

TEST REPORT

Application No.: SZCR2504001476AT
Applicant: Harman Connected Services Inc.,
Address of Applicant: 445 Indio Way, Sunnyvale, California 94085, United States
Manufacturer: Harman Connected Services Inc.,
Address of Manufacturer: 445 Indio Way, Sunnyvale, California 94085, United States
Factory: Invendis Technologies India Pvt Ltd
Address of Factory: #230, KAS Officers Colony, BTM Stage 2, Bengaluru, Karnataka 560068, India
Equipment Under Test (EUT):
EUT Name: Harman Edge Compute Platform
Model No.: HAR-DTS-EC-IA018-2024
Trade Mark: HARMAN(© HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED)
FCC ID: 2BO4C-HARECP018
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-04-14
Date of Test: 2025-05-13 to 2025-06-10
Date of Issue: 2025-06-10

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 Laboratory

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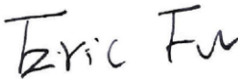
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-06-10		Original

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



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2 Test Summary

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Radiated Emissions (Above 1GHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) 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 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass

Remark:

Model No.: HAR-DTS-EC-IA018-2024

This test report (Ref. No.: SZCR250400147606) is only valid with the modular test report
(Ref. FCC ID: TKZAW7915-NPD)

According to the declaration from the applicant, the WIFI module used in this report and the one in original report were identical (FCC ID: TKZAW7915-NPD, model No.: AW7915-AED). Only replaced the new WIFI antenna.

Therefore in this report Radiated Emissions which fall in the restricted bands, Radiated Spurious Emissions Above 1GHz were fully retested on model and shown the data in this report, other tests please refer to modular test report.



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4 General Information

4.1 Details of E.U.T.

Power supply:	Power by switching adapter Model No.: GST90A19 Input: AC 100-240V, 50/60Hz, 1.3A Output: DC 19.0V, 4.74A, 90W
Cable(s):	AC Cable 3pin 172cm unshielded
Operation Frequency / Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-3: 5745-5825MHz (5 Channels);
Operation Frequency / Number of channels (40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-3: 5755-5795MHz (2 Channels);
Operation Frequency / Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-3: 5775MHz (1 Channel);
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Channel Spacing:	802.11a/n(HT20)/ac(VHT20)/ax(HEW20): 20MHz; 802.11n(HT40)/ac(VHT40)/ax(HEW40): 40MHz; 802.11ac(VHT80)/ax(HEW80): 80MHz
Antenna Type:	RP-SMA Dipole Antenna
Antenna Gain:	5.2G: 4.47dBi; 5.8G: 4.33dBi;

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

4.2 Description of Support Units

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

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (below 1GHz); $\pm 4.6\text{dB}$ (above 1GHz);



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Remark:

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

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



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4.4 Test Location

All tests were performed at:

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

No tests were sub-contracted.

4.5 Test Facility

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

• A2LA (Certificate No. 3816.01)

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

• VCCI (Member No. 1937)

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

• FCC –Designation Number: CN1336

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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2025-01-07	2026-01-06
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23



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



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6 Radio Spectrum Matter Test Results

6.1 Radiated Emissions (Above 1GHz)

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

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

Measurement Distance: 3m

Limit:

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

6.1.1 E.U.T. Operation

Operating Environment:



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Temperature: 23.0 °C

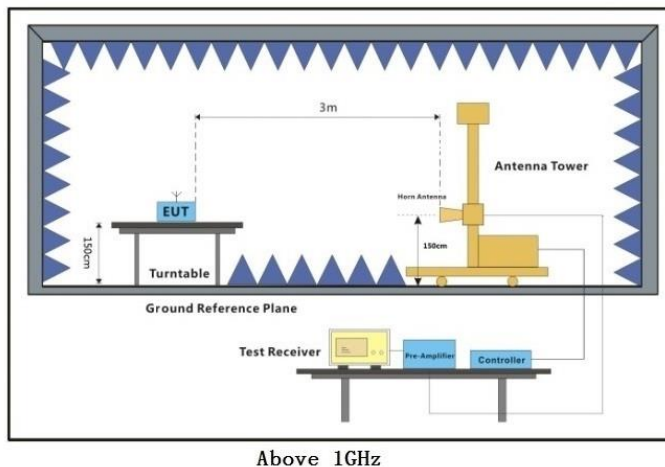
Humidity: 52.3 % RH

Atmospheric Pressure: 1020 mbar

6.1.2 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	06	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.

6.1.3 Test Setup Diagram



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6.1.4 Measurement Procedure and Data

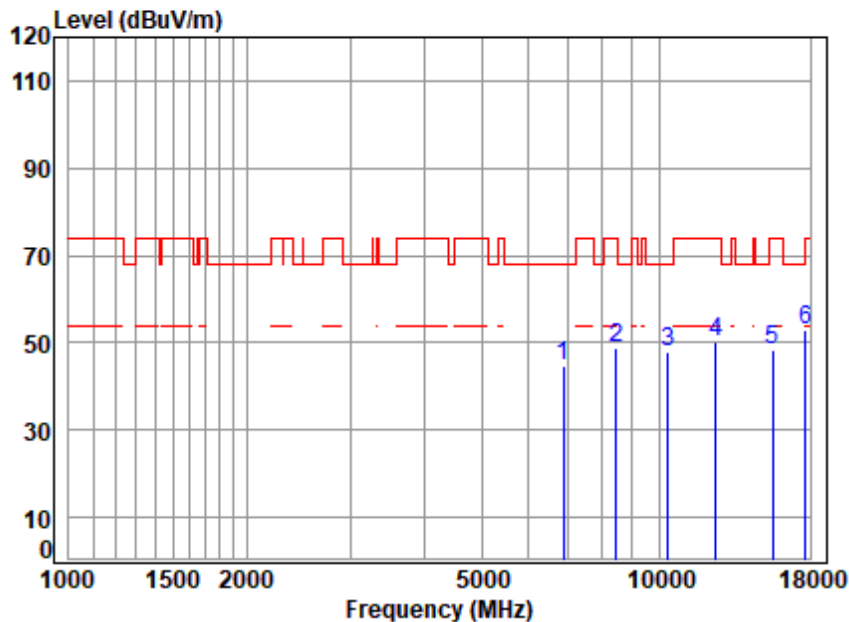
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which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

Remark:

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



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



Condition: 3m HORIZONTAL

Job No : 01476AT

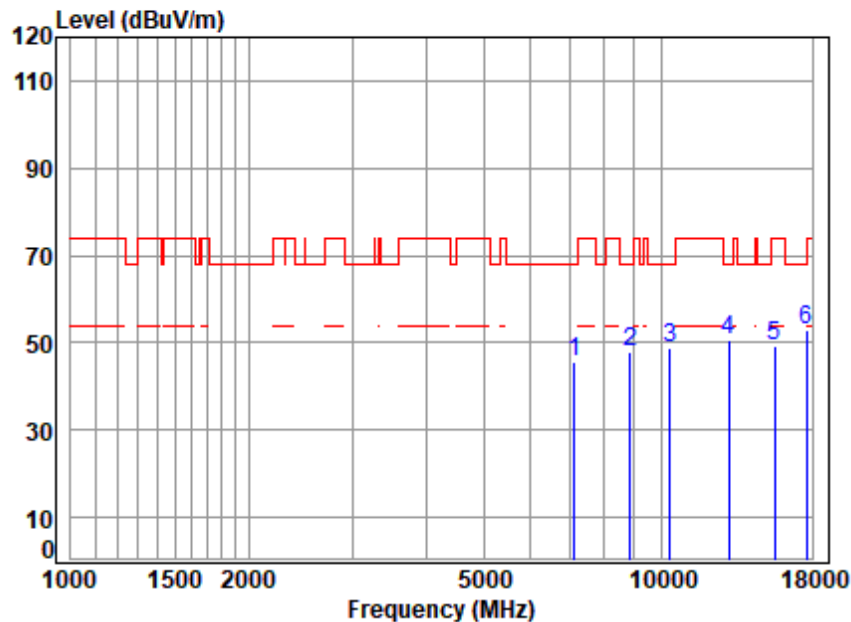
Mode : 5180 TX RSE

: 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	6874.906	11.37	36.10	56.73	54.20	44.94	68.20	-23.26 Peak
2	8465.379	12.07	38.37	55.48	53.76	48.72	74.00	-25.28 Peak
3	10360.000	13.60	39.00	53.88	49.26	47.98	68.20	-20.22 peak
4	12469.610	15.43	39.90	54.13	49.03	50.23	74.00	-23.77 Peak
5	15540.000	17.00	38.56	54.14	46.78	48.20	74.00	-25.80 peak
6	pp17690.530	19.16	41.66	54.44	46.73	53.11	68.20	-15.09 Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11a

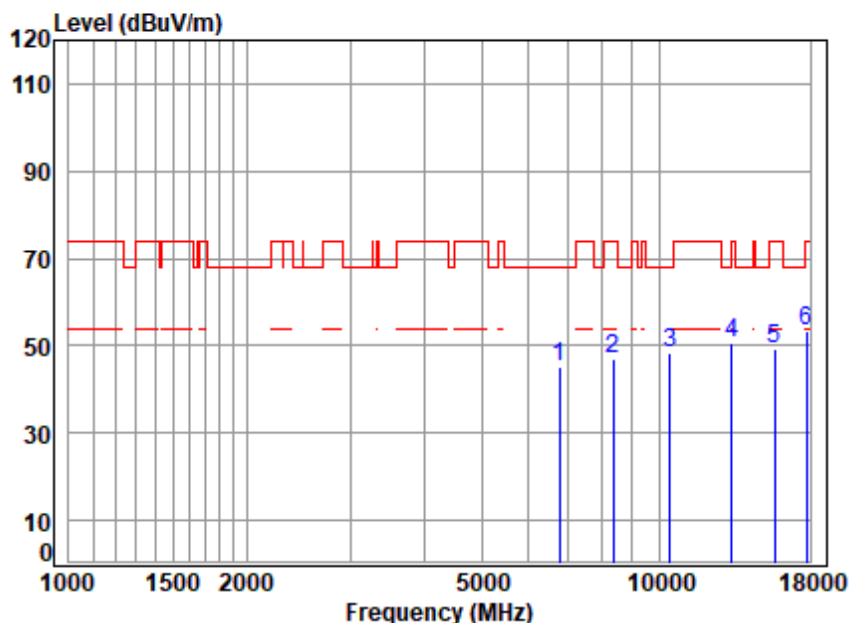
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7117.542	11.91	36.44	56.61	53.86	45.60	68.20 -22.60 Peak
2	8866.062	12.23	38.53	55.12	52.35	47.99	68.20 -20.21 Peak
3	10360.000	13.60	39.00	53.88	50.31	49.03	68.20 -19.17 peak
4	13022.130	15.82	40.30	54.50	48.83	50.45	68.20 -17.75 Peak
5	15540.000	17.00	38.56	54.14	47.80	49.22	74.00 -24.78 peak
6	pp17639.470	19.52	40.89	54.43	46.77	52.75	68.20 -15.45 Peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11a

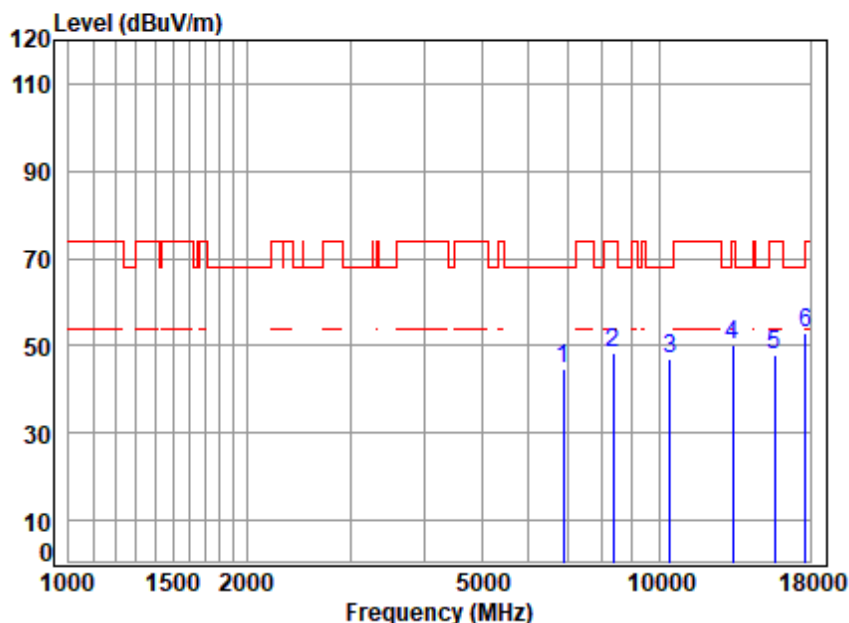
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6776.265	11.38	35.81	56.74	54.74	45.19	68.20 -23.01 peak
2	8343.918	11.70	38.60	55.59	52.49	47.20	74.00 -26.80 Peak
3	10440.000	13.63	39.04	53.84	49.48	48.31	68.20 -19.89 peak
4	13288.280	16.44	40.29	54.47	48.46	50.72	74.00 -23.28 peak
5	15660.000	17.23	38.56	54.10	47.76	49.45	74.00 -24.55 peak
6	17741.740	18.87	42.09	54.45	46.68	53.19	74.00 -20.81 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11a

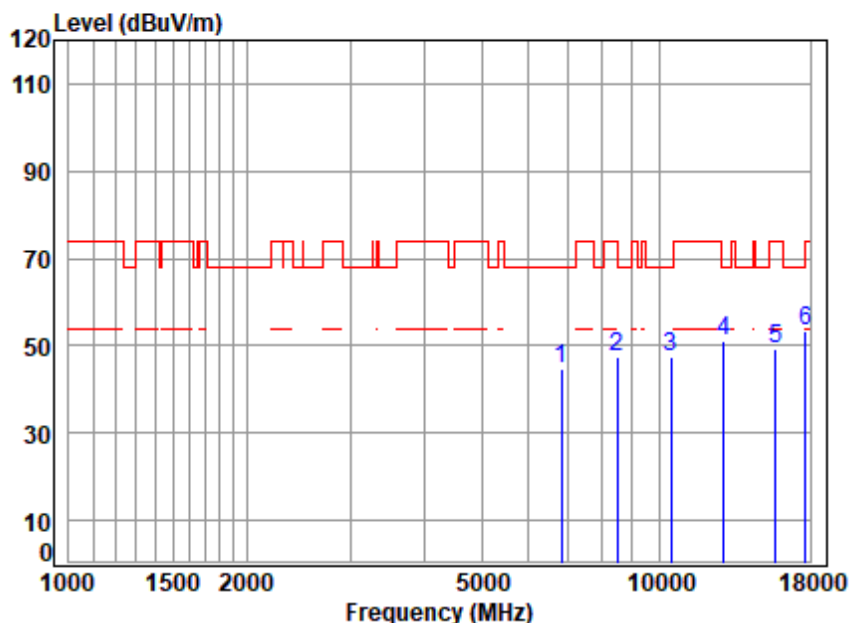
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6874.906	11.37	36.10	56.73	54.01	44.75	68.20	-23.45 peak
2	8343.918	11.70	38.60	55.59	53.59	48.30	74.00	-25.70 Peak
3	10440.000	13.63	39.04	53.84	48.35	47.18	68.20	-21.02 peak
4	13326.750	16.37	40.30	54.47	47.80	50.00	74.00	-24.00 peak
5	15660.000	17.23	38.56	54.10	46.34	48.03	74.00	-25.97 peak
6	pp17690.530	19.16	41.66	54.44	46.35	52.73	68.20	-15.47 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

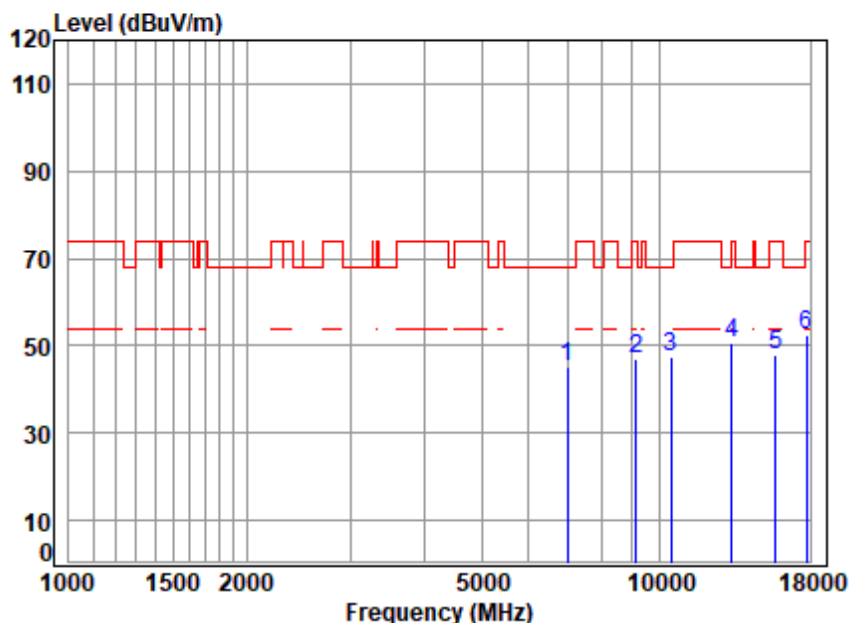
Mode : 5240 TX RSE

: 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	6815.551	11.37	35.93	56.74	54.12	44.68	68.20	-23.52 peak
2	8489.882	12.24	38.32	55.46	52.55	47.65	74.00	-26.35 Peak
3	10480.000	13.64	39.08	53.81	48.68	47.59	68.20	-20.61 peak
4	12835.290	15.55	40.34	54.38	49.78	51.29	68.20	-16.91 peak
5	15720.000	17.22	38.58	54.08	47.72	49.44	74.00	-24.56 peak
6	pp17690.530	19.16	41.66	54.44	47.13	53.51	68.20	-14.69 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

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	6995.172	11.37	36.19	56.70	54.31	45.17	68.20 -23.03 peak
2	9126.063	12.17	38.65	54.89	50.90	46.83	74.00 -27.17 Peak
3	10480.000	13.64	39.08	53.81	48.41	47.32	68.20 -20.88 peak
4	pp13249.930	16.10	40.25	54.48	48.97	50.84	68.20 -17.36 peak
5	15720.000	17.22	38.58	54.08	46.32	48.04	74.00 -25.96 peak
6	17741.740	18.87	42.09	54.45	45.94	52.45	74.00 -21.55 peak



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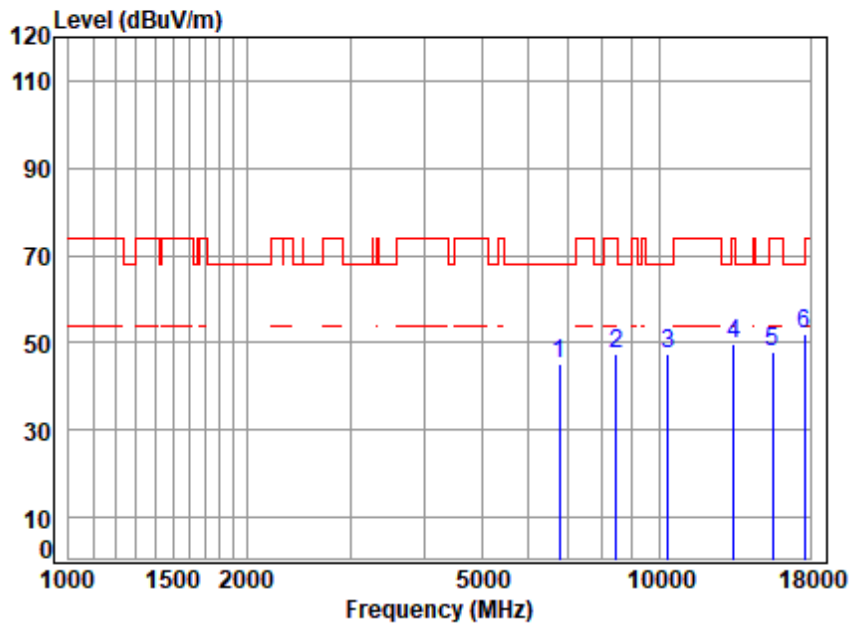
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6776.265	11.38	35.81	56.74	54.73	45.18	68.20	-23.02 Peak
2	8440.945	11.91	38.44	55.50	52.39	47.24	74.00	-26.76 Peak
3	10360.000	13.60	39.00	53.88	48.92	47.64	68.20	-20.56 peak
4	13365.320	16.13	40.30	54.46	47.64	49.61	74.00	-24.39 Peak
5	15540.000	17.00	38.56	54.14	46.32	47.74	74.00	-26.26 peak
6	pp17639.470	19.52	40.89	54.43	46.02	52.00	68.20	-16.20 Peak



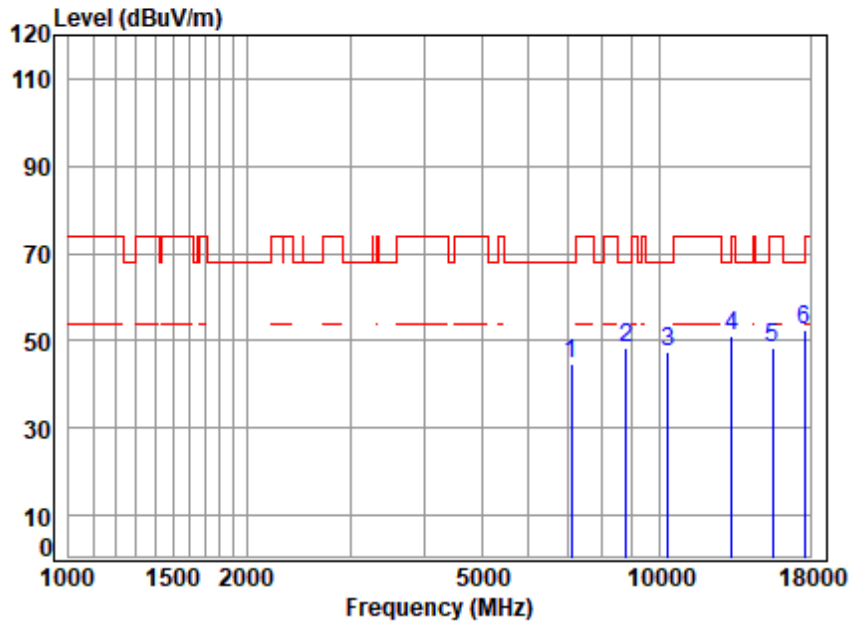
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Shenzhen Branch

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



Condition: 3m VERTICAL

Job No : 01476AT

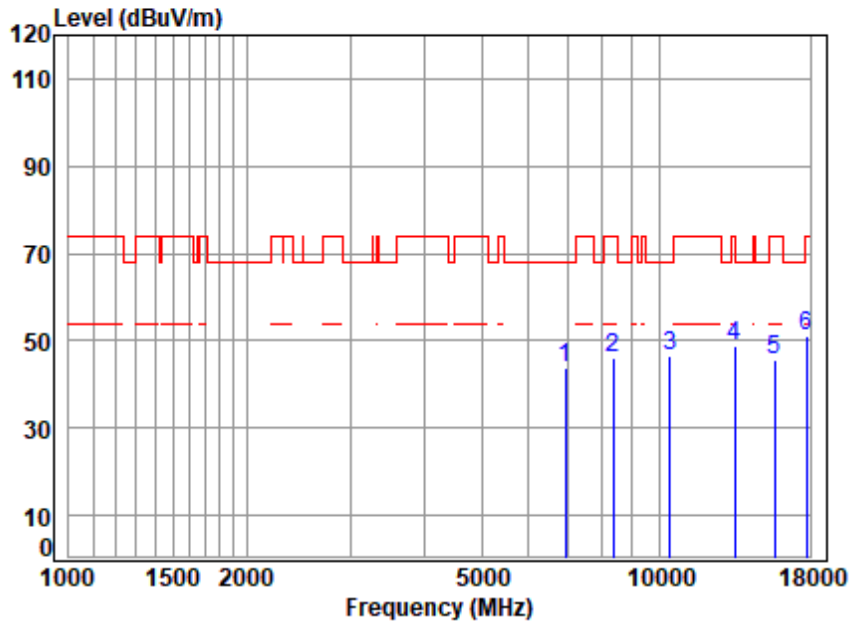
Mode : 5180 TX RSE

: 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	7096.999	11.97	36.39	56.62	52.96	44.70	68.20	-23.50 Peak
2	8789.516	12.23	38.50	55.19	52.71	48.25	68.20	-19.95 Peak
3	10360.000	13.60	39.00	53.88	48.67	47.39	68.20	-20.81 peak
4	13249.930	16.10	40.25	54.48	49.10	50.97	68.20	-17.23 Peak
5	15540.000	17.00	38.56	54.14	46.93	48.35	74.00	-25.65 peak
6	pp17639.470	19.52	40.89	54.43	46.66	52.64	68.20	-15.56 Peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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	6934.778	11.37	36.13	56.71	52.82	43.61	68.20	-24.59 peak
2	8368.069	11.67	38.66	55.57	51.32	46.08	74.00	-27.92 Peak
3	10440.000	13.63	39.04	53.84	47.85	46.68	68.20	-21.52 peak
4	pp13404.010	15.91	40.29	54.46	47.22	48.96	68.20	-19.24 Peak
5	15660.000	17.23	38.56	54.10	43.99	45.68	74.00	-28.32 peak
6	17741.740	18.87	42.09	54.45	44.67	51.18	74.00	-22.82 peak



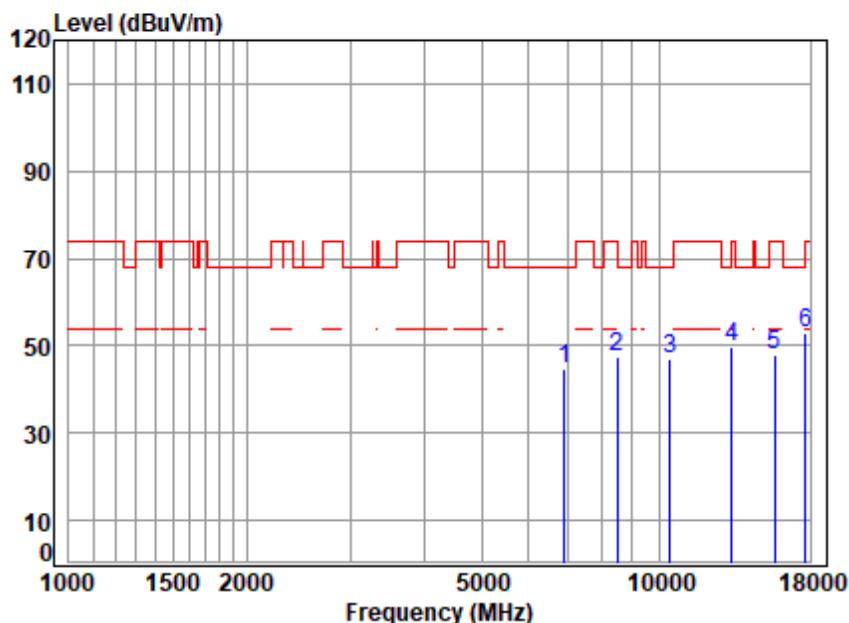
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

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



Condition: 3m VERTICAL

Job No : 01476AT

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	6894.806	11.37	36.18	56.72	53.88	44.71	68.20	-23.49 peak
2	8489.882	12.24	38.32	55.46	52.42	47.52	74.00	-26.48 Peak
3	10440.000	13.63	39.04	53.84	48.27	47.10	68.20	-21.10 peak
4	13288.280	16.44	40.29	54.47	47.61	49.87	74.00	-24.13 peak
5	15660.000	17.23	38.56	54.10	46.06	47.75	74.00	-26.25 peak
6	pp17690.530	19.16	41.66	54.44	46.69	53.07	68.20	-15.13 peak



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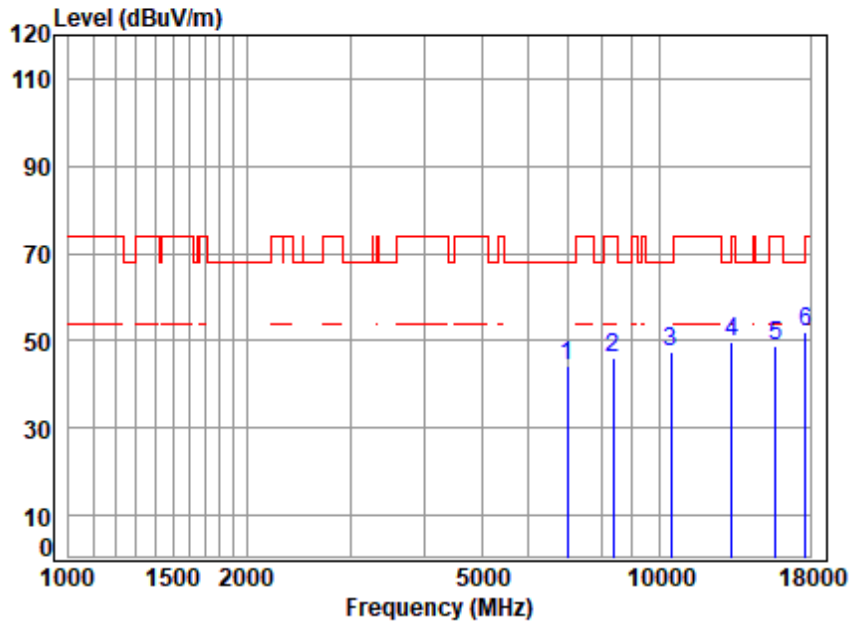
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Report No.: SZCR250400147606

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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	53.35	44.21	68.20	-23.99 peak
2	8343.918	11.70	38.60	55.59	51.52	46.23	74.00	-27.77 Peak
3	10480.000	13.64	39.08	53.81	48.32	47.23	68.20	-20.97 peak
4	13288.280	16.44	40.29	54.47	47.49	49.75	74.00	-24.25 peak
5	15720.000	17.22	38.58	54.08	47.00	48.72	74.00	-25.28 peak
6	pp17690.530	19.16	41.66	54.44	45.65	52.03	68.20	-16.17 peak



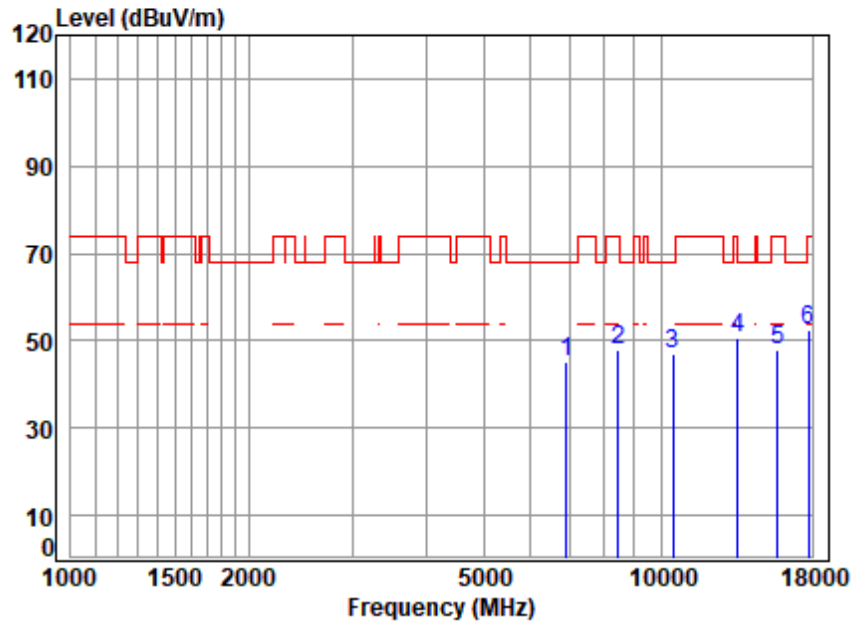
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

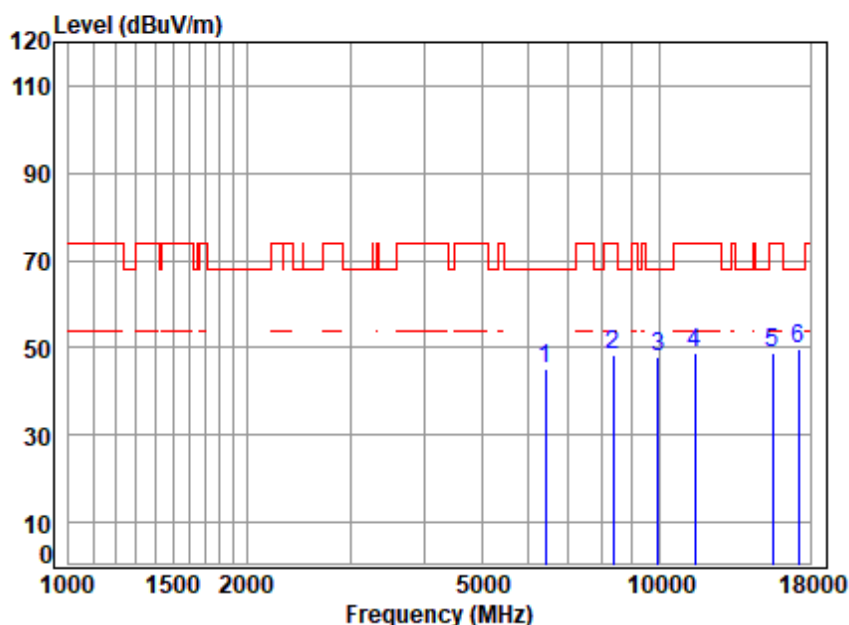
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6894.806	11.37	36.18	56.72	54.46	45.29	68.20	-22.91 peak
2	8465.379	12.07	38.37	55.48	52.96	47.92	74.00	-26.08 Peak
3	10480.000	13.64	39.08	53.81	47.92	46.83	68.20	-21.37 peak
4	pp13481.720	15.83	40.14	54.45	48.97	50.49	68.20	-17.71 peak
5	15720.000	17.22	38.58	54.08	46.35	48.07	74.00	-25.93 peak
6	17741.740	18.87	42.09	54.45	46.17	52.68	74.00	-21.32 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

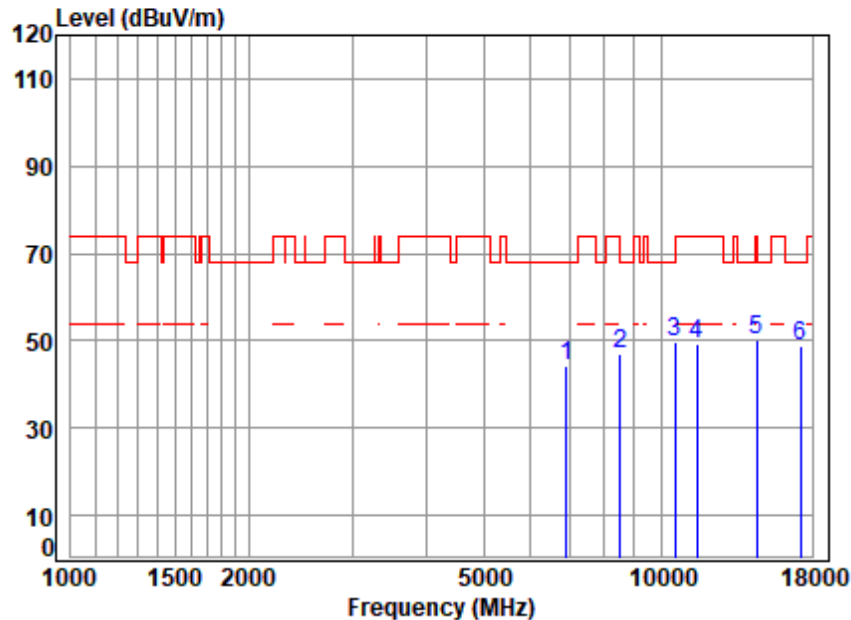
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	54.07	45.15	68.20	-23.05 Peak
2	8368.069	11.67	38.66	55.57	53.62	48.38	74.00	-25.62 Peak
3	9952.717	12.91	38.90	54.14	50.39	48.06	68.20	-20.14 Peak
4	11490.000	14.97	39.61	53.65	47.94	48.87	74.00	-25.13 peak
5	15532.940	16.98	38.57	54.14	47.29	48.70	74.00	-25.30 Peak
6	pp17235.000	17.83	40.01	54.35	46.39	49.88	68.20	-18.32 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

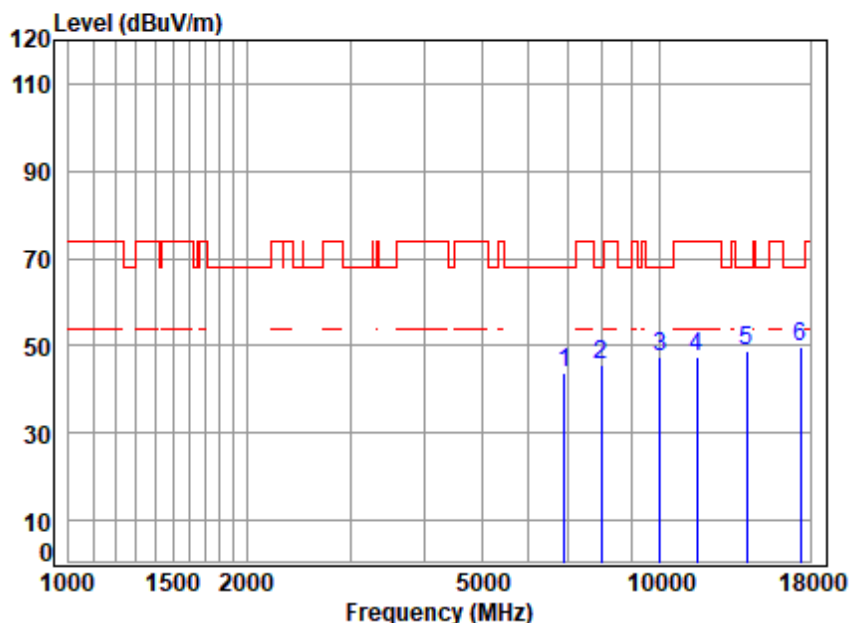
Mode : 5745 TX RSE

: 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	6914.763	11.37	36.17	56.72	53.47	44.29	68.20	-23.91 Peak
2	8514.456	12.26	38.30	55.44	51.87	46.99	68.20	-21.21 Peak
3	pp10545.010	13.62	39.19	53.77	50.54	49.58	68.20	-18.62 Peak
4	11490.000	14.97	39.61	53.65	48.17	49.10	74.00	-24.90 peak
5	14491.960	17.07	39.51	54.35	48.13	50.36	74.00	-23.64 Peak
6	17235.000	17.83	40.01	54.35	45.53	49.02	68.20	-19.18 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

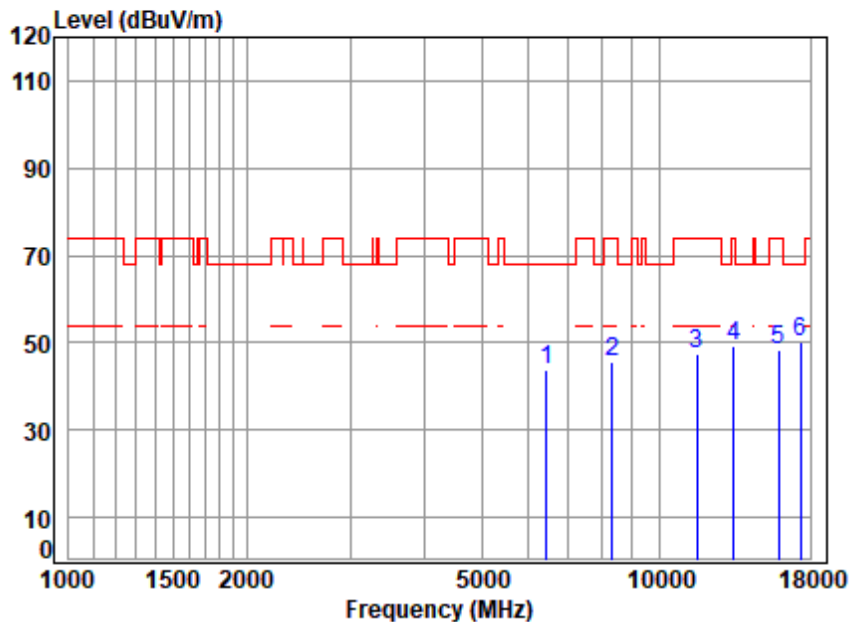
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Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6914.763	11.37	36.17	56.72	53.18	44.00	68.20	-24.20 Peak
2	7989.893	11.56	37.78	55.91	52.22	45.65	68.20	-22.55 Peak
3	10039.390	13.11	38.98	54.08	49.66	47.67	68.20	-20.53 Peak
4	11570.000	14.78	39.60	53.67	46.84	47.55	74.00	-26.45 peak
5	14038.450	16.51	39.90	54.40	46.93	48.94	68.20	-19.26 Peak
6	pp17355.000	18.00	40.31	54.37	45.83	49.77	68.20	-18.43 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

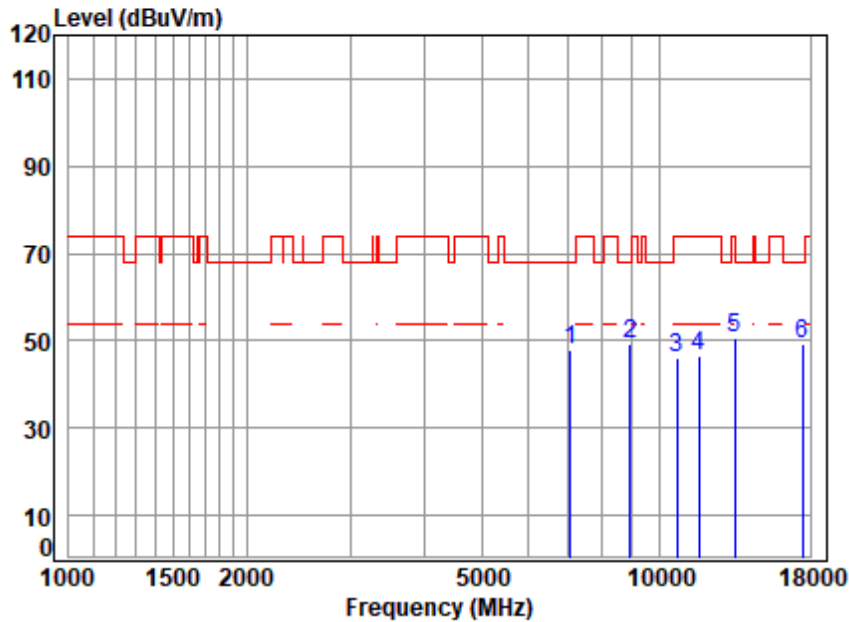
Mode : 5785 TX RSE

: 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	6432.732	12.79	34.80	56.81	52.98	43.76	68.20	-24.44 Peak
2	8319.836	11.73	38.22	55.61	51.47	45.81	74.00	-28.19 Peak
3	11570.000	14.78	39.60	53.67	46.77	47.48	74.00	-26.52 peak
4	13365.320	16.13	40.30	54.46	47.52	49.49	74.00	-24.51 Peak
5	15896.290	17.27	38.69	54.03	46.54	48.47	74.00	-25.53 Peak
6	pp17355.000	18.00	40.31	54.37	46.21	50.15	68.20	-18.05 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

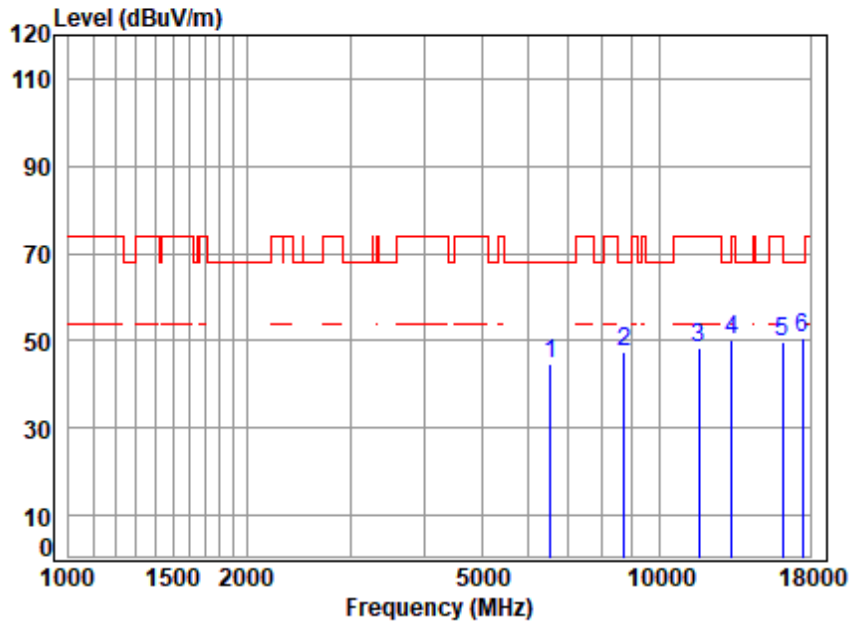
Mode : 5825 TX RSE

: 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	7076.516	11.84	36.35	56.64	56.48	48.03	68.20	-20.17 Peak
2	8917.462	12.21	38.57	55.07	53.47	49.18	68.20	-19.02 Peak
3	10698.510	14.03	39.40	53.68	46.46	46.21	74.00	-27.79 Peak
4	11650.000	14.69	39.55	53.69	46.15	46.70	74.00	-27.30 peak
5	pp13442.810	15.87	40.21	54.46	48.99	50.61	68.20	-17.59 Peak
6	17475.000	18.35	40.78	54.40	44.36	49.09	68.20	-19.11 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

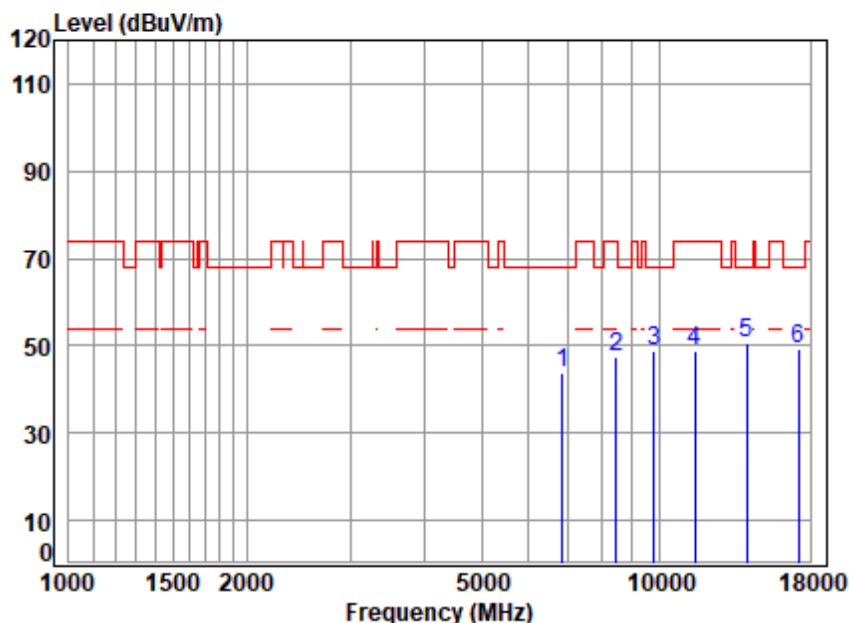
Mode : 5825 TX RSE

: 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	6545.263	11.64	34.99	56.79	55.00	44.84	68.20	-23.36 Peak
2	8713.630	12.11	38.57	55.26	51.81	47.23	68.20	-20.97 Peak
3	11650.000	14.69	39.55	53.69	47.87	48.42	74.00	-25.58 peak
4	13288.280	16.44	40.29	54.47	47.72	49.98	74.00	-24.02 Peak
5	16174.370	17.17	38.50	54.05	48.00	49.62	74.00	-24.38 Peak
6	pp17475.000	18.35	40.78	54.40	46.04	50.77	68.20	-17.43 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

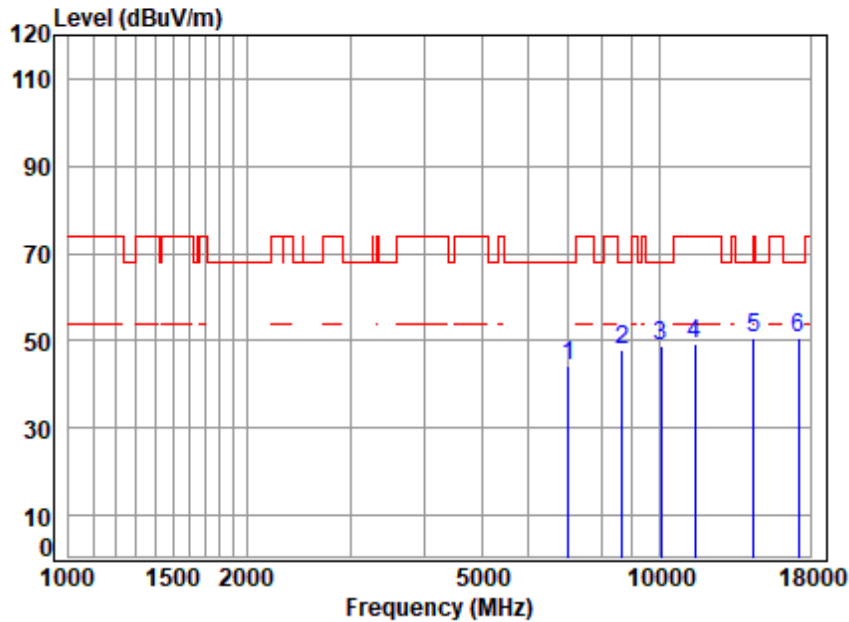
Mode : 5745 TX RSE

: 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	6855.063	11.37	36.02	56.73	53.31	43.97	68.20	-24.23 Peak
2	8465.379	12.07	38.37	55.48	52.33	47.29	74.00	-26.71 Peak
3	9781.603	13.02	38.60	54.30	51.50	48.82	68.20	-19.38 Peak
4	11490.000	14.97	39.61	53.65	47.79	48.72	74.00	-25.28 peak
5	pp14079.080	16.56	39.90	54.39	48.48	50.55	68.20	-17.65 Peak
6	17235.000	17.83	40.01	54.35	46.01	49.50	68.20	-18.70 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

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	7015.420	11.47	36.23	56.69	53.20	44.21	68.20 -23.99 Peak
2	8663.404	12.04	38.45	55.30	52.58	47.77	68.20 -20.43 Peak
3	10068.450	13.19	39.04	54.06	50.45	48.62	68.20 -19.58 Peak
4	11490.000	14.97	39.61	53.65	48.29	49.22	74.00 -24.78 peak
5	14450.130	16.98	39.55	54.35	48.26	50.44	68.20 -17.76 Peak
6	pp17235.000	17.83	40.01	54.35	46.99	50.48	68.20 -17.72 peak



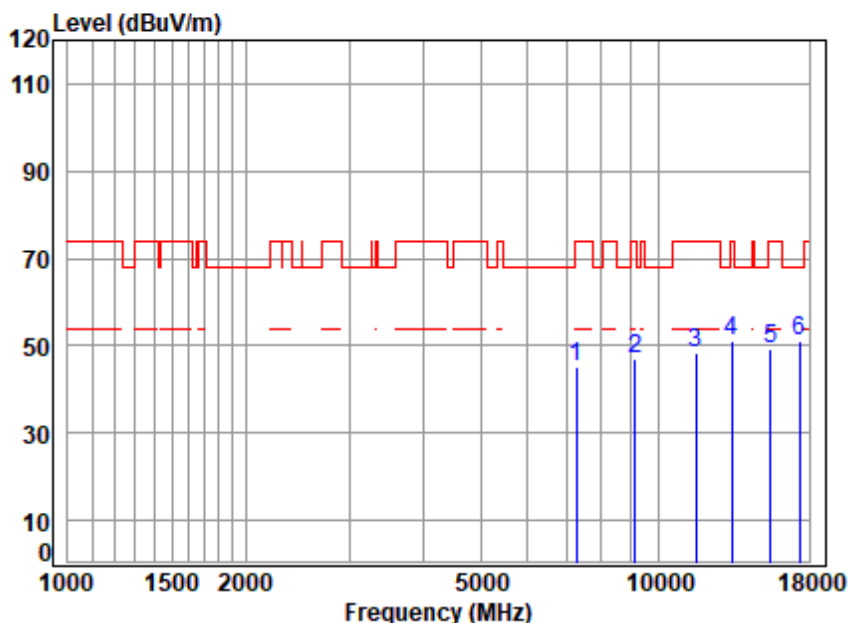
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

Page: 33 of 112

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



Condition: 3m HORIZONTAL

Job No : 01476AT

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	7263.015	11.51	36.63	56.49	53.51	45.16	74.00	-28.84 Peak
2	9152.479	12.22	38.65	54.86	50.99	47.00	74.00	-27.00 Peak
3	11570.000	14.78	39.60	53.67	47.84	48.55	74.00	-25.45 peak
4	13326.750	16.37	40.30	54.47	49.02	51.22	74.00	-22.78 Peak
5	15488.110	16.88	38.60	54.15	47.93	49.26	74.00	-24.74 Peak
6	pp17355.000	18.00	40.31	54.37	47.05	50.99	68.20	-17.21 peak



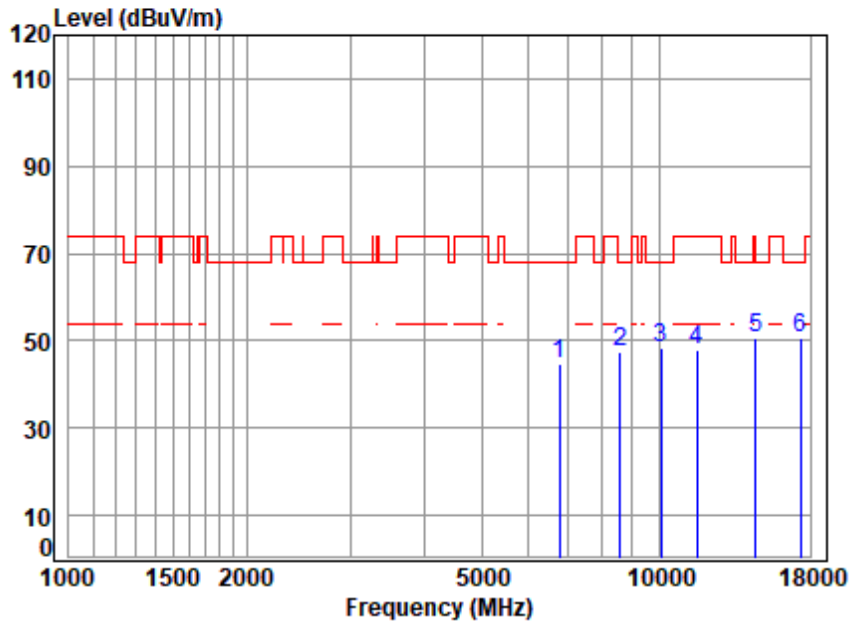
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

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



Condition: 3m VERTICAL

Job No : 01476AT

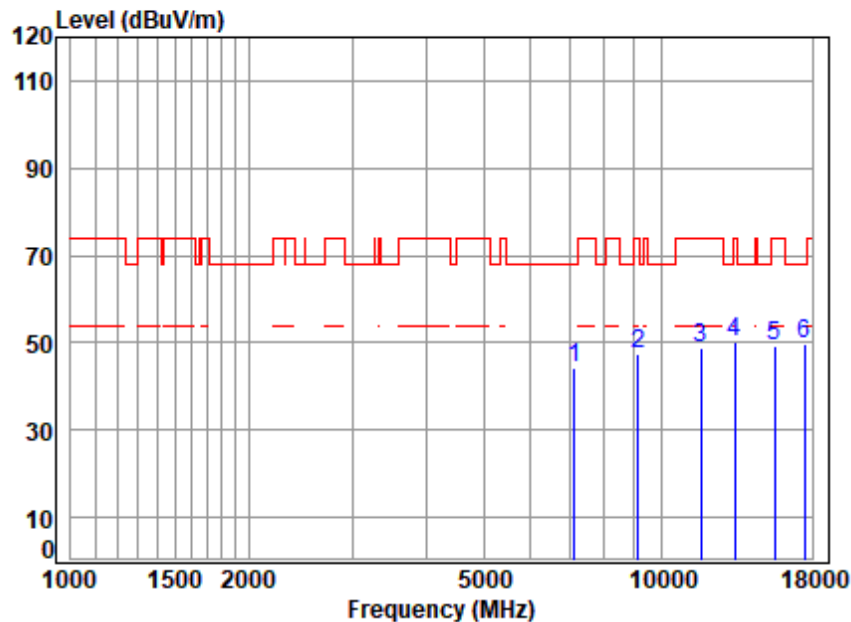
Mode : 5785 TX RSE

: 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	6776.265	11.38	35.81	56.74	54.28	44.73	68.20 -23.47 Peak
2	8588.607	12.00	38.45	55.37	52.22	47.30	68.20 -20.90 Peak
3	10068.450	13.19	39.04	54.06	49.98	48.15	68.20 -20.05 Peak
4	11570.000	14.78	39.60	53.67	47.19	47.90	74.00 -26.10 peak
5	pp14533.910	16.79	39.43	54.35	48.91	50.78	68.20 -17.42 Peak
6	17355.000	18.00	40.31	54.37	46.77	50.71	68.20 -17.49 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

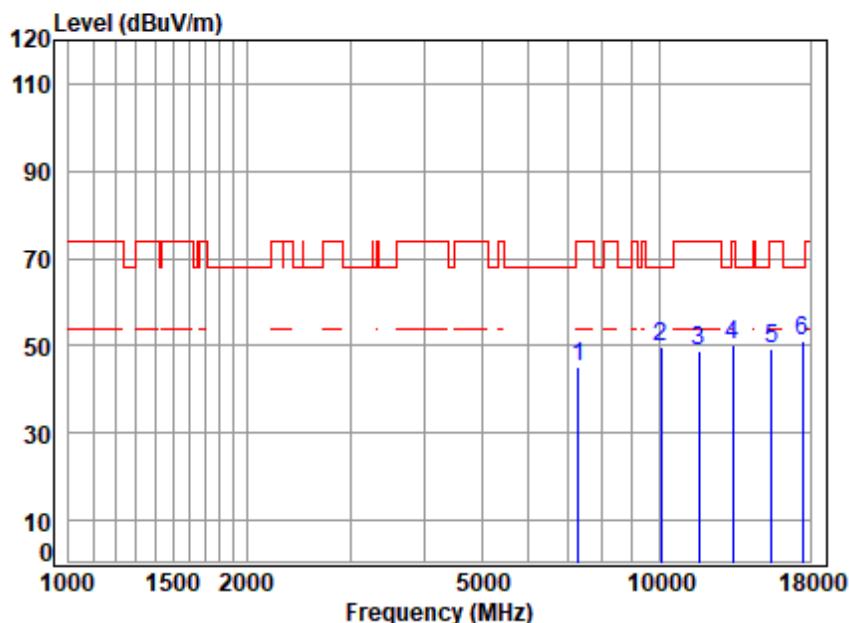
Mode : 5825 TX RSE

: 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	7117.542	11.91	36.44	56.61	52.31	44.05	68.20 -24.15 Peak
2	9152.479	12.22	38.65	54.86	51.44	47.45	74.00 -26.55 Peak
3	11650.000	14.69	39.55	53.69	48.15	48.70	74.00 -25.30 peak
4	13326.750	16.37	40.30	54.47	47.78	49.98	74.00 -24.02 Peak
5	15532.940	16.98	38.57	54.14	48.01	49.42	74.00 -24.58 Peak
6	pp17475.000	18.35	40.78	54.40	45.03	49.76	68.20 -18.44 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

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	7305.122	11.51	36.71	56.46	53.33	45.09	74.00 -28.91 Peak
2	10068.450	13.19	39.04	54.06	51.58	49.75	68.20 -18.45 Peak
3	11650.000	14.69	39.55	53.69	48.30	48.85	74.00 -25.15 peak
4	13326.750	16.37	40.30	54.47	48.00	50.20	74.00 -23.80 Peak
5	15488.110	16.88	38.60	54.15	48.11	49.44	74.00 -24.56 Peak
6	pp17475.000	18.35	40.78	54.40	46.27	51.00	68.20 -17.20 peak



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6.2 Radiated Emissions which fall in the restricted bands

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

Test Method: ANSI C63.10 (2013) Section 6.10.5

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.8 °C

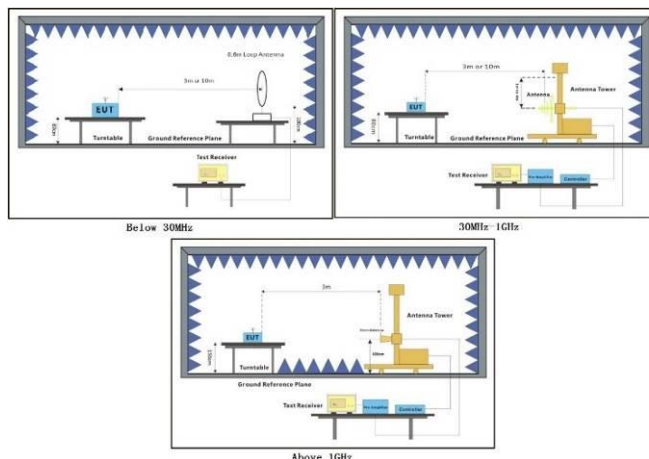
Humidity: 52.4 % RH

Atmospheric Pressure: 1020 mbar

6.2.2 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	06	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.

6.2.3 Test Setup Diagram



6.2.4 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 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.

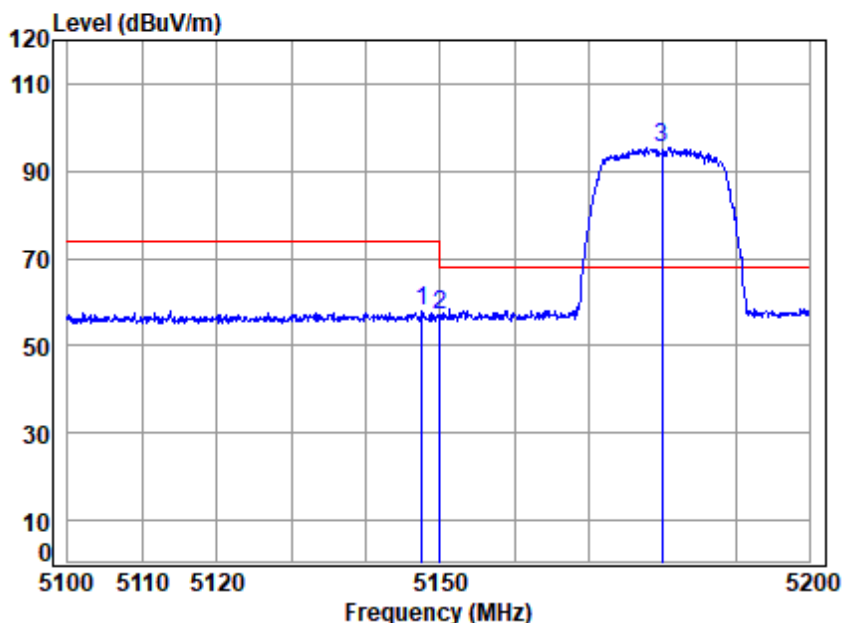
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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 : 01476AT

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	5147.558	10.13	32.40	30.84	46.07	57.76	74.00	-16.24	peak
2	5149.980	10.14	32.40	30.84	45.25	56.95	74.00	-17.05	peak
3	5180.000	10.25	32.46	30.83	83.54	95.42	68.20	27.22	peak



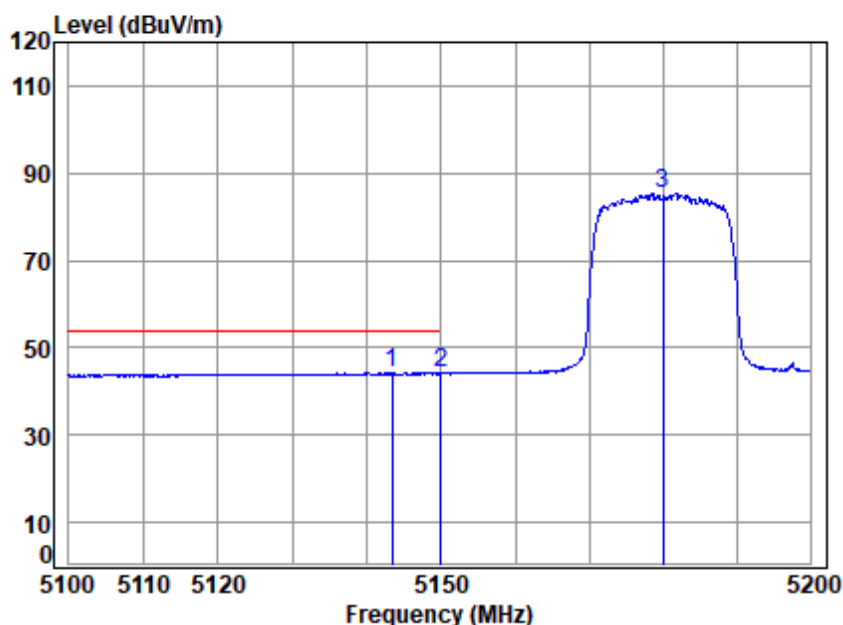
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

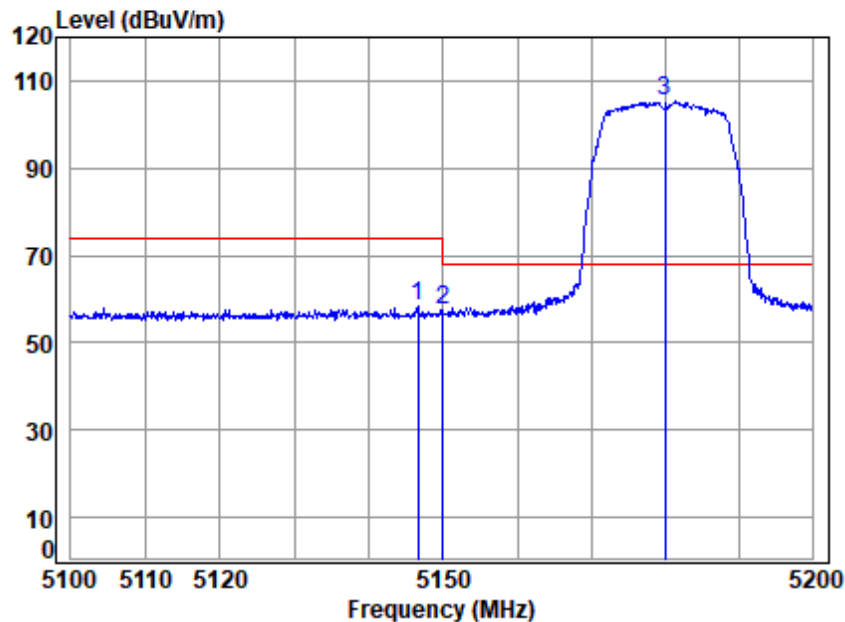
Job No : 01476AT

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	
5143.361	10.11	32.39	30.84	32.75	44.41	54.00	-9.59	Average
5149.980	10.14	32.40	30.84	32.49	44.19	54.00	-9.81	Average
5180.000	10.25	32.46	30.83	73.61	85.49	-----	-----	Average



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



Condition: 3m VERTICAL

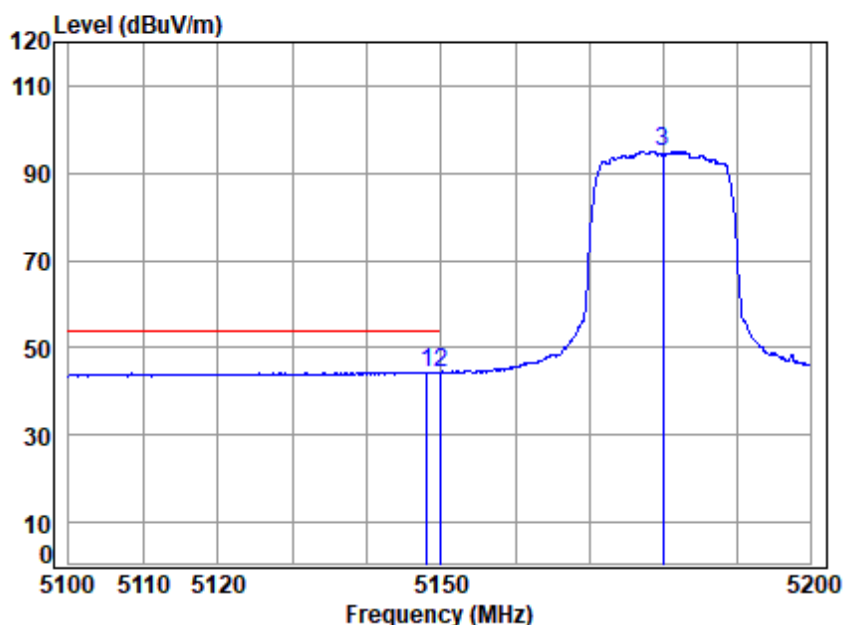
Job No : 01476AT

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	5146.558	10.13	32.39	30.84	46.69	58.37	74.00	-15.63	Peak
2	5149.958	10.14	32.40	30.84	45.96	57.66	74.00	-16.34	Peak
3 pp	5180.000	10.25	32.46	30.83	93.30	105.18	68.20	36.98	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5148.058	10.13	32.40	30.84	32.76	44.45	54.00	-9.55	Average
2	5149.958	10.14	32.40	30.84	32.75	44.45	54.00	-9.55	Average
3	5180.000	10.25	32.46	30.83	83.15	95.03	-----	-----	Average



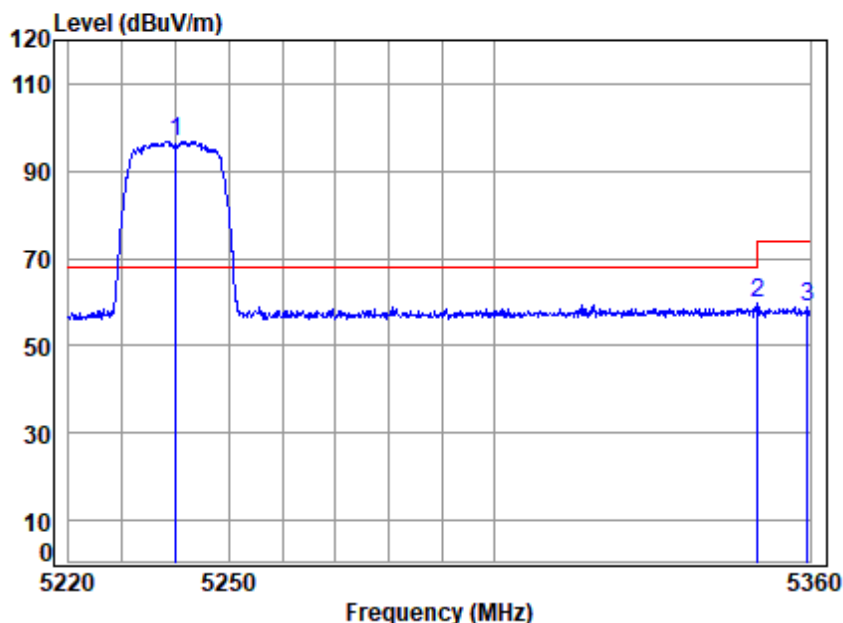
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11a

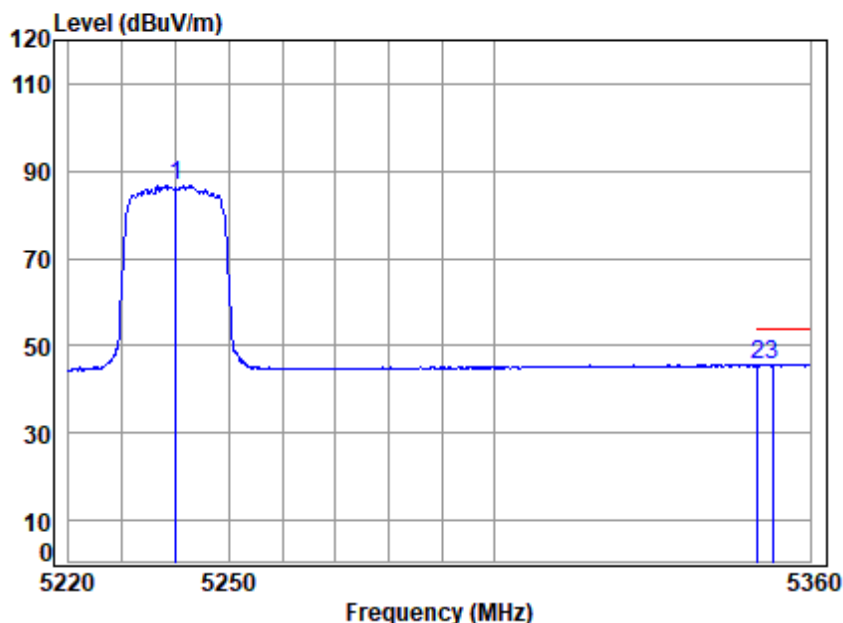
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5240.000	10.31	32.58	30.80	84.86	96.95	68.20	28.75	peak
2	5350.020	10.45	32.80	30.76	47.34	59.83	74.00	-14.17	peak
3	5359.433	10.48	32.80	30.76	46.46	58.98	74.00	-15.02	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11a

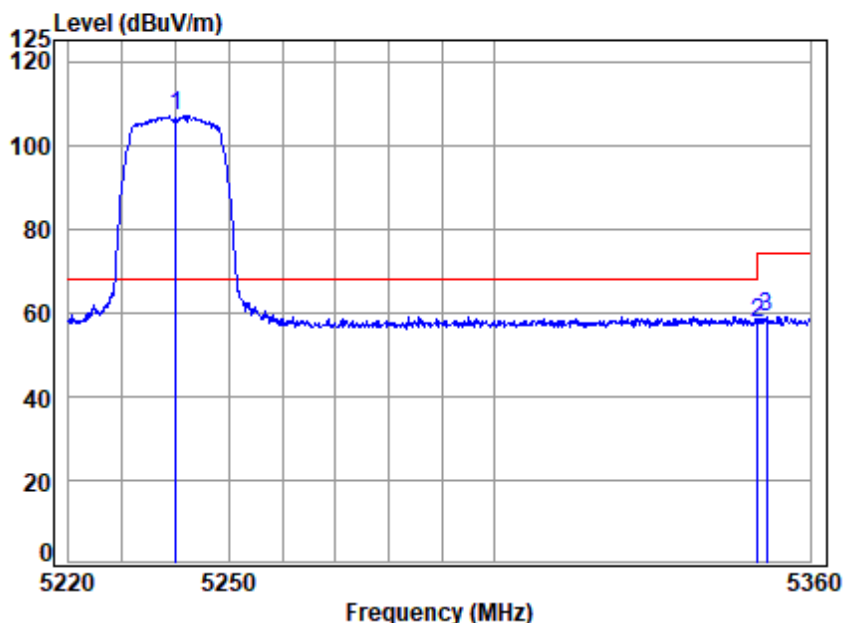
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	10.31	32.58	30.80	74.48	86.57	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.04	45.53	54.00	-8.47	Average
3 pp	5352.770	10.46	32.80	30.76	33.20	45.70	54.00	-8.30	Average



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



Condition: 3m VERTICAL

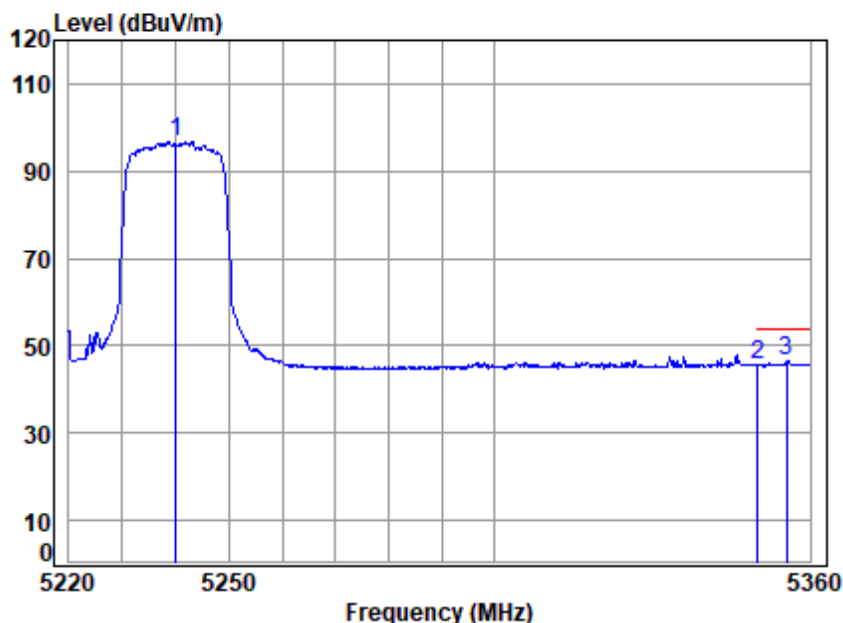
Job No : 01476AT

Mode : 5240 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	5240.000	10.31	32.58	30.80	94.78	106.87	68.20	38.67	Peak
2	5350.020	10.45	32.80	30.76	45.19	57.68	74.00	-16.32	Peak
3	5351.778	10.46	32.80	30.76	46.51	59.01	74.00	-14.99	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11a

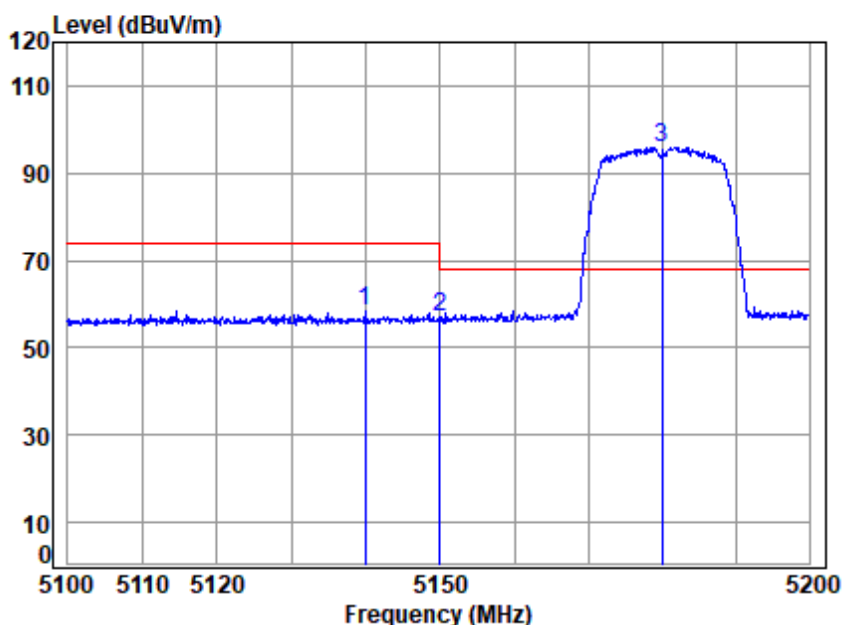
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	10.31	32.58	30.80	84.51	96.60	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.02	45.51	54.00	-8.49	Average
3 pp	5355.462	10.47	32.80	30.76	34.11	46.62	54.00	-7.38	Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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	5139.867	10.10	32.38	30.84	46.86	58.50	74.00	-15.50	peak
2	5149.980	10.14	32.40	30.84	45.56	57.26	74.00	-16.74	peak
3	pp 5180.000	10.25	32.46	30.83	84.07	95.95	68.20	27.75	peak



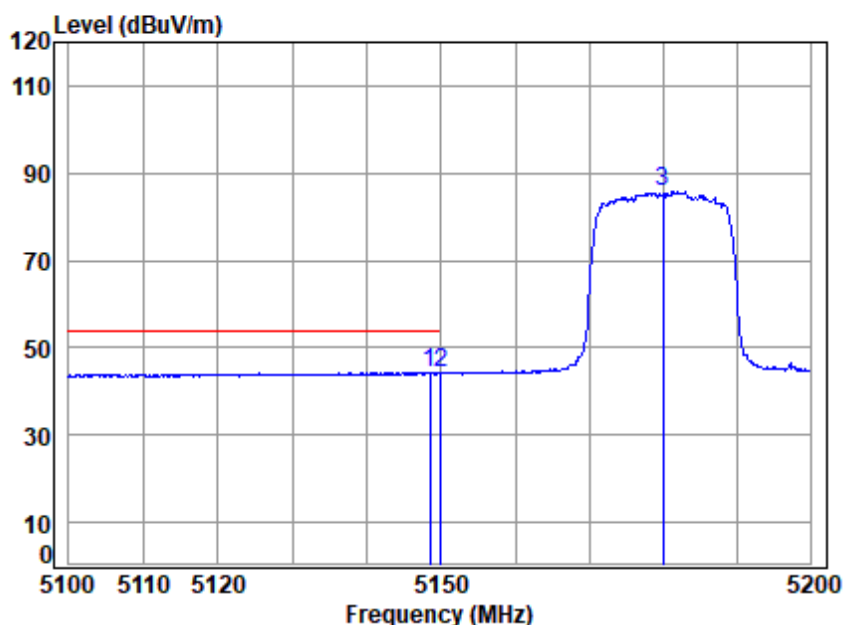
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G Wi-Fi 11n20

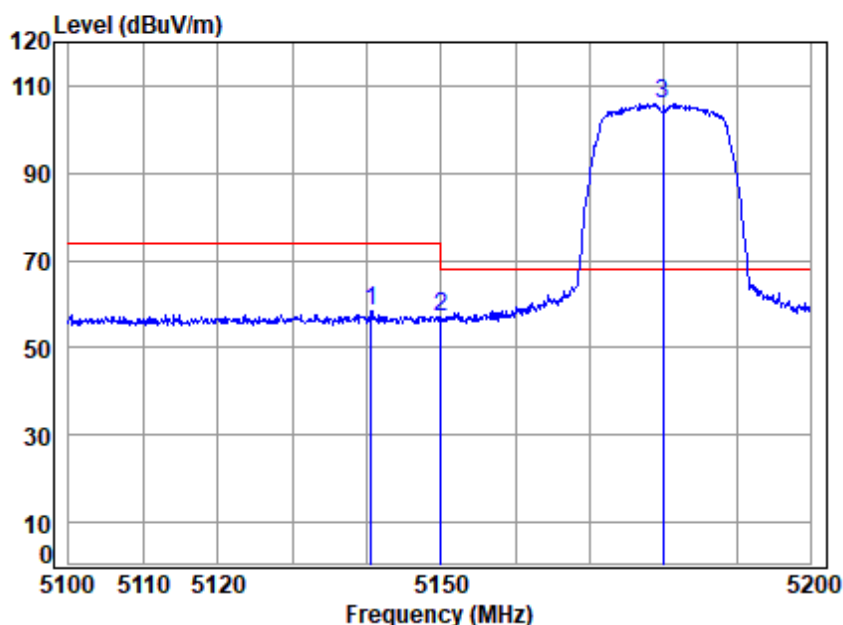
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.458	10.13	32.40	30.84	32.60	44.29	54.00	-9.71 Average
2 pp	5149.980	10.14	32.40	30.84	32.76	44.46	54.00	-9.54 Average
3	5180.000	10.25	32.46	30.83	73.77	85.65	-----	----- Average



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



Condition: 3m VERTICAL

Job No : 01476AT

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	5140.565	10.10	32.38	30.84	46.96	58.60	74.00	-15.40	Peak
2	5149.980	10.14	32.40	30.84	45.46	57.16	74.00	-16.84	Peak
3 pp	5180.000	10.25	32.46	30.83	94.03	105.91	68.20	37.71	Peak



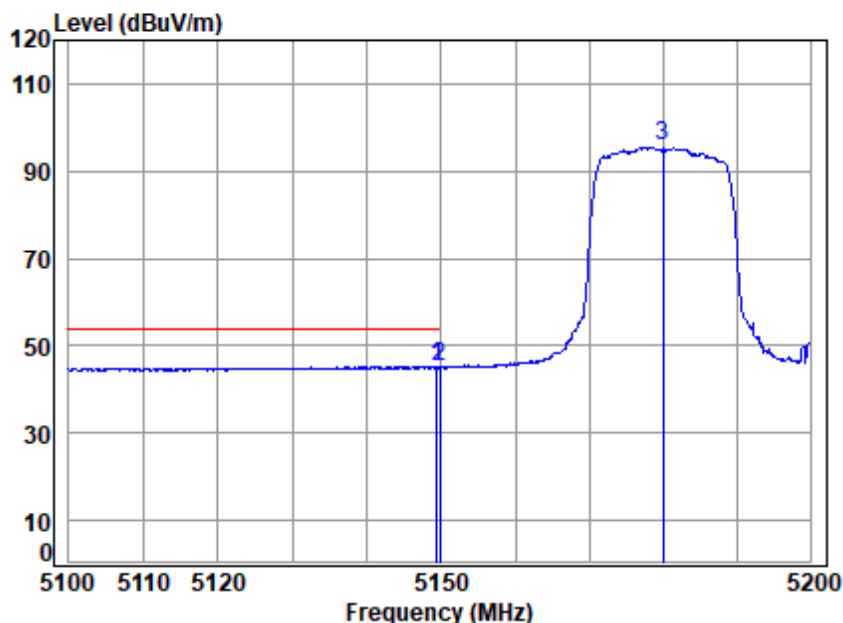
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

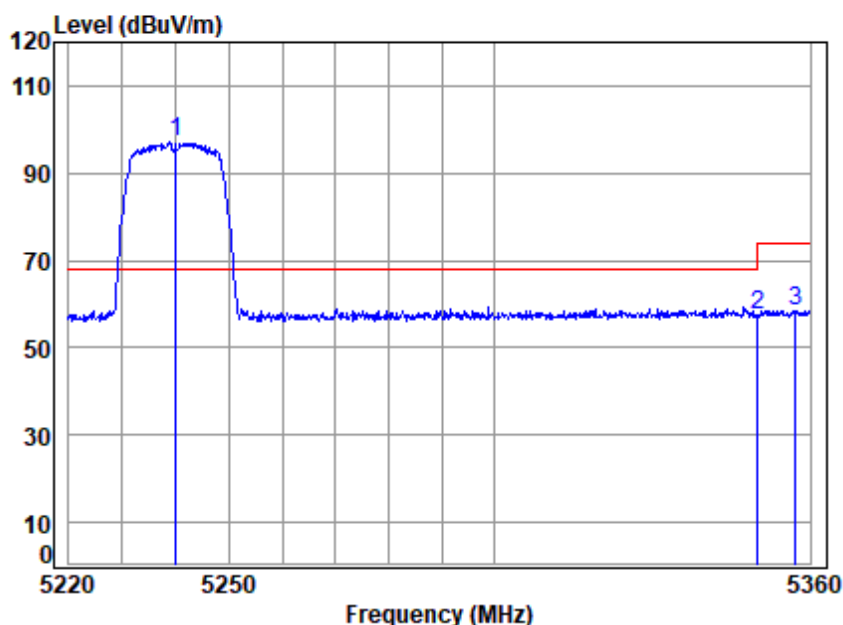
Job No : 01476AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5149.357	10.14	32.40	30.84	33.66	45.36	54.00	-8.64	Average
2	5149.857	10.14	32.40	30.84	33.65	45.35	54.00	-8.65	Average
3	5180.000	10.25	32.46	30.83	83.83	95.71	-----	-----	Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11n20

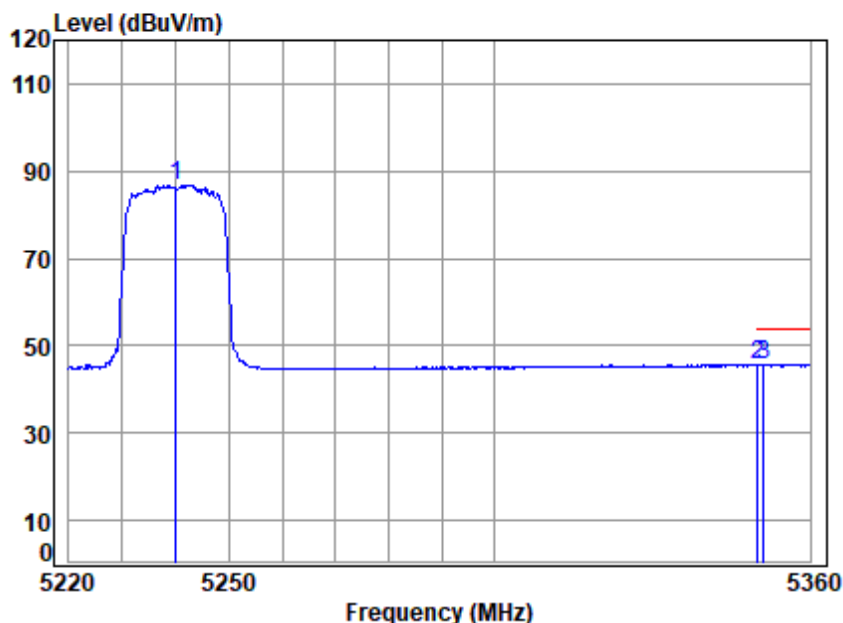
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5240.000	10.31	32.58	30.80	84.93	97.02	68.20	28.82	peak
2	5350.020	10.45	32.80	30.76	45.22	57.71	74.00	-16.29	peak
3	5357.164	10.47	32.80	30.76	46.02	58.53	74.00	-15.47	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11n20

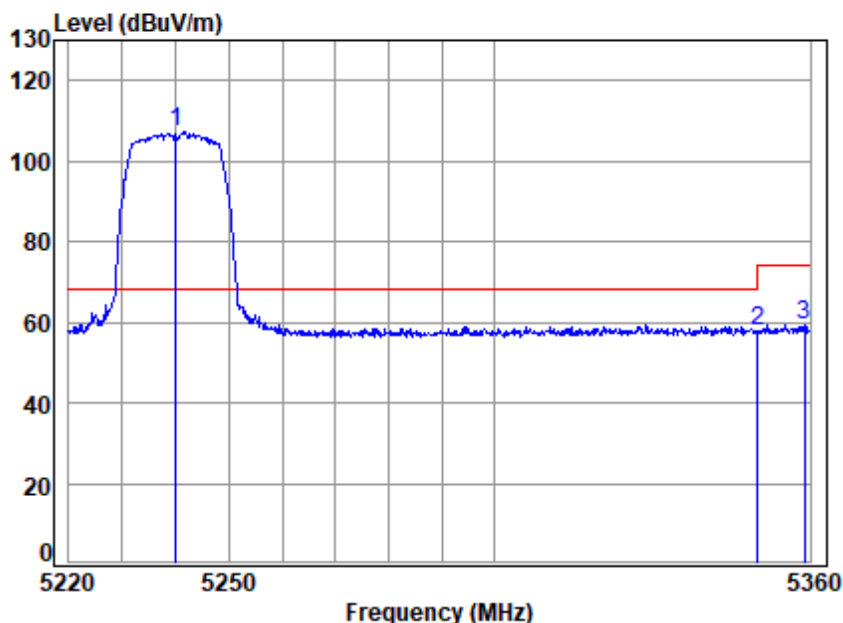
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	10.31	32.58	30.80	74.80	86.89	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.09	45.58	54.00	-8.42	Average
3 pp	5351.212	10.45	32.80	30.76	33.23	45.72	54.00	-8.28	Average



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 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	5240.000	10.31	32.58	30.80	95.00	107.09	68.20	38.89	Peak
2	5350.020	10.45	32.80	30.76	45.47	57.96	74.00	-16.04	Peak
3	5358.865	10.48	32.80	30.76	46.93	59.45	74.00	-14.55	Peak



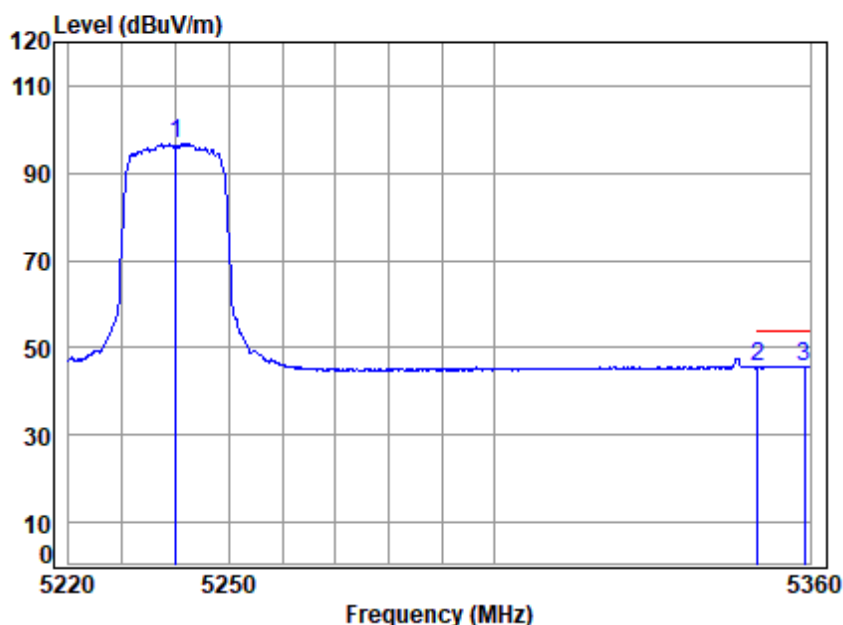
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 Band edge
: 5G Wi-Fi 11n20

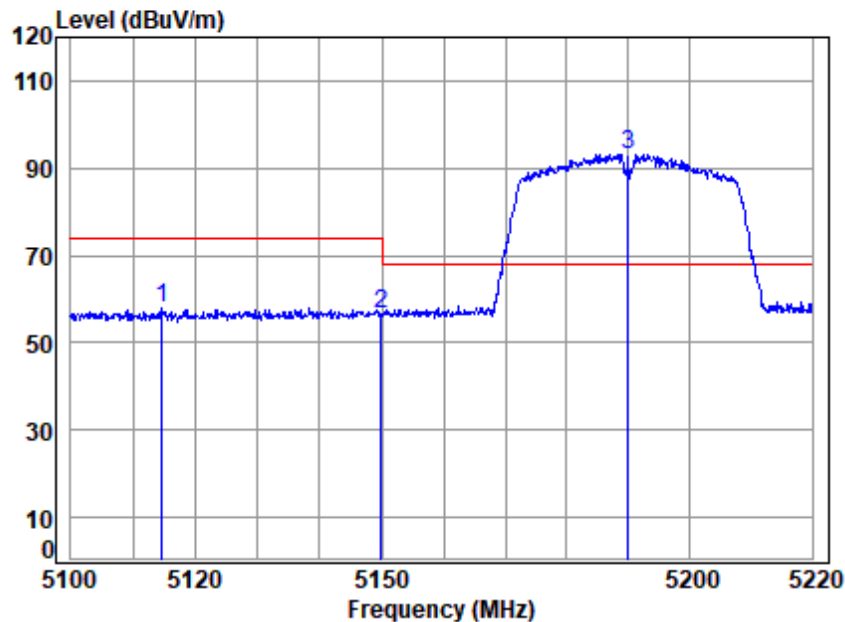
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5240.000	10.31	32.58	30.80	84.67	96.76	-----	----- Average
2 5350.020	10.45	32.80	30.76	33.02	45.51	54.00	-8.49 Average
3 pp 5358.865	10.48	32.80	30.76	33.30	45.82	54.00	-8.18 Average



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



Condition: 3m HORIZONTAL

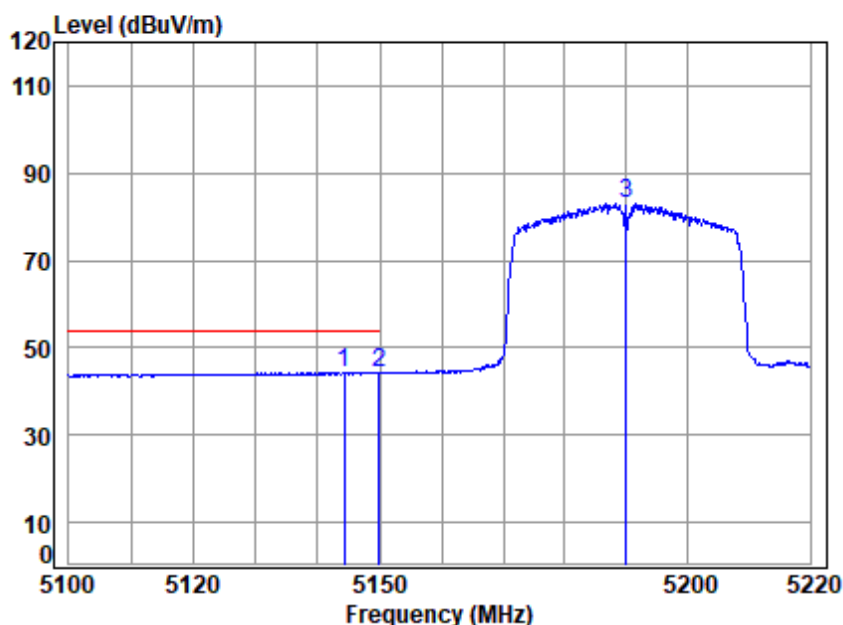
Job No : 01476AT

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	5114.610	10.01	32.33	30.85	46.41	57.90	74.00 -16.10 peak
2	5149.980	10.14	32.40	30.84	45.08	56.78	74.00 -17.22 peak
3	pp 5190.000	10.29	32.48	30.82	81.28	93.23	68.20 25.03 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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

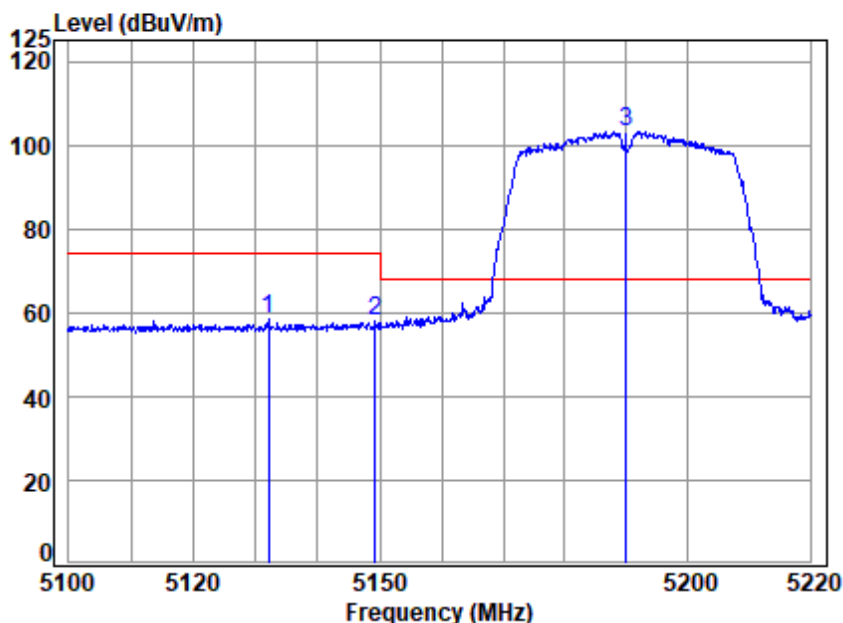
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5144.314	10.12	32.39	30.84	32.55	44.22	54.00	-9.78 Average
2 pp	5149.980	10.14	32.40	30.84	32.57	44.27	54.00	-9.73 Average
3	5190.000	10.29	32.48	30.82	71.18	83.13	-----	----- Average



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



Condition: 3m VERTICAL

Job No : 01476AT

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

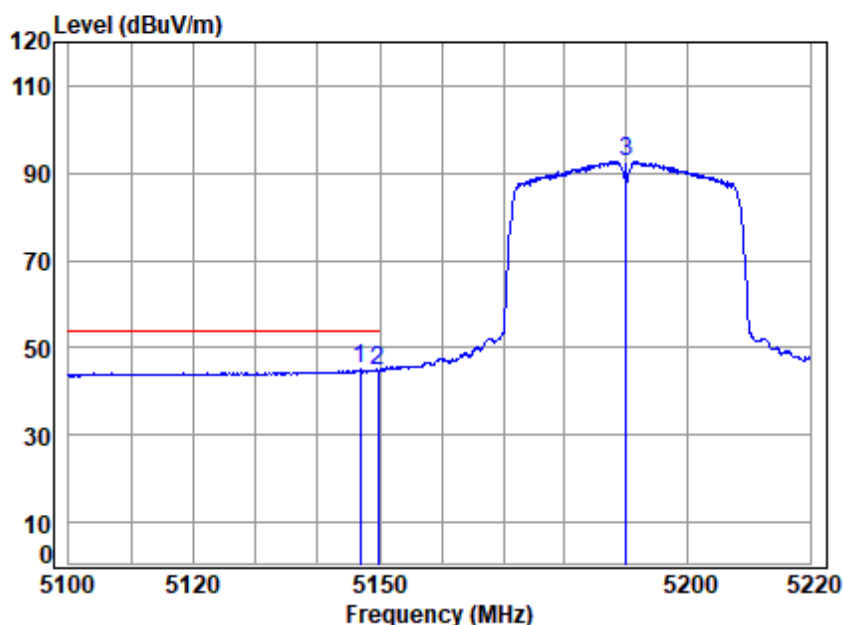
		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.125	10.07	32.36	30.85	47.05	58.63	74.00	-15.37	Peak
2	5149.222	10.14	32.40	30.84	46.32	58.02	74.00	-15.98	Peak
3	pp 5190.000	10.29	32.48	30.82	91.26	103.21	68.20	35.01	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

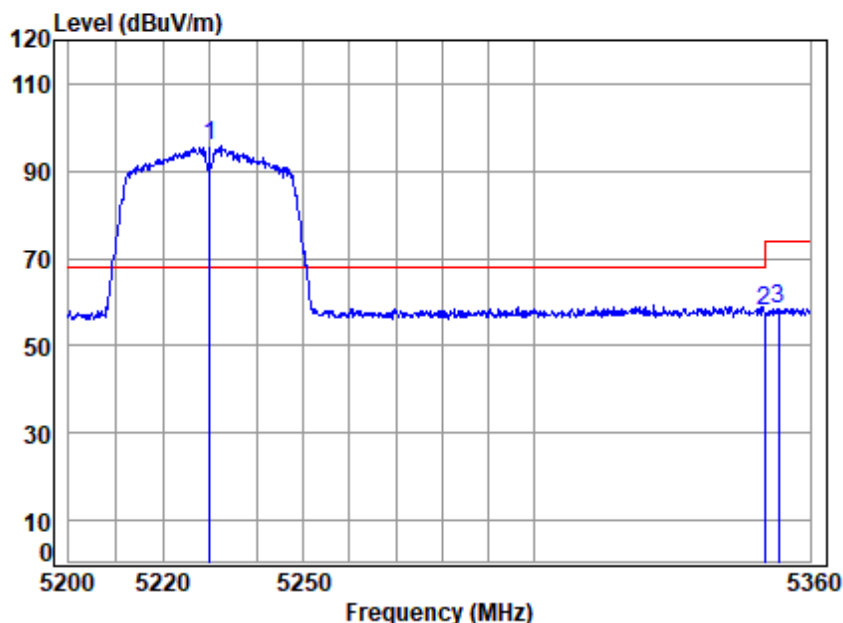
Mode : 5190 Band edge

: 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 pp 5146.828	10.13	32.39	30.84	33.27	44.95	54.00	-9.05	Average
2 5149.821	10.14	32.40	30.84	33.15	44.85	54.00	-9.15	Average
3 5190.000	10.29	32.48	30.82	80.79	92.74	-----	-----	Average



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



Condition: 3m HORIZONTAL

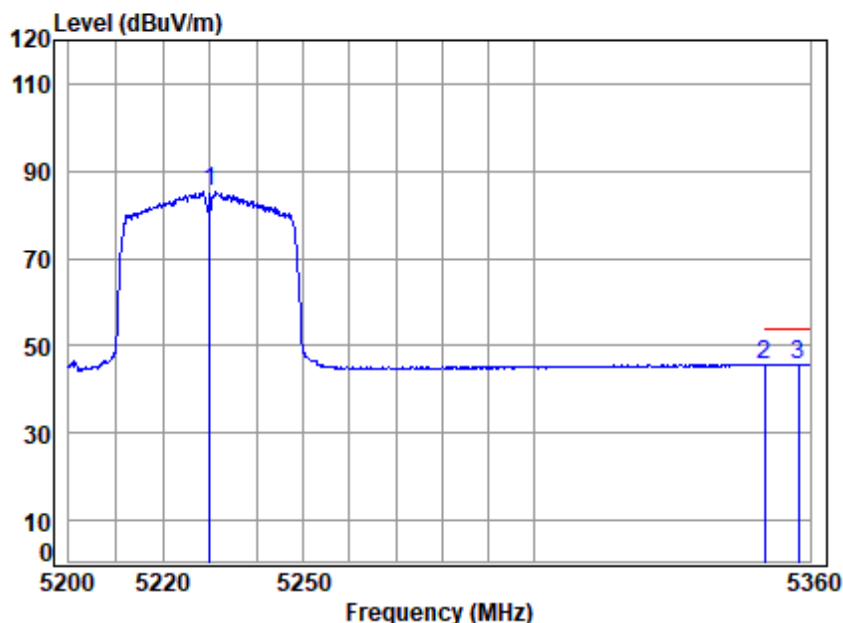
Job No : 01476AT

Mode : 5230 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	5230.000	10.31	32.56	30.81	83.60	95.66	68.20	27.46	peak
2	5350.020	10.45	32.80	30.76	45.36	57.85	74.00	-16.15	peak
3	5353.182	10.46	32.80	30.76	46.09	58.59	74.00	-15.41	peak



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



Condition: 3m HORIZONTAL

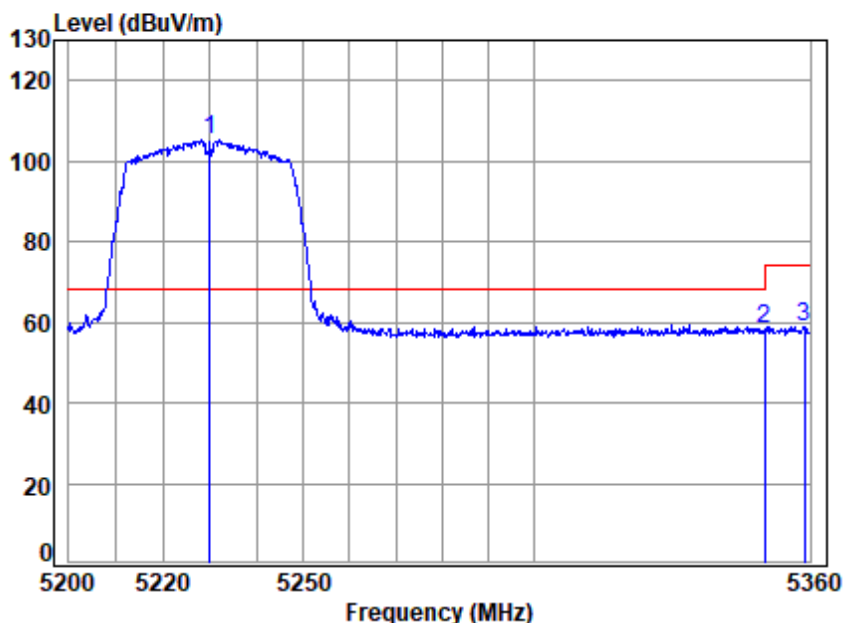
Job No : 01476AT

Mode : 5230 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	5230.000	10.31	32.56	30.81	73.28	85.34	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.11	45.60	54.00	-8.40	Average
3 pp	5357.402	10.48	32.80	30.76	33.25	45.77	54.00	-8.23	Average



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 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	5230.000	10.31	32.56	30.81	93.24	105.30	68.20	37.10	Peak
2	5350.020	10.45	32.80	30.76	45.71	58.20	74.00	-15.80	Peak
3	5358.701	10.48	32.80	30.76	46.50	59.02	74.00	-14.98	Peak



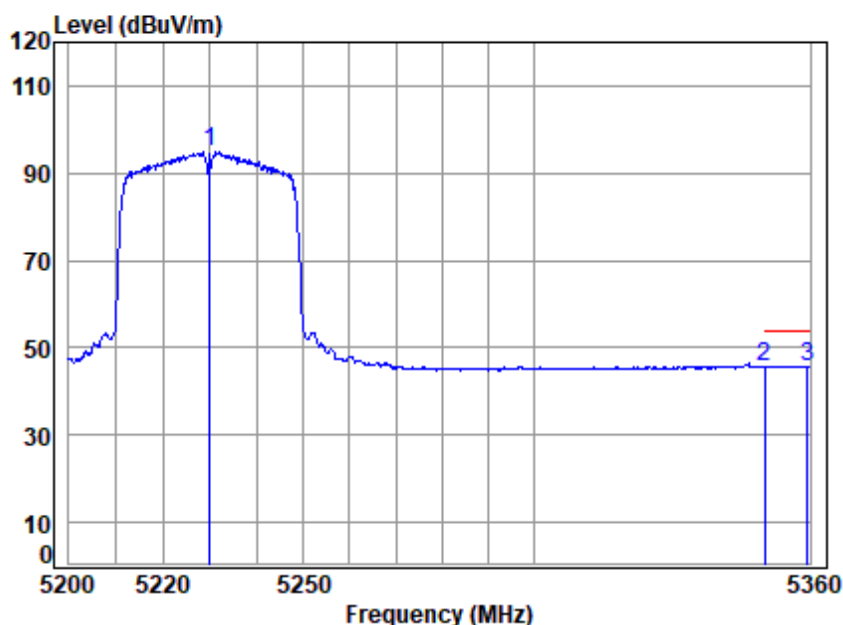
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Condition: 3m VERTICAL

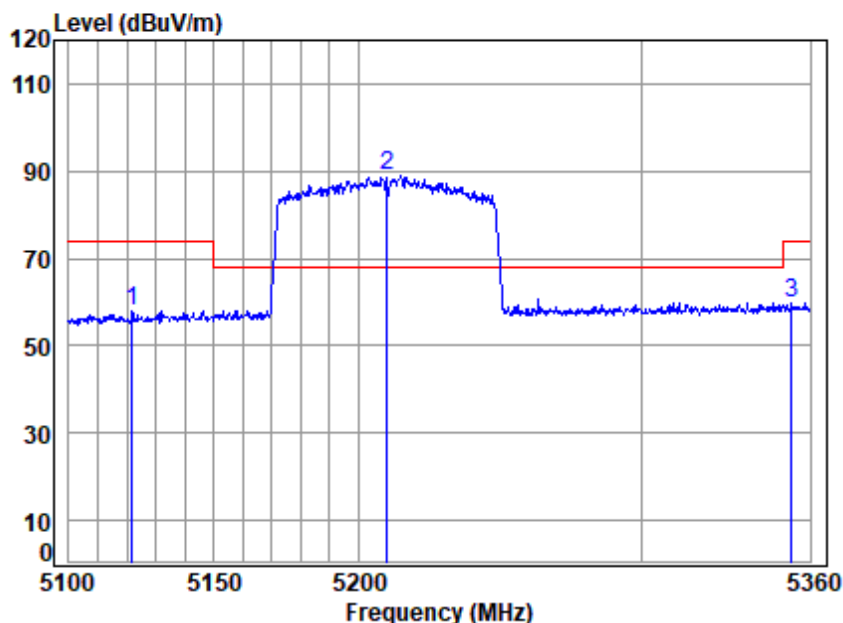
Job No : 01476AT

Mode : 5230 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	5230.000	10.31	32.56	30.81	82.74	94.80	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.19	45.68	54.00	-8.32	Average
3	pp 5359.350	10.48	32.80	30.76	33.28	45.80	54.00	-8.20	Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.855	10.03	32.34	30.85	46.52	58.04	74.00	-15.96	peak
2 pp	5210.000	10.32	32.52	30.82	77.06	89.08	68.20	20.88	peak
3	5353.341	10.46	32.80	30.76	47.26	59.76	74.00	-14.24	peak



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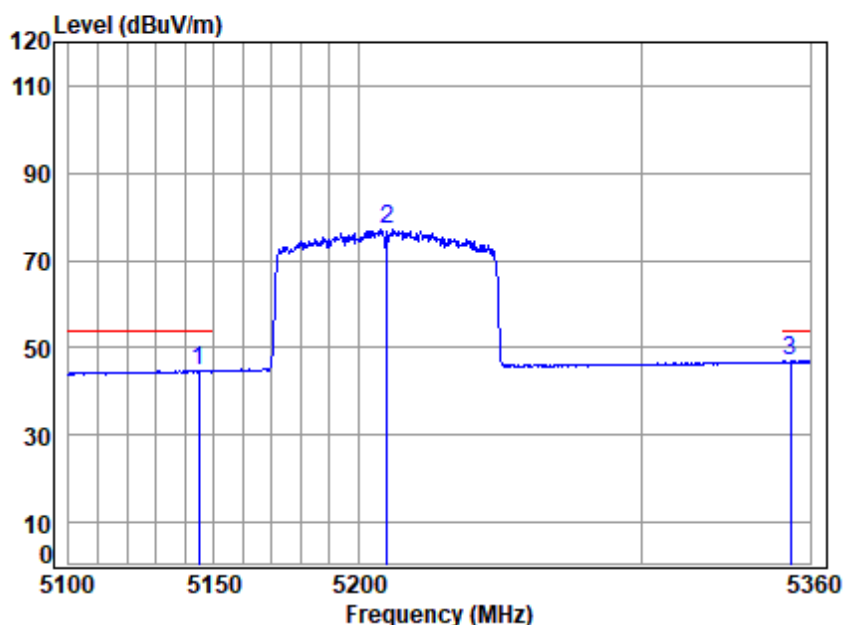
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.828	10.12	32.39	30.84	33.20	44.87	54.00	-9.13	Average
2	5210.000	10.32	32.52	30.82	65.21	77.23	-----	-----	Average
3 pp	5353.075	10.46	32.80	30.76	34.43	46.93	54.00	-7.07	Average



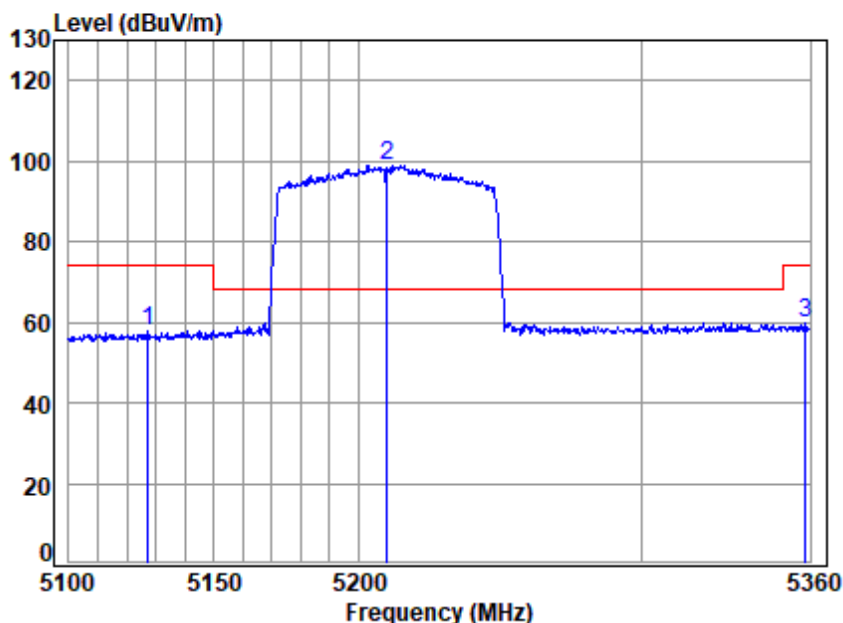
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

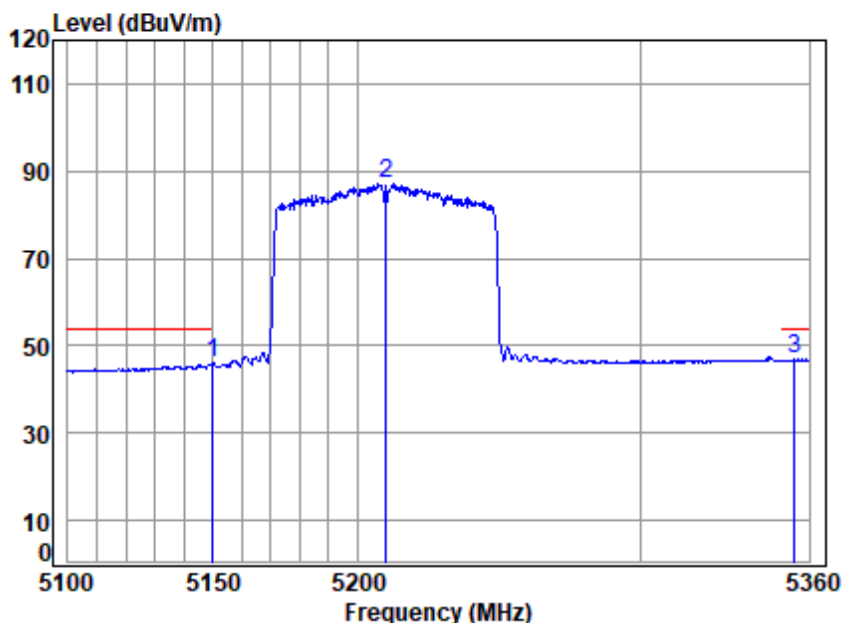
Job No : 01476AT

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	5127.207	10.05	32.35	30.85	46.42	57.97	74.00	-16.03	Peak
2 pp	5210.000	10.32	32.52	30.82	86.90	98.92	68.20	30.72	Peak
3	5358.401	10.48	32.80	30.76	47.06	59.58	74.00	-14.42	Peak



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



Condition: 3m VERTICAL

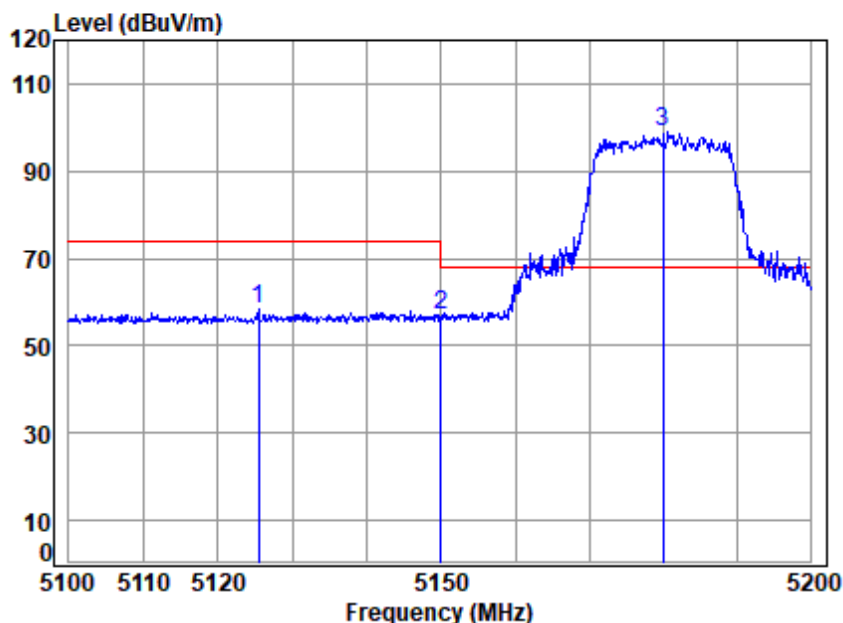
Job No : 01476AT

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 5149.947	10.14	32.40	30.84	34.34	46.04	54.00	-7.96 Average
2 5210.000	10.32	32.52	30.82	75.27	87.29	-----	----- Average
3 pp 5354.672	10.47	32.80	30.76	34.29	46.80	54.00	-7.20 Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

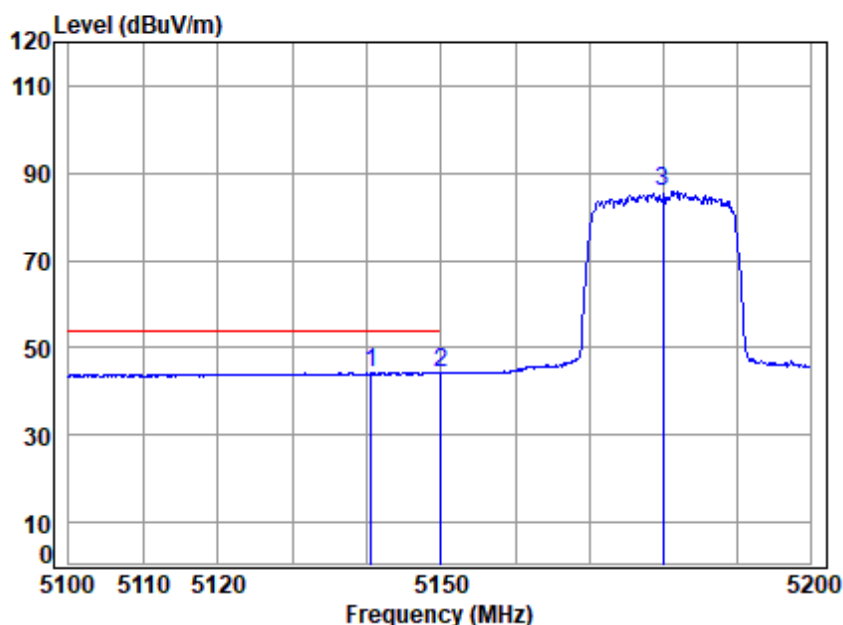
		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5125.416	10.05	32.35	30.85	46.91	58.46	74.00	-15.54	peak
2	5149.980	10.14	32.40	30.84	45.39	57.09	74.00	-16.91	peak
3	pp 5180.000	10.25	32.46	30.83	87.03	98.91	68.20	30.71	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

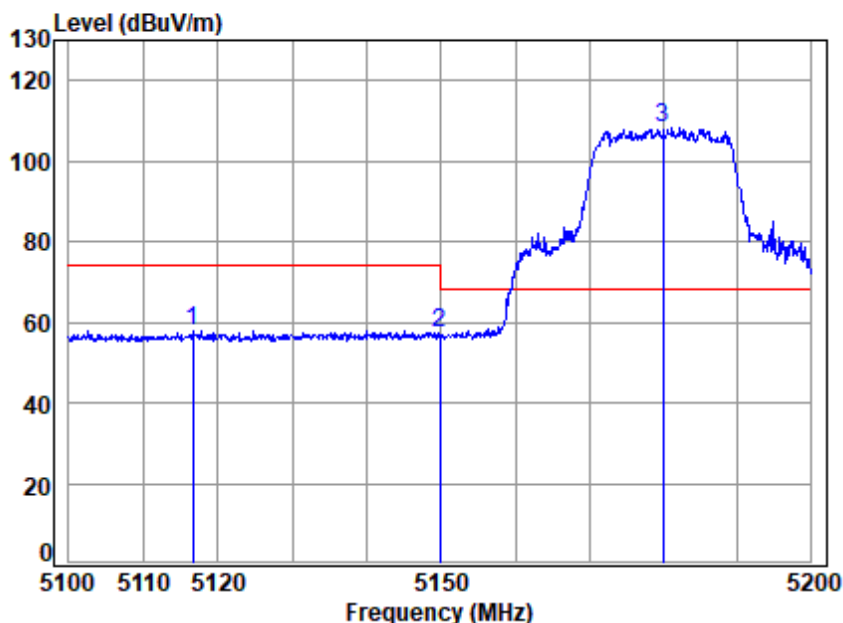
Mode : 5180 Band edge

: 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	5140.565	10.10	32.38	30.84	32.63	44.27	54.00	-9.73	Average
2	5149.980	10.14	32.40	30.84	32.54	44.24	54.00	-9.76	Average
3	5180.000	10.25	32.46	30.83	73.98	85.86	-----	-----	Average



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



Condition: 3m VERTICAL

Job No : 01476AT

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

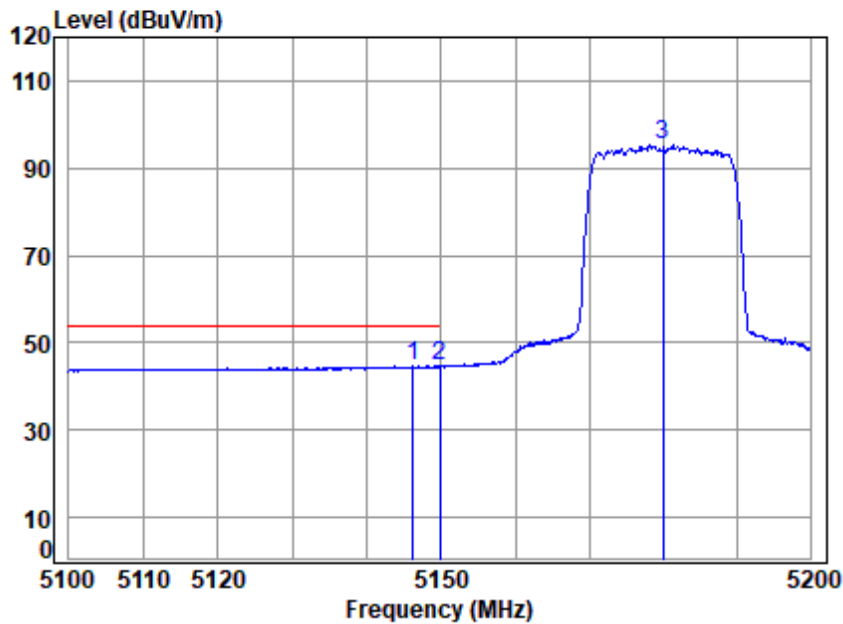
		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.565	10.01	32.33	30.85	46.45	57.94	74.00	-16.06	Peak
2	5149.757	10.14	32.40	30.84	45.82	57.52	74.00	-16.48	Peak
3	pp 5180.000	10.25	32.46	30.83	96.52	108.40	68.20	40.20	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.159	10.13	32.39	30.84	32.91	44.59	54.00	-9.41	Average
2 pp	5149.857	10.14	32.40	30.84	32.98	44.68	54.00	-9.32	Average
3	5180.000	10.25	32.46	30.83	83.35	95.23	-----	-----	Average



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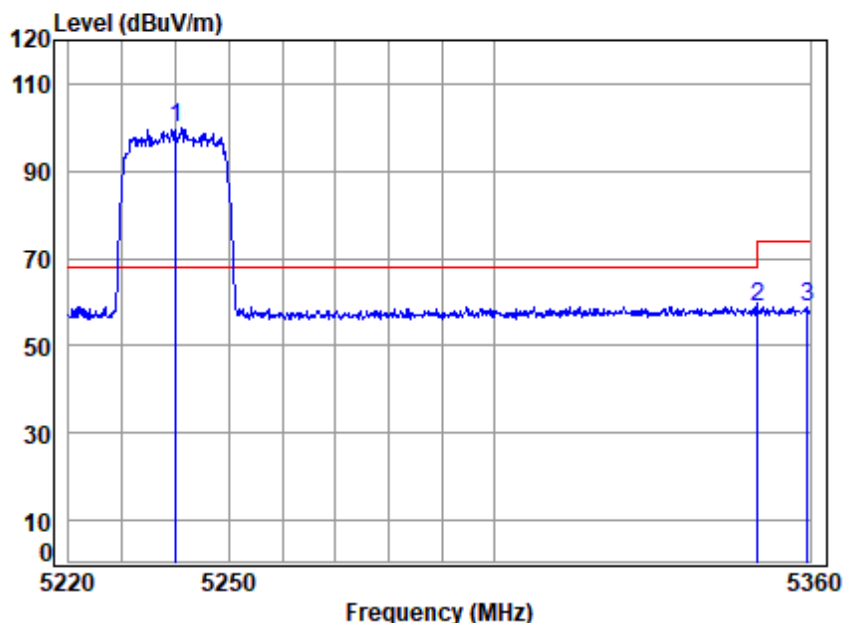
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

Page: 72 of 112

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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 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	5240.000	10.31	32.58	30.80	87.87	99.96	68.20	31.76	peak
2	5350.020	10.45	32.80	30.76	46.32	58.81	74.00	-15.19	peak
3	5359.574	10.48	32.80	30.76	46.42	58.94	74.00	-15.06	peak



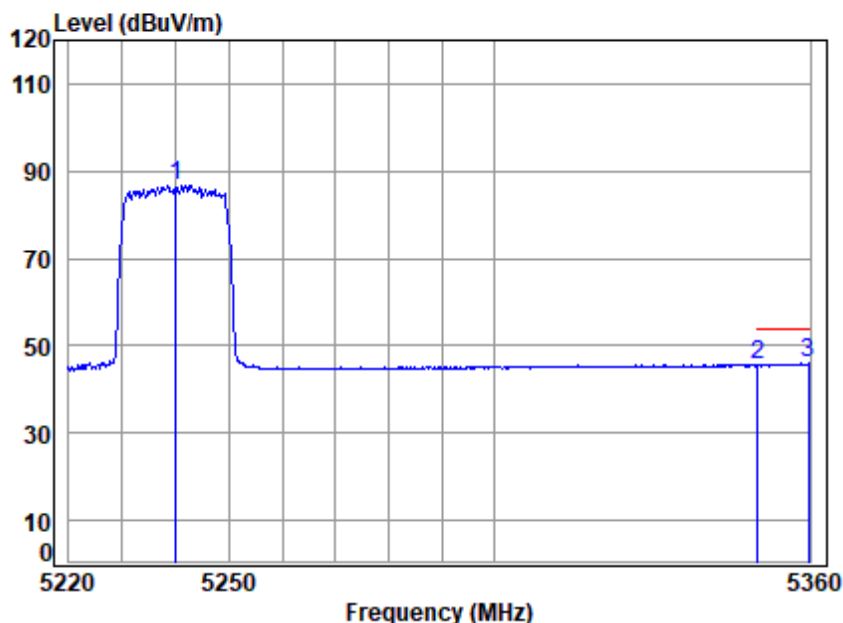
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5240 Band edge

: 5G Wi-Fi 11ax20

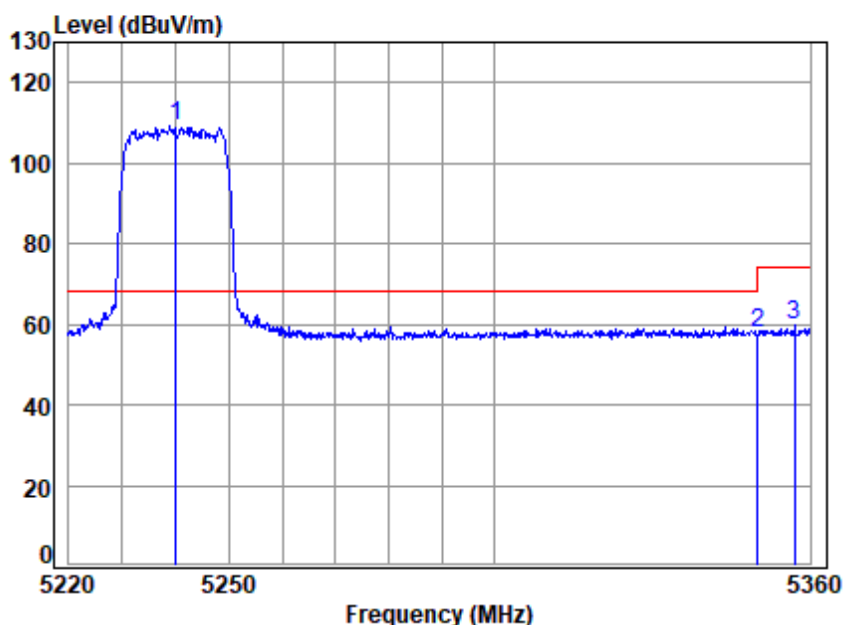
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	10.31	32.58	30.80	74.55	86.64	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.17	45.66	54.00	-8.34	Average
3 pp	5359.716	10.48	32.80	30.76	33.43	45.95	54.00	-8.05	Average



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5240 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	5240.000	10.31	32.58	30.80	96.92	109.01	68.20	40.81	Peak
2	5350.020	10.45	32.80	30.76	45.57	58.06	74.00	-15.94	Peak
3	5357.022	10.47	32.80	30.76	47.24	59.75	74.00	-14.25	Peak



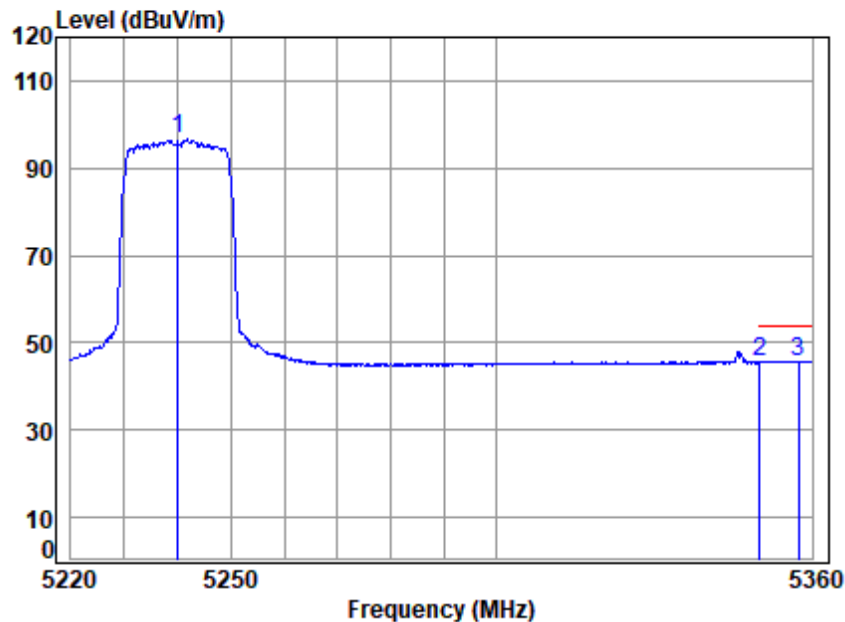
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

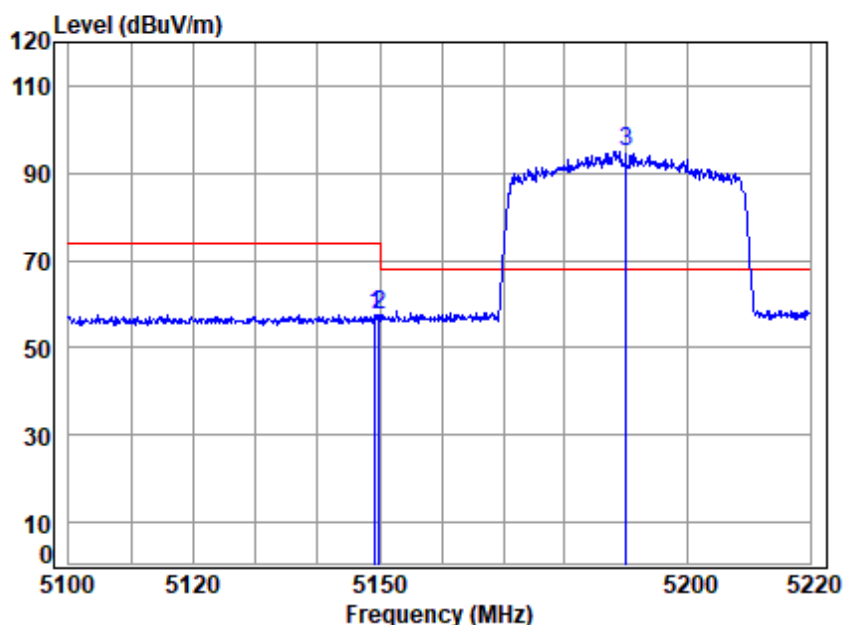
Job No : 01476AT

Mode : 5240 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	5240.000	10.31	32.58	30.80	84.51	96.60	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.06	45.55	54.00	-8.45	Average
3 pp	5357.447	10.48	32.80	30.76	33.25	45.77	54.00	-8.23	Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

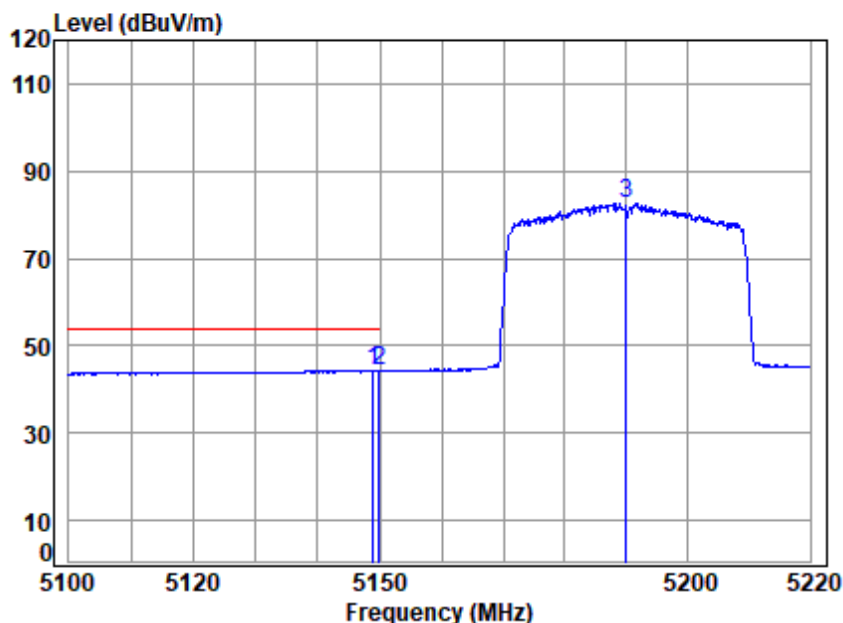
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

		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	5149.342	10.14	32.40	30.84	45.84	57.54	74.00	-16.46	peak
2	5149.980	10.14	32.40	30.84	45.80	57.50	74.00	-16.50	peak
3	pp 5190.000	10.29	32.48	30.82	83.12	95.07	68.20	26.87	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

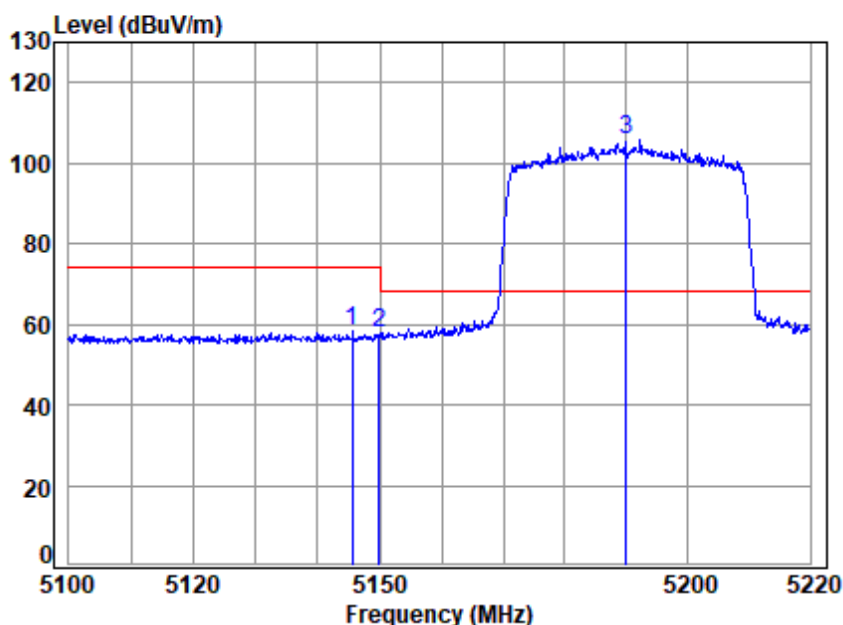
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

		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 5148.863	10.14	32.40	30.84	32.65	44.35	54.00	-9.65	Average	
2 5149.980	10.14	32.40	30.84	32.51	44.21	54.00	-9.79	Average	
3 5190.000	10.29	32.48	30.82	70.56	82.51	-----	-----	Average	



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



Condition: 3m VERTICAL

Job No : 01476AT

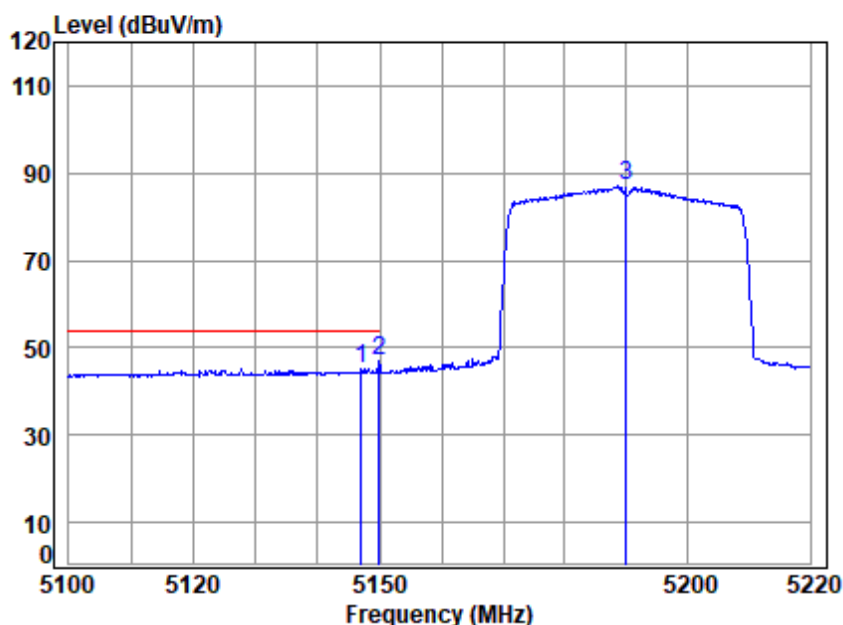
Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.630	10.12	32.39	30.84	46.47	58.14	74.00	-15.86	Peak
2	5149.980	10.14	32.40	30.84	46.07	57.77	74.00	-16.23	Peak
3	pp 5190.000	10.29	32.48	30.82	93.67	105.62	68.20	37.42	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

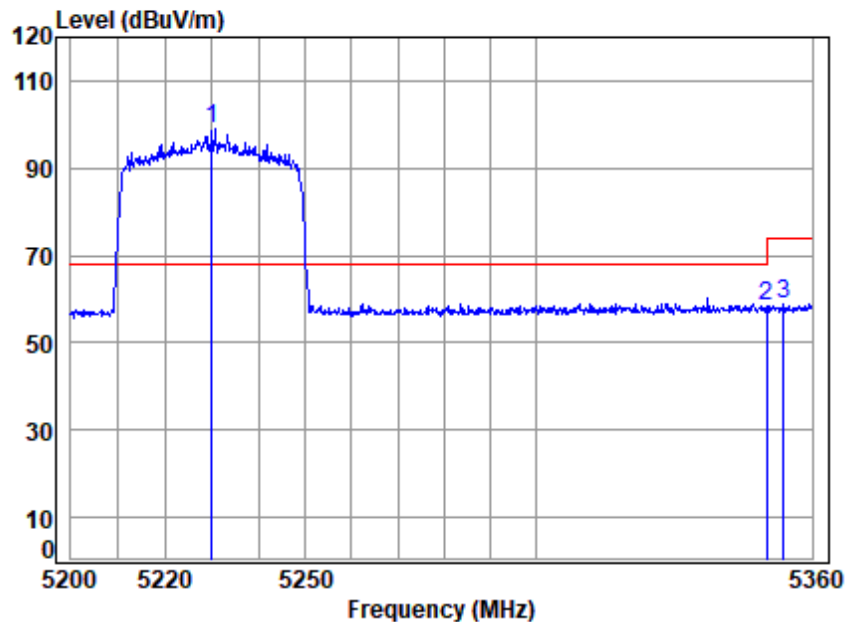
Mode : 5190 Band edge

: 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	5147.067	10.13	32.39	30.84	33.67	45.35	54.00	-8.65 Average
2 pp	5149.980	10.14	32.40	30.84	35.42	47.12	54.00	-6.88 Average
3	5190.000	10.29	32.48	30.82	75.02	86.97	-----	----- Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

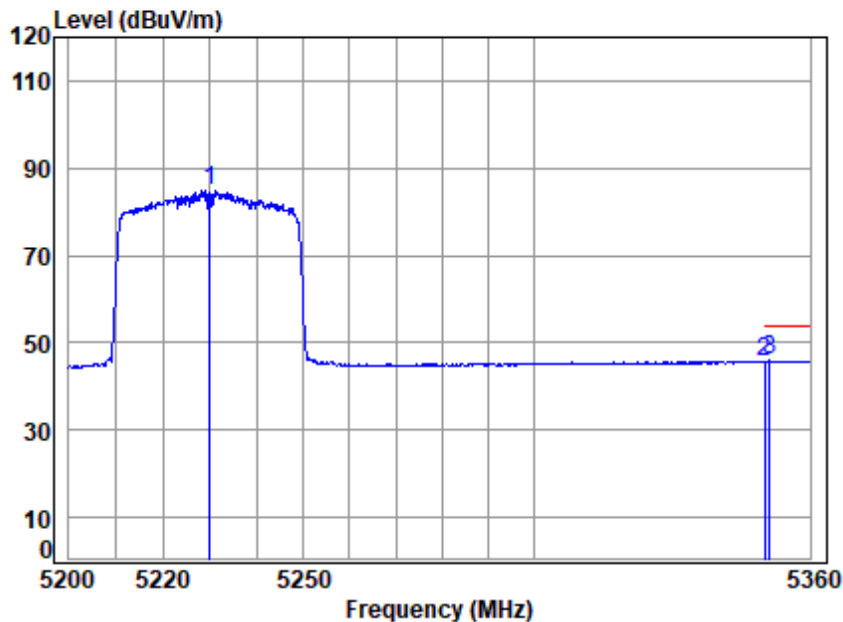
Mode : 5230 Band edge

: 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	5230.000	10.31	32.56	30.81	86.78	98.84	68.20	30.64	peak
2	5350.020	10.45	32.80	30.76	46.11	58.60	74.00	-15.40	peak
3	5353.831	10.46	32.80	30.76	46.16	58.66	74.00	-15.34	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5230 Band edge

: 5G Wi-Fi 11ax40

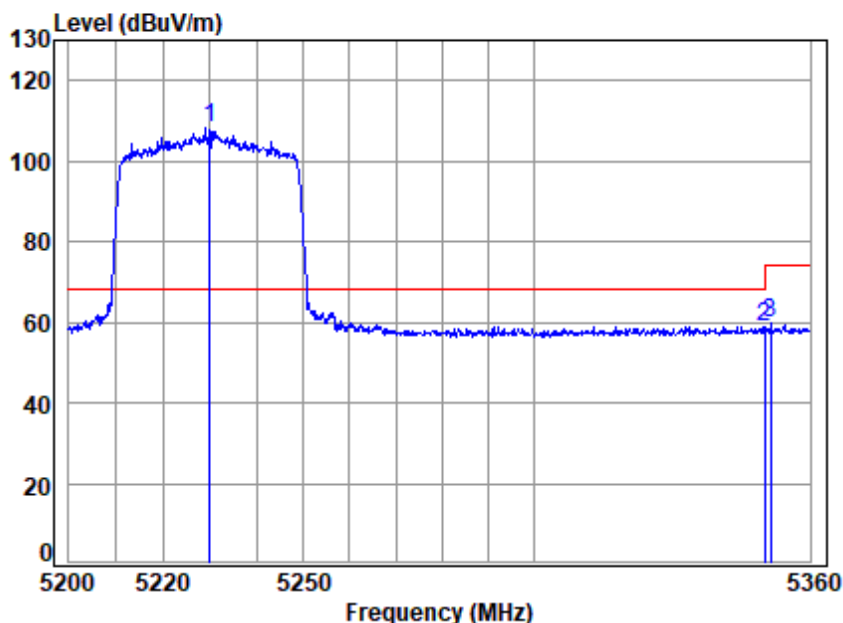
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5230.000	10.31	32.56	30.81	72.85	84.91	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.15	45.64	54.00	-8.36 Average
3 pp	5351.235	10.45	32.80	30.76	33.42	45.91	54.00	-8.09 Average



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



Condition: 3m VERTICAL

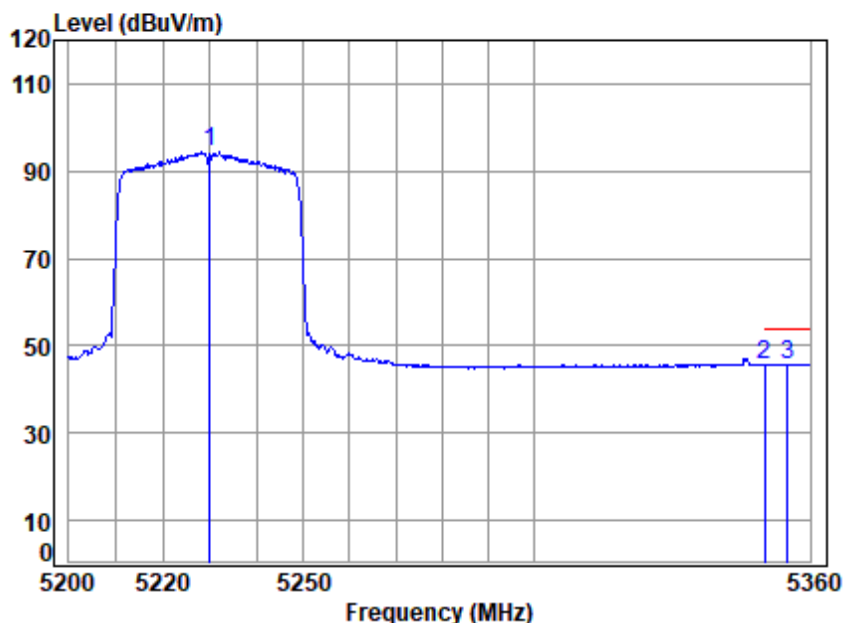
Job No : 01476AT

Mode : 5230 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	5230.000	10.31	32.56	30.81	95.98	108.04	68.20	39.84	Peak
2	5350.020	10.45	32.80	30.76	46.45	58.94	74.00	-15.06	Peak
3	5351.398	10.45	32.80	30.76	47.39	59.88	74.00	-14.12	Peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5230 Band edge
: 5G Wi-Fi 11ax40

		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	5230.000	10.31	32.56	30.81	82.31	94.37	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.16	45.65	54.00	-8.35	Average
3	pp 5355.129	10.47	32.80	30.76	33.34	45.85	54.00	-8.15	Average



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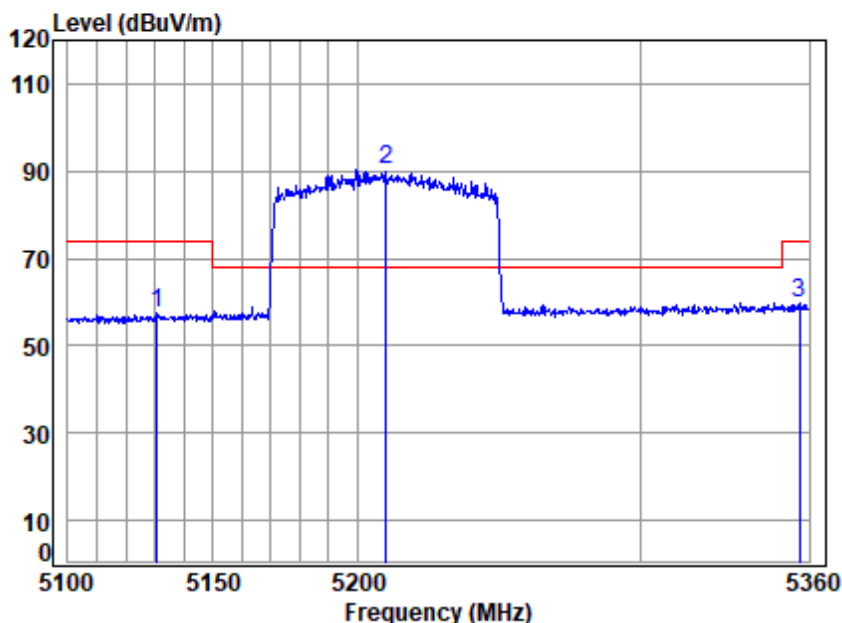
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

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



Condition: 3m HORIZONTAL

Job No : 01476AT

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	5130.777	10.07	32.36	30.85	45.89	57.47	74.00	-16.53	peak
2 pp	5210.000	10.32	32.52	30.82	78.18	90.20	68.20	22.00	peak
3	5356.537	10.47	32.80	30.76	47.25	59.76	74.00	-14.24	peak



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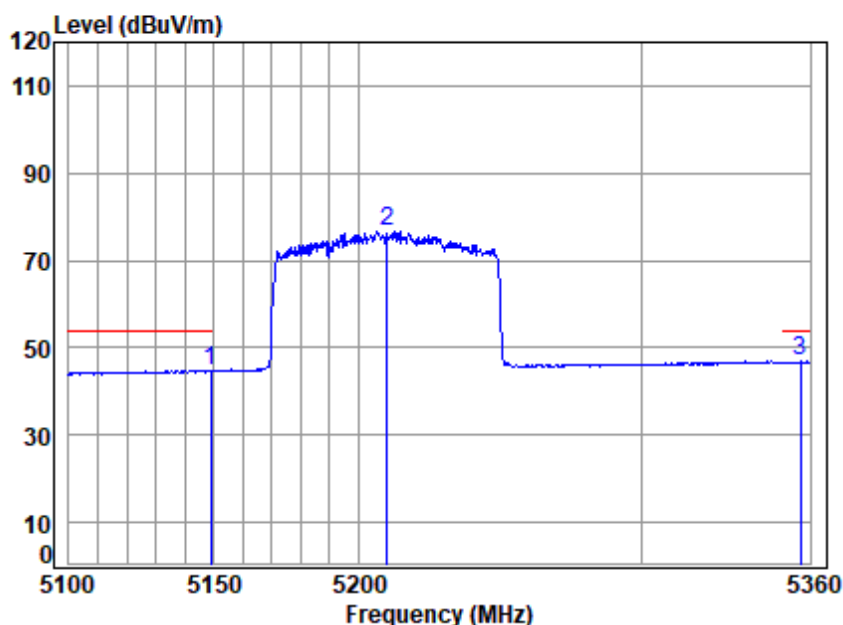
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400147606

Page: 85 of 112

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



Condition: 3m HORIZONTAL

Job No : 01476AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.922	10.14	32.40	30.84	33.11	44.81	54.00	-9.19	Average
2	5210.000	10.32	32.52	30.82	64.74	76.76	-----	-----	Average
3	pp 5356.537	10.47	32.80	30.76	34.32	46.83	54.00	-7.17	Average



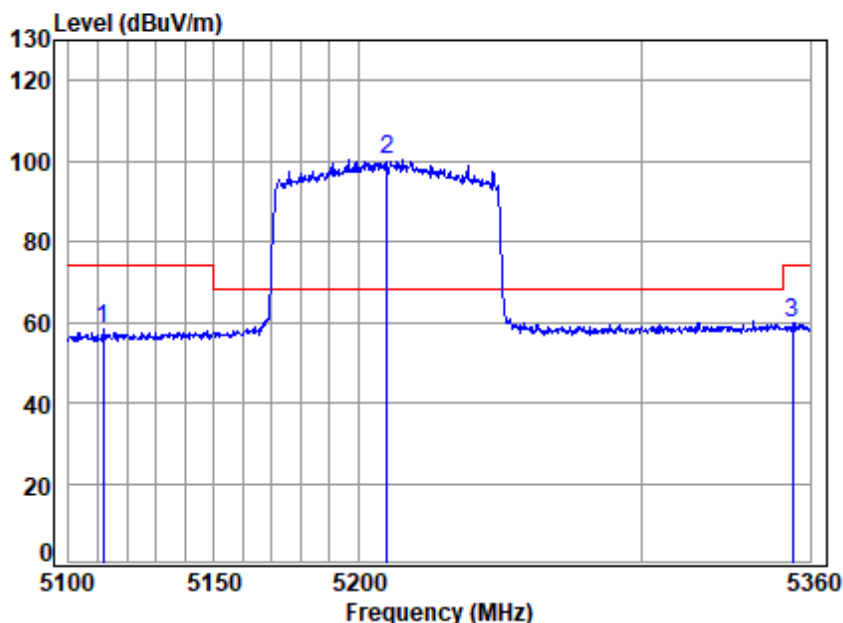
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 01476AT

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	5111.679	9.99	32.32	30.86	46.87	58.32	74.00	-15.68	Peak
2 pp	5210.000	10.32	32.52	30.82	88.38	100.40	68.20	32.20	Peak
3	5353.607	10.46	32.80	30.76	47.18	59.68	74.00	-14.32	Peak



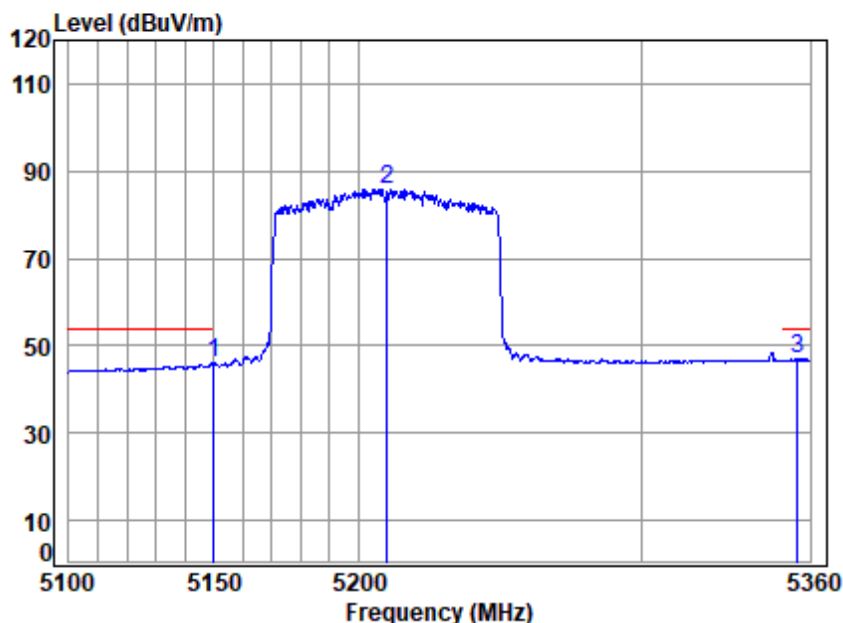
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU); Bandwidth:80MHz; Channel:middle



Condition: 3m VERTICAL

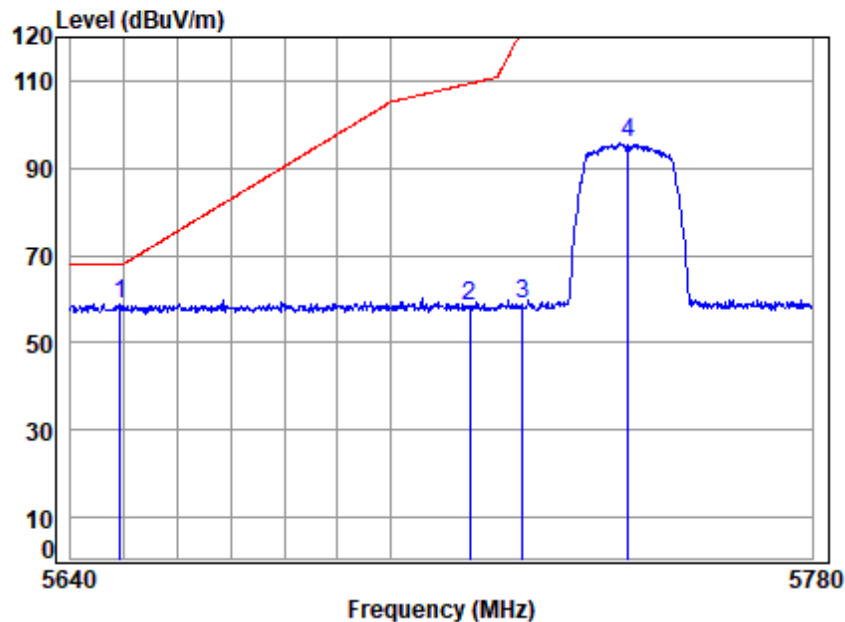
Job No : 01476AT

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 5149.947	10.14	32.40	30.84	34.43	46.13	54.00	-7.87	Average
2 5210.000	10.32	32.52	30.82	73.93	85.95	-----	-----	Average
3 pp 5355.471	10.47	32.80	30.76	34.49	47.00	54.00	-7.00	Average



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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	5649.135	10.48	33.10	30.64	46.04	58.98	68.20	-9.22	peak
2	5715.000	10.63	33.23	30.61	45.06	58.31	109.40	-51.09	peak
3	5725.000	10.68	33.25	30.61	45.63	58.95	122.20	-63.25	peak
4	5745.000	10.77	33.29	30.60	82.31	95.77	-----	-----	peak



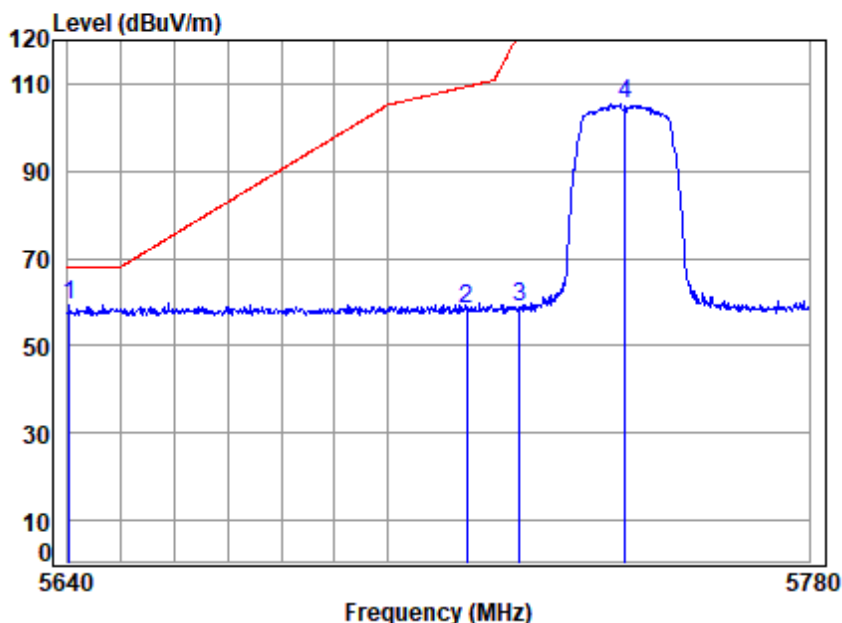
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

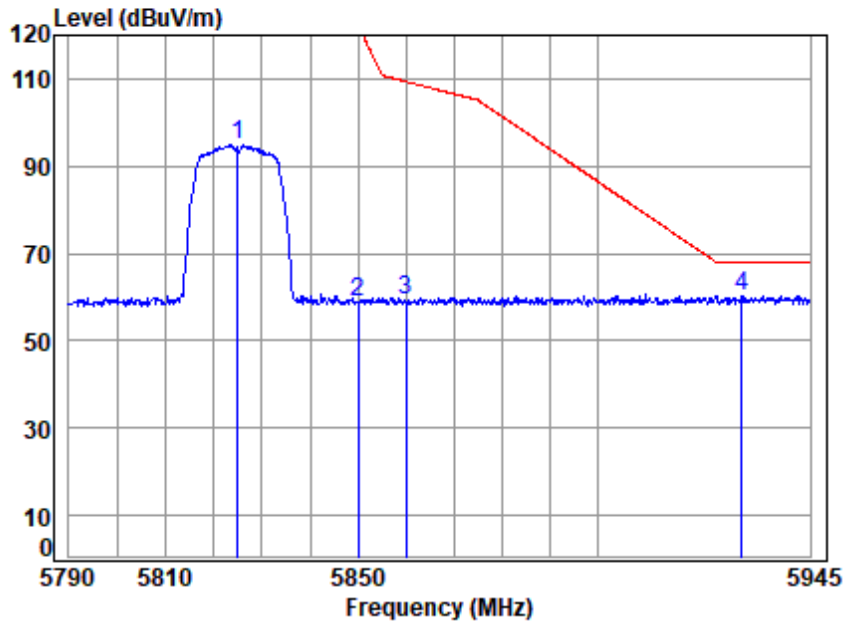
Job No : 01476AT

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	5640.276	10.47	33.08	30.64	46.39	59.30	68.20	-8.90 peak
2	5715.000	10.63	33.23	30.61	45.17	58.42	109.40	-50.98 peak
3	5725.000	10.68	33.25	30.61	45.46	58.78	122.20	-63.42 peak
4	5745.000	10.77	33.29	30.60	91.83	105.29	-----	----- peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

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

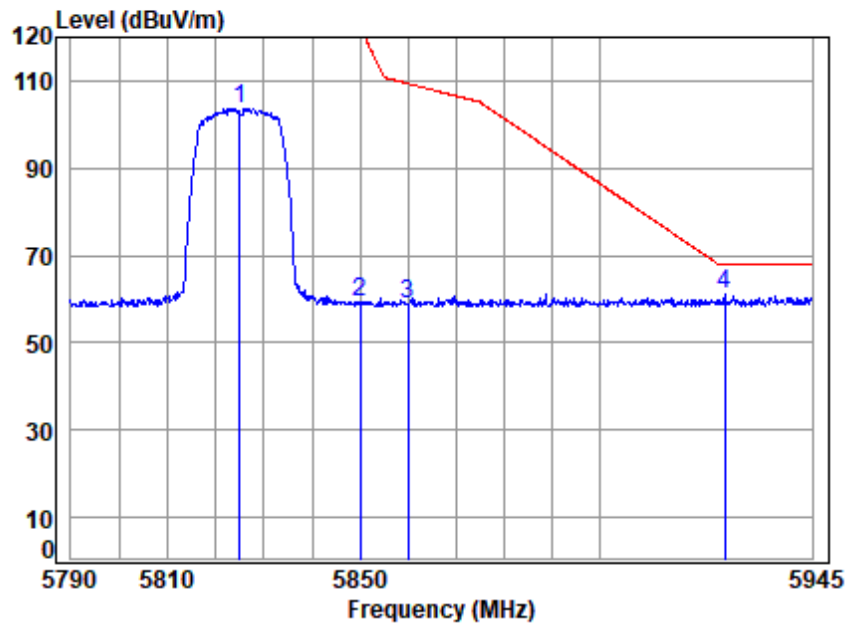
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	80.93	94.85	-----	peak
2	5850.000	10.95	33.60	30.56	44.84	58.83	122.20	-63.37 peak
3	5860.000	10.94	33.58	30.56	45.16	59.12	109.40	-50.28 peak
4 pp	5930.568	10.87	33.56	30.53	46.46	60.36	68.20	-7.84 peak



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



Condition: 3m VERTICAL

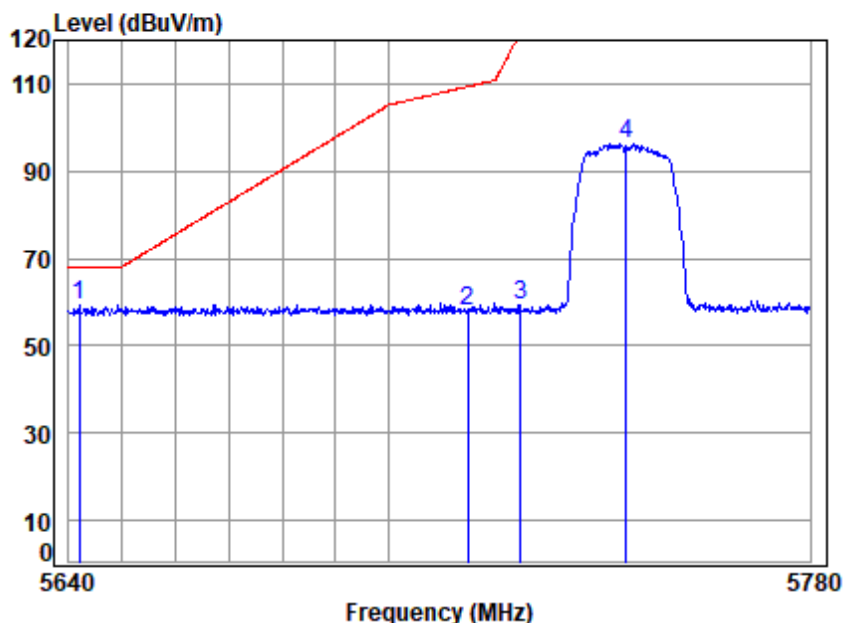
Job No : 01476AT

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	89.83	103.75	-----	-----	peak
5850.000	10.95	33.60	30.56	45.33	59.32	122.20	-62.88	peak
5860.000	10.94	33.58	30.56	45.12	59.08	109.40	-50.32	peak
5926.496	10.87	33.55	30.53	47.02	60.91	68.20	-7.29	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

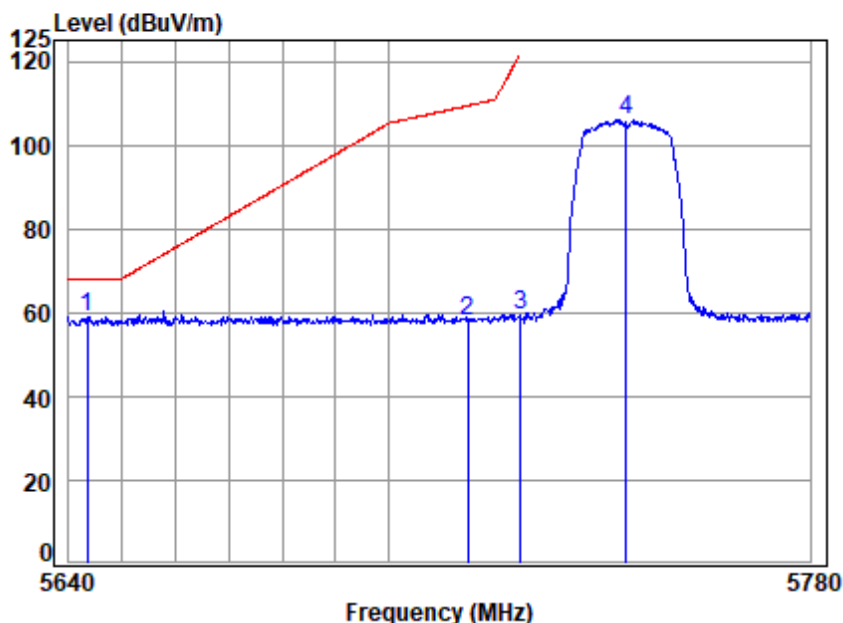
Mode : 5745 Band edge

: 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 5641.937	10.47	33.08	30.64	46.30	59.21	68.20	-8.99	peak
2 5715.000	10.63	33.23	30.61	44.86	58.11	109.40	-51.29	peak
3 5725.000	10.68	33.25	30.61	46.06	59.38	122.20	-62.82	peak
4 5745.000	10.77	33.29	30.60	82.63	96.09	-----	-----	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

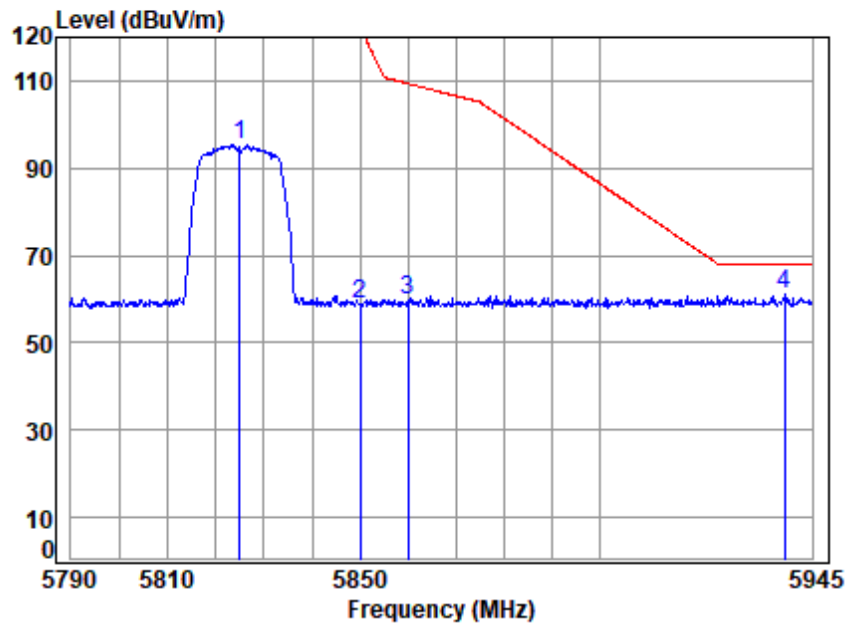
Mode : 5745 Band edge

: 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	5643.458	10.48	33.09	30.64	46.12	59.05	68.20	-9.15 peak
2	5715.000	10.63	33.23	30.61	44.67	57.92	109.40	-51.48 peak
3	5725.000	10.68	33.25	30.61	45.95	59.27	122.20	-62.93 peak
4	5745.000	10.77	33.29	30.60	92.56	106.02	-----	----- peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

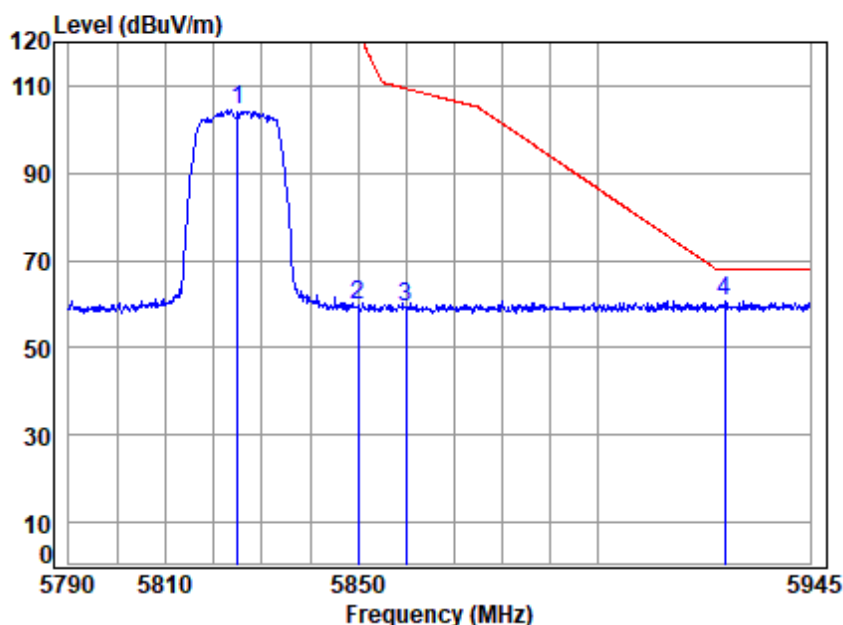
Mode : 5825 Band edge

: 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	81.46	95.38	-----	----- peak
2 5850.000	10.95	33.60	30.56	44.90	58.89	122.20	-63.31 peak
3 5860.000	10.94	33.58	30.56	45.69	59.65	109.40	-49.75 peak
4 pp 5939.192	10.86	33.58	30.52	47.03	60.95	68.20	-7.25 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

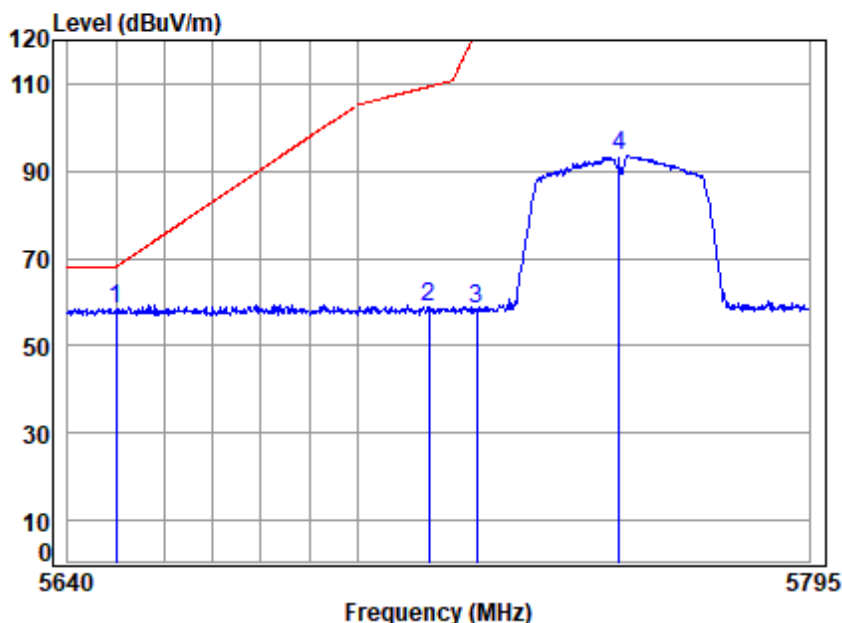
Mode : 5825 Band edge

: 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	90.42	104.34	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.83	59.82	122.20	-62.38 peak
3 5860.000	10.94	33.58	30.56	45.34	59.30	109.40	-50.10 peak
4 pp 5926.966	10.87	33.55	30.53	46.93	60.82	68.20	-7.38 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

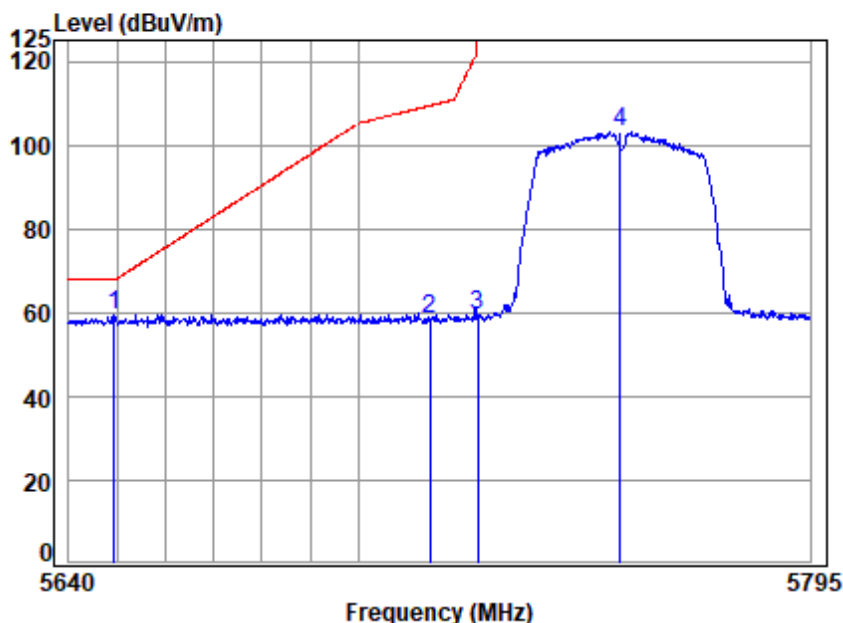
Mode : 5755 Band edge

: 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	5649.948	10.48	33.10	30.64	45.58	58.52	68.20	-9.68 peak
2	5715.000	10.63	33.23	30.61	45.69	58.94	109.40	-50.46 peak
3	5725.000	10.68	33.25	30.61	45.24	58.56	122.20	-63.64 peak
4	5755.000	10.81	33.31	30.60	80.08	93.60	-----	----- peak



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



Condition: 3m VERTICAL

Job No : 01476AT

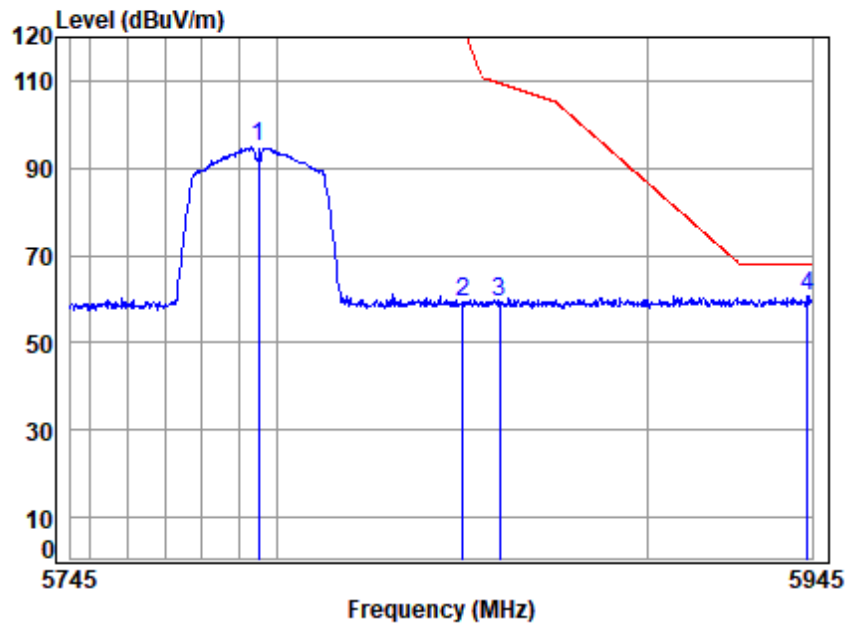
Mode : 5755 Band edge

: 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 5649.335	10.48	33.10	30.64	46.52	59.46	68.20	-8.74	peak
2 5715.000	10.63	33.23	30.61	45.17	58.42	109.40	-50.98	peak
3 5725.000	10.68	33.25	30.61	45.92	59.24	122.20	-62.96	peak
4 5755.000	10.81	33.31	30.60	89.60	103.12	-----	-----	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

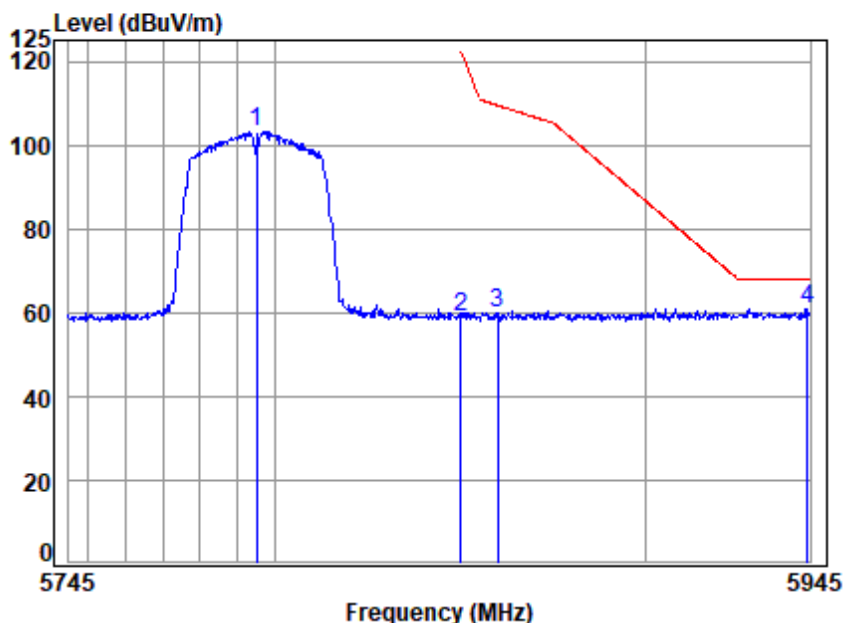
Mode : 5795 Band edge

: 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	80.97	94.78	-----	----- peak
2 5850.000	10.95	33.60	30.56	45.44	59.43	122.20	-62.77 peak
3 5860.000	10.94	33.58	30.56	45.26	59.22	109.40	-50.18 peak
4 pp 5943.779	10.85	33.59	30.52	46.66	60.58	68.20	-7.62 peak



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



Condition: 3m VERTICAL

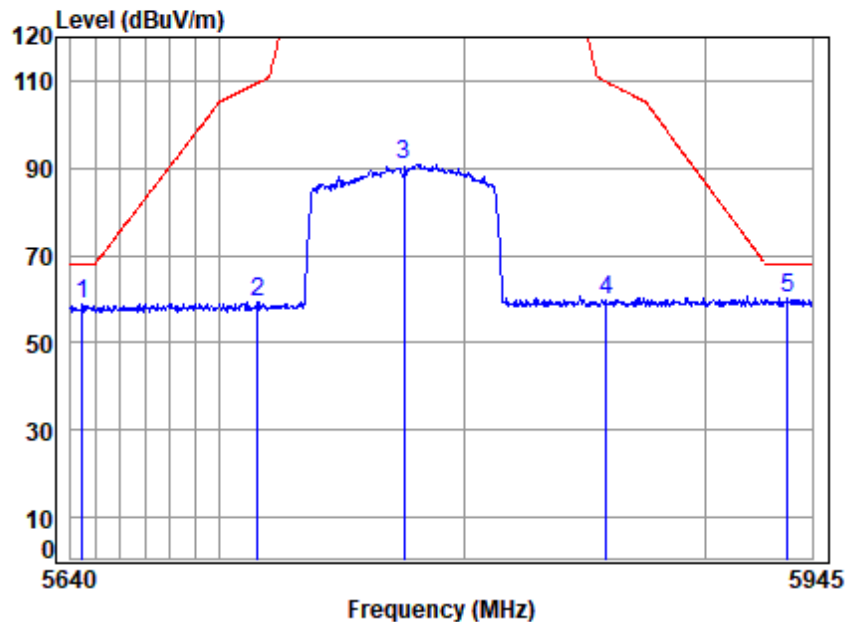
Job No : 01476AT

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	89.39	103.20	-----	-----	peak
2	5850.000	10.95	33.60	30.56	44.94	58.93	122.20	-63.27	peak
3	5860.000	10.94	33.58	30.56	45.75	59.71	109.40	-49.69	peak
4 pp	5944.390	10.85	33.59	30.52	47.09	61.01	68.20	-7.19	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

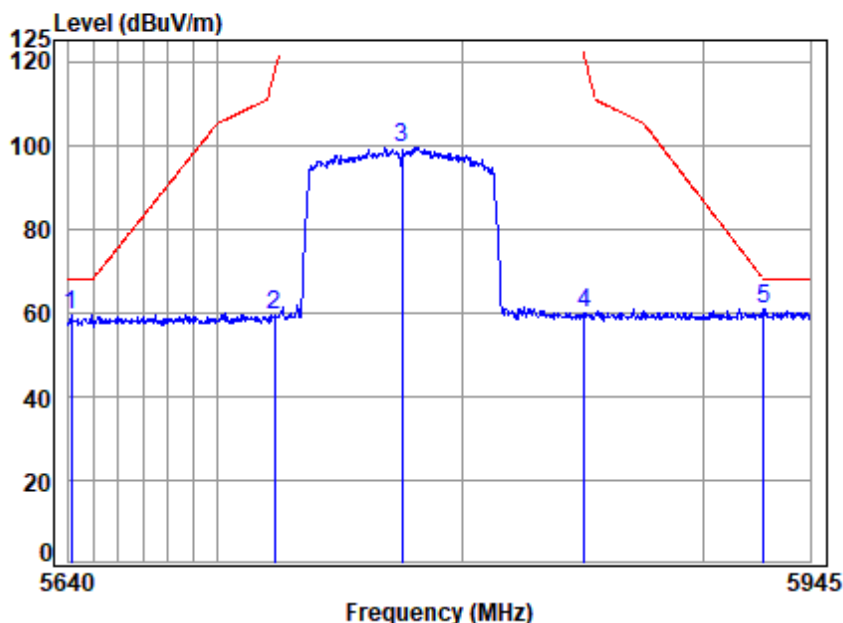
Mode : 5775 Band edge

: 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	5644.458	10.48	33.09	30.64	45.72	58.65	68.20	-9.55 Peak
2	5715.353	10.63	33.23	30.61	46.23	59.48	109.50	-50.02 peak
3	5775.000	10.91	33.35	30.59	77.16	90.83	-----	----- peak
4	5858.592	10.94	33.58	30.56	45.96	59.92	109.79	-49.87 peak
5 pp	5934.677	10.86	33.57	30.53	46.50	60.40	68.20	-7.80 peak



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



Condition: 3m VERTICAL

Job No : 01476AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

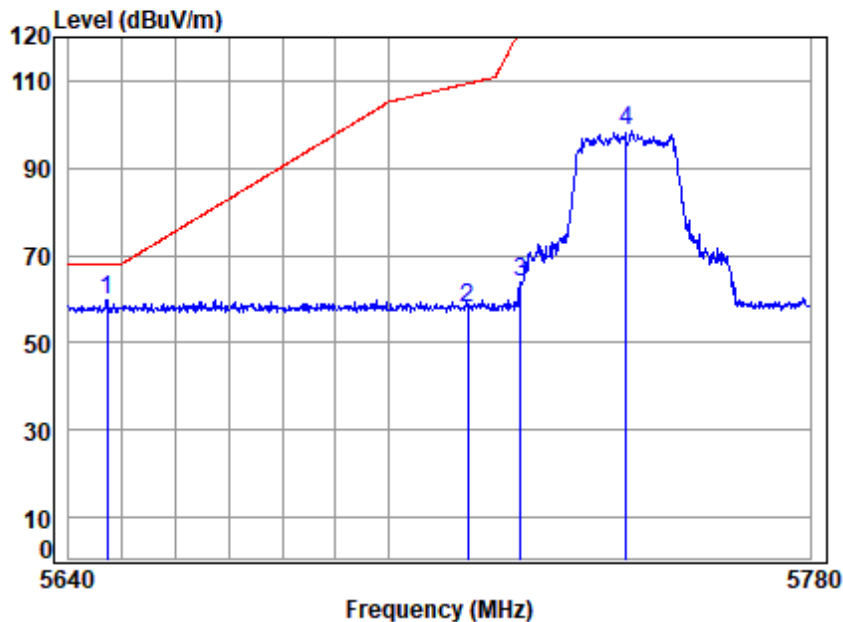
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5640.891	10.47	33.08	30.64	46.45	59.36	68.20	-8.84 Peak
2 5723.184	10.67	33.25	30.61	46.24	59.55	118.06	-58.51 peak
3 5775.000	10.91	33.35	30.59	85.72	99.39	-----	----- peak
4 5850.575	10.95	33.60	30.56	46.10	60.09	120.89	-60.80 Peak
5 pp 5925.307	10.87	33.55	30.53	46.81	60.70	68.20	-7.50 peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

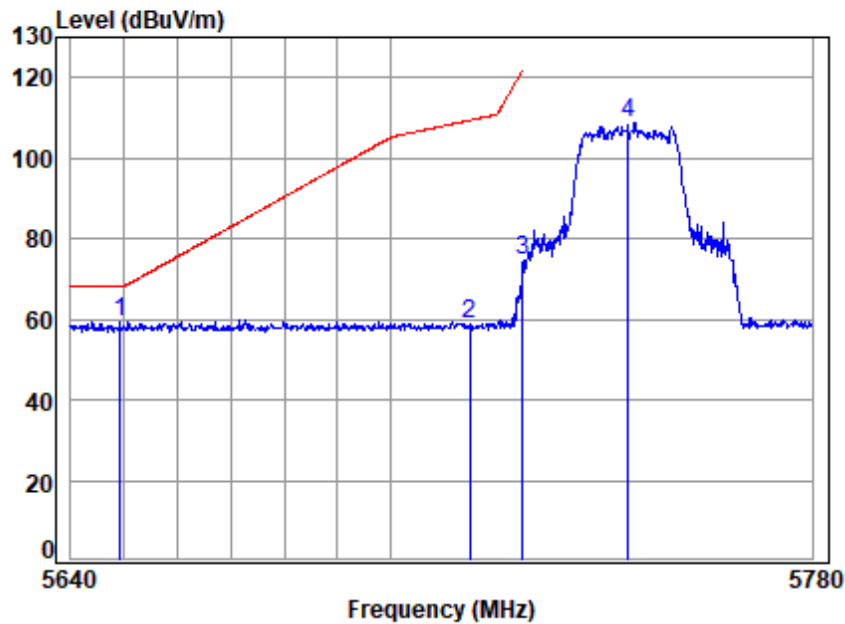
Mode : 5745 Band edge

: 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	5647.196	10.48	33.09	30.64	46.96	59.89	68.20	-8.31	peak
2	5715.000	10.63	33.23	30.61	44.72	57.97	109.40	-51.43	peak
3	5725.000	10.68	33.25	30.61	50.45	63.77	122.20	-58.43	peak
4	5745.000	10.77	33.29	30.60	84.93	98.39	-----	-----	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

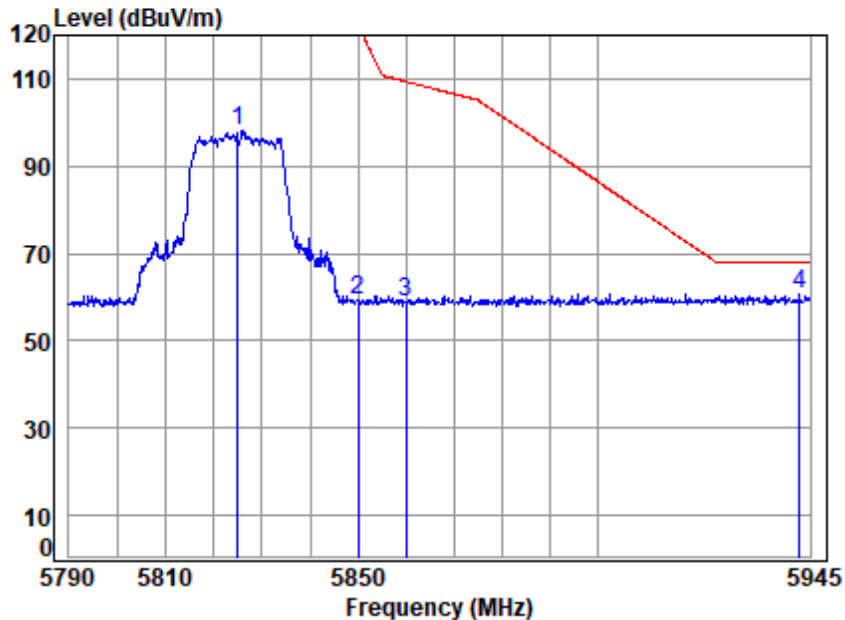
Mode : 5745 Band edge

: 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	5649.273	10.48	33.10	30.64	46.29	59.23	68.20	-8.97	peak
2	5715.000	10.63	33.23	30.61	45.65	58.90	109.40	-50.50	peak
3	5725.000	10.68	33.25	30.61	61.42	74.74	122.20	-47.46	peak
4	5745.000	10.77	33.29	30.60	95.37	108.83	-----	-----	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

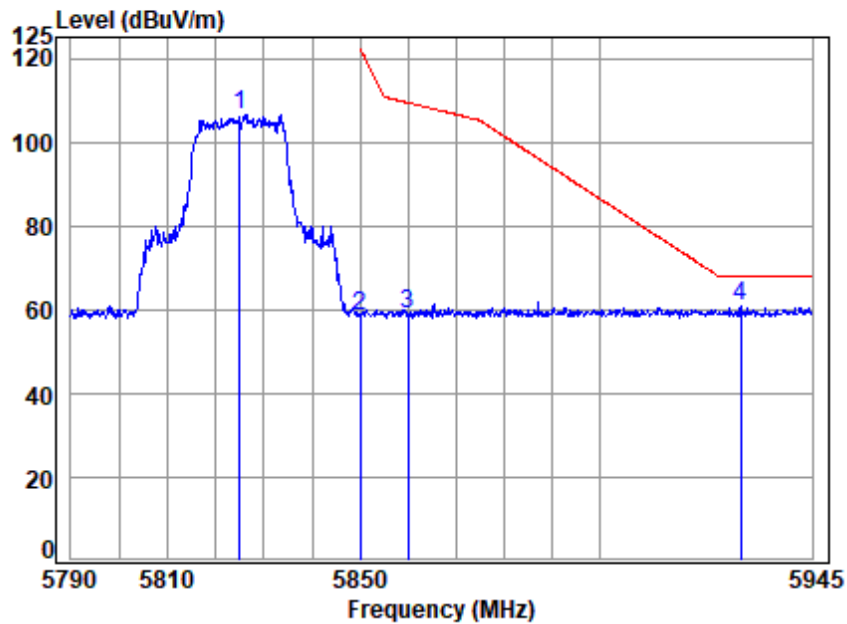
Mode : 5825 Band edge

: 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	84.14	98.06	-----	-----	peak
5850.000	10.95	33.60	30.56	45.45	59.44	122.20	-62.76	peak
5860.000	10.94	33.58	30.56	44.92	58.88	109.40	-50.52	peak
5942.802	10.86	33.59	30.52	46.76	60.69	68.20	-7.51	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

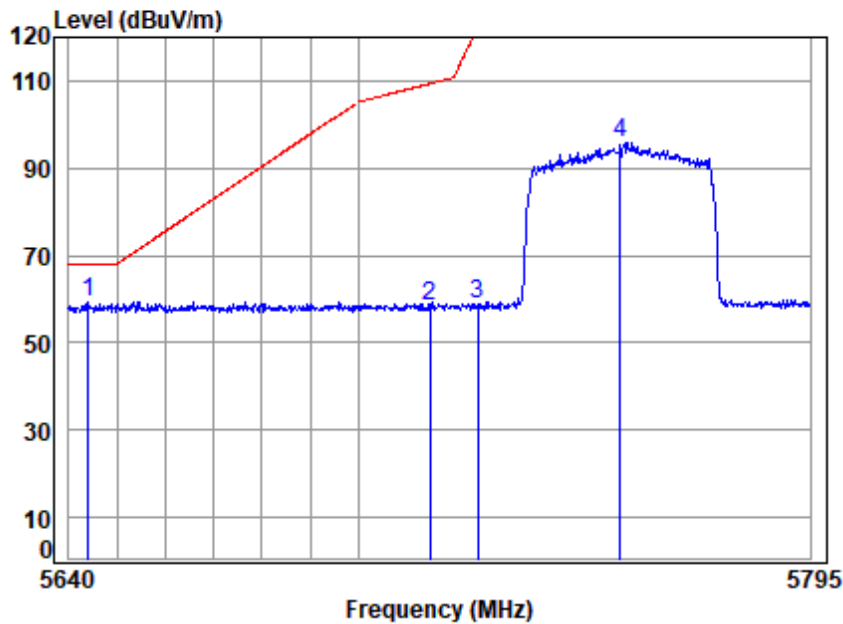
Mode : 5825 Band edge

: 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	92.75	106.67	-----	-----	peak
2	5850.000	10.95	33.60	30.56	44.56	58.55	122.20	-63.65	peak
3	5860.000	10.94	33.58	30.56	45.20	59.16	109.40	-50.24	peak
4 pp	5929.942	10.87	33.56	30.53	46.88	60.78	68.20	-7.42	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

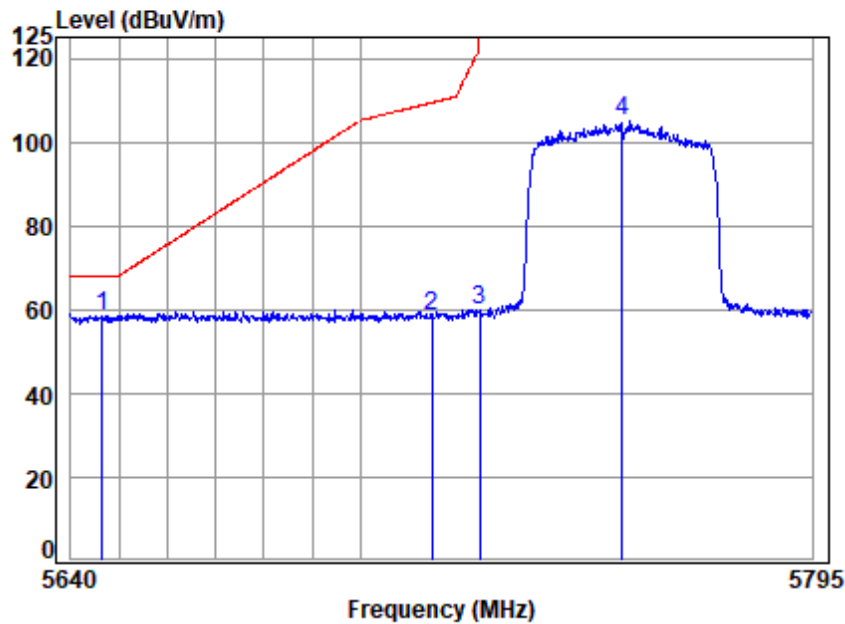
Mode : 5755 Band edge

: 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 5644.130	10.48	33.09	30.64	46.54	59.47	68.20	-8.73	peak
2 5715.000	10.63	33.23	30.61	44.97	58.22	109.40	-51.18	peak
3 5725.000	10.68	33.25	30.61	45.39	58.71	122.20	-63.49	peak
4 5755.000	10.81	33.31	30.60	82.20	95.72	-----	-----	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

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	5646.579	10.48	33.09	30.64	45.59	58.52	68.20	-9.68 peak
2	5715.000	10.63	33.23	30.61	45.14	58.39	109.40	-51.01 peak
3	5725.000	10.68	33.25	30.61	46.63	59.95	122.20	-62.25 peak
4	5755.000	10.81	33.31	30.60	91.48	105.00	-----	----- peak



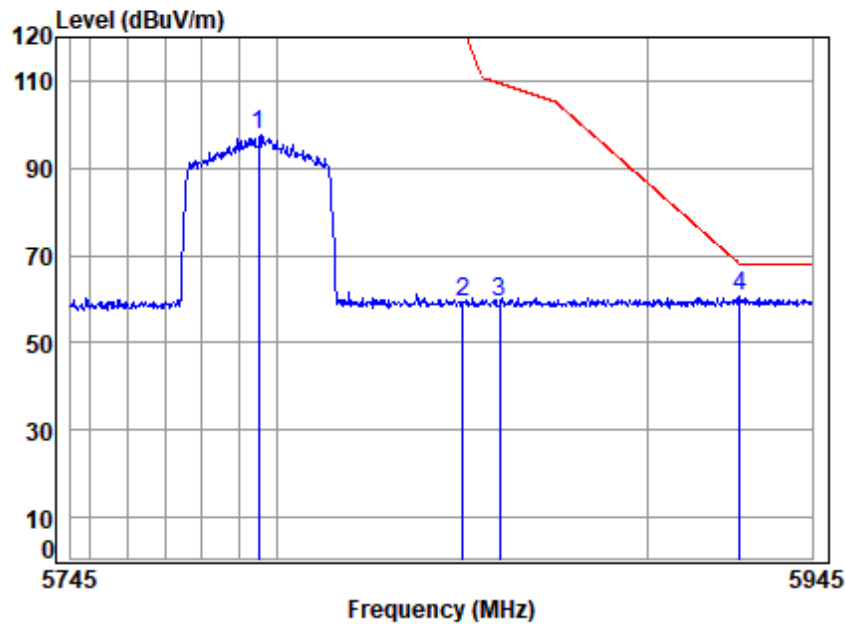
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU); Bandwidth:40MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 01476AT

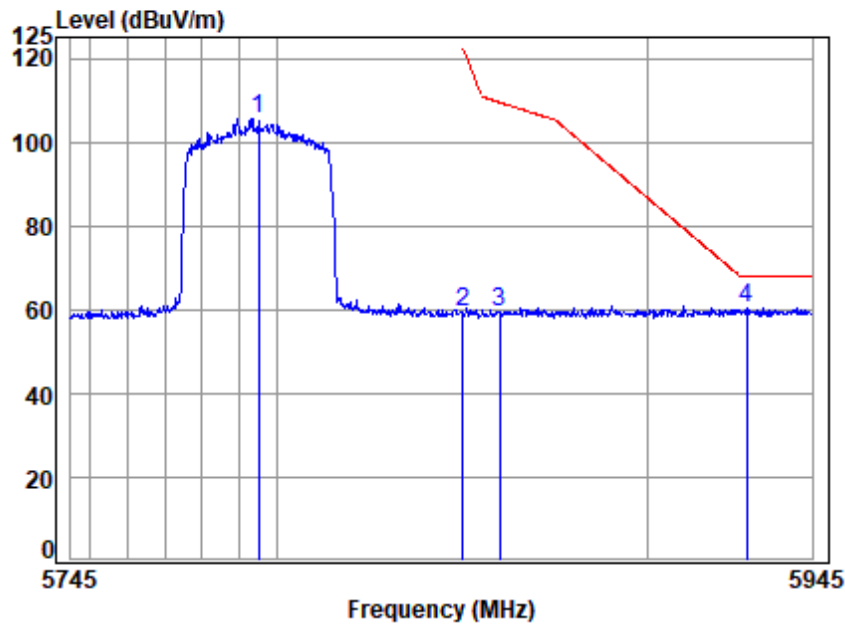
Mode : 5795 Band edge

: 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	83.99	97.80	-----	-----	peak
2	5850.000	10.95	33.60	30.56	45.14	59.13	122.20	-63.07	peak
3	5860.000	10.94	33.58	30.56	45.49	59.45	109.40	-49.95	peak
4 pp	5925.096	10.87	33.55	30.53	46.80	60.69	68.20	-7.51	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

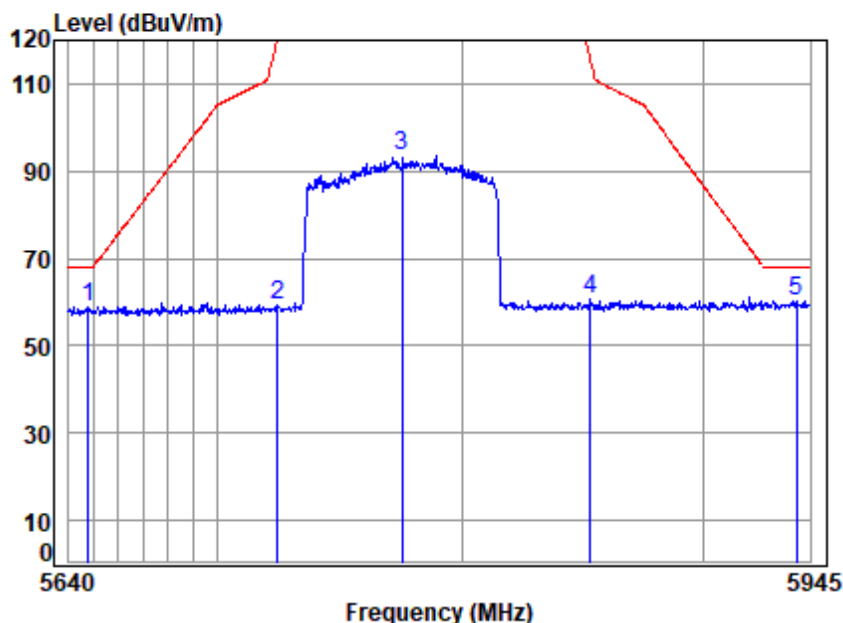
Mode : 5795 Band edge

: 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	91.77	105.58	-----	-----	peak
2	5850.000	10.95	33.60	30.56	45.46	59.45	122.20	-62.75	peak
3	5860.000	10.94	33.58	30.56	45.42	59.38	109.40	-50.02	peak
4 pp	5927.124	10.87	33.55	30.53	46.48	60.37	68.20	-7.83	peak



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



Condition: 3m HORIZONTAL

Job No : 01476AT

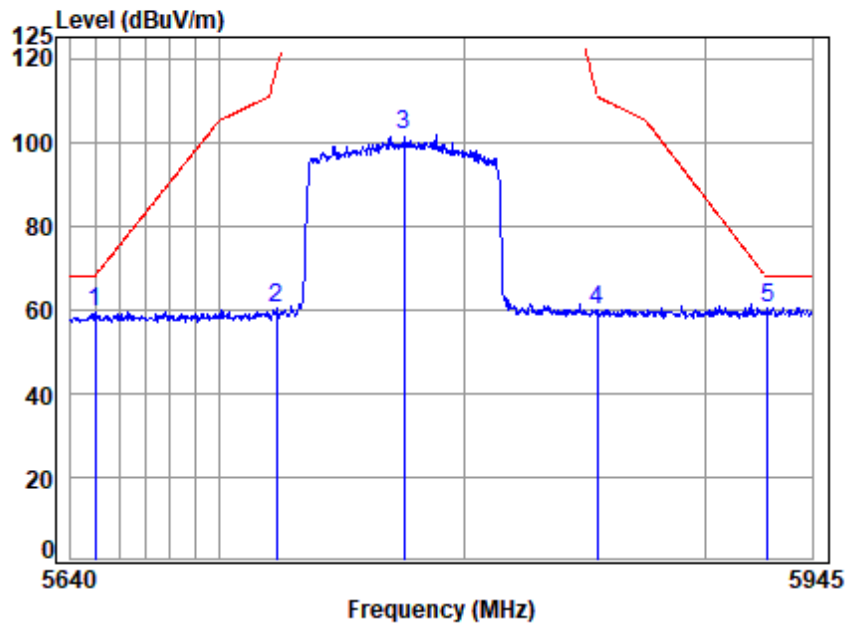
Mode : 5775 Band edge

: 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	5648.026	10.48	33.10	30.64	45.78	58.72	68.20	-9.48	Peak
2	5724.390	10.67	33.25	30.61	46.09	59.40	120.81	-61.41	peak
3	5775.000	10.91	33.35	30.59	79.94	93.61	-----	-----	peak
4	5853.041	10.95	33.59	30.56	46.75	60.73	115.27	-54.54	peak
5 pp	5939.367	10.86	33.58	30.52	46.40	60.32	68.20	-7.88	peak



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



Condition: 3m VERTICAL

Job No : 01476AT

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 5649.811	10.48	33.10	30.64	46.23	59.17	68.20	-9.03 Peak
2 5722.883	10.67	33.25	30.61	46.95	60.26	117.37	-57.11 peak
3 5775.000	10.91	33.35	30.59	88.26	101.93	-----	----- peak
4 5854.890	10.95	33.59	30.56	46.01	59.99	111.05	-51.06 peak
5 pp 5926.244	10.87	33.55	30.53	46.66	60.55	68.20	-7.65 peak



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7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2504001476AT

8 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2504001476AT

- End of the Report -

