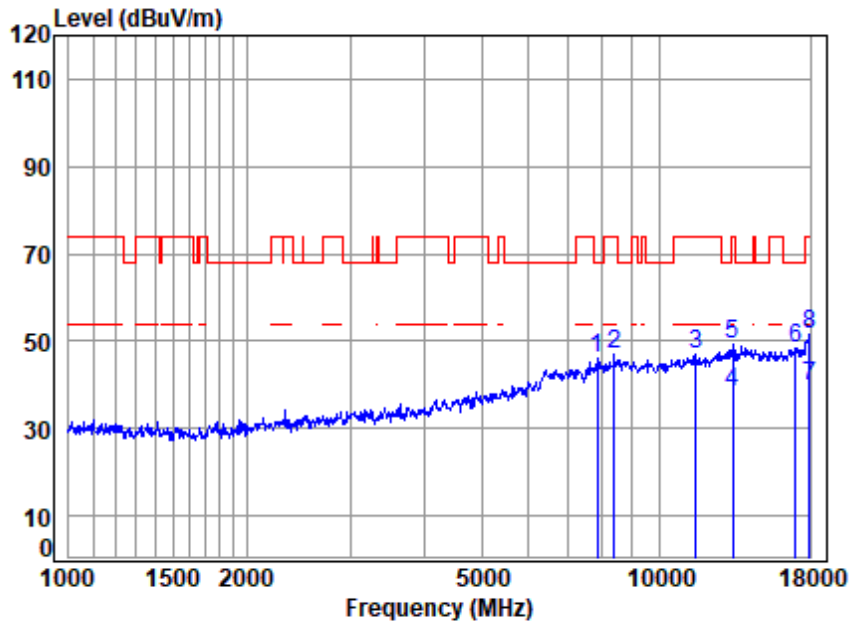
Mode : 5260 TX RSE

: 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	7117.542	11.91	36.44	56.76	53.91	45.50	68.20	-22.70 peak
2	8200.463	11.57	38.00	56.42	52.54	45.69	74.00	-28.31 peak
3	11803.280	14.60	39.60	55.25	47.59	46.54	74.00	-27.46 peak
4	pk13404.010	15.91	40.29	54.70	47.00	48.50	68.20	-19.70 peak
5	16600.640	17.65	39.20	54.06	45.24	48.03	68.20	-20.17 peak
6	pp18000.000	18.35	43.80	54.20	32.82	40.77	54.00	-13.23 Average
7	18000.000	18.35	43.80	54.20	43.52	51.47	74.00	-22.53 peak



11a_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

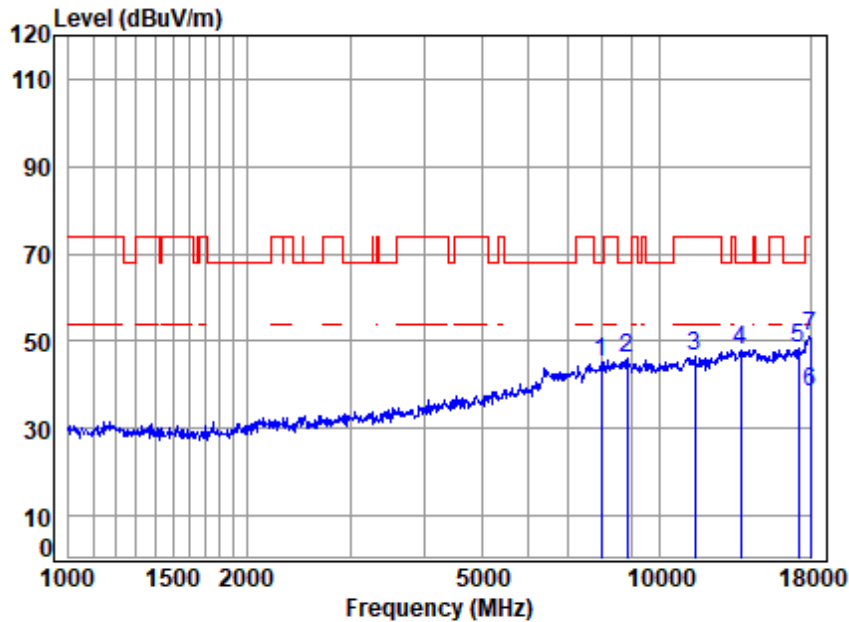
Mode : 5300 TX RSE

: 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	7852.524	11.43	37.41	56.54	53.82	46.12	68.20	-22.08	peak
2	8392.292	11.64	38.62	56.35	53.00	46.91	74.00	-27.09	peak
3	11533.480	14.92	39.60	55.33	47.59	46.78	74.00	-27.22	peak
4	13326.750	16.37	40.30	54.72	36.51	38.46	54.00	-15.54	Average
5	13326.750	16.37	40.30	54.72	47.46	49.41	74.00	-24.59	peak
6	pk17038.150	18.22	39.74	54.11	44.62	48.47	68.20	-19.73	peak
7	pp17948.050	18.30	43.44	54.20	32.05	39.59	54.00	-14.41	Average
8	17948.050	18.30	43.44	54.20	44.18	51.72	74.00	-22.28	peak



11a_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	7966.832	11.55	37.73	56.51	52.45	45.22	68.20	-22.98	peak
2	8814.957	12.25	38.50	56.20	51.40	45.95	68.20	-22.25	peak
3	11467.000	14.77	39.63	55.35	47.52	46.57	74.00	-27.43	peak
4	13717.560	16.33	39.98	54.59	46.27	47.99	68.20	-20.21	peak
5	pk17186.530	17.91	39.89	54.12	44.78	48.46	68.20	-19.74	peak
6	pp18000.000	18.35	43.80	54.20	30.44	38.39	54.00	-15.61	Average
7	18000.000	18.35	43.80	54.20	43.03	50.98	74.00	-23.02	peak



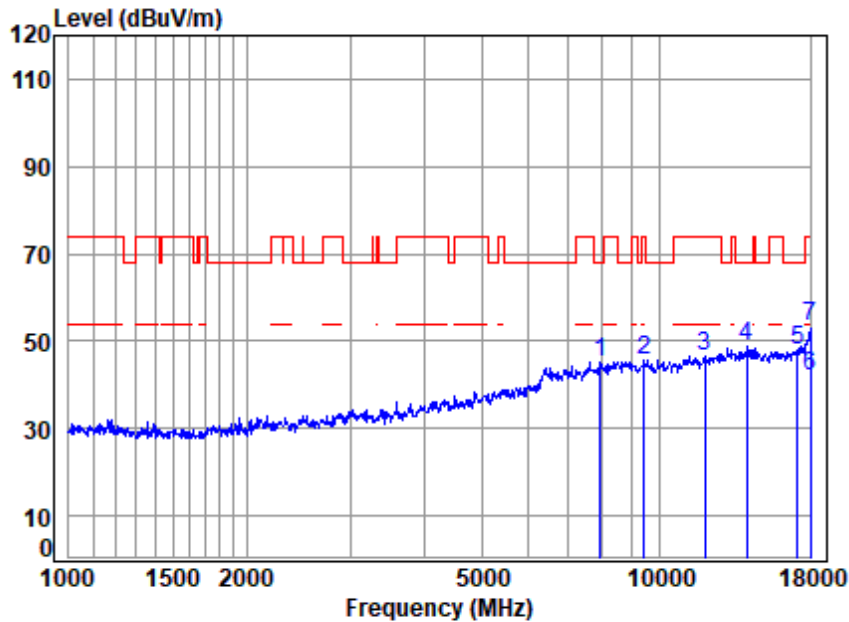
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11a_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

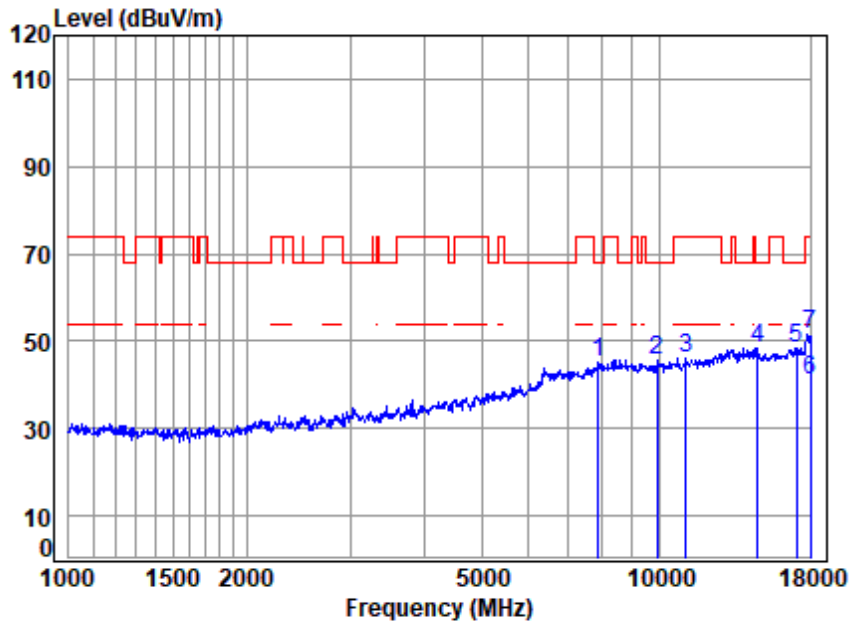
Mode : 5320 TX RSE

: 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	7943.838	11.55	37.69	56.52	52.66	45.38	68.20	-22.82	peak
2	9420.880	12.35	38.80	55.99	50.29	45.45	74.00	-28.55	peak
3	11940.540	14.77	39.74	55.22	47.19	46.48	74.00	-27.52	peak
4	pk14079.080	16.56	39.90	54.47	46.62	48.61	68.20	-19.59	peak
5	17136.920	18.23	39.84	54.12	43.98	47.93	68.20	-20.27	peak
6	pp18000.000	18.35	43.80	54.20	33.97	41.92	54.00	-12.08	Average
7	18000.000	18.35	43.80	54.20	45.31	53.26	74.00	-20.74	peak



11a_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	7875.254	11.48	37.50	56.54	52.58	45.02	68.20	-23.18	peak
2	9895.349	12.81	38.80	55.83	49.93	45.71	68.20	-22.49	peak
3	11076.100	14.54	39.48	55.46	47.33	45.89	74.00	-28.11	peak
4	pk14660.480	16.37	39.24	54.23	47.10	48.48	68.20	-19.72	peak
5	17087.460	18.42	39.79	54.11	44.09	48.19	68.20	-20.01	peak
6	pp18000.000	18.35	43.80	54.20	33.05	41.00	54.00	-13.00	Average
7	18000.000	18.35	43.80	54.20	43.57	51.52	74.00	-22.48	peak



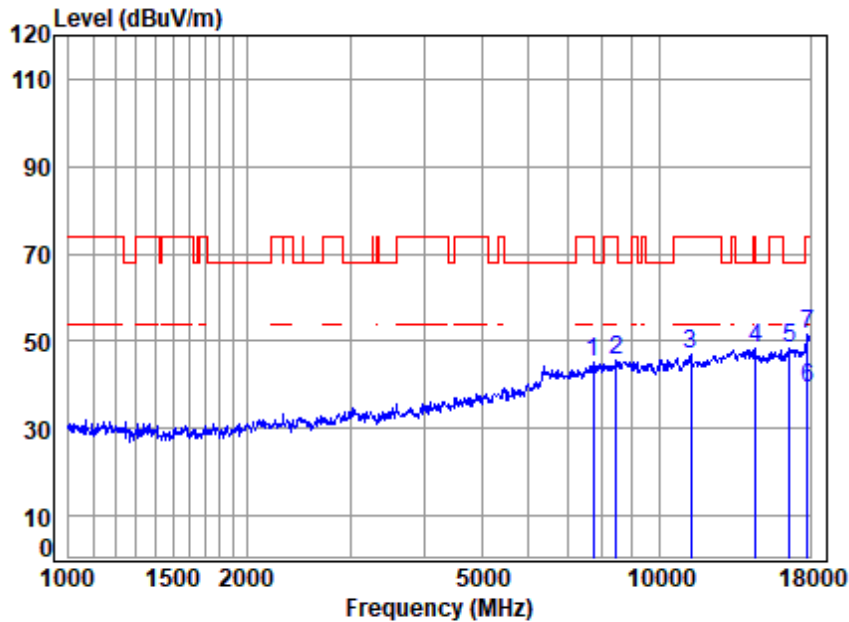
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11ax_20M_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

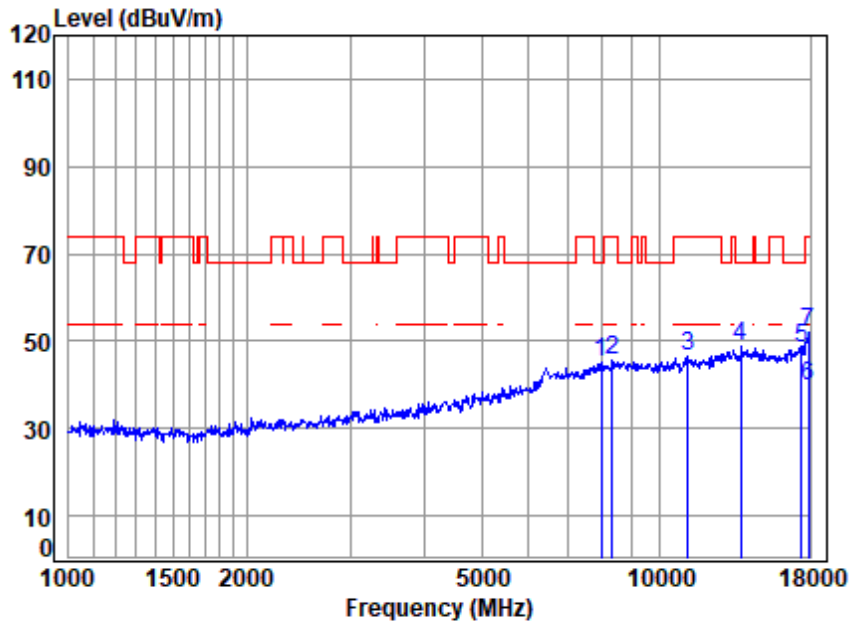
Mode : 5260 TX RSE

: 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	7717.518	11.43	36.94	56.58	53.23	45.02	74.00	-28.98	peak
2	8465.379	12.08	38.37	56.32	51.38	45.51	74.00	-28.49	peak
3	11302.480	14.63	39.70	55.40	48.01	46.94	74.00	-27.06	peak
4	pk14533.910	16.79	39.43	54.28	46.51	48.45	68.20	-19.75	peak
5	16600.640	17.65	39.20	54.06	45.47	48.26	68.20	-19.94	peak
6	pp17793.090	18.18	42.45	54.18	32.58	39.03	54.00	-14.97	Average
7	17793.090	18.18	42.45	54.18	45.25	51.70	74.00	-22.30	peak



11ax_20M_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

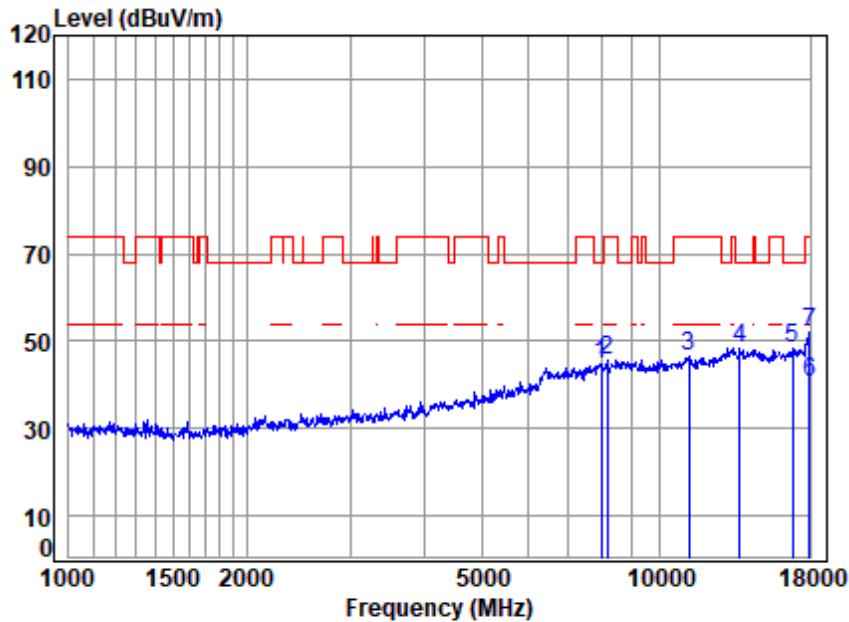
Mode : 5260 TX RSE

: 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	7989.893	11.56	37.78	56.50	52.14	44.98	68.20	-23.22 peak
2	8319.836	11.73	38.22	56.38	52.14	45.71	74.00	-28.29 peak
3	11172.560	14.73	39.57	55.44	47.53	46.39	74.00	-27.61 peak
4	pk13757.270	16.15	39.94	54.58	47.38	48.89	68.20	-19.31 peak
5	17386.380	17.99	40.37	54.14	44.23	48.45	68.20	-19.75 Peak
6	pp17896.250	18.25	43.08	54.19	32.76	39.90	54.00	-14.10 Average
7	17896.250	18.25	43.08	54.19	44.85	51.99	74.00	-22.01 peak



11ax_20M_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	7966.832	11.55	37.73	56.51	51.95	44.72	68.20	-23.48	peak
2	8153.195	11.51	37.91	56.44	52.68	45.66	74.00	-28.34	peak
3	11204.900	14.75	39.60	55.43	47.72	46.64	74.00	-27.36	peak
4	pk13677.970	16.27	40.00	54.61	46.76	48.42	68.20	-19.78	peak
5	16842.290	17.77	39.60	54.09	44.88	48.16	68.20	-20.04	peak
6	pp17948.050	18.30	43.44	54.20	33.14	40.68	54.00	-13.32	Average
7	17948.050	18.30	43.44	54.20	44.64	52.18	74.00	-21.82	peak



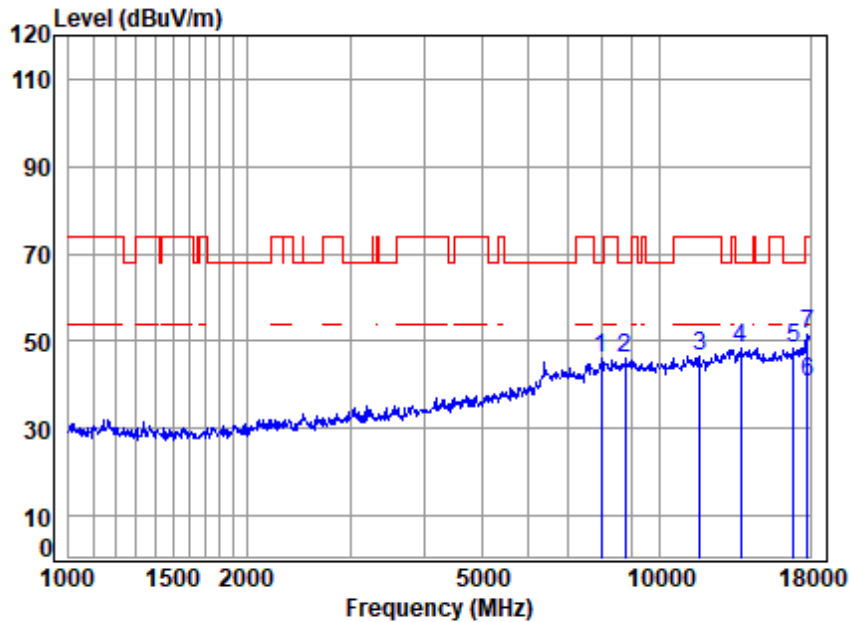
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11ax_20M_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

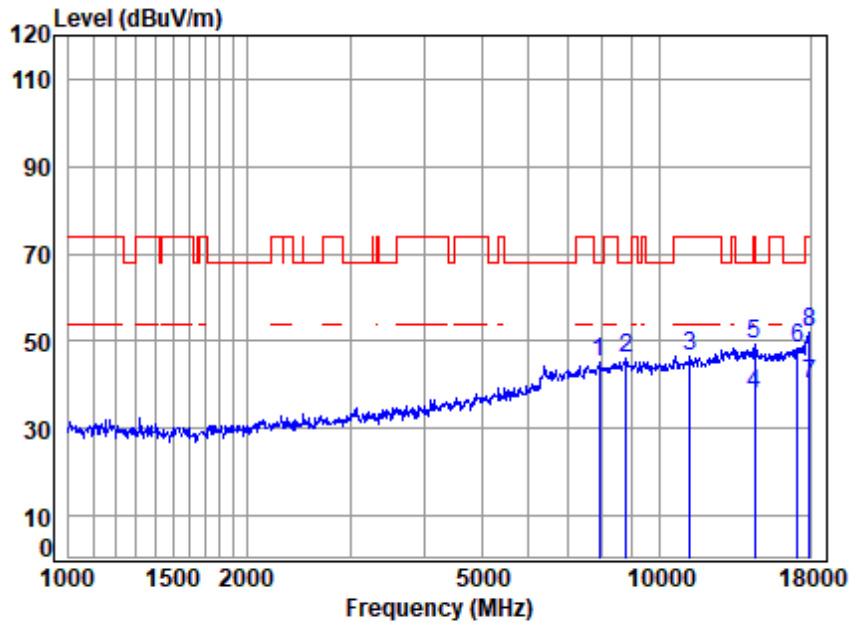
Mode : 5300 TX RSE

: 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	7989.893	11.56	37.78	56.50	53.05	45.89	68.20	-22.31 peak
2	8764.146	12.19	38.50	56.21	51.44	45.92	68.20	-22.28 peak
3	11701.380	14.73	39.50	55.28	47.64	46.59	74.00	-27.41 peak
4	pk13717.560	16.33	39.98	54.59	46.81	48.53	68.20	-19.67 peak
5	16891.040	18.12	39.60	54.09	44.57	48.20	68.20	-20.00 peak
6	pp17793.090	18.18	42.45	54.18	34.03	40.48	54.00	-13.52 Average
7	17793.090	18.18	42.45	54.18	45.08	51.53	74.00	-22.47 peak



11ax_20M_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

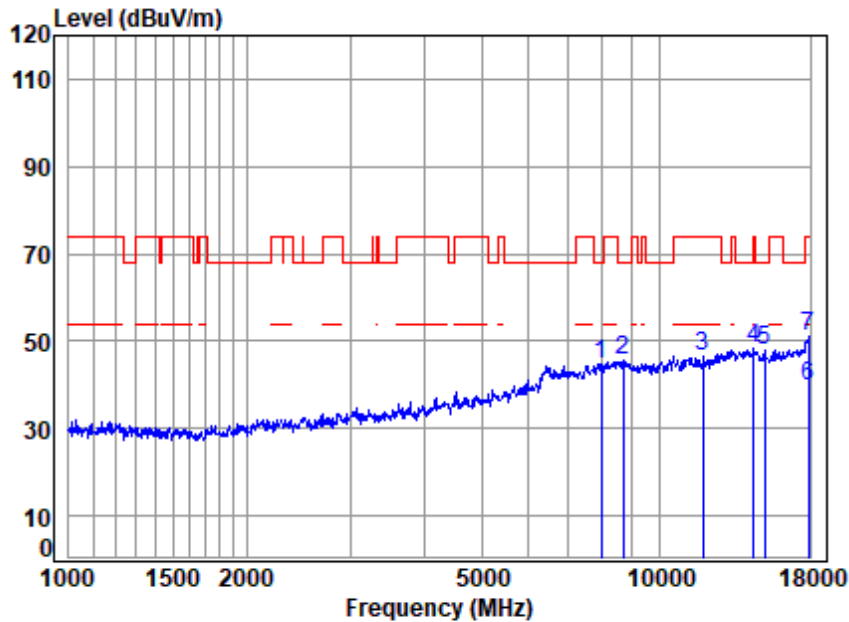
Mode : 5320 TX RSE

: 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	7898.049	11.54	37.59	56.53	52.45	45.05	68.20	-23.15	peak
2	8789.516	12.23	38.50	56.20	51.34	45.87	68.20	-22.33	peak
3	11269.860	14.68	39.67	55.41	47.71	46.65	74.00	-27.35	peak
4	14491.960	17.07	39.51	54.30	35.37	37.65	54.00	-16.35	Average
5	14491.960	17.07	39.51	54.30	47.12	49.40	74.00	-24.60	peak
6	pk17136.920	18.23	39.84	54.12	44.33	48.28	68.20	-19.92	peak
7	pp17948.050	18.30	43.44	54.20	32.83	40.37	54.00	-13.63	Average
8	17948.050	18.30	43.44	54.20	44.65	52.19	74.00	-21.81	peak



11ax_20M_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

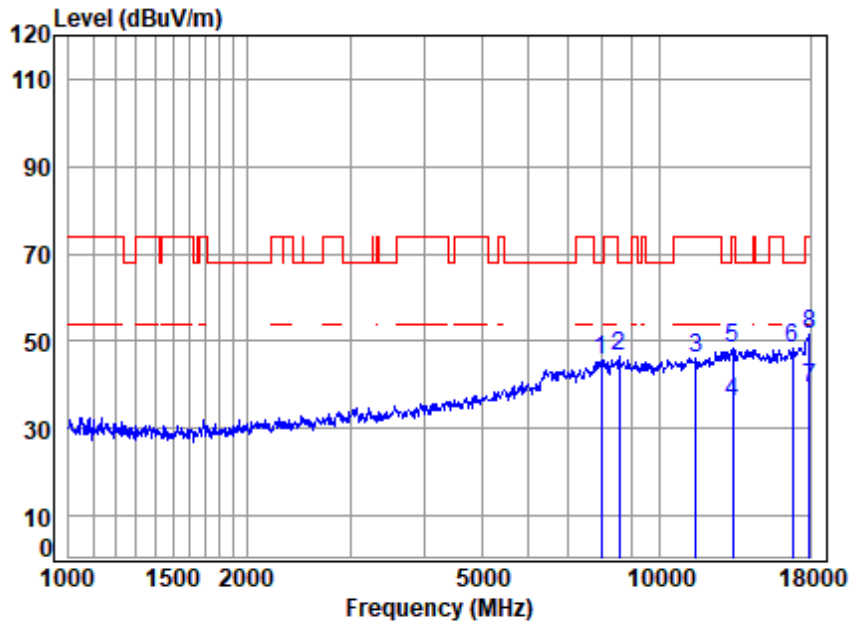
Mode : 5320 TX RSE

: 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	7989.893	11.56	37.78	56.50	51.88	44.72	68.20	-23.48	peak
2	8688.480	12.08	38.55	56.24	51.14	45.53	68.20	-22.67	peak
3	11871.710	14.82	39.67	55.24	47.18	46.43	74.00	-27.57	peak
4	pk14450.130	16.98	39.55	54.32	46.03	48.24	68.20	-19.96	peak
5	15090.400	16.70	38.71	54.09	46.77	48.09	68.20	-20.11	peak
6	pp17896.250	18.25	43.08	54.19	32.59	39.73	54.00	-14.27	Average
7	17896.250	18.25	43.08	54.19	44.04	51.18	74.00	-22.82	peak



11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

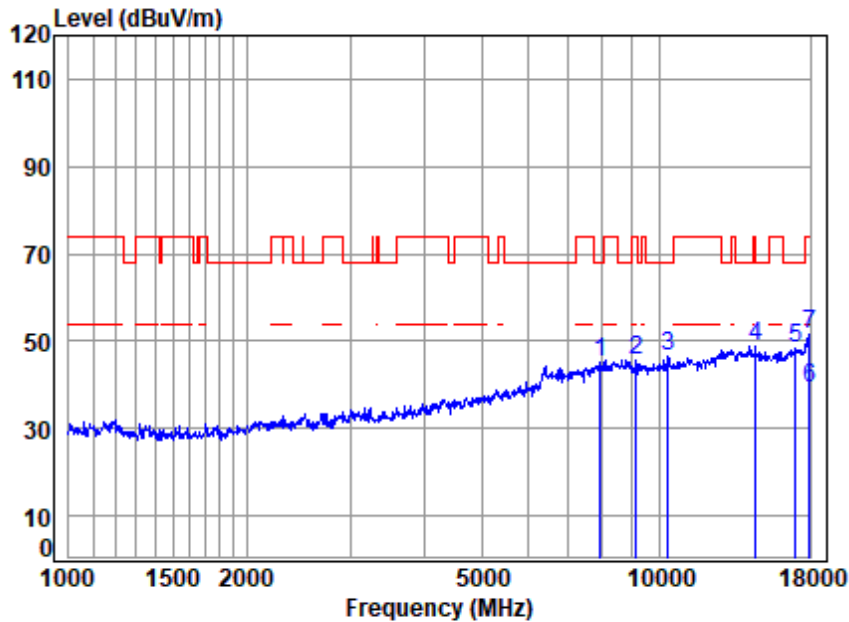
Mode : 5500 TX RSE

: 5G Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	56.51	52.83	45.60	68.20	-22.60	peak
2	8563.818	12.09	38.36	56.29	52.45	46.61	68.20	-21.59	peak
3	11533.480	14.92	39.60	55.33	46.95	46.14	74.00	-27.86	peak
4	13326.750	16.37	40.30	54.72	34.03	35.98	54.00	-18.02	Average
5	13326.750	16.37	40.30	54.72	46.38	48.33	74.00	-25.67	peak
6	pk16793.680	17.47	39.59	54.08	45.25	48.23	68.20	-19.97	peak
7	pp17948.050	18.30	43.44	54.20	31.92	39.46	54.00	-14.54	Average
8	17948.050	18.30	43.44	54.20	43.84	51.38	74.00	-22.62	peak



11a_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

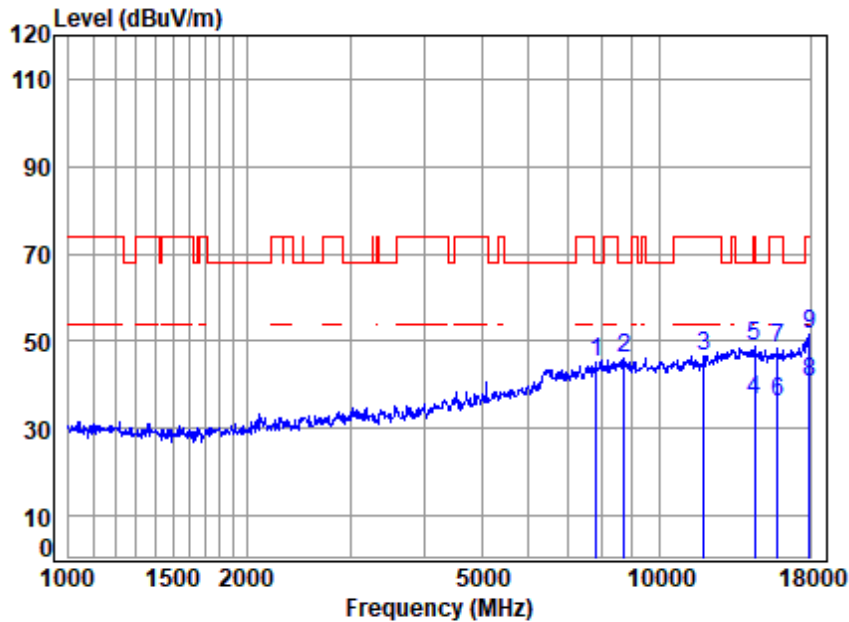
Mode : 5500 TX RSE

: 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	7943.838	11.55	37.69	56.52	52.43	45.15	68.20	-23.05	peak
2	9152.479	12.23	38.65	56.08	50.95	45.75	74.00	-28.25	peak
3	10363.710	13.61	39.00	55.68	49.64	46.57	68.20	-21.63	peak
4	pk14533.910	16.79	39.43	54.28	47.09	49.03	68.20	-19.17	peak
5	17038.150	18.22	39.74	54.11	44.65	48.50	68.20	-19.70	peak
6	pp17948.050	18.30	43.44	54.20	31.52	39.06	54.00	-14.94	Average
7	17948.050	18.30	43.44	54.20	44.20	51.74	74.00	-22.26	peak



11a_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5580 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	7807.262	11.33	37.23	56.55	53.12	45.13	68.20	-23.07	peak
2	pk 8713.630	12.11	38.57	56.23	51.78	46.23	68.20	-21.97	peak
3	11906.070	14.89	39.71	55.23	47.37	46.74	74.00	-27.26	peak
4	14491.960	17.07	39.51	54.30	34.38	36.66	54.00	-17.34	Average
5	14491.960	17.07	39.51	54.30	46.43	48.71	74.00	-25.29	peak
6	15850.410	17.16	38.60	54.01	34.21	35.96	54.00	-18.04	Average
7	15850.410	17.16	38.60	54.01	46.39	48.14	74.00	-25.86	peak
8	pp17948.050	18.30	43.44	54.20	32.95	40.49	54.00	-13.51	Average
9	17948.050	18.30	43.44	54.20	44.17	51.71	74.00	-22.29	peak



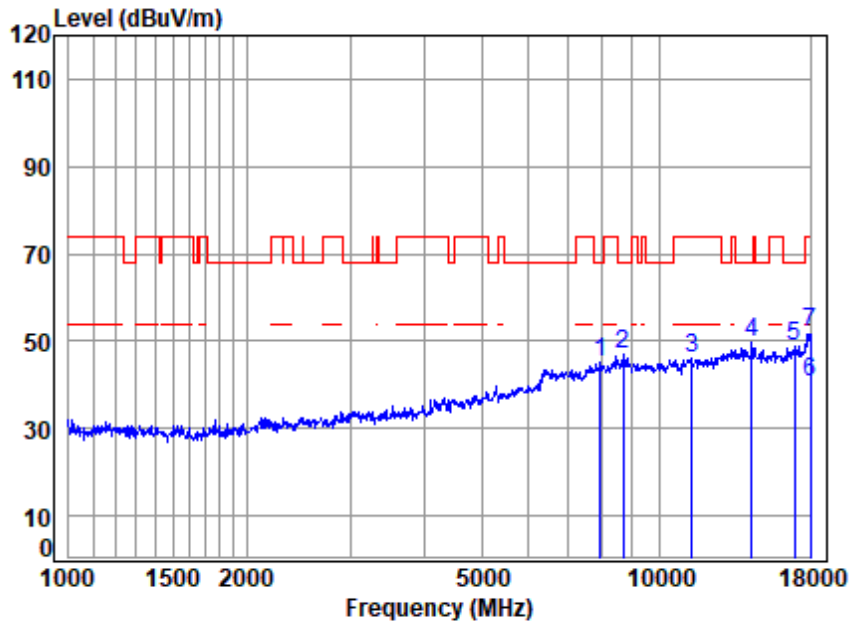
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11a_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5580 TX RSE

: 5G Wi-Fi 11a

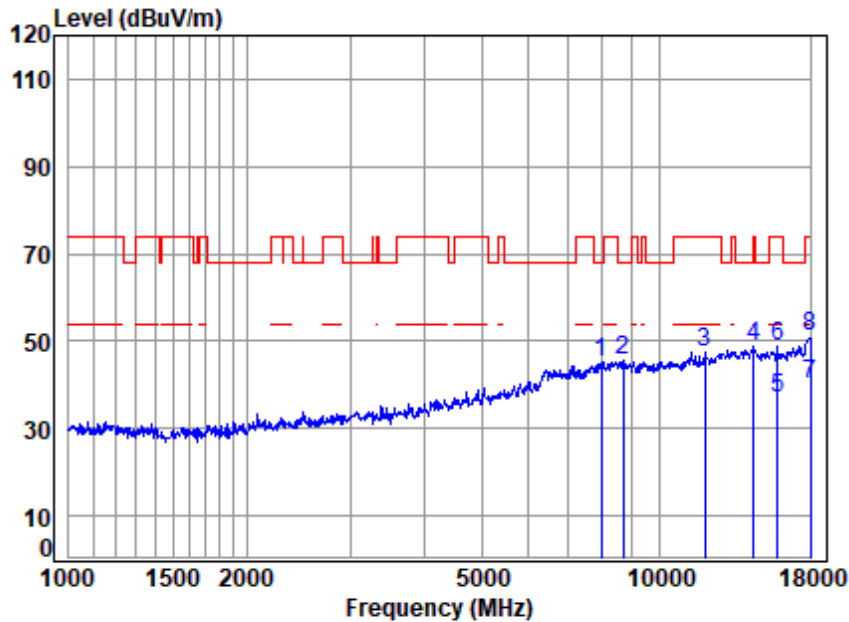
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7943.838	11.55	37.69	56.52	52.41	45.13	68.20	-23.07	peak
2	8688.480	12.08	38.55	56.24	52.42	46.81	68.20	-21.39	peak
3	11335.190	14.49	39.70	55.39	47.25	46.05	74.00	-27.95	peak
4	pk14325.370	16.51	39.75	54.37	47.97	49.86	68.20	-18.34	peak
5	16939.940	18.14	39.64	54.10	45.27	48.95	68.20	-19.25	peak
6	pp18000.000	18.35	43.80	54.20	32.71	40.66	54.00	-13.34	Average
7	18000.000	18.35	43.80	54.20	43.88	51.83	74.00	-22.17	peak



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11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11a

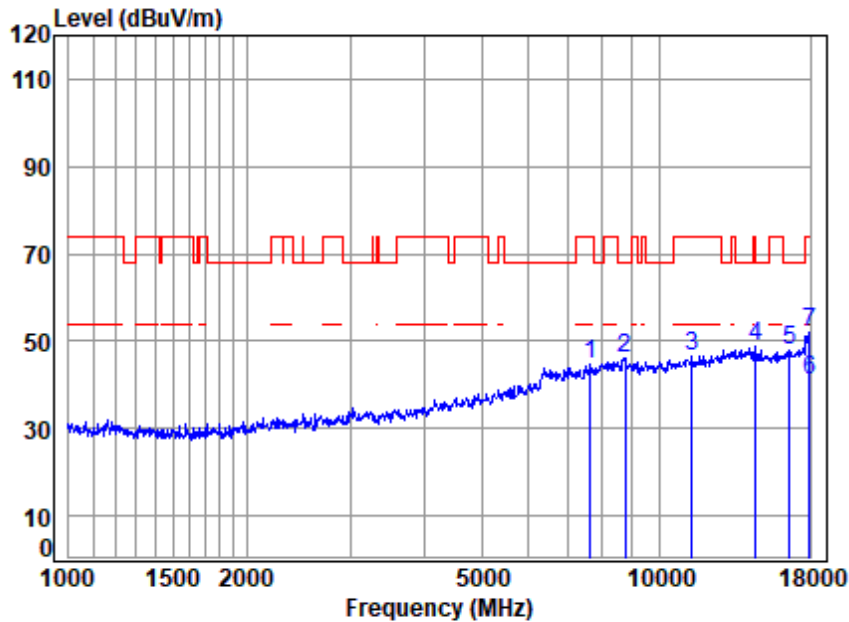
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7966.832	11.55	37.73	56.51	52.42	45.19	68.20	-23.01	peak
2	8688.480	12.08	38.55	56.24	51.24	45.63	68.20	-22.57	peak
3	11940.540	14.77	39.74	55.22	48.37	47.66	74.00	-26.34	peak
4	pk14450.130	16.98	39.55	54.32	46.53	48.74	68.20	-19.46	peak
5	15850.410	17.16	38.60	54.01	35.06	36.81	54.00	-17.19	Average
6	15850.410	17.16	38.60	54.01	46.97	48.72	74.00	-25.28	peak
7	pp18000.000	18.35	43.80	54.20	32.16	40.11	54.00	-13.89	Average
8	18000.000	18.35	43.80	54.20	43.02	50.97	74.00	-23.03	peak



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11a_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

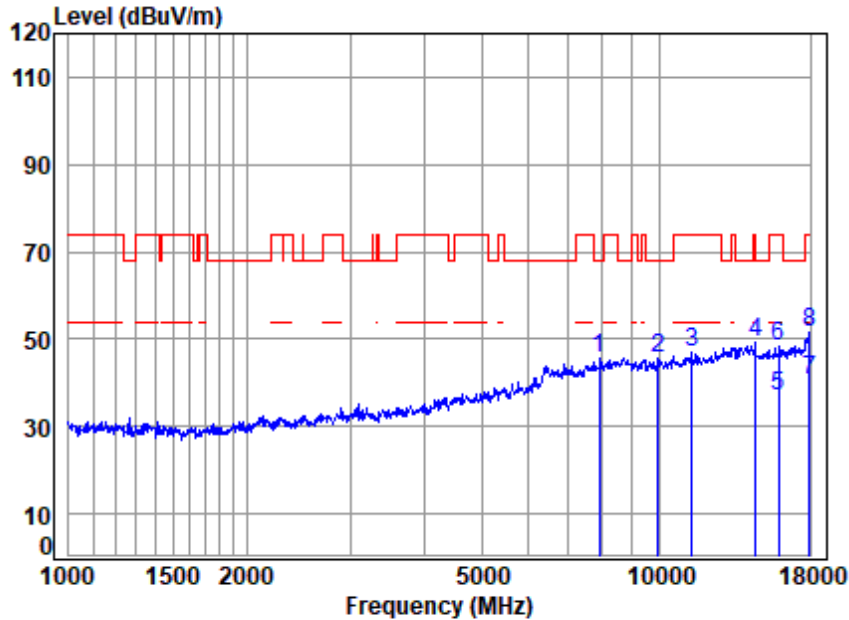
Mode : 5700 TX RSE

: 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	7628.806	11.19	36.86	56.61	53.34	44.78	74.00	-29.22	peak
2	8764.146	12.19	38.50	56.21	51.72	46.20	68.20	-22.00	peak
3	11368.000	14.35	39.70	55.38	47.67	46.34	74.00	-27.66	peak
4	pk14575.970	16.41	39.35	54.27	47.14	48.63	68.20	-19.57	peak
5	16600.640	17.65	39.20	54.06	45.27	48.06	68.20	-20.14	peak
6	pp17948.050	18.30	43.44	54.20	33.44	40.98	54.00	-13.02	Average
7	17948.050	18.30	43.44	54.20	44.57	52.11	74.00	-21.89	peak



11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

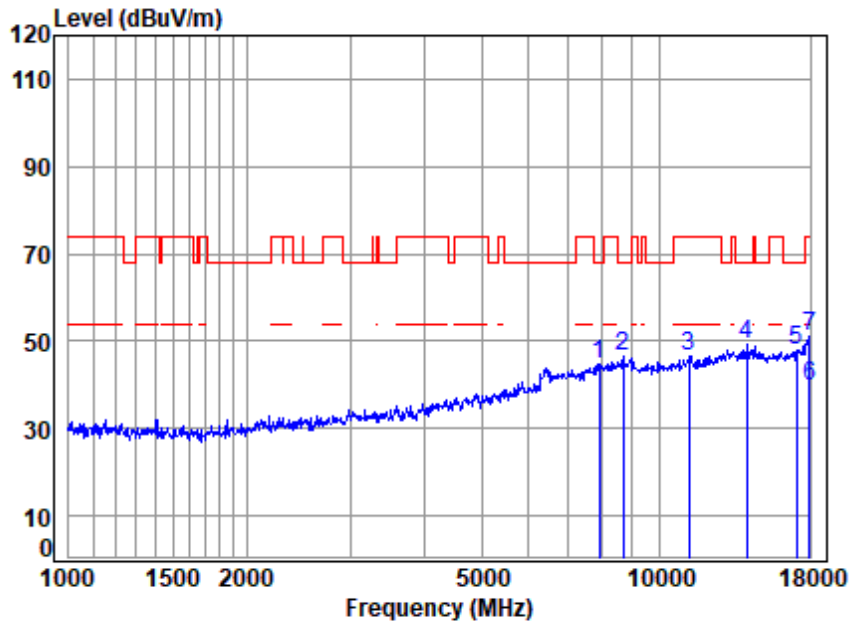
Mode : 5500 TX RSE

: 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	7920.911	11.54	37.64	56.52	52.91	45.57	68.20	-22.63	peak
2	9952.717	12.91	38.90	55.81	49.77	45.77	68.20	-22.43	peak
3	11368.000	14.35	39.70	55.38	48.16	46.83	74.00	-27.17	peak
4	pk14533.910	16.79	39.43	54.28	47.28	49.22	68.20	-18.98	peak
5	15942.300	17.22	38.66	54.01	34.93	36.80	54.00	-17.20	Average
6	15942.300	17.22	38.66	54.01	46.45	48.32	74.00	-25.68	peak
7	pp17948.050	18.30	43.44	54.20	32.94	40.48	54.00	-13.52	Average
8	17948.050	18.30	43.44	54.20	43.98	51.52	74.00	-22.48	peak



11ax_20M_TX_CH_100_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

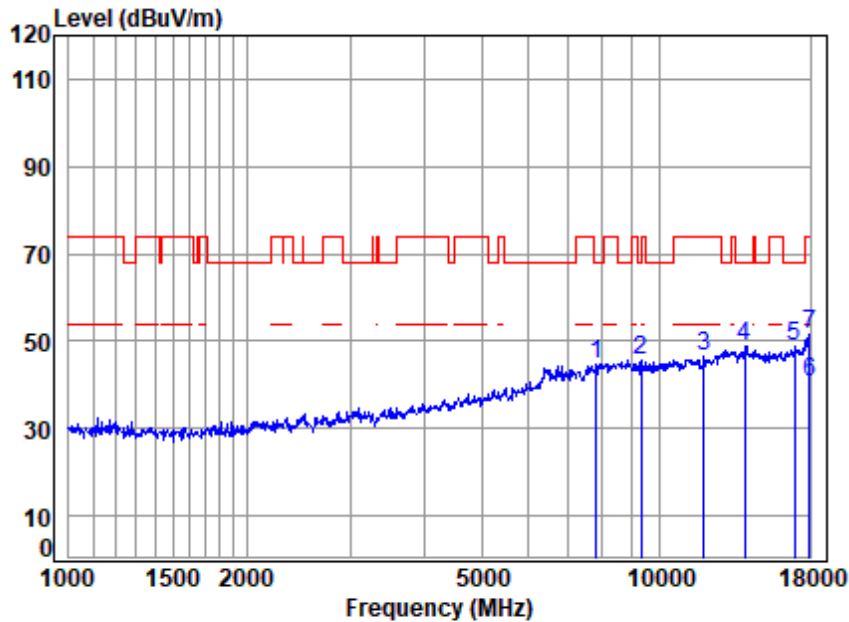
Mode : 5500 TX RSE

: 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	7898.049	11.54	37.59	56.53	52.00	44.60	68.20	-23.60	peak
2	8688.480	12.08	38.55	56.24	51.93	46.32	68.20	-21.88	peak
3	11237.330	14.72	39.64	55.42	47.82	46.76	74.00	-27.24	peak
4	pk14038.450	16.51	39.90	54.48	47.24	49.17	68.20	-19.03	peak
5	17087.460	18.42	39.79	54.11	43.96	48.06	68.20	-20.14	peak
6	pp17948.050	18.30	43.44	54.20	32.24	39.78	54.00	-14.22	Average
7	17948.050	18.30	43.44	54.20	43.44	50.98	74.00	-23.02	peak



11ax_20M_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

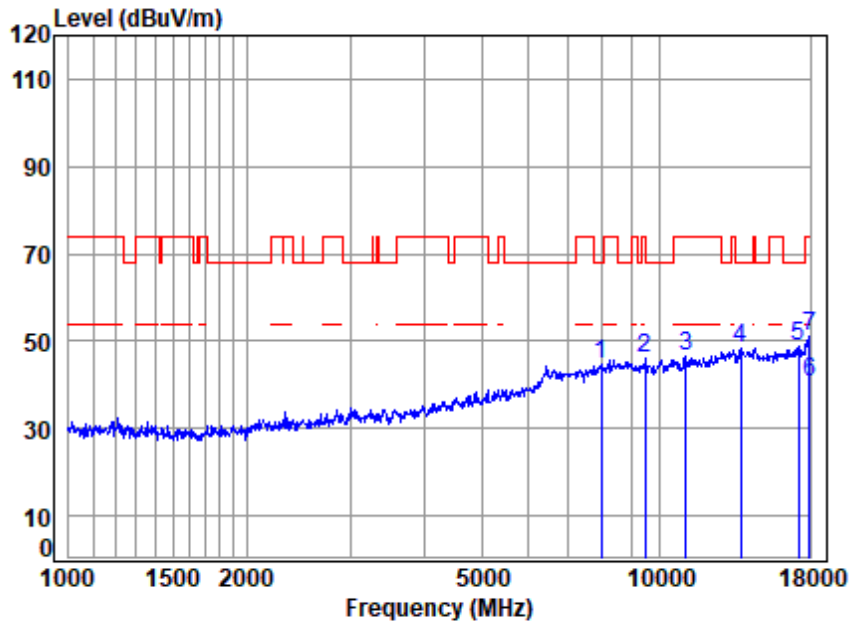
Mode : 5580 TX RSE

: 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	7807.262	11.33	37.23	56.55	52.62	44.63	68.20	-23.57	peak
2	9312.588	12.19	38.80	56.02	50.85	45.82	74.00	-28.18	peak
3	11906.070	14.89	39.71	55.23	46.95	46.32	74.00	-27.68	peak
4	13957.530	16.25	39.90	54.51	47.11	48.75	68.20	-19.45	peak
5	pk16939.940	18.14	39.64	54.10	45.11	48.79	68.20	-19.41	peak
6	pp17948.050	18.30	43.44	54.20	33.01	40.55	54.00	-13.45	Average
7	17948.050	18.30	43.44	54.20	44.19	51.73	74.00	-22.27	peak



11ax_20M_TX_CH_116_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

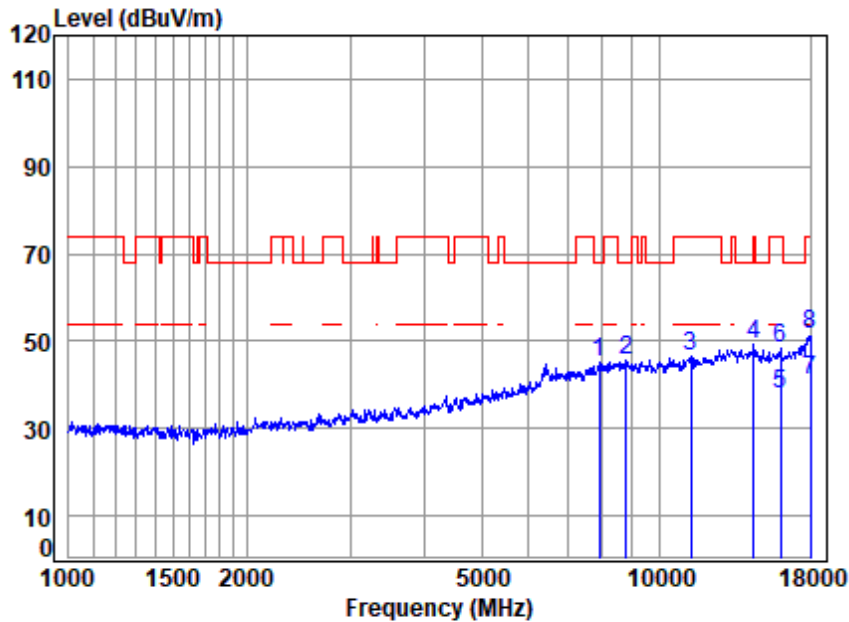
Mode : 5580 TX RSE

: 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	7966.832	11.55	37.73	56.51	51.79	44.56	68.20	-23.64	peak
2	9448.149	12.43	38.80	55.98	50.70	45.95	74.00	-28.05	peak
3	11108.160	14.67	39.51	55.45	47.59	46.32	74.00	-27.68	peak
4	13717.560	16.33	39.98	54.59	46.57	48.29	68.20	-19.91	peak
5	pk17236.280	17.83	40.01	54.13	44.94	48.65	68.20	-19.55	Peak
6	pp17948.050	18.30	43.44	54.20	32.94	40.48	54.00	-13.52	Average
7	17948.050	18.30	43.44	54.20	43.57	51.11	74.00	-22.89	peak



11ax_20M_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

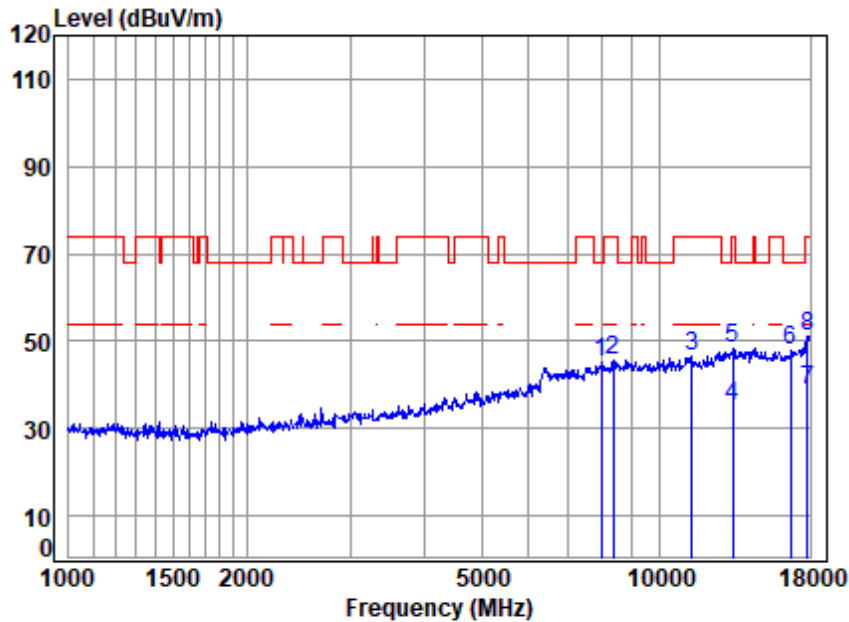
Mode : 5700 TX RSE

: 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	7920.911	11.54	37.64	56.52	52.37	45.03	68.20	-23.17	peak
2	8789.516	12.23	38.50	56.20	51.21	45.74	68.20	-22.46	peak
3	11302.480	14.63	39.70	55.40	47.42	46.35	74.00	-27.65	peak
4	pk14450.130	16.98	39.55	54.32	47.02	49.23	68.20	-18.97	peak
5	16034.730	17.12	38.57	54.00	36.32	38.01	54.00	-15.99	Average
6	16034.730	17.12	38.57	54.00	46.84	48.53	74.00	-25.47	peak
7	pp18000.000	18.35	43.80	54.20	33.01	40.96	54.00	-13.04	Average
8	18000.000	18.35	43.80	54.20	43.71	51.66	74.00	-22.34	peak



11ax_20M_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

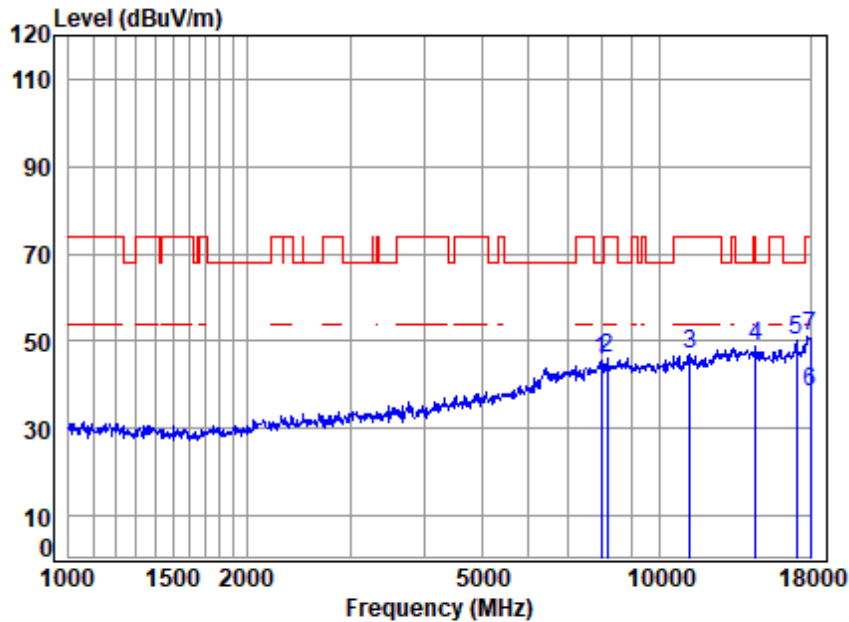
Mode : 5700 TX RSE

: 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	7989.893	11.56	37.78	56.50	52.21	45.05	68.20	-23.15	peak
2	8343.918	11.70	38.60	56.37	51.59	45.52	74.00	-28.48	peak
3	11335.190	14.49	39.70	55.39	47.68	46.48	74.00	-27.52	peak
4	13326.750	16.37	40.30	54.72	33.29	35.24	54.00	-18.76	Average
5	13326.750	16.37	40.30	54.72	46.45	48.40	74.00	-25.60	peak
6	pk16696.880	17.59	39.39	54.07	44.85	47.76	68.20	-20.44	peak
7	pp17844.590	18.21	42.77	54.19	32.20	38.99	54.00	-15.01	Average
8	17844.590	18.21	42.77	54.19	44.26	51.05	74.00	-22.95	peak



11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

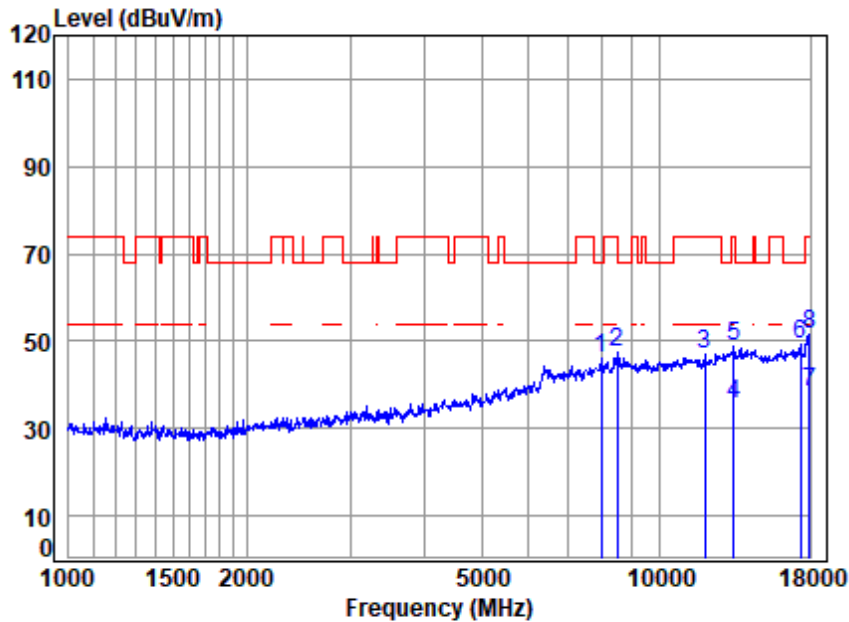
Mode : 5745 TX RSE

: 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	7966.832	11.55	37.73	56.51	52.86	45.63	68.20	-22.57	peak
2	8176.795	11.54	37.95	56.43	53.22	46.28	74.00	-27.72	peak
3	11269.860	14.68	39.67	55.41	47.98	46.92	74.00	-27.08	peak
4	14533.910	16.79	39.43	54.28	46.85	48.79	68.20	-19.41	peak
5	pk17087.460	18.42	39.79	54.11	46.03	50.13	68.20	-18.07	peak
6	pp18000.000	18.35	43.80	54.20	30.20	38.15	54.00	-15.85	Average
7	18000.000	18.35	43.80	54.20	43.06	51.01	74.00	-22.99	peak



11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

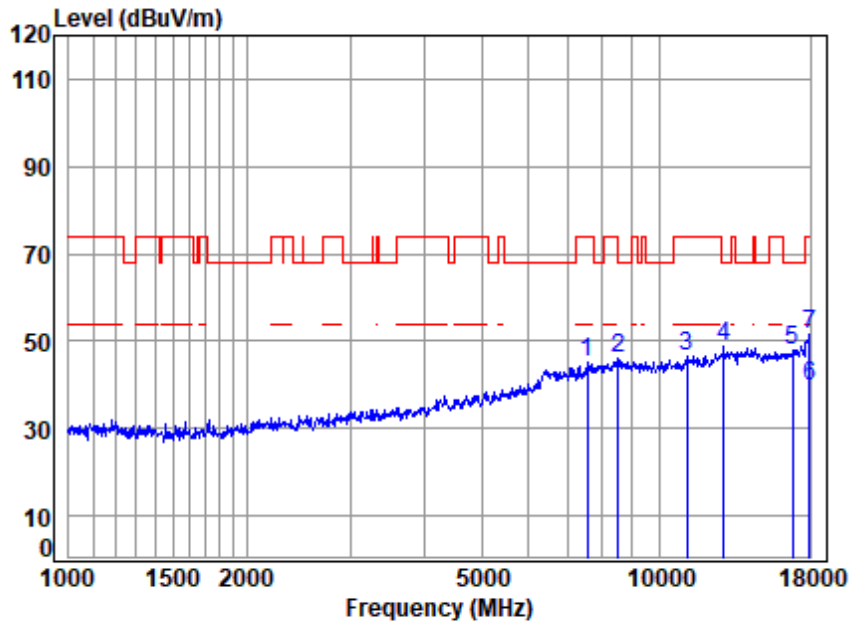
Mode : 5745 TX RSE

: 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	7989.893	11.56	37.78	56.50	53.11	45.95	68.20	-22.25	peak
2	8489.882	12.24	38.32	56.31	53.20	47.45	74.00	-26.55	peak
3	11940.540	14.77	39.74	55.22	47.77	47.06	74.00	-26.94	peak
4	13365.320	16.13	40.30	54.71	33.76	35.48	54.00	-18.52	Average
5	13365.320	16.13	40.30	54.71	46.97	48.69	74.00	-25.31	peak
6	pk17336.200	17.90	40.27	54.14	45.11	49.14	68.20	-19.06	Peak
7	pp17948.050	18.30	43.44	54.20	30.60	38.14	54.00	-15.86	Average
8	17948.050	18.30	43.44	54.20	44.08	51.62	74.00	-22.38	peak



11a_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

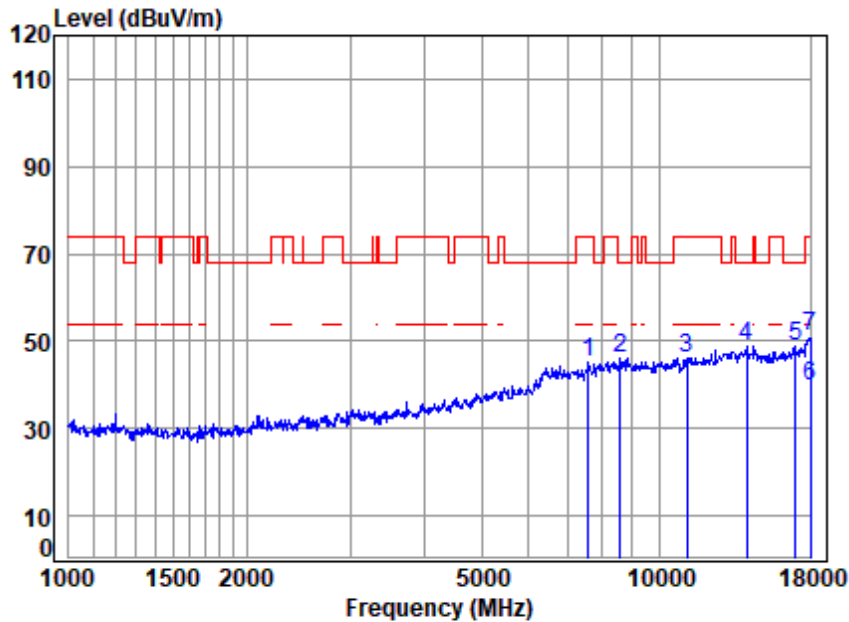
Mode : 5785 TX RSE

: 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	7541.114	11.17	36.80	56.63	53.70	45.04	74.00	-28.96	peak
2	8514.456	12.26	38.30	56.30	51.76	46.02	68.20	-22.18	peak
3	11140.310	14.70	39.54	55.44	47.75	46.55	74.00	-27.45	peak
4	pk12835.290	15.55	40.34	54.89	47.60	48.60	68.20	-19.60	peak
5	16842.290	17.77	39.60	54.09	44.75	48.03	68.20	-20.17	peak
6	pp17948.050	18.30	43.44	54.20	32.29	39.83	54.00	-14.17	Average
7	17948.050	18.30	43.44	54.20	44.12	51.66	74.00	-22.34	peak



11a_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	7584.833	11.11	36.80	56.62	53.68	44.97	74.00	-29.03	peak
2	8588.607	12.00	38.45	56.28	52.10	46.27	68.20	-21.93	peak
3	11140.310	14.70	39.54	55.44	47.28	46.08	74.00	-27.92	peak
4	pk14038.450	16.51	39.90	54.48	46.96	48.89	68.20	-19.31	peak
5	17038.150	18.22	39.74	54.11	44.77	48.62	68.20	-19.58	peak
6	pp18000.000	18.35	43.80	54.20	31.92	39.87	54.00	-14.13	Average
7	18000.000	18.35	43.80	54.20	43.01	50.96	74.00	-23.04	peak



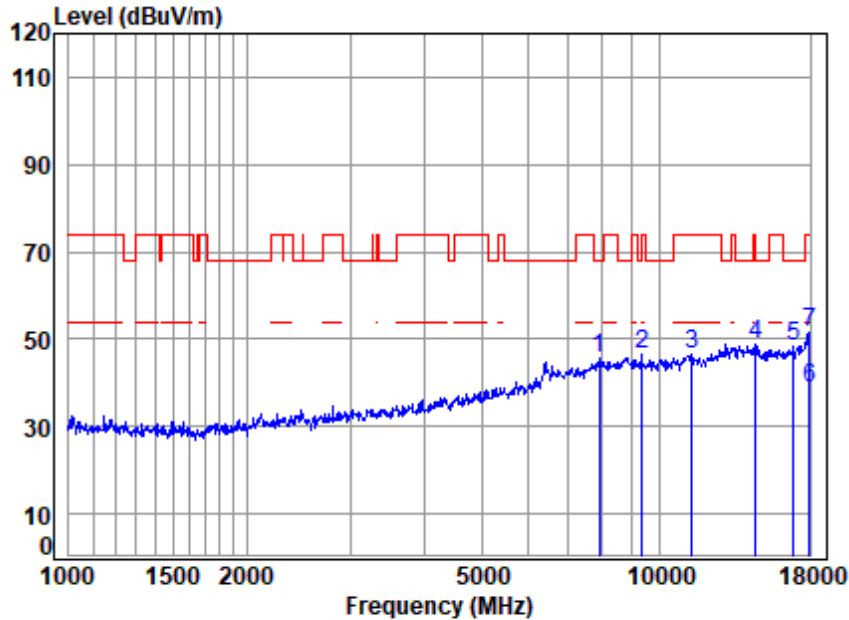
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11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11a

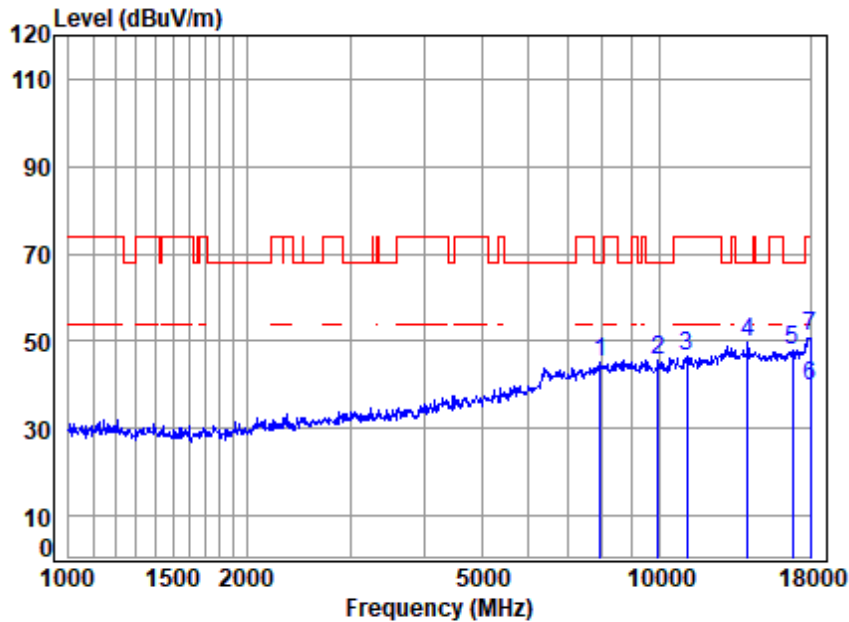
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7898.049	11.54	37.59	56.53	52.94	45.54	68.20	-22.66	peak
2	9339.543	12.22	38.80	56.01	51.59	46.60	74.00	-27.40	peak
3	11368.000	14.35	39.70	55.38	47.81	46.48	74.00	-27.52	peak
4	pk14533.910	16.79	39.43	54.28	46.69	48.63	68.20	-19.57	peak
5	16891.040	18.12	39.60	54.09	44.96	48.59	68.20	-19.61	peak
6	pp17948.050	18.30	43.44	54.20	31.29	38.83	54.00	-15.17	Average
7	17948.050	18.30	43.44	54.20	43.98	51.52	74.00	-22.48	peak



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11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

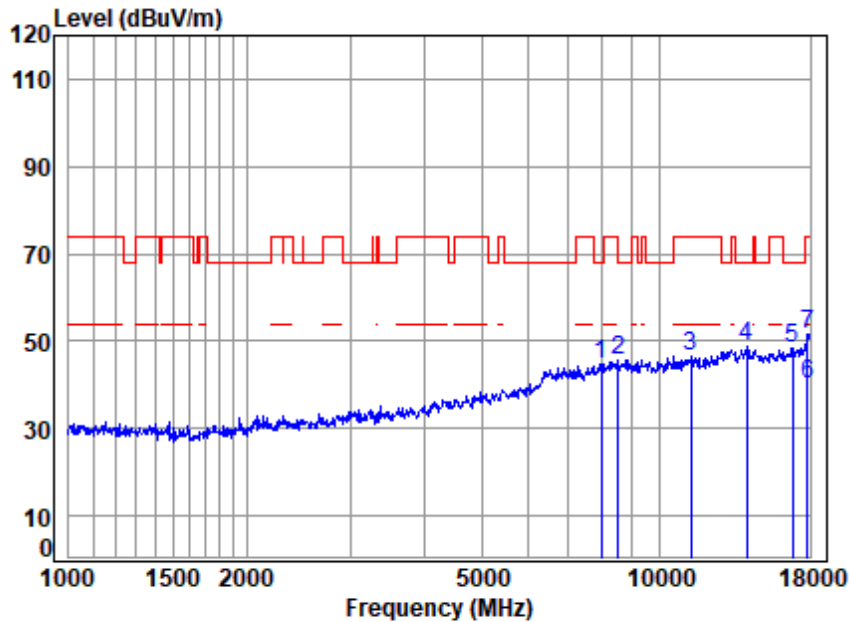
Mode : 5825 TX RSE

: 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	7943.838	11.55	37.69	56.52	52.29	45.01	68.20	-23.19	peak
2	9952.717	12.91	38.90	55.81	49.77	45.77	68.20	-22.43	peak
3	11140.310	14.70	39.54	55.44	47.55	46.35	74.00	-27.65	peak
4	pk14119.830	16.45	39.88	54.45	47.66	49.54	68.20	-18.66	peak
5	16793.680	17.47	39.59	54.08	44.91	47.89	68.20	-20.31	peak
6	pp18000.000	18.35	43.80	54.20	31.67	39.62	54.00	-14.38	Average
7	18000.000	18.35	43.80	54.20	43.18	51.13	74.00	-22.87	peak



11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

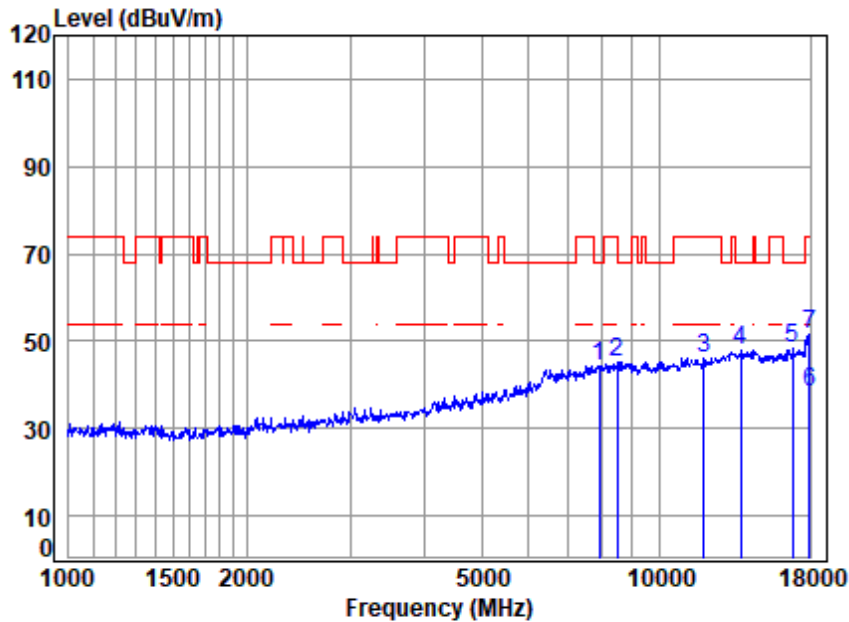
Mode : 5745 TX RSE

: 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	7989.893	11.56	37.78	56.50	52.00	44.84	68.20	-23.36	peak
2	8514.456	12.26	38.30	56.30	51.48	45.74	68.20	-22.46	peak
3	11302.480	14.63	39.70	55.40	47.61	46.54	74.00	-27.46	peak
4	pk14079.080	16.56	39.90	54.47	47.05	49.04	68.20	-19.16	peak
5	16842.290	17.77	39.60	54.09	45.27	48.55	68.20	-19.65	peak
6	pp17844.590	18.21	42.77	54.19	33.54	40.33	54.00	-13.67	Average
7	17844.590	18.21	42.77	54.19	44.81	51.60	74.00	-22.40	peak



11ax_20M_TX_CH_149_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

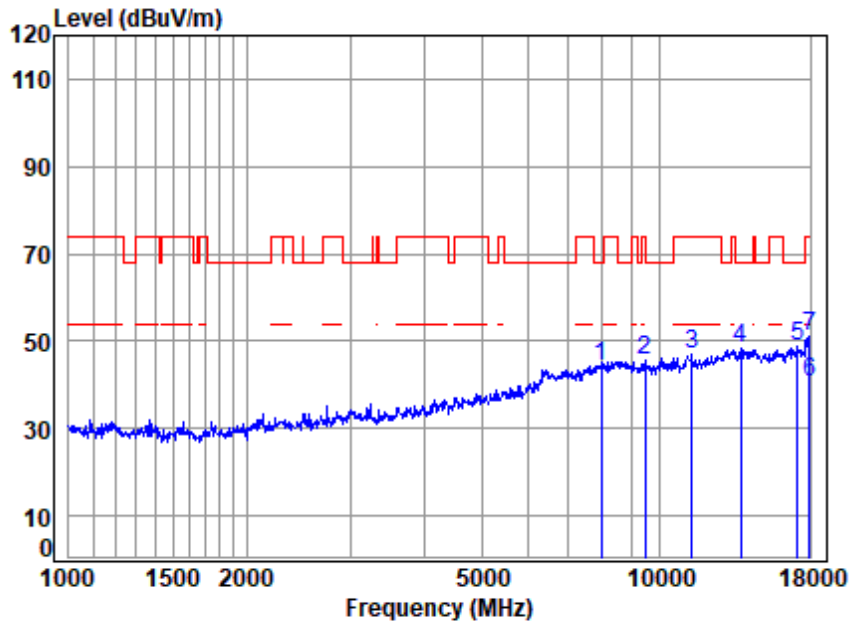
Mode : 5745 TX RSE

: 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	7920.911	11.54	37.64	56.52	51.69	44.35	68.20	-23.85	peak
2	8489.882	12.24	38.32	56.31	50.90	45.15	74.00	-28.85	peak
3	11906.070	14.89	39.71	55.23	46.89	46.26	74.00	-27.74	peak
4	13717.560	16.33	39.98	54.59	46.20	47.92	68.20	-20.28	peak
5	pk16842.290	17.77	39.60	54.09	44.98	48.26	68.20	-19.94	peak
6	pp17948.050	18.30	43.44	54.20	30.74	38.28	54.00	-15.72	Average
7	17948.050	18.30	43.44	54.20	44.01	51.55	74.00	-22.45	peak



11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	7966.832	11.55	37.73	56.51	51.53	44.30	68.20	-23.90	peak
2	9448.149	12.43	38.80	55.98	50.38	45.63	74.00	-28.37	peak
3	11368.000	14.35	39.70	55.38	48.13	46.80	74.00	-27.20	peak
4	13717.560	16.33	39.98	54.59	46.47	48.19	68.20	-20.01	peak
5	pk17136.920	18.23	39.84	54.12	44.67	48.62	68.20	-19.58	peak
6	pp17948.050	18.30	43.44	54.20	33.13	40.67	54.00	-13.33	Average
7	17948.050	18.30	43.44	54.20	43.66	51.20	74.00	-22.80	peak



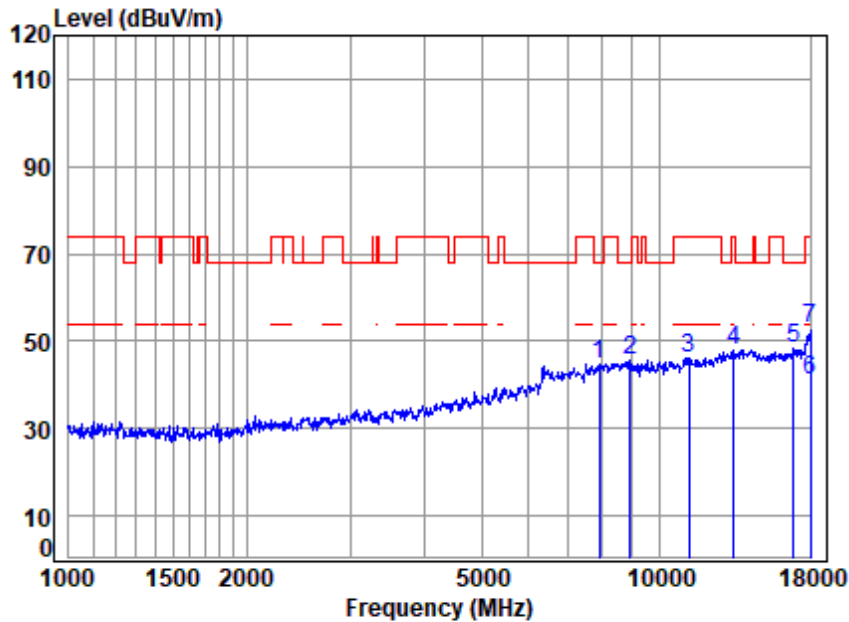
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11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

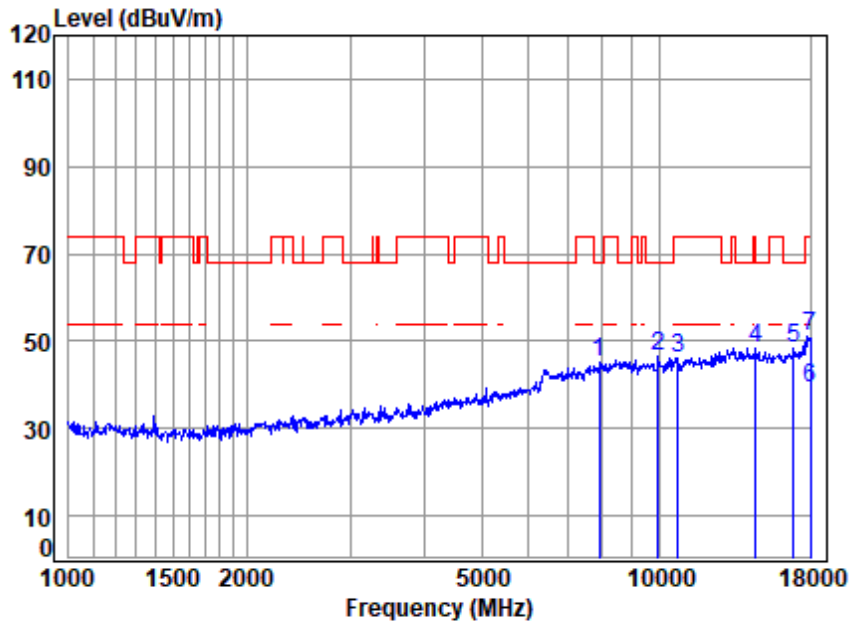
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7920.911	11.54	37.64	56.52	52.14	44.80	68.20	-23.40	peak
2	8917.462	12.21	38.57	56.16	51.09	45.71	68.20	-22.49	peak
3	11204.900	14.75	39.60	55.43	47.15	46.07	74.00	-27.93	peak
4	13365.320	16.13	40.30	54.71	46.20	47.92	74.00	-26.08	peak
5	pk16891.040	18.12	39.60	54.09	44.66	48.29	68.20	-19.91	peak
6	pp18000.000	18.35	43.80	54.20	33.19	41.14	54.00	-12.86	Average
7	18000.000	18.35	43.80	54.20	45.02	52.97	74.00	-21.03	peak



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11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

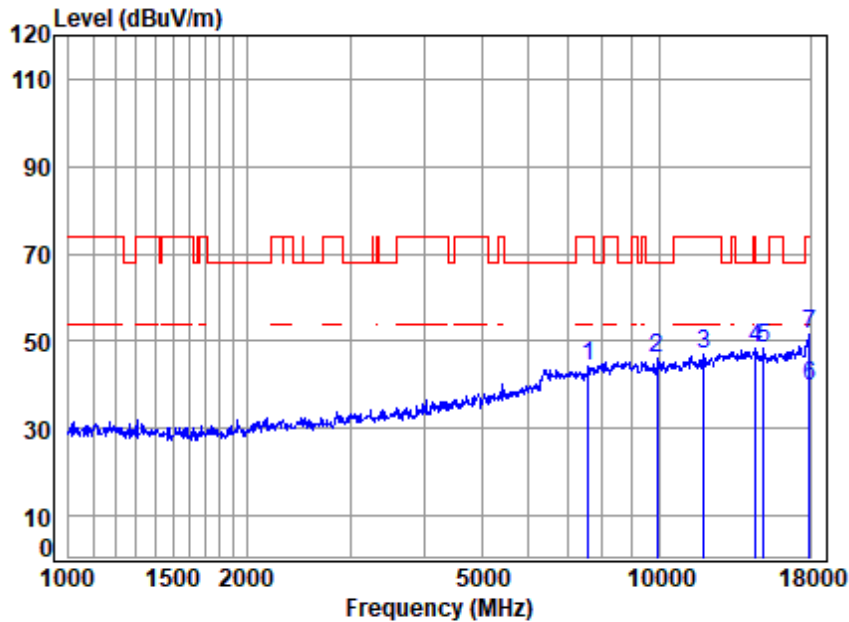
Mode : 5825 TX RSE

: 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	7920.911	11.54	37.64	56.52	52.45	45.11	68.20	-23.09	peak
2	9952.717	12.91	38.90	55.81	50.45	46.45	68.20	-21.75	peak
3	10760.540	13.82	39.34	55.56	48.58	46.18	74.00	-27.82	peak
4	pk14575.970	16.41	39.35	54.27	47.01	48.50	68.20	-19.70	peak
5	16891.040	18.12	39.60	54.09	44.66	48.29	68.20	-19.91	peak
6	pp18000.000	18.35	43.80	54.20	31.16	39.11	54.00	-14.89	Average
7	18000.000	18.35	43.80	54.20	43.20	51.15	74.00	-22.85	peak



11ax_20M_TX_CH_165_Verical



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

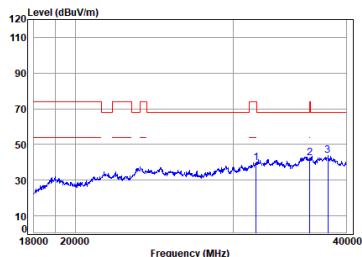
Mode : 5825 TX RSE

: 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	7584.833	11.11	36.80	56.62	53.18	44.47	74.00	-29.53	peak
2	9923.991	12.85	38.90	55.82	49.96	45.89	68.20	-22.31	peak
3	11906.070	14.89	39.71	55.23	47.40	46.77	74.00	-27.23	peak
4	pk14533.910	16.79	39.43	54.28	46.43	48.37	68.20	-19.83	peak
5	15046.850	16.65	38.75	54.10	46.88	48.18	68.20	-20.02	peak
6	pp17948.050	18.30	43.44	54.20	32.09	39.63	54.00	-14.37	Average
7	17948.050	18.30	43.44	54.20	43.93	51.47	74.00	-22.53	peak



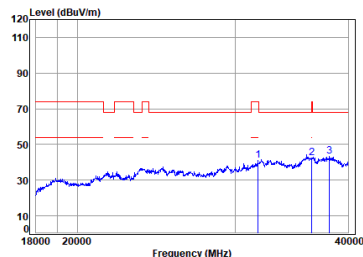
11a_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5180 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	51.84	39.51	74.00	-34.49	Peak		-9.54
2	36432.240	7.97	42.10	49.55	51.27	42.25	74.00	-31.75	Peak		-9.54
3	pp38189.710	7.75	42.23	50.31	53.53	43.66	68.20	-24.54	Peak		-9.54

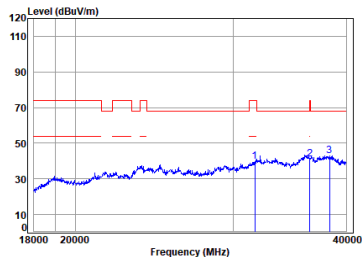
11a_TX_CH_36_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5180 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.920	7.85	40.80	51.49	53.24	40.86	74.00	-33.14	Peak		-9.54
2	36461.340	7.94	42.10	49.57	51.42	42.35	74.00	-31.65	Peak		-9.54
3	pp38128.770	7.79	42.15	50.28	53.04	43.16	68.20	-25.04	Peak		-9.54

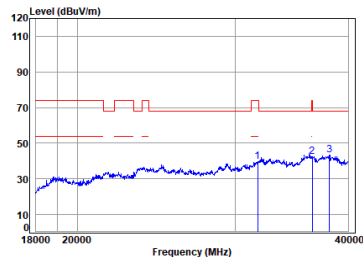
11a_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31680.940	7.82	40.74	51.58	52.37	39.81	74.00	-34.19	Peak		-9.54
2	36461.340	7.94	42.10	49.57	50.28	41.21	74.00	-32.79	Peak		-9.54
3	pp38342.408	7.65	42.49	50.41	52.82	43.01	68.20	-25.19	Peak		-9.54

11a_TX_CH_44_Vertical

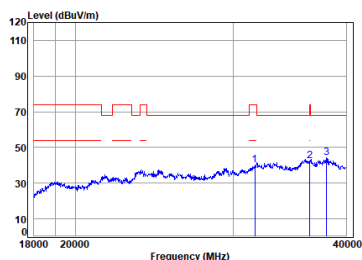


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31731.570	7.84	40.79	51.52	52.00	39.57	74.00	-34.43	Peak		-9.54
2	36490.470	7.91	42.10	49.59	51.66	42.54	74.00	-31.46	Peak		-9.54
3	pp38128.770	7.79	42.15	50.28	53.28	43.40	68.20	-24.80	Peak		-9.54



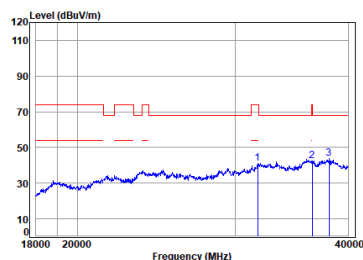
11a_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31655.650	7.81	40.72	51.61	52.70	40.08	74.00	-33.92	Peak	-9.54	
2	36461.340	7.94	42.10	49.57	51.49	42.42	74.00	-31.58	Peak	-9.54	
3	pp38037.540	7.85	42.05	50.22	54.21	44.35	68.20	-23.85	Peak	-9.54	

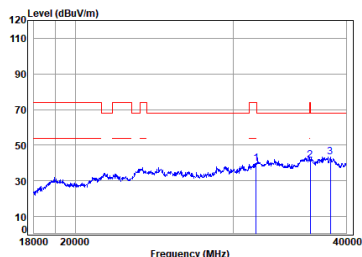
11a_TX_CH_48_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31731.570	7.84	40.79	51.52	53.30	40.87	74.00	-33.13	Peak	-9.54	
2	36490.470	7.91	42.10	49.59	51.48	42.36	74.00	-31.64	Peak	-9.54	
3	pp38098.330	7.81	42.12	50.26	53.77	43.90	68.20	-24.30	Peak	-9.54	

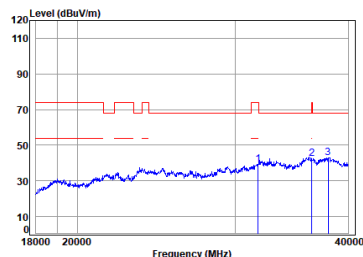
11ax_20M_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5180 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31782.290	7.86	40.81	51.46	51.94	39.61	74.00	-34.39	Peak	-9.54	
2	36490.470	7.91	42.10	49.59	50.82	41.70	74.00	-32.30	Peak	-9.54	
3	pp38493.770	7.61	42.61	50.44	53.29	43.53	68.20	-24.67	Peak	-9.54	

11ax_20M_TX_CH_36_Vertical

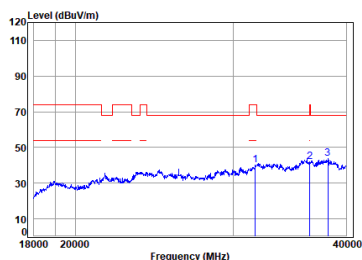


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5180 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31782.290	7.86	40.81	51.46	51.79	39.46	74.00	-34.54	Peak	-9.54	
2	36432.240	7.97	42.10	49.55	51.27	42.25	74.00	-31.75	Peak	-9.54	
3	pp38097.180	7.87	42.01	50.20	52.97	43.11	68.20	-25.09	Peak	-9.54	



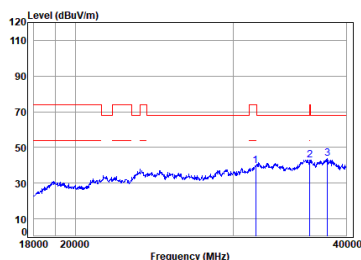
11ax_20M_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31786.250	7.83	40.77	51.55	52.54	40.05	74.00	-33.95 Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.17	42.10	74.00	-31.90 Peak	-9.54
3 pp38189.710	7.75	42.23	50.31	53.57	43.70	68.20	-24.50 Peak	-9.54

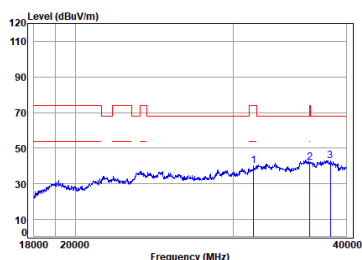
11ax_20M_TX_CH_44_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31731.570	7.84	40.79	51.52	52.08	39.65	74.00	-34.35 Peak	-9.54
2 36432.240	7.97	42.10	49.55	52.03	43.01	74.00	-30.99 Peak	-9.54
3 pp38128.770	7.79	42.15	50.28	53.55	43.67	68.20	-24.53 Peak	-9.54

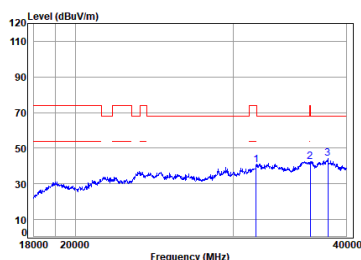
11ax_20M_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31579.910	7.79	40.66	51.70	52.83	40.04	74.00	-33.96 Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.13	42.06	74.00	-31.94 Peak	-9.54
3 pp38493.770	7.61	42.61	50.44	52.74	42.98	68.20	-25.22 Peak	-9.54

11ax_20M_TX_CH_48_Vertical

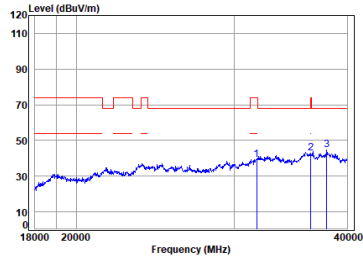


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31782.290	7.86	40.81	51.46	52.99	40.66	74.00	-33.34 Peak	-9.54
2 36490.470	7.91	42.10	49.59	51.37	42.25	74.00	-31.75 Peak	-9.54
3 pp38159.220	7.77	42.19	50.30	54.15	44.27	68.20	-23.93 Peak	-9.54



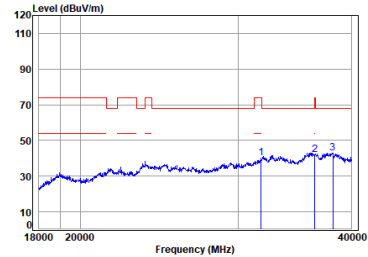
11a_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31731.570	7.84	40.79	51.52	51.78	39.35	74.00	-34.65	Peak	-9.54	
2	36461.340	7.94	42.10	49.57	51.87	42.80	74.00	-31.20	Peak	-9.54	
3	pp37976.840	7.86	41.98	50.19	54.44	44.55	68.20	-23.65	Peak	-9.54	

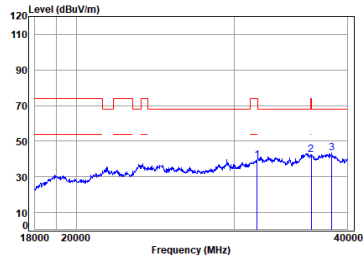
11a_TX_CH_52_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.68	40.35	74.00	-33.65	Peak	-9.54	
2	36461.340	7.94	42.10	49.57	51.14	42.07	74.00	-31.93	Peak	-9.54	
3	pp38189.710	7.75	42.23	50.31	52.96	43.09	68.20	-25.11	Peak	-9.54	

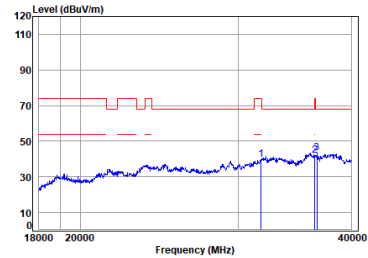
11a_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.920	7.85	40.80	51.49	51.72	39.34	74.00	-34.66	Peak	-9.54	
2	36490.470	7.91	42.10	49.59	51.56	42.44	74.00	-31.56	Peak	-9.54	
3	pp38465.150	7.57	42.73	50.48	52.93	43.21	68.20	-24.99	Peak	-9.54	

11a_TX_CH_60_Vertical

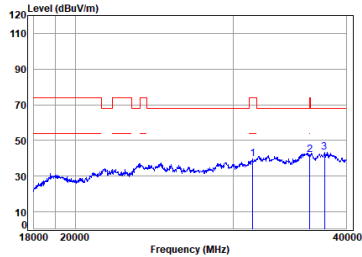


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.15	39.82	74.00	-34.18	Peak	-9.54	
2	36461.340	7.94	42.10	49.57	51.03	41.96	74.00	-32.04	Peak	-9.54	
3	pp36636.450	7.75	41.99	49.68	52.71	43.23	68.20	-24.97	Peak	-9.54	



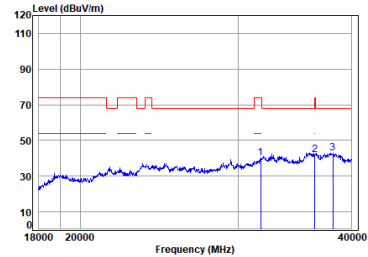
11a_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31584.350	7.76	40.60	51.79	52.70	39.73	74.00	-34.27	Peak		-9.54
2	36432.240	7.97	42.10	49.55	51.00	41.98	74.00	-32.02	Peak		-9.54
3	pp37825.528	7.78	41.86	50.10	53.28	43.28	68.20	-24.92	Peak		-9.54

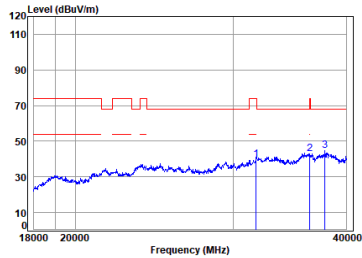
11a_TX_CH_64_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31731.570	7.84	40.79	51.52	52.47	40.04	74.00	-33.96	Peak		-9.54
2	36461.340	7.94	42.10	49.57	51.10	42.03	74.00	-31.97	Peak		-9.54
3	pp38189.710	7.75	42.23	50.31	52.82	42.95	68.20	-25.25	Peak		-9.54

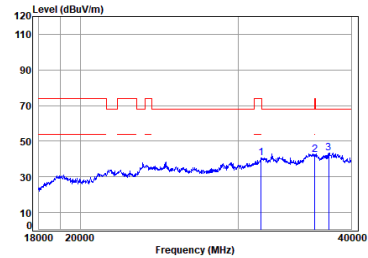
11ax_20M_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31782.290	7.86	40.81	51.46	52.13	39.80	74.00	-34.20	Peak		-9.54
2	36461.340	7.94	42.10	49.57	51.84	42.77	74.00	-31.23	Peak		-9.54
3	pp37885.978	7.81	41.91	50.13	54.79	44.84	68.20	-23.36	Peak		-9.54

11ax_20M_TX_CH_52_Vertical

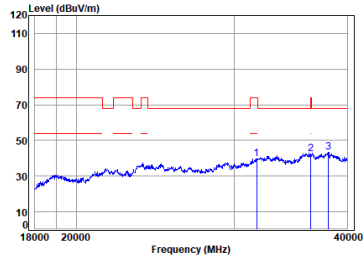


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31782.290	7.86	40.81	51.46	52.72	40.39	74.00	-33.61	Peak		-9.54
2	36461.340	7.94	42.10	49.57	51.34	42.27	74.00	-31.73	Peak		-9.54
3	pp37765.160	7.75	41.81	50.06	53.68	43.56	68.20	-24.64	Peak		-9.54



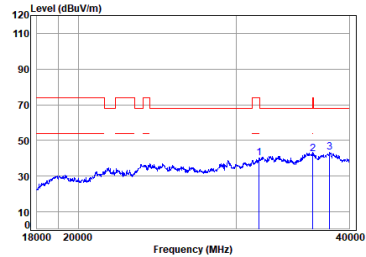
11ax_20M_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31731.570	7.84	40.79	51.52	52.30	39.87	74.00	-34.13 Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.34	42.27	74.00	-31.73 Peak	-9.54
3 pp38128.770	7.79	42.15	50.28	53.33	43.45	68.20	-24.75 Peak	-9.54

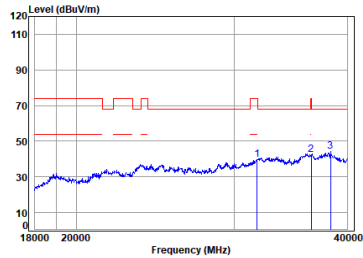
11ax_20M_TX_CH_60_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31782.290	7.86	40.81	51.46	52.54	40.21	74.00	-33.79 Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.36	42.29	74.00	-31.71 Peak	-9.54
3 pp38037.540	7.85	42.05	50.22	53.08	43.22	68.20	-24.98 Peak	-9.54

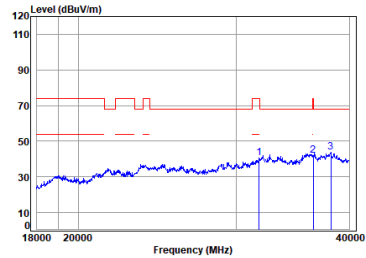
11ax_20M_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31782.290	7.86	40.81	51.46	52.22	39.89	74.00	-34.11 Peak	-9.54
2 36490.470	7.91	42.10	49.59	51.58	42.46	74.00	-31.54 Peak	-9.54
3 pp38342.408	7.65	42.49	50.41	53.87	44.06	68.20	-24.14 Peak	-9.54

11ax_20M_TX_CH_64_Vertical

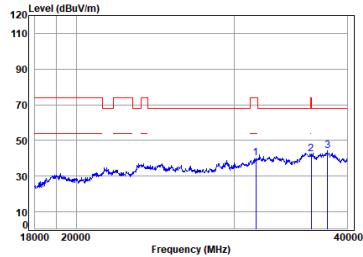


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 31782.290	7.86	40.81	51.46	53.06	40.73	74.00	-33.27 Peak	-9.54
2 36490.470	7.91	42.10	49.59	51.02	41.90	74.00	-32.10 Peak	-9.54
3 pp38159.220	7.77	42.19	50.30	53.65	43.77	68.20	-24.43 Peak	-9.54



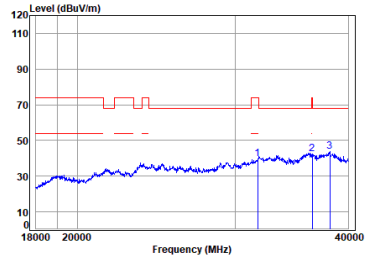
11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31655.650	7.81	40.72	51.61	52.57	39.95	74.00	-34.05	Peak	-9.54	
2	36490.470	7.91	42.10	49.59	51.58	42.46	74.00	-31.54	Peak	-9.54	
3	pp38037.540	7.85	42.05	50.22	54.22	44.36	68.20	-23.84	Peak	-9.54	

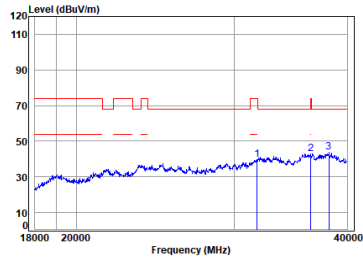
11a_TX_CH_100_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31731.570	7.84	40.79	51.52	52.08	39.65	74.00	-34.35	Peak	-9.54	
2	36490.470	7.91	42.10	49.59	51.65	42.53	74.00	-31.47	Peak	-9.54	
3	pp38159.220	7.77	42.19	50.30	53.46	43.58	68.20	-24.62	Peak	-9.54	

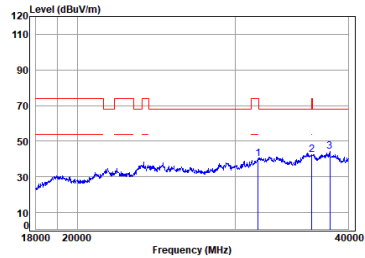
11a_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31782.290	7.86	40.81	51.46	51.96	39.63	74.00	-34.37	Peak	-9.54	
2	36432.240	7.97	42.10	49.55	51.80	42.78	74.00	-31.22	Peak	-9.54	
3	pp38189.710	7.75	42.23	50.31	53.66	43.79	68.20	-24.41	Peak	-9.54	

11a_TX_CH_116_Vertical

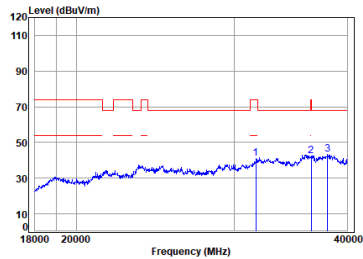


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31756.920	7.85	40.80	51.49	52.39	40.01	74.00	-33.99	Peak	-9.54	
2	36432.240	7.97	42.10	49.55	51.44	42.42	74.00	-31.58	Peak	-9.54	
3	pp38159.220	7.77	42.19	50.30	54.21	44.33	68.20	-23.87	Peak	-9.54	



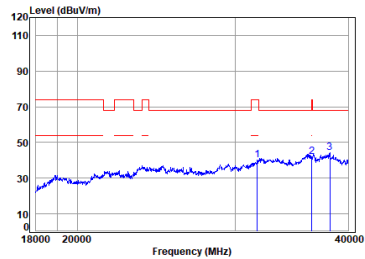
11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31680.940	7.82	40.74	51.58	53.79	41.23	74.00	-32.77	Peak	-9.54
2	36490.470	7.91	42.10	49.59	51.56	42.44	74.00	-31.56	Peak	-9.54
3	pp38067.920	7.83	42.08	50.24	53.34	43.47	68.20	-24.73	Peak	-9.54

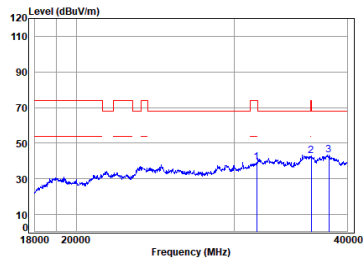
11a_TX_CH_140_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31706.250	7.83	40.77	51.55	52.49	40.00	74.00	-34.00	Peak	-9.54
2	36461.340	7.94	42.10	49.57	51.04	41.97	74.00	-32.03	Peak	-9.54
3	pp38159.220	7.77	42.19	50.30	54.07	44.19	68.20	-24.01	Peak	-9.54

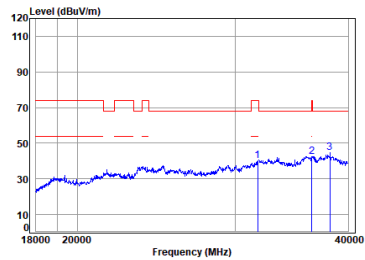
11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31731.570	7.84	40.79	51.52	51.70	39.27	74.00	-34.73	Peak	-9.54
2	36490.470	7.91	42.10	49.59	52.11	42.99	74.00	-31.01	Peak	-9.54
3	pp38189.710	7.75	42.23	50.31	53.24	43.37	68.20	-24.83	Peak	-9.54

11ax_20M_TX_CH_100_Vertical

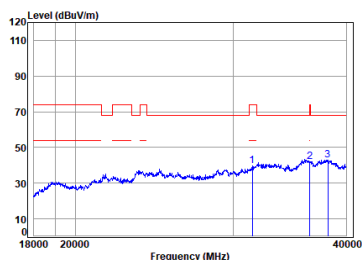


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11ax20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31731.570	7.84	40.79	51.52	52.71	40.28	74.00	-33.72	Peak	-9.54
2	36432.240	7.97	42.10	49.55	51.30	42.28	74.00	-31.72	Peak	-9.54
3	pp38189.710	7.75	42.23	50.31	54.40	44.53	68.20	-23.67	Peak	-9.54



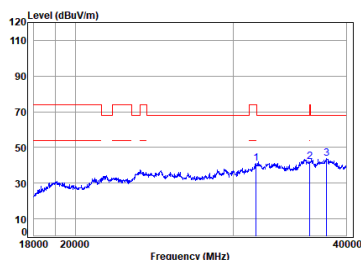
11ax_20M_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5580 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 31479.210	7.75	40.58	51.80	52.54	39.53	74.00	-34.47	Peak	-9.54
2 36432.240	7.97	42.10	49.55	50.83	41.81	74.00	-32.19	Peak	-9.54
3 pp38189.710	7.75	42.23	50.51	52.70	42.83	68.20	-25.37	Peak	-9.54

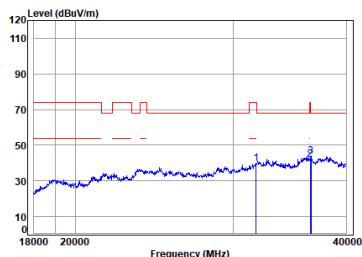
11ax_20M_TX_CH_116_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5580 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 31782.290	7.86	40.81	51.46	53.50	41.17	74.00	-32.83	Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.14	42.07	74.00	-31.93	Peak	-9.54
3 pp38037.540	7.85	42.05	50.22	53.54	43.68	68.20	-24.52	Peak	-9.54

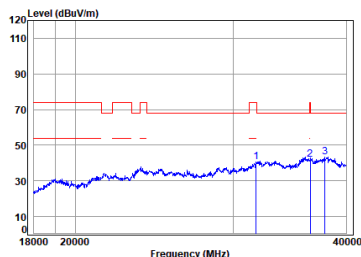
11ax_20M_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 31782.290	7.86	40.81	51.46	52.15	39.82	74.00	-34.18	Peak	-9.54
2 36490.470	7.91	42.10	49.59	51.09	41.97	74.00	-32.03	Peak	-9.54
3 pp36548.790	7.84	42.06	49.63	53.23	43.96	68.20	-24.24	Peak	-9.54

11ax_20M_TX_CH_140_Vertical

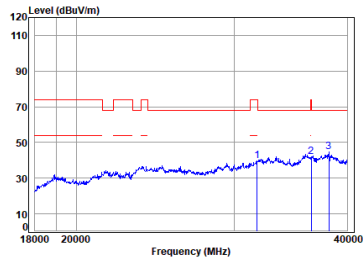


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 31782.290	7.86	40.81	51.46	52.85	40.52	74.00	-33.48	Peak	-9.54
2 36490.470	7.91	42.10	49.59	50.89	41.77	74.00	-32.23	Peak	-9.54
3 pp37885.970	7.81	41.91	50.13	53.21	43.26	68.20	-24.94	Peak	-9.54



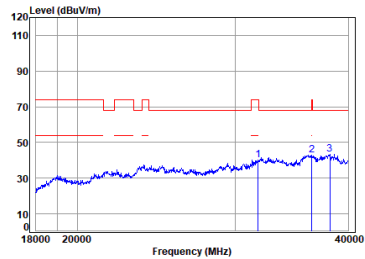
11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.920	7.85	40.80	51.49	52.24	39.86	74.00	-34.14	Peak	-9.54
2	36490.470	7.91	42.10	49.59	50.94	41.82	74.00	-32.18	Peak	-9.54
3	pp38159.220	7.77	42.19	50.30	54.70	44.82	68.20	-23.38	Peak	-9.54

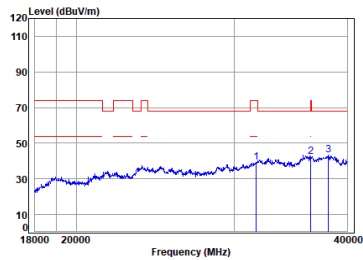
11a_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.920	7.85	40.80	51.49	52.40	40.02	74.00	-33.98	Peak	-9.54
2	36461.340	7.94	42.10	49.57	51.94	42.87	74.00	-31.13	Peak	-9.54
3	pp38159.220	7.77	42.19	50.30	53.27	43.39	68.20	-24.81	Peak	-9.54

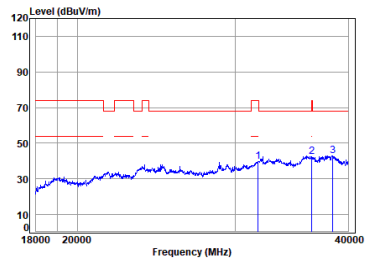
11a_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.250	7.83	40.77	51.55	51.83	39.34	74.00	-34.66	Peak	-9.54
2	36461.340	7.94	42.10	49.57	51.28	42.21	74.00	-31.79	Peak	-9.54
3	pp38128.770	7.79	42.15	50.28	53.44	43.56	68.20	-24.64	Peak	-9.54

11a_TX_CH_157_Vertical

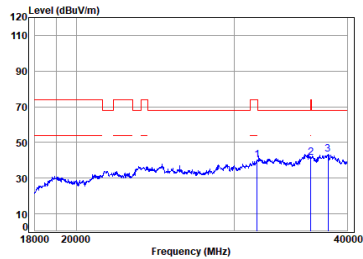


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31756.920	7.85	40.80	51.49	52.02	39.64	74.00	-34.36	Peak	-9.54
2	36461.340	7.94	42.10	49.57	51.39	42.32	74.00	-31.68	Peak	-9.54
3	pp38465.150	7.57	42.73	50.48	52.74	43.02	68.20	-25.18	Peak	-9.54



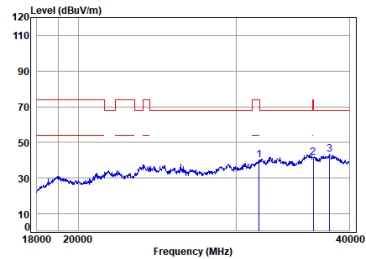
11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5825 TX RSE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.61	40.28	74.00	-33.72	Peak	-9.54
2	36461.340	7.94	42.10	49.57	50.46	41.39	74.00	-32.61	Peak	-9.54
3	pp38096.338	7.81	42.12	50.26	53.03	43.16	68.20	-25.04	Peak	-9.54

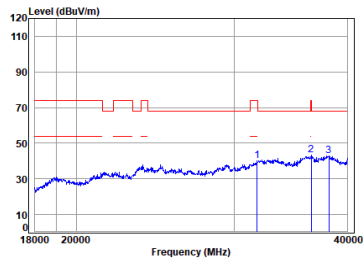
11a_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5825 TX RSE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.51	40.18	74.00	-33.82	Peak	-9.54
2	36490.470	7.91	42.10	49.59	50.58	41.46	74.00	-32.54	Peak	-9.54
3	pp38067.920	7.83	42.08	50.24	53.11	43.24	68.20	-24.96	Peak	-9.54

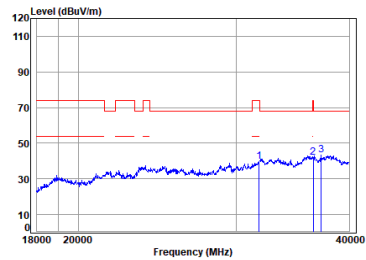
11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5745 TX RSE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.53	40.20	74.00	-33.80	Peak	-9.54
2	36490.470	7.91	42.10	49.59	52.67	43.55	74.00	-30.45	Peak	-9.54
3	pp38189.710	7.75	42.23	50.31	52.69	42.82	68.20	-25.38	Peak	-9.54

11ax_20M_TX_CH_149_Vertical

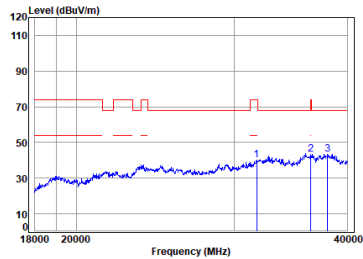


Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5745 TX RSE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	7.86	40.81	51.46	52.16	39.83	74.00	-34.17	Peak	-9.54
2	36490.470	7.91	42.10	49.59	51.22	42.10	74.00	-31.90	Peak	-9.54
3	pp37255.970	7.50	42.00	49.90	53.41	43.47	68.20	-24.73	Peak	-9.54



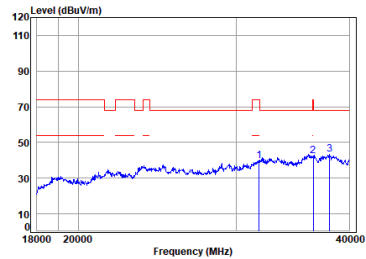
11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5785 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1 31731.570	7.84	40.79	51.52	52.60	40.17	74.00	-33.83 Peak	-9.54
2 36432.240	7.97	42.10	49.55	52.42	43.40	74.00	-30.60 Peak	-9.54
3 pp38037.540	7.85	42.05	50.22	53.17	43.31	68.20	-24.89 Peak	-9.54

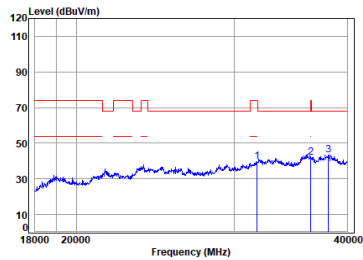
11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5785 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1 31756.920	7.85	40.80	51.49	51.99	39.61	74.00	-34.39 Peak	-9.54
2 36490.470	7.91	42.10	49.59	51.39	42.27	74.00	-31.73 Peak	-9.54
3 pp38067.920	7.83	42.08	50.24	53.06	43.19	68.20	-25.01 Peak	-9.54

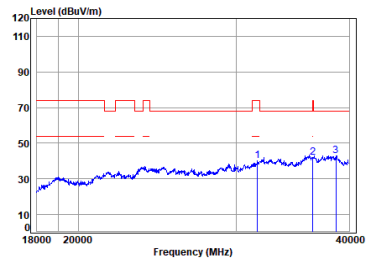
11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 02484AT/02485AT
Mode : 5825 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1 31756.920	7.85	40.80	51.49	52.08	39.70	74.00	-34.30 Peak	-9.54
2 36461.340	7.94	42.10	49.57	50.82	41.75	74.00	-32.25 Peak	-9.54
3 pp38128.770	7.79	42.15	50.28	53.41	43.53	68.20	-24.67 Peak	-9.54

11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 02484AT/02485AT
Mode : 5825 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1 31630.300	7.80	40.70	51.64	52.75	40.07	74.00	-33.93 Peak	-9.54
2 36461.340	7.94	42.10	49.57	51.19	42.12	74.00	-31.88 Peak	-9.54
3 pp38649.880	7.45	42.86	51.10	53.40	43.07	68.20	-25.13 Peak	-9.54



7.4 Radiated Emissions which fall in the restricted bands

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

Test Method: ANSI C63.10-2020 Section 6.10.5

Measurement Distance: 3m

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.



7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

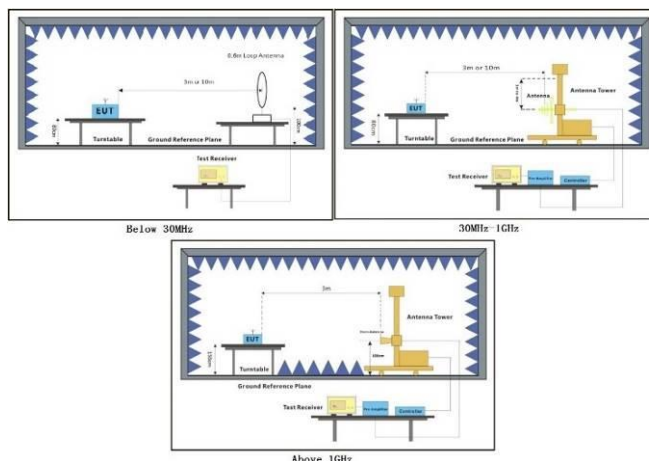
Humidity: 51.9 % RH

Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report

7.4.3 Test Setup Diagram



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7.4.4 Measurement Procedure and Data

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

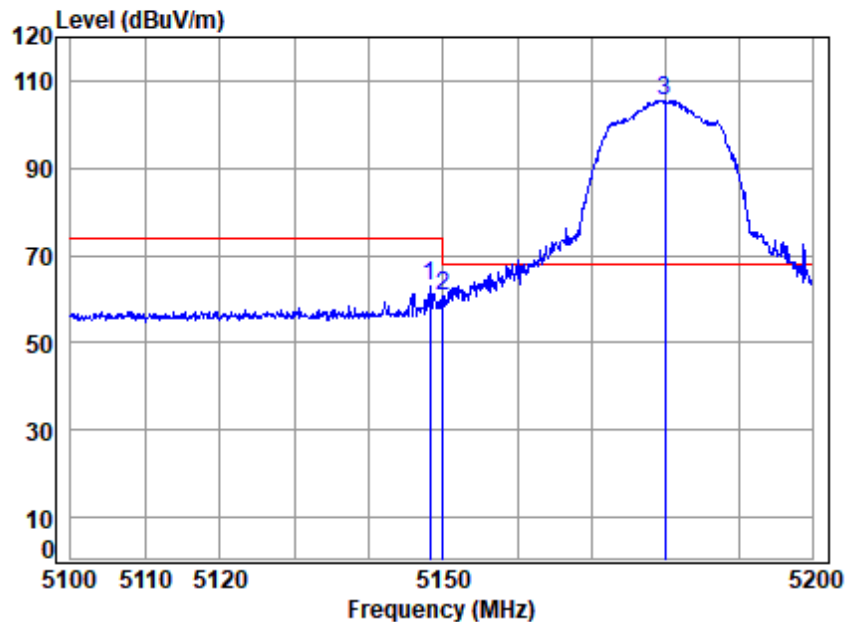
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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



Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

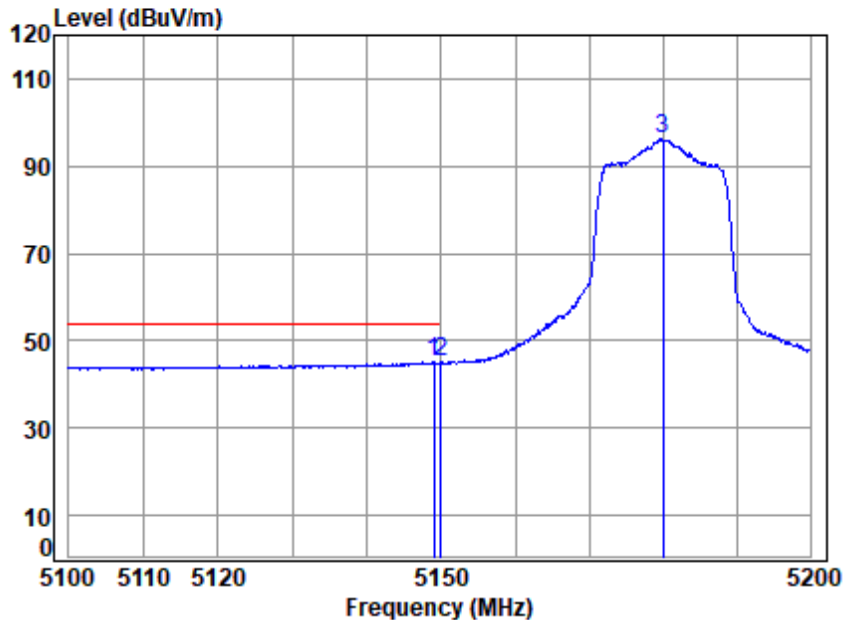
Mode : 5180 Band edge

: 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	5148.158	10.13	32.40	30.84	51.08	62.77	74.00	-11.23	peak
2	5149.980	10.14	32.40	30.84	49.07	60.77	74.00	-13.23	peak
3	pp 5180.000	10.25	32.46	30.83	93.73	105.61	68.20	37.41	peak



Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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

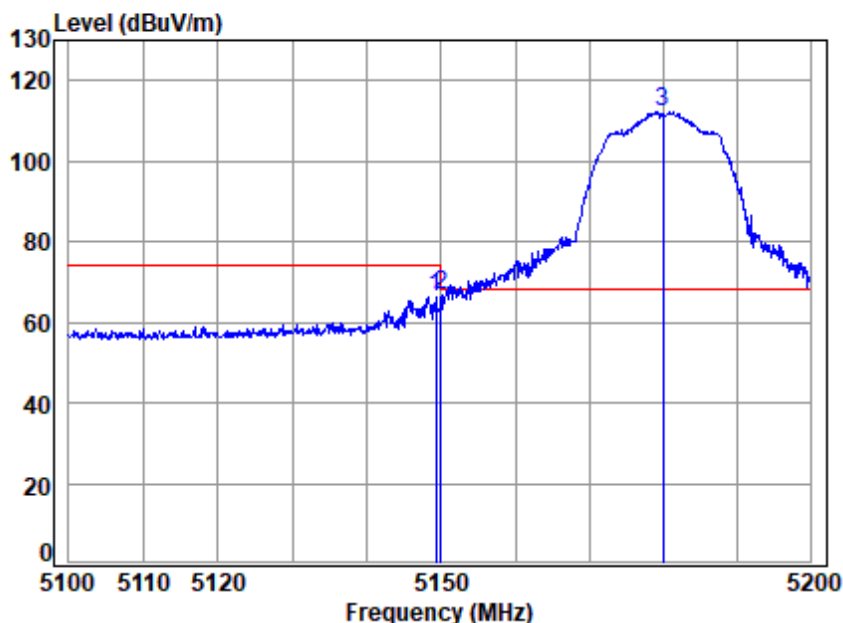
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.958	10.14	32.40	30.84	33.38	45.08	54.00	-8.92	Average
2 pp	5149.980	10.14	32.40	30.84	33.38	45.08	54.00	-8.92	Average
3	5180.000	10.25	32.46	30.83	84.26	96.14	-----	-----	Average



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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5180 Band edge

: 5G Wi-Fi 11A

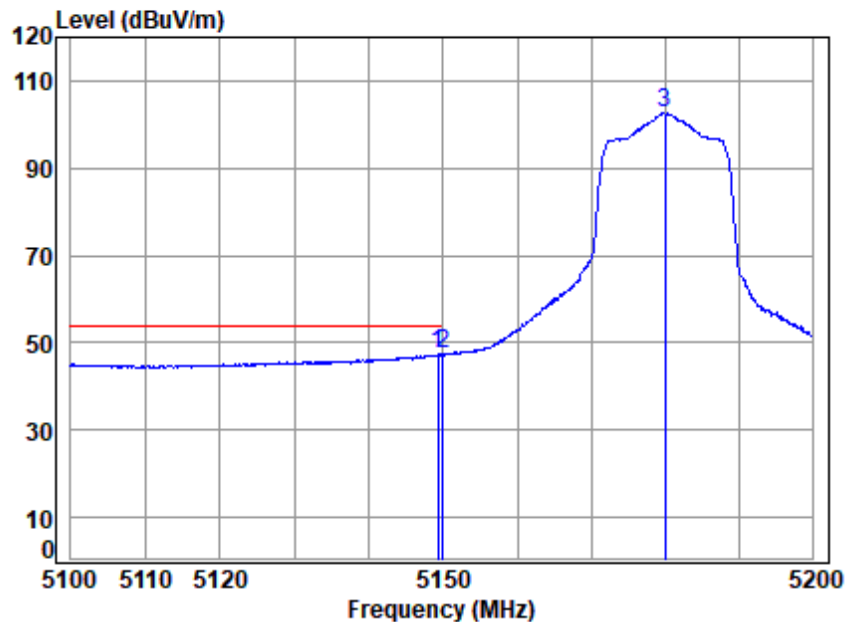
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.257	10.14	32.40	30.84	54.60	66.30	74.00	-7.70	Peak
2	5149.980	10.14	32.40	30.84	54.83	66.53	74.00	-7.47	Peak
3 pp	5180.000	10.25	32.46	30.83	100.20	112.08	68.20	43.88	Peak



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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5180 Band edge

: 5G Wi-Fi 11A

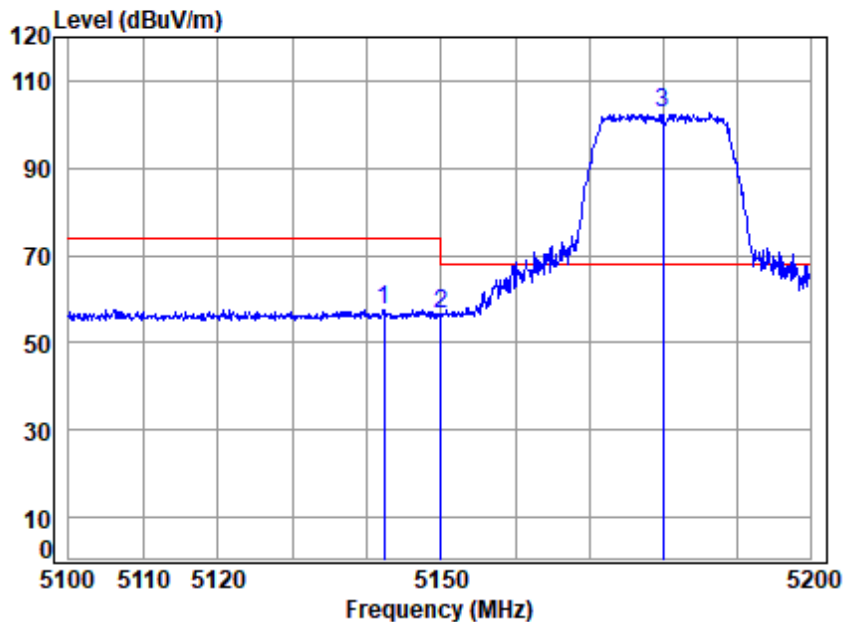
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.257	10.14	32.40	30.84	35.54	47.24	54.00	-6.76	Average
2 pp	5149.980	10.14	32.40	30.84	35.73	47.43	54.00	-6.57	Average
3	5180.000	10.25	32.46	30.83	90.74	102.62	-----	-----	Average



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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

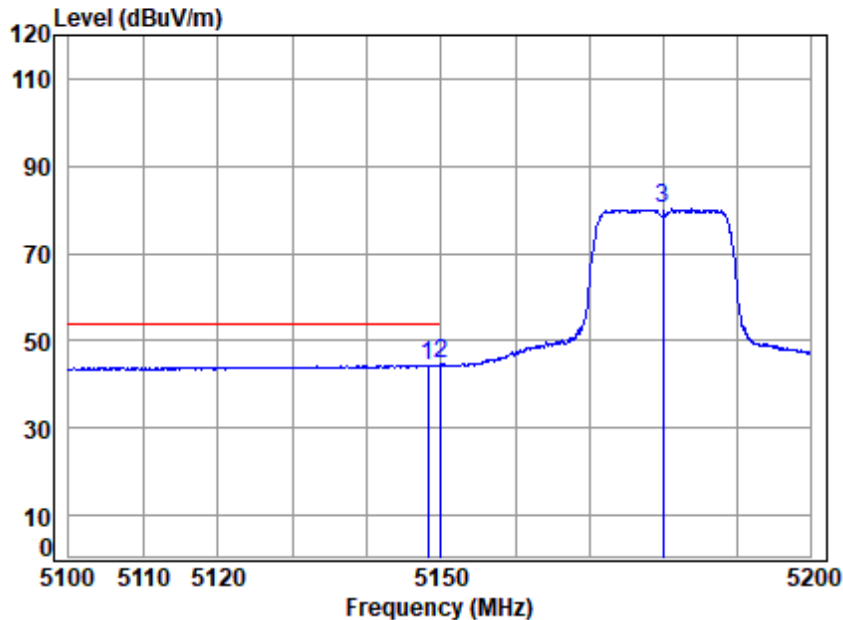
Mode : 5180 Band edge

: 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	5142.263	10.11	32.38	30.84	46.01	57.66	74.00	-16.34 peak
2	5149.980	10.14	32.40	30.84	45.09	56.79	74.00	-17.21 peak
3	pp 5180.000	10.25	32.46	30.83	90.62	102.50	68.20	34.30 peak



Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

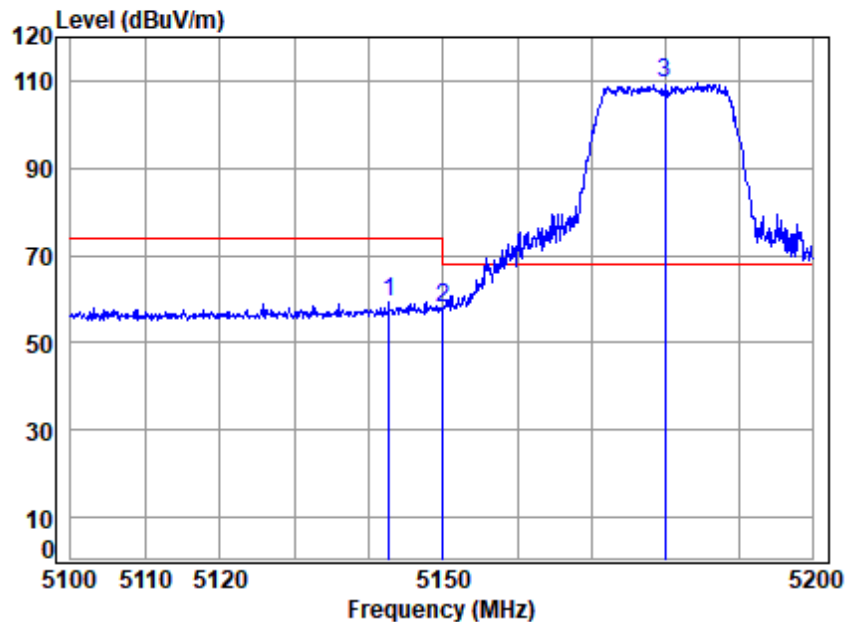
Job No : 02484AT/02485AT

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	5148.257	10.13	32.40	30.84	32.70	44.39	54.00	-9.61 Average
2 pp	5149.980	10.14	32.40	30.84	32.91	44.61	54.00	-9.39 Average
3	5180.000	10.25	32.46	30.83	68.24	80.12	-----	----- Average



Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

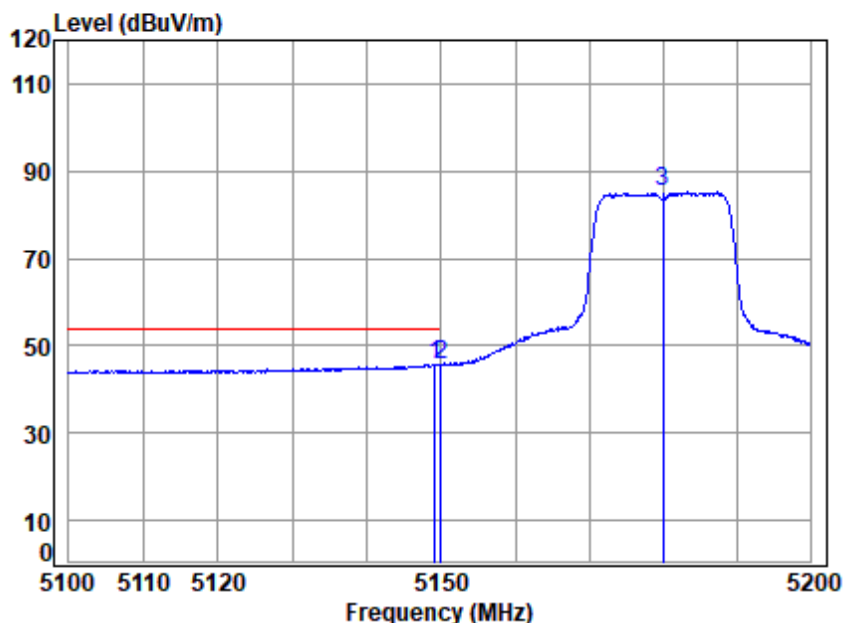
Job No : 02484AT/02485AT

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	5142.662	10.11	32.39	30.84	47.55	59.21	74.00	-14.79	Peak
2	5149.980	10.14	32.40	30.84	46.37	58.07	74.00	-15.93	Peak
3	pp 5180.000	10.25	32.46	30.83	97.44	109.32	68.20	41.12	Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

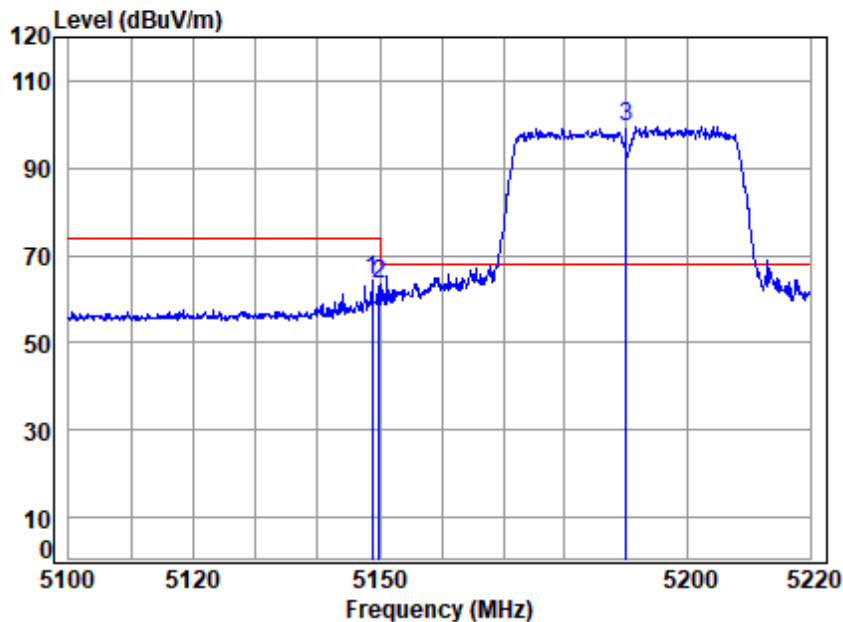
Mode : 5180 Band edge

: 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	5149.157	10.14	32.40	30.84	34.05	45.75	54.00	-8.25	Average
2 pp	5149.980	10.14	32.40	30.84	34.14	45.84	54.00	-8.16	Average
3	5180.000	10.25	32.46	30.83	73.31	85.19	-----	-----	Average



Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

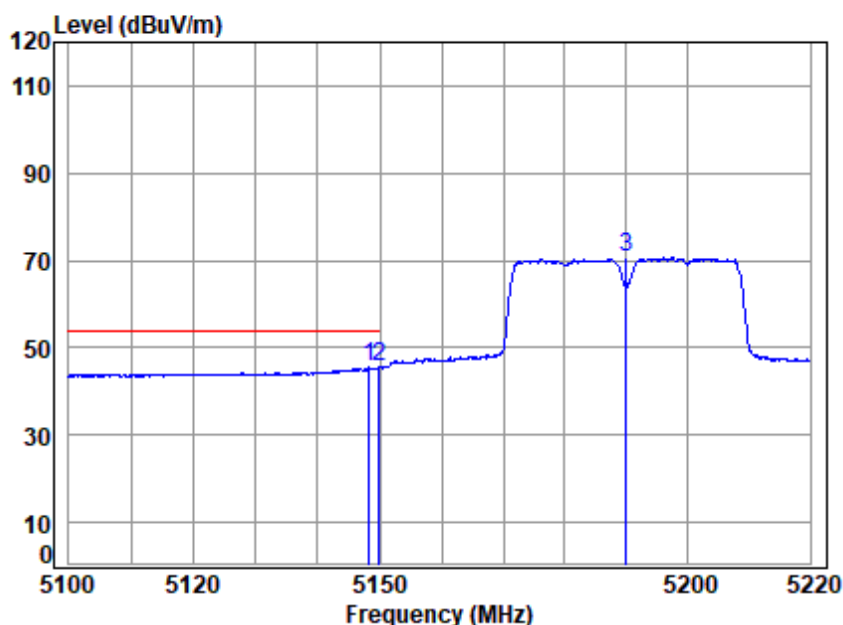
Job No : 02484AT/02485AT

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	5148.743	10.14	32.40	30.84	52.56	64.26	74.00 -9.74 peak
2	5149.980	10.14	32.40	30.84	51.85	63.55	74.00 -10.45 peak
3	pp 5190.000	10.29	32.48	30.82	87.61	99.56	68.20 31.36 peak



Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	33.72	45.41	54.00	-8.59 Average
2 pp	5149.980	10.14	32.40	30.84	33.85	45.55	54.00	-8.45 Average
3	5190.000	10.29	32.48	30.82	58.75	70.70	-----	----- Average



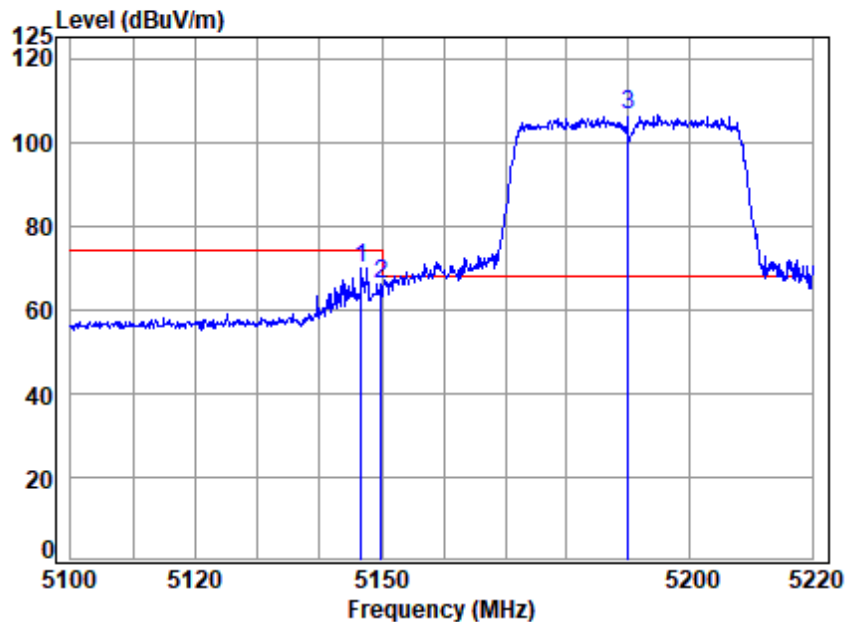
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

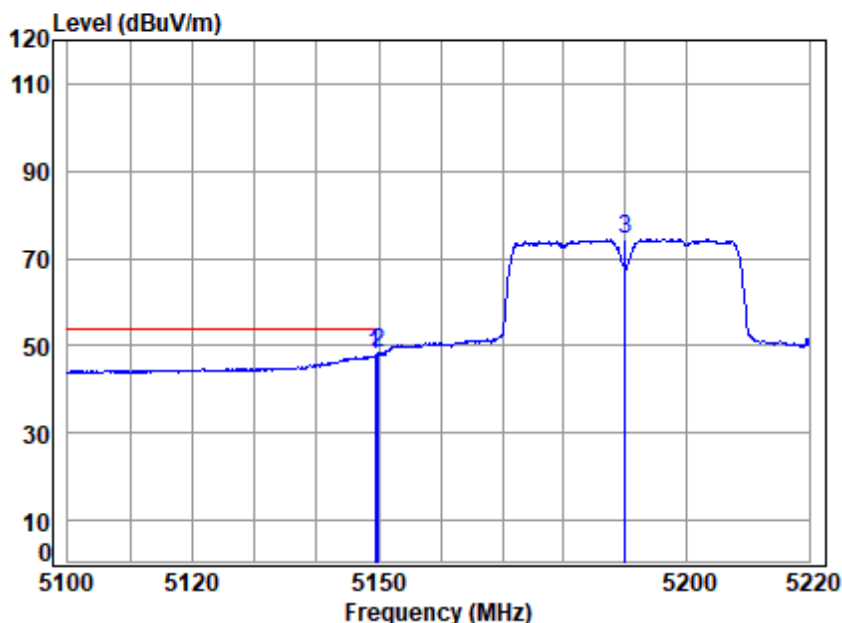
Job No : 02484AT/02485AT

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	5146.708	10.13	32.39	30.84	58.05	69.73	74.00 -4.27 Peak
2	5149.980	10.14	32.40	30.84	54.33	66.03	74.00 -7.97 Peak
3	pp 5190.000	10.29	32.48	30.82	94.45	106.40	68.20 38.20 Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

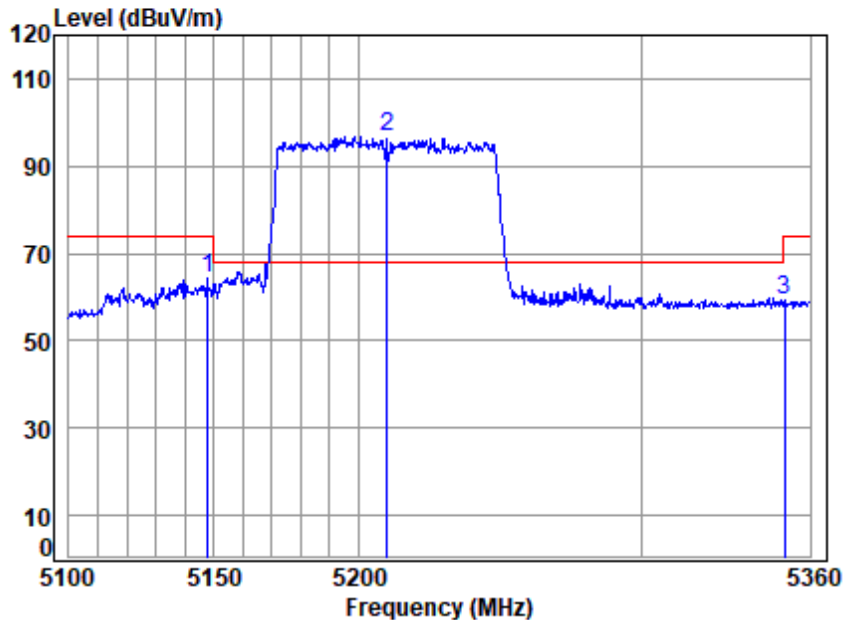
Job No : 02484AT/02485AT

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	36.17	47.87	54.00	-6.13 Average
2 pp	5149.980	10.14	32.40	30.84	36.57	48.27	54.00	-5.73 Average
3	5190.000	10.29	32.48	30.82	62.51	74.46	-----	----- Average



Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

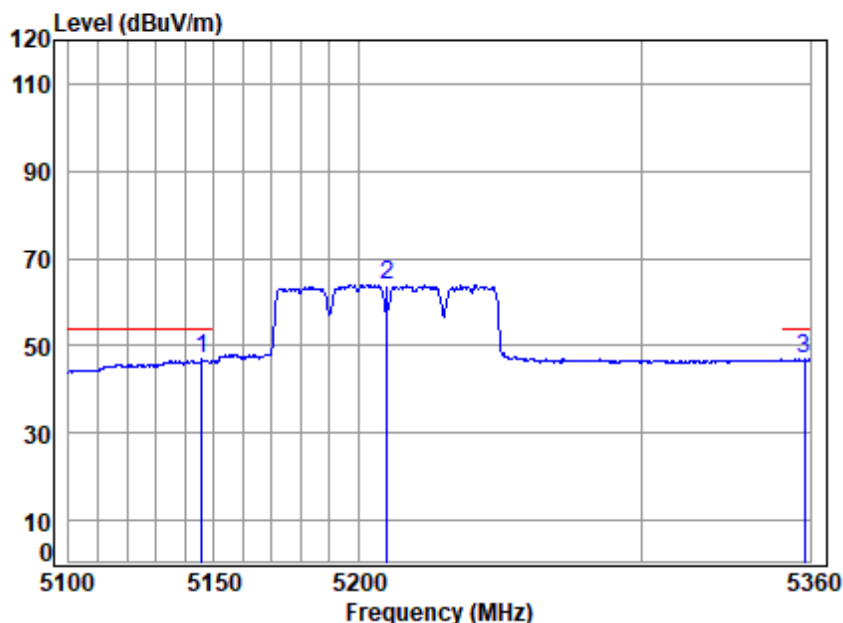
Mode : 5210 Band edge

: 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	5147.643	10.13	32.40	30.84	52.79	64.48	74.00	-9.52	peak
2 pp	5210.000	10.32	32.52	30.82	84.72	96.74	68.20	28.54	peak
3	5350.946	10.45	32.80	30.76	46.75	59.24	74.00	-14.76	peak



Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

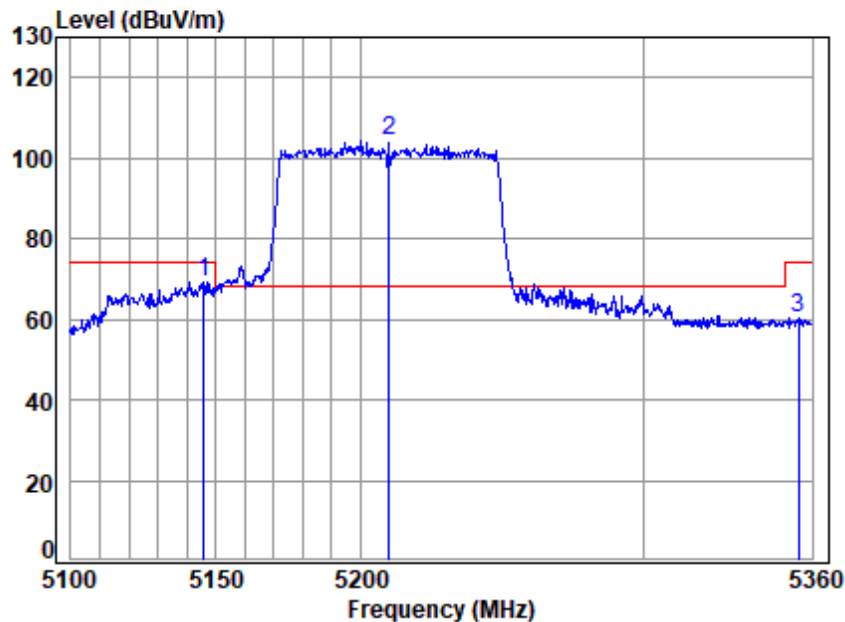
Mode : 5210 Band edge

: 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 pp	5145.851	10.12	32.39	30.84	35.29	46.96	54.00	-7.04	Average
2	5210.000	10.32	32.52	30.82	51.94	63.96	-----	-----	Average
3	5357.868	10.48	32.80	30.76	34.41	46.93	54.00	-7.07	Average



Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

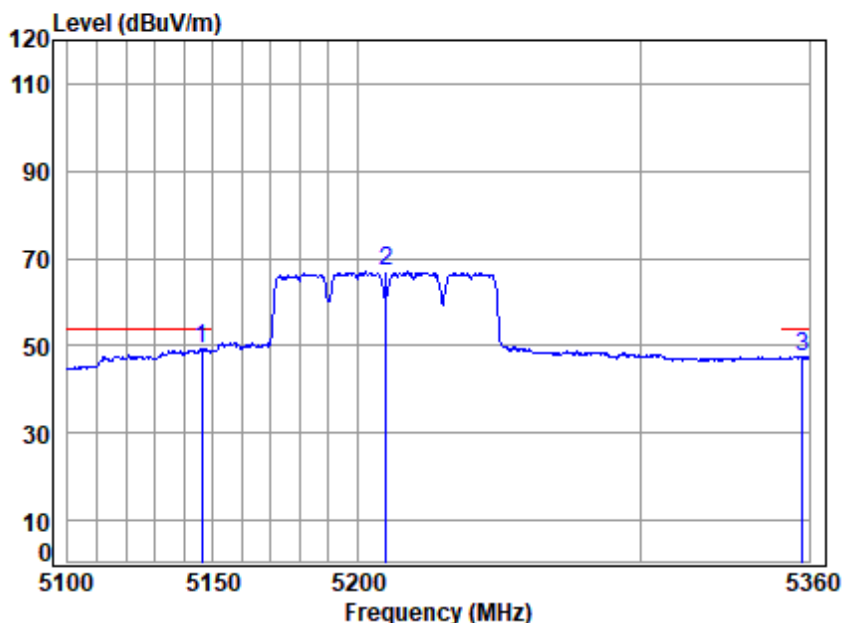
Job No : 02484AT/02485AT

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	5145.851	10.12	32.39	30.84	57.65	69.32	74.00	-4.68	Peak
2 pp	5210.000	10.32	32.52	30.82	92.11	104.13	68.20	35.93	Peak
3	5355.205	10.47	32.80	30.76	47.93	60.44	74.00	-13.56	Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

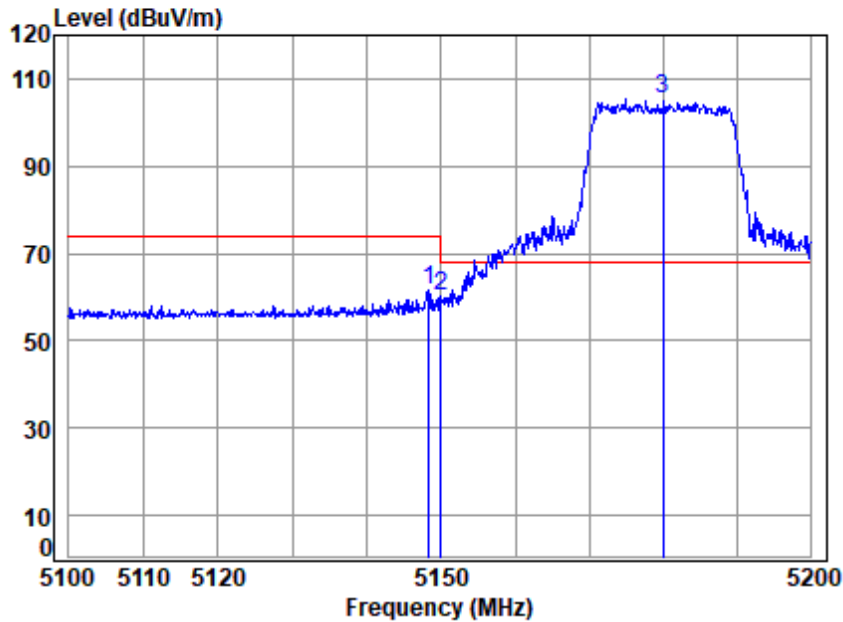
Job No : 02484AT/02485AT

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 pp	5146.107	10.13	32.39	30.84	37.52	49.20	54.00	-4.80	Average
2	5210.000	10.32	32.52	30.82	54.95	66.97	-----	-----	Average
3	5357.602	10.48	32.80	30.76	35.05	47.57	54.00	-6.43	Average



Test Mode: 05; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

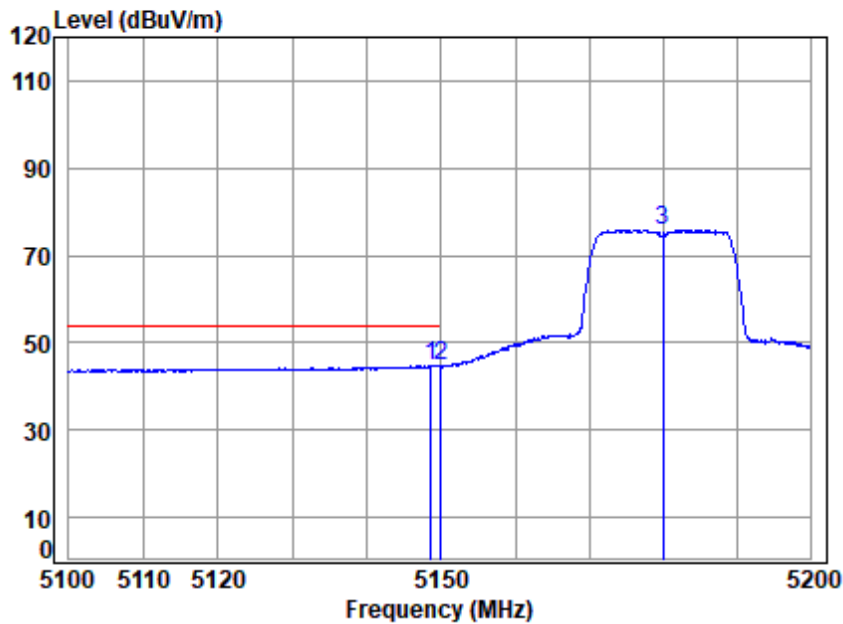
Mode : 5180 Band edge

: 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	5148.357	10.13	32.40	30.84	50.10	61.79	74.00	-12.21	peak
2	5149.980	10.14	32.40	30.84	48.53	60.23	74.00	-13.77	peak
3	5180.000	10.25	32.46	30.83	93.31	105.19	68.20	36.99	peak



Test Mode: 05; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

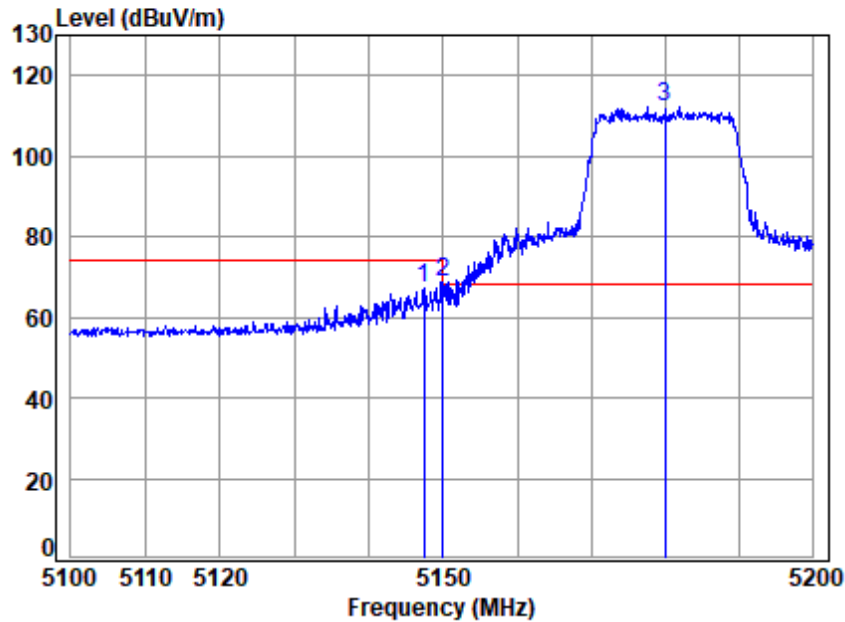
Mode : 5180 Band edge

: 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 pp	5148.558	10.13	32.40	30.84	33.22	44.91	54.00	-9.09	Average
2	5149.980	10.14	32.40	30.84	33.12	44.82	54.00	-9.18	Average
3	5180.000	10.25	32.46	30.83	64.06	75.94	-----	-----	Average



Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

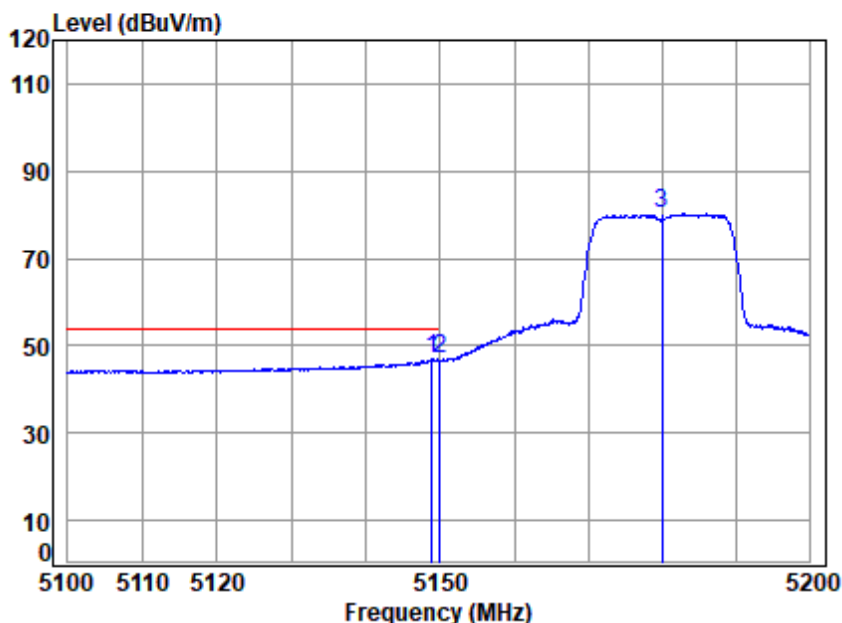
Job No : 02484AT/02485AT

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	5147.458	10.13	32.39	30.84	55.39	67.07	74.00 -6.93 Peak
2	5149.980	10.14	32.40	30.84	56.90	68.60	74.00 -5.40 Peak
3	pp 5180.000	10.25	32.46	30.83	100.38	112.26	68.20 44.06 Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

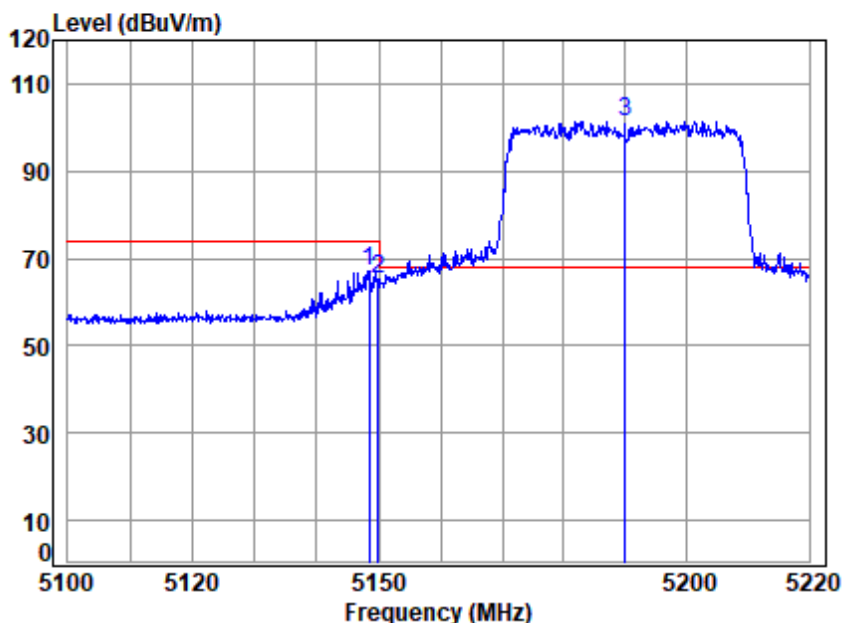
Mode : 5180 Band edge

: 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 pp	5148.857	10.14	32.40	30.84	35.32	47.02	54.00	-6.98	Average
2	5149.980	10.14	32.40	30.84	35.08	46.78	54.00	-7.22	Average
3	5180.000	10.25	32.46	30.83	68.39	80.27	-----	-----	Average



Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

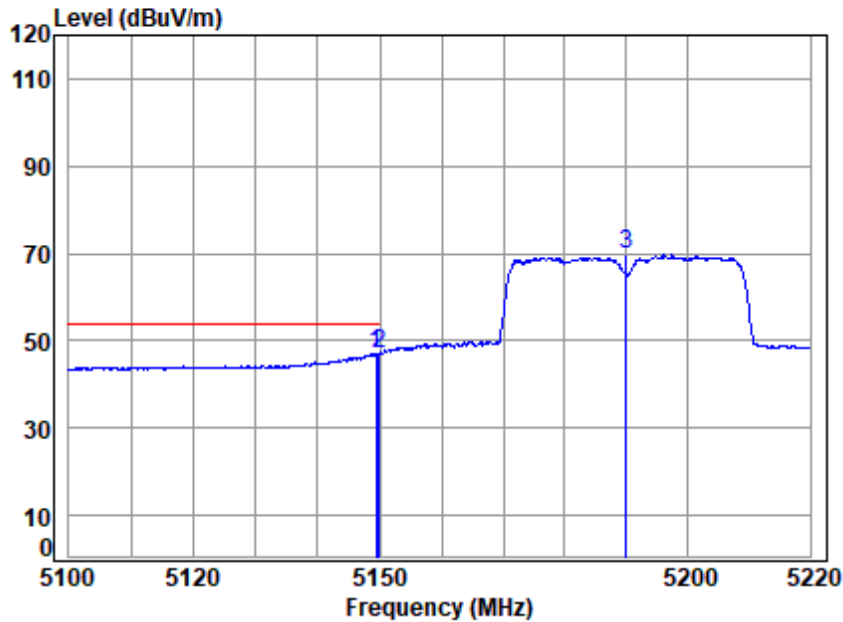
Mode : 5190 Band edge

: 5G Wi-Fi 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	
5148.503	10.13	32.40	30.84	55.48	67.17	74.00	-6.83	peak
5149.980	10.14	32.40	30.84	53.65	65.35	74.00	-8.65	peak
5190.000	10.29	32.48	30.82	89.40	101.35	68.20	33.15	peak



Test Mode: 05; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

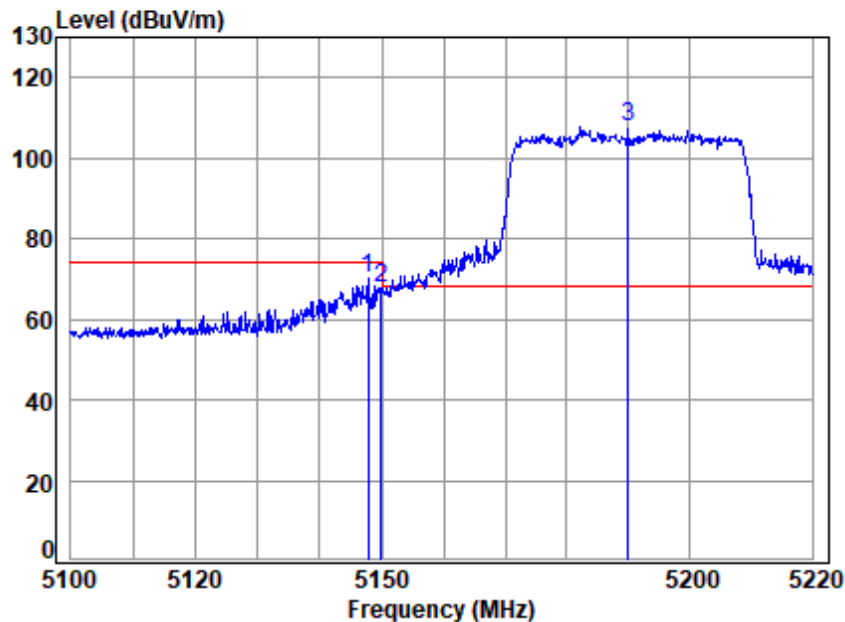
Mode : 5190 Band edge

: 5G Wi-Fi 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	5149.461	10.14	32.40	30.84	35.24	46.94	54.00	-7.06	Average
2 pp	5149.980	10.14	32.40	30.84	35.43	47.13	54.00	-6.87	Average
3	5190.000	10.29	32.48	30.82	57.78	69.73	-----	-----	Average



Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

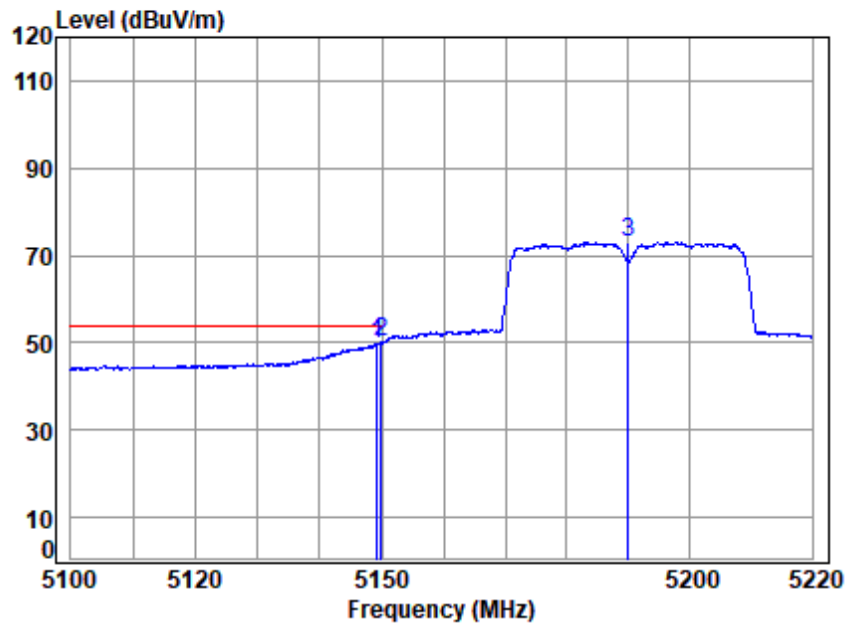
Mode : 5190 Band edge

: 5G Wi-Fi 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	5147.785	10.13	32.40	30.84	58.54	70.23	74.00 -3.77 Peak
2	5149.980	10.14	32.40	30.84	56.07	67.77	74.00 -6.23 Peak
3	pp 5190.000	10.29	32.48	30.82	95.58	107.53	68.20 39.33 Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

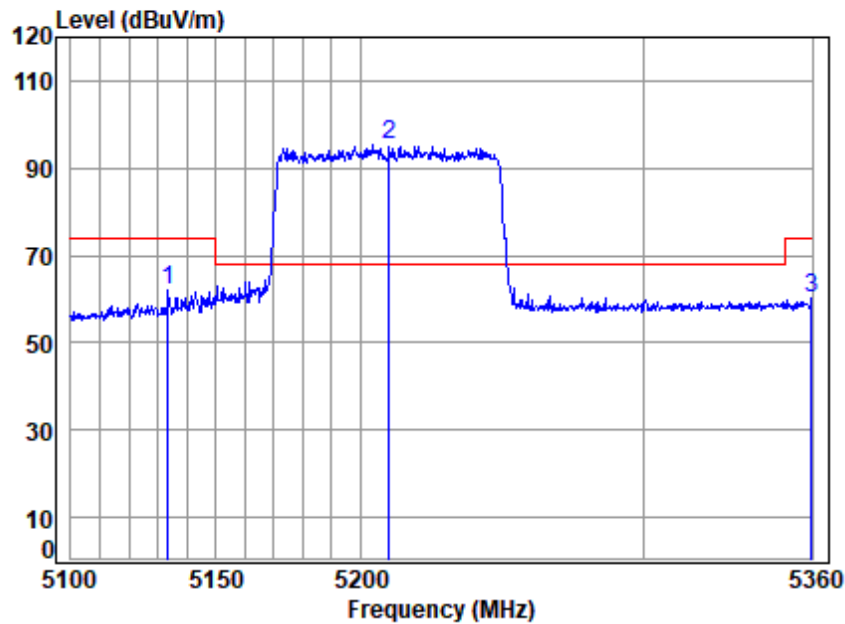
Mode : 5190 Band edge

: 5G Wi-Fi 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	5149.342	10.14	32.40	30.84	38.17	49.87	54.00	-4.13	Average
2 pp	5149.980	10.14	32.40	30.84	38.43	50.13	54.00	-3.87	Average
3	5190.000	10.29	32.48	30.82	61.22	73.17	-----	-----	Average



Test Mode: 05; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5210 Band edge

: 5G Wi-Fi 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	5133.329	10.08	32.37	30.85	50.23	61.83	74.00	-12.17	peak
2 pp	5210.000	10.32	32.52	30.82	83.26	95.28	68.20	27.08	peak
3	5359.733	10.48	32.80	30.76	47.80	60.32	74.00	-13.68	peak



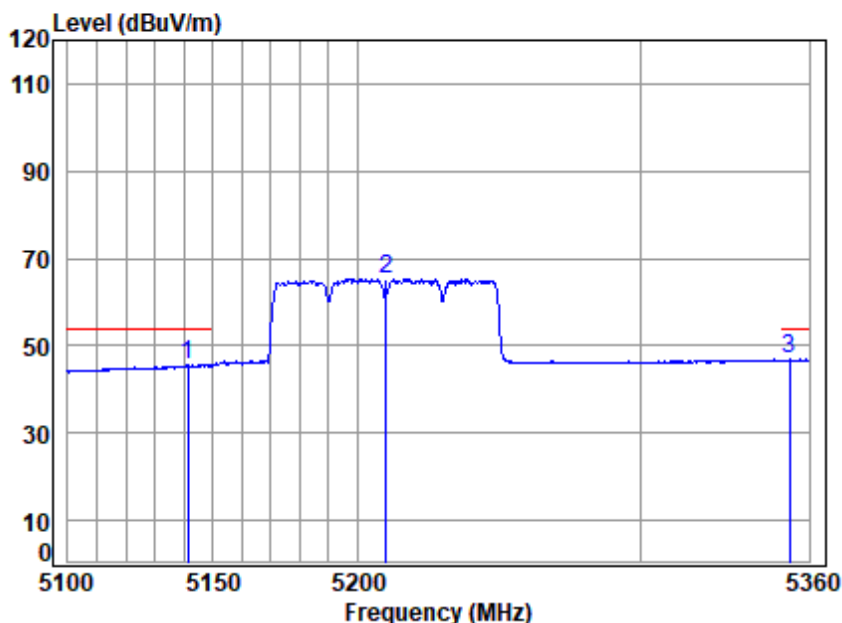
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SZEMC-TRF-01 Rev. A/1

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5210 Band edge
: 5G Wi-Fi 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	5141.248	10.11	32.38	30.84	33.95	45.60	54.00	-8.40	Average
2	5210.000	10.32	32.52	30.82	53.41	65.43	-----	-----	Average
3 pp	5353.075	10.46	32.80	30.76	34.32	46.82	54.00	-7.18	Average



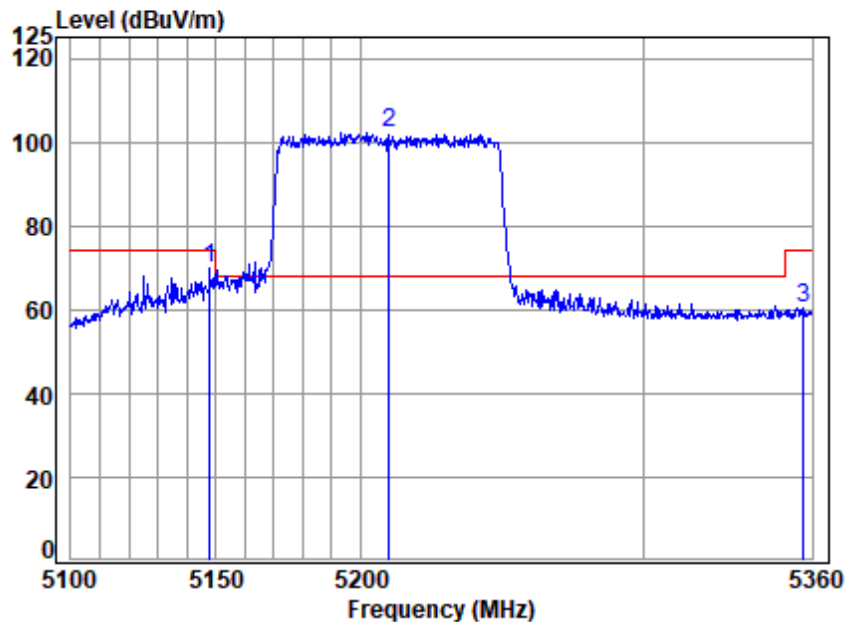
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Shenzhen Branch Inspection & Testing Laboratory

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

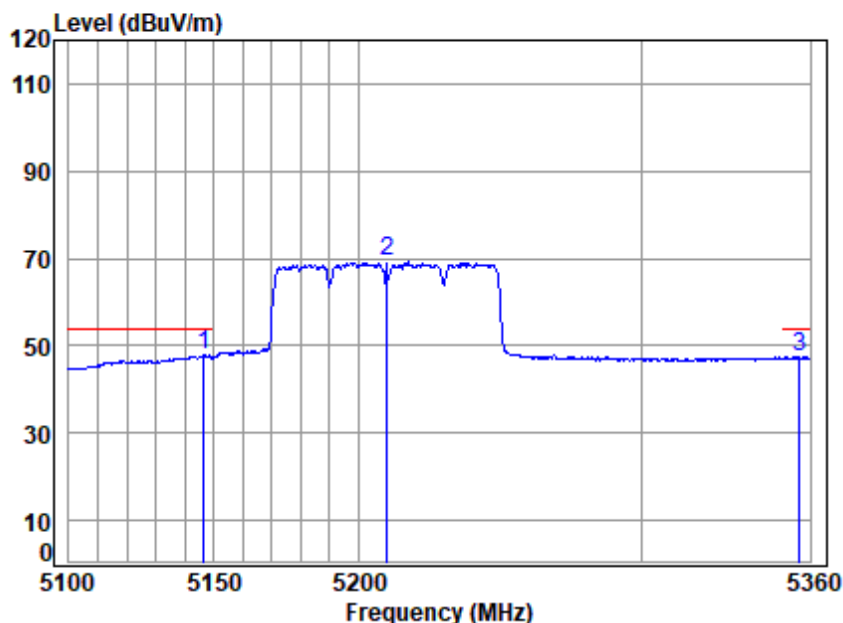
Job No : 02484AT/02485AT

Mode : 5210 Band edge
: 5G Wi-Fi 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	5147.643	10.13	32.40	30.84	57.97	69.66	74.00	-4.34	Peak
2 pp	5210.000	10.32	32.52	30.82	90.14	102.16	68.20	33.96	Peak
3	5357.069	10.47	32.80	30.76	47.91	60.42	74.00	-13.58	Peak



Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

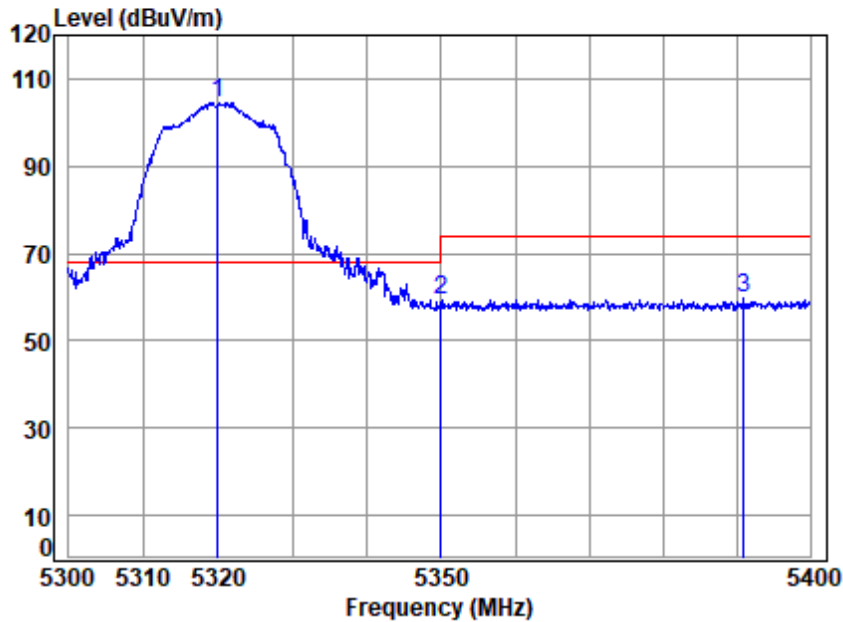
Job No : 02484AT/02485AT

Mode : 5210 Band edge
: 5G Wi-Fi 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	5146.363	10.13	32.39	30.84	36.18	47.86	54.00	-6.14	Average
2	5210.000	10.32	32.52	30.82	57.12	69.14	-----	-----	Average
3	5356.270	10.47	32.80	30.76	34.98	47.49	54.00	-6.51	Average



Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

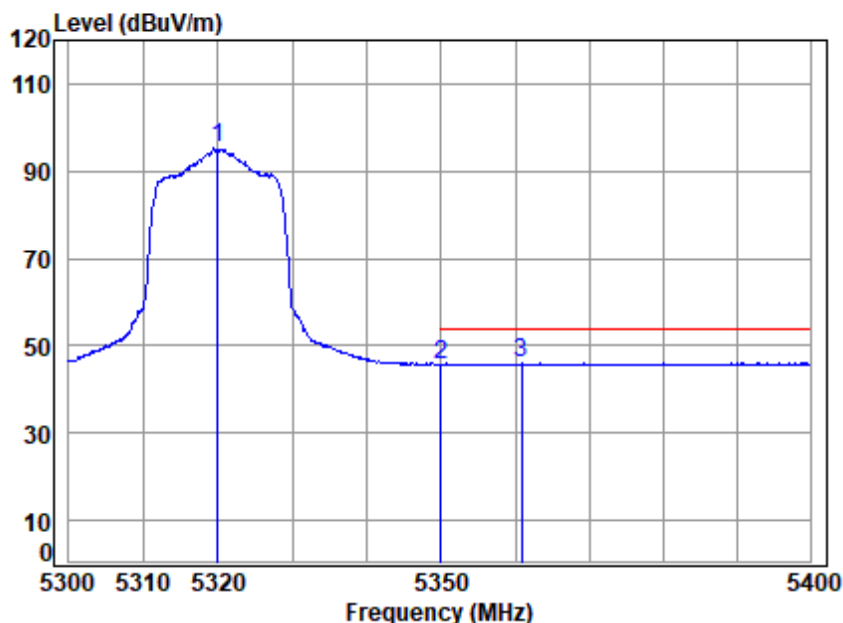
Mode : 5320 Band edge

: 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	92.33	104.65	68.20	36.45	peak
2	5350.020	10.45	32.80	30.76	46.87	59.36	74.00	-14.64	peak
3	5391.024	10.59	32.80	30.74	46.93	59.58	74.00	-14.42	peak



Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

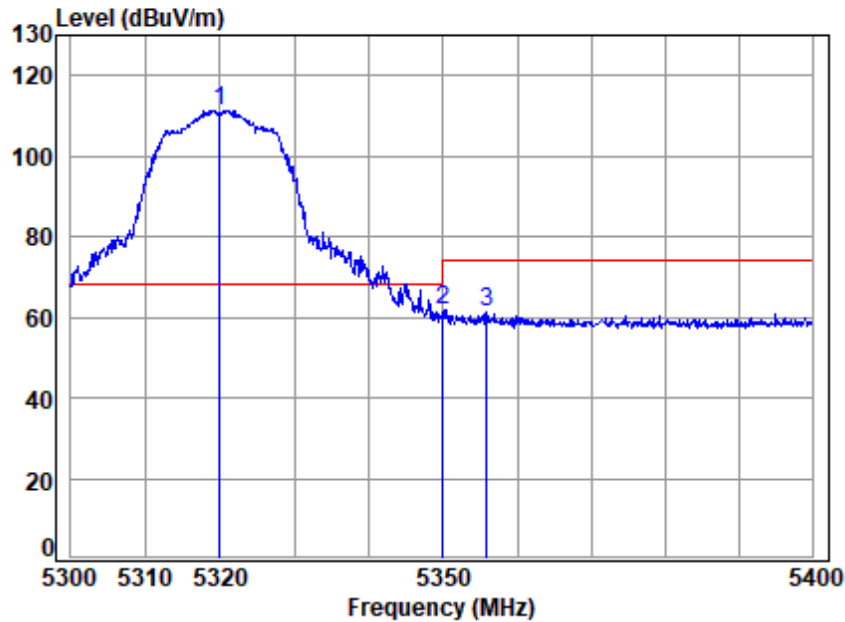
Mode : 5320 Band edge

: 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	5320.000	10.35	32.74	30.77	82.83	95.15	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.35	45.84	54.00	-8.16	Average
3	pp 5360.878	10.49	32.80	30.76	33.51	46.04	54.00	-7.96	Average



Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	99.07	111.39	68.20	43.19	Peak
2	5350.020	10.45	32.80	30.76	49.29	61.78	74.00	-12.22	Peak
3	5355.870	10.47	32.80	30.76	48.73	61.24	74.00	-12.76	Peak



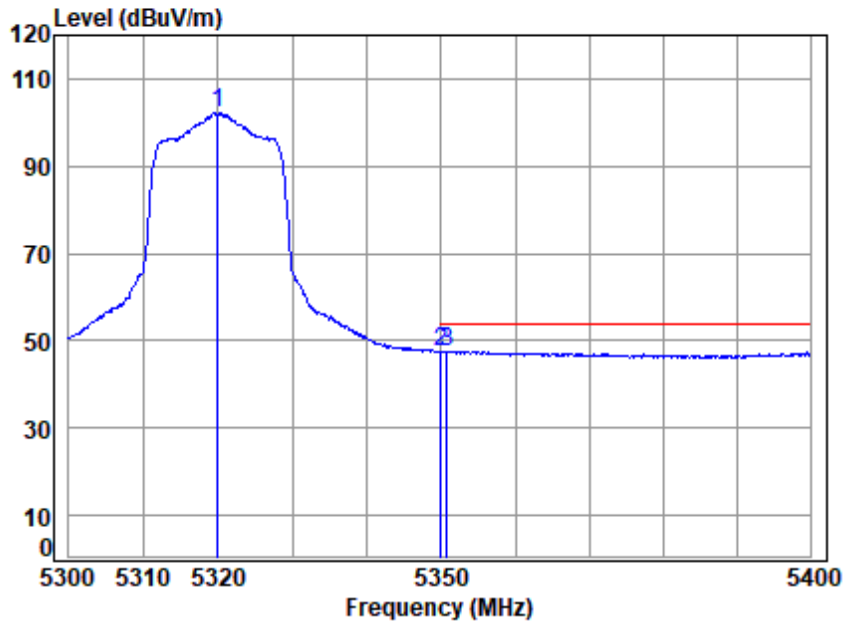
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

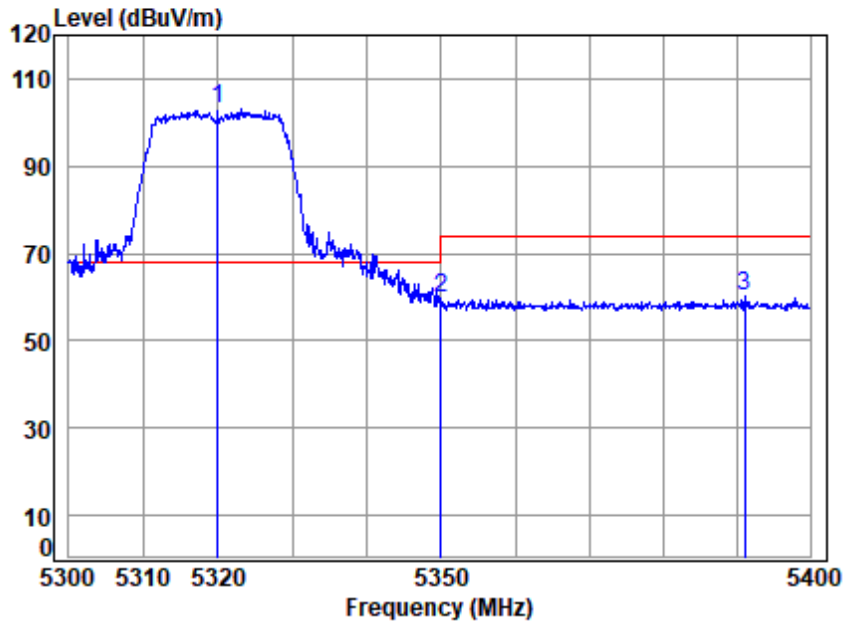
Mode : 5320 Band edge

: 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	90.02	102.34	-----	-----	Average
2	5350.020	10.45	32.80	30.76	35.02	47.51	54.00	-6.49	Average
3 pp	5350.767	10.45	32.80	30.76	35.11	47.60	54.00	-6.40	Average



Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

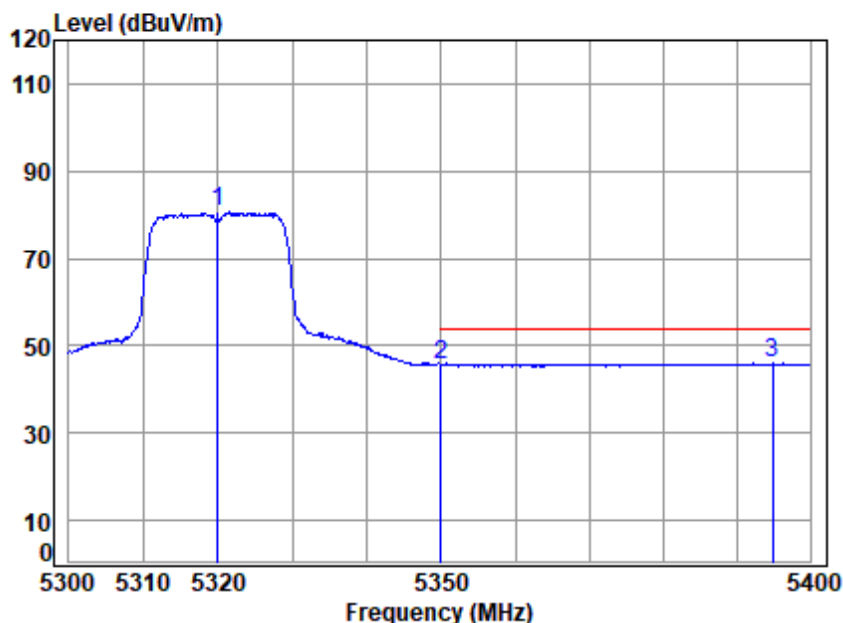
Job No : 02484AT/02485AT

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	90.79	103.11	68.20	34.91	peak
2	5350.020	10.45	32.80	30.76	47.16	59.65	74.00	-14.35	peak
3	5391.125	10.59	32.80	30.74	47.67	60.32	74.00	-13.68	peak



Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

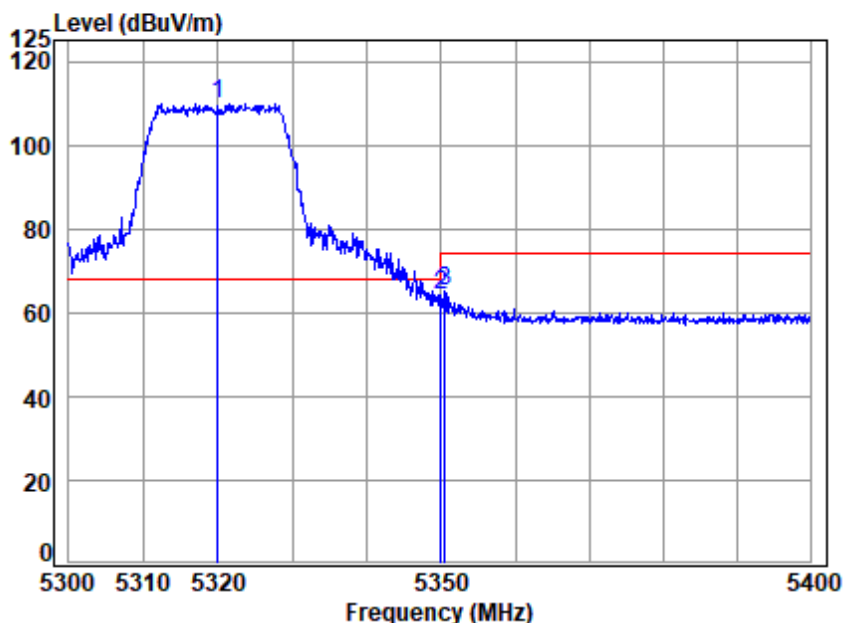
Mode : 5320 Band edge

: 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	68.25	80.57	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.19	45.68	54.00	-8.32	Average
3 pp	5394.956	10.60	32.80	30.74	33.35	46.01	54.00	-7.99	Average



Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

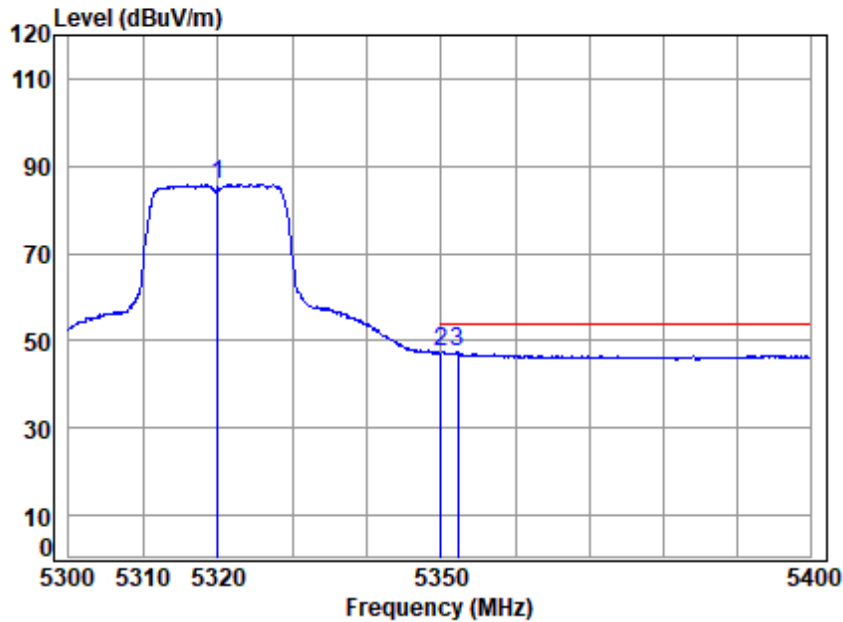
Job No : 02484AT/02485AT

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	97.67	109.99	68.20	41.79	Peak
2	5350.020	10.45	32.80	30.76	51.62	64.11	74.00	-9.89	Peak
3	5350.566	10.45	32.80	30.76	52.58	65.07	74.00	-8.93	Peak



Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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	73.49	85.81	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	34.95	47.44	54.00	-6.56	Average
3	5352.267	10.46	32.80	30.76	34.89	47.39	54.00	-6.61	Average



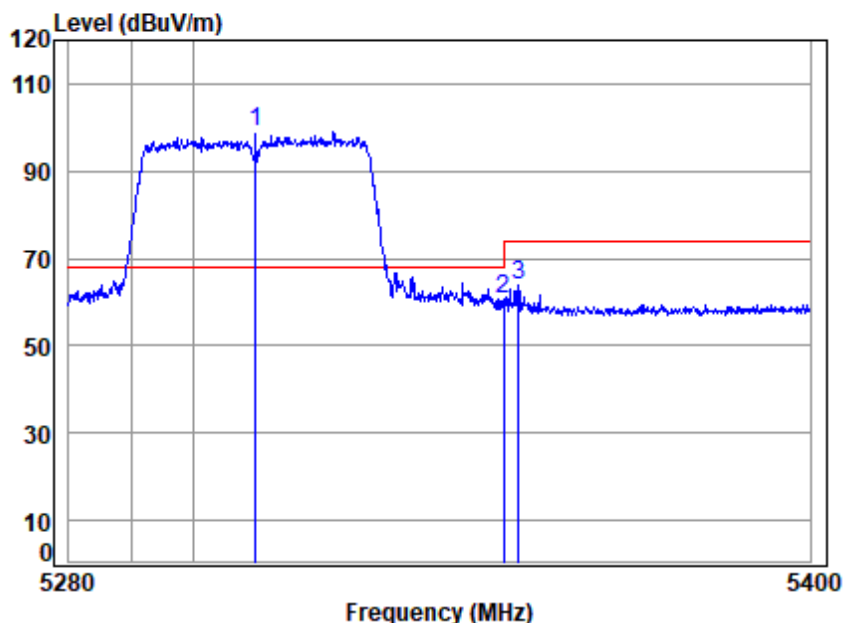
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

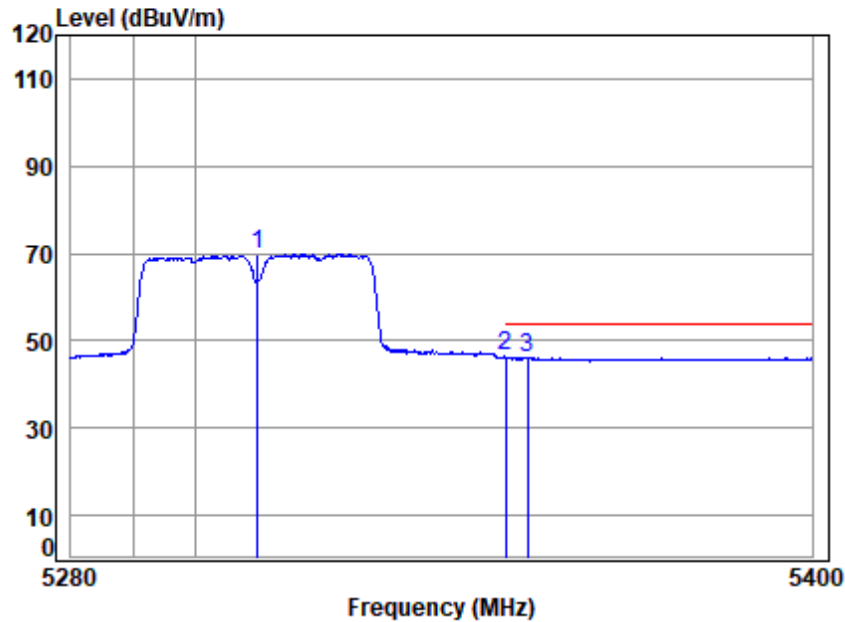
Mode : 5310 Band edge

: 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	86.57	98.82	68.20	30.62	peak
2	5350.020	10.45	32.80	30.76	48.17	60.66	74.00	-13.34	peak
3	5352.518	10.46	32.80	30.76	51.42	63.92	74.00	-10.08	peak



Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

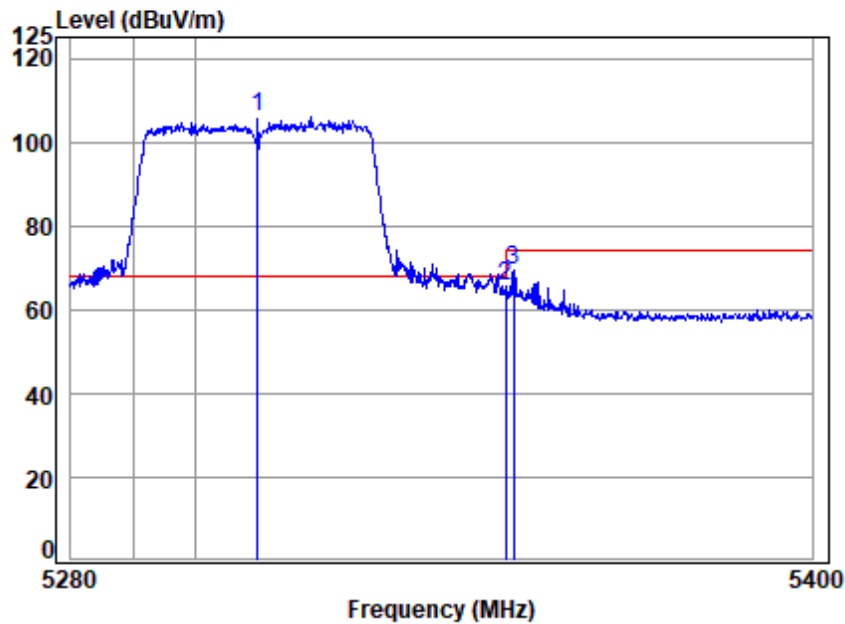
Job No : 02484AT/02485AT

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	57.62	69.87	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	33.98	46.47	54.00	-7.53	Average
3	5353.601	10.46	32.80	30.76	33.73	46.23	54.00	-7.77	Average



Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

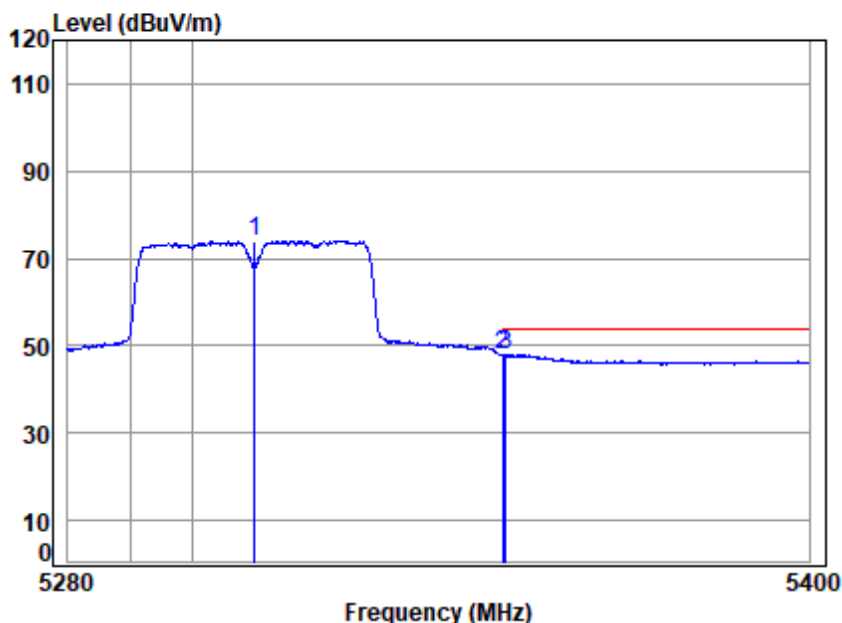
Job No : 02484AT/02485AT

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	93.58	105.83	68.20	37.63	Peak
2	5350.020	10.45	32.80	30.76	52.91	65.40	74.00	-8.60	Peak
3	5351.315	10.45	32.80	30.76	56.74	69.23	74.00	-4.77	Peak



Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

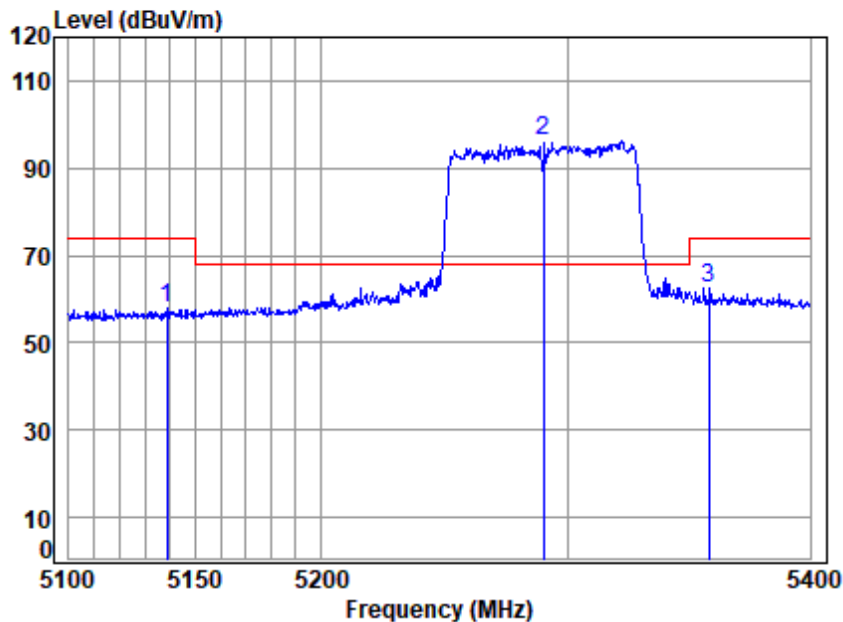
Mode : 5310 Band edge

: 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	61.87	74.12	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	35.58	48.07	54.00	-5.93	Average
3	5350.594	10.45	32.80	30.76	35.45	47.94	54.00	-6.06	Average



Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	5138.625	10.10	32.38	30.84	46.34	57.98	74.00	-16.02	peak
2 pp	5290.000	10.28	32.68	30.78	83.97	96.15	68.20	27.95	peak
3	5358.186	10.48	32.80	30.76	50.18	62.70	74.00	-11.30	peak



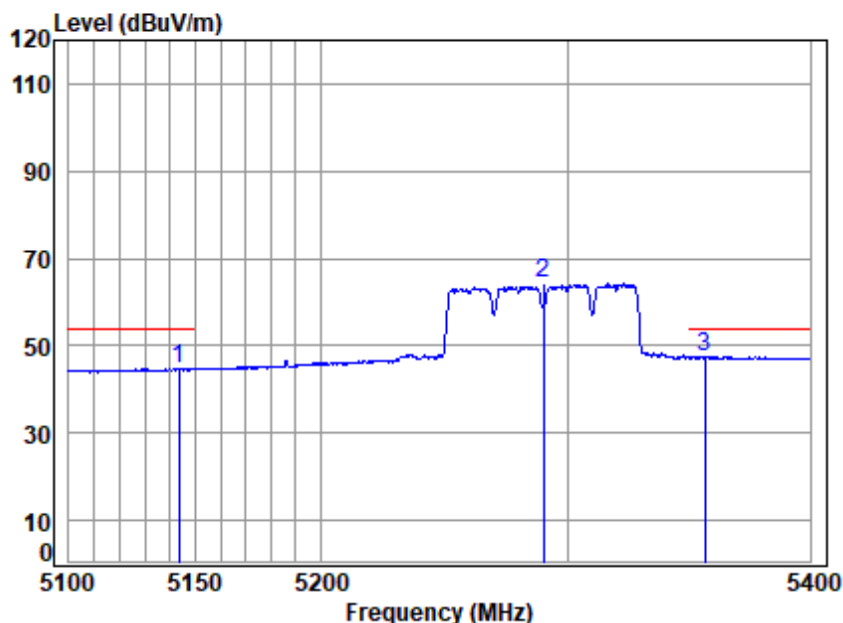
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250600248405

Page: 135 of 536

Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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 5143.326	10.11	32.39	30.84	33.04	44.70	54.00	-9.30 Average
2 5290.000	10.28	32.68	30.78	51.95	64.13	-----	----- Average
3 pp 5356.348	10.47	32.80	30.76	35.00	47.51	54.00	-6.49 Average



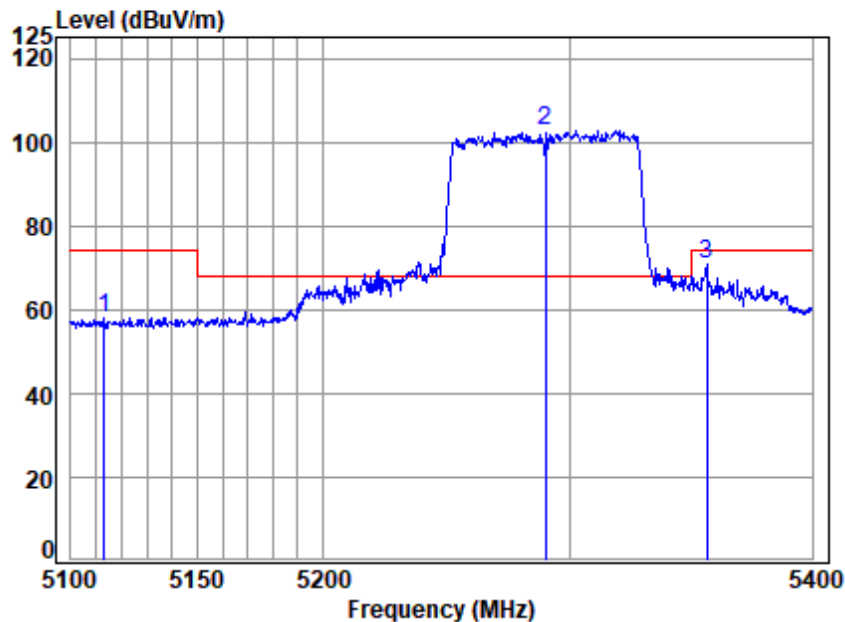
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

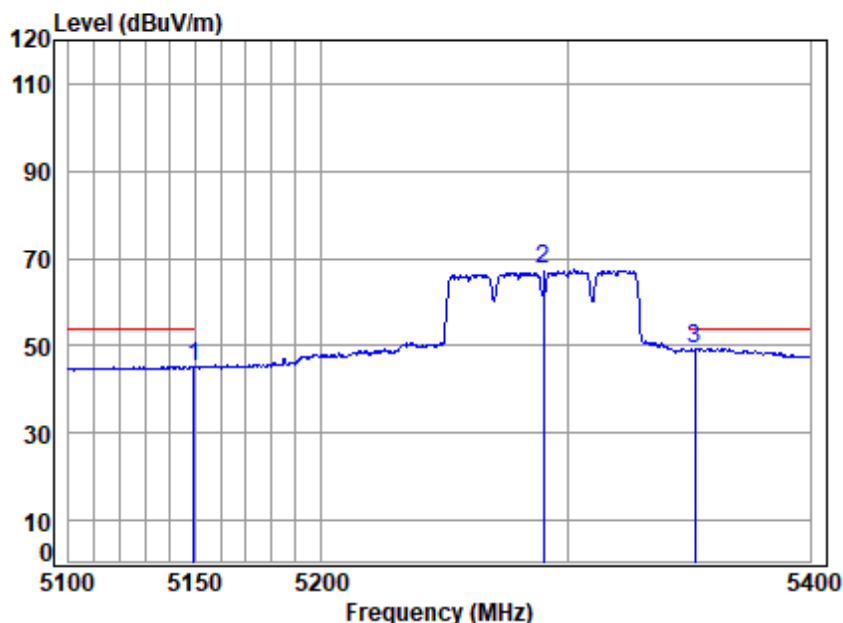
Mode : 5290 Band edge

: 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	5113.135	10.00	32.33	30.85	46.72	58.20	74.00	-15.80	Peak
2 pp	5290.000	10.28	32.68	30.78	90.62	102.80	68.20	34.60	Peak
3	5356.348	10.47	32.80	30.76	58.20	70.71	74.00	-3.29	Peak



Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

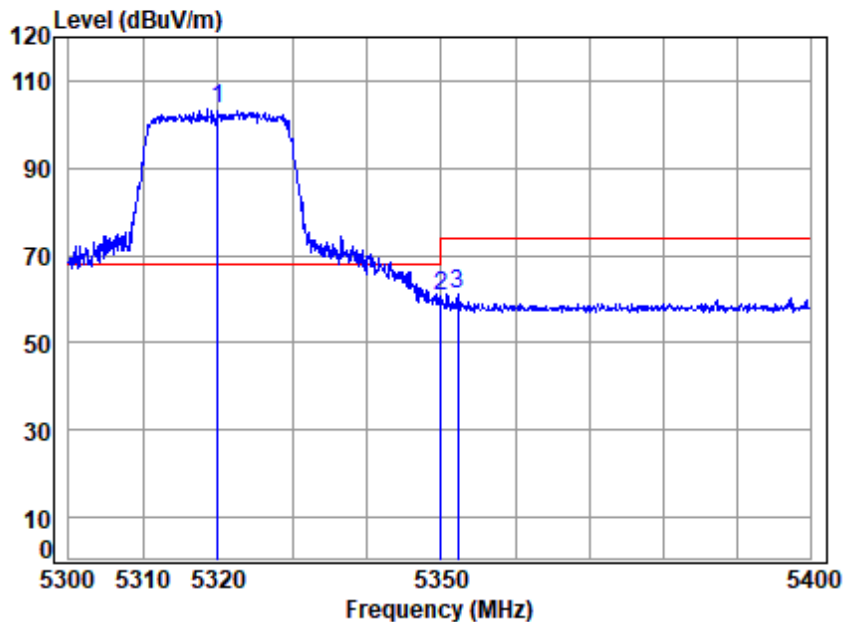
Mode : 5290 Band edge

: 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 5149.503	10.14	32.40	30.84	33.47	45.17	54.00	-8.83	Average
2 5290.000	10.28	32.68	30.78	55.19	67.37	-----	-----	Average
3 pp 5352.370	10.46	32.80	30.76	37.00	49.50	54.00	-4.50	Average



Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	91.21	103.53	68.20	35.33	peak
2	5350.020	10.45	32.80	30.76	48.08	60.57	74.00	-13.43	peak
3	5352.267	10.46	32.80	30.76	48.82	61.32	74.00	-12.68	peak



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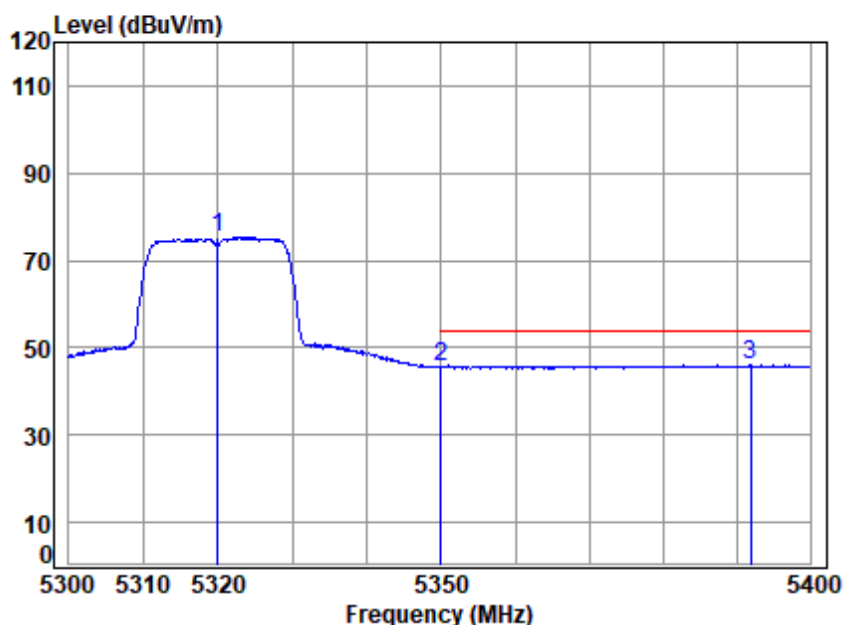
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Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	62.95	75.27	-----	-----	Average
2 5350.020	10.45	32.80	30.76	33.26	45.75	54.00	-8.25	Average
3 pp 5391.931	10.59	32.80	30.74	33.32	45.97	54.00	-8.03	Average



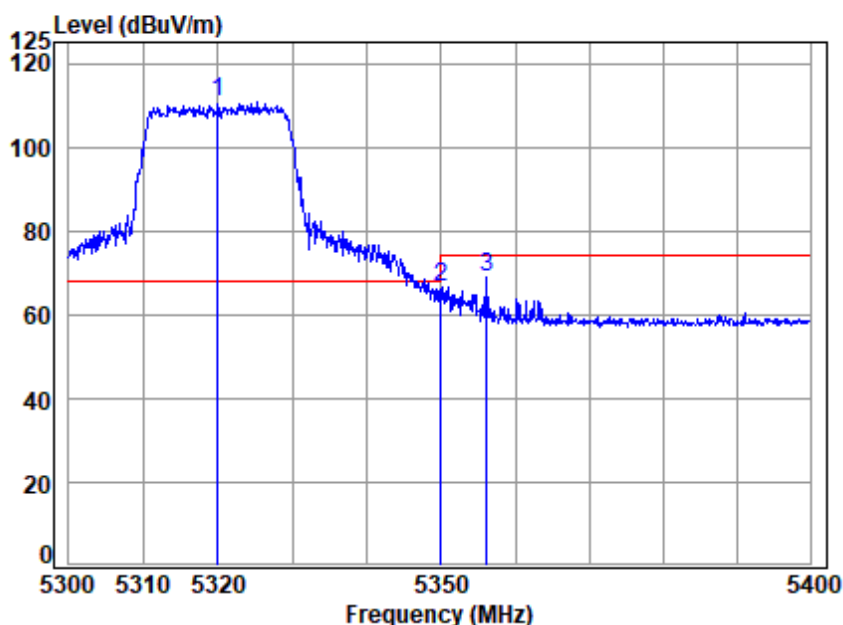
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

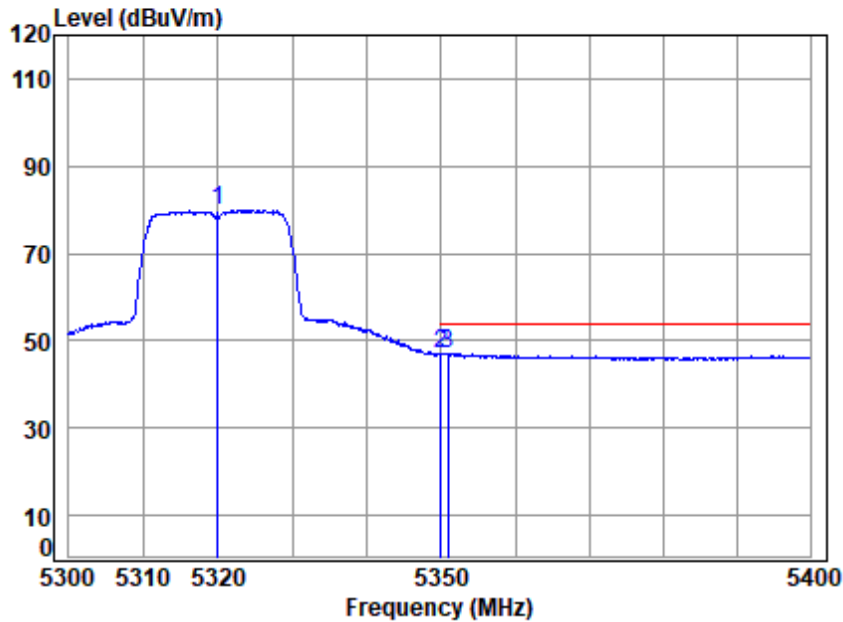
Mode : 5320 Band edge

: 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	98.49	110.81	68.20	42.61	Peak
2	5350.020	10.45	32.80	30.76	54.13	66.62	74.00	-7.38	Peak
3	5356.170	10.47	32.80	30.76	56.42	68.93	74.00	-5.07	Peak



Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

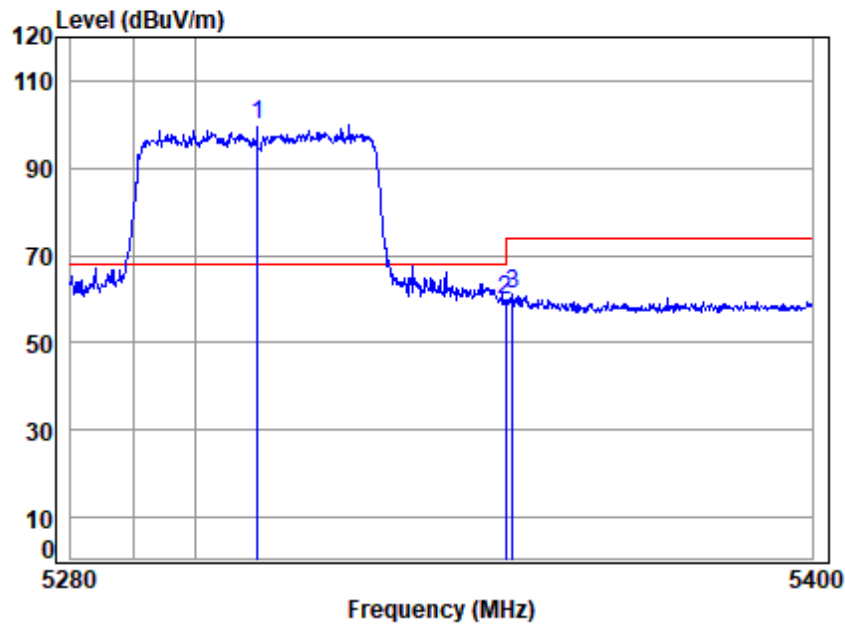
Job No : 02484AT/02485AT

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	67.59	79.91	-----	-----	Average
2 pp	5350.020	10.45	32.80	30.76	34.65	47.14	54.00	-6.86	Average
3	5350.966	10.45	32.80	30.76	34.64	47.13	54.00	-6.87	Average



Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5310 Band edge

: 5G Wi-Fi 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	5310.000	10.31	32.72	30.78	87.46	99.71	68.20	31.51	peak
2	5350.020	10.45	32.80	30.76	47.46	59.95	74.00	-14.05	peak
3	5351.195	10.45	32.80	30.76	48.57	61.06	74.00	-12.94	peak



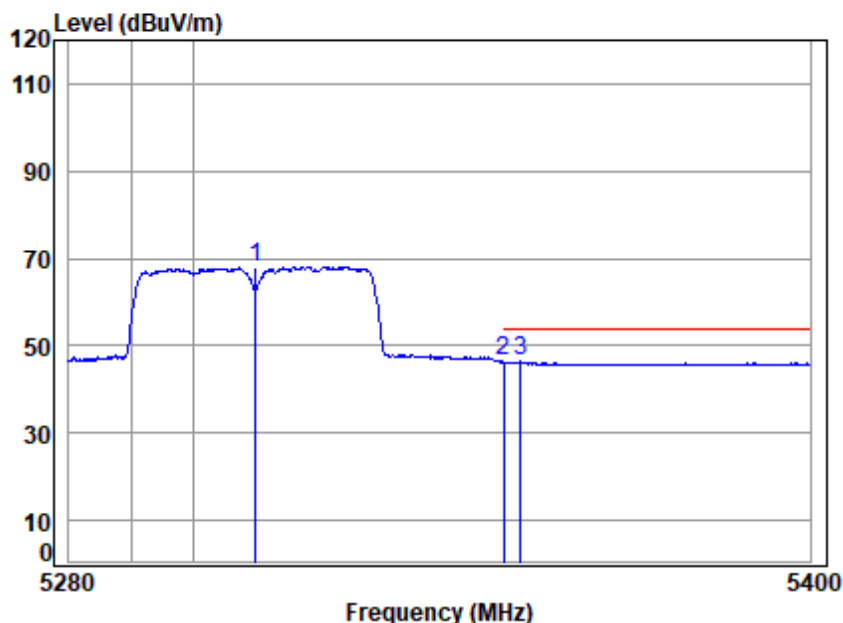
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Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5310 Band edge

: 5G Wi-Fi 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	5310.000	10.31	32.72	30.78	55.83	68.08	----- Average
2	5350.020	10.45	32.80	30.76	33.93	46.42	54.00 -7.58 Average
3 pp	5352.759	10.46	32.80	30.76	33.95	46.45	54.00 -7.55 Average



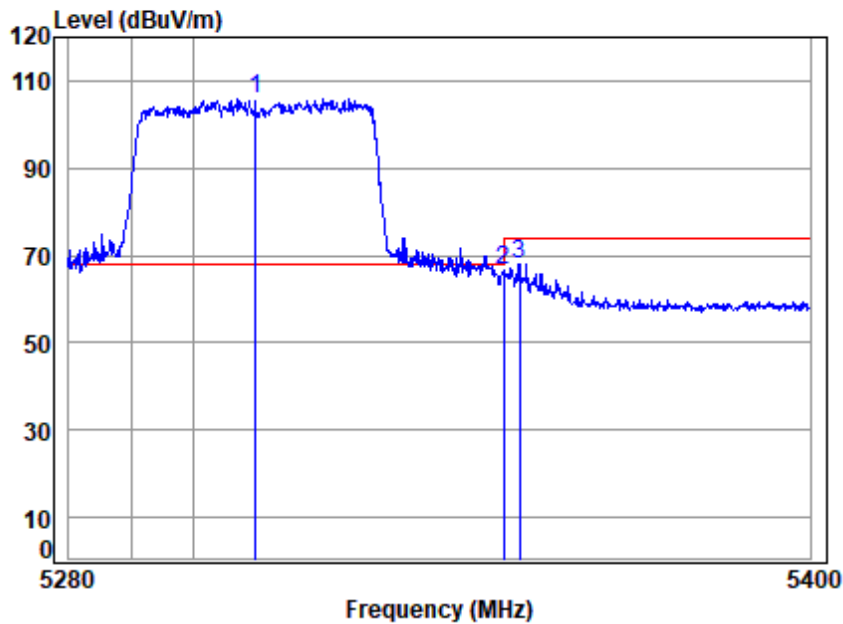
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5310 Band edge

: 5G Wi-Fi 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	5310.000	10.31	32.72	30.78	93.81	106.06	68.20	37.86	Peak
2	5350.020	10.45	32.80	30.76	53.95	66.44	74.00	-7.56	Peak
3	5352.638	10.46	32.80	30.76	55.52	68.02	74.00	-5.98	Peak



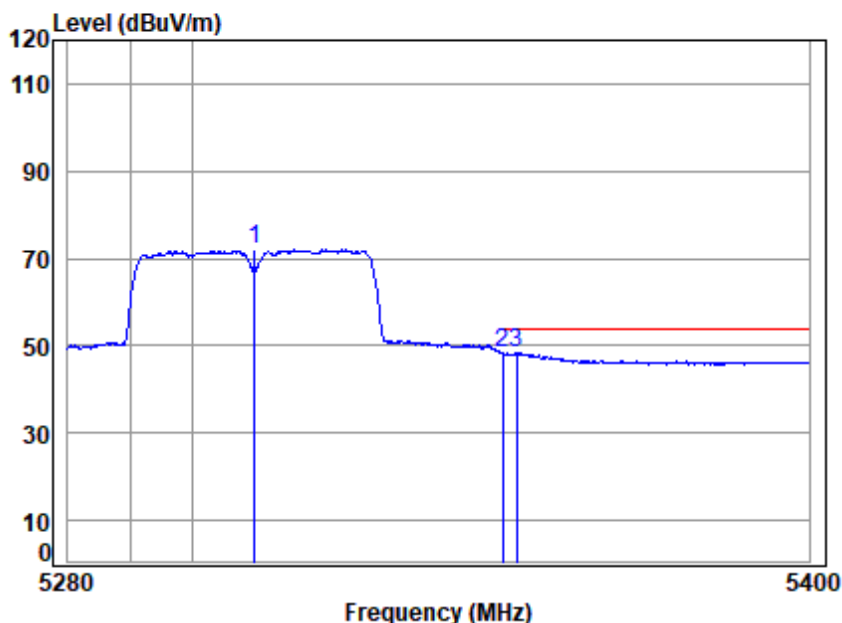
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5310 Band edge
: 5G Wi-Fi 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	5310.000	10.31	32.72	30.78	59.71	71.96	-----	-----	Average
2	5350.020	10.45	32.80	30.76	35.90	48.39	54.00	-5.61	Average
3 pp	5352.277	10.46	32.80	30.76	35.99	48.49	54.00	-5.51	Average



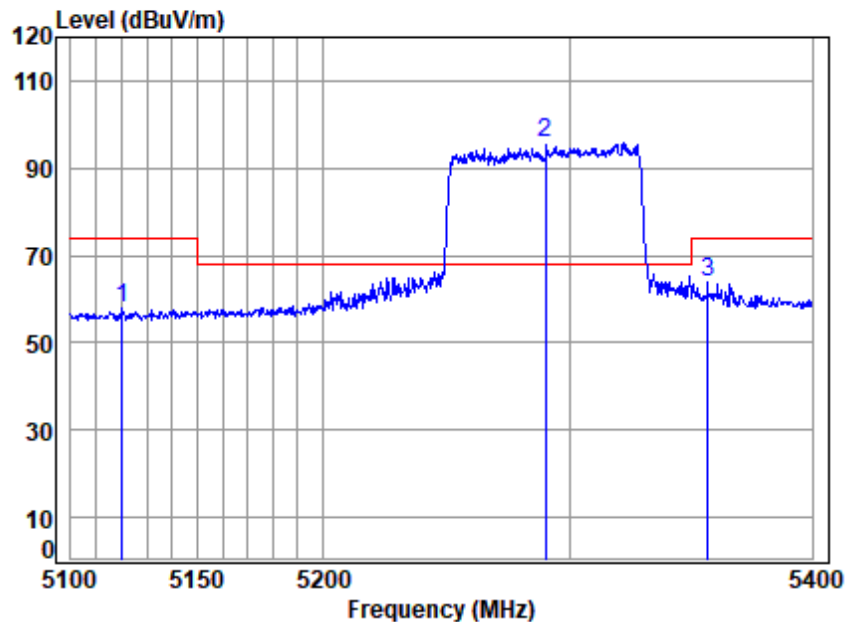
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5290 Band edge

: 5G Wi-Fi 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	5120.154	10.03	32.34	30.85	46.30	57.82	74.00	-16.18	peak
2 pp	5290.000	10.28	32.68	30.78	83.79	95.97	68.20	27.77	peak
3	5356.654	10.47	32.80	30.76	51.36	63.87	74.00	-10.13	peak



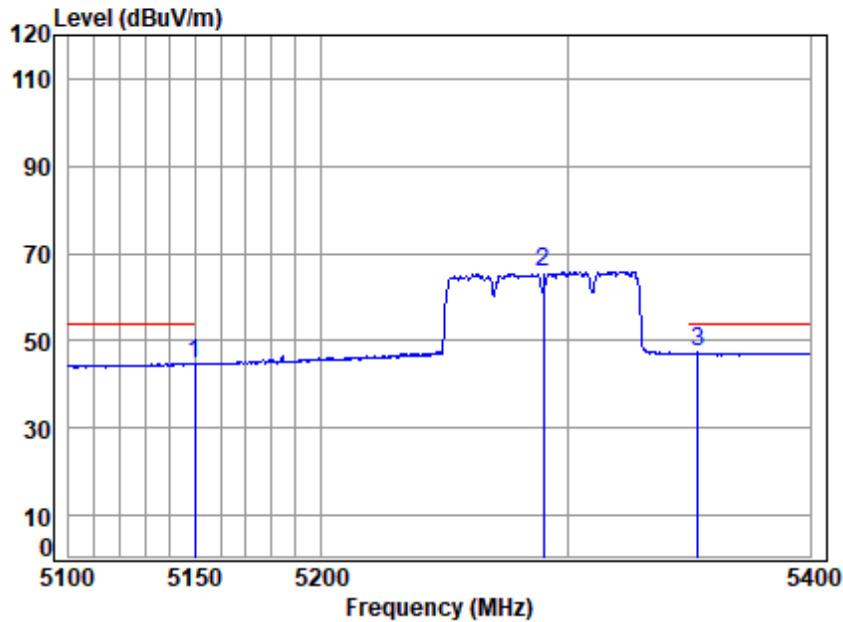
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Test Mode: 06; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5290 Band edge

: 5G Wi-Fi 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 5149.798	10.14	32.40	30.84	33.06	44.76	54.00	-9.24	Average
2 5290.000	10.28	32.68	30.78	53.66	65.84	-----	-----	Average
3 pp 5353.594	10.46	32.80	30.76	34.80	47.30	54.00	-6.70	Average



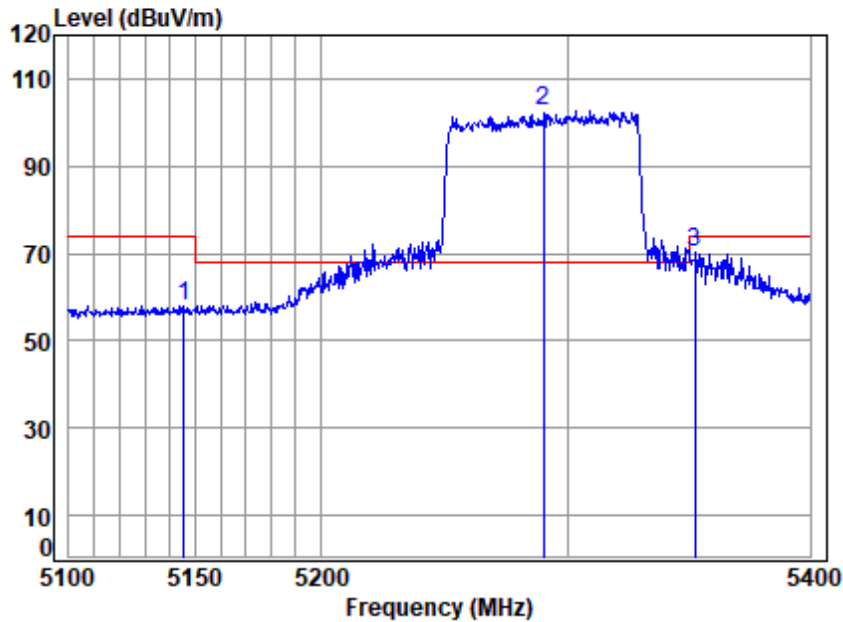
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5290 Band edge

: 5G Wi-Fi 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	5145.679	10.12	32.39	30.84	46.49	58.16	74.00	-15.84	Peak
2 pp	5290.000	10.28	32.68	30.78	90.52	102.70	68.20	34.50	Peak
3	5352.370	10.46	32.80	30.76	57.63	70.13	74.00	-3.87	Peak



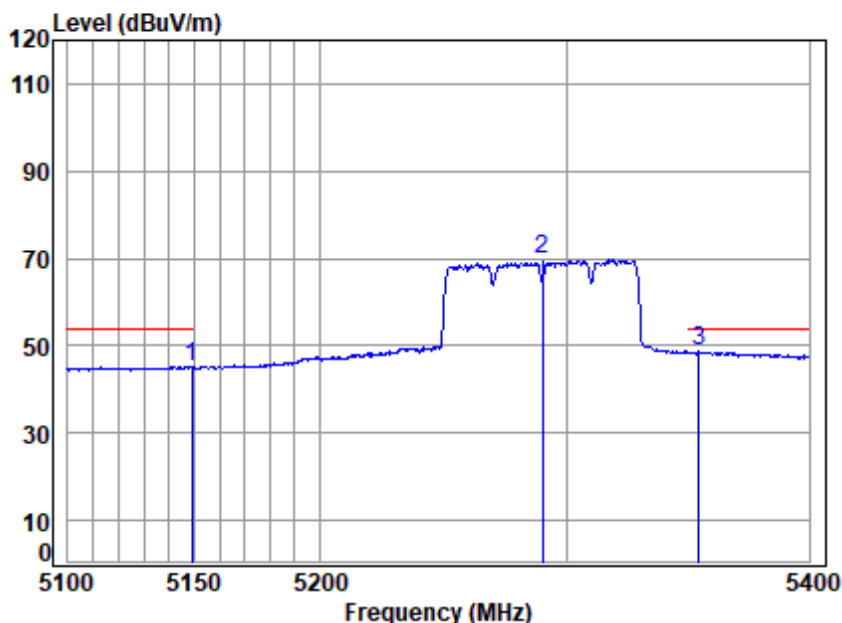
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5290 Band edge
: 5G Wi-Fi 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 5149.209	10.14	32.40	30.84	33.38	45.08	54.00	-8.92 Average
2 5290.000	10.28	32.68	30.78	57.53	69.71	-----	----- Average
3 pp 5354.512	10.47	32.80	30.76	36.09	48.60	54.00	-5.40 Average



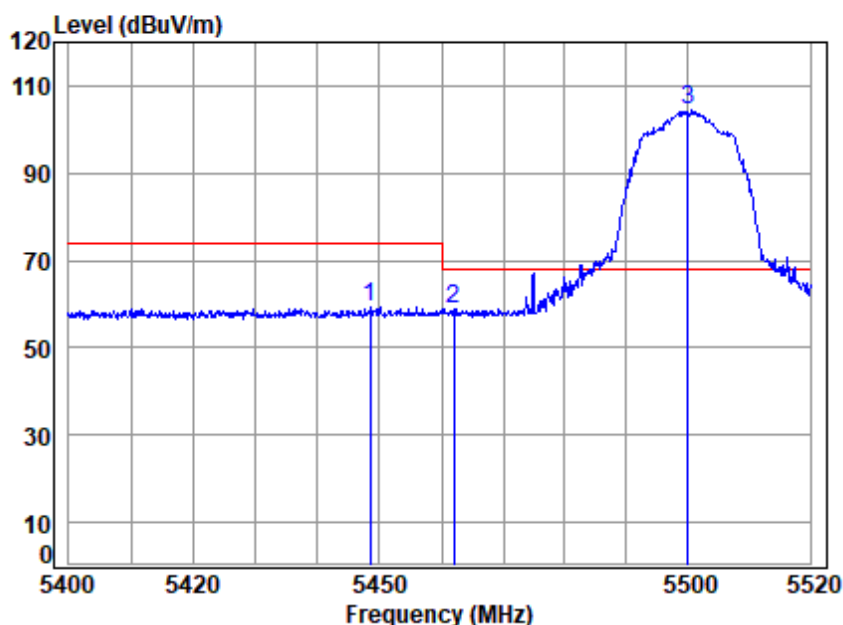
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

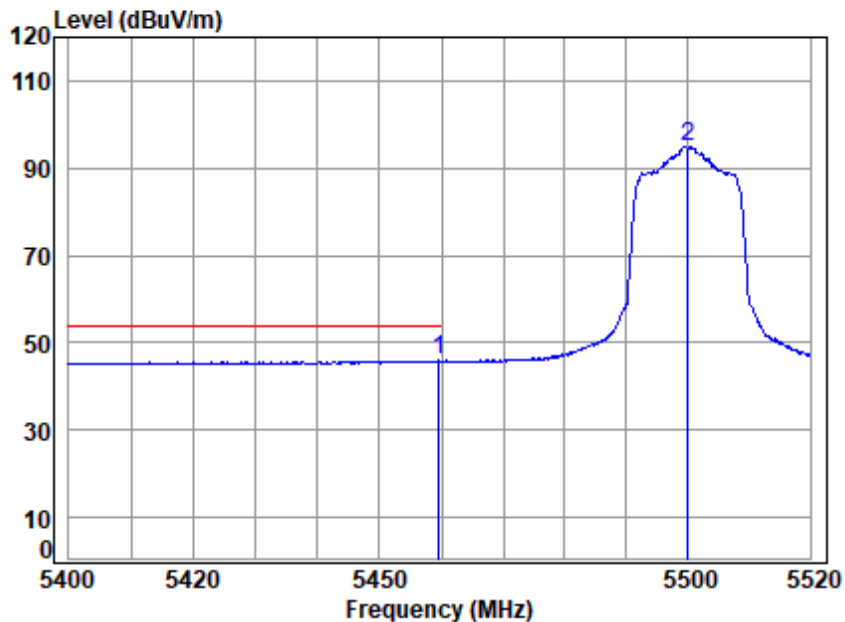
Mode : 5500 Band edge

: 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 5448.402	10.60	32.90	30.72	46.44	59.22	74.00	-14.78	peak
2 5461.951	10.60	32.90	30.72	46.04	58.82	68.20	-9.38	peak
3 pp 5500.000	10.58	32.90	30.70	91.71	104.49	68.20	36.29	peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

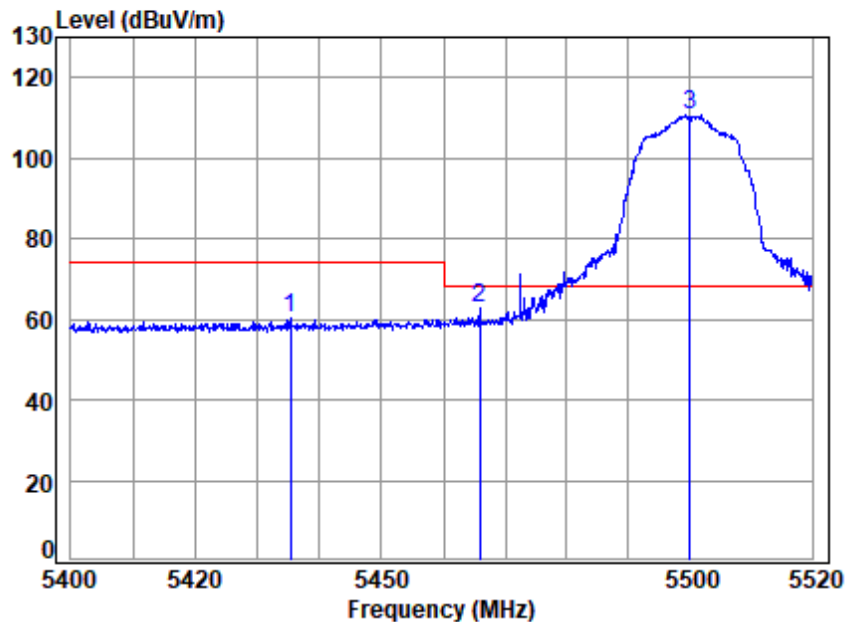
Mode : 5500 Band edge

: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.670	10.60	32.90	30.72	33.09	45.87	54.00	-8.13	Average
2	5500.000	10.58	32.90	30.70	82.20	94.98	-----	-----	Average



Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

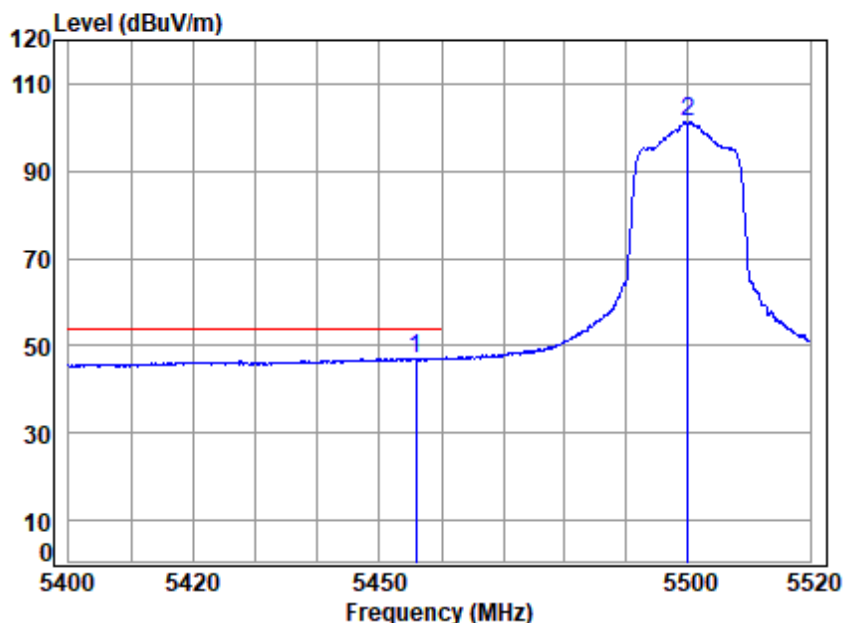
Mode : 5500 Band edge

: 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	5435.246	10.61	32.87	30.73	47.54	60.29	74.00	-13.71 Peak
2	5465.914	10.59	32.90	30.71	50.23	63.01	68.20	-5.19 peak
3	pp 5500.000	10.58	32.90	30.70	97.79	110.57	68.20	42.37 Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

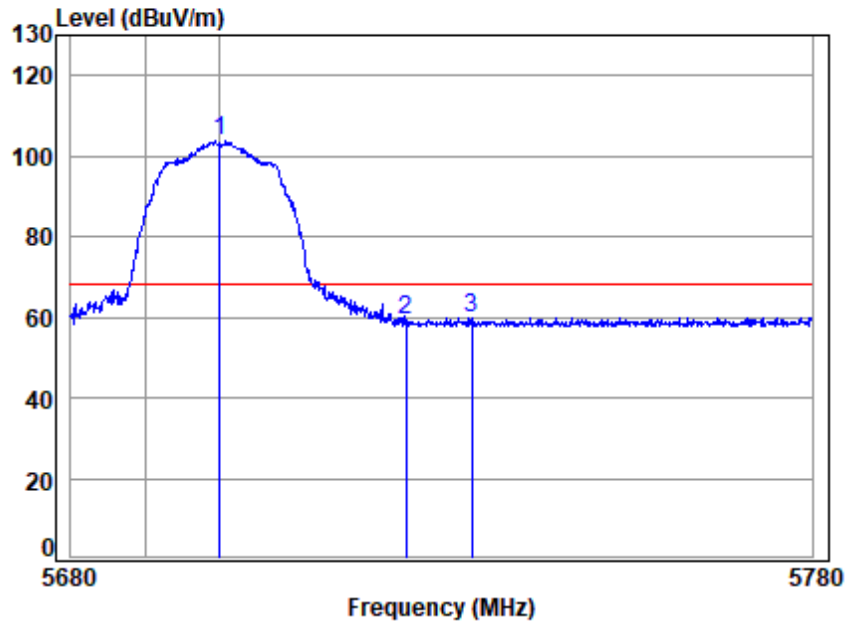
Mode : 5500 Band edge

: 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	5455.952	10.60	32.90	30.72	34.43	47.21	54.00	-6.79	Average
2	5500.000	10.58	32.90	30.70	88.43	101.21	-----	-----	Average



Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

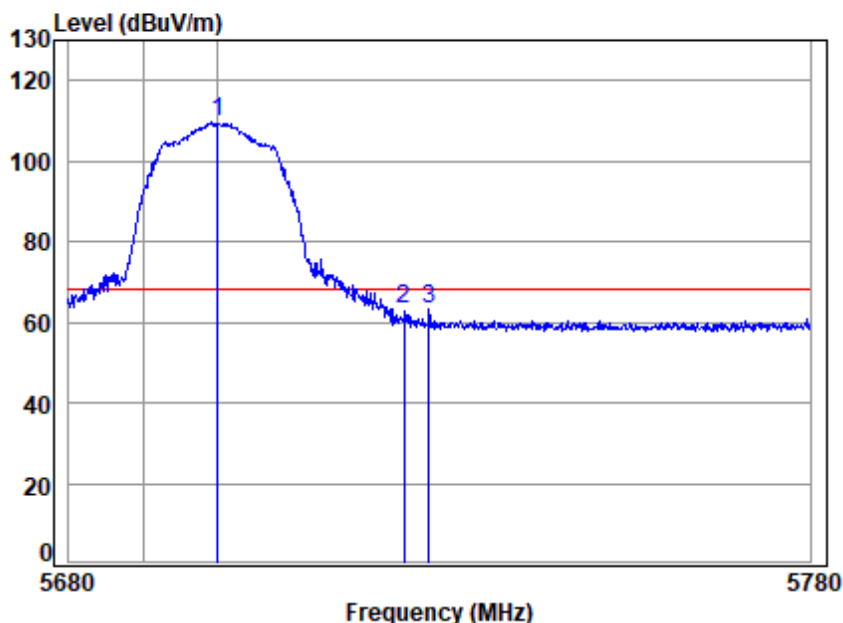
Mode : 5700 Band edge

: 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	90.75	103.89	68.20	35.69	peak
2	5725.000	10.68	33.25	30.61	46.17	59.49	68.20	-8.71	peak
3	5733.883	10.72	33.27	30.61	46.65	60.03	68.20	-8.17	peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

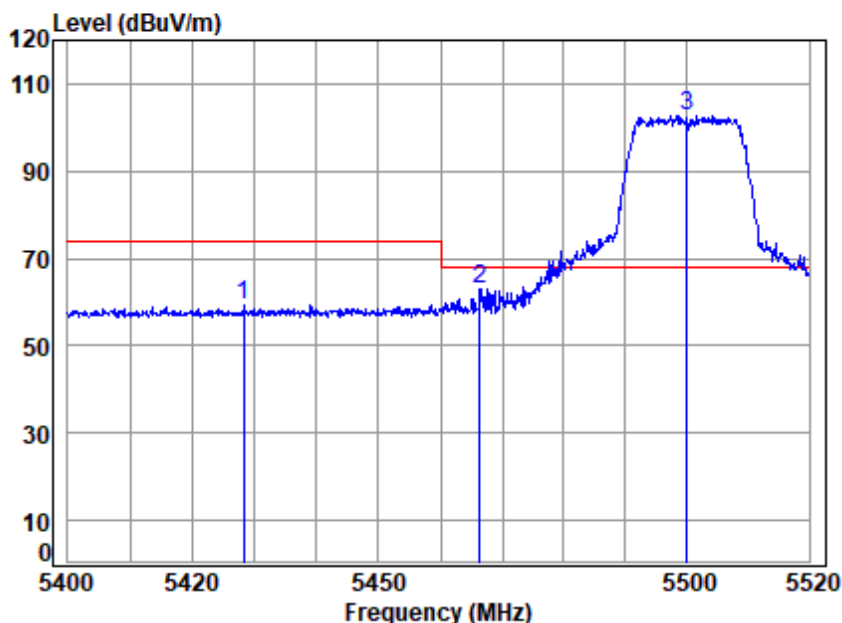
Mode : 5700 Band edge

: 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	96.45	109.59	68.20	41.39	Peak
2	5725.000	10.68	33.25	30.61	49.77	63.09	68.20	-5.11	Peak
3	5728.382	10.69	33.26	30.61	49.75	63.09	68.20	-5.11	Peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

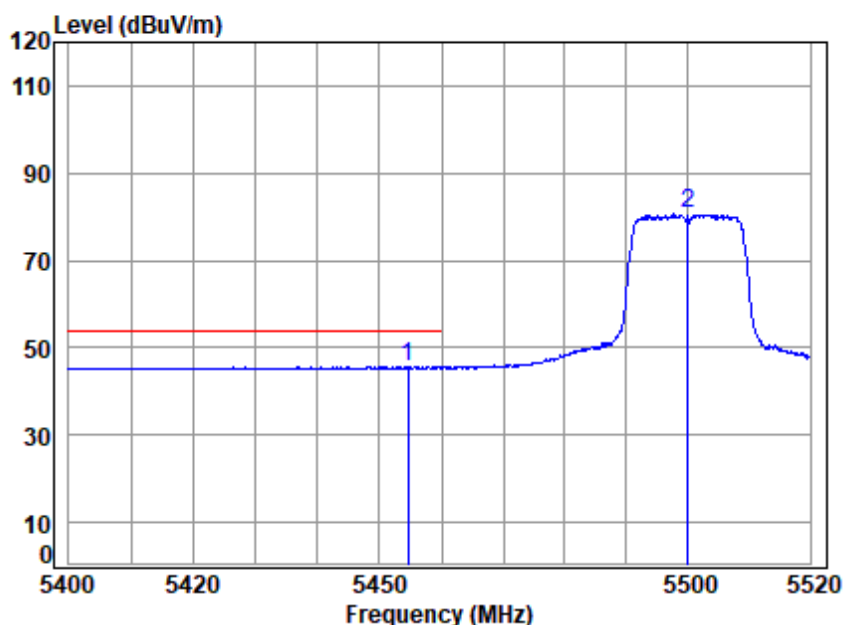
Mode : 5500 Band edge

: 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	5428.202	10.61	32.86	30.73	46.78	59.52	74.00	-14.48 peak
2	5466.395	10.59	32.90	30.71	50.27	63.05	68.20	-5.15 peak
3	pp 5500.000	10.58	32.90	30.70	89.97	102.75	68.20	34.55 peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

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	5454.633	10.60	32.90	30.72	32.81	45.59	54.00	-8.41	Average
2	5500.000	10.58	32.90	30.70	67.77	80.55	-----	-----	Average



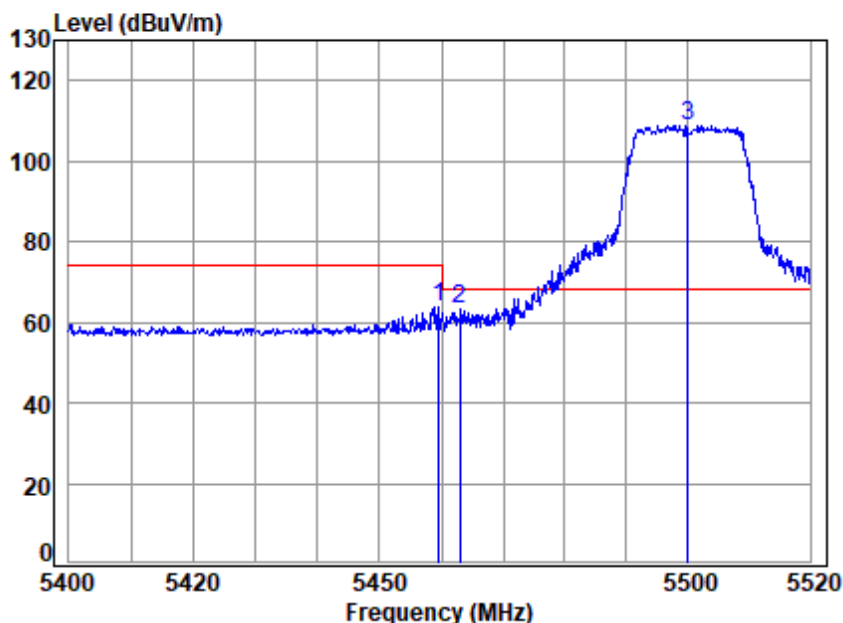
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

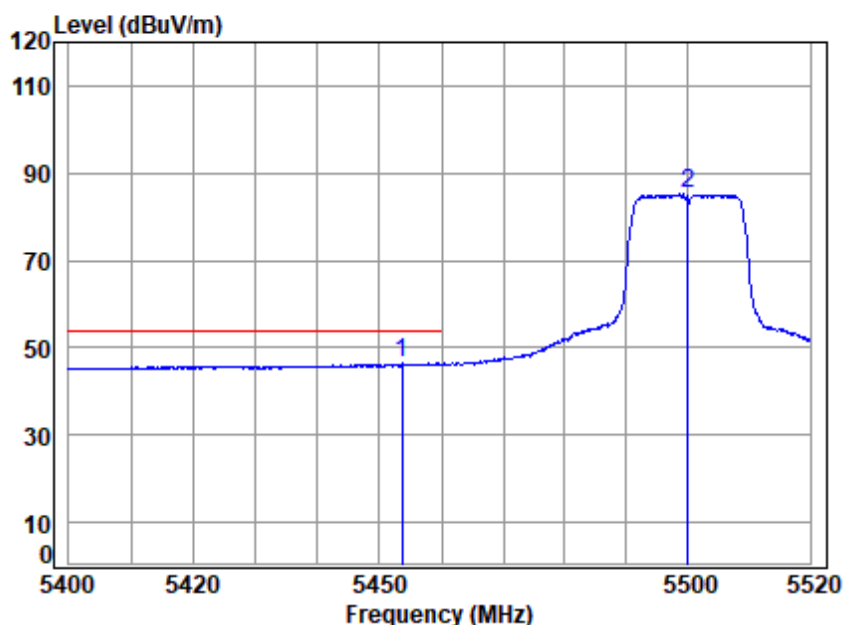
Mode : 5500 Band edge

: 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	5459.670	10.60	32.90	30.72	50.99	63.77	74.00	-10.23 Peak
2	5463.031	10.59	32.90	30.71	50.44	63.22	68.20	-4.98 Peak
3	pp 5500.000	10.58	32.90	30.70	96.12	108.90	68.20	40.70 Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

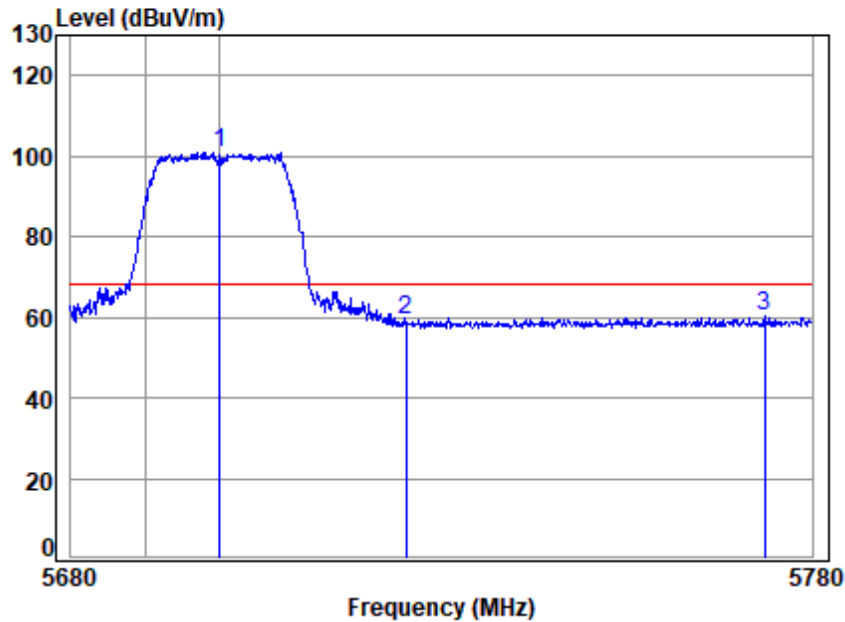
Mode : 5500 Band edge

: 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	5453.554	10.60	32.90	30.72	33.67	46.45	54.00	-7.55	Average
2	5500.000	10.58	32.90	30.70	72.43	85.21	-----	-----	Average



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

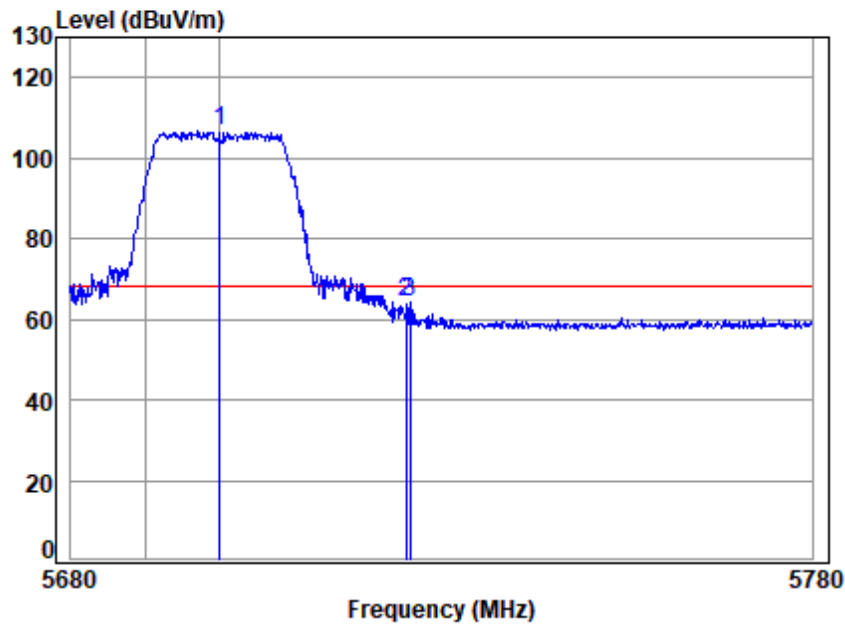
Job No : 02484AT/02485AT

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	87.92	101.06	68.20	32.86	peak
2	5725.000	10.68	33.25	30.61	46.00	59.32	68.20	-8.88	peak
3	5773.547	10.90	33.35	30.59	46.40	60.06	68.20	-8.14	peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

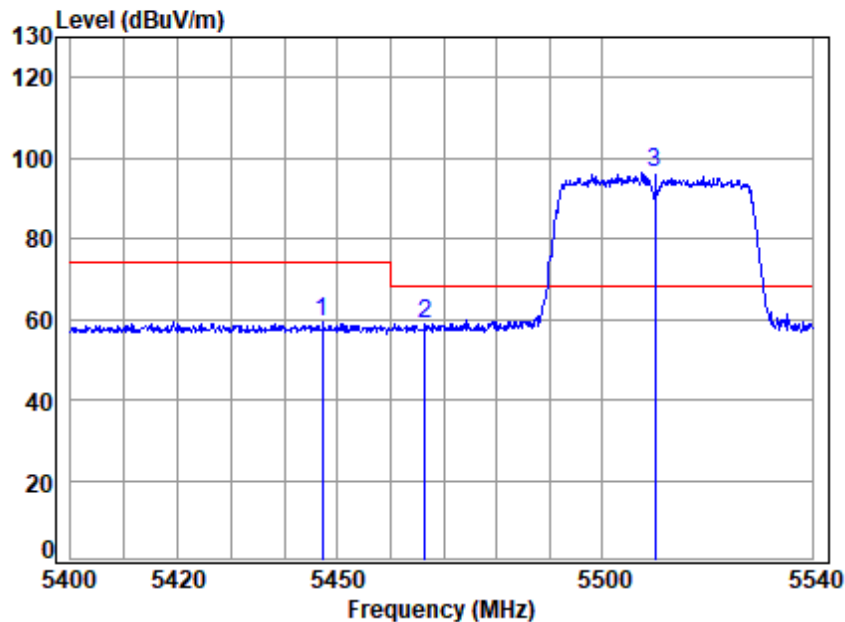
Job No : 02484AT/02485AT

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	93.42	106.56	68.20	38.36	Peak
2	5725.000	10.68	33.25	30.61	50.88	64.20	68.20	-4.00	Peak
3	5725.583	10.68	33.25	30.61	50.88	64.20	68.20	-4.00	Peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

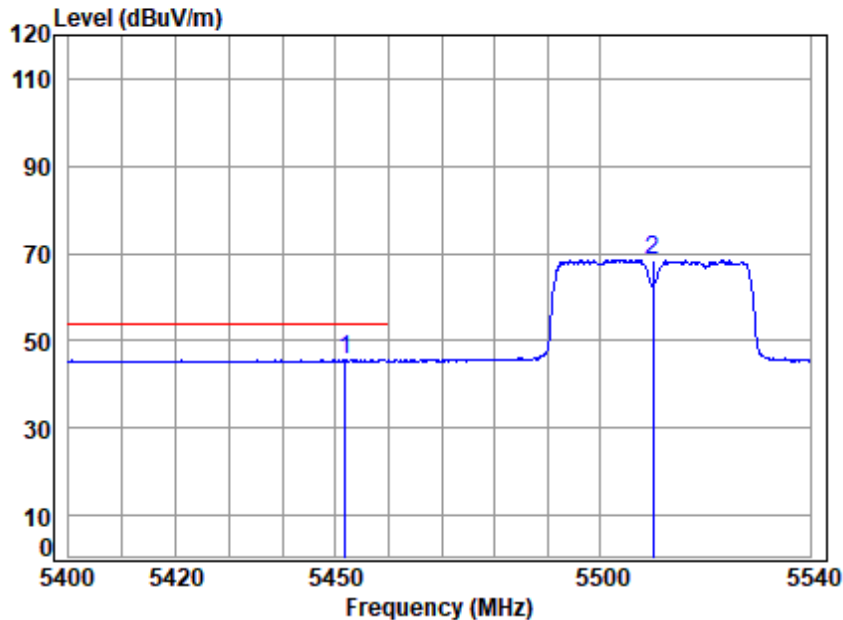
Job No : 02484AT/02485AT

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	5447.199	10.60	32.89	30.72	46.63	59.40	74.00 -14.60 peak
2	5466.473	10.59	32.90	30.71	45.82	58.60	68.20 -9.60 peak
3	pp 5510.000	10.56	32.90	30.70	83.38	96.14	68.20 27.94 peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

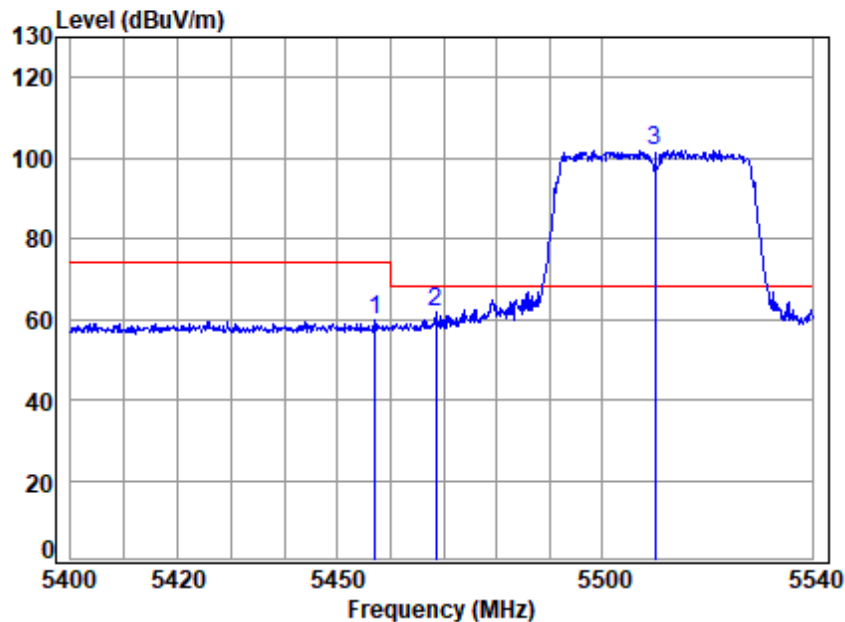
Job No : 02484AT/02485AT

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 5451.801	10.60	32.90	30.72	32.92	45.70	54.00	-8.30	Average
2 5510.000	10.56	32.90	30.70	55.82	68.58	-----	-----	Average



Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

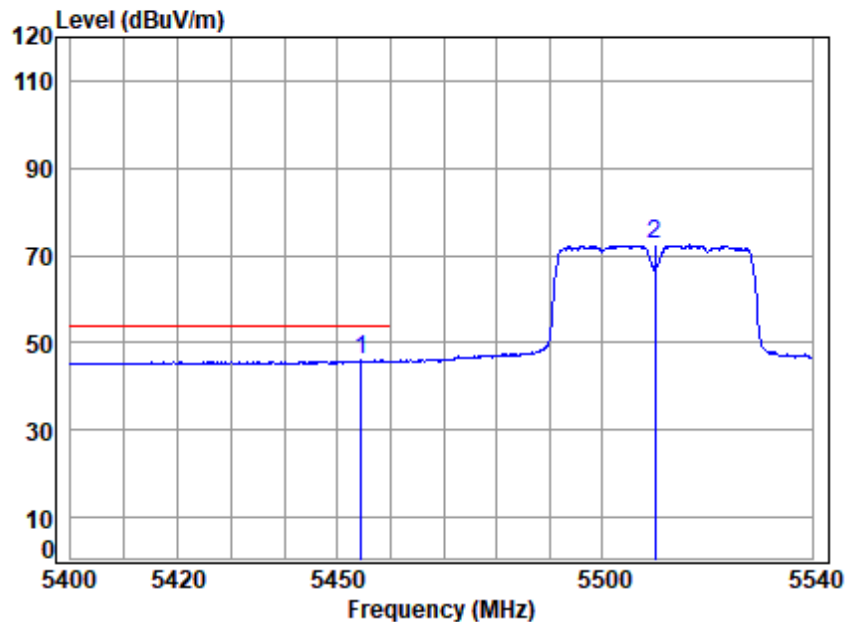
Job No : 02484AT/02485AT

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	5456.967	10.60	32.90	30.72	46.88	59.66	74.00 -14.34 Peak
2	5468.432	10.59	32.90	30.71	48.88	61.66	68.20 -6.54 peak
3	pp 5510.000	10.56	32.90	30.70	89.22	101.98	68.20 33.78 Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

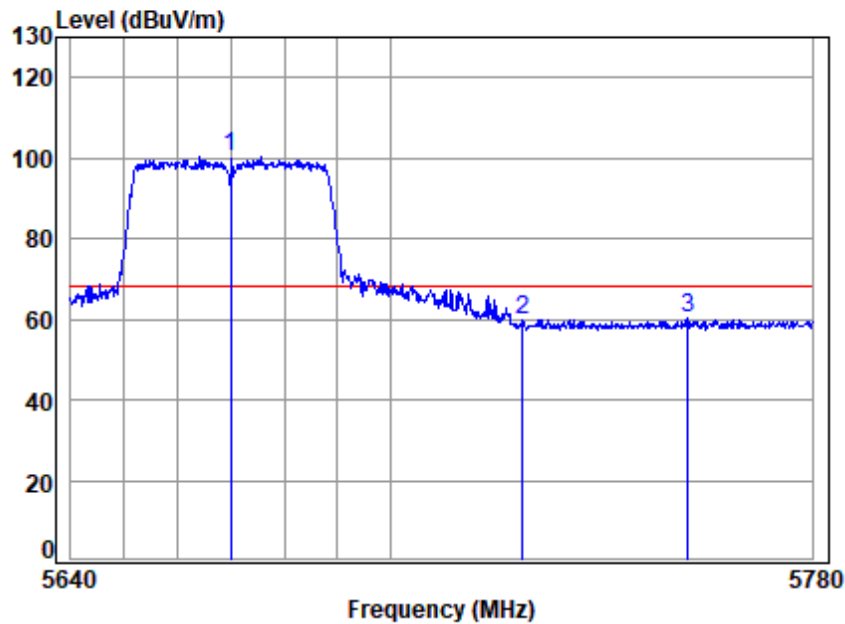
Job No : 02484AT/02485AT

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 5454.454	10.60	32.90	30.72	33.31	46.09	54.00	-7.91	Average
2 5510.000	10.56	32.90	30.70	59.56	72.32	-----	-----	Average



Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

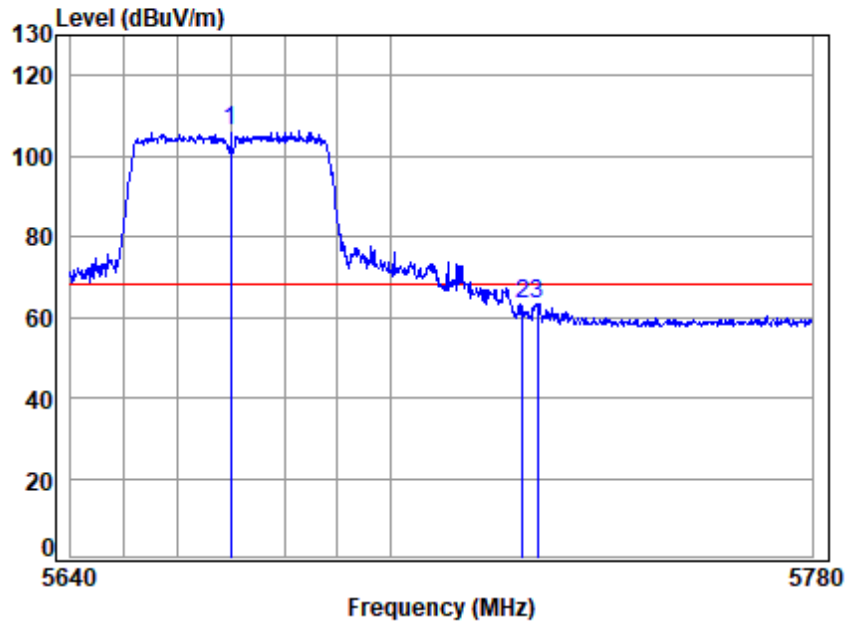
Job No : 02484AT/02485AT

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	87.21	100.24	68.20	32.04	peak
2	5725.000	10.68	33.25	30.61	46.72	60.04	68.20	-8.16	peak
3	5756.380	10.82	33.31	30.60	46.65	60.18	68.20	-8.02	peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

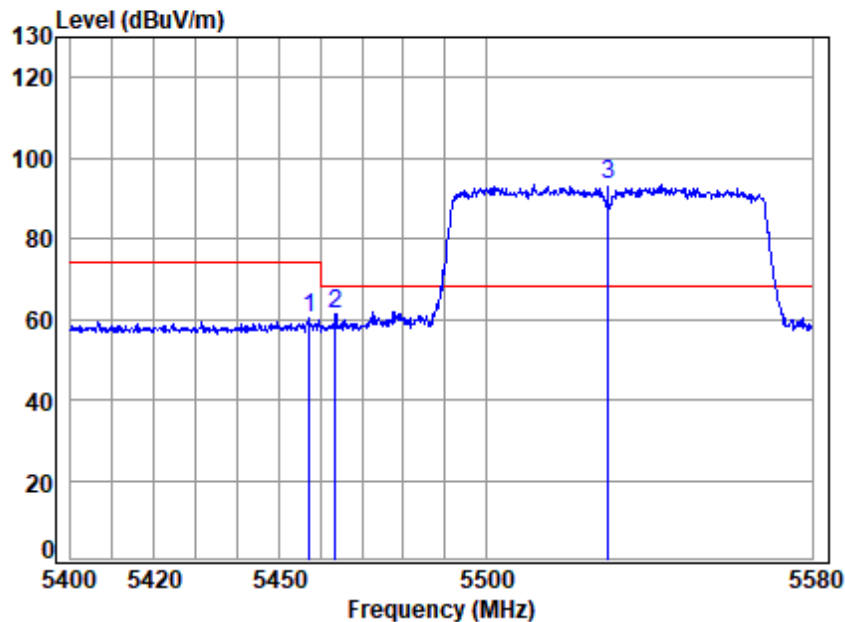
Job No : 02484AT/02485AT

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	93.00	106.03	68.20	37.83	Peak
2	5725.000	10.68	33.25	30.61	49.99	63.31	68.20	-4.89	Peak
3	5727.799	10.69	33.26	30.61	49.97	63.31	68.20	-4.89	Peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

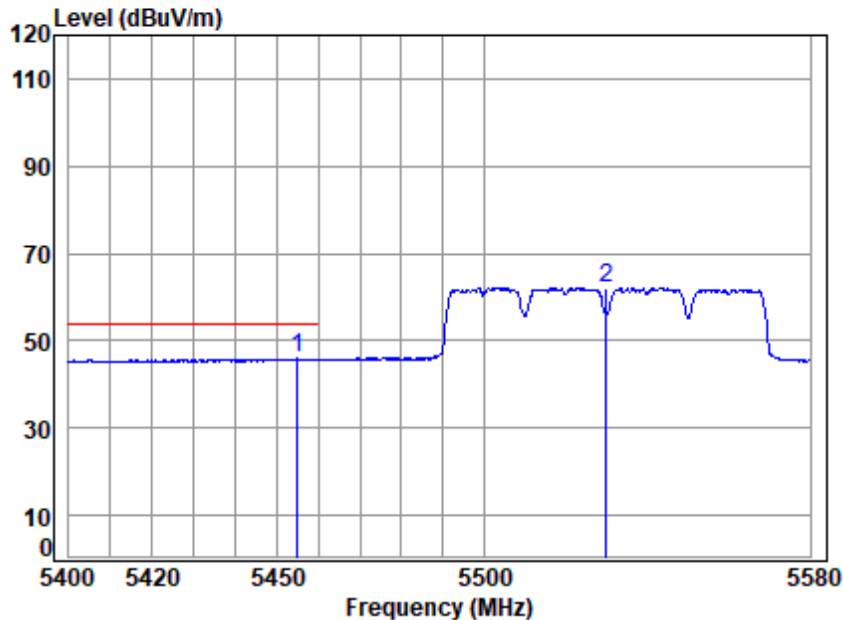
Mode : 5530 Band edge

: 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	5457.317	10.60	32.90	30.72	47.38	60.16	74.00	-13.84 peak
2	5463.583	10.59	32.90	30.71	48.51	61.29	68.20	-6.91 peak
3	pp 5530.000	10.53	32.90	30.69	80.77	93.51	68.20	25.31 peak



Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5530 Band edge

: 5G Wi-Fi 11AC80

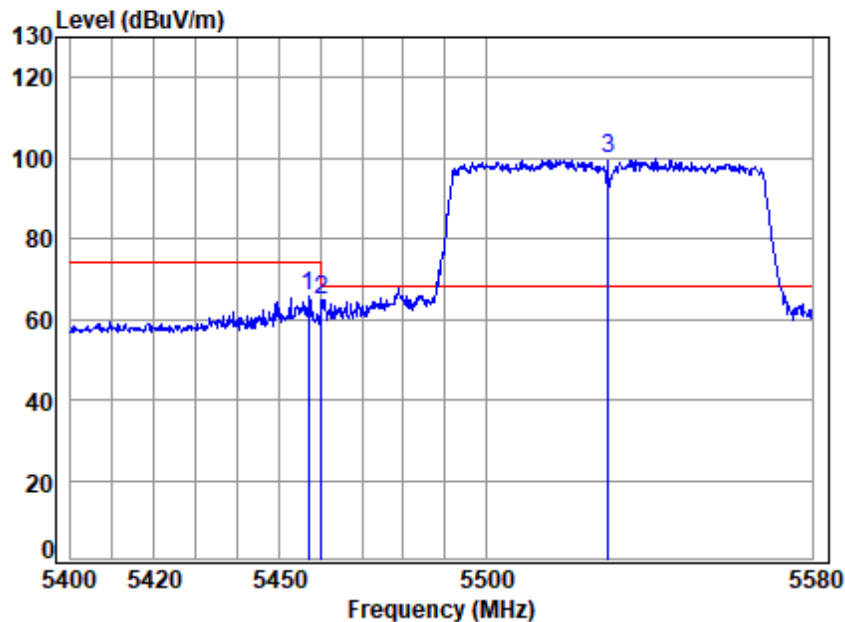
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5454.813	10.60	32.90	30.72	33.08	45.86	54.00	-8.14	Average
2	5530.000	10.53	32.90	30.69	49.46	62.20	-----	-----	Average



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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

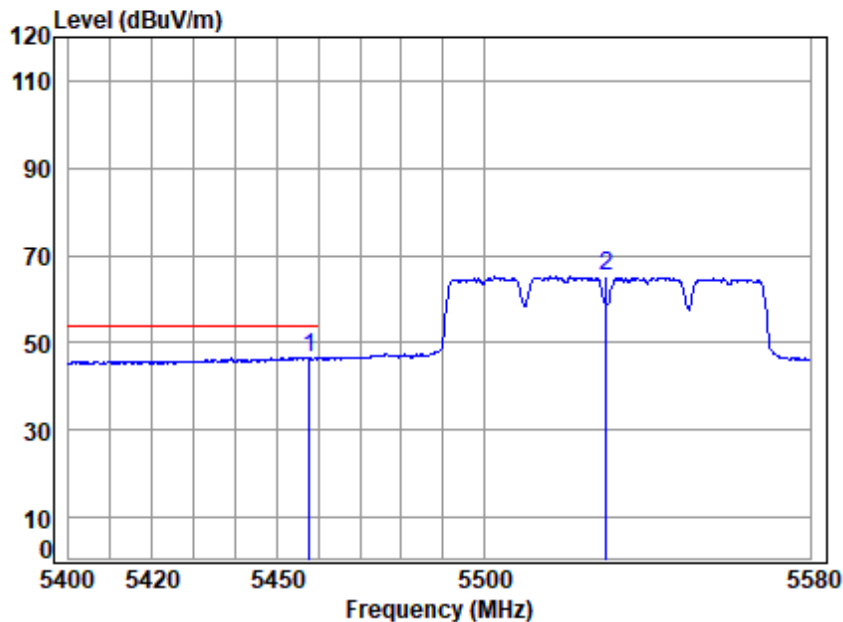
Mode : 5530 Band edge

: 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	5457.138	10.60	32.90	30.72	53.01	65.79	74.00 -8.21 Peak
2	5460.181	10.60	32.90	30.72	51.90	64.68	68.20 -3.52 peak
3	pp 5530.000	10.53	32.90	30.69	86.90	99.64	68.20 31.44 Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

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 pp	5457.675	10.60	32.90	30.72	33.91	46.69	54.00	-7.31	Average
2	5530.000	10.53	32.90	30.69	52.35	65.09	-----	-----	Average



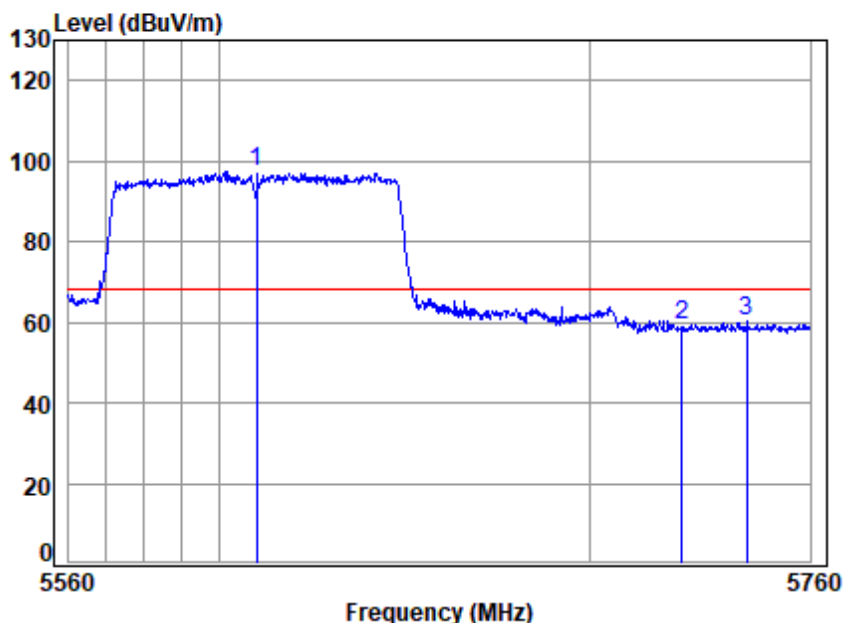
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

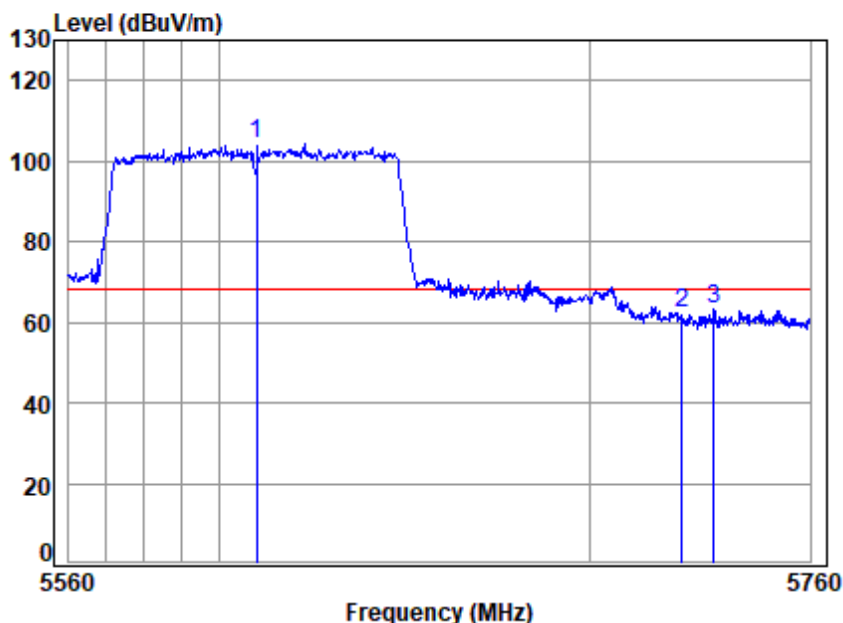
Job No : 02484AT/02485AT

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	84.77	97.56	68.20	29.36	peak
2	5725.000	10.68	33.25	30.61	45.89	59.21	68.20	-8.99	peak
3	5742.521	10.76	33.29	30.60	46.69	60.14	68.20	-8.06	peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

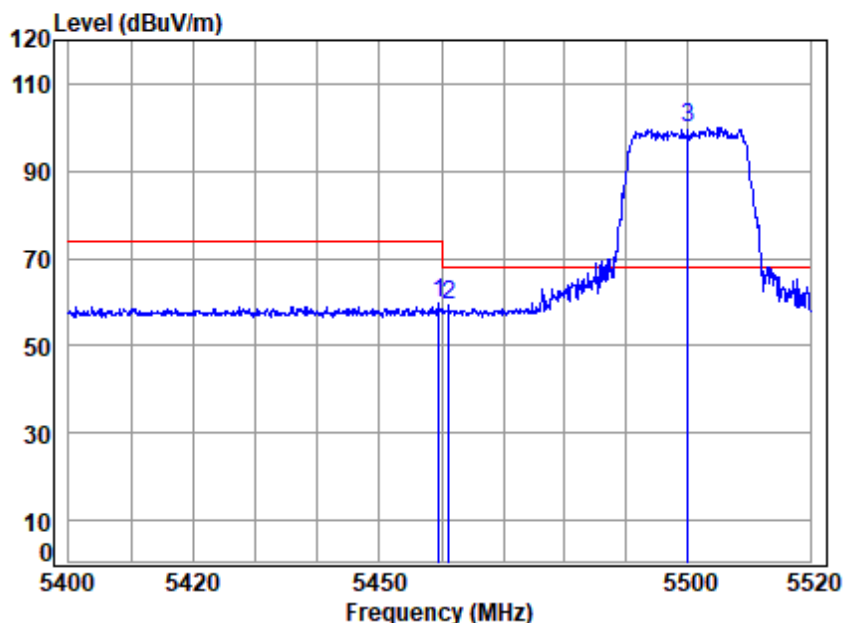
Job No : 02484AT/02485AT

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	91.47	104.26	68.20	36.06	Peak
2	5725.000	10.68	33.25	30.61	48.97	62.29	68.20	-5.91	peak
3	5733.599	10.71	33.27	30.61	49.67	63.04	68.20	-5.16	Peak



Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

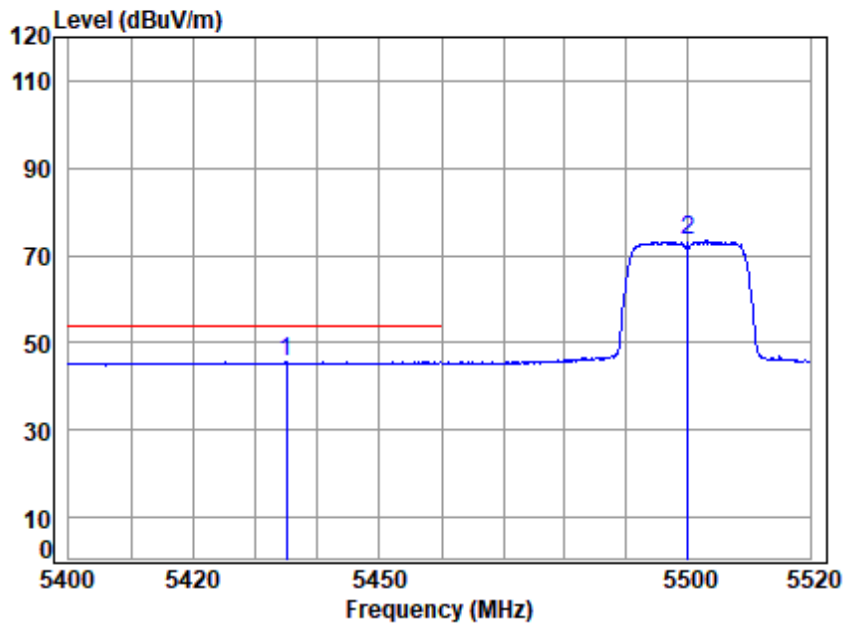
Mode : 5500 Band edge

: 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	5459.550	10.60	32.90	30.72	46.85	59.63	74.00	-14.37	peak
2	5461.230	10.60	32.90	30.72	46.41	59.19	68.20	-9.01	peak
3	pp 5500.000	10.58	32.90	30.70	87.22	100.00	68.20	31.80	peak



Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

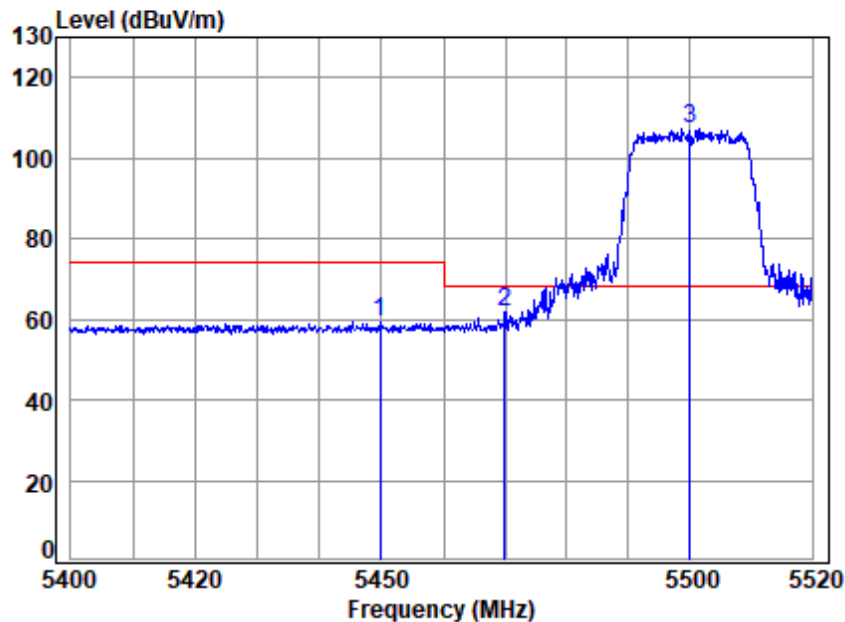
Mode : 5500 Band edge

: 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	5435.007	10.61	32.87	30.73	32.79	45.54	54.00	-8.46	Average
2	5500.000	10.58	32.90	30.70	60.52	73.30	-----	-----	Average



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

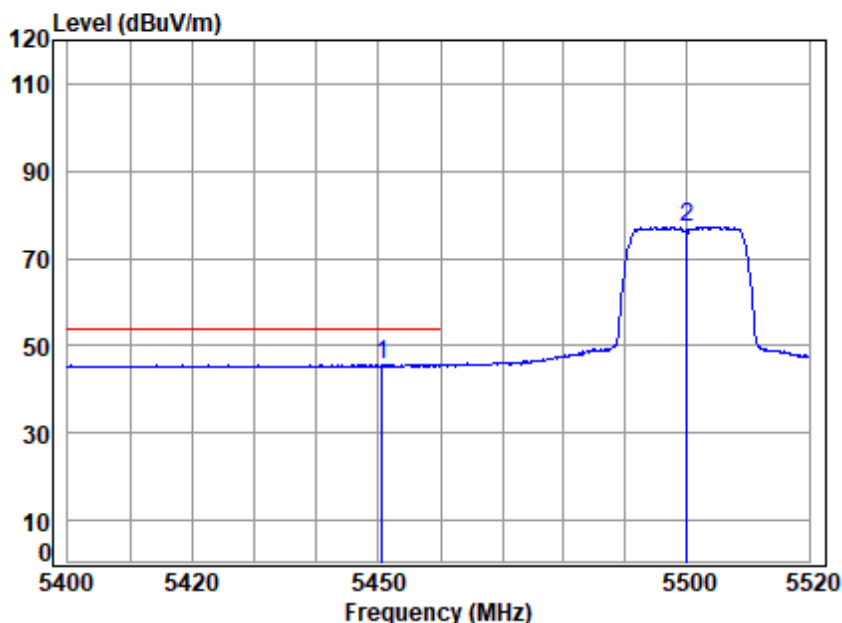
Job No : 02484AT/02485AT

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 5449.839	10.60	32.90	30.72	46.43	59.21	74.00	-14.79	Peak
2 5469.880	10.59	32.90	30.71	48.86	61.64	68.20	-6.56	peak
3 pp 5500.000	10.58	32.90	30.70	94.49	107.27	68.20	39.07	Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

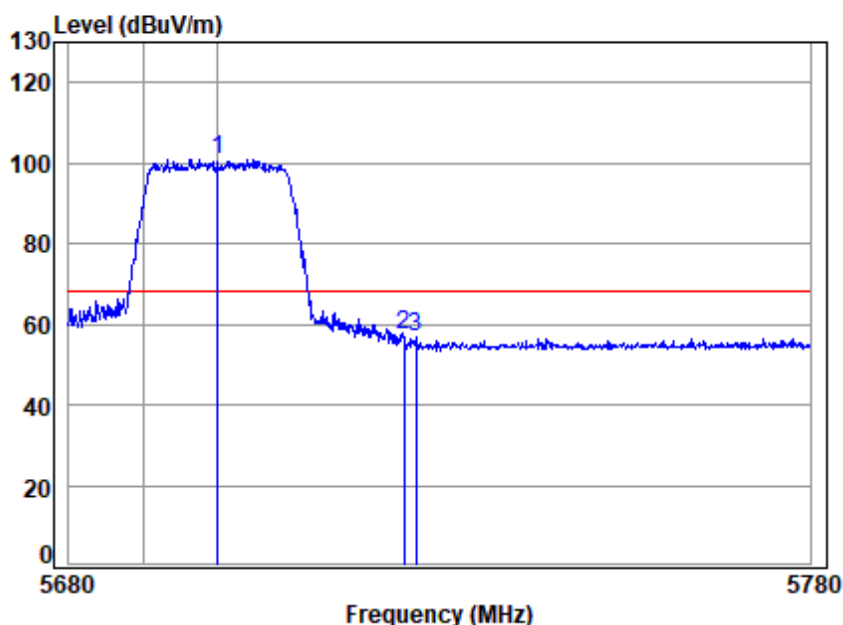
Mode : 5500 Band edge

: 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	5450.558	10.60	32.90	30.72	32.98	45.76	54.00	-8.24	Average
2	5500.000	10.58	32.90	30.70	64.50	77.28	-----	-----	Average



Test Mode: 07; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

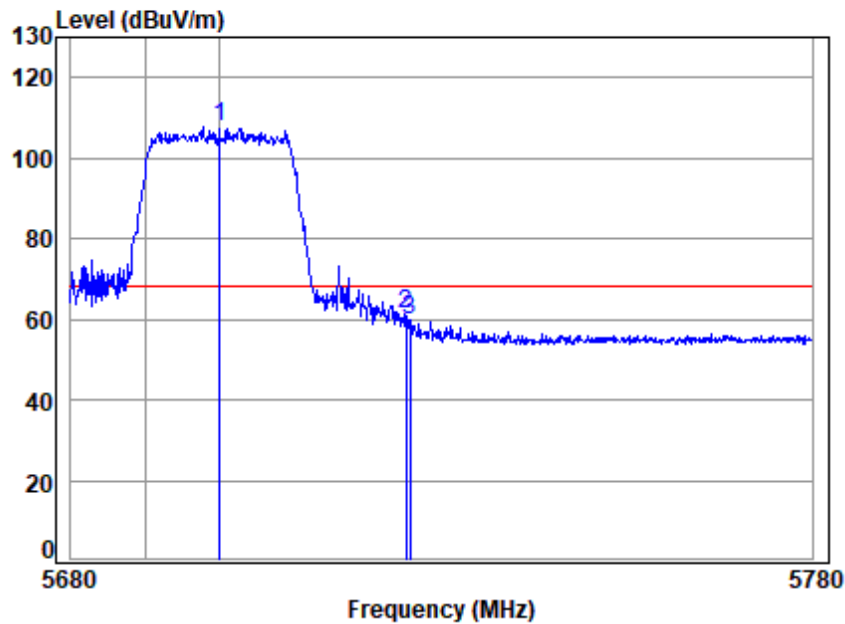
Mode : 5700 Band edge

: 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 pp 5700.000	10.56	33.20	30.62	87.84	100.98	68.20	32.78	peak	
2 5725.000	10.68	33.25	30.61	44.26	57.58	68.20	-10.62	peak	
3 5726.583	10.68	33.25	30.61	43.60	56.92	68.20	-11.28	peak	



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

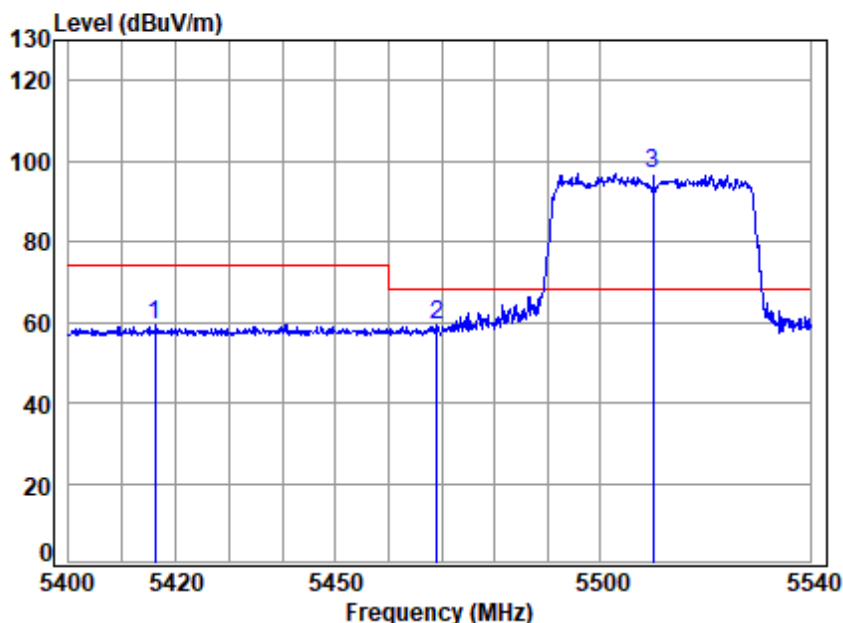
Mode : 5700 Band edge

: 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 pp 5700.000	10.56	33.20	30.62	94.42	107.56	68.20	39.36	Peak	
2 5725.000	10.68	33.25	30.61	47.78	61.10	68.20	-7.10	Peak	
3 5725.583	10.68	33.25	30.61	46.48	59.80	68.20	-8.40	Peak	



Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5510 Band edge

: 5G Wi-Fi 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 5416.195	10.61	32.83	30.73	46.55	59.26	74.00	-14.74 peak
2 5469.132	10.59	32.90	30.71	46.59	59.37	68.20	-8.83 peak
3 pp 5510.000	10.56	32.90	30.70	84.07	96.83	68.20	28.63 peak



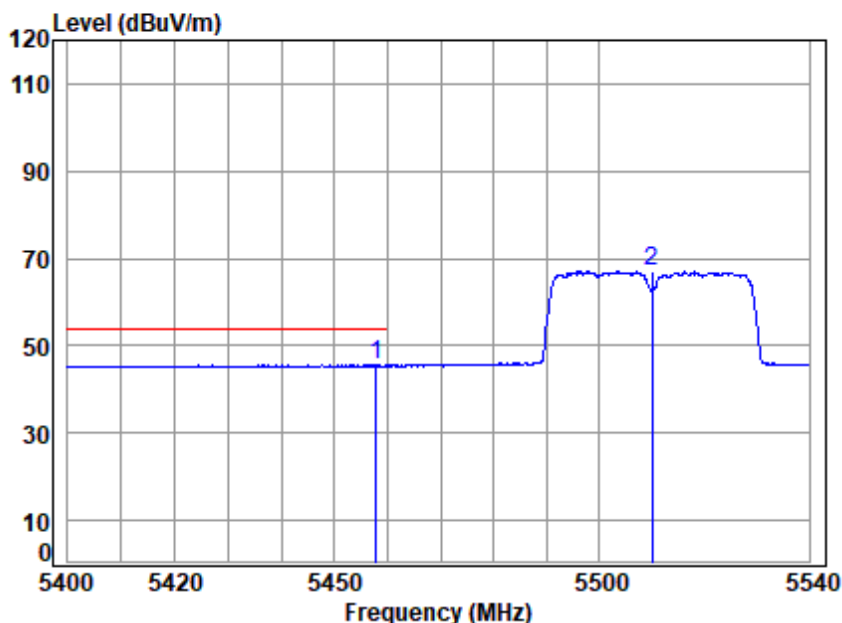
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Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5510 Band edge

: 5G Wi-Fi 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	5457.805	10.60	32.90	30.72	32.89	45.67	54.00	-8.33	Average
2	5510.000	10.56	32.90	30.70	54.23	66.99	-----	-----	Average



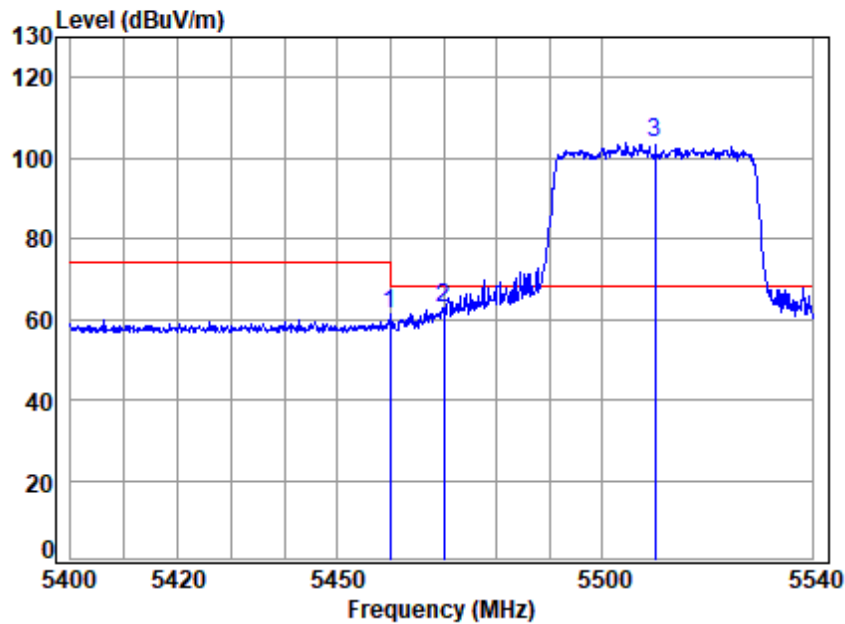
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

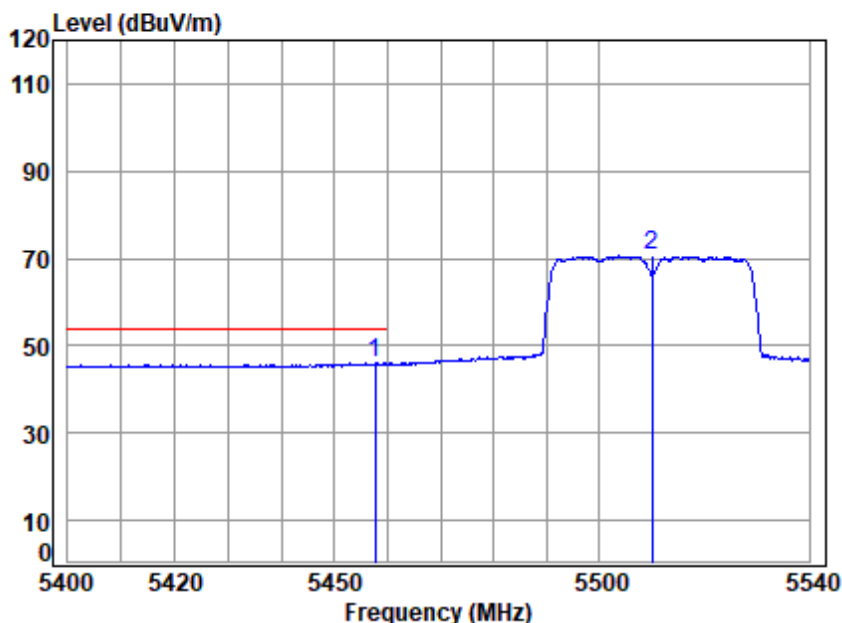
Job No : 02484AT/02485AT

Mode : 5510 Band edge
: 5G Wi-Fi 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	5459.901	10.60	32.90	30.72	48.46	61.24	74.00	-12.76	Peak
2	5469.972	10.59	32.90	30.71	50.14	62.92	68.20	-5.28	peak
3 pp	5510.000	10.56	32.90	30.70	91.13	103.89	68.20	35.69	Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

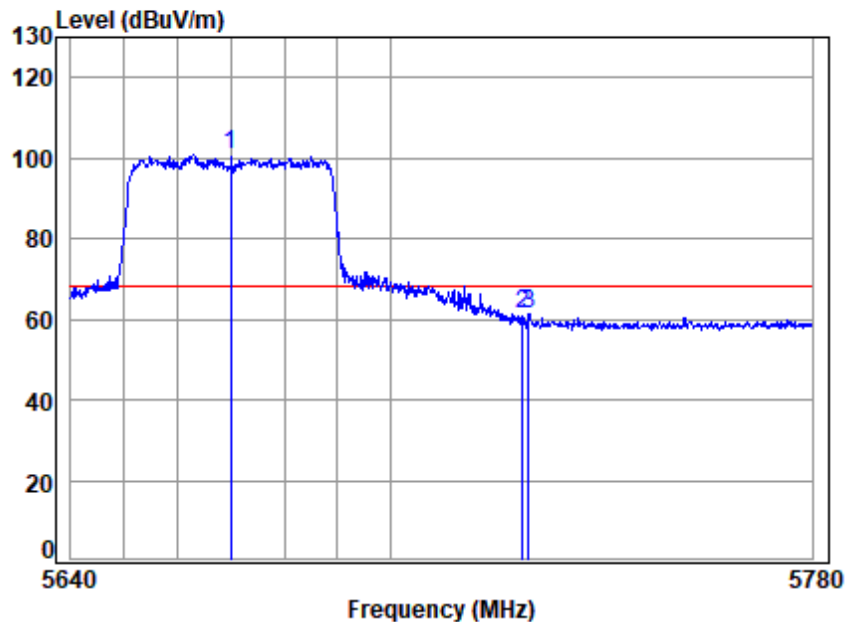
Job No : 02484AT/02485AT

Mode : 5510 Band edge
: 5G Wi-Fi 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 5457.666	10.60	32.90	30.72	33.35	46.13	54.00	-7.87	Average
2 5510.000	10.56	32.90	30.70	57.76	70.52	-----	-----	Average



Test Mode: 07; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

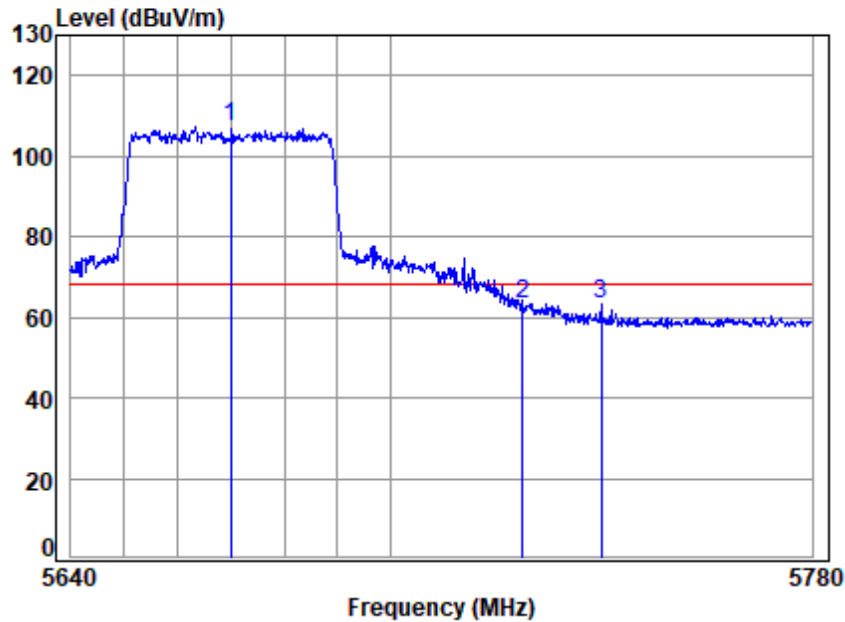
Mode : 5670 Band edge

: 5G Wi-Fi 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	5670.000	10.52	33.14	30.63	87.84	100.87	68.20	32.67	peak
2	5725.000	10.68	33.25	30.61	48.00	61.32	68.20	-6.88	peak
3	5726.114	10.68	33.25	30.61	48.00	61.32	68.20	-6.88	peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

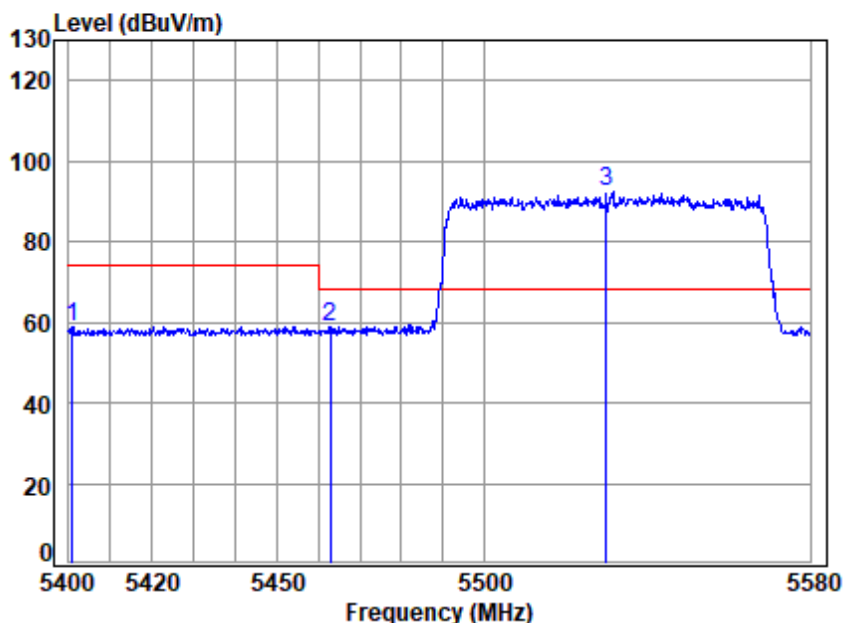
Job No : 02484AT/02485AT

Mode : 5670 Band edge
: 5G Wi-Fi 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	5670.000	10.52	33.14	30.63	94.08	107.11	68.20	38.91	Peak
2	5725.000	10.68	33.25	30.61	49.90	63.22	68.20	-4.98	Peak
3	5739.750	10.74	33.28	30.60	49.88	63.30	68.20	-4.90	Peak



Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5530 Band edge

: 5G Wi-Fi 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	5400.885	10.62	32.80	30.74	46.38	59.06	74.00	-14.94 peak
2	5462.867	10.59	32.90	30.71	46.11	58.89	68.20	-9.31 peak
3 pp	5530.000	10.53	32.90	30.69	79.48	92.22	68.20	24.02 peak



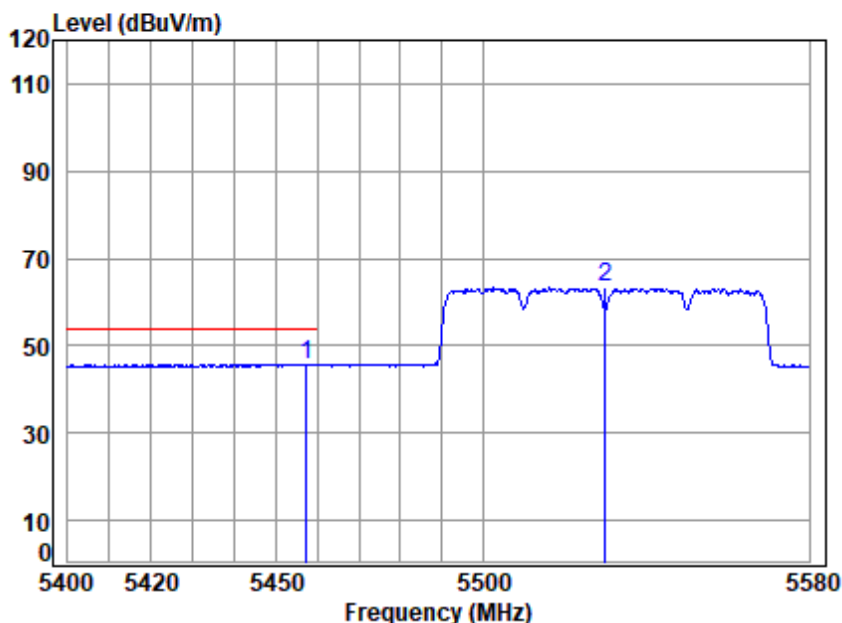
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Test Mode: 07; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5530 Band edge

: 5G Wi-Fi 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	5457.317	10.60	32.90	30.72	33.00	45.78	54.00	-8.22	Average
2	5530.000	10.53	32.90	30.69	50.47	63.21	-----	-----	Average



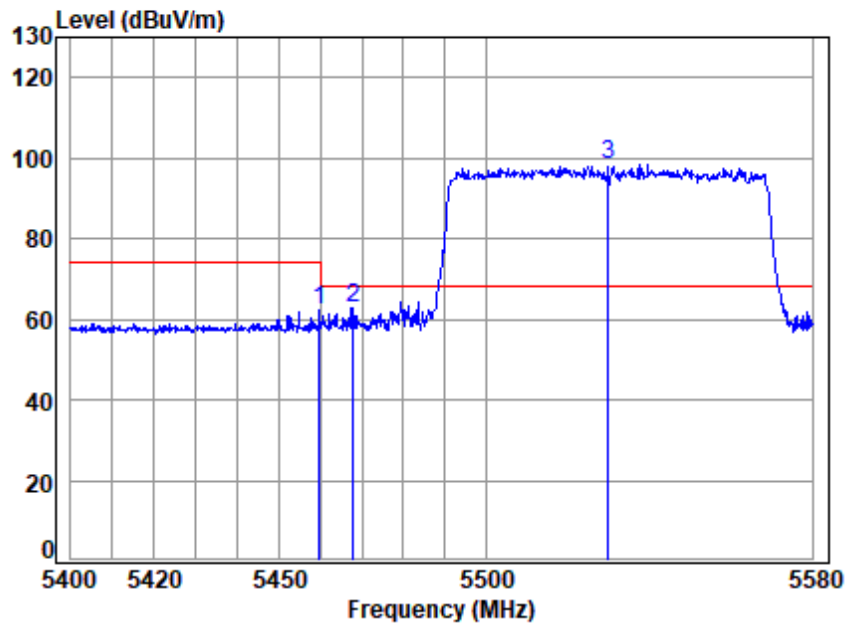
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

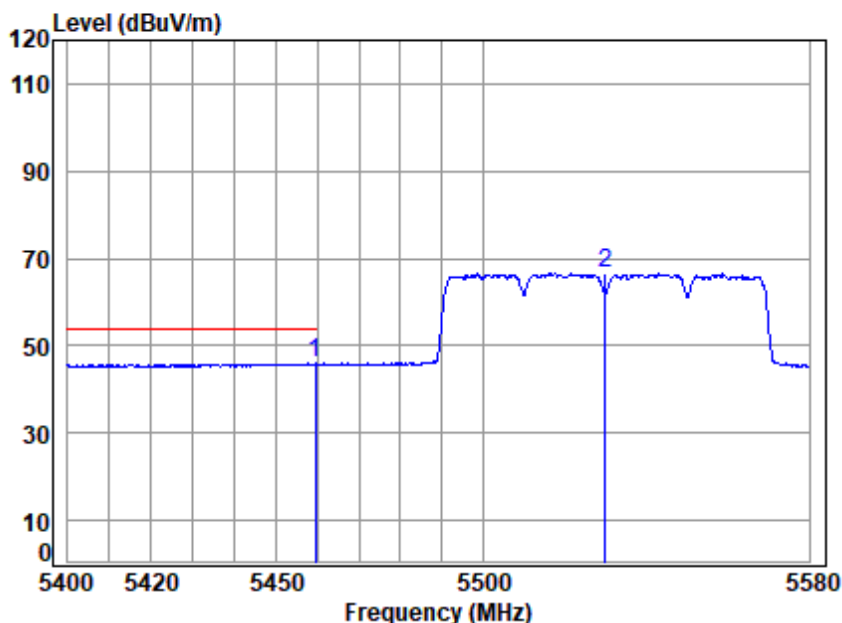
Mode : 5530 Band edge

: 5G Wi-Fi 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	5459.644	10.60	32.90	30.72	49.45	62.23	74.00	-11.77 Peak
2	5467.885	10.59	32.90	30.71	50.00	62.78	68.20	-5.42 peak
3	pp 5530.000	10.53	32.90	30.69	85.54	98.28	68.20	30.08 Peak



Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5530 Band edge
: 5G Wi-Fi 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	5459.465	10.60	32.90	30.72	33.11	45.89	54.00	-8.11	Average
2	5530.000	10.53	32.90	30.69	53.91	66.65	-----	-----	Average



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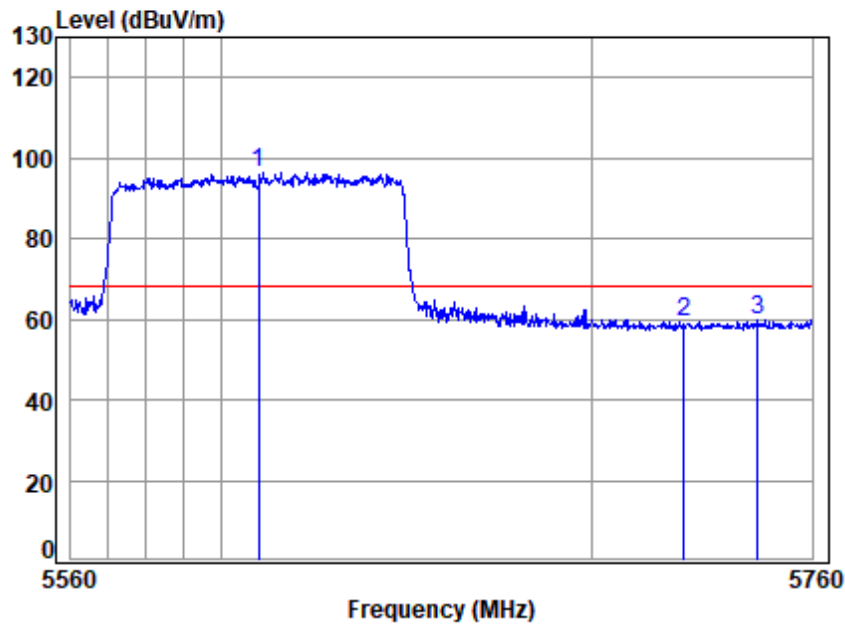
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Report No.: SZCR250600248405

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5610 Band edge

: 5G Wi-Fi 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	5610.000	10.43	33.02	30.66	83.75	96.54	68.20	28.34	peak
2	5725.000	10.68	33.25	30.61	46.11	59.43	68.20	-8.77	peak
3	5745.160	10.77	33.29	30.60	46.32	59.78	68.20	-8.42	peak



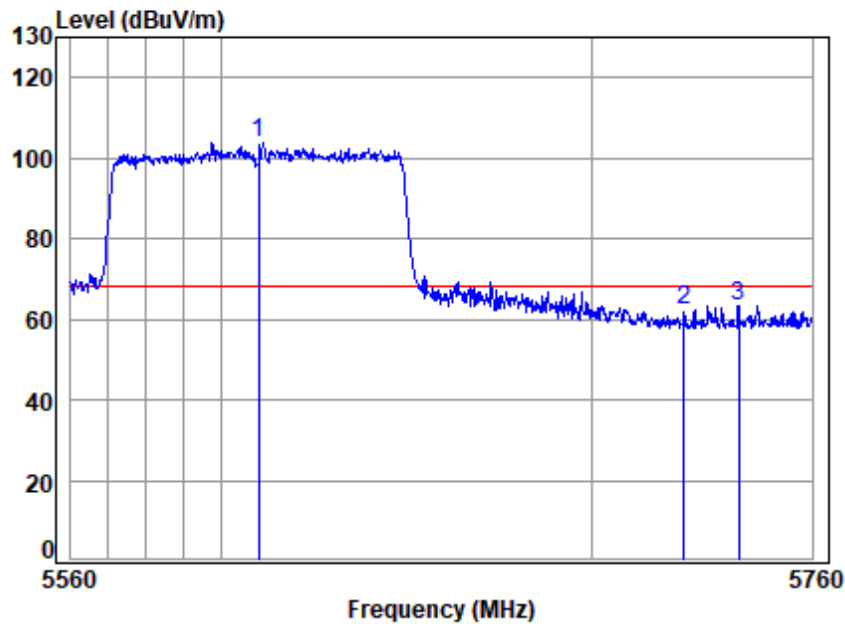
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Condition: 3m VERTICAL

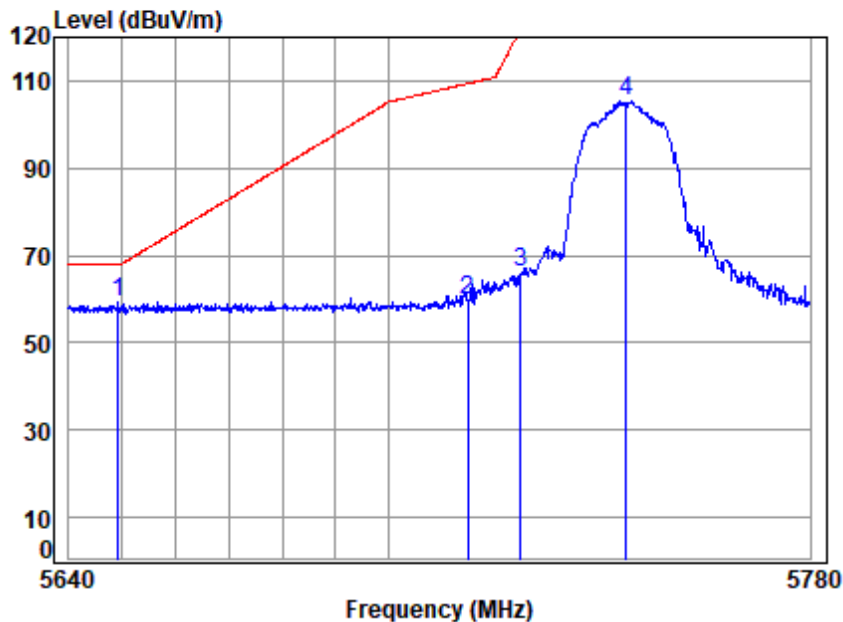
Job No : 02484AT/02485AT

Mode : 5610 Band edge
: 5G Wi-Fi 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	5610.000	10.43	33.02	30.66	91.16	103.95	68.20	35.75	Peak
2	5725.000	10.68	33.25	30.61	48.82	62.14	68.20	-6.06	peak
3	5739.883	10.74	33.28	30.60	50.08	63.50	68.20	-4.70	Peak



Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

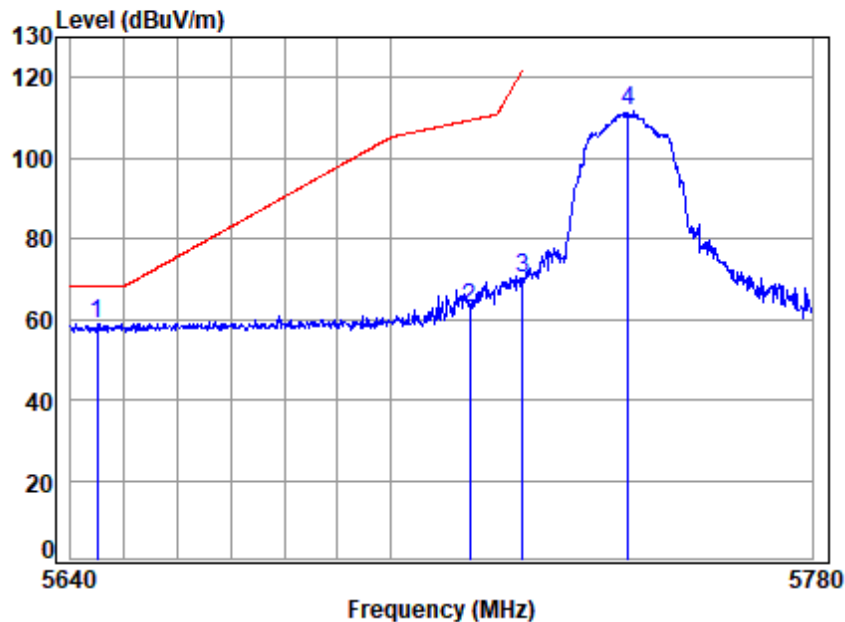
Job No : 02484AT/02485AT

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	5649.273	10.48	33.10	30.64	46.20	59.14	68.20	-9.06 peak
2	5715.000	10.63	33.23	30.61	46.67	59.92	109.40	-49.48 peak
3	5725.000	10.68	33.25	30.61	52.99	66.31	122.20	-55.89 peak
4	5745.000	10.77	33.29	30.60	91.86	105.32	-----	----- peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

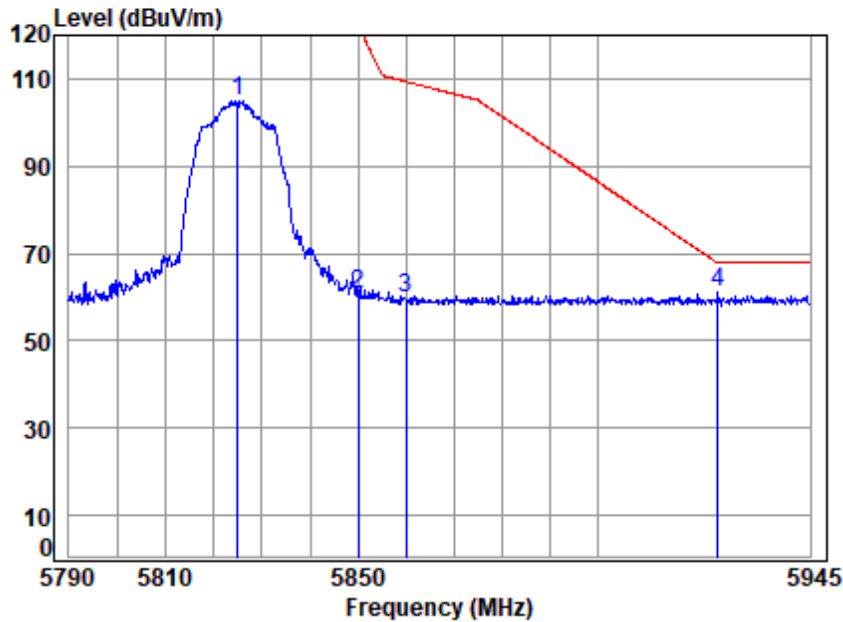
Mode : 5745 Band edge

: 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	5644.980	10.48	33.09	30.64	45.92	58.85	68.20	-9.35 peak
2	5715.000	10.63	33.23	30.61	49.59	62.84	109.40	-46.56 peak
3	5725.000	10.68	33.25	30.61	56.88	70.20	122.20	-52.00 peak
4	5745.000	10.77	33.29	30.60	98.01	111.47	-----	----- peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



Condition: 3m HORIZONTAL

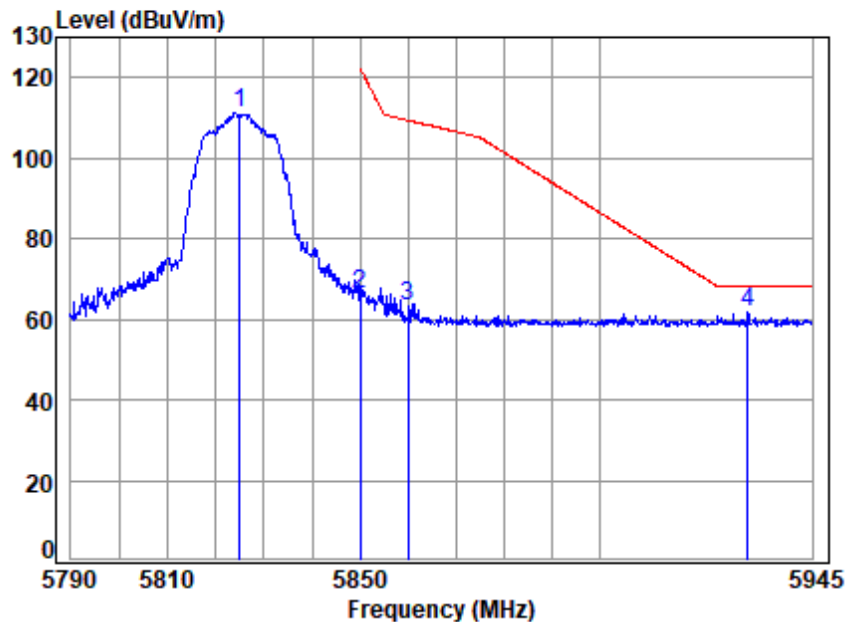
Job No : 02484AT/02485AT

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	91.10	105.02	-----	-----	peak
2 5850.000	10.95	33.60	30.56	46.77	60.76	122.20	-61.44	peak
3 5860.000	10.94	33.58	30.56	45.95	59.91	109.40	-49.49	peak
4 pp 5925.400	10.87	33.55	30.53	47.28	61.17	68.20	-7.03	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

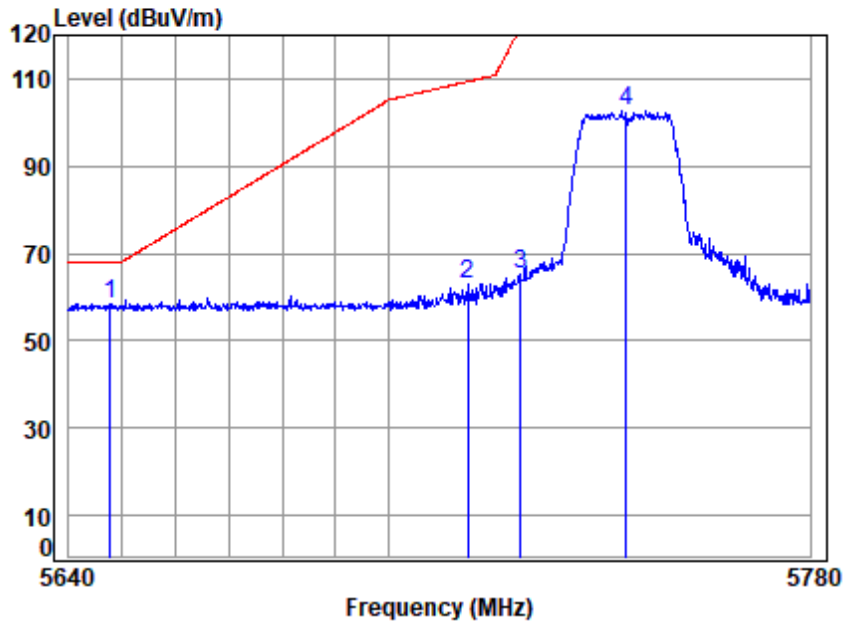
Mode : 5825 Band edge

: 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	
5825.000	10.99	33.50	30.57	97.12	111.04	-----	-----	peak
5850.000	10.95	33.60	30.56	52.49	66.48	122.20	-55.72	peak
5860.000	10.94	33.58	30.56	49.36	63.32	109.40	-46.08	peak
5931.352	10.86	33.56	30.53	47.67	61.56	68.20	-6.64	peak



Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

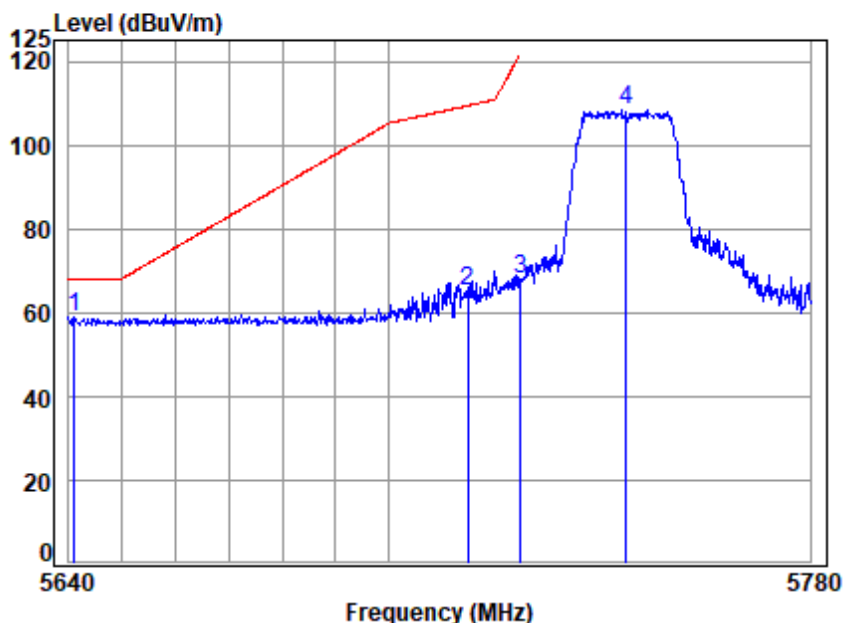
Mode : 5745 Band edge

: 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	5647.750	10.48	33.10	30.64	45.55	58.49	68.20	-9.71	peak
2	5715.000	10.63	33.23	30.61	49.65	62.90	109.40	-46.50	peak
3	5725.000	10.68	33.25	30.61	52.06	65.38	122.20	-56.82	peak
4	5745.000	10.77	33.29	30.60	89.25	102.71	-----	-----	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

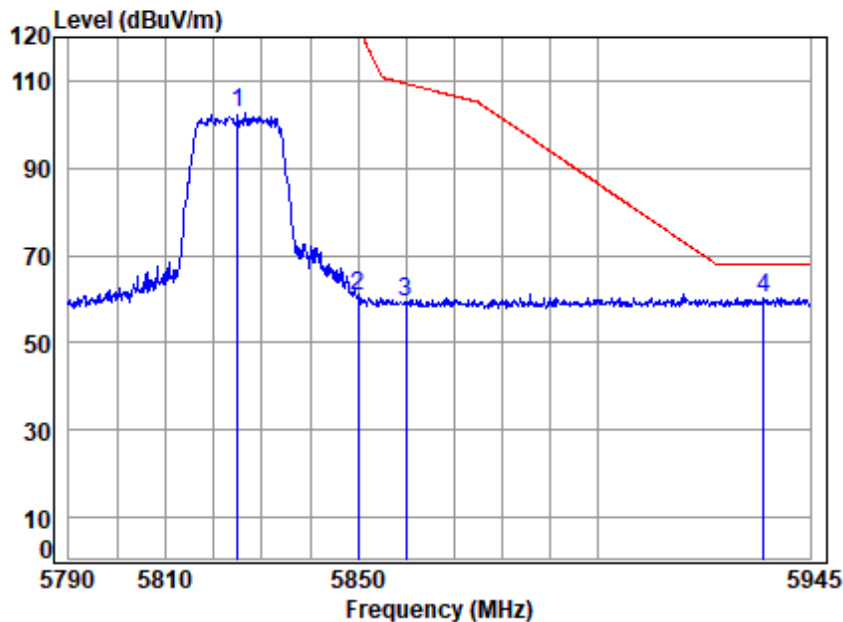
Mode : 5745 Band edge

: 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	5641.106	10.47	33.08	30.64	46.24	59.15	68.20	-9.05 peak
2	5715.000	10.63	33.23	30.61	51.88	65.13	109.40	-44.27 peak
3	5725.000	10.68	33.25	30.61	54.88	68.20	122.20	-54.00 peak
4	5745.000	10.77	33.29	30.60	94.99	108.45	-----	----- peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

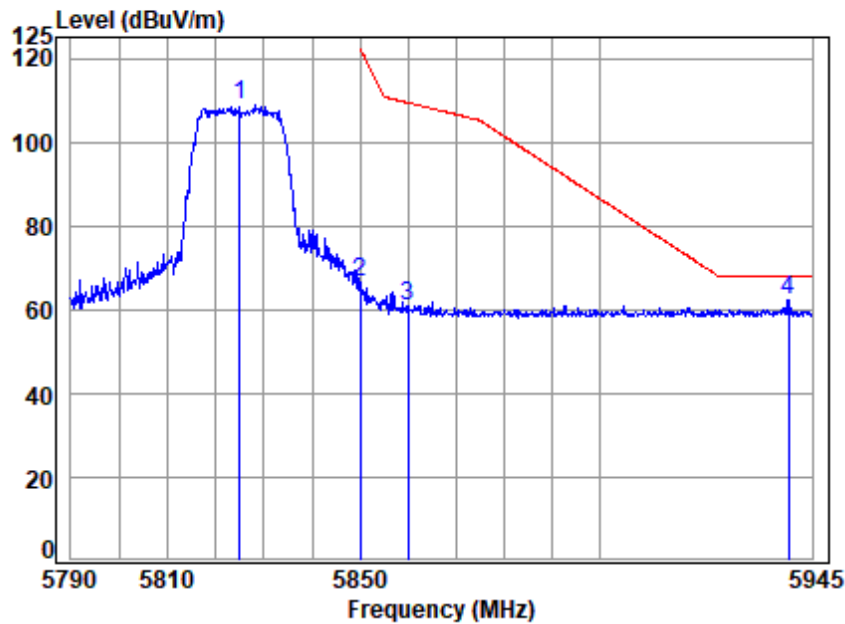
Mode : 5825 Band edge

: 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	88.65	102.57	-----	-----	peak
2	5850.000	10.95	33.60	30.56	46.60	60.59	122.20	-61.61	peak
3	5860.000	10.94	33.58	30.56	45.51	59.47	109.40	-49.93	peak
4 pp	5935.271	10.86	33.57	30.53	46.47	60.37	68.20	-7.83	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

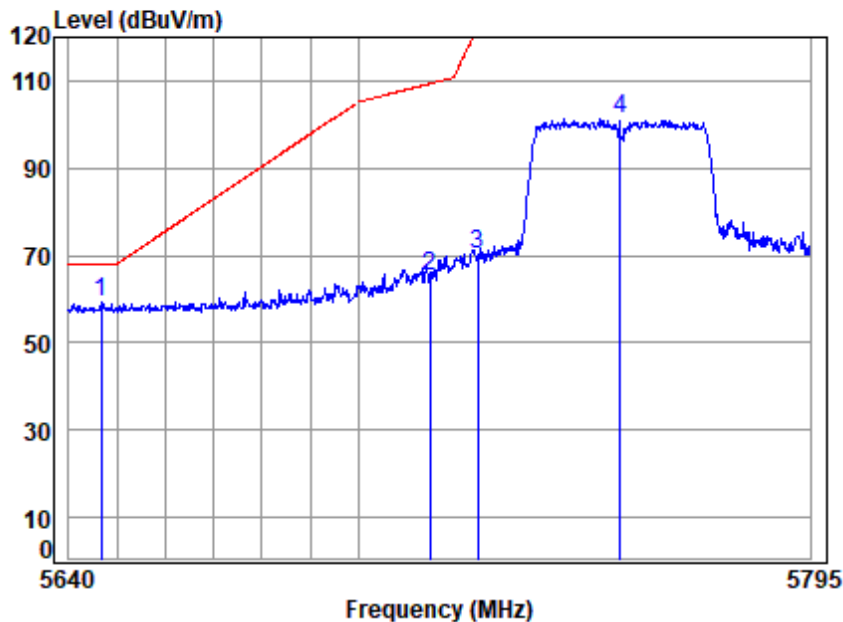
Mode : 5825 Band edge

: 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	94.84	108.76	-----	----- peak
2 5850.000	10.95	33.60	30.56	52.44	66.43	122.20	-55.77 peak
3 5860.000	10.94	33.58	30.56	47.04	61.00	109.40	-48.40 peak
4 pp 5939.976	10.86	33.58	30.52	48.21	62.13	68.20	-6.07 peak



Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

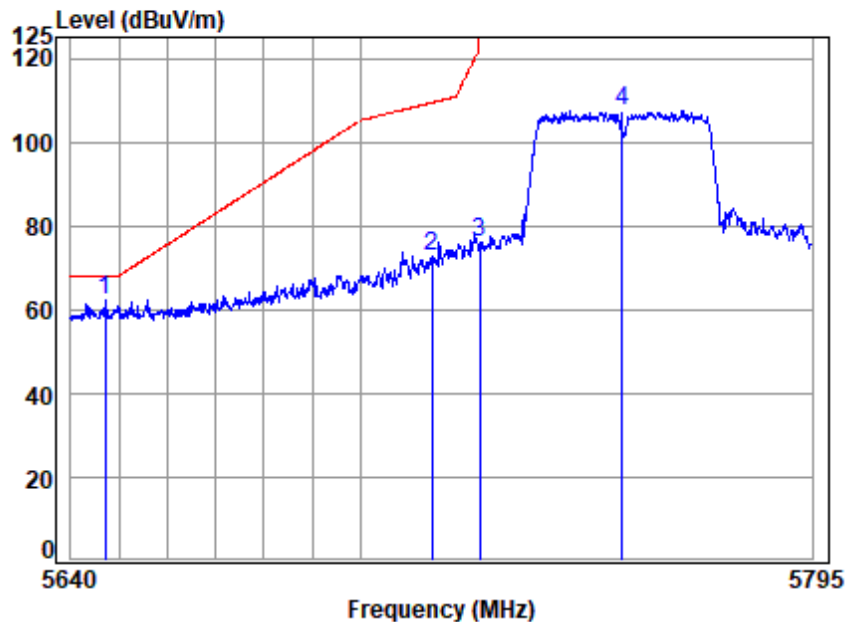
Mode : 5755 Band edge

: 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	5646.732	10.48	33.09	30.64	46.39	59.32	68.20	-8.88	peak
2	5715.000	10.63	33.23	30.61	51.78	65.03	109.40	-44.37	peak
3	5725.000	10.68	33.25	30.61	56.73	70.05	122.20	-52.15	peak
4	5755.000	10.81	33.31	30.60	87.94	101.46	-----	-----	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

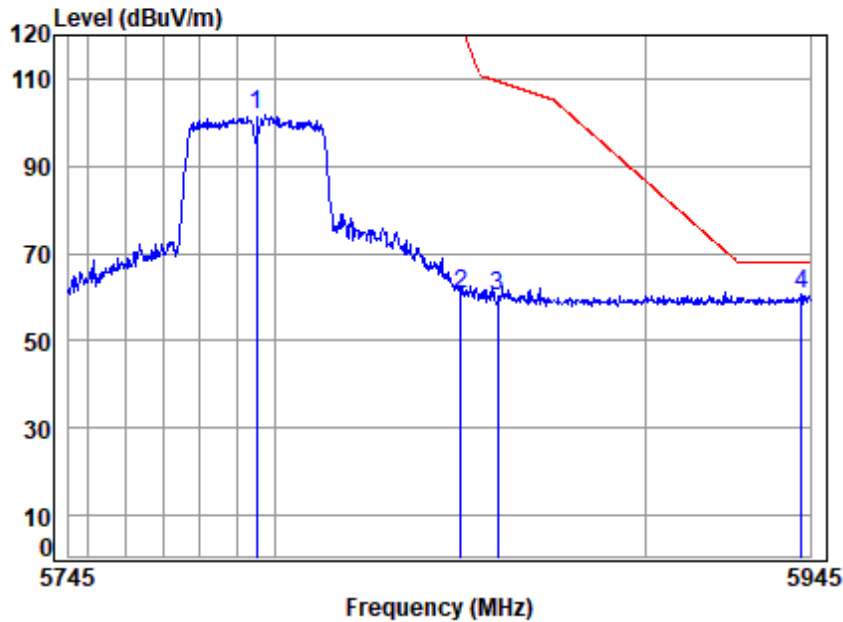
Mode : 5755 Band edge

: 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 5647.038	10.48	33.09	30.64	49.12	62.05	68.20	-6.15	peak
2 5715.000	10.63	33.23	30.61	59.66	72.91	109.40	-36.49	peak
3 5725.000	10.68	33.25	30.61	62.52	75.84	122.20	-46.36	peak
4 5755.000	10.81	33.31	30.60	93.77	107.29	-----	-----	peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 40MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

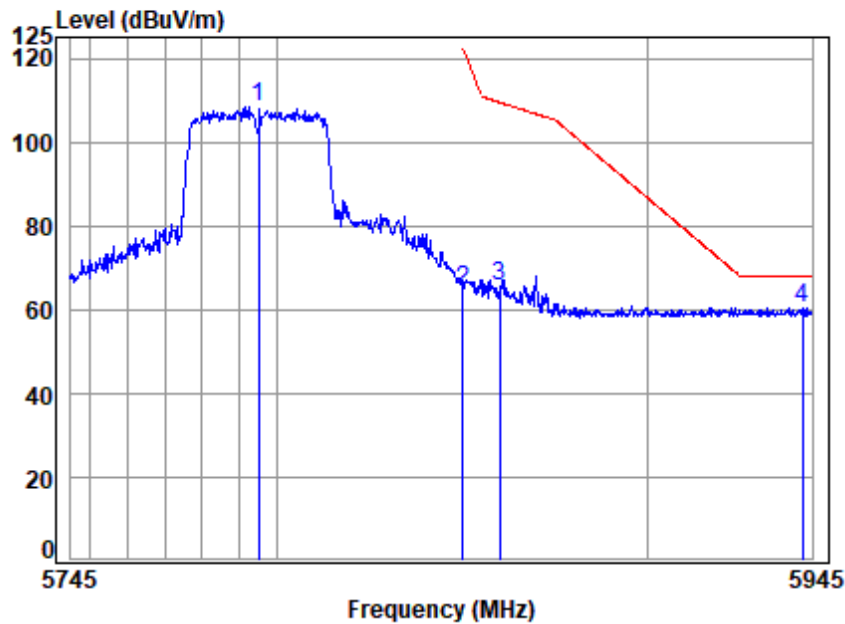
Mode : 5795 Band edge

: 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	87.93	101.74	-----	-----	peak
2	5850.000	10.95	33.60	30.56	46.90	60.89	122.20	-61.31	peak
3	5860.000	10.94	33.58	30.56	46.31	60.27	109.40	-49.13	peak
4 pp	5942.763	10.86	33.59	30.52	46.81	60.74	68.20	-7.46	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

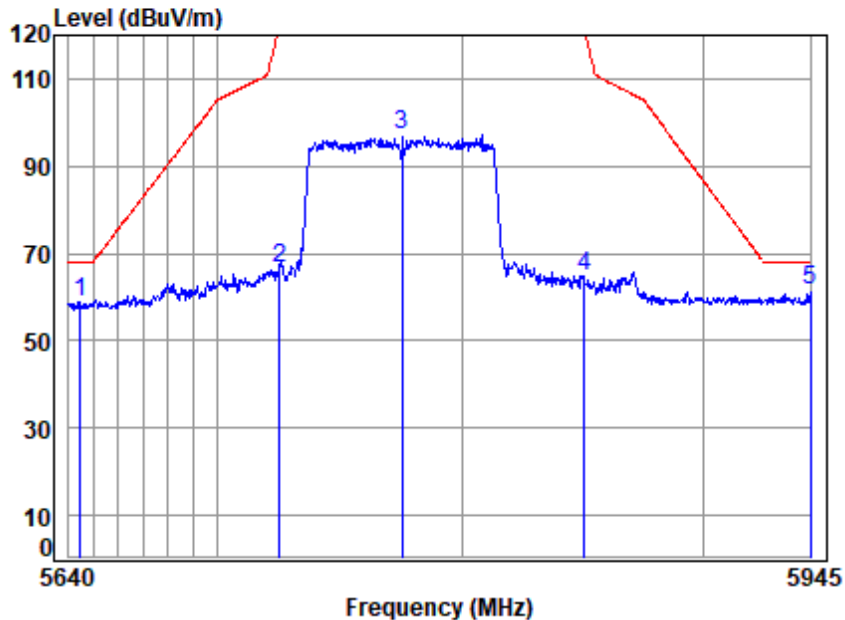
Mode : 5795 Band edge

: 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	
5795.000	11.00	33.39	30.58	94.50	108.31	-----	-----	peak
5850.000	10.95	33.60	30.56	50.73	64.72	122.20	-57.48	peak
5860.000	10.94	33.58	30.56	51.56	65.52	109.40	-43.88	peak
5942.356	10.86	33.58	30.52	46.38	60.30	68.20	-7.90	peak



Test Mode: 08; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

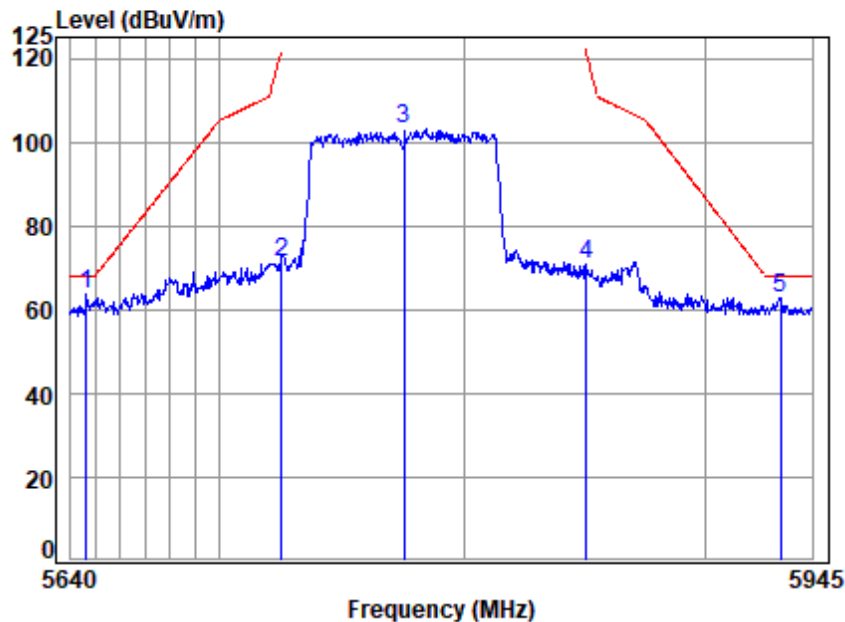
Mode : 5775 Band edge

: 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	5644.754	10.48	33.09	30.64	46.16	59.09	68.20	-9.11	Peak
2	5724.993	10.67	33.25	30.61	53.53	66.84	122.18	-55.34	peak
3	5775.000	10.91	33.35	30.59	83.38	97.05	-----	-----	peak
4	5850.267	10.95	33.60	30.56	50.80	64.79	121.59	-56.80	Peak
5 pp	5945.000	10.85	33.59	30.52	47.46	61.38	68.20	-6.82	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

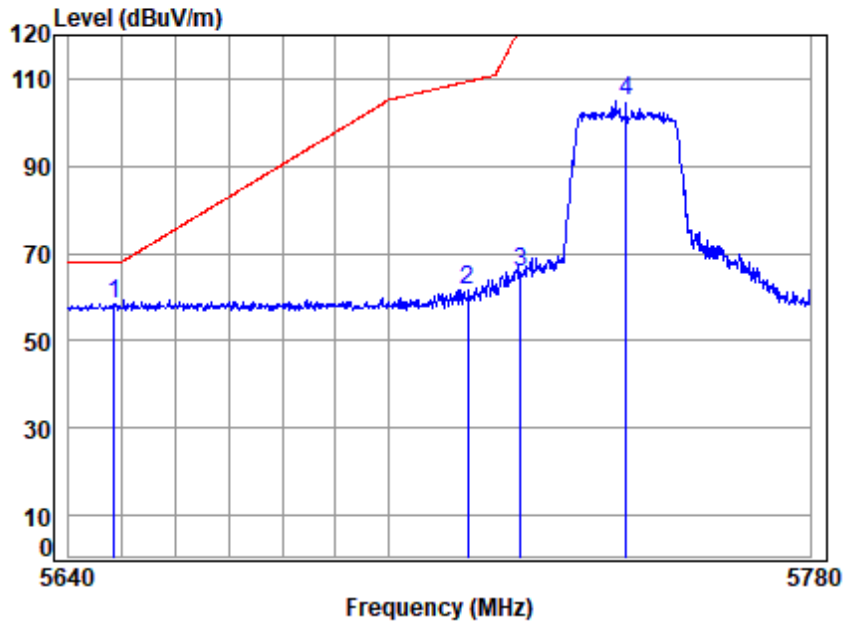
Mode : 5775 Band edge

: 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 pp	5646.241	10.48	33.09	30.64	50.54	63.47	68.20	-4.73	Peak
2	5724.993	10.67	33.25	30.61	58.08	71.39	122.18	-50.79	peak
3	5775.000	10.91	33.35	30.59	89.39	103.06	-----	-----	peak
4	5850.267	10.95	33.60	30.56	56.85	70.84	121.59	-50.75	peak
5	5931.552	10.86	33.56	30.53	48.97	62.86	68.20	-5.34	peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

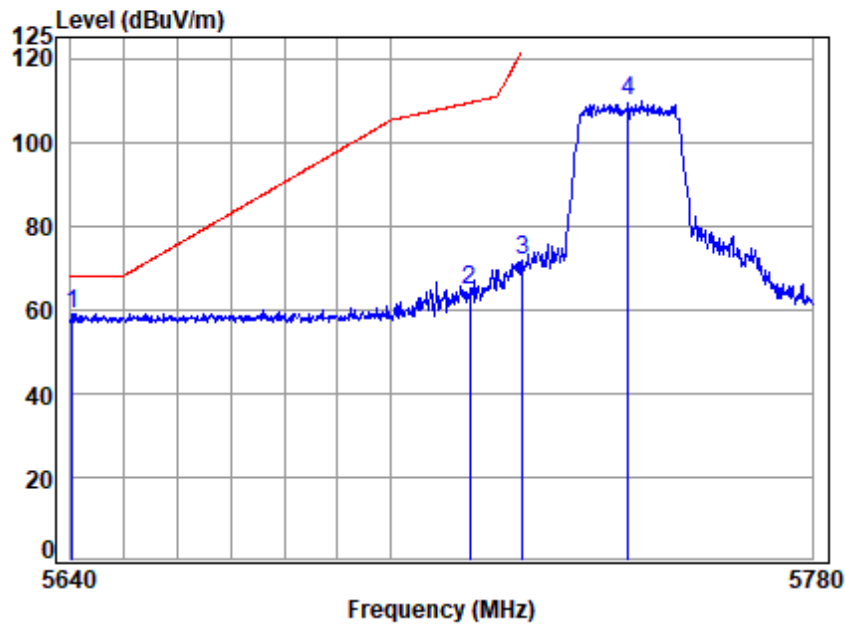
Mode : 5745 Band edge

: 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 5648.442	10.48	33.10	30.64	45.62	58.56	68.20	-9.64	peak
2 5715.000	10.63	33.23	30.61	48.27	61.52	109.40	-47.88	peak
3 5725.000	10.68	33.25	30.61	52.28	65.60	122.20	-56.60	peak
4 5745.000	10.77	33.29	30.60	91.33	104.79	-----	-----	peak



Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

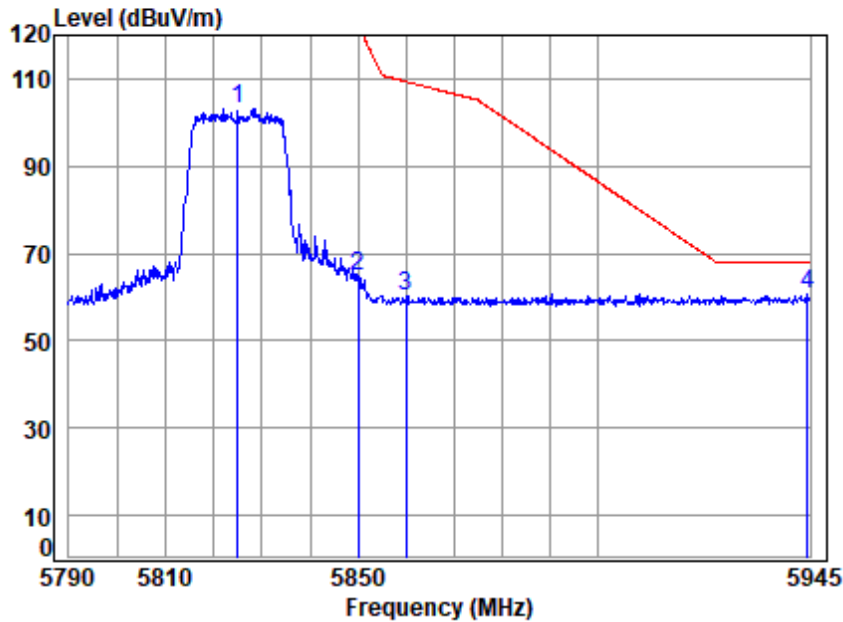
Mode : 5745 Band edge

: 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	5640.276	10.47	33.08	30.64	46.13	59.04	68.20	-9.16 peak
2	5715.000	10.63	33.23	30.61	51.48	64.73	109.40	-44.67 peak
3	5725.000	10.68	33.25	30.61	58.47	71.79	122.20	-50.41 peak
4	5745.000	10.77	33.29	30.60	96.55	110.01	-----	----- peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

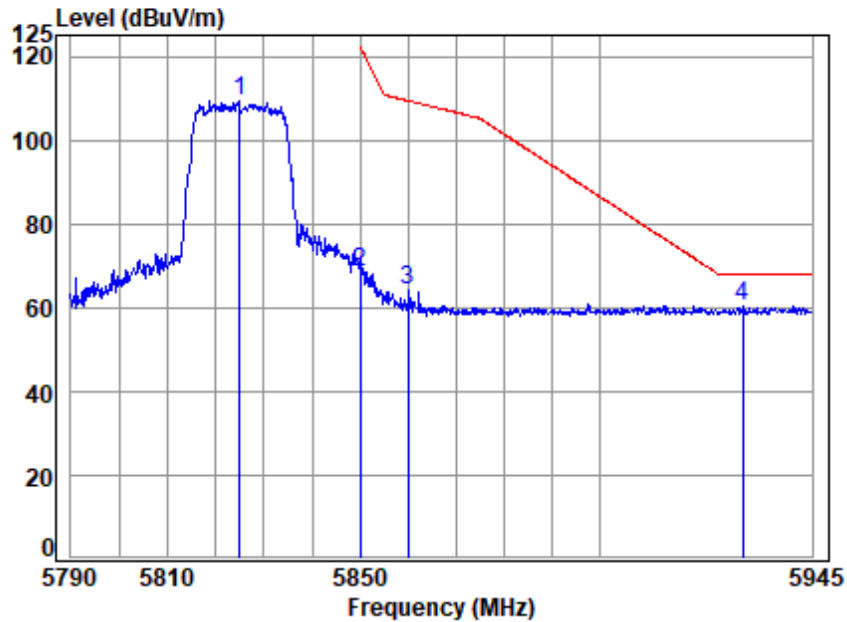
Mode : 5825 Band edge

: 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	
5825.000	10.99	33.50	30.57	89.20	103.12	-----	-----	peak
5850.000	10.95	33.60	30.56	50.74	64.73	122.20	-57.47	peak
5860.000	10.94	33.58	30.56	46.29	60.25	109.40	-49.15	peak
5944.529	10.85	33.59	30.52	46.59	60.51	68.20	-7.69	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

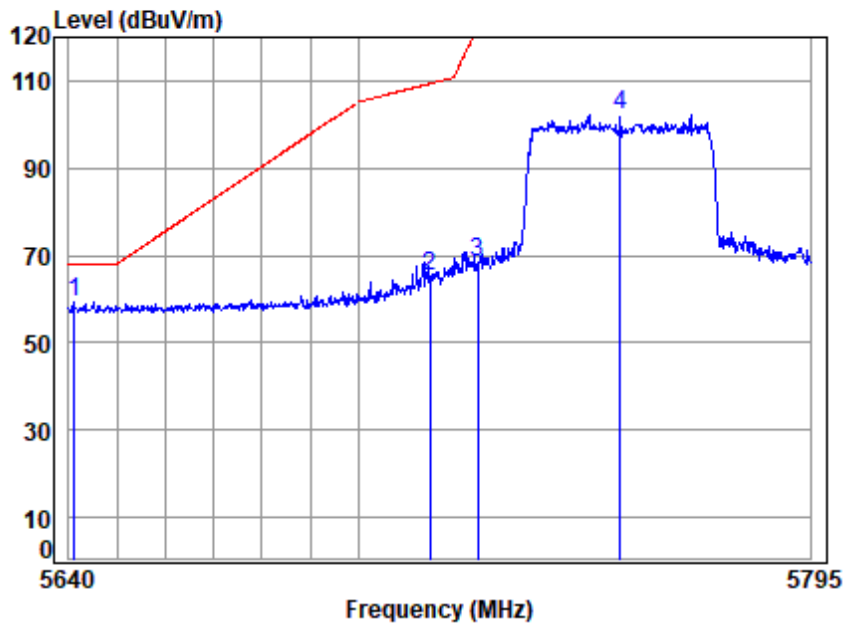
Mode : 5825 Band edge

: 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	95.58	109.50	-----	----- peak
2 5850.000	10.95	33.60	30.56	54.36	68.35	122.20	-53.85 peak
3 5860.000	10.94	33.58	30.56	50.35	64.31	109.40	-45.09 peak
4 pp 5930.255	10.87	33.56	30.53	46.37	60.27	68.20	-7.93 peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

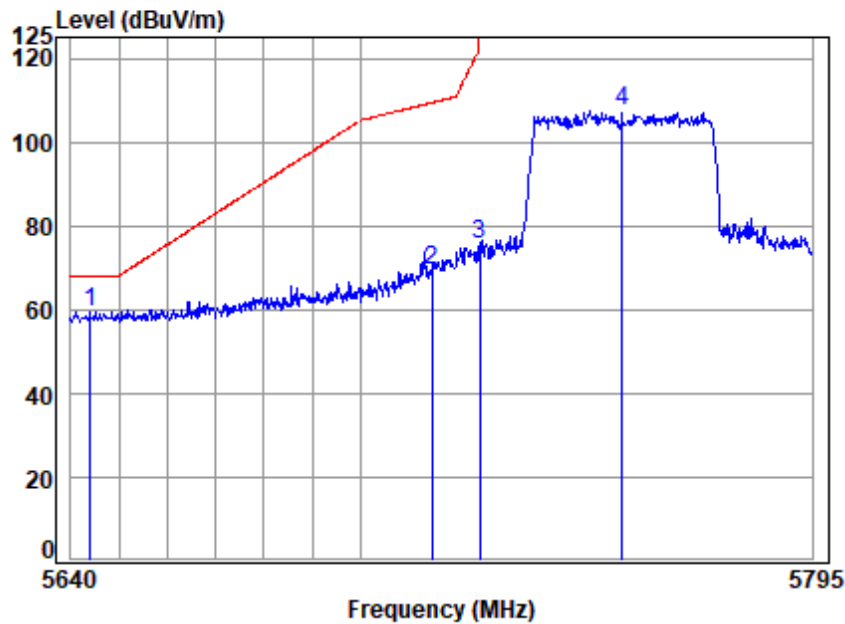
Mode : 5755 Band edge

: 5.8G Wi-Fi 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	5641.070	10.47	33.08	30.64	46.27	59.18	68.20	-9.02	peak
2	5715.000	10.63	33.23	30.61	51.86	65.11	109.40	-44.29	peak
3	5725.000	10.68	33.25	30.61	55.01	68.33	122.20	-53.87	peak
4	5755.000	10.81	33.31	30.60	88.78	102.30	-----	-----	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

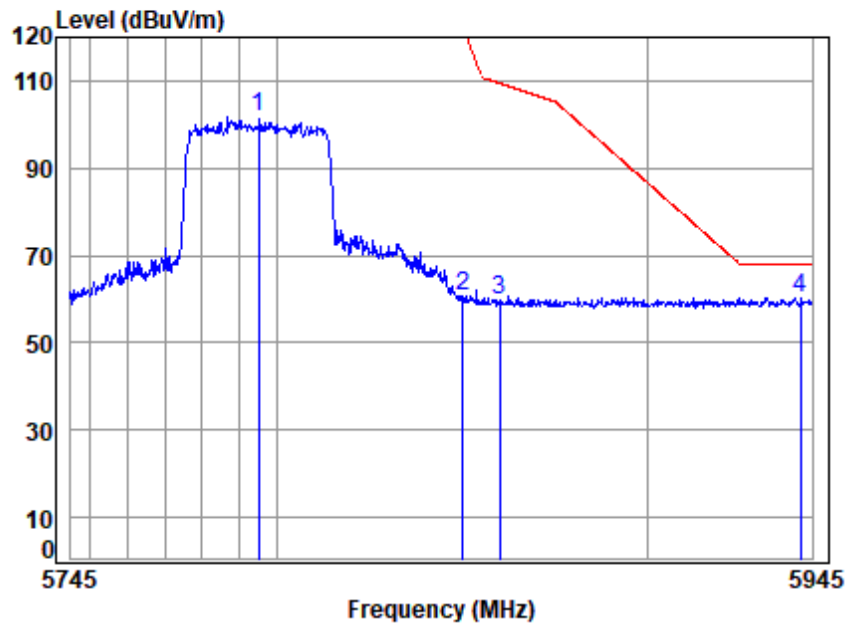
Mode : 5755 Band edge

: 5.8G Wi-Fi 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	5643.977	10.48	33.09	30.64	46.69	59.62	68.20	-8.58	peak
2	5715.000	10.63	33.23	30.61	56.20	69.45	109.40	-39.95	peak
3	5725.000	10.68	33.25	30.61	62.09	75.41	122.20	-46.79	peak
4	5755.000	10.81	33.31	30.60	94.04	107.56	-----	-----	peak



Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: High



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

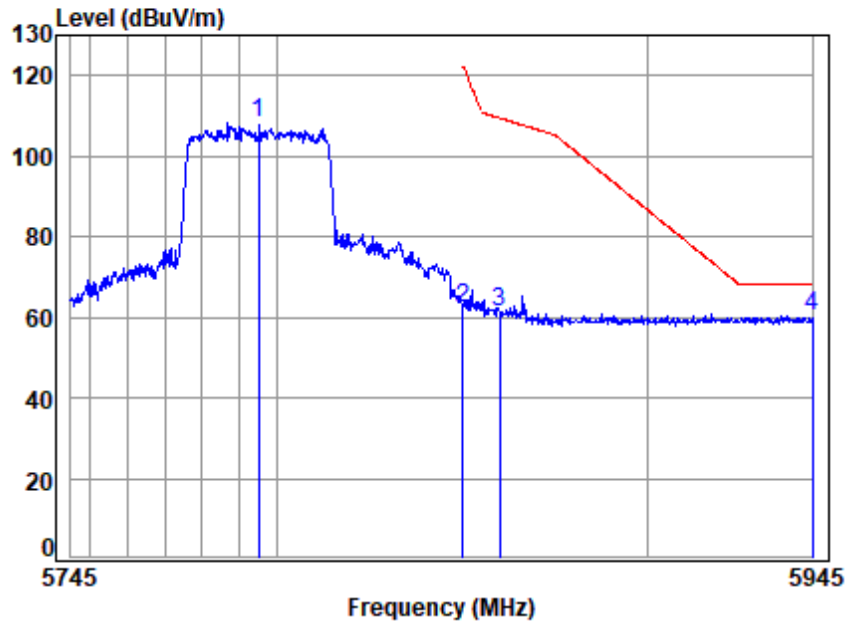
Mode : 5795 Band edge

: 5.8G Wi-Fi 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 5795.000	11.00	33.39	30.58	87.77	101.58	-----	-----	peak
2 5850.000	10.95	33.60	30.56	46.59	60.58	122.20	-61.62	peak
3 5860.000	10.94	33.58	30.56	45.91	59.87	109.40	-49.53	peak
4 pp 5941.949	10.86	33.58	30.52	46.22	60.14	68.20	-8.06	peak



Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 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	5795.000	11.00	33.39	30.58	94.25	108.06	-----	-----	peak
2	5850.000	10.95	33.60	30.56	48.35	62.34	122.20	-59.86	peak
3	5860.000	10.94	33.58	30.56	47.54	61.50	109.40	-47.90	peak
4 pp	5945.000	10.85	33.59	30.52	46.35	60.27	68.20	-7.93	peak



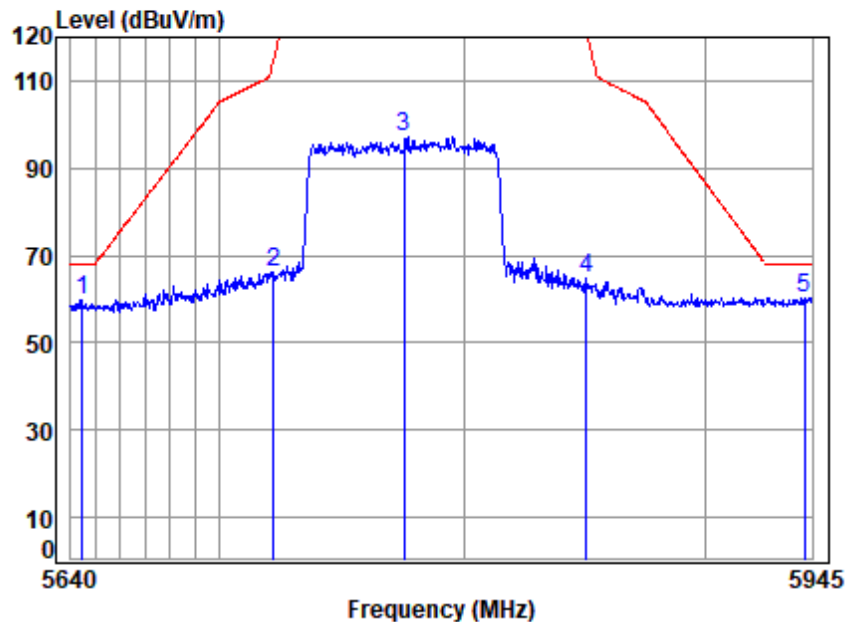
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 02484AT/02485AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 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	5644.458	10.48	33.09	30.64	46.69	59.62	68.20	-8.58	Peak
2	5721.677	10.66	33.24	30.61	52.98	66.27	114.62	-48.35	peak
3	5775.000	10.91	33.35	30.59	83.41	97.08	-----	-----	peak
4	5850.575	10.95	33.60	30.56	50.77	64.76	120.89	-56.13	Peak
5 pp	5941.870	10.86	33.58	30.52	46.48	60.40	68.20	-7.80	peak



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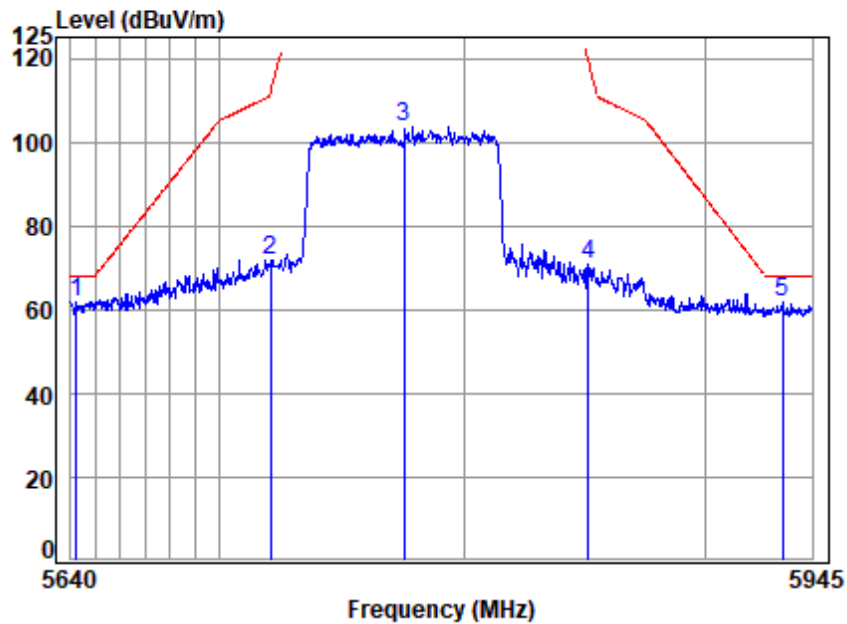
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 02484AT/02485AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 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 5642.080	10.47	33.08	30.64	48.88	61.79	68.20	-6.41	Peak
2 5720.773	10.66	33.24	30.61	58.70	71.99	112.56	-40.57	peak
3 5775.000	10.91	33.35	30.59	89.97	103.64	-----	-----	peak
4 5851.191	10.95	33.60	30.56	56.83	70.82	119.48	-48.66	peak
5 pp 5932.489	10.86	33.56	30.53	47.98	61.87	68.20	-6.33	peak



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7.5 Duty Cycle

Test Requirement ANSI C63.10-2020 Section 12.2

Test Method: ANSI C63.10-2020 Section 12.2

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 51.9 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



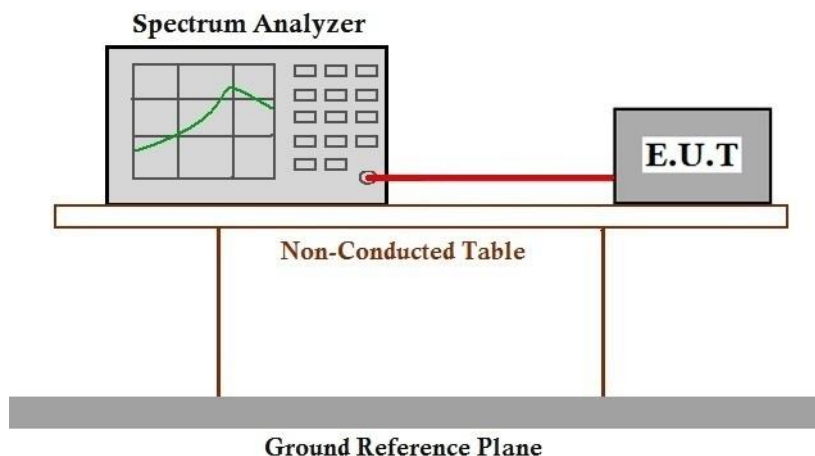
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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.6 99% Bandwidth

Test Requirement ANSI C63.10-2020 Section 12.5

Test Method: ANSI C63.10-2020 Section 12.5

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 51.9 % RH Atmospheric Pressure: 1020 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



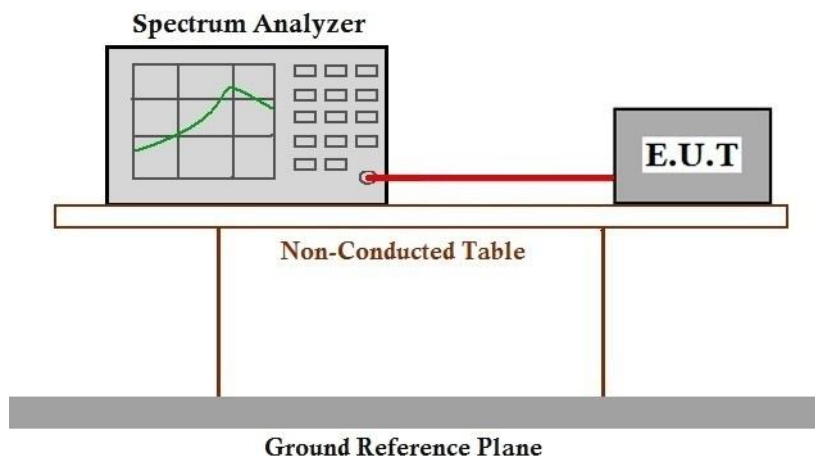
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7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.7 26dB Emission bandwidth

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

Test Method: ANSI C63.10-2020 Section 12.5

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

Humidity: 51.9 % RH

Atmospheric Pressure: 1020 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



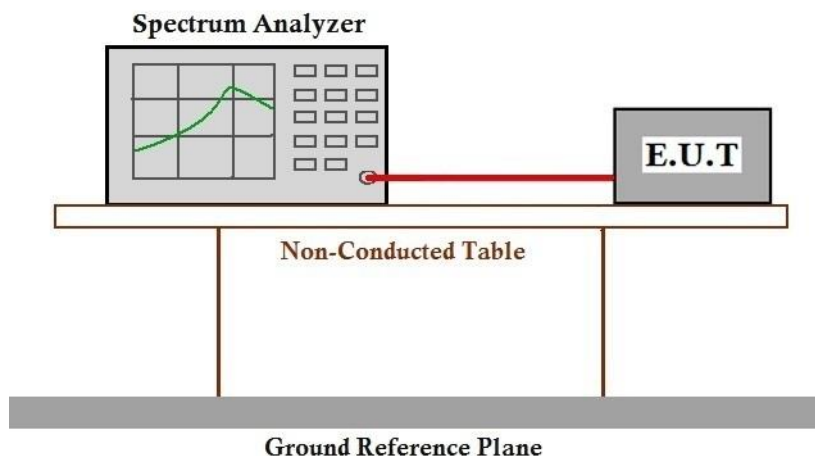
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7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details



7.8 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

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

Test Method: ANSI C63.10-2020 Section 6.9.2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

Humidity: 51.9 % RH

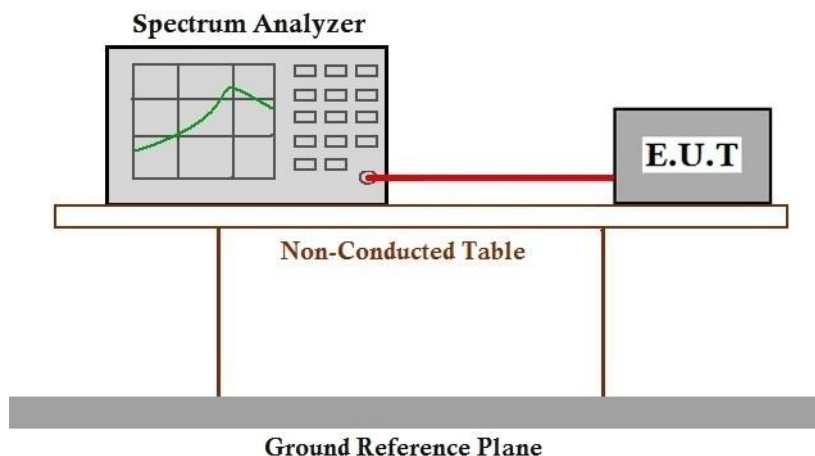
Atmospheric Pressure: 1020 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details



7.9 Maximum Conducted output power

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

Test Method: ANSI C63.10-2020 Section 12.4

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 51.9 % RH Atmospheric Pressure: 1020 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report

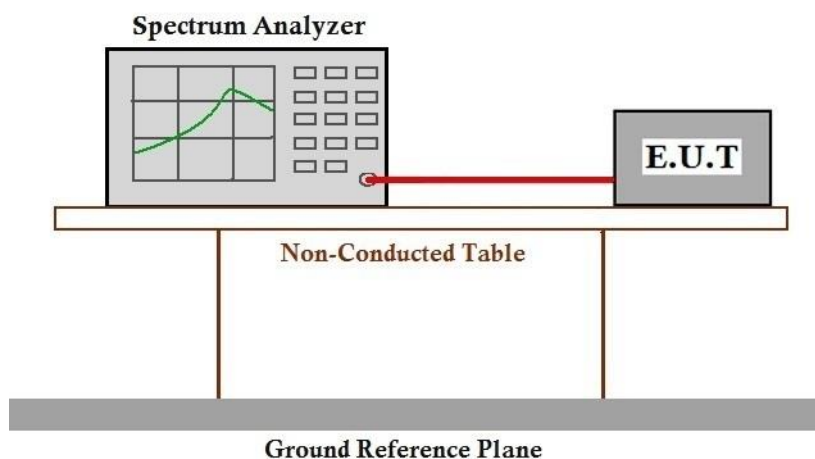


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Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
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7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

Please Refer to Appendix for Details



7.10 Peak Power spectrum density

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

Test Method: ANSI C63.10-2020 Section 12.6

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

Humidity: 51.9 % RH

Atmospheric Pressure: 1020 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



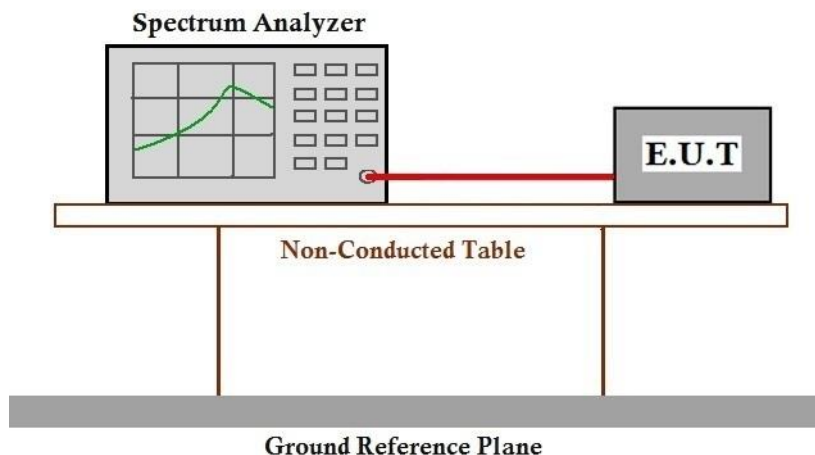
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7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

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7.11 Frequency Stability

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

Test Method: ANSI C63.10-2020 Section 6.8

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 51.9 % RH Atmospheric Pressure: 1020 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	06	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	07	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report
Final test	08	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report



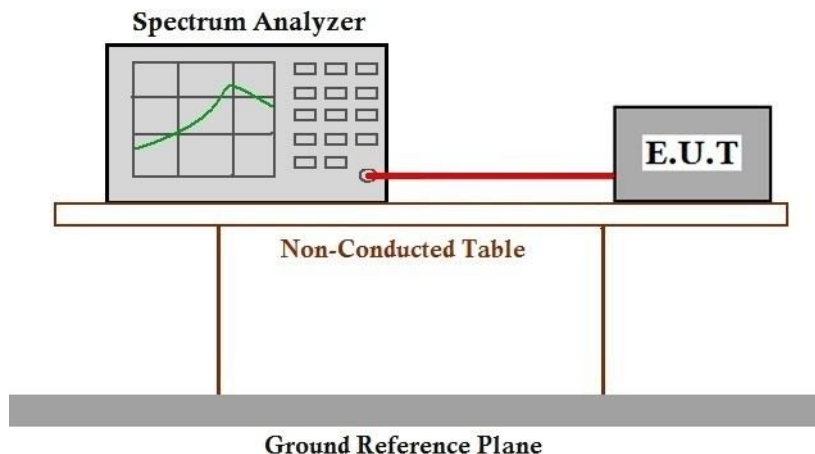
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7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.12 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.12.1 E.U.T. Operation

Operating Environment:

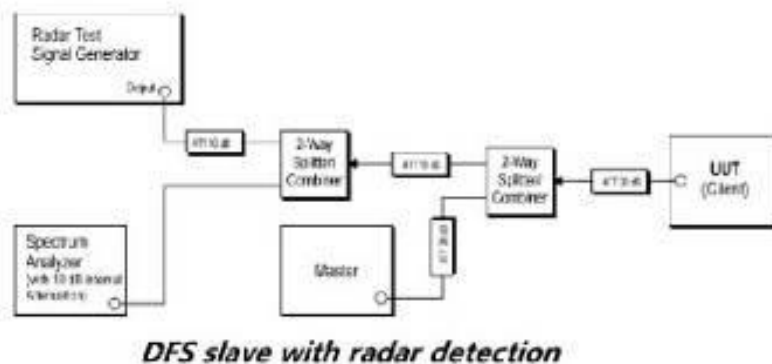
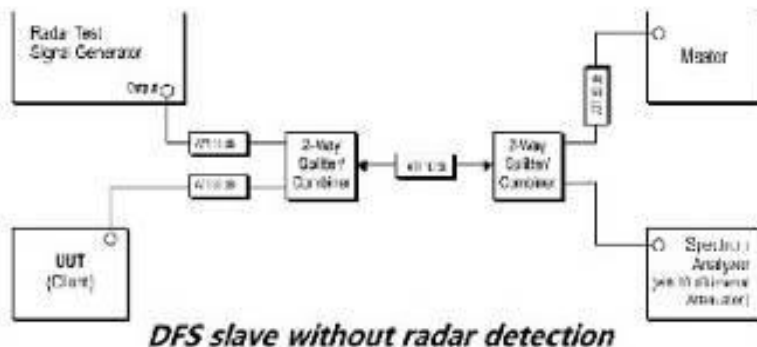
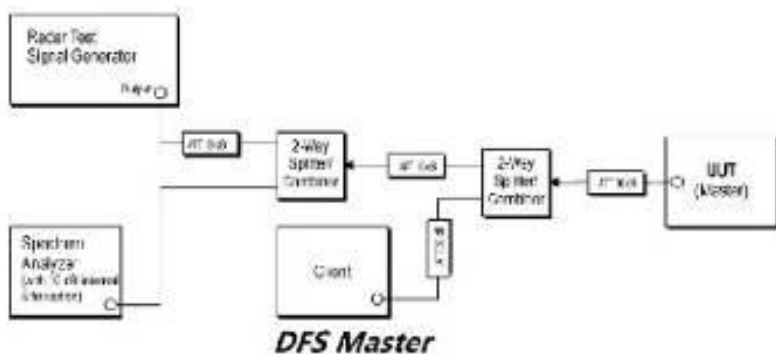
Temperature: 25.9 °C Humidity: 39.6 % RH Atmospheric Pressure: 1020 mbar



7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Normal mode_Keep the EUT pairing and working normally

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.13 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.13.1 E.U.T. Operation

Operating Environment:

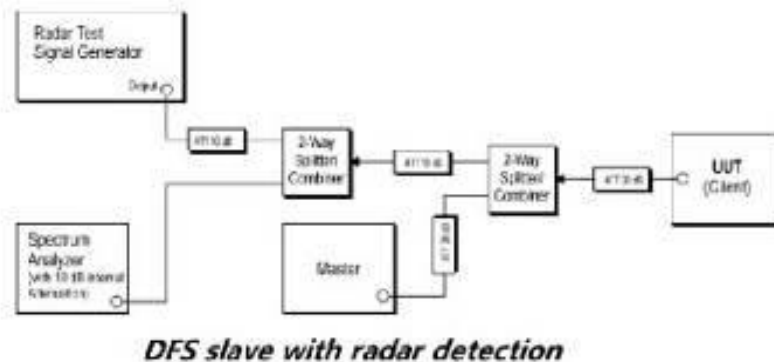
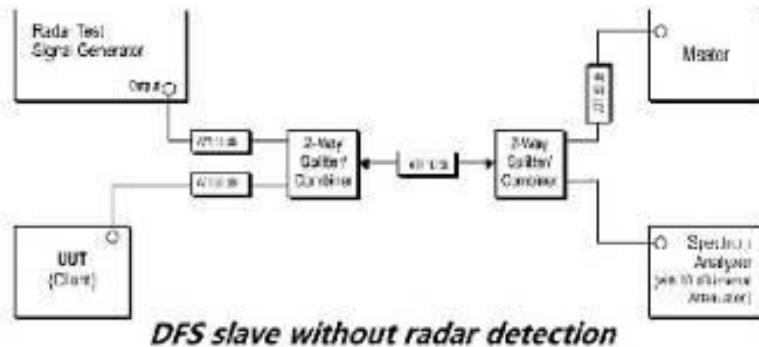
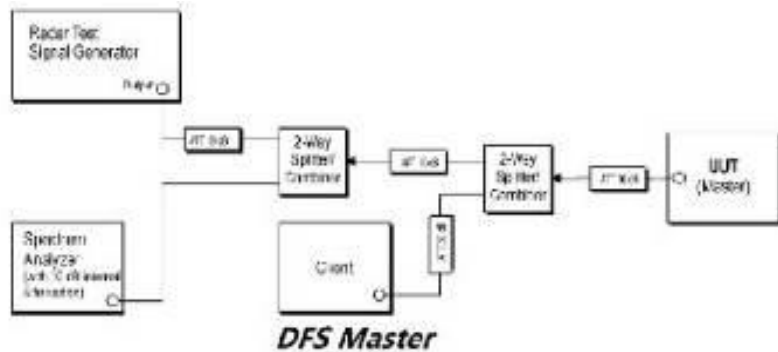
Temperature: 25.9 °C Humidity: 39.6 % RH Atmospheric Pressure: 1020 mbar



7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Normal mode_Keep the EUT pairing and working normally

7.13.3 Test Setup Diagram



7.13.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2506002484AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2506002484AT



10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	MIMO	5180	/	/	1.428	1.577	90.55	0.43	0.03
		5200	/	/	1.429	1.577	90.62	0.43	0.03
		5240	/	/	1.428	1.576	90.61	0.43	0.03
		5260	/	/	1.430	1.578	90.62	0.43	0.06
		5300	/	/	1.427	1.576	90.55	0.43	0.03
		5320	/	/	1.428	1.577	90.55	0.43	0.03
		5500	/	/	1.428	1.577	90.55	0.43	0.03
		5580	/	/	1.430	1.577	90.68	0.42	0.03
		5700	/	/	1.430	1.576	90.74	0.42	0.00
		5745	/	/	1.430	1.577	90.68	0.42	0.00
		5785	/	/	1.430	1.577	90.68	0.42	0.00
		5825	/	/	1.430	1.577	90.68	0.42	0.00
802.11n (HT20)	MIMO	5180	/	/	0.692	0.841	82.28	0.85	0.03
		5200	/	/	0.692	0.841	82.28	0.85	0.03
		5240	/	/	0.694	0.841	82.52	0.83	0.01
		5260	/	/	0.692	0.841	82.28	0.85	0.04
		5300	/	/	0.694	0.841	82.52	0.83	0.00
		5320	/	/	0.692	0.841	82.28	0.85	0.03
		5500	/	/	0.693	0.840	82.50	0.84	0.03
		5580	/	/	0.693	0.841	82.40	0.84	0.07
		5700	/	/	0.694	0.841	82.52	0.83	0.03
		5745	/	/	0.694	0.841	82.52	0.83	0.03
		5785	/	/	0.693	0.840	82.50	0.84	0.03
		5825	/	/	0.693	0.840	82.50	0.84	0.03
802.11n (HT40)	MIMO	5190	/	/	0.363	0.505	71.88	1.43	0.06
		5230	/	/	0.358	0.505	70.89	1.49	28.99
		5270	/	/	0.358	0.505	70.89	1.49	0.16



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		5310	/	/	0.358	0.505	70.89	1.49	0.02
		5510	/	/	0.357	0.505	70.69	1.51	0.03
		5550	/	/	0.358	0.505	70.89	1.49	0.08
		5670	/	/	0.358	0.505	70.89	1.49	0.11
		5755	/	/	0.666	0.813	81.92	0.87	0.03
		5795	/	/	0.358	0.505	70.89	1.49	0.06
802.11ac (VHT20)	MIMO	5180	/	/	0.129	0.277	46.57	3.32	0.11
		5200	/	/	0.130	0.277	46.93	3.29	0.13
		5240	/	/	0.129	0.277	46.57	3.32	0.09
		5260	/	/	0.130	0.278	46.76	3.30	0.11
		5300	/	/	0.129	0.277	46.57	3.32	0.12
		5320	/	/	0.130	0.277	46.93	3.29	0.14
		5500	/	/	0.129	0.277	46.57	3.32	0.14
		5580	/	/	0.130	0.277	46.93	3.29	0.13
		5700	/	/	0.131	0.277	47.29	3.25	0.20
		5745	/	/	0.129	0.277	46.57	3.32	0.20
		5785	/	/	0.129	0.277	46.57	3.32	0.14
		5825	/	/	0.130	0.277	46.93	3.29	0.13
802.11ac (VHT40)	MIMO	5190	/	/	0.088	0.237	37.13	4.30	0.06
		5230	/	/	0.088	0.237	37.13	4.30	0.07
		5270	/	/	0.088	0.238	36.97	4.32	0.08
		5310	/	/	0.088	0.238	36.97	4.32	0.09
		5510	/	/	0.089	0.237	37.55	4.25	0.12
		5550	/	/	0.090	0.238	37.82	4.22	0.06
		5670	/	/	0.089	0.237	37.55	4.25	0.07
		5755	/	/	0.088	0.237	37.13	4.30	0.06
		5795	/	/	0.089	0.237	37.55	4.25	0.09
802.11ac (VHT80)	MIMO	5210	/	/	0.066	0.214	30.84	5.11	0.06
		5290	/	/	0.066	0.213	30.99	5.09	0.04
		5530	/	/	0.066	0.214	30.84	5.11	0.09
		5610	/	/	0.065	0.214	30.37	5.18	0.08
		5775	/	/	0.066	0.214	30.84	5.11	0.11
802.11ax (HEW20)	MIMO	5180	SU	/	1.044	1.193	87.51	0.58	0.03
		5200	SU	/	1.044	1.193	87.51	0.58	0.07
		5240	SU	/	1.044	1.193	87.51	0.58	0.03
		5260	SU	/	1.044	1.193	87.51	0.58	0.06
		5300	SU	/	1.044	1.193	87.51	0.58	0.07
		5320	SU	/	1.045	1.194	87.52	0.58	0.03
		5500	SU	/	1.044	1.194	87.44	0.58	0.03
		5580	SU	/	1.044	1.193	87.51	0.58	0.03



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		5785	SU	/	1.044	1.193	87.51	0.58	0.03
		5825	SU	/	1.044	1.194	87.44	0.58	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	0.089	0.238	37.39	4.27	0.10
		5230	SU	/	0.088	0.237	37.13	4.30	0.03
		5270	SU	/	0.088	0.237	37.13	4.30	0.09
		5310	SU	/	0.088	0.238	36.97	4.32	0.18
		5510	SU	/	0.089	0.238	37.39	4.27	0.06
		5550	SU	/	0.089	0.238	37.39	4.27	0.12
		5670	SU	/	0.088	0.237	37.13	4.30	0.12
		5755	SU	/	0.089	0.238	37.39	4.27	0.04
		5795	SU	/	0.088	0.237	37.13	4.30	0.08
802.11ax (HEW80)	MIMO	5210	SU	/	0.079	0.228	34.65	4.60	0.07
		5290	SU	/	0.079	0.228	34.65	4.60	0.10
		5530	SU	/	0.078	0.228	34.21	4.66	0.10
		5610	SU	/	0.078	0.228	34.21	4.66	0.06
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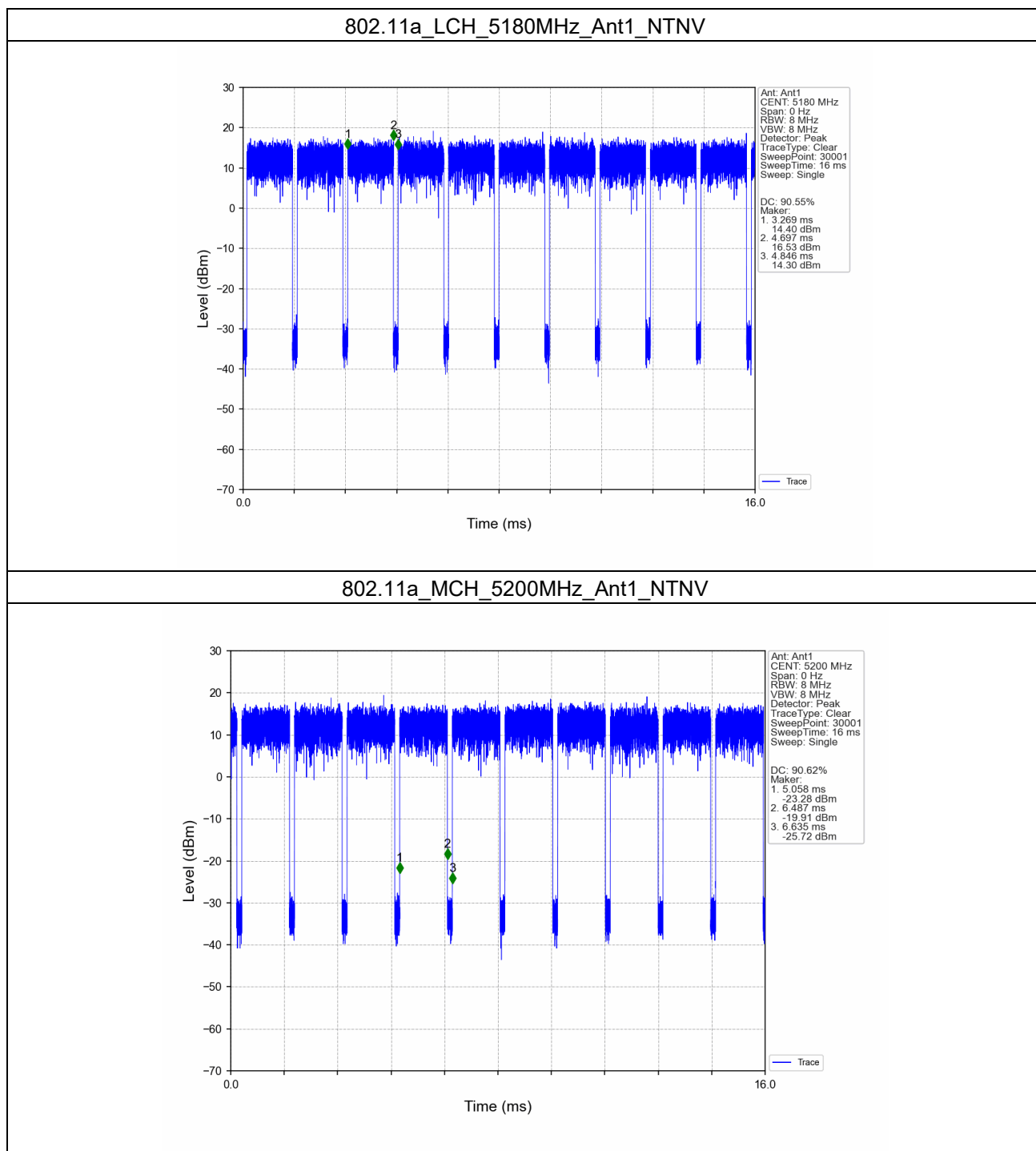
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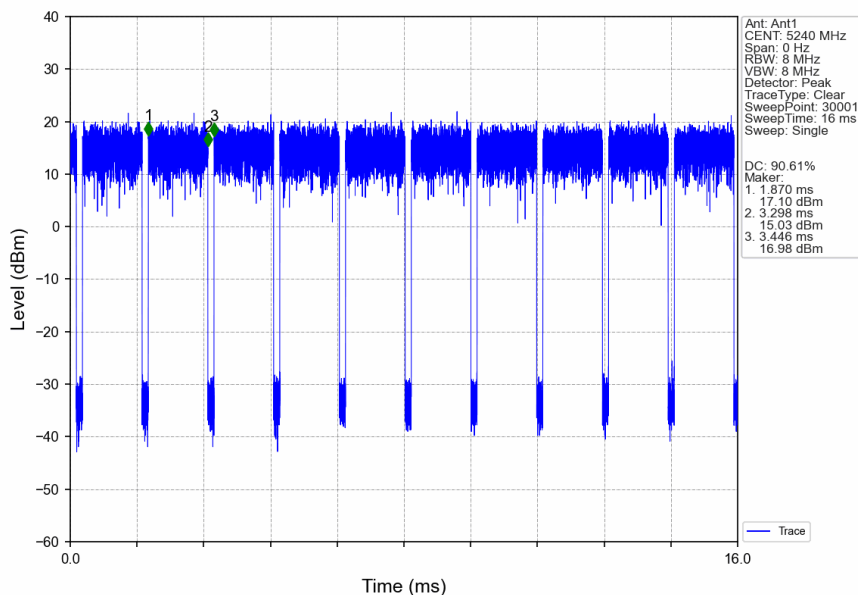
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1.2 Test Graph

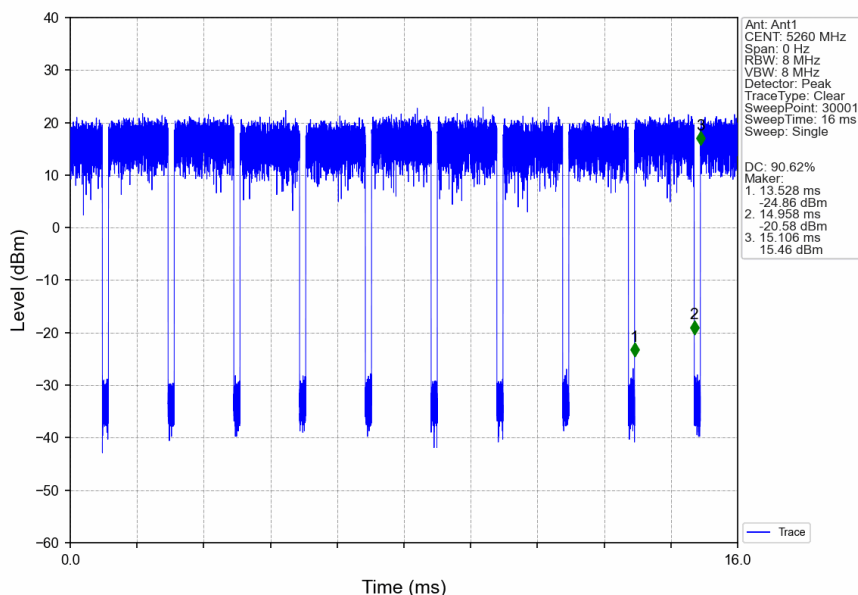
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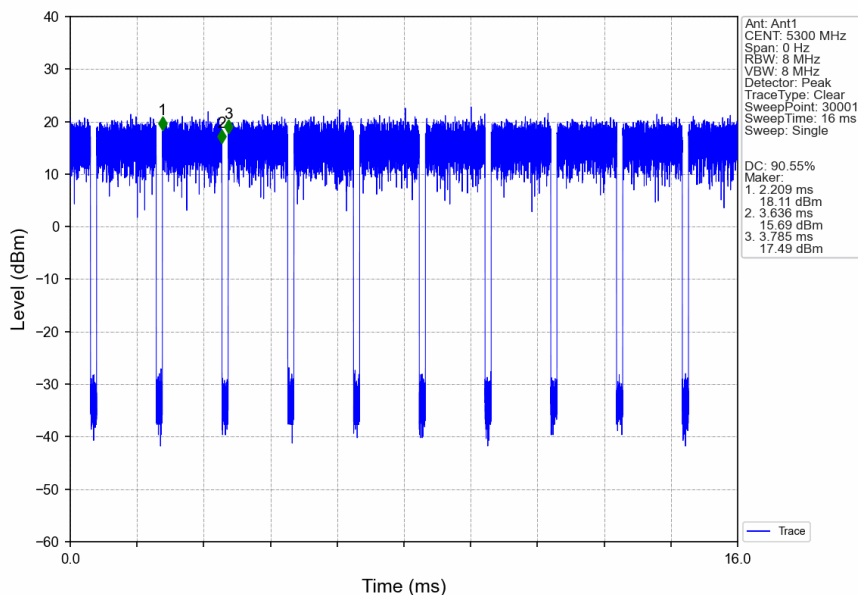
802.11a_HCH_5240MHz_Ant1_NTNV



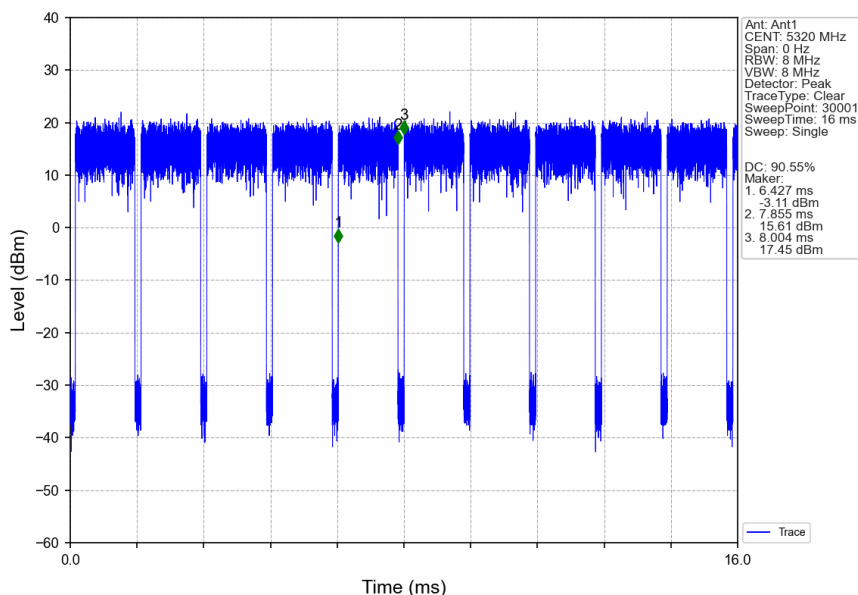
802.11a_LCH_5260MHz_Ant1_NTNV



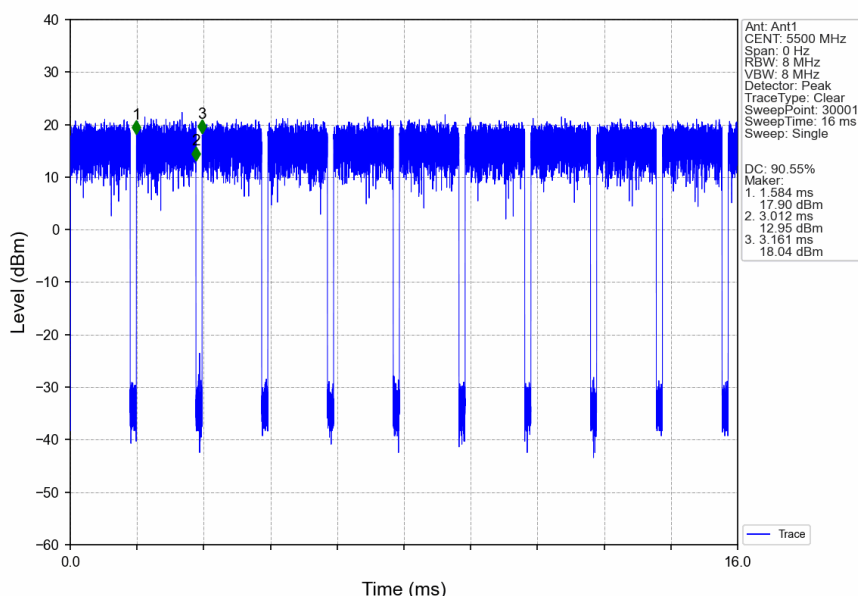
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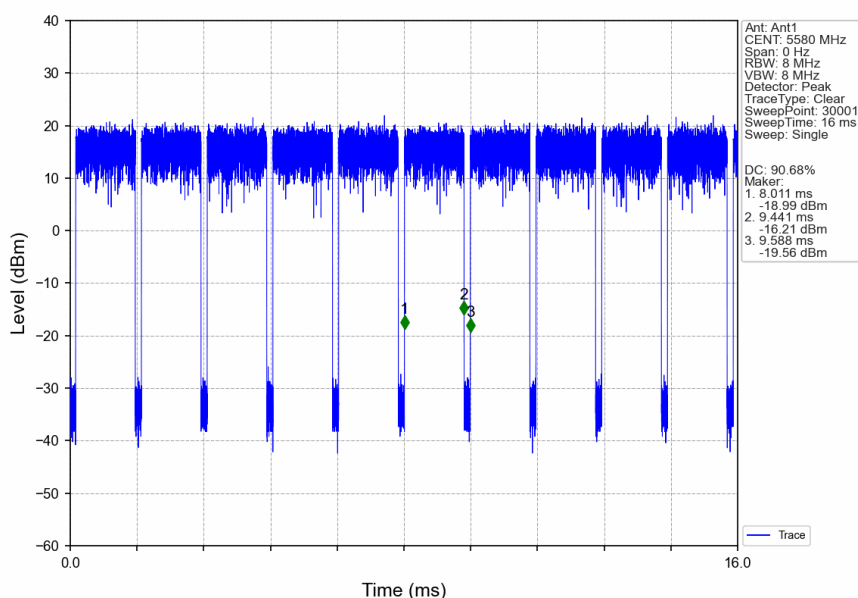
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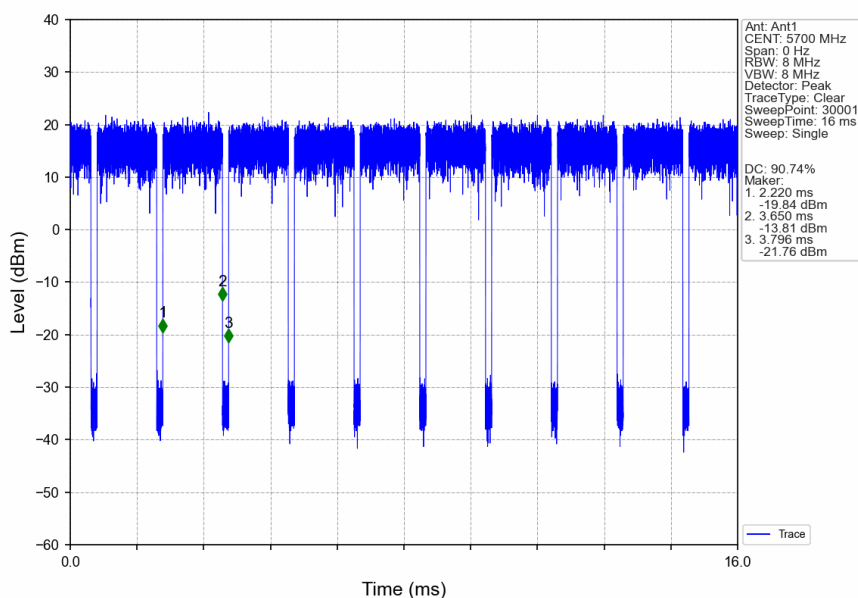
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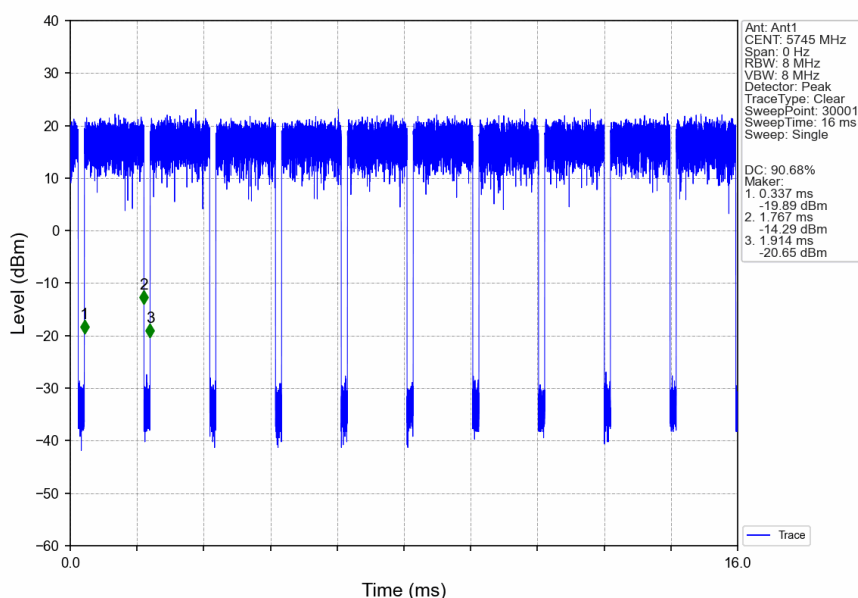
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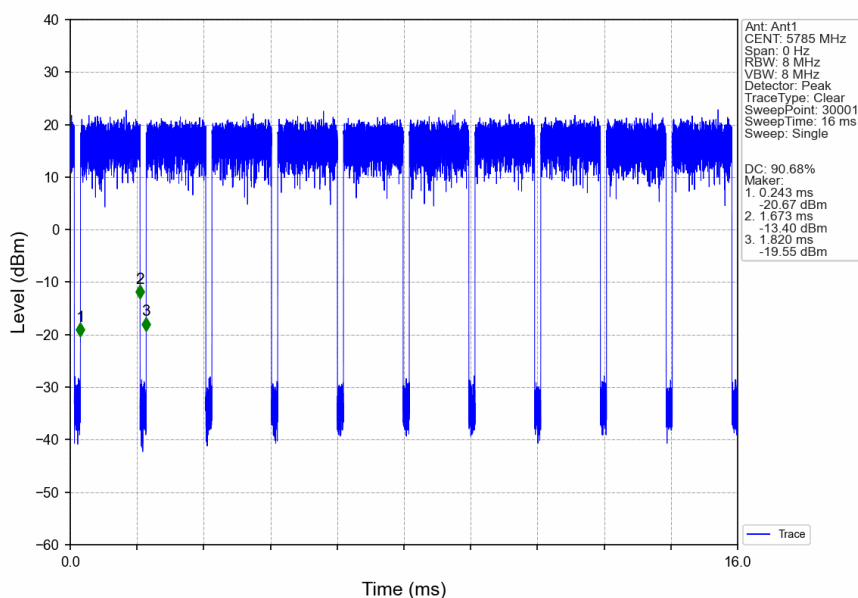
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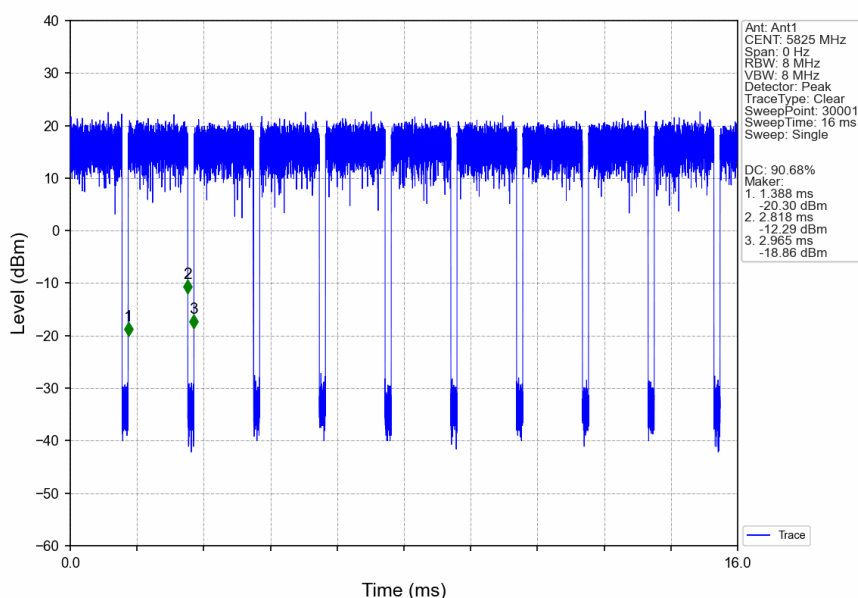
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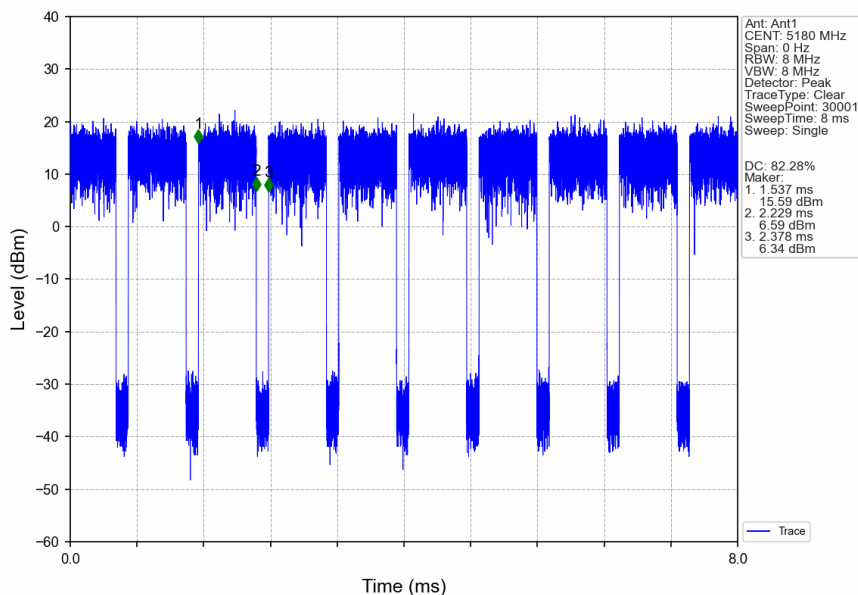
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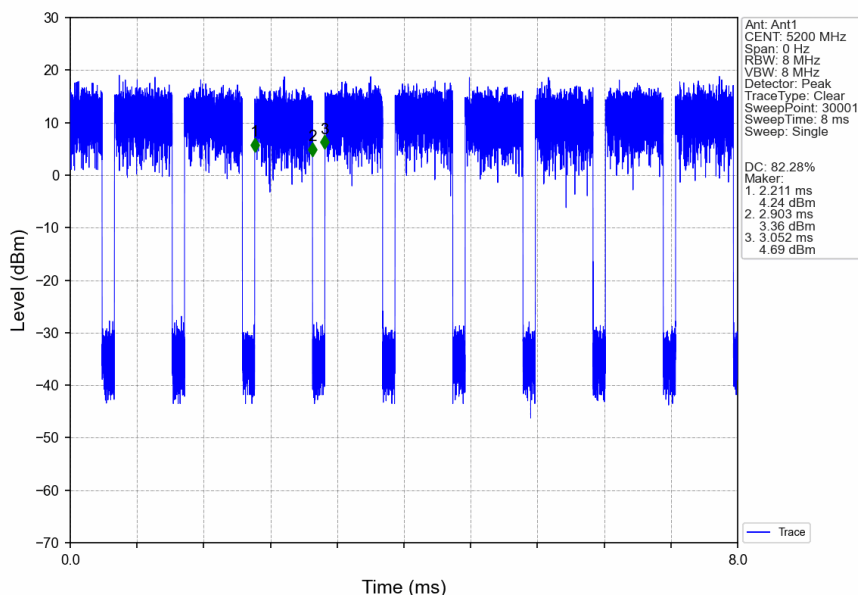
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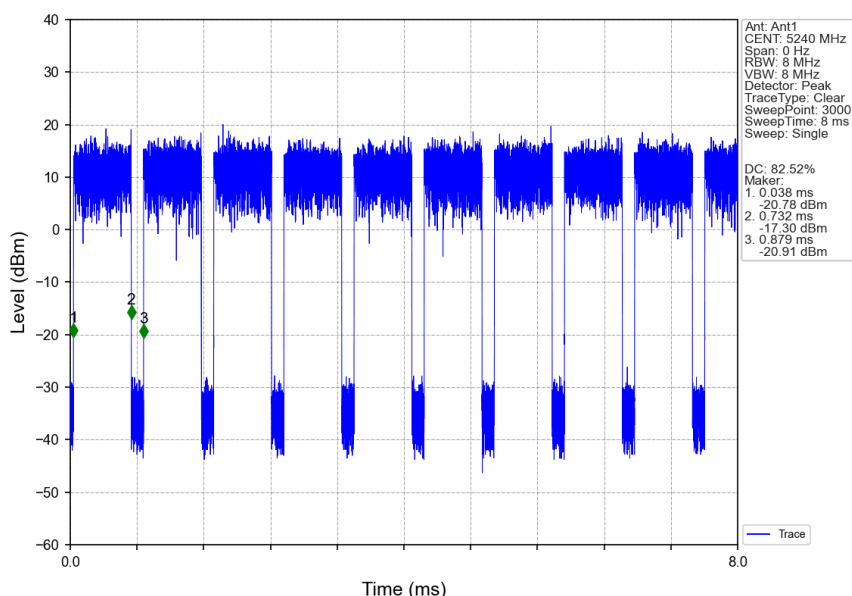
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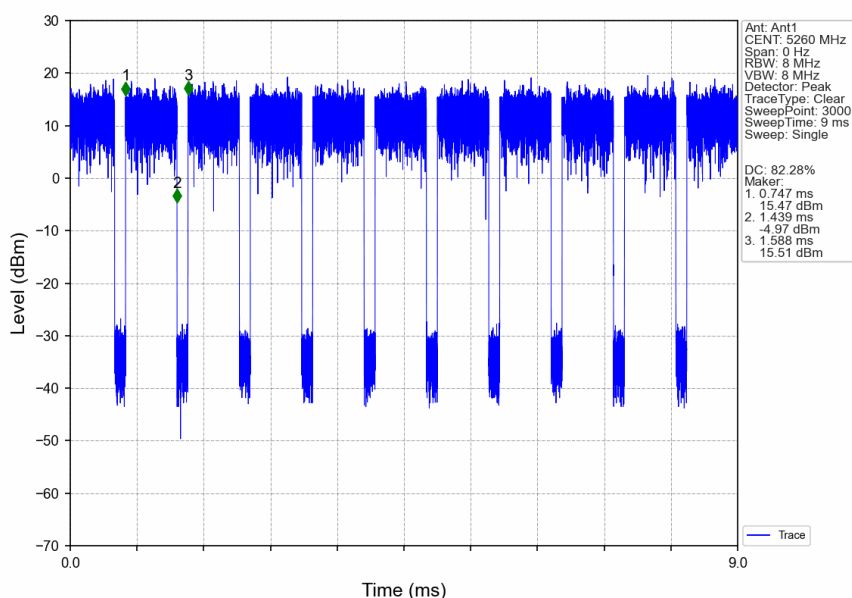
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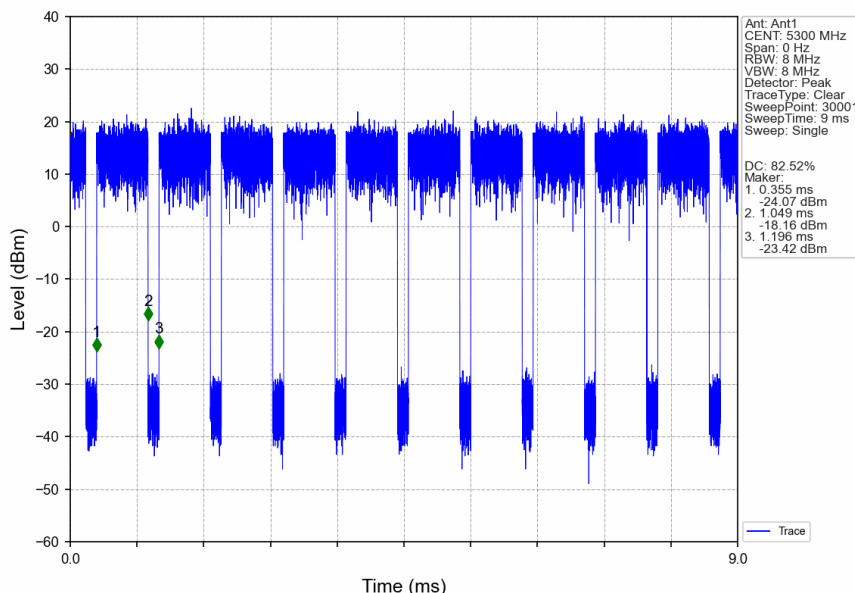
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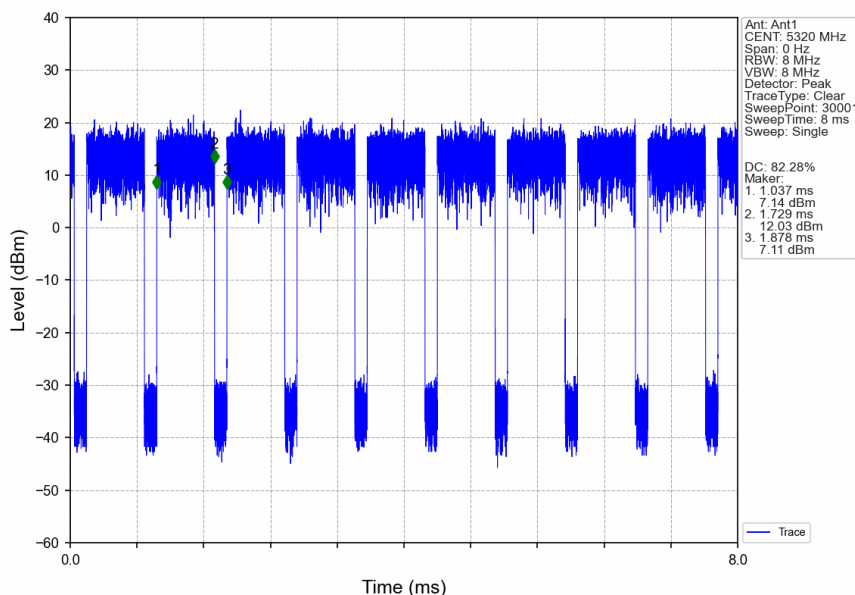
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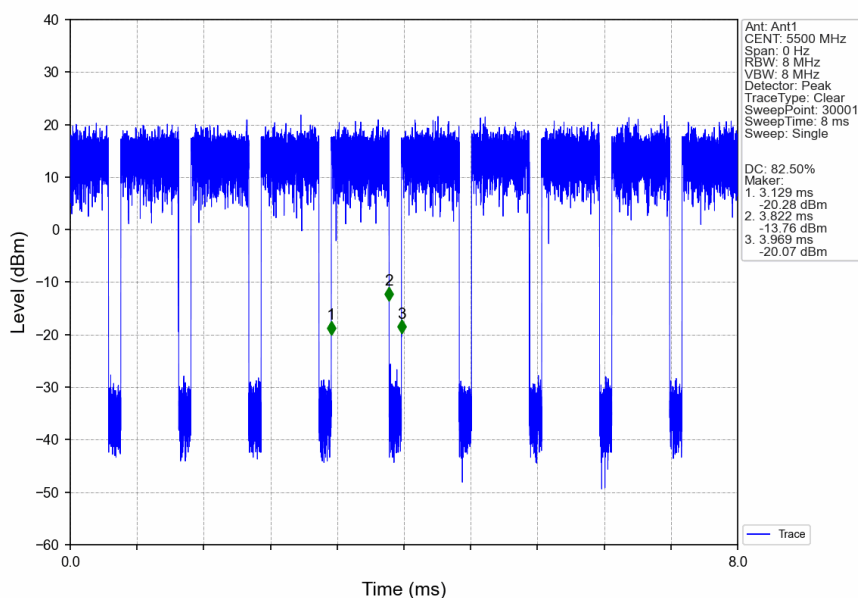
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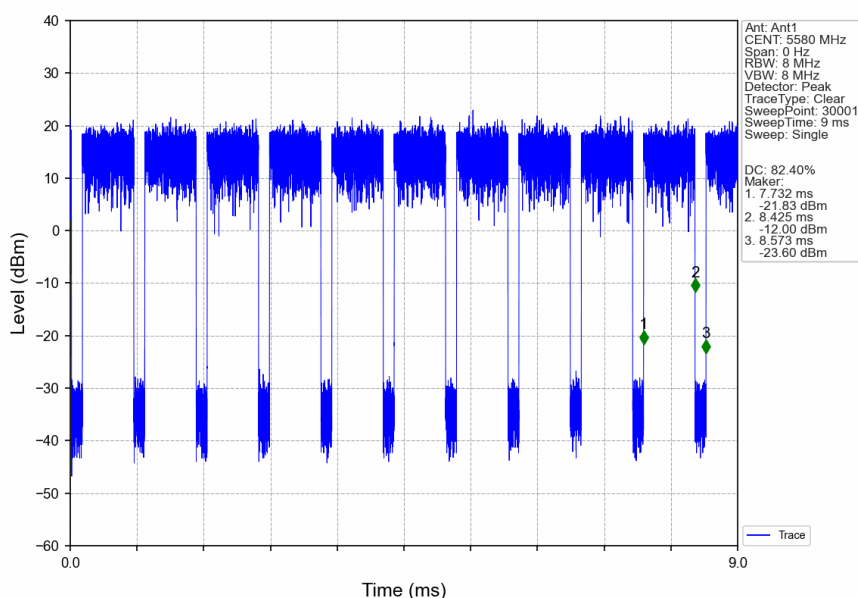
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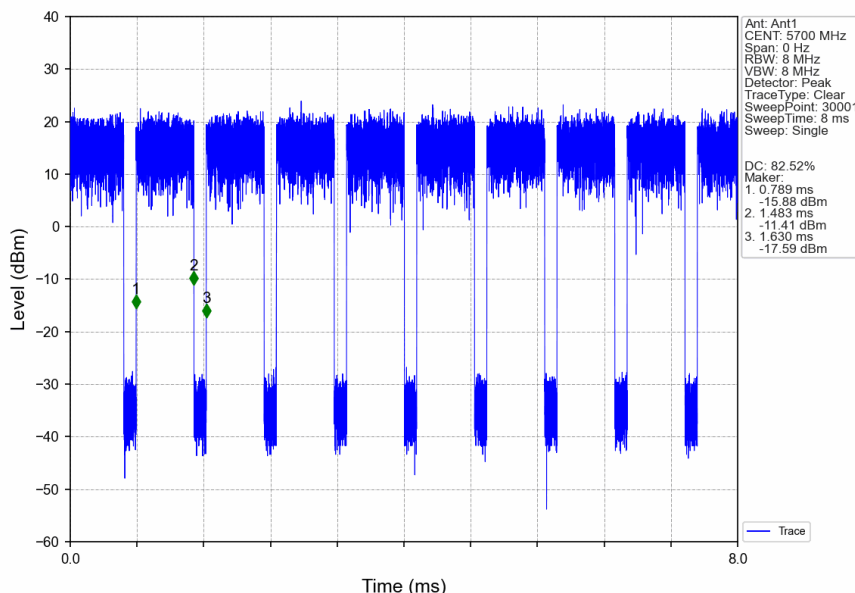
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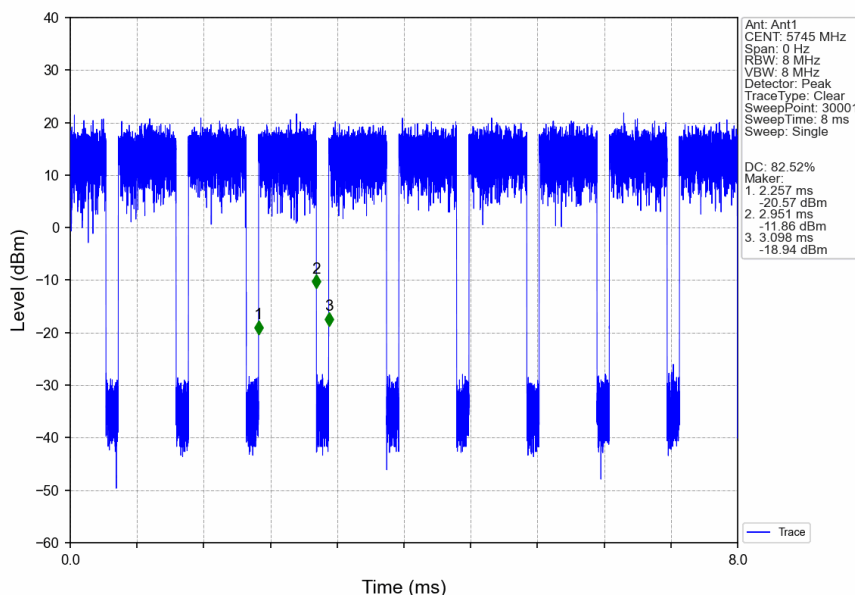
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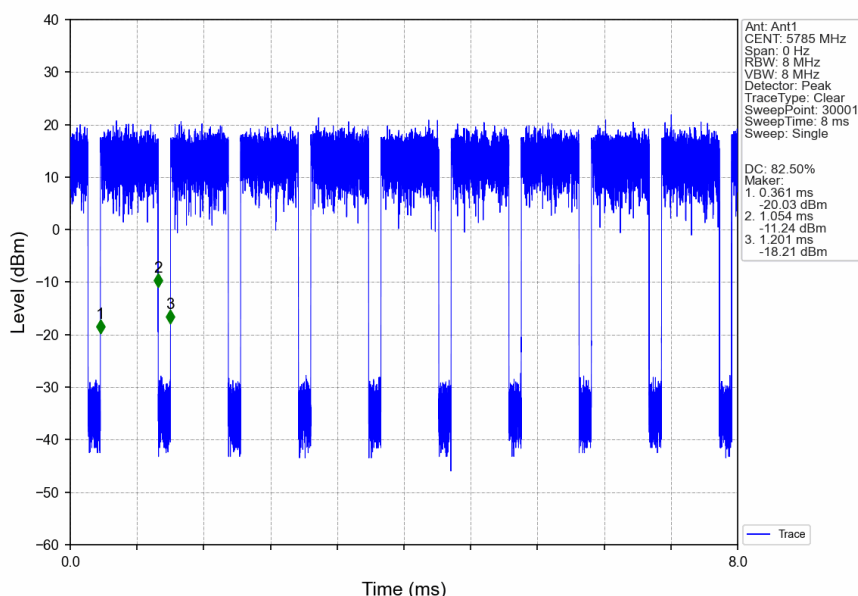
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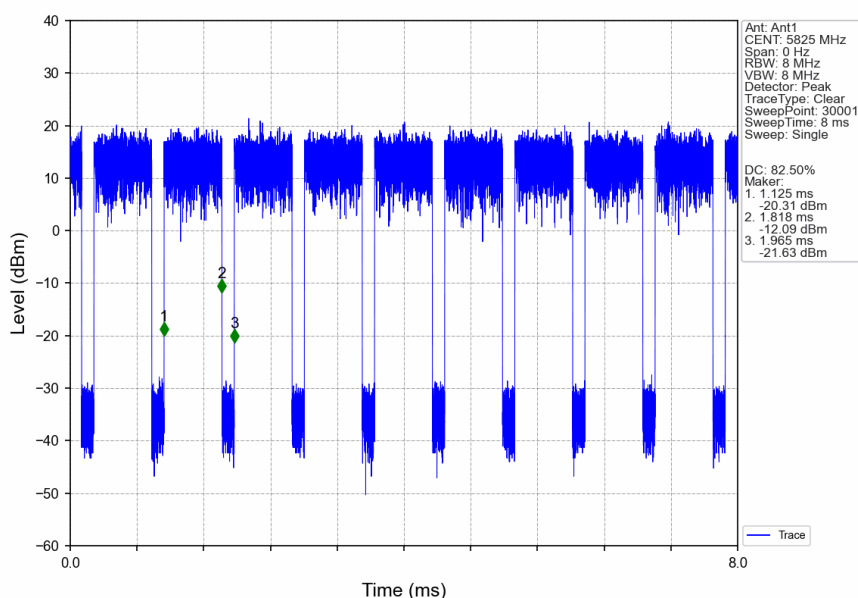
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



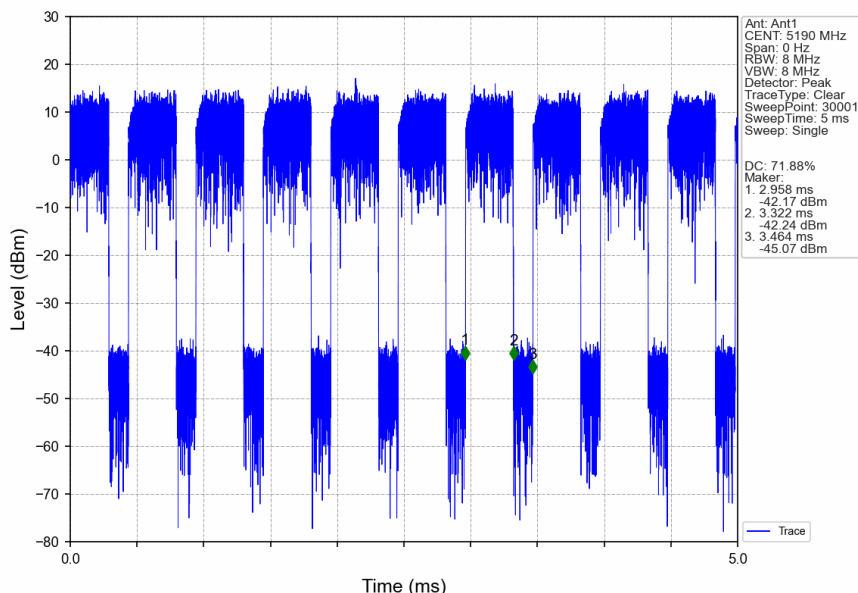
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

