TEST REPORT

Application No.:	SZCR2501000095AT
Applicant:	Grandstream Networks, Inc.
Address of Applicant:	126 Brookline Ave., 3rd Floor, Boston, Massachusetts 02215 United States
Manufacturer:	Grandstream Networks, Inc.
Address of Manufacturer:	126 Brookline Ave., 3rd Floor, Boston, Massachusetts 02215 United States
Equipment Under Test (EUT):	
EUT Name:	Long-Range Dual-band Wi-Fi 7 Access Point/Bridge
Model No.:	GWN7670LR
Trade Mark:	GRANDSTREAM
FCC ID:	YZZGWN7670LR
Standard(s) :	47 CFR Part 15, Subpart E 15.407
Date of Receipt:	2025-01-07
Date of Test:	2025-01-16 to 2025-05-29
Date of Issue:	2025-06-04
Test Result:	**Pass***

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

Keny Xu
EMC Laboratory Manager

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Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		*2025-06-04*		*Original*

Authorized for issue by:				
		Calvin Weng **Calvin Weng/Project Engineer**		
		Eric Fu **Eric Fu/Reviewer**		

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2 Test Summary

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

Radio Spectrum Matter Part				
Item	**Standard**	**Method**	**Requirement**	**Result**
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Maximum Conducted output power		ANSI C63.10 (2013) Section 12.3	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2013) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
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
Duty Cycle		ANSI C63.10 (2013) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2013) Section 12.4.2	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2013) Section 12.4.1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2013) Section 6.9.2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Peak Power spectrum density		ANSI C63.10 (2013) Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass
Transmitter Power Control		ANSI C63.10 (2013) Section 12.3	47 CFR Part 15, Subpart E 15.407 (h)(1)	Pass

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4 General Information

4.1 Details of E.U.T.

Power supply:	Powered by POE DC48V
Cable Loss (for RF conducted test):	1.5dB
Operation Frequency / Number of channels (20MHz):	U-NII-1:5180-5240MHz (4 Channels) U-NII-2A: 5260-5320MHz (4 Channels) U-NII-2C: 5500-5720MHz (12 Channels) U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency / Number of channels(40MHz):	U-NII-1:5190-5230MHz (2 Channels) U-NII-2A: 5270-5310MHz (2 Channels) U-NII-2C: 5510-5710MHz (6 Channels) U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency / Number of channels (80MHz):	U-NII-1:5210MHz (1 Channel) U-NII-2A: 5290MHz (1 Channel) U-NII-2C: 5530-5690MHz (3 Channels) U-NII-3: 5775MHz (1 Channel)
Operation Frequency / Number of channels (160MHz):	U-NII-1/2A:5250MHz (1 Channel) U-NII-2C: 5570MHz (1 Channel)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM); 802.11be: OFDMA with enhancements (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Channel Spacing:	802.11a/n/ac/ax/be 20: 20MHz; 802.11n/ac/ax/be 40: 40MHz; 802.11ac/ax/be 80: 80MHz;802.11ac/ax/be 160: 320MHz
DFS Function:	Master
TPC Function:	Support TPC function
Antenna Type:	Internal Antenna; External Antenna
Antenna Gain:	Internal Antenna: ant1: 13.56dBi, ant2: 13.56dBi; External Antenna: ant1: 3.5dBi, ant2: 3.5dBi

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4.2 Description of Support Units

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

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4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Maximum Conducted output power	± 0.75dB
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz);± 4.8dB (18-40GHz)
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
Duty Cycle	± 0.37%
99% Bandwidth	± 3%
26dB Emission bandwidth	± 3%
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	± 3%
Peak Power spectrum density	± 2.84dB
Frequency Stability	± 7.25 x 10-8
Transmitter Power Control	± 0.75dB

Remark:
The U_{lab} (lab Uncertainty) is less than $U_{cispr/ETSI}$ (CISPR/ETSI Uncertainty), so the test results
– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

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4.4 Test Location

All tests were performed at:

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No 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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

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5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2022-05-08 2025-05-07	2025-05-07 2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2024-03-04 2025-03-03	2025-03-03 2026-03-02

Radiated Emissions (Below 1GHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2023-11-20	2025-11-19
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2024-03-04 2025-03-03	2025-03-03 2026-03-02
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2024-07-06	2025-07-05

Radiated Emissions (Above 1GHz)					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-05-08 2025-05-07	2025-05-07 2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2024-03-04 2025-03-03	2025-03-03 2026-03-02
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2024-09-14	2025-09-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2024-07-06	2025-07-05

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Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2024-08-10	2025-08-09
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2024-03-22 2025-03-21	2025-03-21 2026-03-20

Radiated Emissions which fall in the restricted bands					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-05-08 2025-05-07	2025-05-07 2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2024-03-04 2025-03-03	2025-03-03 2026-03-02
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2024-09-14	2025-09-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2024-07-06	2025-07-05

RF Conducted Test					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9010B	SEM004-27	2024-09-14	2025-09-13
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2024-07-06	2025-07-05
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2024-03-04 2025-03-03	2025-03-03 2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2024-02-27 2025-02-26	2025-02-26 2026-02-25

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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	2024-03-04 2025-03-03	2025-03-03 2026-03-02

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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

15.203 requirement:

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

EUT Antenna:

For internal antenna, the antenna is integrated inside the product and no consideration of replacement. For external antenna, it's RP-SMA antenna. The best case gain of the antenna are Internal Antenna: ant1: 13.56dBi, ant2: 13.56dBi, directional gain: 13.56dBi; External Antenna: ant1: 3.5dBi, ant2: 3.5dBi, directional gain: 3.5dBi

Antenna location: Refer to internal photos

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6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

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

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

EUT Details:

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

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7 Radio Spectrum Matter Test Results

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

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

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 44.5 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Pre-scan	04	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Pre-scan	05	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Pre-scan	06	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.

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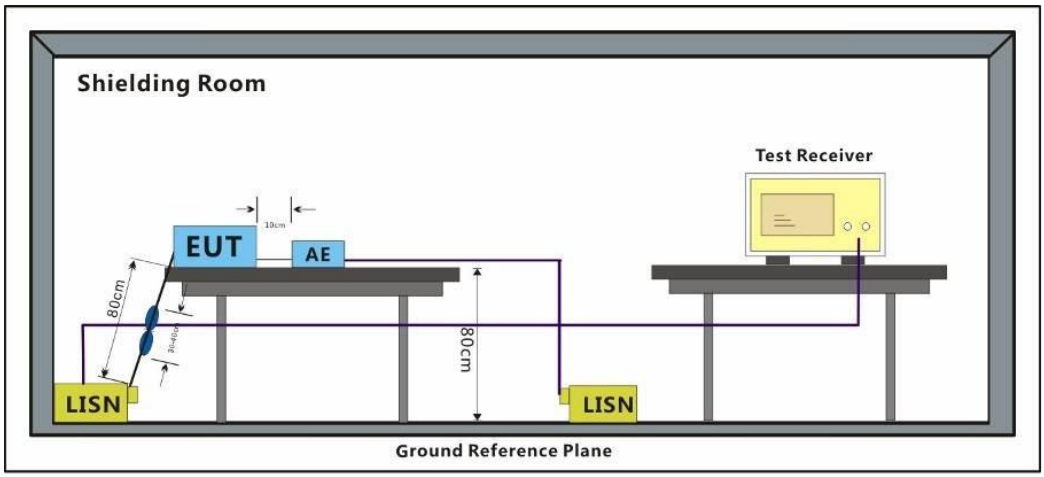
7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

1) The mains terminal disturbance voltage test was conducted in a shielded room.

2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

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

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

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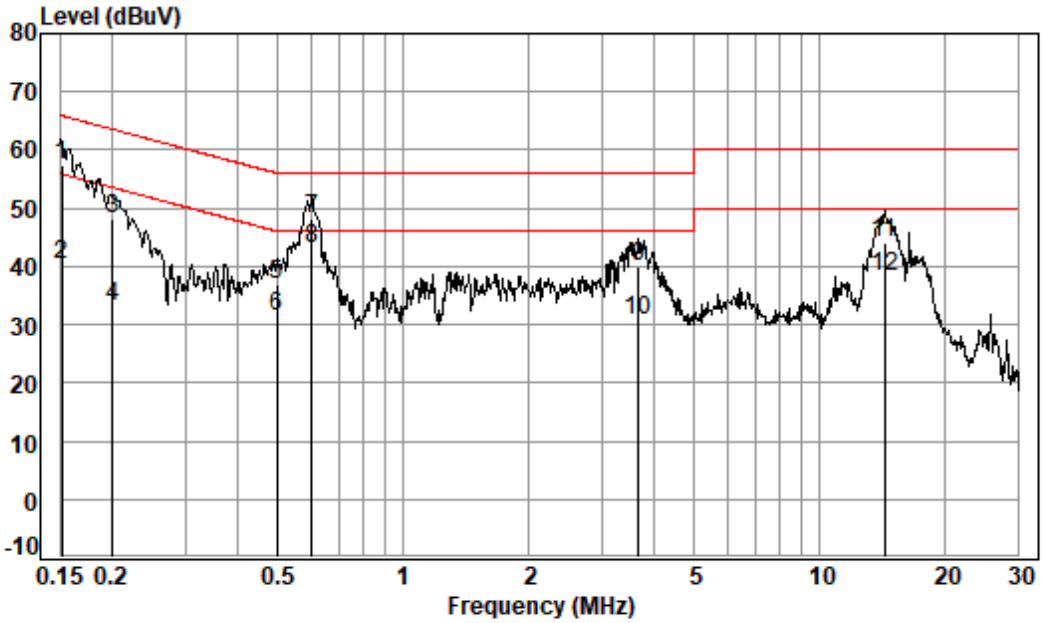
Test Mode: 03; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 00095AT
Test mode: 03

		Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1		0.1516	0.06	10.19	47.16	57.41	65.91	-8.50	QP
2		0.1516	0.06	10.19	30.18	40.43	55.91	-15.48	Average
3		0.2007	0.06	10.12	38.15	48.33	63.58	-15.25	QP
4		0.2007	0.06	10.12	23.04	33.22	53.58	-20.36	Average
5		0.4967	0.08	9.54	27.35	36.97	56.05	-19.08	QP
6		0.4967	0.08	9.54	21.86	31.48	46.05	-14.57	Average
7	*	0.6043	0.08	9.60	38.66	48.34	56.00	-7.66	QP
8	*	0.6043	0.08	9.60	33.27	42.95	46.00	-3.05	Average
9		3.6611	0.11	9.65	30.26	40.02	56.00	-15.98	QP
10		3.6611	0.11	9.65	20.95	30.71	46.00	-15.29	Average
11		14.2882	0.25	9.89	33.77	43.91	60.00	-16.09	QP
12		14.2882	0.25	9.89	28.21	38.35	50.00	-11.65	Average

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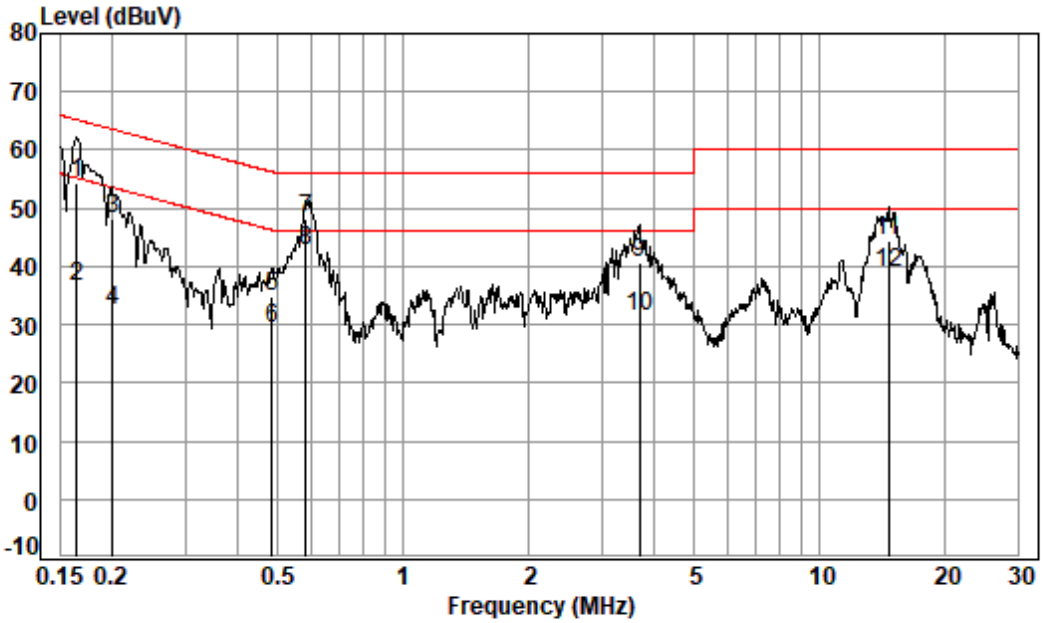
Test Mode: 03; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 00095AT
Test mode: 03

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1650	0.06	10.13	44.11	54.30	65.21	-10.91	QP
2	0.1650	0.06	10.13	26.50	36.69	55.21	-18.52	Average
3	0.2007	0.06	10.08	38.15	48.29	63.58	-15.29	QP
4	0.2007	0.06	10.08	22.13	32.27	53.58	-21.31	Average
5	0.4837	0.08	9.71	24.99	34.78	56.27	-21.49	QP
6	0.4837	0.08	9.71	19.62	29.41	46.27	-16.86	Average
7 *	0.5854	0.08	9.68	38.55	48.31	56.00	-7.69	QP
8 *	0.5854	0.08	9.68	32.97	42.73	46.00	-3.27	Average
9	3.6806	0.11	9.55	30.95	40.61	56.00	-15.39	QP
10	3.6806	0.11	9.55	21.65	31.31	46.00	-14.69	Average
11	14.5942	0.26	9.83	34.28	44.37	60.00	-15.63	QP
12	14.5942	0.26	9.83	28.82	38.91	50.00	-11.09	Average

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7.2 Maximum Conducted output power

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

Test Method: ANSI C63.10 (2013) Section 12.3

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. For an outdoor access point operating in the band 5.15–5.25 GHz, The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.6 °C Humidity: 52.3 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. 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. Only the data of worst case is recorded in the report.

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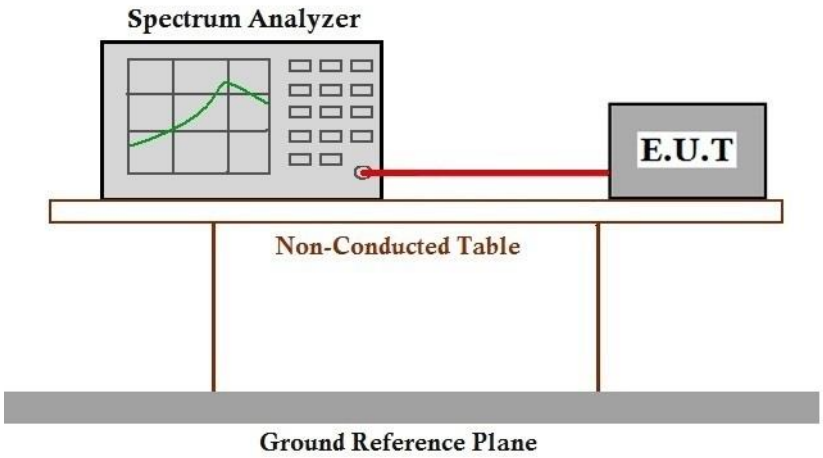
7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2013) Section 6.4,6.5
Measurement Distance: 3m

Limit:

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

7.3.1 E.U.T. Operation

Operating Environment:
Temperature: 21.2 °C Humidity: 46.9 % RH Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Pre-scan	05	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Pre-scan	06	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.

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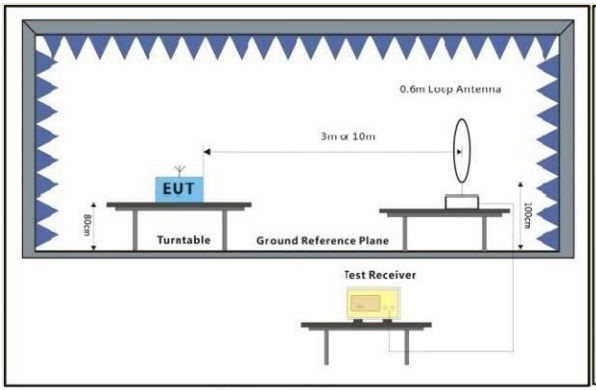
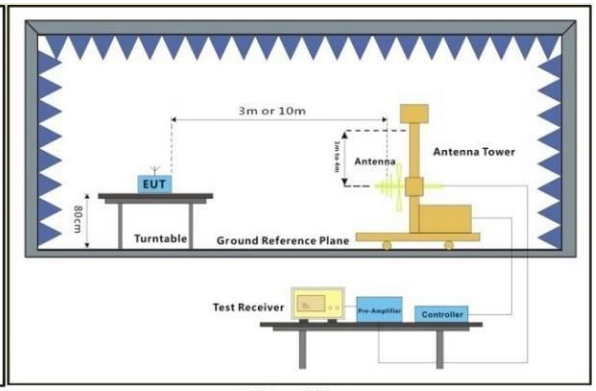
7.3.3 Test Setup Diagram



Below 30MHz



30MHz-1GHz

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7.3.4 Measurement Procedure and Data

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

b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

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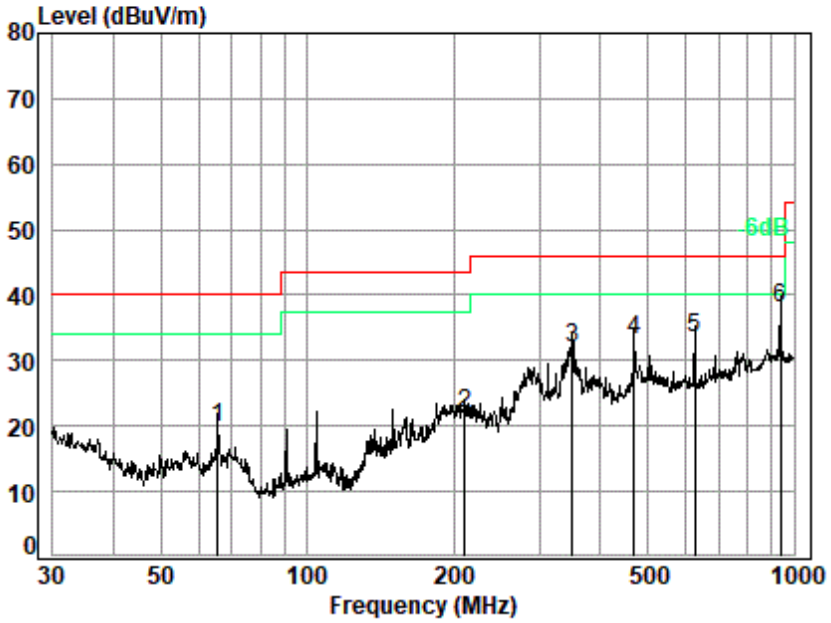
Test Mode: 04; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00095AT
Test Mode: 04

	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	65.343	11.00	0.99	27.69	35.60	19.90	40.00	-20.10	QP
2	210.786	14.78	1.82	27.12	32.40	21.88	43.50	-21.62	QP
3	350.477	19.94	2.41	26.96	36.59	31.98	46.00	-14.02	QP
4	468.876	22.12	2.82	27.44	35.53	33.03	46.00	-12.97	QP
5	625.078	25.06	3.32	27.91	32.88	33.35	46.00	-12.65	QP
6 q	938.833	28.15	4.22	26.49	32.09	37.97	46.00	-8.03	QP

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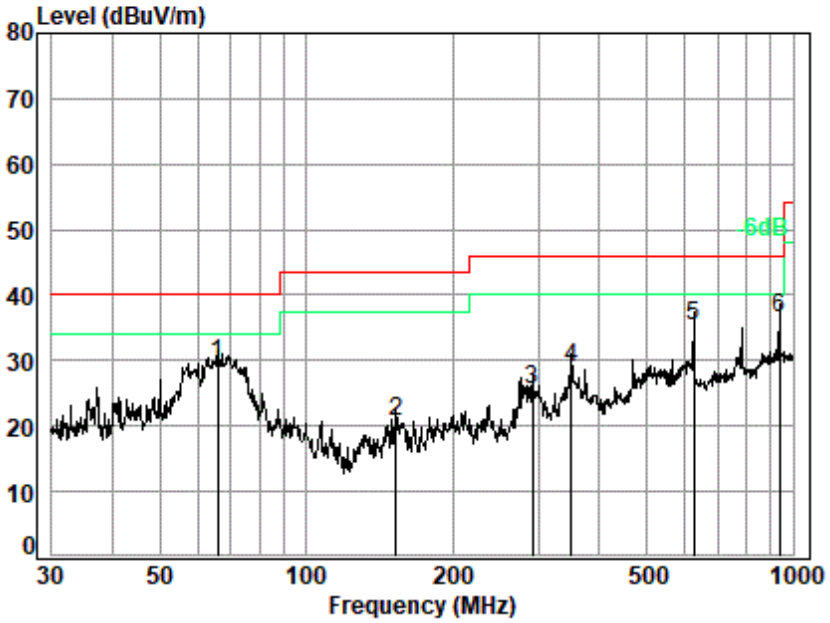
Test Mode: 04; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00095AT
Test Mode: 04

	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	65.803	10.95	0.99	27.69	45.33	29.58	40.00	-10.42	QP
2	153.200	13.39	1.55	27.37	33.06	20.63	43.50	-22.87	QP
3	291.036	17.12	2.17	26.79	33.13	25.63	46.00	-20.37	QP
4	350.477	19.94	2.41	26.96	33.55	28.94	46.00	-17.06	QP
5	625.078	25.06	3.32	27.91	34.85	35.32	46.00	-10.68	QP
6 q	938.833	28.15	4.22	26.49	30.74	36.62	46.00	-9.38	QP

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7.4 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.

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7.4.1 E.U.T. Operation

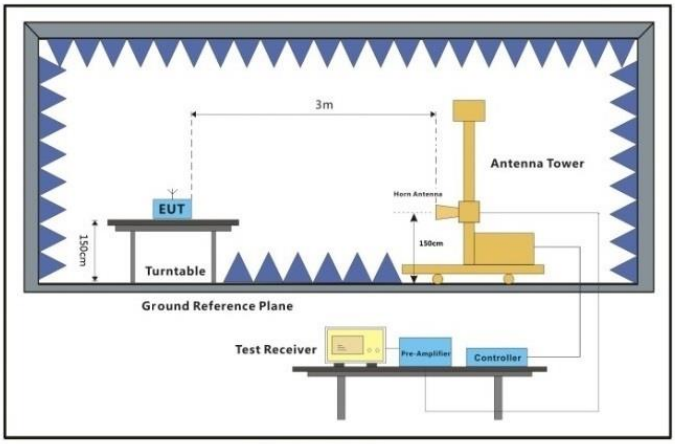
Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. 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. Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



Above 1GHz

7.4.4 Measurement Procedure and Data

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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 ≥1/T (Duty cycle＜98%) or 10Hz (Duty cycle≥98%) for Average detection (AV) at frequency above 1GHz.

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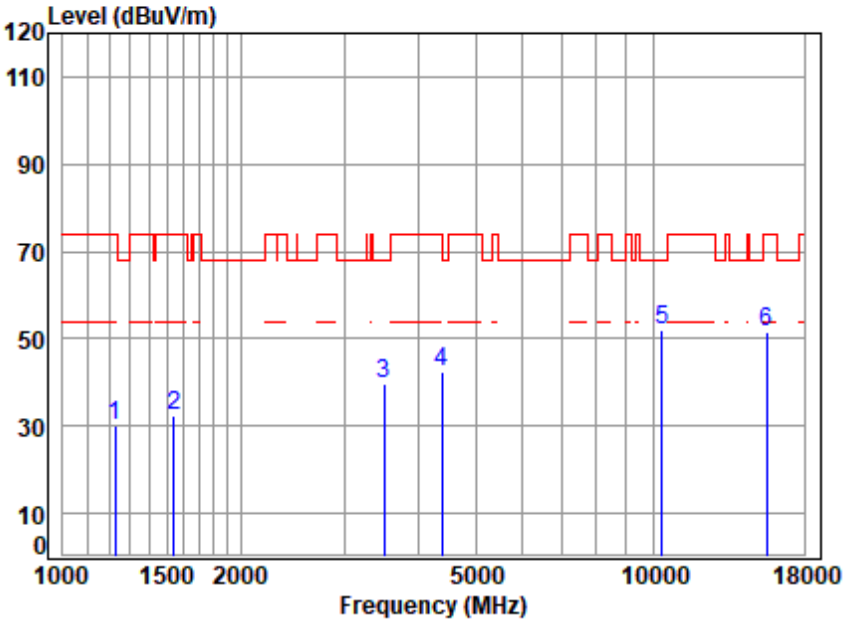
External antenna path:

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.36	30.18	74.00	-43.82	peak
2	1542.733	4.10	26.97	54.79	56.34	32.62	74.00	-41.38	peak
3	3495.691	6.52	31.62	54.63	56.00	39.51	68.20	-28.69	peak
4	4379.699	7.11	34.64	54.26	55.02	42.51	74.00	-31.49	peak
5	p10360.000	11.14	37.10	53.13	57.12	52.23	68.20	-15.97	peak
6	15540.000	13.79	41.10	52.16	49.02	51.75	74.00	-22.25	peak

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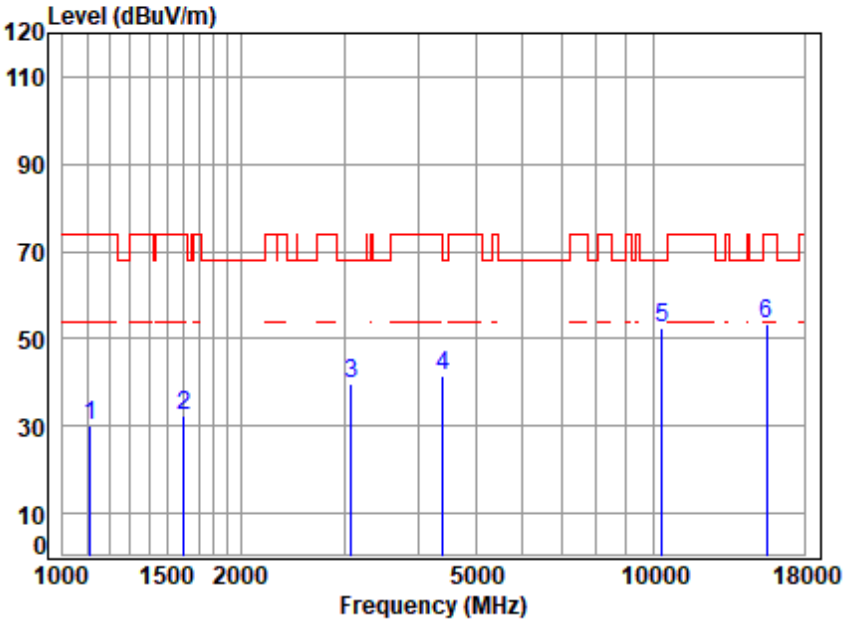
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1112.872	3.56	23.75	54.65	57.42	30.08	74.00	-43.92	peak
2	1601.804	4.19	26.78	54.80	56.40	32.57	74.00	-41.43	peak
3	3078.229	6.15	30.99	54.94	57.72	39.92	68.20	-28.28	peak
4	4405.090	7.14	34.74	54.26	54.08	41.70	68.20	-26.50	peak
5	p10360.000	11.14	37.10	53.13	57.15	52.26	68.20	-15.94	peak
6	15540.000	13.79	41.10	52.16	50.85	53.58	74.00	-20.42	peak

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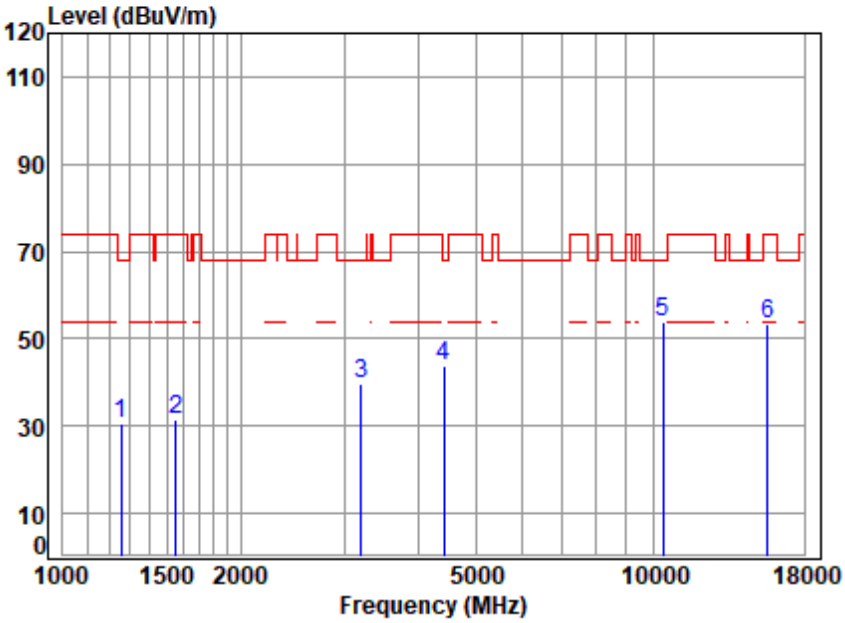
Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.76	25.06	54.70	56.54	30.66	68.20	-37.54	peak
2	1551.677	4.12	26.99	54.79	55.31	31.63	74.00	-42.37	peak
3	3196.094	6.25	32.87	54.85	55.46	39.73	68.20	-28.47	peak
4	4417.841	7.16	34.59	54.26	56.49	43.98	68.20	-24.22	peak
5	p10400.000	11.20	37.10	53.12	58.70	53.88	68.20	-14.32	peak
6	15600.000	13.86	41.10	52.11	50.35	53.20	74.00	-20.80	peak

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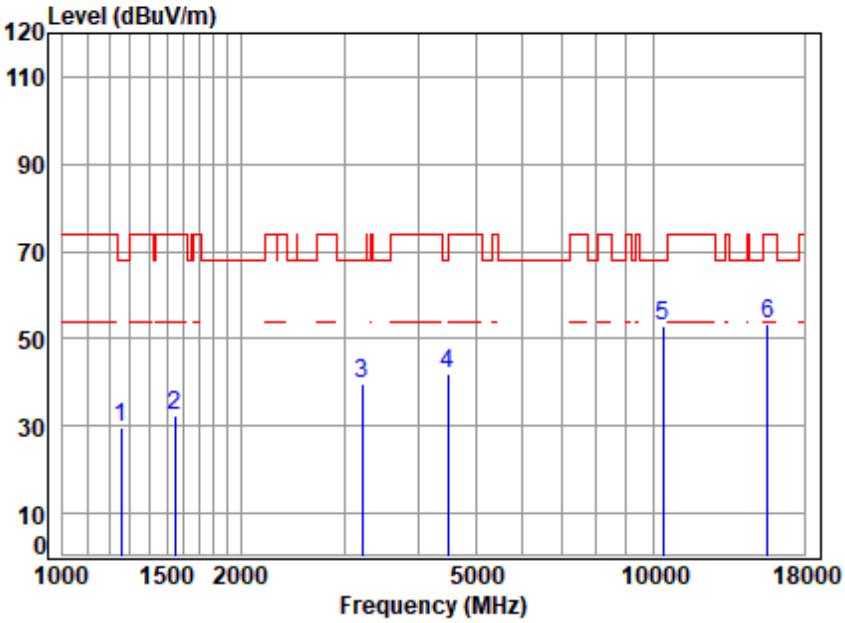
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.76	25.06	54.70	55.73	29.85	68.20	-38.35	peak
2	1547.199	4.11	26.99	54.79	56.21	32.52	74.00	-41.48	peak
3	3214.623	6.27	32.67	54.83	55.78	39.89	68.20	-28.31	peak
4	4495.125	7.24	33.66	54.25	55.45	42.10	68.20	-26.10	peak
5	p10400.000	11.20	37.10	53.12	57.52	52.70	68.20	-15.50	peak
6	15600.000	13.86	41.10	52.11	50.63	53.48	74.00	-20.52	peak

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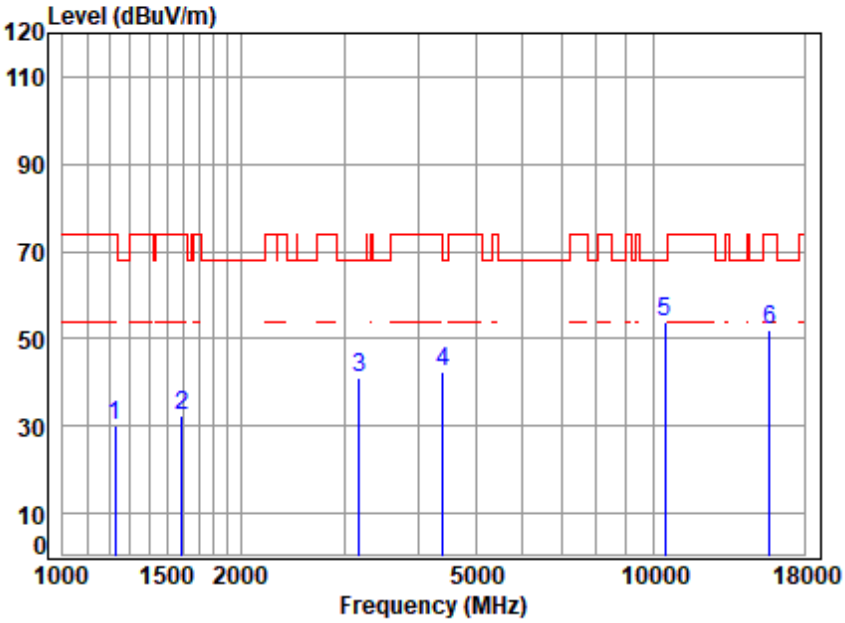
Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.45	30.27	74.00	-43.73	peak
2	1592.571	4.18	26.83	54.80	56.20	32.41	74.00	-41.59	peak
3	3177.672	6.24	32.72	54.86	57.15	41.25	68.20	-26.95	peak
4	4405.090	7.14	34.74	54.26	54.95	42.57	68.20	-25.63	peak
5	p10480.000	11.33	37.26	53.10	58.38	53.87	68.20	-14.33	peak
6	15720.000	14.01	41.22	52.02	48.96	52.17	74.00	-21.83	peak

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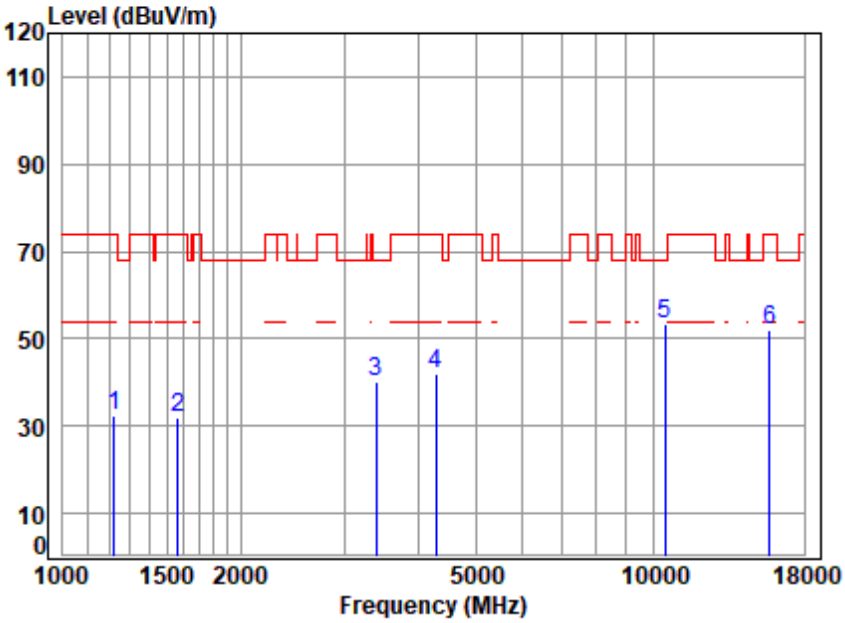
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.71	24.69	54.69	58.47	32.18	74.00	-41.82	peak
2	1565.191	4.14	26.94	54.79	55.59	31.88	74.00	-42.12	peak
3	3396.098	6.43	32.38	54.70	55.87	39.98	68.20	-28.22	peak
4	4291.977	7.01	33.97	54.27	55.42	42.13	74.00	-31.87	peak
5	p10480.000	11.33	37.26	53.10	57.78	53.27	68.20	-14.93	peak
6	15720.000	14.01	41.22	52.02	48.63	51.84	74.00	-22.16	peak

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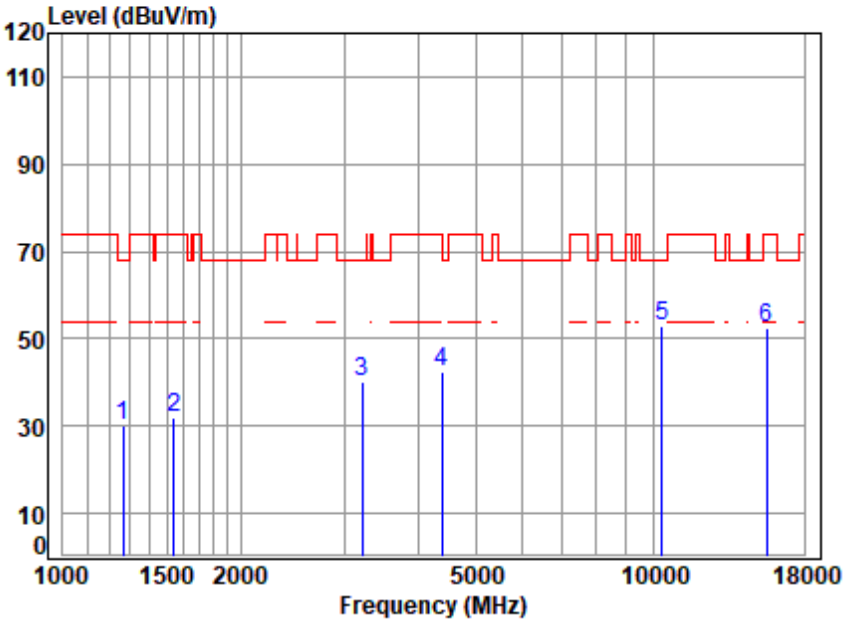
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.77	25.00	54.70	56.08	30.15	68.20	-38.05	peak
2	1542.733	4.10	26.97	54.79	55.63	31.91	74.00	-42.09	peak
3	3214.623	6.27	32.67	54.83	55.84	39.95	68.20	-28.25	peak
4	4379.699	7.11	34.64	54.26	54.80	42.29	74.00	-31.71	peak
5	p10360.000	11.14	37.10	53.13	57.88	52.99	68.20	-15.21	peak
6	15540.000	13.79	41.10	52.16	49.72	52.45	74.00	-21.55	peak

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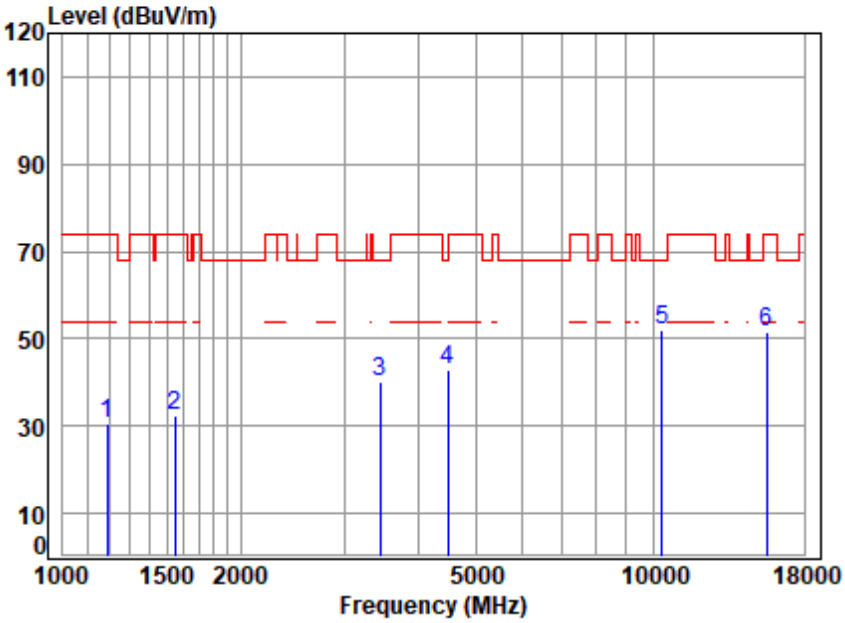
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1189.368	3.67	24.29	54.68	57.45	30.73	74.00	-43.27	peak
2	1547.199	4.11	26.99	54.79	56.21	32.52	74.00	-41.48	peak
3	3445.535	6.47	31.85	54.66	56.65	40.31	68.20	-27.89	peak
4	4495.125	7.24	33.66	54.25	56.15	42.80	68.20	-25.40	peak
5	p10360.000	11.14	37.10	53.13	56.96	52.07	68.20	-16.13	peak
6	15540.000	13.79	41.10	52.16	48.91	51.64	74.00	-22.36	peak

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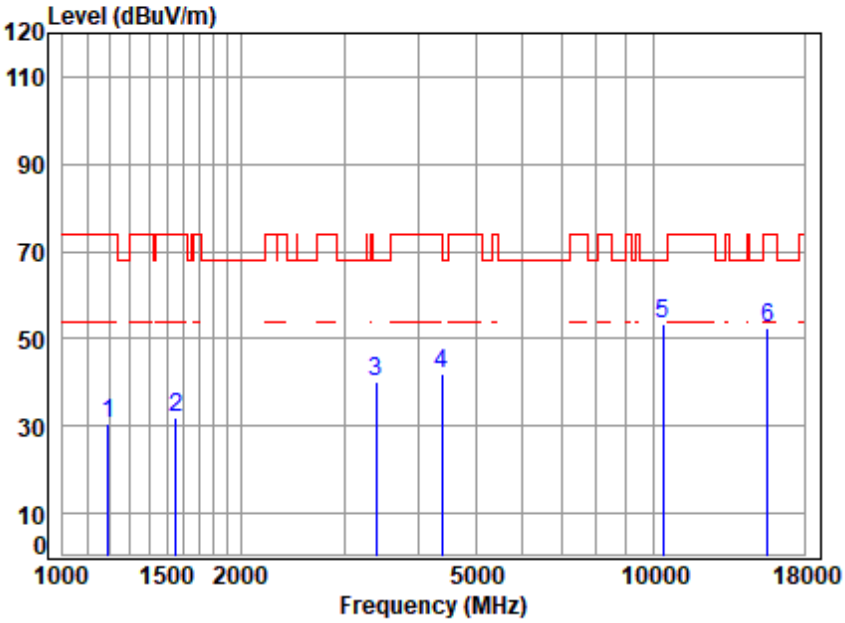
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	3.67	24.33	54.68	57.06	30.38	74.00	-43.62	peak
2	1551.677	4.12	26.99	54.79	55.79	32.11	74.00	-41.89	peak
3	3396.098	6.43	32.38	54.70	55.85	39.96	68.20	-28.24	peak
4	4379.699	7.11	34.64	54.26	54.31	41.80	74.00	-32.20	peak
5	p10400.000	11.20	37.10	53.12	58.37	53.55	68.20	-14.65	peak
6	15600.000	13.86	41.10	52.11	49.69	52.54	74.00	-21.46	peak

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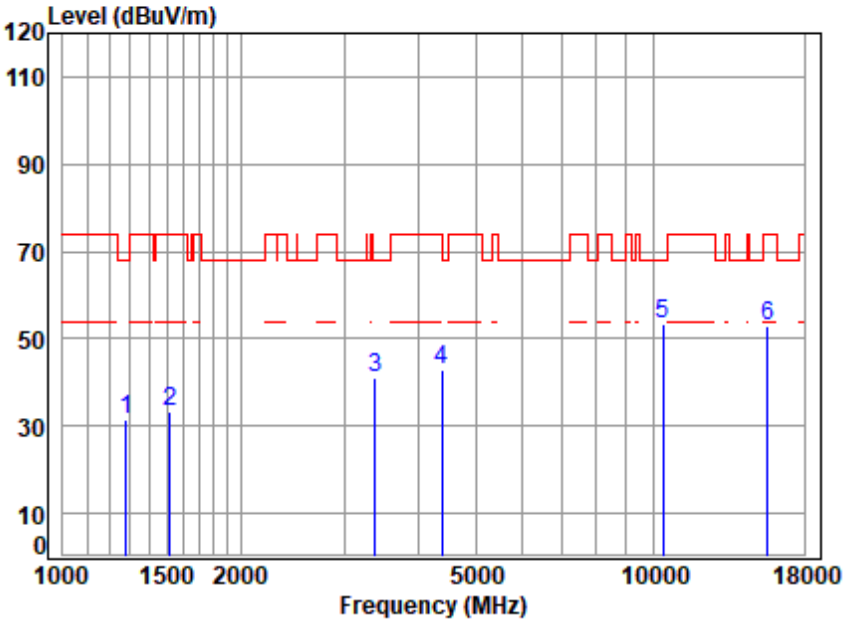
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	3.78	24.93	54.71	57.54	31.54	68.20	-36.66	peak
2	1516.210	4.06	26.86	54.78	57.26	33.40	74.00	-40.60	peak
3	3376.523	6.42	32.26	54.71	57.31	41.28	68.20	-26.92	peak
4	4392.376	7.13	34.74	54.26	55.41	43.02	74.00	-30.98	peak
5	p10400.000	11.20	37.10	53.12	58.38	53.56	68.20	-14.64	peak
6	15600.000	13.86	41.10	52.11	50.29	53.14	74.00	-20.86	peak

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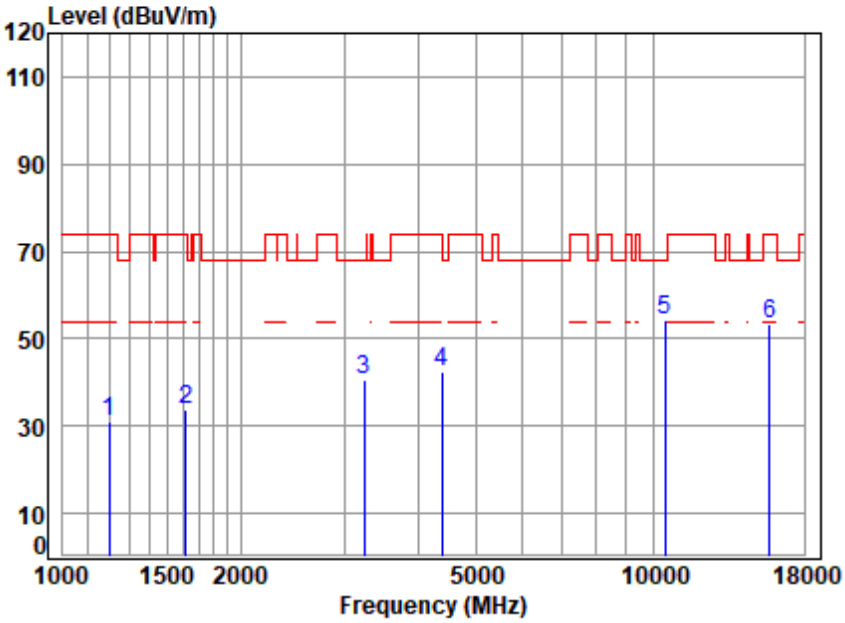
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	3.68	24.36	54.68	57.87	31.23	74.00	-42.77	peak
2	1615.754	4.21	26.64	54.81	57.89	33.93	74.00	-40.07	peak
3	3233.260	6.29	32.37	54.82	56.73	40.57	68.20	-27.63	peak
4	4392.376	7.13	34.74	54.26	54.79	42.40	74.00	-31.60	peak
5	p10480.000	11.33	37.26	53.10	58.78	54.27	68.20	-13.93	peak
6	15720.000	14.01	41.22	52.02	50.08	53.29	74.00	-20.71	peak

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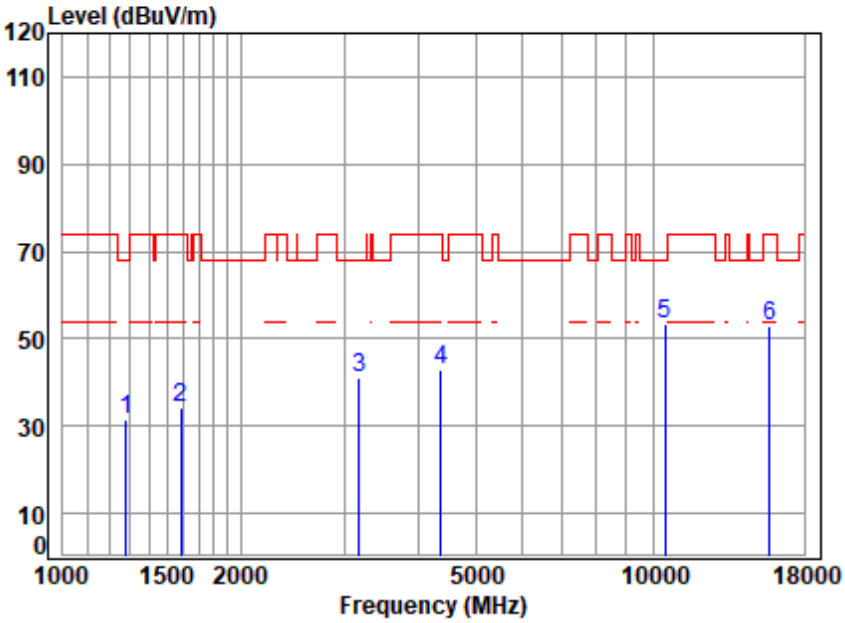
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	57.43	31.42	68.20	-36.78	peak
2	1583.392	4.16	26.87	54.80	57.97	34.20	74.00	-39.80	peak
3	3177.672	6.24	32.72	54.86	56.86	40.96	68.20	-27.24	peak
4	4367.058	7.10	34.54	54.26	55.31	42.69	74.00	-31.31	peak
5	p10480.000	11.33	37.26	53.10	57.84	53.33	68.20	-14.87	peak
6	15720.000	14.01	41.22	52.02	49.70	52.91	74.00	-21.09	peak

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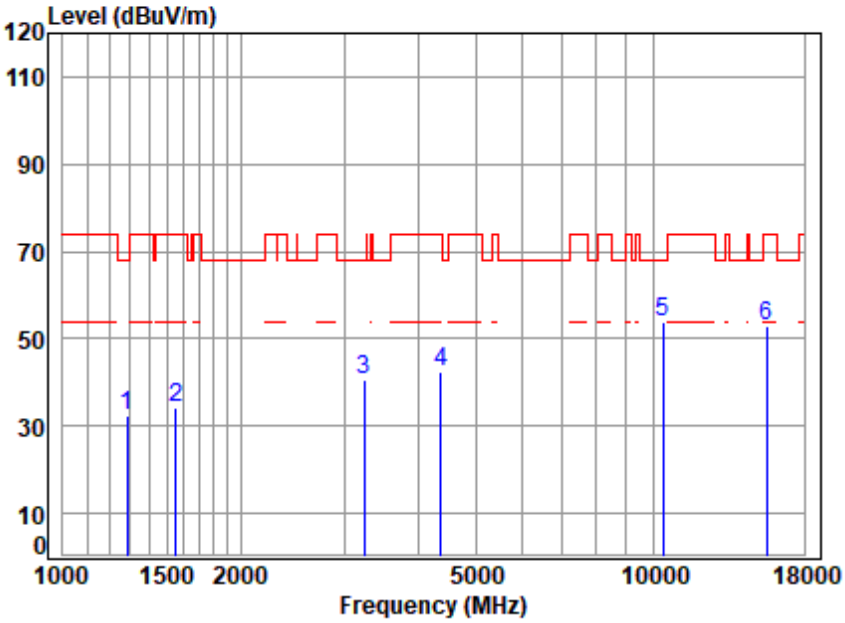
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.79	24.88	54.71	58.24	32.20	68.20	-36.00	peak
2	1556.169	4.12	26.98	54.79	57.94	34.25	74.00	-39.75	peak
3	3233.260	6.29	32.37	54.82	56.58	40.42	68.20	-27.78	peak
4	4367.058	7.10	34.54	54.26	55.04	42.42	74.00	-31.58	peak
5	p10380.000	11.17	37.10	53.12	58.49	53.64	68.20	-14.56	peak
6	15570.000	13.83	41.10	52.14	50.21	53.00	74.00	-21.00	peak

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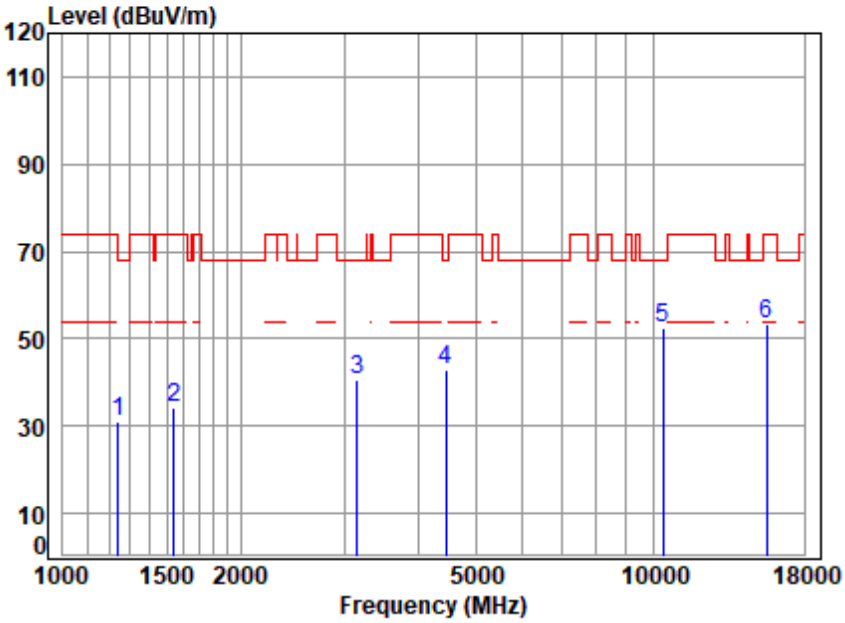
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	56.98	31.02	68.20	-37.18	peak
2	1542.733	4.10	26.97	54.79	57.96	34.24	74.00	-39.76	peak
3	3150.237	6.21	32.50	54.88	56.93	40.76	68.20	-27.44	peak
4	4456.315	7.20	34.12	54.25	55.80	42.87	68.20	-25.33	peak
5	p10380.000	11.17	37.10	53.12	57.42	52.57	68.20	-15.63	peak
6	15570.000	13.83	41.10	52.14	50.48	53.27	74.00	-20.73	peak

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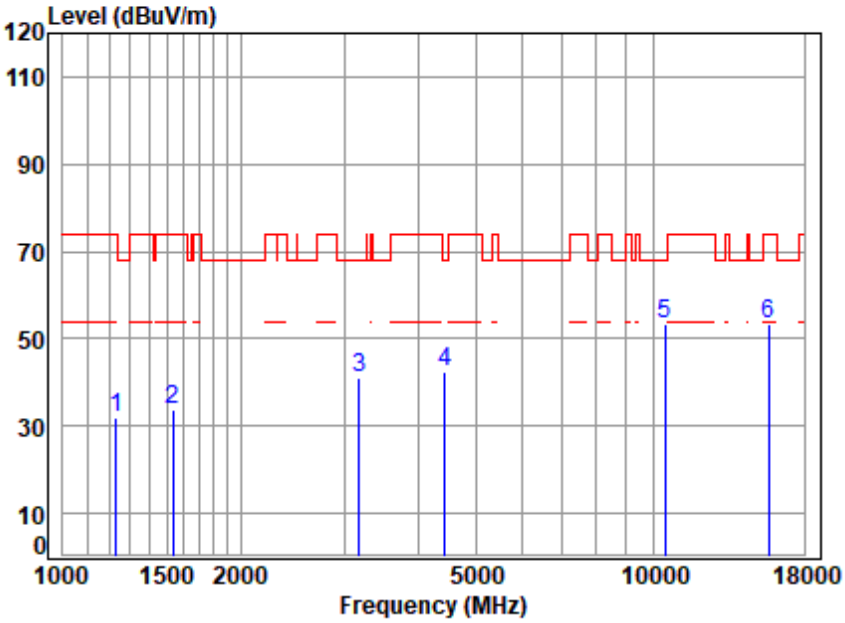
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	58.09	31.96	74.00	-42.04	peak
2	1538.281	4.10	26.95	54.79	57.61	33.87	74.00	-40.13	peak
3	3177.672	6.24	32.72	54.86	56.95	41.05	68.20	-27.15	peak
4	4443.453	7.19	34.28	54.25	55.20	42.42	68.20	-25.78	peak
5	p10460.000	11.30	37.22	53.11	58.14	53.55	68.20	-14.65	peak
6	15690.000	13.97	41.19	52.04	50.27	53.39	74.00	-20.61	peak

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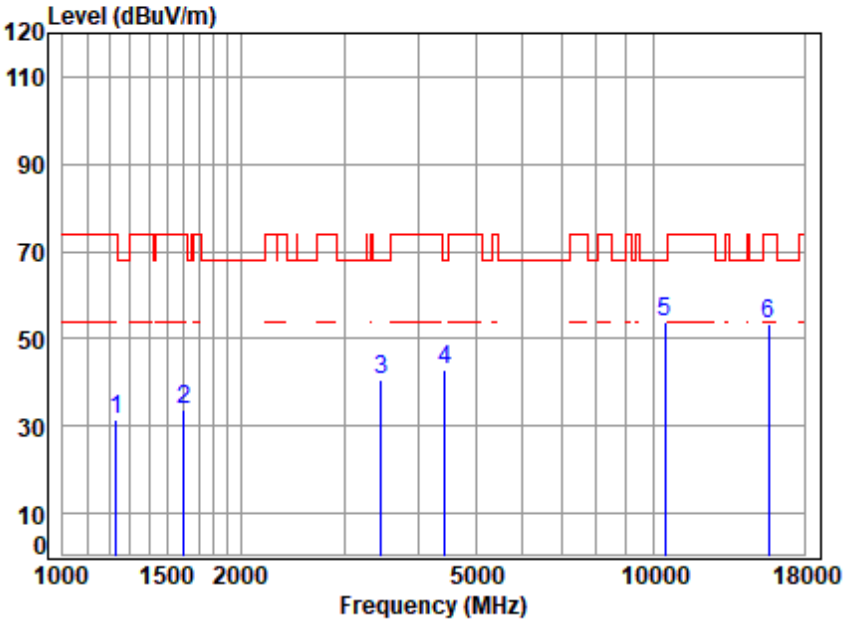

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.55	31.42	74.00	-42.58	peak
2	1601.804	4.19	26.78	54.80	57.75	33.92	74.00	-40.08	peak
3	3455.508	6.48	31.78	54.66	56.78	40.38	68.20	-27.82	peak
4	4430.628	7.17	34.43	54.25	55.43	42.78	68.20	-25.42	peak
5	p10460.000	11.30	37.22	53.11	58.48	53.89	68.20	-14.31	peak
6	15690.000	13.97	41.19	52.04	50.39	53.51	74.00	-20.49	peak

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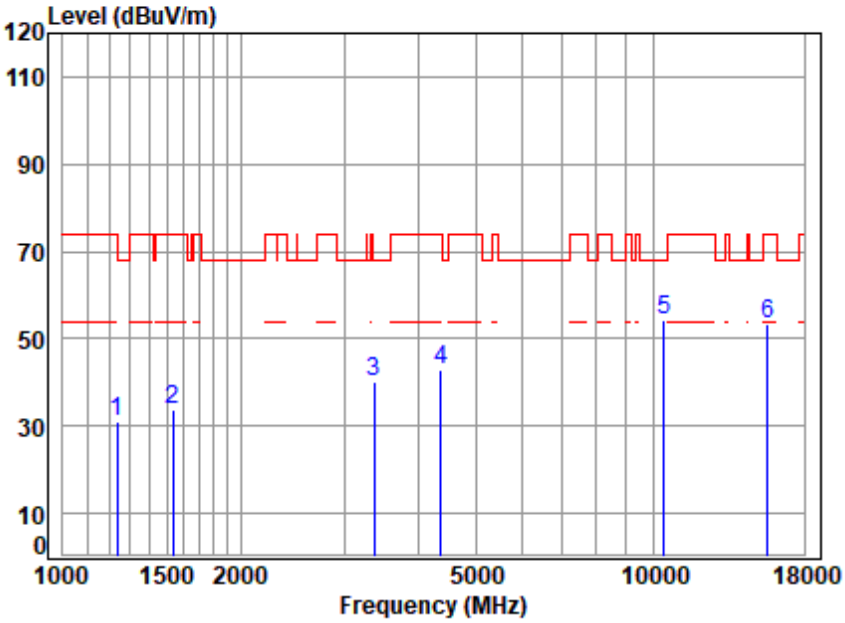
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.26	31.24	74.00	-42.76	peak
2	1538.281	4.10	26.95	54.79	57.64	33.90	74.00	-40.10	peak
3	3366.778	6.41	32.20	54.72	56.31	40.20	68.20	-28.00	peak
4	4367.058	7.10	34.54	54.26	55.45	42.83	74.00	-31.17	peak
5	p10420.000	11.23	37.14	53.11	59.22	54.48	68.20	-13.72	peak
6	15630.000	13.90	41.13	52.09	50.36	53.30	74.00	-20.70	peak

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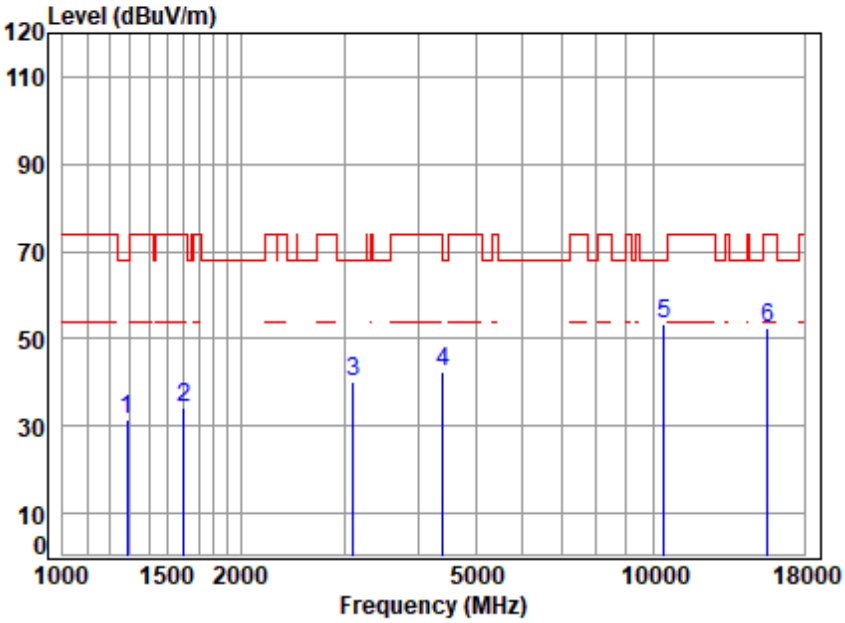
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.79	24.88	54.71	57.65	31.61	68.20	-36.59	peak
2	1606.441	4.19	26.74	54.81	57.97	34.09	74.00	-39.91	peak
3	3105.037	6.17	31.69	54.92	57.21	40.15	68.20	-28.05	peak
4	4405.090	7.14	34.74	54.26	54.97	42.59	68.20	-25.61	peak
5	p10420.000	11.23	37.14	53.11	58.22	53.48	68.20	-14.72	peak
6	15630.000	13.90	41.13	52.09	49.33	52.27	74.00	-21.73	peak

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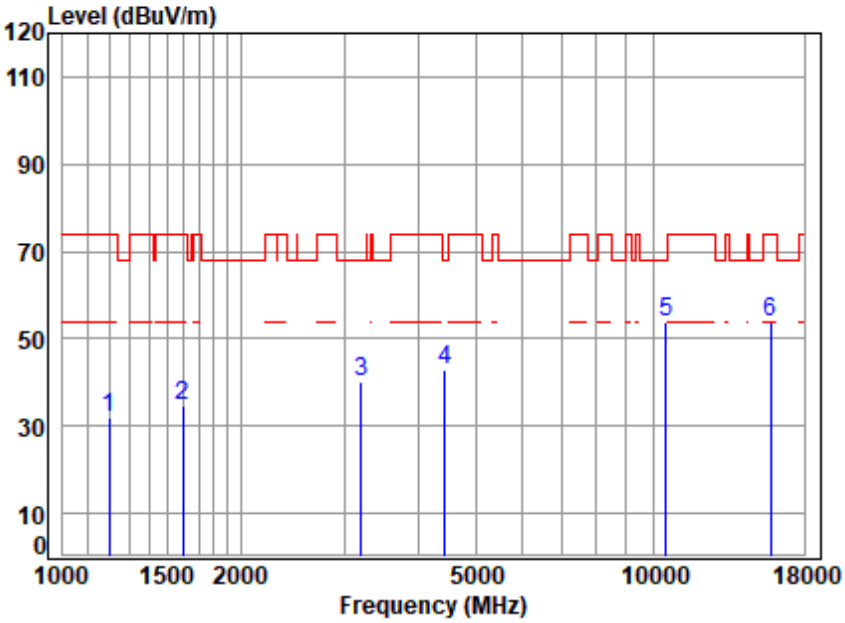
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	3.68	24.36	54.68	58.52	31.88	74.00	-42.12	peak
2	1597.181	4.18	26.81	54.80	58.48	34.67	74.00	-39.33	peak
3	3205.345	6.26	32.81	54.84	56.06	40.29	68.20	-27.91	peak
4	4443.453	7.19	34.28	54.25	55.74	42.96	68.20	-25.24	peak
5	p10520.000	11.37	37.30	53.09	58.04	53.62	68.20	-14.58	peak
6	15780.000	14.08	41.28	51.97	50.56	53.95	74.00	-20.05	peak

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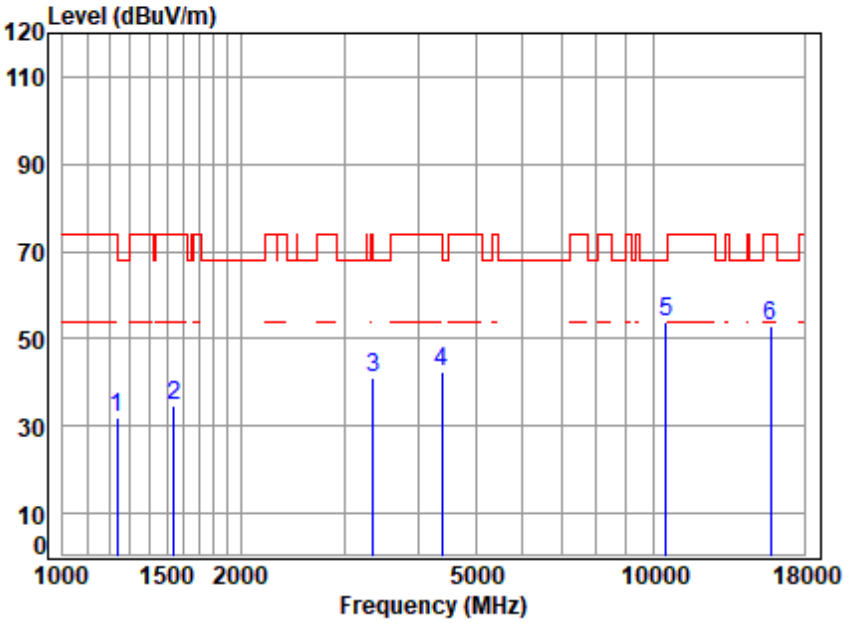
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.73	31.71	74.00	-42.29	peak
2	1542.733	4.10	26.97	54.79	58.28	34.56	74.00	-39.44	peak
3	3357.061	6.40	32.14	54.73	57.27	41.08	74.00	-32.92	peak
4	4379.699	7.11	34.64	54.26	54.91	42.40	74.00	-31.60	peak
5	p10520.000	11.37	37.30	53.09	58.35	53.93	68.20	-14.27	peak
6	15780.000	14.08	41.28	51.97	49.63	53.02	74.00	-20.98	peak

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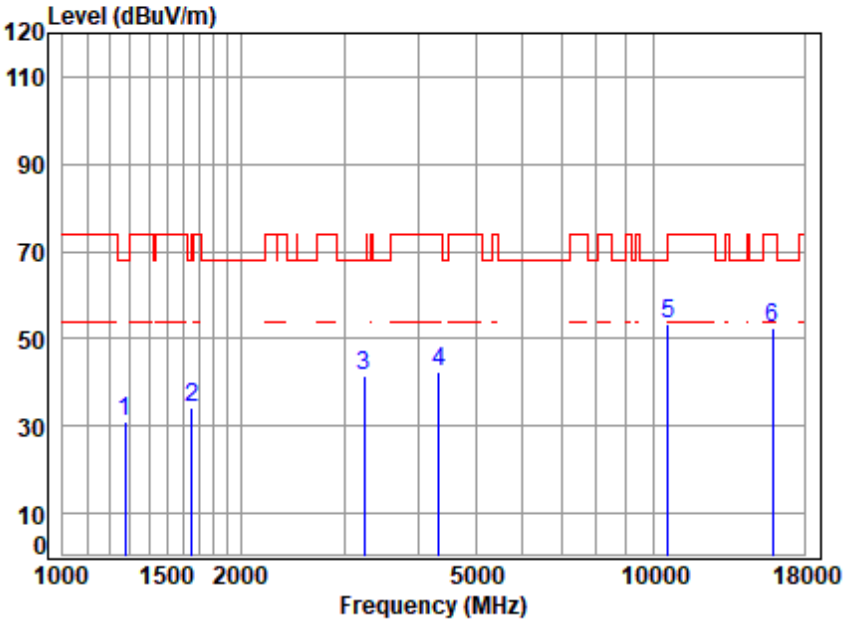
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	57.00	31.02	68.20	-37.18	peak
2	1653.550	4.26	26.29	54.82	58.34	34.07	68.20	-34.13	peak
3	3233.260	6.29	32.37	54.82	57.53	41.37	68.20	-26.83	peak
4	4341.886	7.07	34.34	54.26	55.50	42.65	74.00	-31.35	peak
5	p10600.000	11.43	37.30	53.08	57.78	53.43	68.20	-14.77	peak
6	15900.000	14.23	41.40	51.88	48.64	52.39	74.00	-21.61	peak

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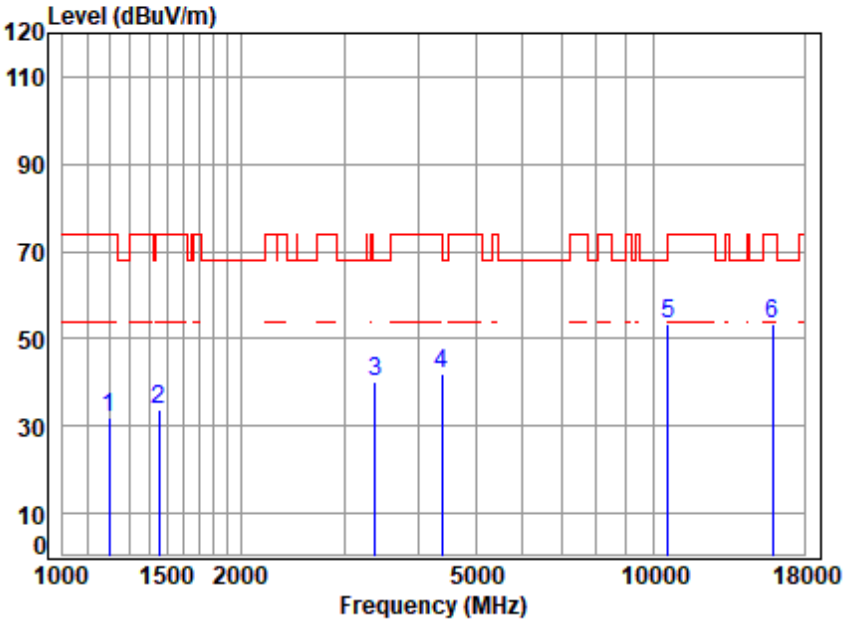

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	3.68	24.36	54.68	58.74	32.10	74.00	-41.90	peak
2	1456.081	3.99	25.57	54.76	58.97	33.77	74.00	-40.23	peak
3	3376.523	6.42	32.26	54.71	56.11	40.08	68.20	-28.12	peak
4	4379.699	7.11	34.64	54.26	54.34	41.83	74.00	-32.17	peak
5	p10600.000	11.43	37.30	53.08	57.67	53.32	68.20	-14.88	peak
6	15900.000	14.23	41.40	51.88	49.60	53.35	74.00	-20.65	peak

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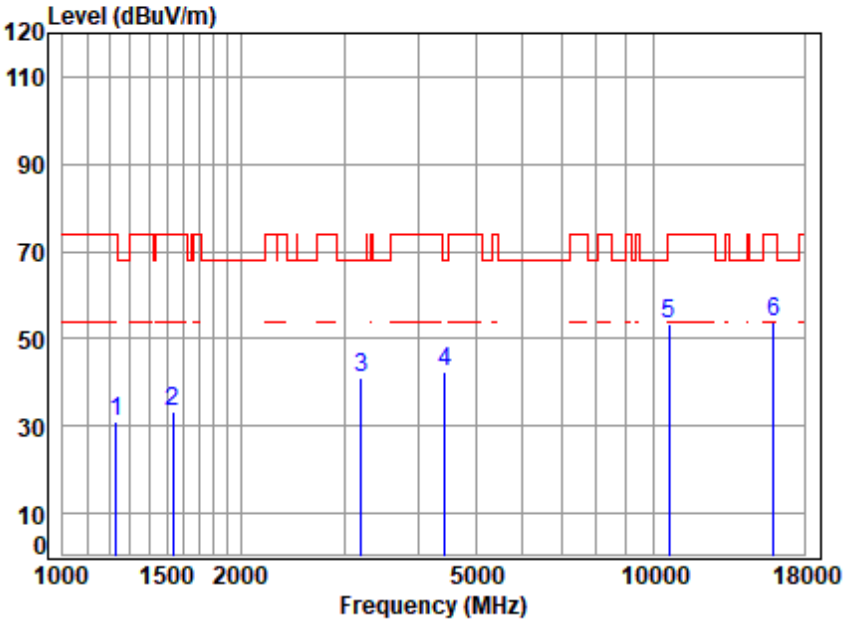
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.23	31.10	74.00	-42.90	peak
2	1538.281	4.10	26.95	54.79	57.26	33.52	74.00	-40.48	peak
3	3205.345	6.26	32.81	54.84	56.94	41.17	68.20	-27.03	peak
4	4443.453	7.19	34.28	54.25	55.03	42.25	68.20	-25.95	peak
5	10640.000	11.45	37.22	53.07	57.89	53.49	74.00	-20.51	peak
6	p15960.000	14.30	41.52	51.83	49.95	53.94	74.00	-20.06	peak

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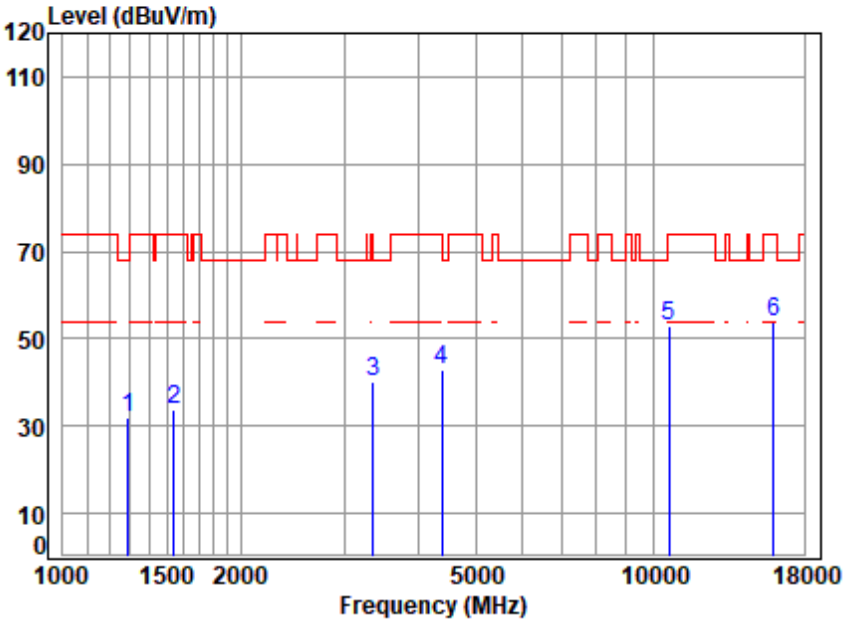

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	3.80	24.86	54.71	57.77	31.72	68.20	-36.48	peak
2	1542.733	4.10	26.97	54.79	57.59	33.87	74.00	-40.13	peak
3	3357.061	6.40	32.14	54.73	56.55	40.36	74.00	-33.64	peak
4	4379.699	7.11	34.64	54.26	55.62	43.11	74.00	-30.89	peak
5	10640.000	11.45	37.22	53.07	57.39	52.99	74.00	-21.01	peak
6	p15960.000	14.30	41.52	51.83	49.65	53.64	74.00	-20.36	peak

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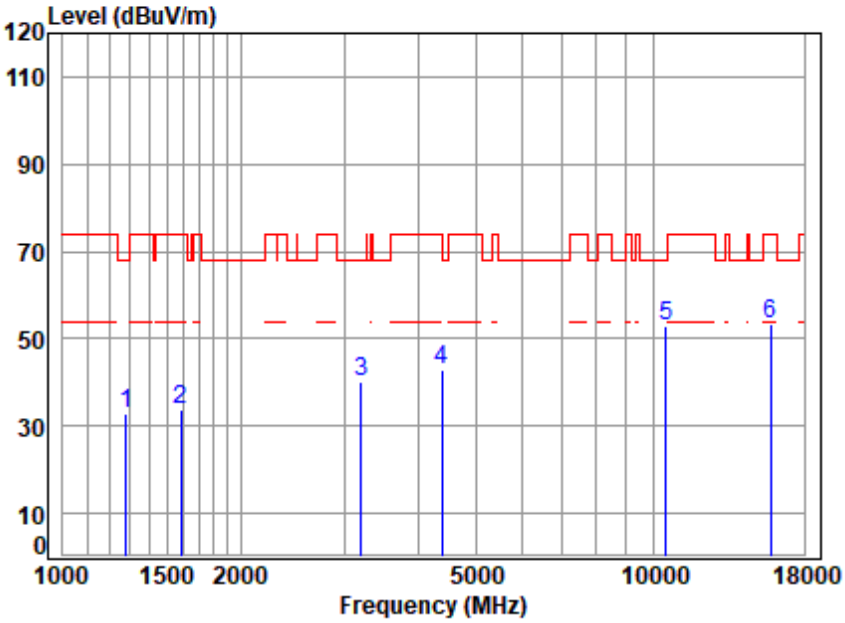
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	58.96	32.95	68.20	-35.25	peak
2	1583.392	4.16	26.87	54.80	57.75	33.98	74.00	-40.02	peak
3	3205.345	6.26	32.81	54.84	56.03	40.26	68.20	-27.94	peak
4	4379.699	7.11	34.64	54.26	55.54	43.03	74.00	-30.97	peak
5	p10520.000	11.37	37.30	53.09	57.32	52.90	68.20	-15.30	peak
6	15780.000	14.08	41.28	51.97	50.13	53.52	74.00	-20.48	peak

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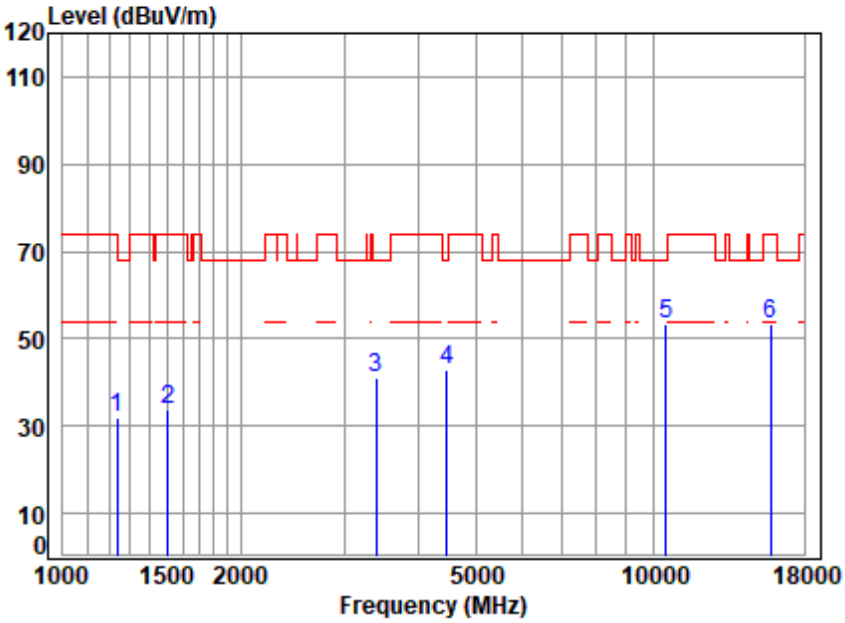
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	57.80	31.73	74.00	-42.27	peak
2	1507.470	4.05	26.83	54.78	57.86	33.96	74.00	-40.04	peak
3	3396.098	6.43	32.38	54.70	57.12	41.23	68.20	-26.97	peak
4	4469.214	7.22	33.97	54.25	55.76	42.70	68.20	-25.50	peak
5	p10520.000	11.37	37.30	53.09	57.65	53.23	68.20	-14.97	peak
6	15780.000	14.08	41.28	51.97	49.80	53.19	74.00	-20.81	peak

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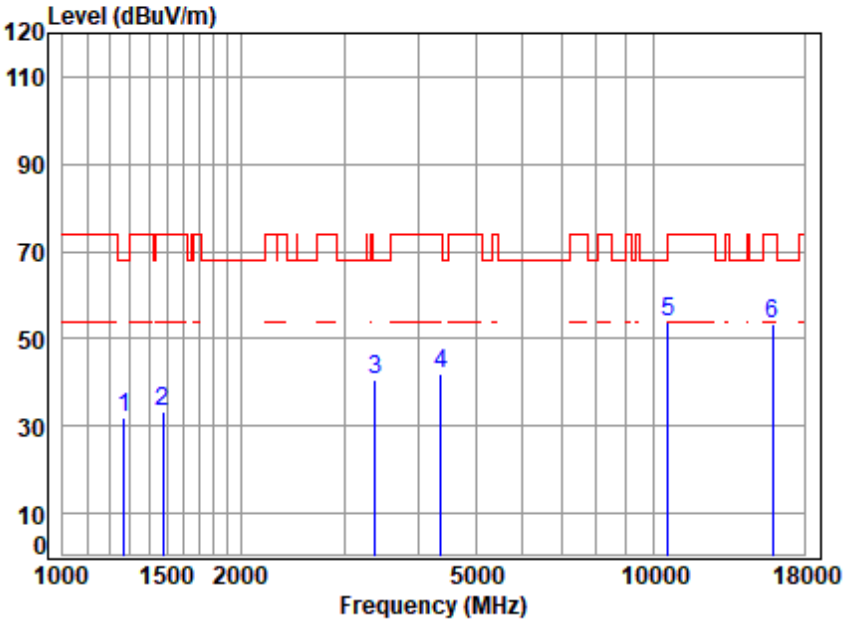
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	57.90	31.94	68.20	-36.26	peak
2	1477.276	4.02	26.16	54.77	57.92	33.33	74.00	-40.67	peak
3	3376.523	6.42	32.26	54.71	56.54	40.51	68.20	-27.69	peak
4	4367.058	7.10	34.54	54.26	54.66	42.04	74.00	-31.96	peak
5	p10600.000	11.43	37.30	53.08	58.00	53.65	68.20	-14.55	peak
6	15900.000	14.23	41.40	51.88	49.59	53.34	74.00	-20.66	peak

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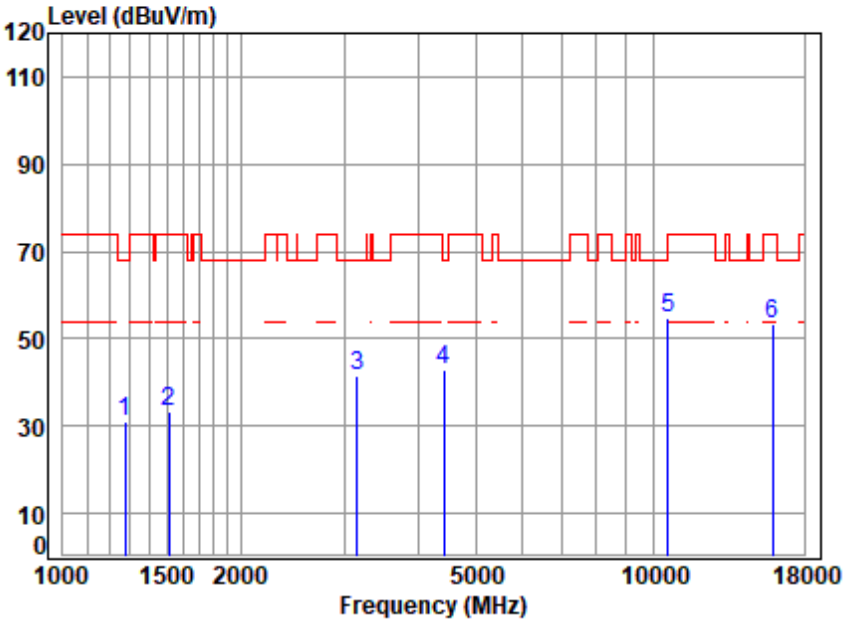
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	57.13	31.15	68.20	-37.05	peak
2	1511.833	4.06	26.85	54.78	57.36	33.49	74.00	-40.51	peak
3	3150.237	6.21	32.50	54.88	57.48	41.31	68.20	-26.89	peak
4	4417.841	7.16	34.59	54.26	55.47	42.96	68.20	-25.24	peak
5	p10600.000	11.43	37.30	53.08	58.95	54.60	68.20	-13.60	peak
6	15900.000	14.23	41.40	51.88	49.65	53.40	74.00	-20.60	peak

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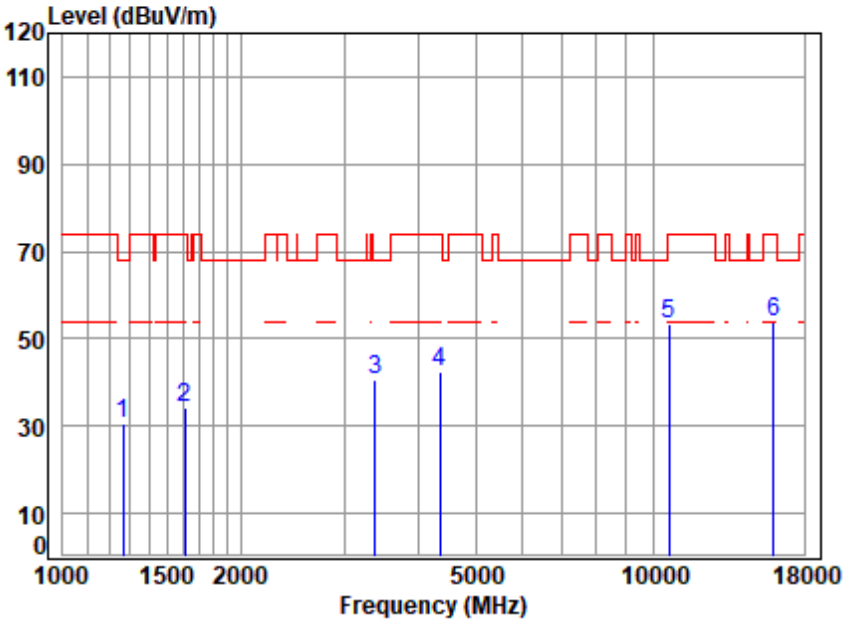
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.77	25.00	54.70	56.40	30.47	68.20	-37.73	peak
2	1611.091	4.20	26.69	54.81	58.31	34.39	74.00	-39.61	peak
3	3376.523	6.42	32.26	54.71	56.43	40.40	68.20	-27.80	peak
4	4354.454	7.08	34.44	54.26	55.14	42.40	74.00	-31.60	peak
5	10640.000	11.45	37.22	53.07	57.68	53.28	74.00	-20.72	peak
6	p15960.000	14.30	41.52	51.83	49.84	53.83	74.00	-20.17	peak

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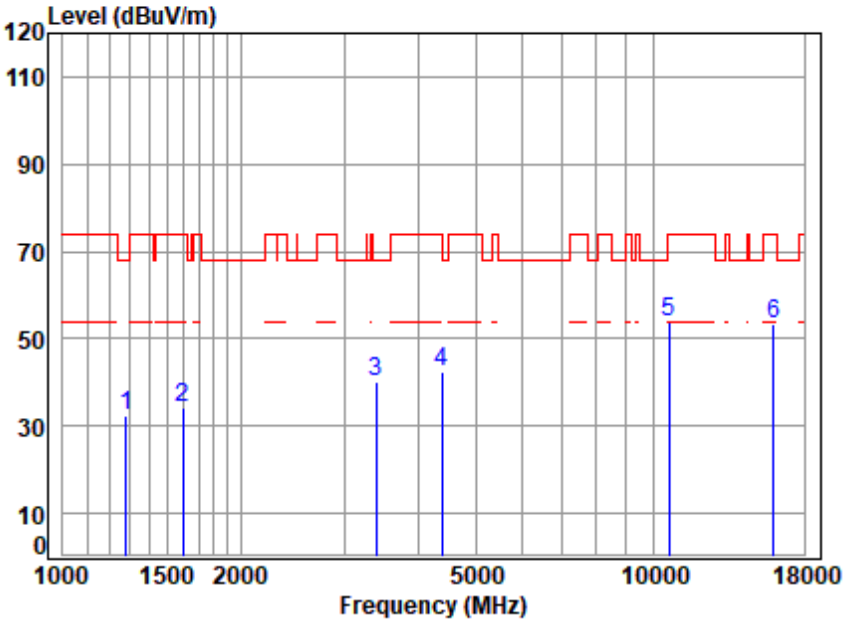
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	58.24	32.23	68.20	-35.97	peak
2	1597.181	4.18	26.81	54.80	58.04	34.23	74.00	-39.77	peak
3	3396.098	6.43	32.38	54.70	56.02	40.13	68.20	-28.07	peak
4	4392.376	7.13	34.74	54.26	54.66	42.27	74.00	-31.73	peak
5	p10640.000	11.45	37.22	53.07	58.05	53.65	74.00	-20.35	peak
6	15960.000	14.30	41.52	51.83	49.60	53.59	74.00	-20.41	peak

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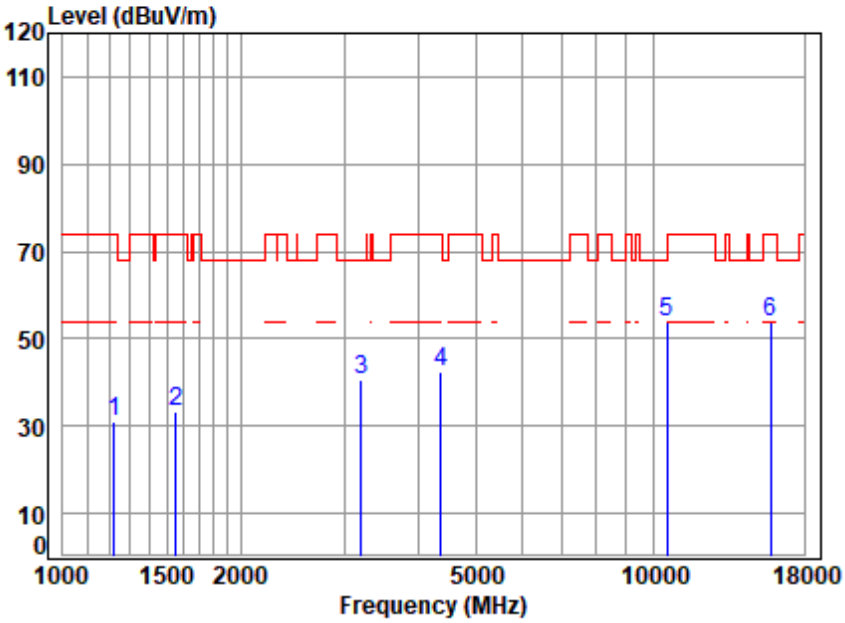
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.71	24.69	54.69	57.48	31.19	74.00	-42.81	peak
2	1551.677	4.12	26.99	54.79	57.18	33.50	74.00	-40.50	peak
3	3205.345	6.26	32.81	54.84	56.18	40.41	68.20	-27.79	peak
4	4367.058	7.10	34.54	54.26	55.18	42.56	74.00	-31.44	peak
5	p10540.000	11.39	37.30	53.09	58.10	53.70	68.20	-14.50	peak
6	15810.000	14.12	41.31	51.95	50.27	53.75	74.00	-20.25	peak

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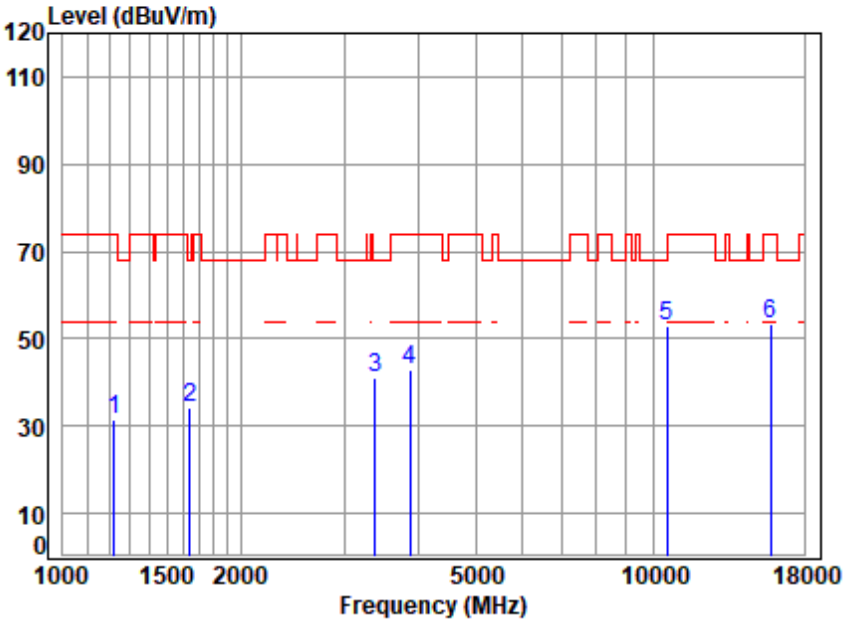
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.71	24.69	54.69	57.86	31.57	74.00	-42.43	peak
2	1639.274	4.24	26.41	54.81	58.27	34.11	68.20	-34.09	peak
3	3376.523	6.42	32.26	54.71	56.93	40.90	68.20	-27.30	peak
4	3879.027	6.62	33.51	54.37	57.17	42.93	74.00	-31.07	peak
5	p10540.000	11.39	37.30	53.09	57.51	53.11	68.20	-15.09	peak
6	15810.000	14.12	41.31	51.95	49.70	53.18	74.00	-20.82	peak

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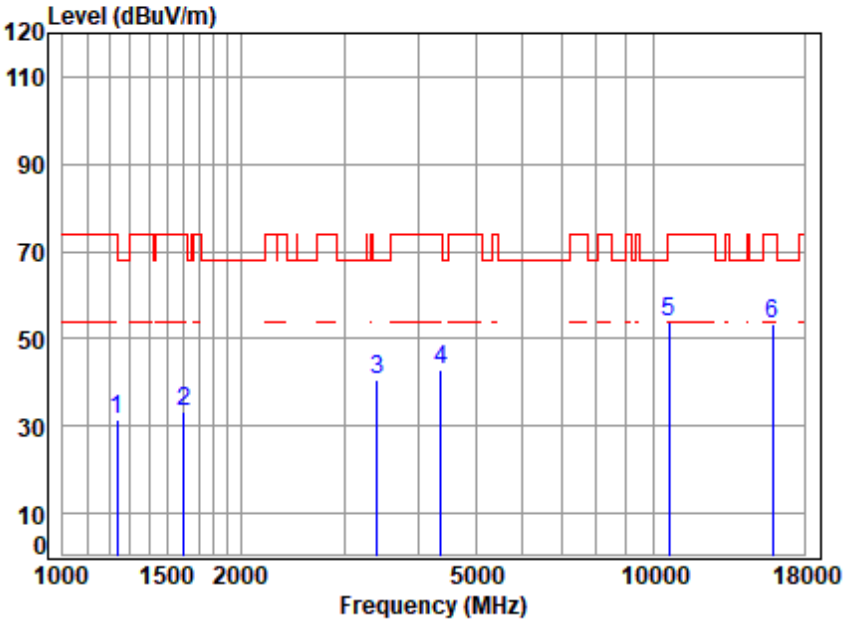
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.45	31.43	74.00	-42.57	peak
2	1606.441	4.19	26.74	54.81	57.33	33.45	74.00	-40.55	peak
3	3405.929	6.44	32.33	54.69	56.54	40.62	68.20	-27.58	peak
4	4367.058	7.10	34.54	54.26	55.69	43.07	74.00	-30.93	peak
5	p10620.000	11.44	37.26	53.07	58.25	53.88	74.00	-20.12	peak
6	15930.000	14.27	41.46	51.85	49.63	53.51	74.00	-20.49	peak

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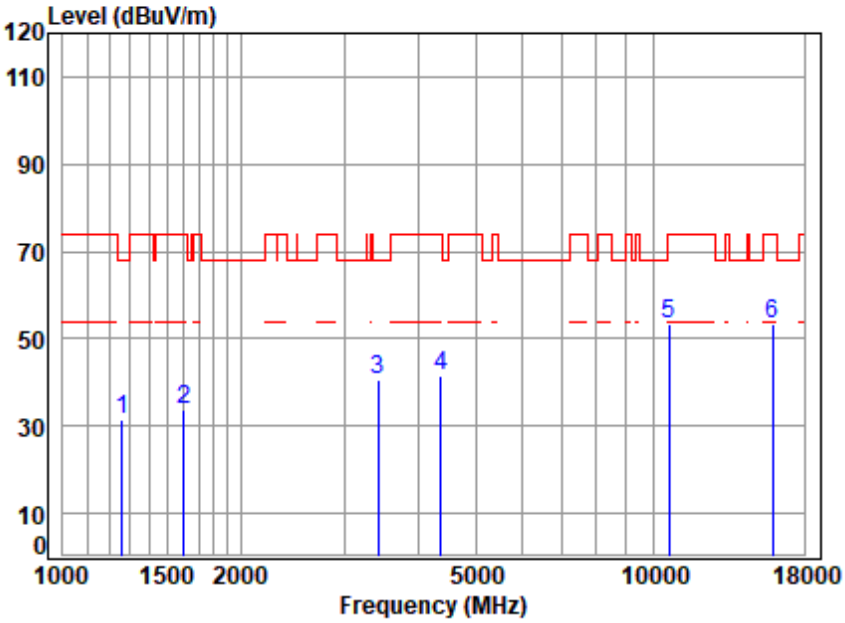
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.76	25.04	54.70	57.57	31.67	68.20	-36.53	peak
2	1606.441	4.19	26.74	54.81	57.63	33.75	74.00	-40.25	peak
3	3415.787	6.45	32.21	54.68	56.46	40.44	68.20	-27.76	peak
4	4367.058	7.10	34.54	54.26	54.30	41.68	74.00	-32.32	peak
5	p10620.000	11.44	37.26	53.07	57.57	53.20	74.00	-20.80	peak
6	15930.000	14.27	41.46	51.85	49.30	53.18	74.00	-20.82	peak

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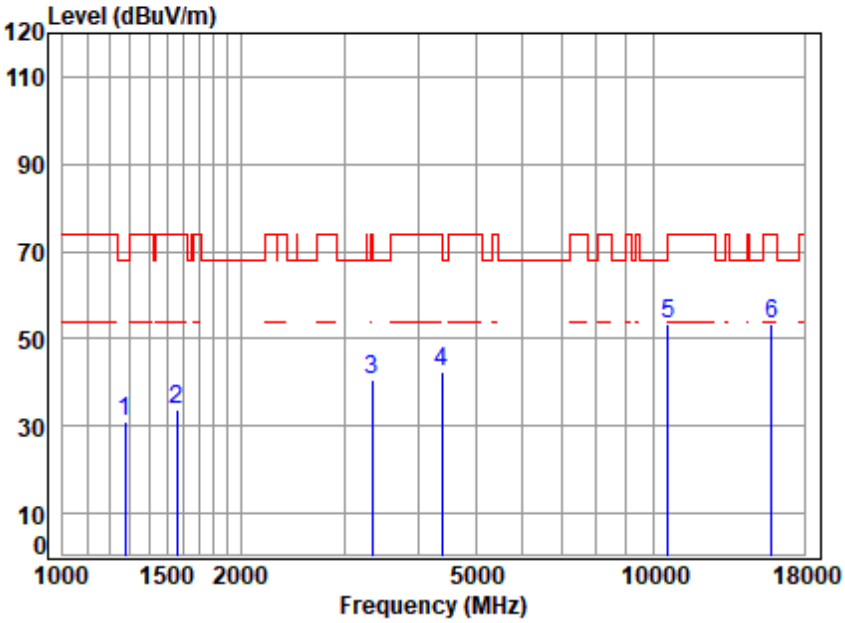
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	57.00	31.02	68.20	-37.18	peak
2	1560.673	4.13	26.96	54.79	57.62	33.92	74.00	-40.08	peak
3	3347.371	6.39	32.05	54.73	56.79	40.50	74.00	-33.50	peak
4	4392.376	7.13	34.74	54.26	55.04	42.65	74.00	-31.35	peak
5	p10580.000	11.41	37.30	53.08	57.69	53.32	68.20	-14.88	peak
6	15870.000	14.19	41.37	51.90	49.59	53.25	74.00	-20.75	peak

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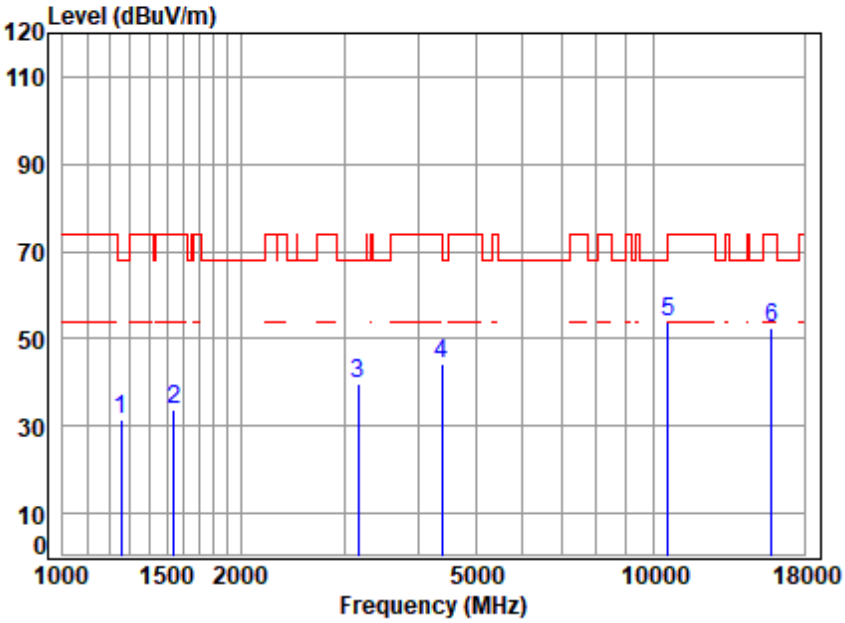
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.76	25.06	54.70	57.26	31.38	68.20	-36.82	peak
2	1542.733	4.10	26.97	54.79	57.42	33.70	74.00	-40.30	peak
3	3159.355	6.22	32.57	54.87	55.90	39.82	68.20	-28.38	peak
4	4379.699	7.11	34.64	54.26	56.67	44.16	74.00	-29.84	peak
5	p10580.000	11.41	37.30	53.08	58.07	53.70	68.20	-14.50	peak
6	15870.000	14.19	41.37	51.90	48.96	52.62	74.00	-21.38	peak

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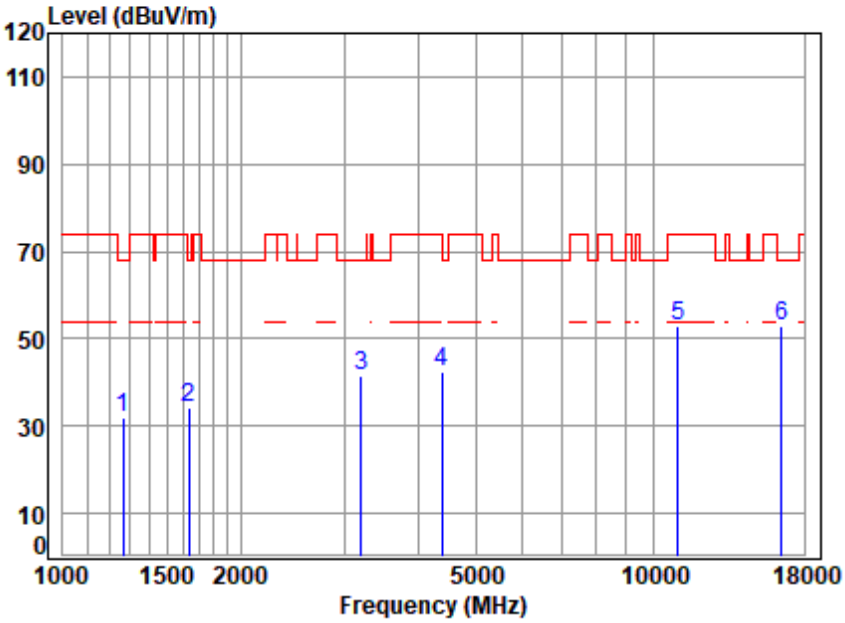
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.77	25.02	54.70	58.01	32.10	68.20	-36.10	peak
2	1634.543	4.23	26.45	54.81	58.15	34.02	68.20	-34.18	peak
3	3205.345	6.26	32.81	54.84	57.40	41.63	68.20	-26.57	peak
4	4379.699	7.11	34.64	54.26	55.11	42.60	74.00	-31.40	peak
5	11000.000	11.68	37.50	53.00	56.84	53.02	74.00	-20.98	peak
6	p16500.000	13.99	42.10	52.36	49.19	52.92	68.20	-15.28	peak

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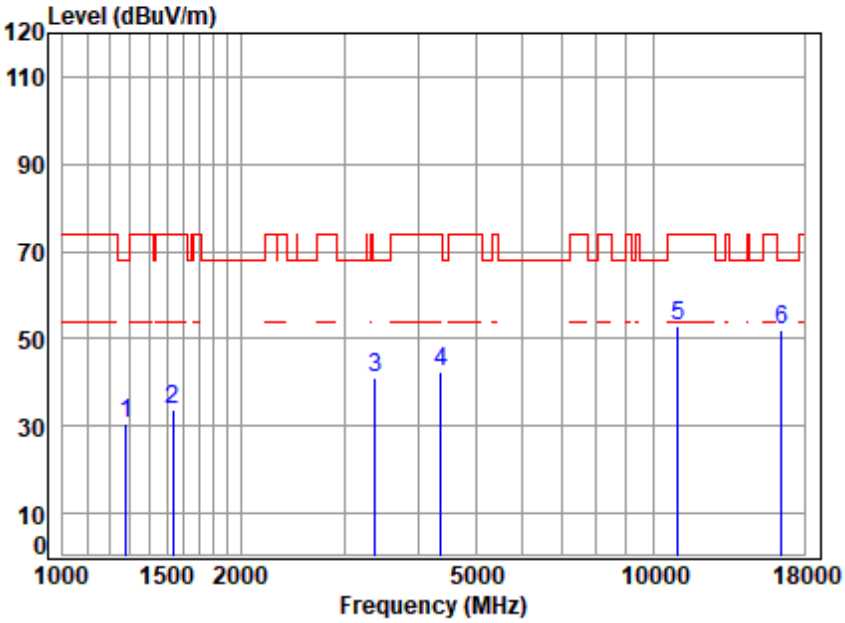
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	3.78	24.93	54.71	56.79	30.79	68.20	-37.41	peak
2	1538.281	4.10	26.95	54.79	57.56	33.82	74.00	-40.18	peak
3	3376.523	6.42	32.26	54.71	57.00	40.97	68.20	-27.23	peak
4	4367.058	7.10	34.54	54.26	55.15	42.53	74.00	-31.47	peak
5	11000.000	11.68	37.50	53.00	56.89	53.07	74.00	-20.93	peak
6	p16500.000	13.99	42.10	52.36	48.19	51.92	68.20	-16.28	peak

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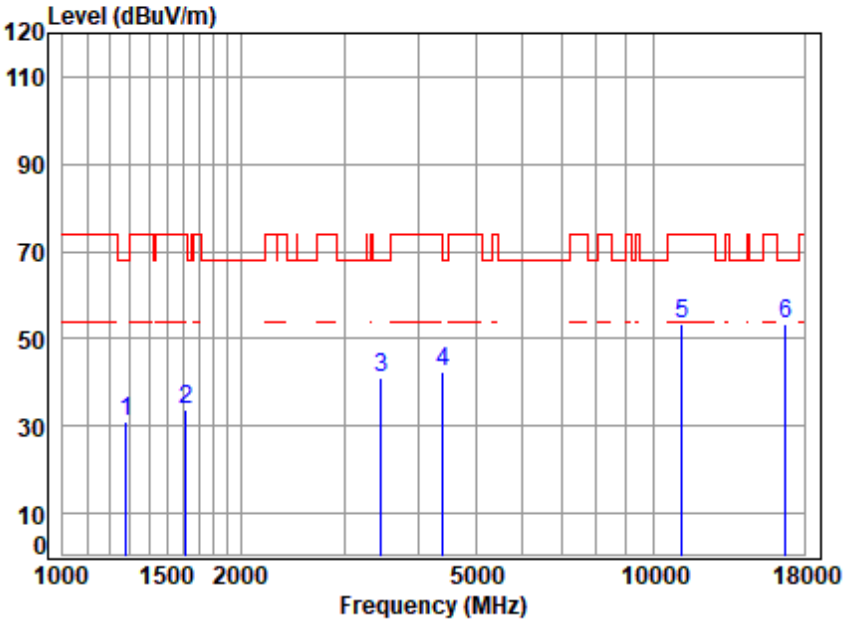
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	3.78	24.93	54.71	56.96	30.96	68.20	-37.24	peak
2	1615.754	4.21	26.64	54.81	57.61	33.65	74.00	-40.35	peak
3	3455.508	6.48	31.78	54.66	57.51	41.11	68.20	-27.09	peak
4	4405.090	7.14	34.74	54.26	54.80	42.42	68.20	-25.78	peak
5	11160.000	11.77	37.62	53.03	56.83	53.19	74.00	-20.81	peak
6	p16740.000	14.15	42.78	52.62	48.91	53.22	68.20	-14.98	peak

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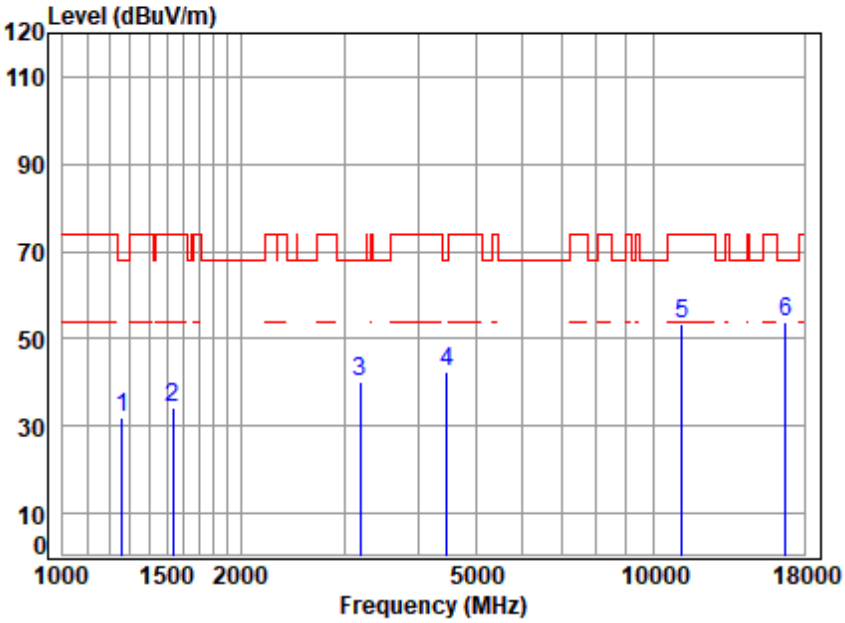
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.76	25.04	54.70	58.05	32.15	68.20	-36.05	peak
2	1533.841	4.09	26.94	54.79	57.95	34.19	74.00	-39.81	peak
3	3186.869	6.25	32.79	54.85	56.04	40.23	68.20	-27.97	peak
4	4469.214	7.22	33.97	54.25	55.52	42.46	68.20	-25.74	peak
5	11160.000	11.77	37.62	53.03	56.84	53.20	74.00	-20.80	peak
6	p16740.000	14.15	42.78	52.62	49.58	53.89	68.20	-14.31	peak

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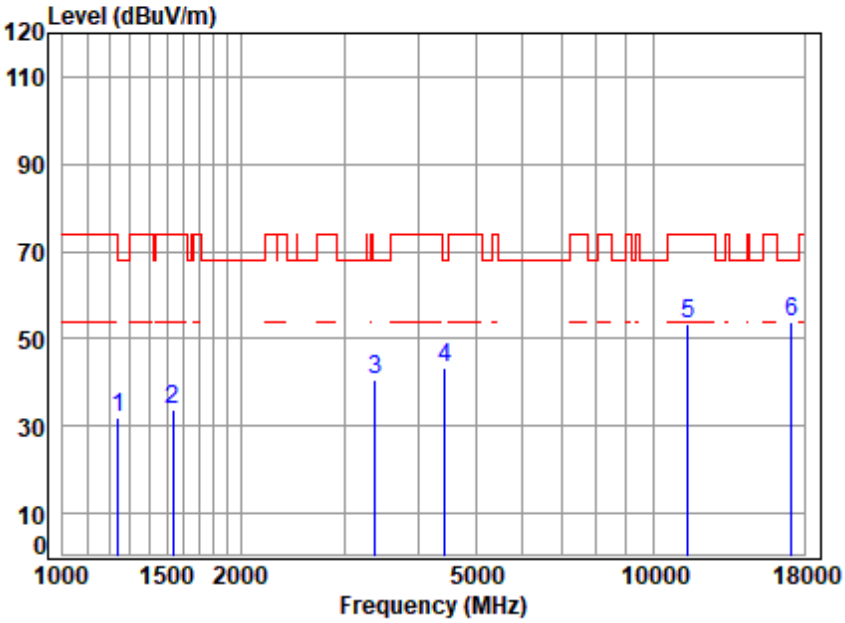
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	57.80	31.84	68.20	-36.36	peak
2	1538.281	4.10	26.95	54.79	57.30	33.56	74.00	-40.44	peak
3	3386.297	6.42	32.32	54.71	56.59	40.62	68.20	-27.58	peak
4	4443.453	7.19	34.28	54.25	55.91	43.13	68.20	-25.07	peak
5	11440.000	11.92	37.74	53.09	56.87	53.44	74.00	-20.56	peak
6	p17160.000	14.50	43.04	52.82	49.18	53.90	68.20	-14.30	peak

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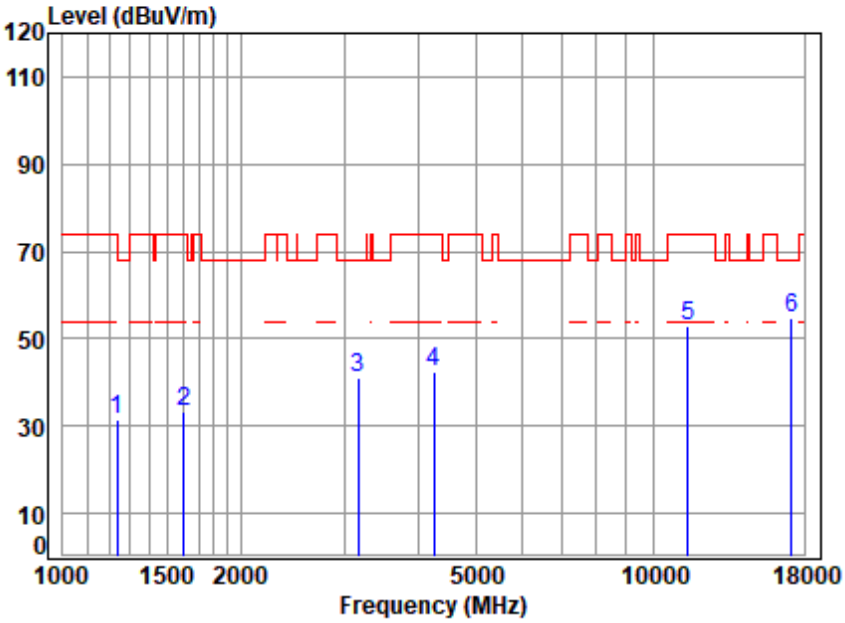
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.34	31.32	74.00	-42.68	peak
2	1606.441	4.19	26.74	54.81	57.31	33.43	74.00	-40.57	peak
3	3168.500	6.23	32.65	54.87	56.88	40.89	68.20	-27.31	peak
4	4242.641	6.95	33.80	54.27	55.75	42.23	74.00	-31.77	peak
5	11440.000	11.92	37.74	53.09	56.53	53.10	74.00	-20.90	peak
6	p17160.000	14.50	43.04	52.82	50.04	54.76	68.20	-13.44	peak

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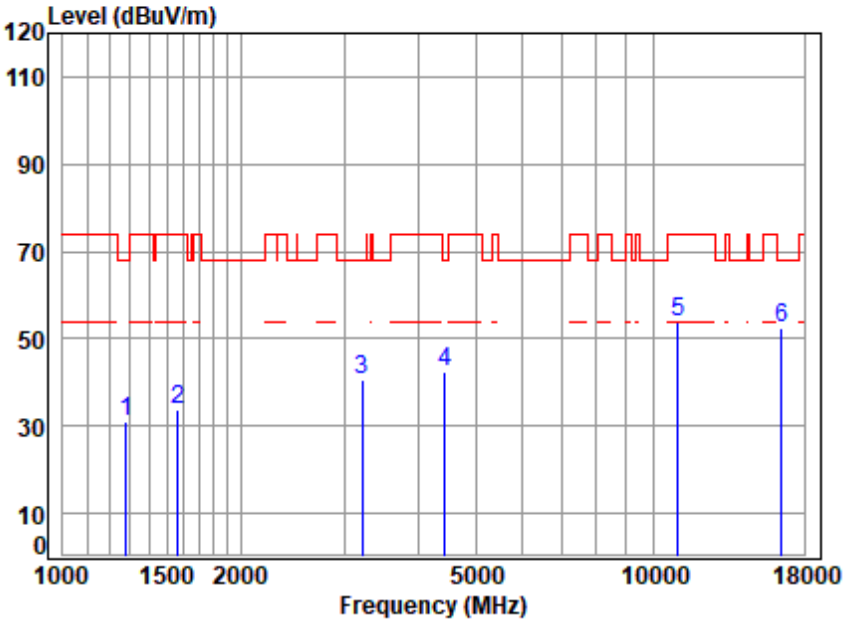
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	57.19	31.18	68.20	-37.02	peak
2	1569.721	4.14	26.92	54.80	57.49	33.75	74.00	-40.25	peak
3	3214.623	6.27	32.67	54.83	56.40	40.51	68.20	-27.69	peak
4	4430.628	7.17	34.43	54.25	55.29	42.64	68.20	-25.56	peak
5	11000.000	11.68	37.50	53.00	57.79	53.97	74.00	-20.03	peak
6	p16500.000	13.99	42.10	52.36	48.93	52.66	68.20	-15.54	peak

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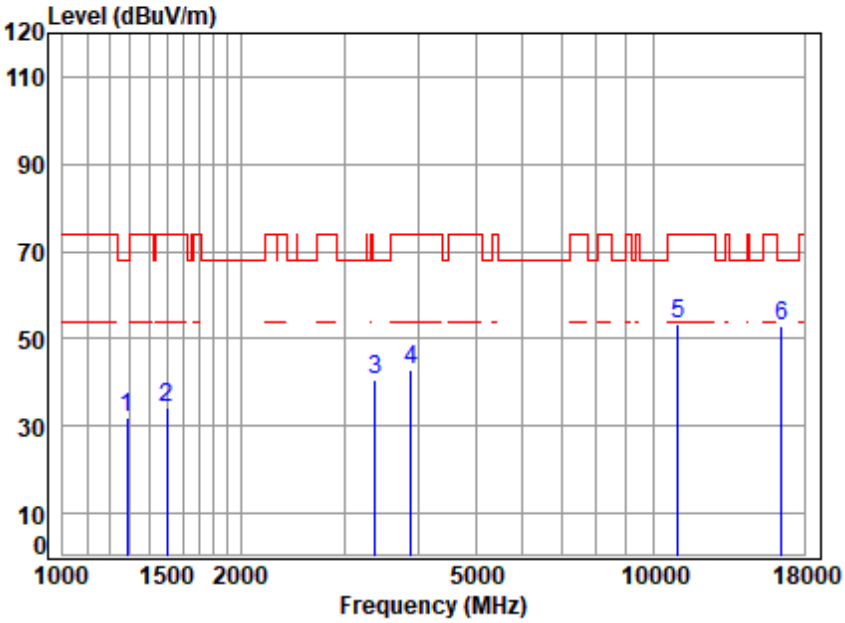
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.79	24.88	54.71	57.96	31.92	68.20	-36.28	peak
2	1503.119	4.04	26.81	54.78	58.14	34.21	74.00	-39.79	peak
3	3386.297	6.42	32.32	54.71	56.76	40.79	68.20	-27.41	peak
4	3890.255	6.62	33.66	54.37	57.09	43.00	74.00	-31.00	peak
5	11000.000	11.68	37.50	53.00	57.12	53.30	74.00	-20.70	peak
6	p16500.000	13.99	42.10	52.36	48.98	52.71	68.20	-15.49	peak

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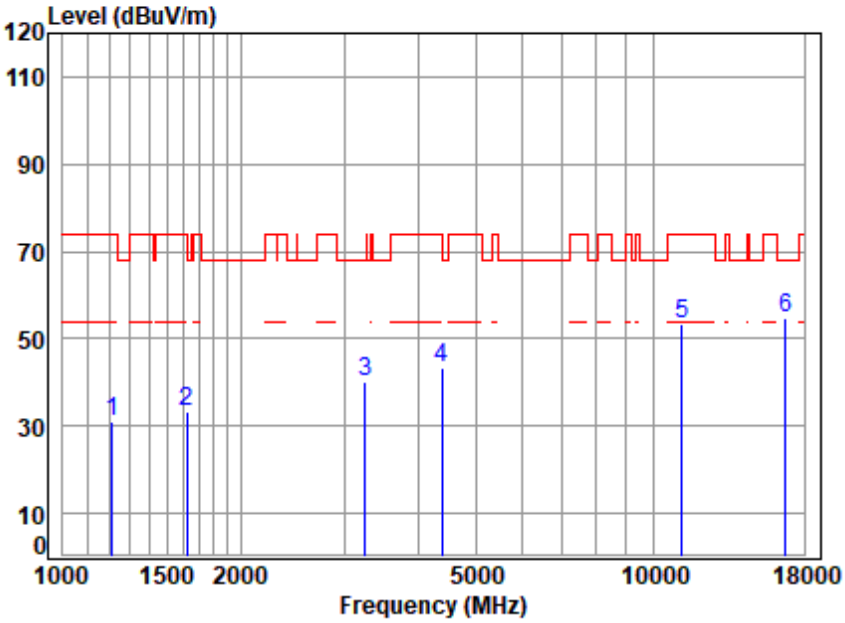
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1213.677	3.70	24.59	54.68	57.43	31.04	74.00	-42.96	peak
2	1620.431	4.21	26.60	54.81	57.51	33.51	74.00	-40.49	peak
3	3252.005	6.31	32.06	54.80	56.49	40.06	68.20	-28.14	peak
4	4379.699	7.11	34.64	54.26	55.99	43.48	74.00	-30.52	peak
5	11160.000	11.77	37.62	53.03	57.04	53.40	74.00	-20.60	peak
6	p16740.000	14.15	42.78	52.62	50.53	54.84	68.20	-13.36	peak

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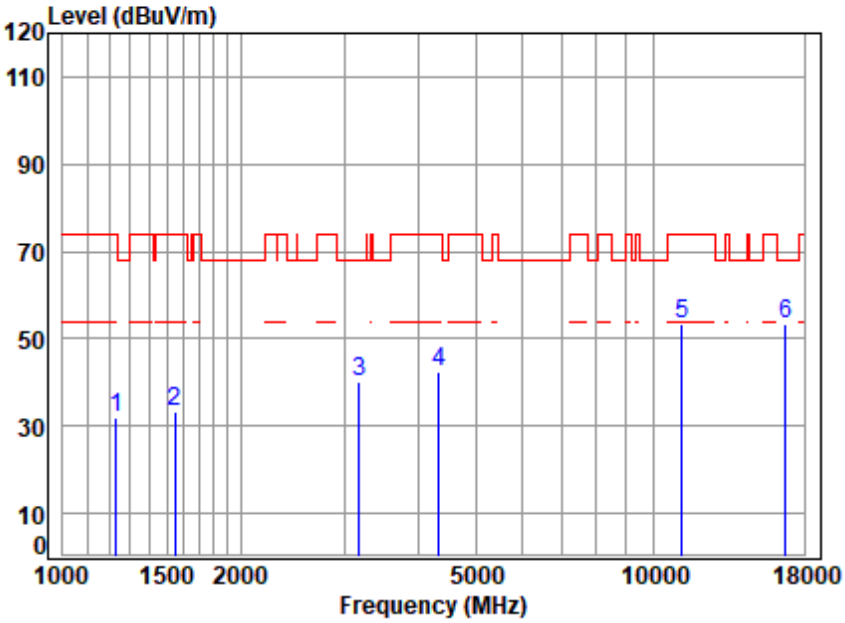
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.92	31.79	74.00	-42.21	peak
2	1547.199	4.11	26.99	54.79	57.13	33.44	74.00	-40.56	peak
3	3177.672	6.24	32.72	54.86	56.14	40.24	68.20	-27.96	peak
4	4329.354	7.05	34.23	54.26	55.47	42.49	74.00	-31.51	peak
5	11160.000	11.77	37.62	53.03	57.08	53.44	74.00	-20.56	peak
6	p16740.000	14.15	42.78	52.62	49.18	53.49	68.20	-14.71	peak

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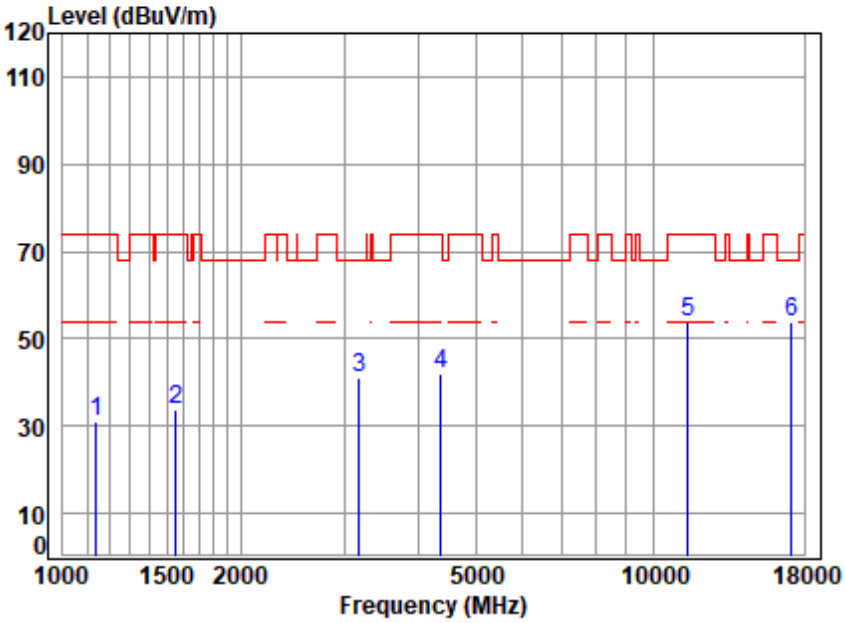
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1138.904	3.60	23.86	54.66	58.42	31.22	74.00	-42.78	peak
2	1556.169	4.12	26.98	54.79	57.39	33.70	74.00	-40.30	peak
3	3177.672	6.24	32.72	54.86	56.84	40.94	68.20	-27.26	peak
4	4367.058	7.10	34.54	54.26	54.65	42.03	74.00	-31.97	peak
5	11440.000	11.92	37.74	53.09	57.21	53.78	74.00	-20.22	peak
6	p17160.000	14.50	43.04	52.82	49.28	54.00	68.20	-14.20	peak

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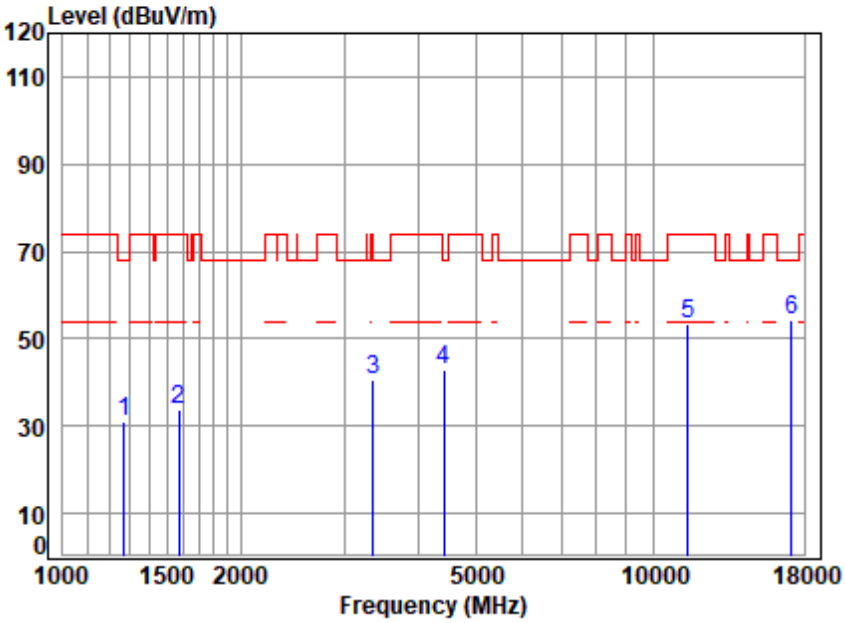
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	57.19	31.23	68.20	-36.97	peak
2	1574.265	4.15	26.90	54.80	57.48	33.73	74.00	-40.27	peak
3	3357.061	6.40	32.14	54.73	56.57	40.38	74.00	-33.62	peak
4	4417.841	7.16	34.59	54.26	55.21	42.70	68.20	-25.50	peak
5	11440.000	11.92	37.74	53.09	57.04	53.61	74.00	-20.39	peak
6	p17160.000	14.50	43.04	52.82	49.62	54.34	68.20	-13.86	peak

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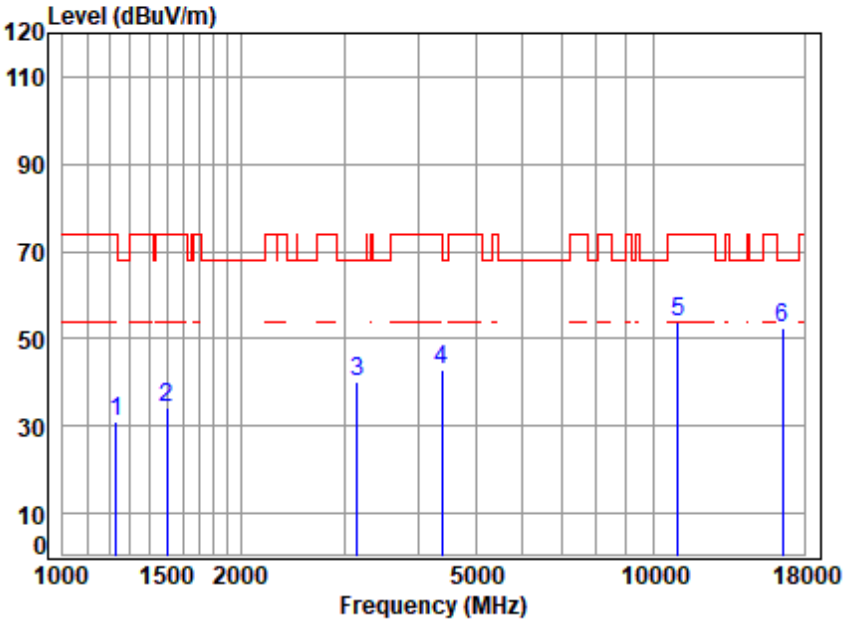
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.96	30.83	74.00	-43.17	peak
2	1503.119	4.04	26.81	54.78	58.26	34.33	74.00	-39.67	peak
3	3150.237	6.21	32.50	54.88	56.23	40.06	68.20	-28.14	peak
4	4392.376	7.13	34.74	54.26	55.38	42.99	74.00	-31.01	peak
5	11020.000	11.69	37.50	53.00	57.65	53.84	74.00	-20.16	peak
6	p16530.000	14.01	42.16	52.39	48.69	52.47	68.20	-15.73	peak

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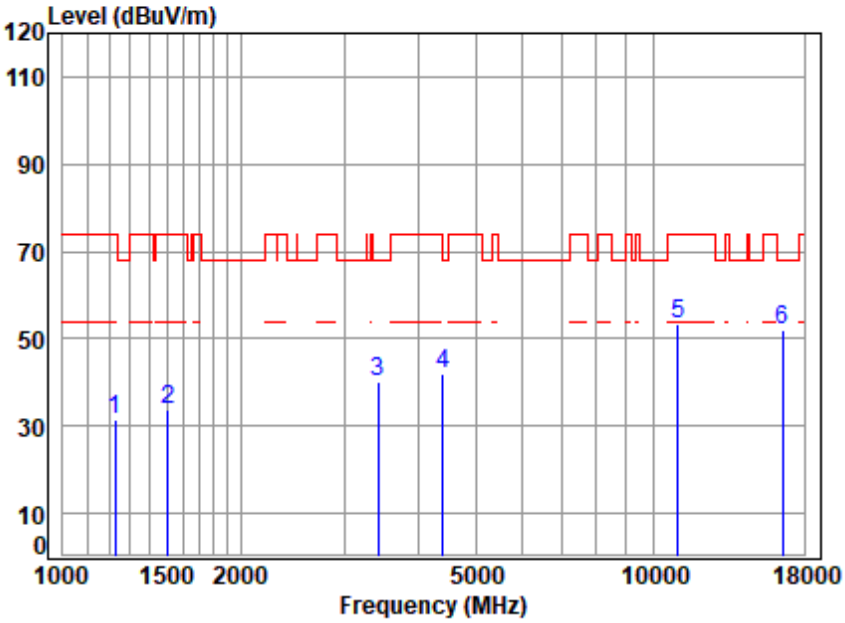
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	57.83	31.65	74.00	-42.35	peak
2	1507.470	4.05	26.83	54.78	57.51	33.61	74.00	-40.39	peak
3	3415.787	6.45	32.21	54.68	56.23	40.21	68.20	-27.99	peak
4	4405.090	7.14	34.74	54.26	54.54	42.16	68.20	-26.04	peak
5	11020.000	11.69	37.50	53.00	57.37	53.56	74.00	-20.44	peak
6	p16530.000	14.01	42.16	52.39	48.11	51.89	68.20	-16.31	peak

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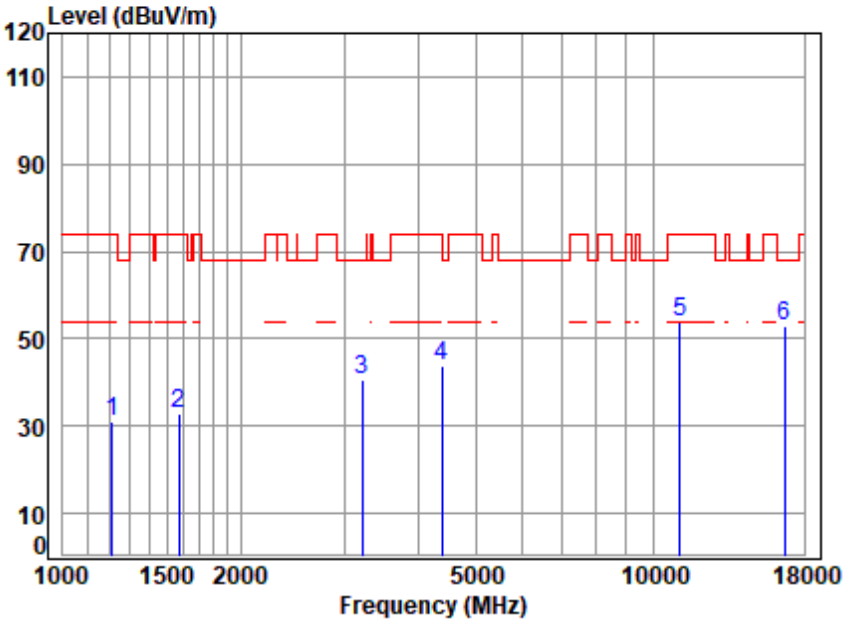
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5550 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.70	24.54	54.68	57.46	31.02	74.00	-42.98	peak
2	1574.265	4.15	26.90	54.80	56.73	32.98	74.00	-41.02	peak
3	3214.623	6.27	32.67	54.83	56.69	40.80	68.20	-27.40	peak
4	4392.376	7.13	34.74	54.26	55.97	43.58	74.00	-30.42	peak
5	11100.000	11.73	37.50	53.02	57.52	53.73	74.00	-20.27	peak
6	p16650.000	14.09	42.50	52.52	48.79	52.86	68.20	-15.34	peak

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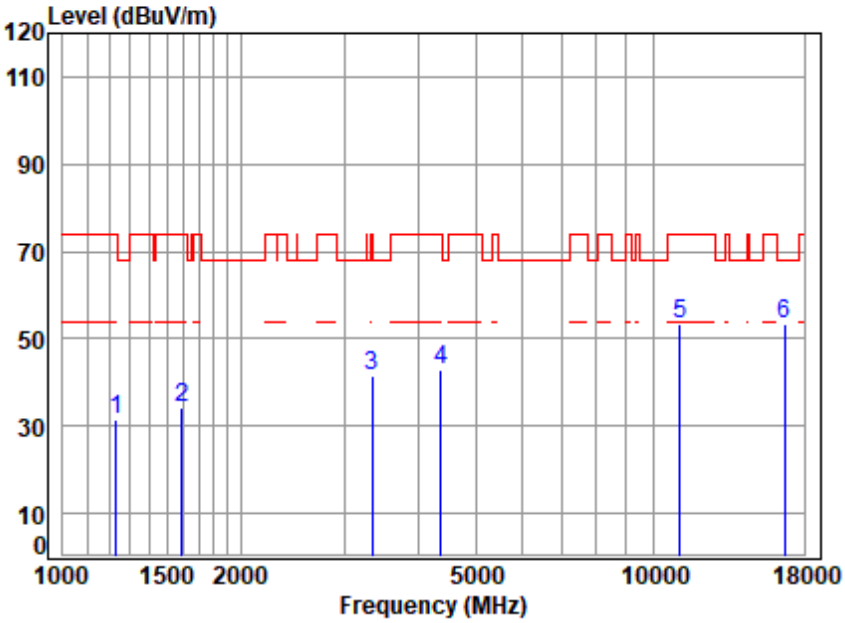
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5550 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.45	31.32	74.00	-42.68	peak
2	1592.571	4.18	26.83	54.80	57.79	34.00	74.00	-40.00	peak
3	3337.710	6.38	31.88	54.74	57.92	41.44	74.00	-32.56	peak
4	4367.058	7.10	34.54	54.26	55.46	42.84	74.00	-31.16	peak
5	11100.000	11.73	37.50	53.02	57.06	53.27	74.00	-20.73	peak
6	p16650.000	14.09	42.50	52.52	49.29	53.36	68.20	-14.84	peak

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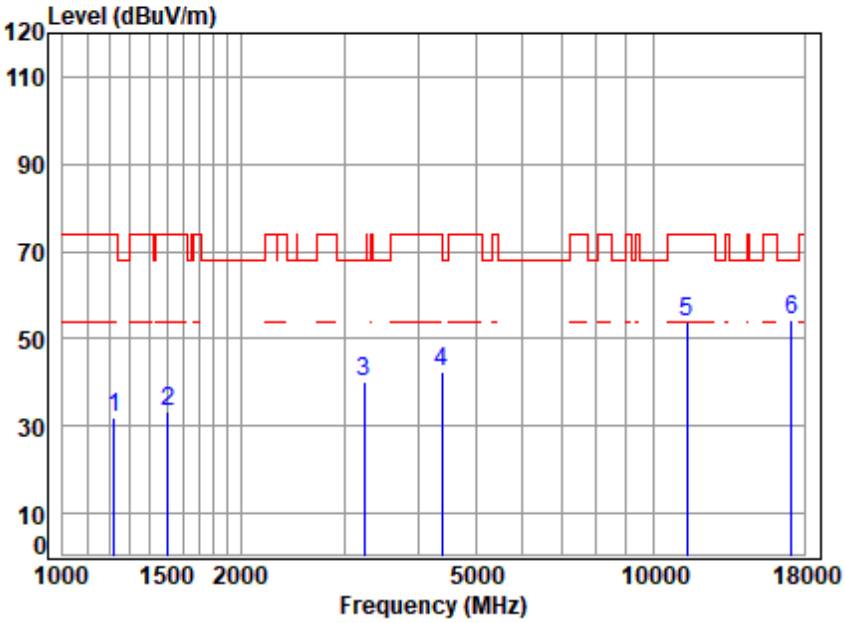
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5710 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.71	24.69	54.69	58.21	31.92	74.00	-42.08	peak
2	1507.470	4.05	26.83	54.78	57.01	33.11	74.00	-40.89	peak
3	3233.260	6.29	32.37	54.82	56.54	40.38	68.20	-27.82	peak
4	4392.376	7.13	34.74	54.26	54.62	42.23	74.00	-31.77	peak
5	11420.000	11.91	37.72	53.09	57.27	53.81	74.00	-20.19	peak
6	p17130.000	14.47	43.07	52.83	49.54	54.25	68.20	-13.95	peak

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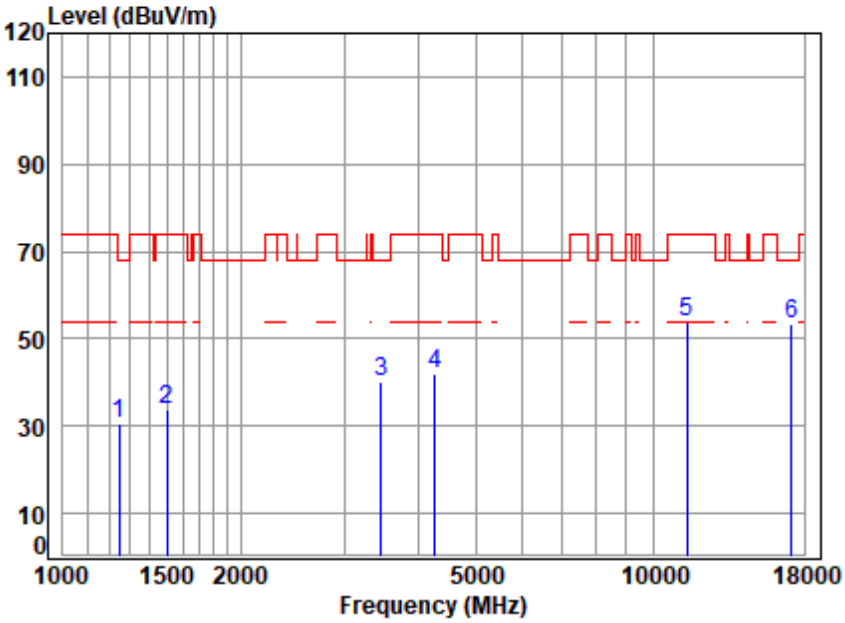
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5710 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.74	25.04	54.70	56.68	30.76	68.20	-37.44	peak
2	1498.781	4.04	26.77	54.78	57.91	33.94	74.00	-40.06	peak
3	3455.508	6.48	31.78	54.66	56.60	40.20	68.20	-28.00	peak
4	4267.237	6.98	33.87	54.27	55.48	42.06	74.00	-31.94	peak
5	11420.000	11.91	37.72	53.09	57.12	53.66	74.00	-20.34	peak
6	p17130.000	14.47	43.07	52.83	48.71	53.42	68.20	-14.78	peak

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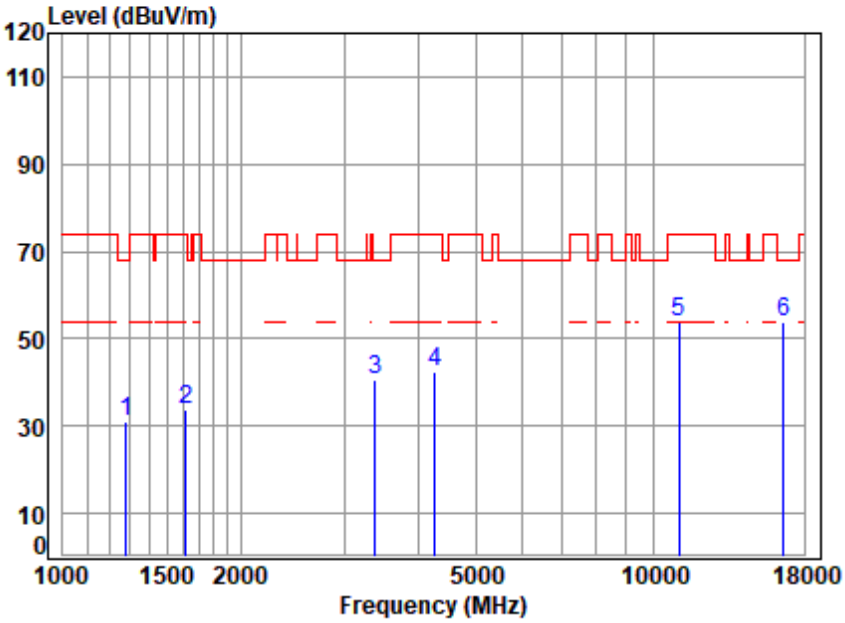
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	56.97	30.96	68.20	-37.24	peak
2	1615.754	4.21	26.64	54.81	57.93	33.97	74.00	-40.03	peak
3	3376.523	6.42	32.26	54.71	56.53	40.50	68.20	-27.70	peak
4	4267.237	6.98	33.87	54.27	56.03	42.61	74.00	-31.39	peak
5	11060.000	11.71	37.50	53.01	57.62	53.82	74.00	-20.18	peak
6	p16590.000	14.05	42.28	52.46	49.93	53.80	68.20	-14.40	peak

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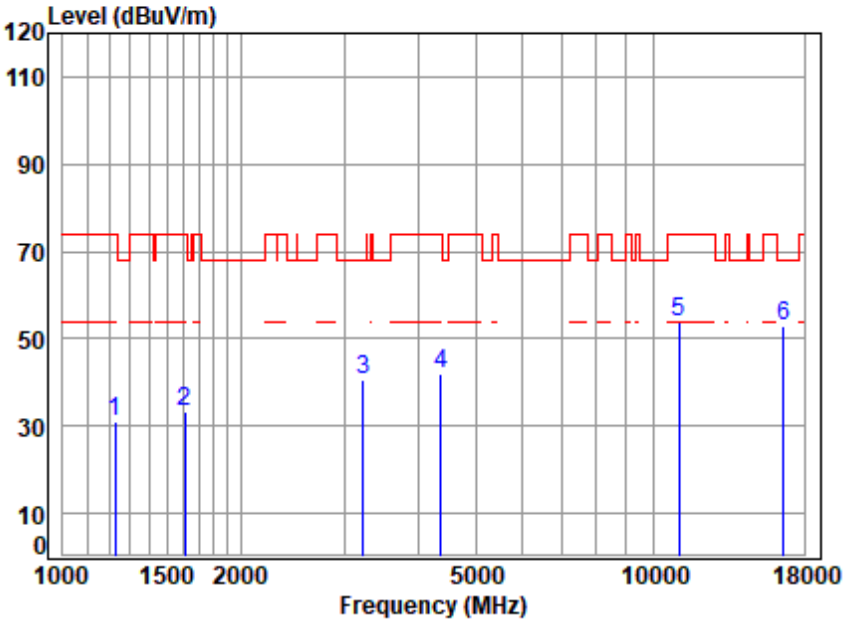
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	57.42	31.24	74.00	-42.76	peak
2	1611.091	4.20	26.69	54.81	57.44	33.52	74.00	-40.48	peak
3	3223.928	6.28	32.52	54.82	56.51	40.49	68.20	-27.71	peak
4	4367.058	7.10	34.54	54.26	54.63	42.01	74.00	-31.99	peak
5	11060.000	11.71	37.50	53.01	57.78	53.98	74.00	-20.02	peak
6	p16590.000	14.05	42.28	52.46	48.94	52.81	68.20	-15.39	peak

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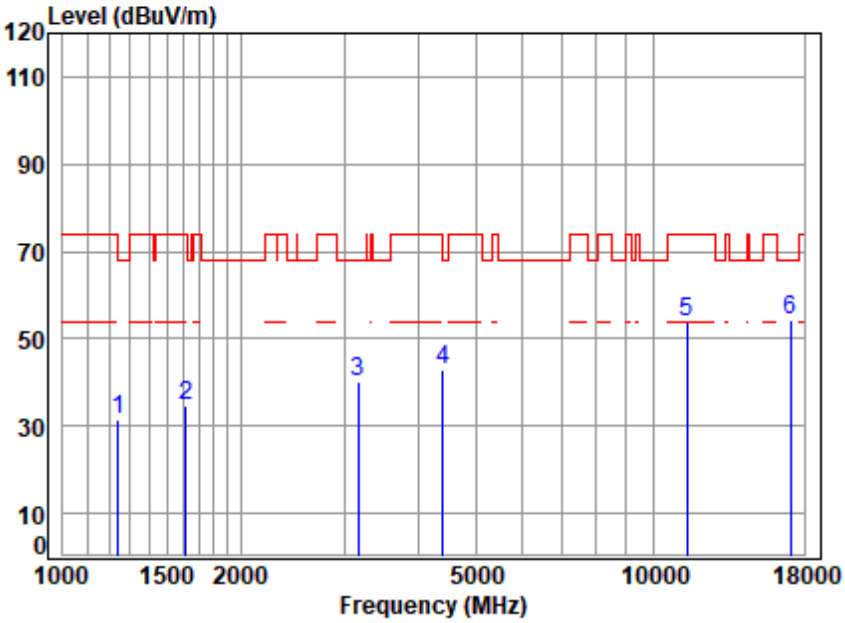
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5690 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	57.55	31.59	68.20	-36.61	peak
2	1615.754	4.21	26.64	54.81	58.48	34.52	74.00	-39.48	peak
3	3168.500	6.23	32.65	54.87	56.05	40.06	68.20	-28.14	peak
4	4405.090	7.14	34.74	54.26	55.29	42.91	68.20	-25.29	peak
5	11380.000	11.89	37.72	53.08	57.21	53.74	74.00	-20.26	peak
6	p17070.000	14.40	43.10	52.86	49.53	54.17	68.20	-14.03	peak

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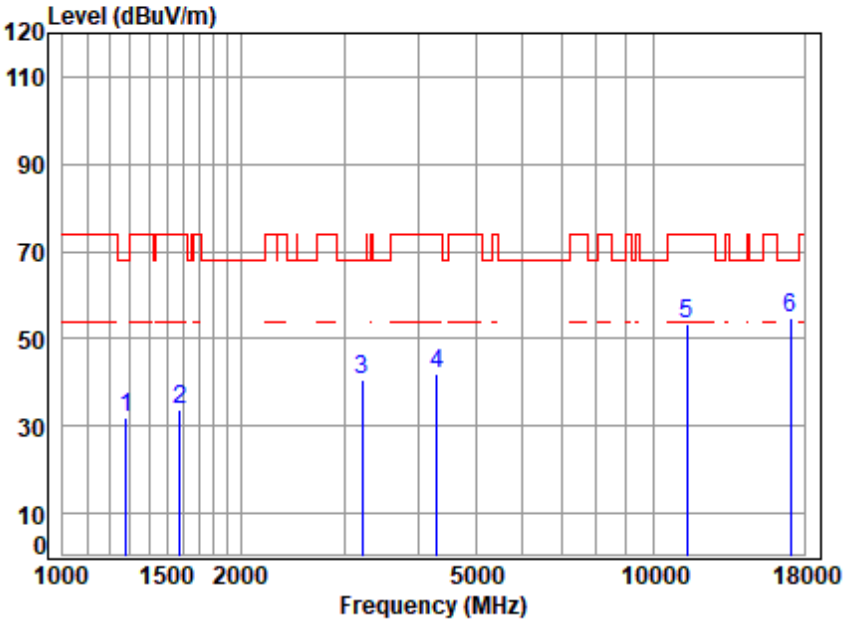
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5690 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.79	24.91	54.71	57.97	31.96	68.20	-36.24	peak
2	1578.822	4.16	26.88	54.80	57.57	33.81	74.00	-40.19	peak
3	3214.623	6.27	32.67	54.83	56.28	40.39	68.20	-27.81	peak
4	4304.400	7.02	34.04	54.27	55.23	42.02	74.00	-31.98	peak
5	11380.000	11.89	37.72	53.08	57.01	53.54	74.00	-20.46	peak
6	p17070.000	14.40	43.10	52.86	50.08	54.72	68.20	-13.48	peak

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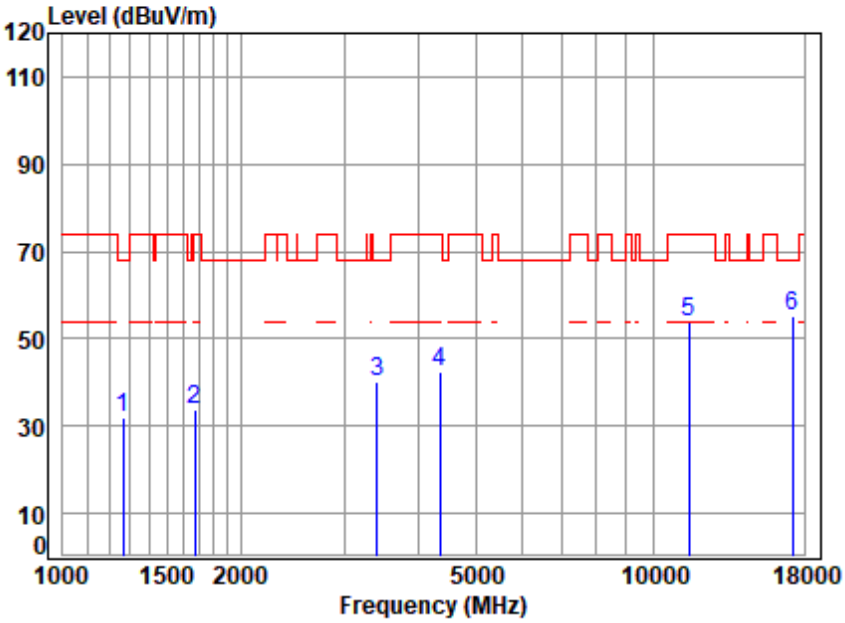
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.77	25.00	54.70	57.77	31.84	68.20	-36.36	peak
2	1672.779	4.29	26.25	54.82	57.85	33.57	74.00	-40.43	peak
3	3405.929	6.44	32.33	54.69	56.22	40.30	68.20	-27.90	peak
4	4354.454	7.08	34.44	54.26	55.27	42.53	74.00	-31.47	peak
5	11490.000	11.94	37.79	53.10	57.12	53.75	74.00	-20.25	peak
6	p17235.000	14.59	43.03	52.78	50.19	55.03	68.20	-13.17	peak

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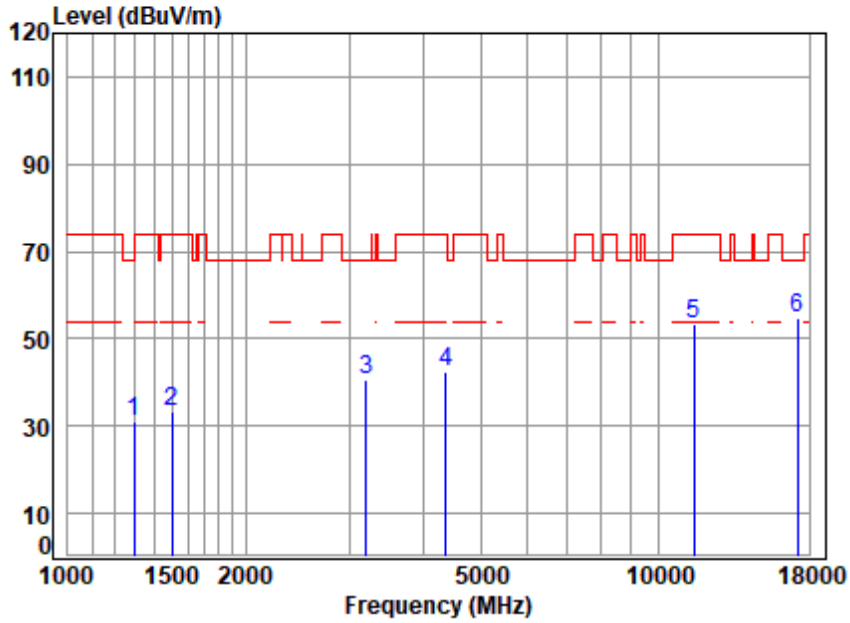
Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.81	24.82	54.71	57.06	30.98	68.20	-37.22	peak
2	1503.119	4.04	26.81	54.78	57.35	33.42	74.00	-40.58	peak
3	3196.094	6.25	32.87	54.85	56.24	40.51	68.20	-27.69	peak
4	4367.058	7.10	34.54	54.26	54.93	42.31	74.00	-31.69	peak
5	11490.000	11.94	37.79	53.10	56.72	53.35	74.00	-20.65	peak
6	p17235.000	14.59	43.03	52.78	49.94	54.78	68.20	-13.42	peak

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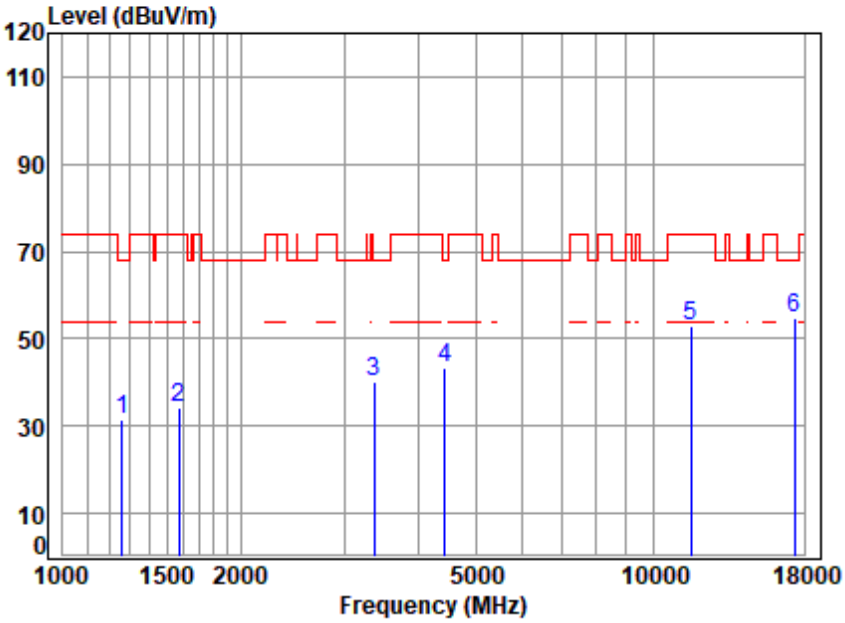
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.76	25.04	54.70	57.24	31.34	68.20	-36.86	peak
2	1574.265	4.15	26.90	54.80	57.81	34.06	74.00	-39.94	peak
3	3366.778	6.41	32.20	54.72	56.29	40.18	68.20	-28.02	peak
4	4443.453	7.19	34.28	54.25	56.09	43.31	68.20	-24.89	peak
5	11570.000	11.95	37.73	53.12	56.50	53.06	74.00	-20.94	peak
6	p17355.000	14.73	43.26	52.72	49.45	54.72	68.20	-13.48	peak

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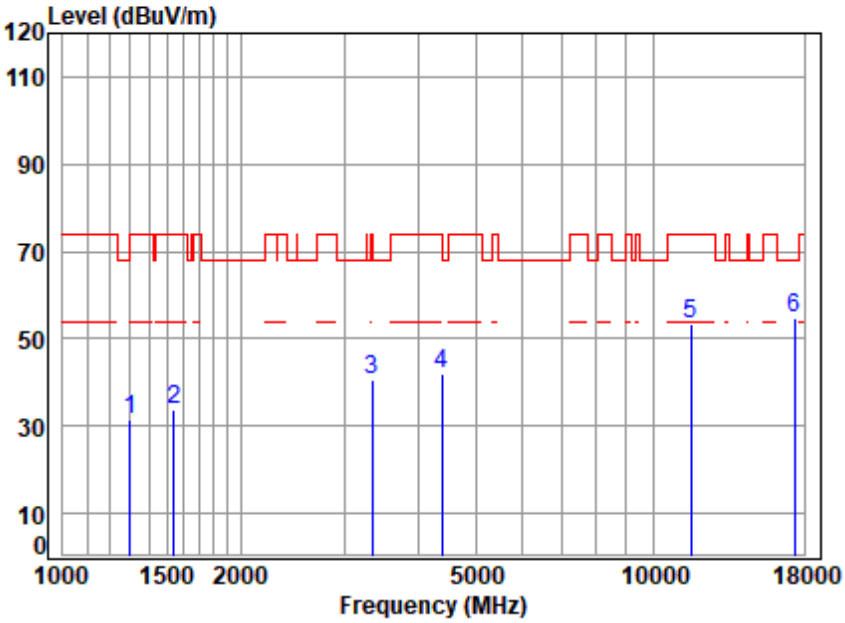
Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.81	24.79	54.71	57.37	31.26	74.00	-42.74	peak
2	1542.733	4.10	26.97	54.79	57.29	33.57	74.00	-40.43	peak
3	3347.371	6.39	32.05	54.73	56.87	40.58	74.00	-33.42	peak
4	4379.699	7.11	34.64	54.26	54.64	42.13	74.00	-31.87	peak
5	11570.000	11.95	37.73	53.12	56.91	53.47	74.00	-20.53	peak
6	p17355.000	14.73	43.26	52.72	49.62	54.89	68.20	-13.31	peak

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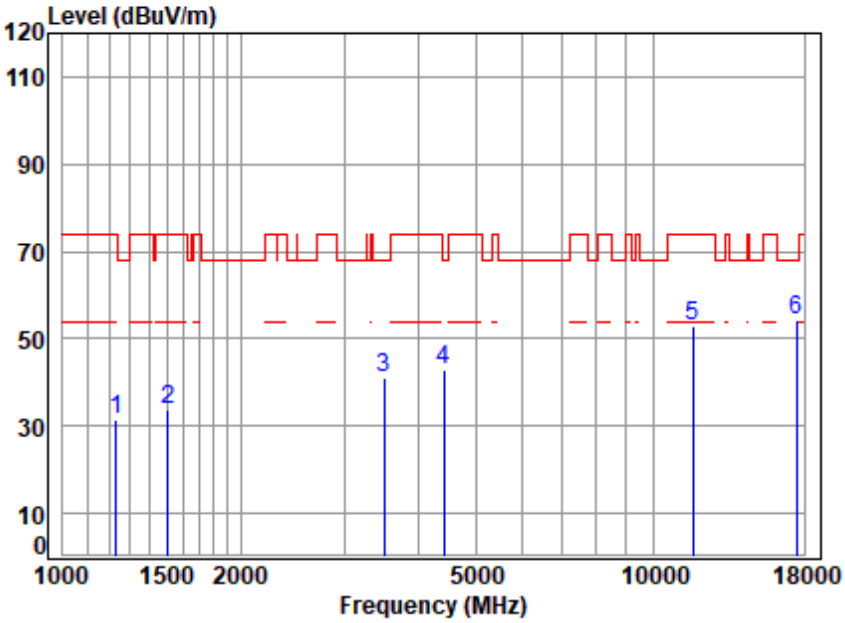
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.62	31.49	74.00	-42.51	peak
2	1507.470	4.05	26.83	54.78	57.67	33.77	74.00	-40.23	peak
3	3495.691	6.52	31.62	54.63	57.43	40.94	68.20	-27.26	peak
4	4417.841	7.16	34.59	54.26	55.40	42.89	68.20	-25.31	peak
5	11650.000	11.95	37.80	53.13	56.41	53.03	74.00	-20.97	peak
6	p17475.000	14.86	43.40	52.66	48.57	54.17	68.20	-14.03	peak

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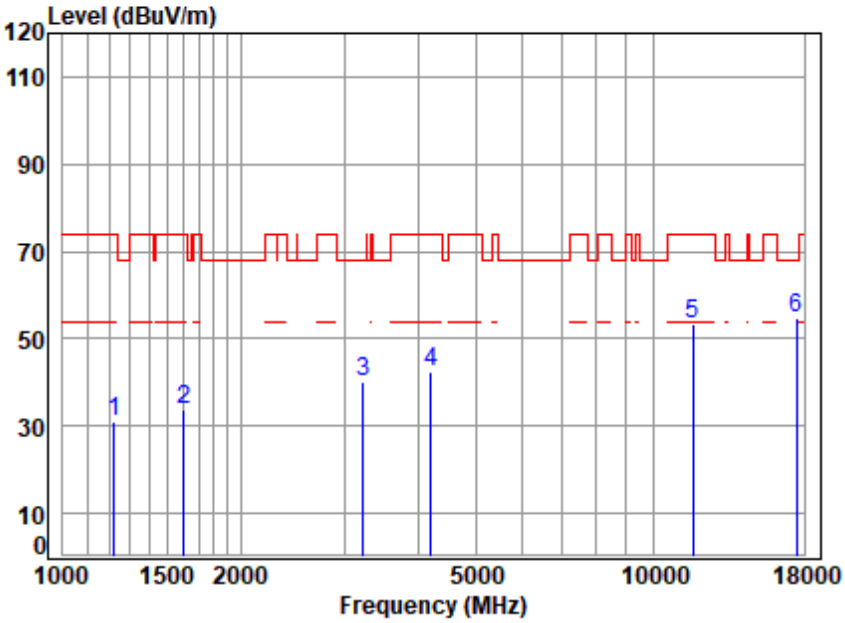
Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.71	24.74	54.69	57.40	31.16	74.00	-42.84	peak
2	1601.804	4.19	26.78	54.80	57.70	33.87	74.00	-40.13	peak
3	3223.928	6.28	32.52	54.82	56.06	40.04	68.20	-28.16	peak
4	4206.011	6.91	33.80	54.28	56.18	42.61	74.00	-31.39	peak
5	11650.000	11.95	37.80	53.13	56.72	53.34	74.00	-20.66	peak
6	p17475.000	14.86	43.40	52.66	49.19	54.79	68.20	-13.41	peak

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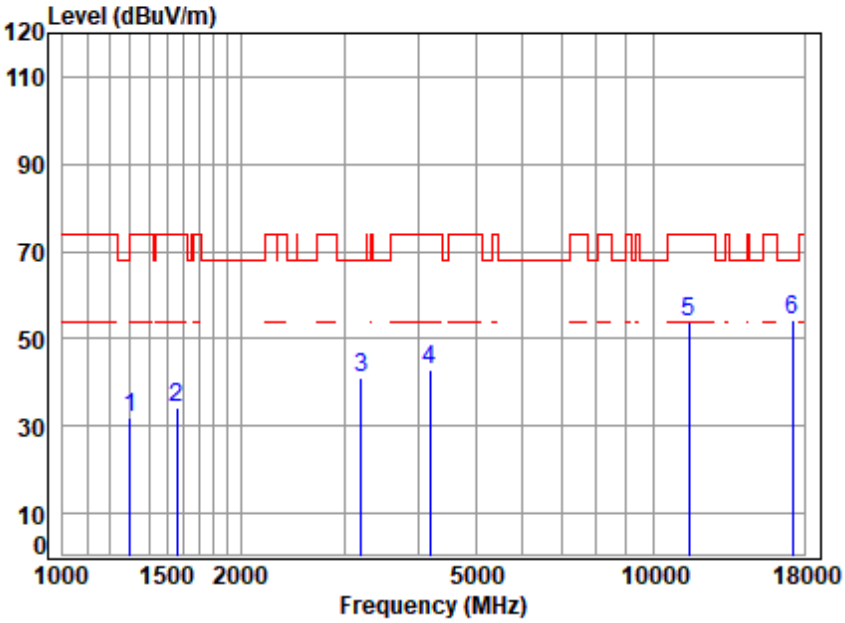
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.81	24.79	54.71	58.16	32.05	74.00	-41.95	peak
2	1560.673	4.13	26.96	54.79	57.91	34.21	74.00	-39.79	peak
3	3205.345	6.26	32.81	54.84	56.97	41.20	68.20	-27.00	peak
4	4181.768	6.88	33.80	54.28	56.28	42.68	74.00	-31.32	peak
5	11490.000	11.94	37.79	53.10	57.21	53.84	74.00	-20.16	peak
6	p17235.000	14.59	43.03	52.78	49.51	54.35	68.20	-13.85	peak

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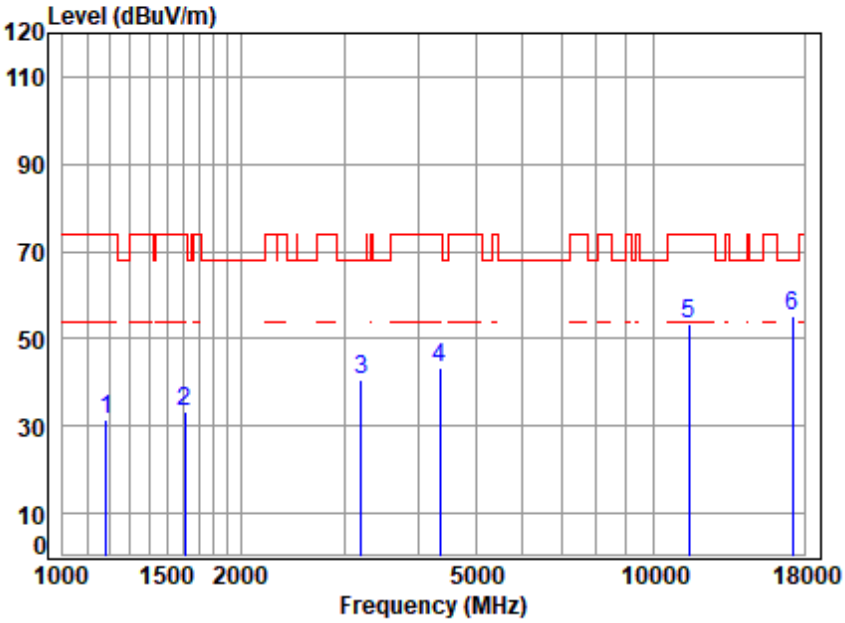
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.513	3.66	24.23	54.67	58.47	31.69	74.00	-42.31	peak
2	1611.091	4.20	26.69	54.81	57.30	33.38	74.00	-40.62	peak
3	3205.345	6.26	32.81	54.84	56.16	40.39	68.20	-27.81	peak
4	4354.454	7.08	34.44	54.26	56.05	43.31	74.00	-30.69	peak
5	11490.000	11.94	37.79	53.10	56.53	53.16	74.00	-20.84	peak
6	p17235.000	14.59	43.03	52.78	50.50	55.34	68.20	-12.86	peak

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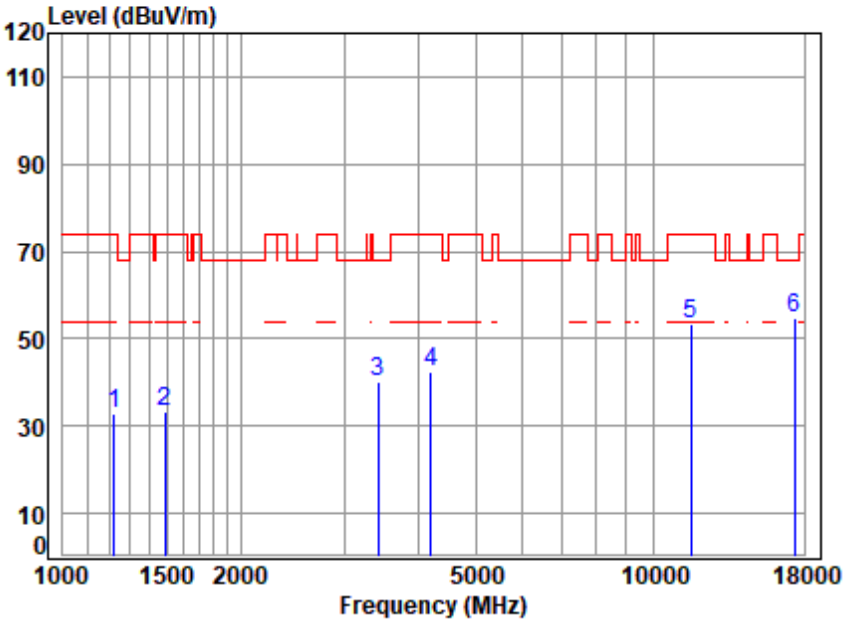
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.71	24.74	54.69	59.12	32.88	74.00	-41.12	peak
2	1490.142	4.03	26.52	54.77	57.65	33.43	74.00	-40.57	peak
3	3415.787	6.45	32.21	54.68	56.32	40.30	68.20	-27.90	peak
4	4206.011	6.91	33.80	54.28	55.97	42.40	74.00	-31.60	peak
5	11570.000	11.95	37.73	53.12	56.77	53.33	74.00	-20.67	peak
6	p17355.000	14.73	43.26	52.72	49.57	54.84	68.20	-13.36	peak

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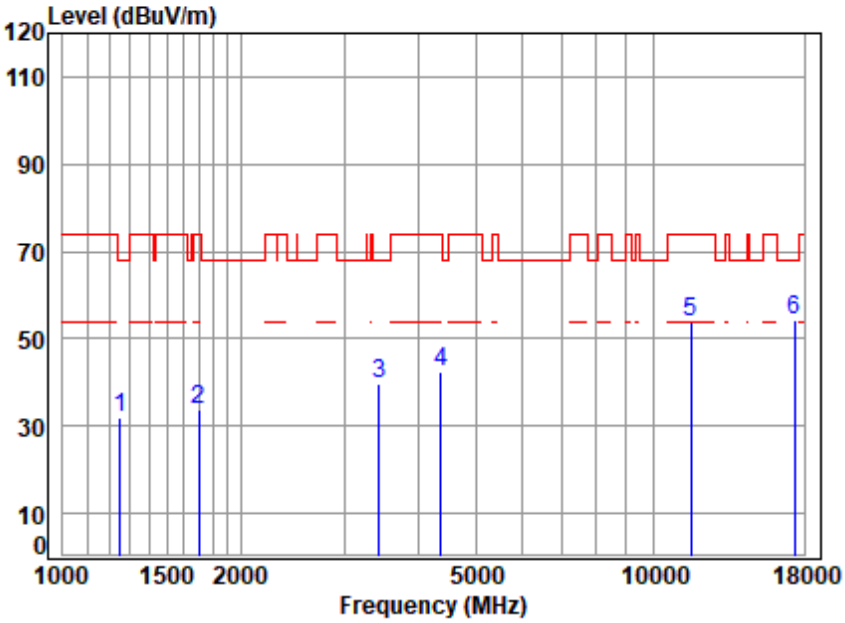
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.75	25.08	54.70	57.74	31.87	68.20	-36.33	peak
2	1697.129	4.32	26.21	54.83	57.85	33.55	74.00	-40.45	peak
3	3435.590	6.47	31.97	54.67	56.01	39.78	68.20	-28.42	peak
4	4367.058	7.10	34.54	54.26	55.19	42.57	74.00	-31.43	peak
5	11570.000	11.95	37.73	53.12	57.17	53.73	74.00	-20.27	peak
6	p17355.000	14.73	43.26	52.72	48.98	54.25	68.20	-13.95	peak

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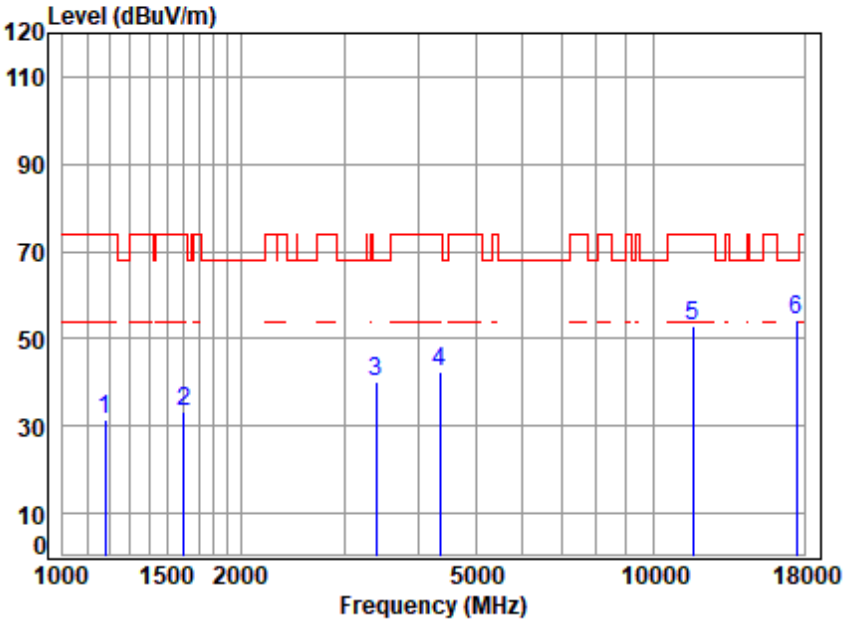
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1179.100	3.65	24.19	54.67	58.24	31.41	74.00	-42.59	peak
2	1606.441	4.19	26.74	54.81	57.37	33.49	74.00	-40.51	peak
3	3396.098	6.43	32.38	54.70	56.26	40.37	68.20	-27.83	peak
4	4354.454	7.08	34.44	54.26	55.18	42.44	74.00	-31.56	peak
5	11650.000	11.95	37.80	53.13	56.46	53.08	74.00	-20.92	peak
6	p17475.000	14.86	43.40	52.66	48.56	54.16	68.20	-14.04	peak

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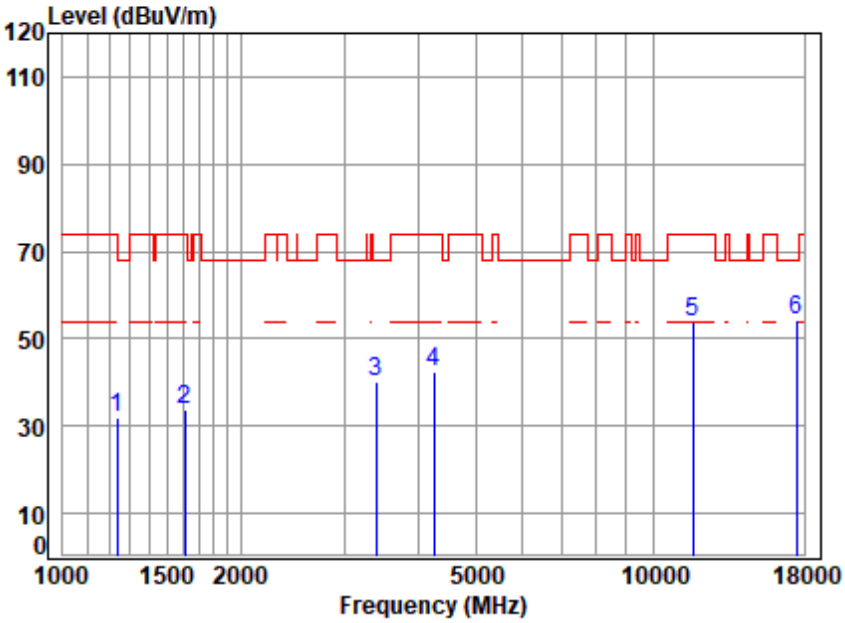
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	57.91	31.84	74.00	-42.16	peak
2	1611.091	4.20	26.69	54.81	57.61	33.69	74.00	-40.31	peak
3	3396.098	6.43	32.38	54.70	55.91	40.02	68.20	-28.18	peak
4	4242.641	6.95	33.80	54.27	56.04	42.52	74.00	-31.48	peak
5	11650.000	11.95	37.80	53.13	57.01	53.63	74.00	-20.37	peak
6	p17475.000	14.86	43.40	52.66	48.72	54.32	68.20	-13.88	peak

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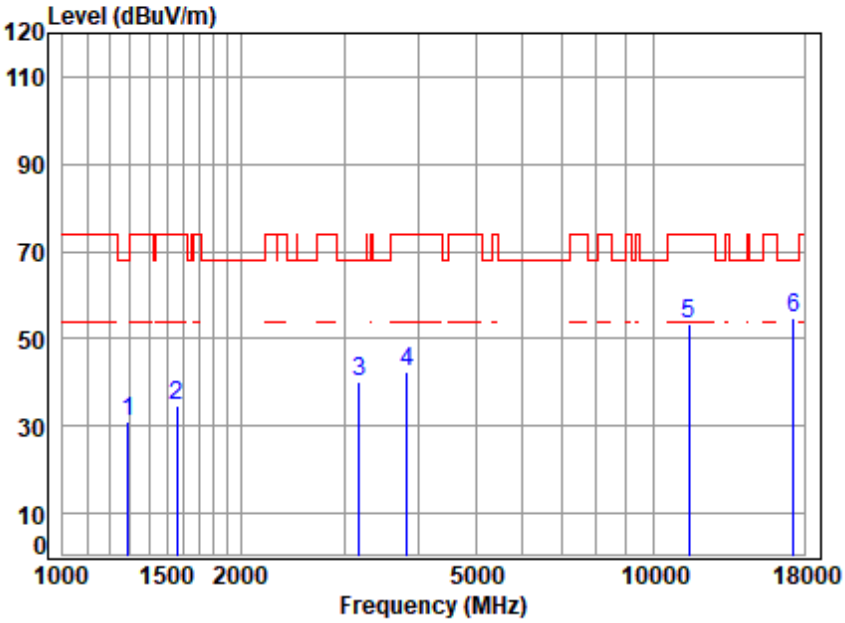
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	3.80	24.86	54.71	56.86	30.81	68.20	-37.39	peak
2	1560.673	4.13	26.96	54.79	58.16	34.46	74.00	-39.54	peak
3	3177.672	6.24	32.72	54.86	55.98	40.08	68.20	-28.12	peak
4	3834.438	6.61	32.88	54.40	57.25	42.34	74.00	-31.66	peak
5	11510.000	11.95	37.79	53.10	56.61	53.25	74.00	-20.75	peak
6	p17265.000	14.62	43.06	52.76	49.80	54.72	68.20	-13.48	peak

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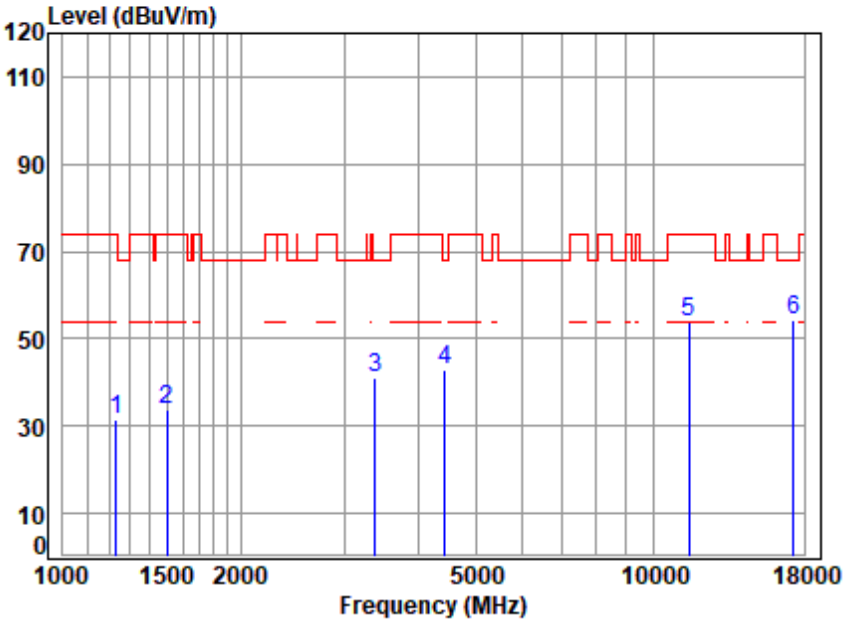
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.80	31.67	74.00	-42.33	peak
2	1498.781	4.04	26.77	54.78	57.96	33.99	74.00	-40.01	peak
3	3376.523	6.42	32.26	54.71	56.91	40.88	68.20	-27.32	peak
4	4443.453	7.19	34.28	54.25	55.73	42.95	68.20	-25.25	peak
5	11510.000	11.95	37.79	53.10	57.22	53.86	74.00	-20.14	peak
6	p17265.000	14.62	43.06	52.76	49.16	54.08	68.20	-14.12	peak

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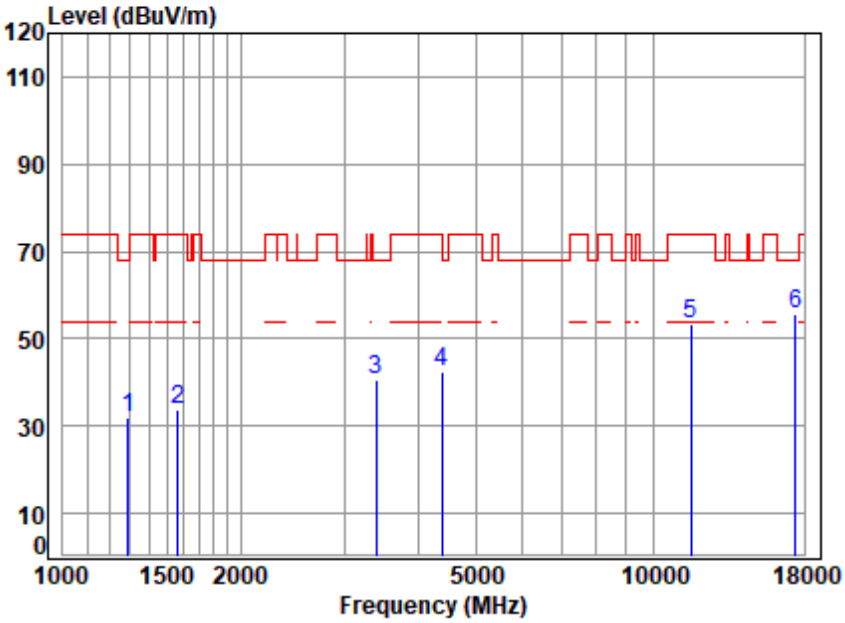
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	3.80	24.86	54.71	57.91	31.86	68.20	-36.34	peak
2	1569.721	4.14	26.92	54.80	57.61	33.87	74.00	-40.13	peak
3	3396.098	6.43	32.38	54.70	56.72	40.83	68.20	-27.37	peak
4	4379.699	7.11	34.64	54.26	54.77	42.26	74.00	-31.74	peak
5	11590.000	11.95	37.71	53.12	56.99	53.53	74.00	-20.47	peak
6	p17385.000	14.76	43.35	52.70	50.12	55.53	68.20	-12.67	peak

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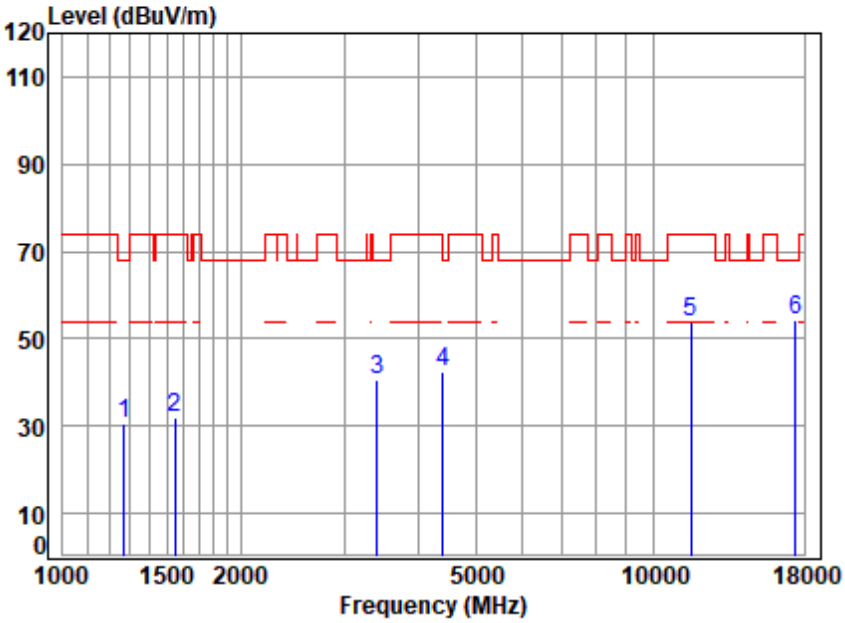
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	56.71	30.75	68.20	-37.45	peak
2	1547.199	4.11	26.99	54.79	55.52	31.83	74.00	-42.17	peak
3	3405.929	6.44	32.33	54.69	56.59	40.67	68.20	-27.53	peak
4	4405.090	7.14	34.74	54.26	54.88	42.50	68.20	-25.70	peak
5	11590.000	11.95	37.71	53.12	57.29	53.83	74.00	-20.17	peak
6	p17385.000	14.76	43.35	52.70	49.07	54.48	68.20	-13.72	peak

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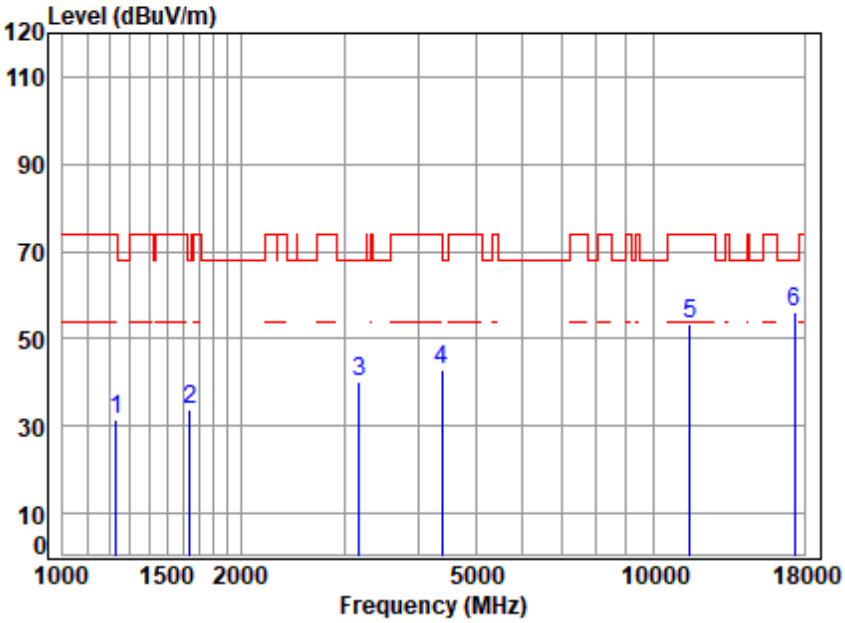
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.50	31.37	74.00	-42.63	peak
2	1639.274	4.24	26.41	54.81	57.98	33.82	68.20	-34.38	peak
3	3177.672	6.24	32.72	54.86	56.14	40.24	68.20	-27.96	peak
4	4379.699	7.11	34.64	54.26	55.39	42.88	74.00	-31.12	peak
5	11550.000	11.95	37.75	53.11	56.65	53.24	74.00	-20.76	peak
6	p17325.000	14.69	43.17	52.73	50.86	55.99	68.20	-12.21	peak

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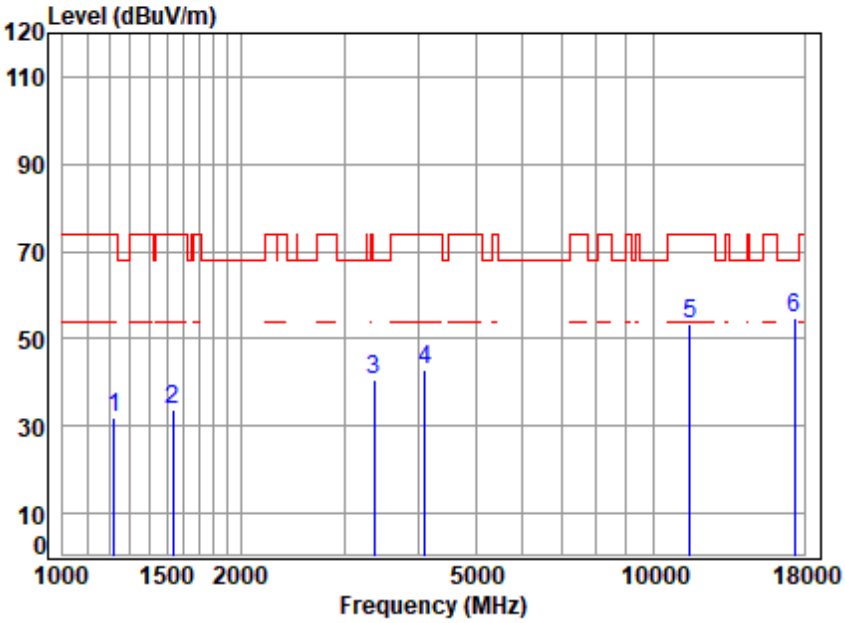
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.71	24.74	54.69	57.99	31.75	74.00	-42.25	peak
2	1538.281	4.10	26.95	54.79	57.60	33.86	74.00	-40.14	peak
3	3366.778	6.41	32.20	54.72	56.70	40.59	68.20	-27.61	peak
4	4109.872	6.79	33.16	54.29	57.08	42.74	74.00	-31.26	peak
5	11550.000	11.95	37.75	53.11	56.60	53.19	74.00	-20.81	peak
6	p17325.000	14.69	43.17	52.73	49.73	54.86	68.20	-13.34	peak

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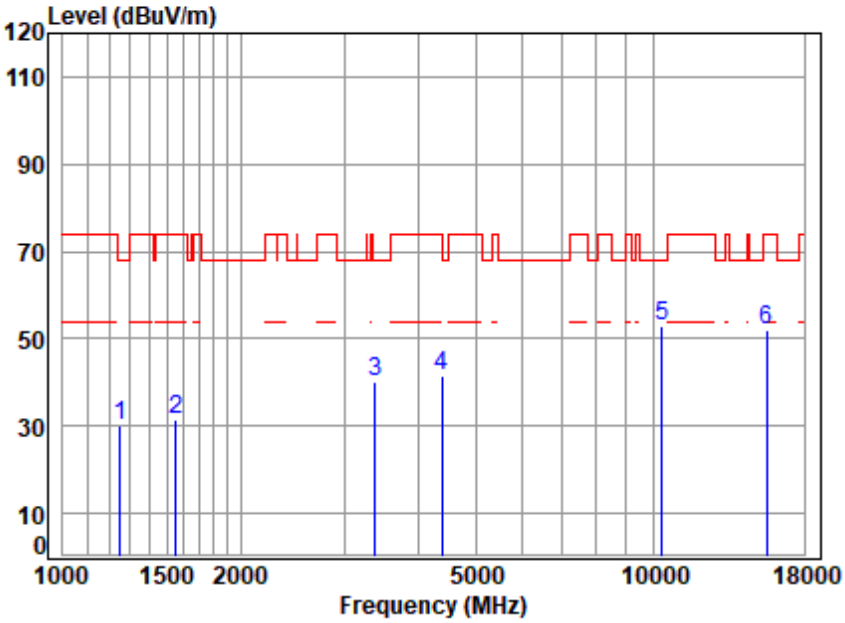
Internal antenna path:

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.75	25.09	54.70	55.96	30.10	68.20	-38.10	peak
2	1551.677	4.12	26.99	54.79	55.05	31.37	74.00	-42.63	peak
3	3386.297	6.42	32.32	54.71	56.05	40.08	68.20	-28.12	peak
4	4392.376	7.13	34.74	54.26	54.07	41.68	74.00	-32.32	peak
5	p10360.000	11.14	37.10	53.13	57.76	52.87	68.20	-15.33	peak
6	15540.000	13.79	41.10	52.16	49.51	52.24	74.00	-21.76	peak

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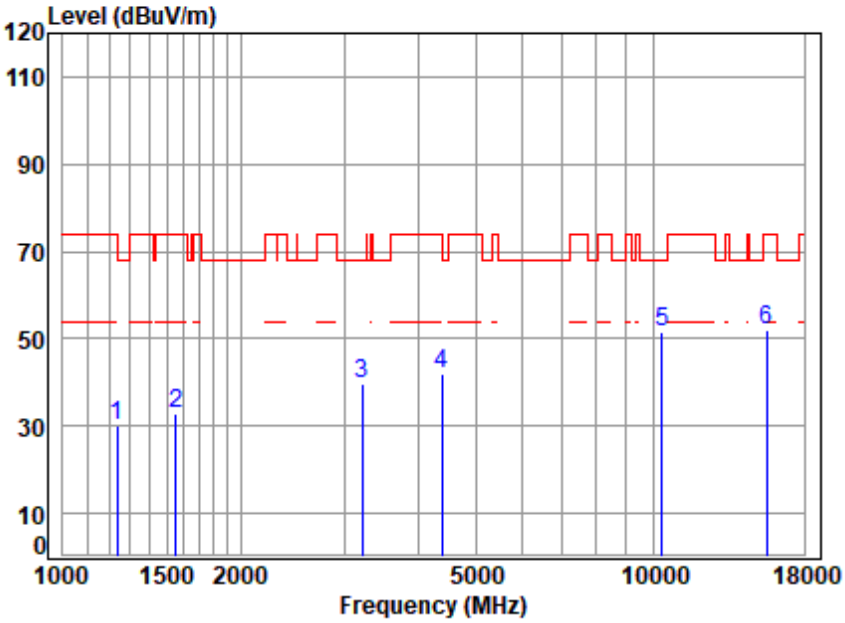
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	56.30	30.28	74.00	-43.72	peak
2	1551.677	4.12	26.99	54.79	56.33	32.65	74.00	-41.35	peak
3	3214.623	6.27	32.67	54.83	55.68	39.79	68.20	-28.41	peak
4	4379.699	7.11	34.64	54.26	54.68	42.17	74.00	-31.83	peak
5	p10360.000	11.14	37.10	53.13	56.24	51.35	68.20	-16.85	peak
6	15540.000	13.79	41.10	52.16	49.28	52.01	74.00	-21.99	peak

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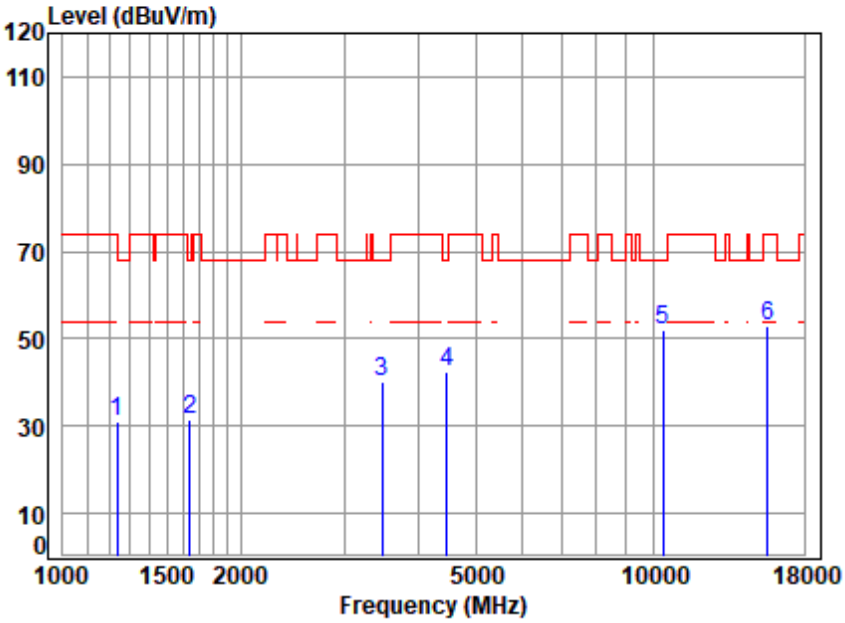
Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	56.90	30.88	74.00	-43.12	peak
2	1644.019	4.25	26.36	54.82	55.91	31.70	68.20	-36.50	peak
3	3475.541	6.50	31.70	54.64	56.47	40.03	68.20	-28.17	peak
4	4469.214	7.22	33.97	54.25	55.35	42.29	68.20	-25.91	peak
5	p10400.000	11.20	37.10	53.12	56.84	52.02	68.20	-16.18	peak
6	15600.000	13.86	41.10	52.11	49.92	52.77	74.00	-21.23	peak

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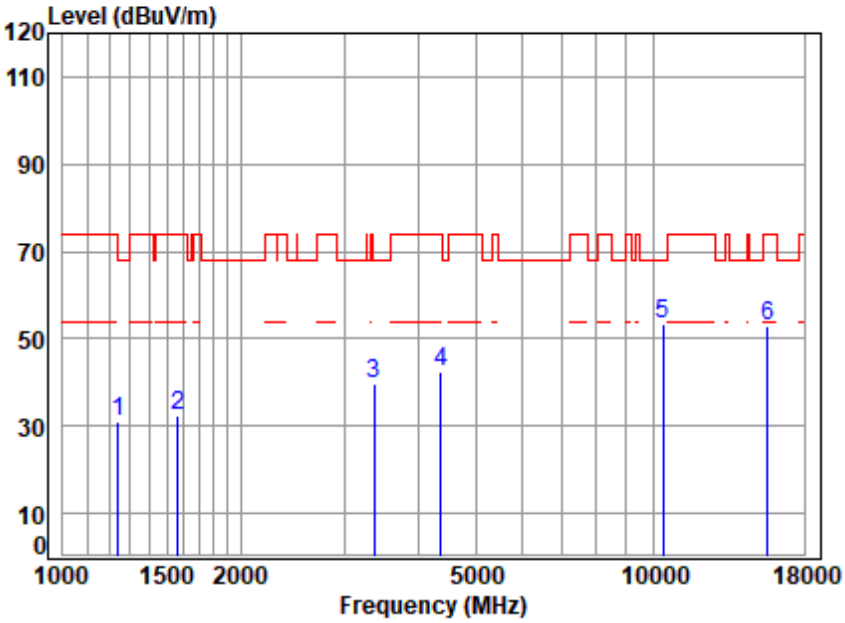
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	56.98	31.02	68.20	-37.18	peak
2	1569.721	4.14	26.92	54.80	56.08	32.34	74.00	-41.66	peak
3	3366.778	6.41	32.20	54.72	55.83	39.72	68.20	-28.48	peak
4	4367.058	7.10	34.54	54.26	55.14	42.52	74.00	-31.48	peak
5	p10400.000	11.20	37.10	53.12	58.36	53.54	68.20	-14.66	peak
6	15600.000	13.86	41.10	52.11	50.22	53.07	74.00	-20.93	peak

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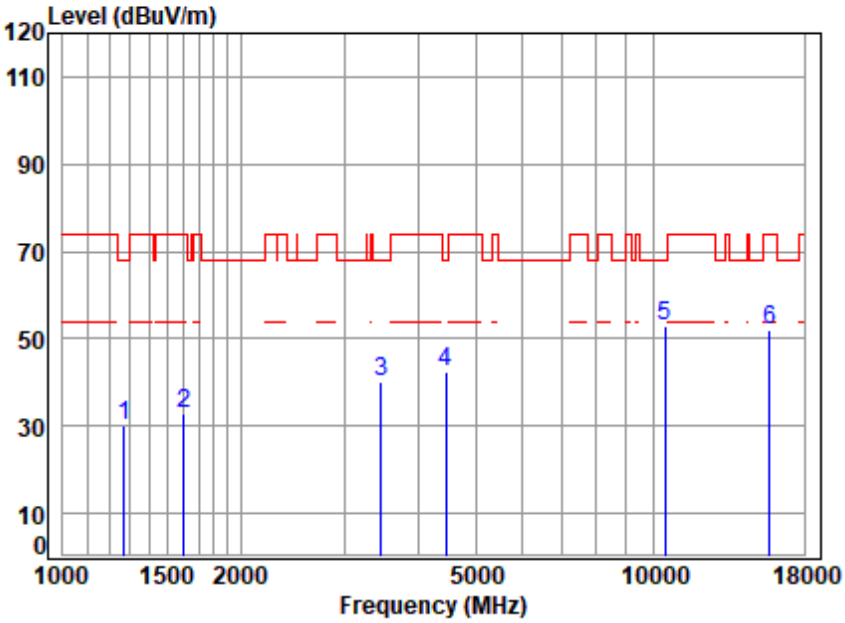
Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	55.92	29.96	68.20	-38.24	peak
2	1606.441	4.19	26.74	54.81	56.62	32.74	74.00	-41.26	peak
3	3465.510	6.49	31.74	54.65	56.44	40.02	68.20	-28.18	peak
4	4456.315	7.20	34.12	54.25	55.46	42.53	68.20	-25.67	peak
5	p10480.000	11.33	37.26	53.10	57.41	52.90	68.20	-15.30	peak
6	15720.000	14.01	41.22	52.02	48.75	51.96	74.00	-22.04	peak

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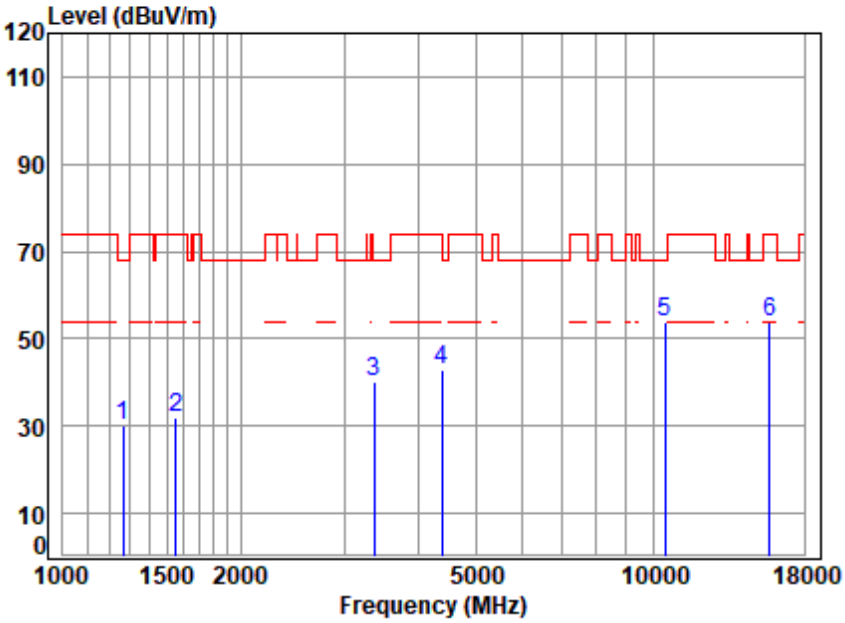
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.77	25.00	54.70	56.09	30.16	68.20	-38.04	peak
2	1551.677	4.12	26.99	54.79	55.84	32.16	74.00	-41.84	peak
3	3366.778	6.41	32.20	54.72	56.09	39.98	68.20	-28.22	peak
4	4379.699	7.11	34.64	54.26	55.32	42.81	74.00	-31.19	peak
5	p10480.000	11.33	37.26	53.10	58.30	53.79	68.20	-14.41	peak
6	15720.000	14.01	41.22	52.02	50.53	53.74	74.00	-20.26	peak

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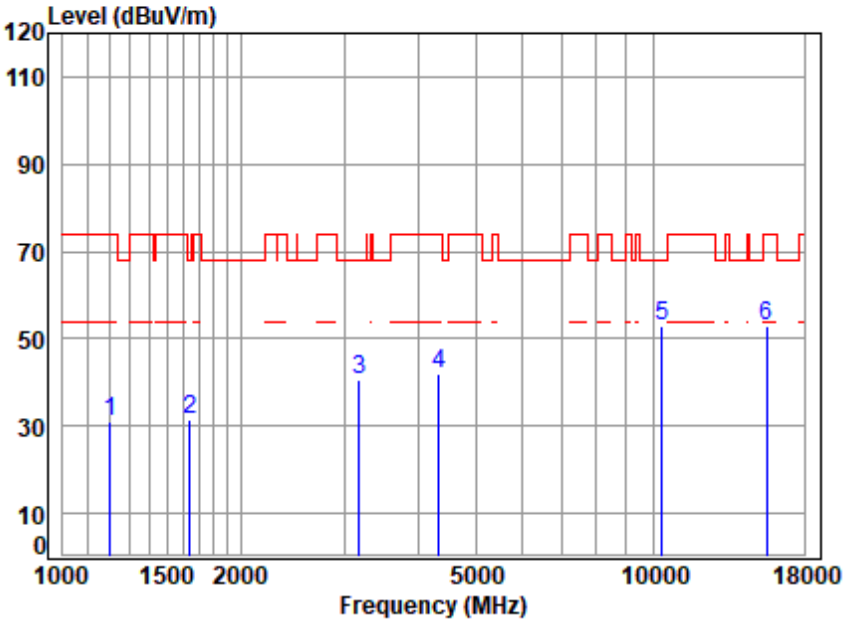
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	3.69	24.44	54.68	57.63	31.08	74.00	-42.92	peak
2	1639.274	4.24	26.41	54.81	55.82	31.66	68.20	-36.54	peak
3	3177.672	6.24	32.72	54.86	56.44	40.54	68.20	-27.66	peak
4	4329.354	7.05	34.23	54.26	55.01	42.03	74.00	-31.97	peak
5	p10360.000	11.14	37.10	53.13	57.83	52.94	68.20	-15.26	peak
6	15540.000	13.79	41.10	52.16	50.33	53.06	74.00	-20.94	peak

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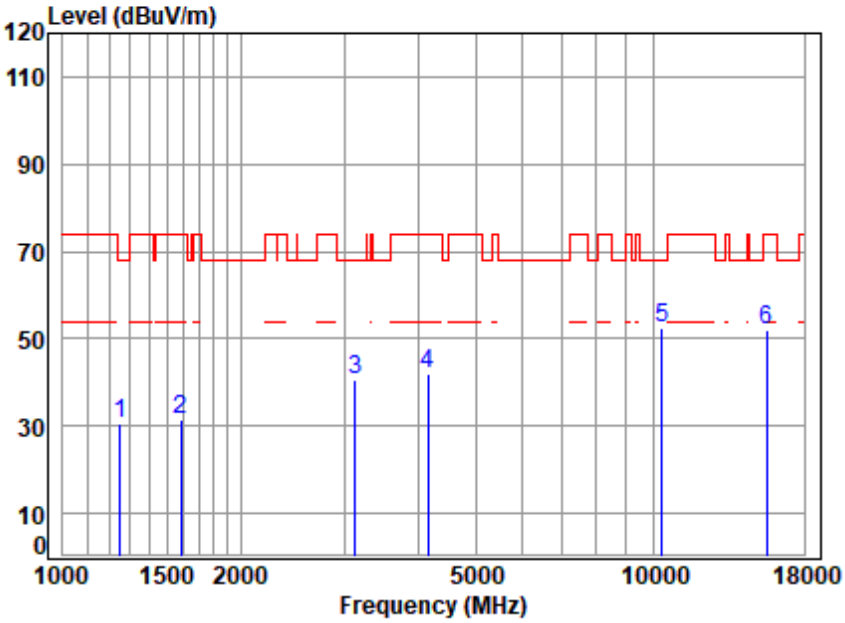
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.75	25.08	54.70	56.59	30.72	68.20	-37.48	peak
2	1583.392	4.16	26.87	54.80	55.13	31.36	74.00	-42.64	peak
3	3132.079	6.20	32.18	54.90	57.17	40.65	68.20	-27.55	peak
4	4145.664	6.83	33.73	54.28	55.89	42.17	74.00	-31.83	peak
5	p10360.000	11.14	37.10	53.13	57.27	52.38	68.20	-15.82	peak
6	15540.000	13.79	41.10	52.16	49.26	51.99	74.00	-22.01	peak

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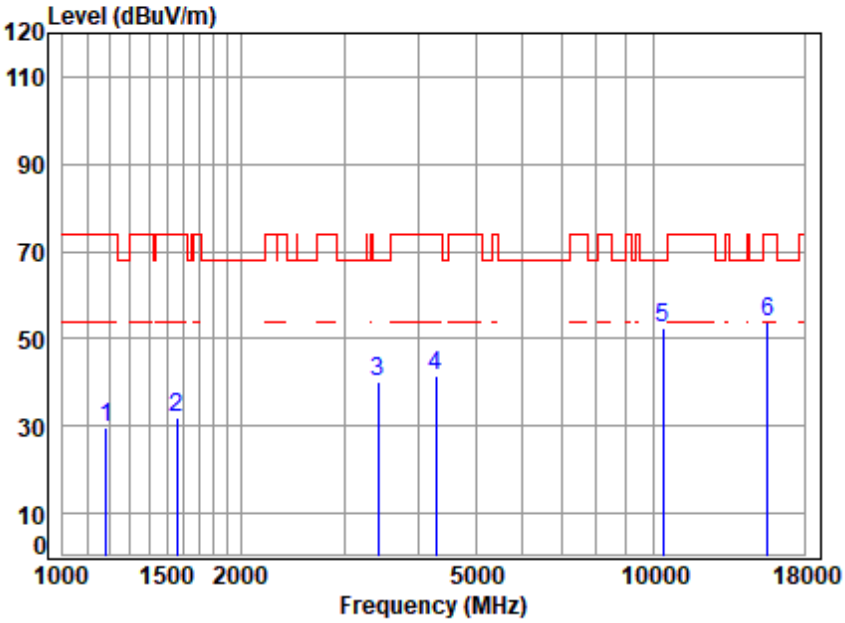
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.513	3.66	24.23	54.67	56.39	29.61	74.00	-44.39	peak
2	1560.673	4.13	26.96	54.79	55.54	31.84	74.00	-42.16	peak
3	3425.675	6.46	32.09	54.68	56.26	40.13	68.20	-28.07	peak
4	4279.589	6.99	33.92	54.27	54.84	41.48	74.00	-32.52	peak
5	p10400.000	11.20	37.10	53.12	57.34	52.52	68.20	-15.68	peak
6	15600.000	13.86	41.10	52.11	50.82	53.67	74.00	-20.33	peak

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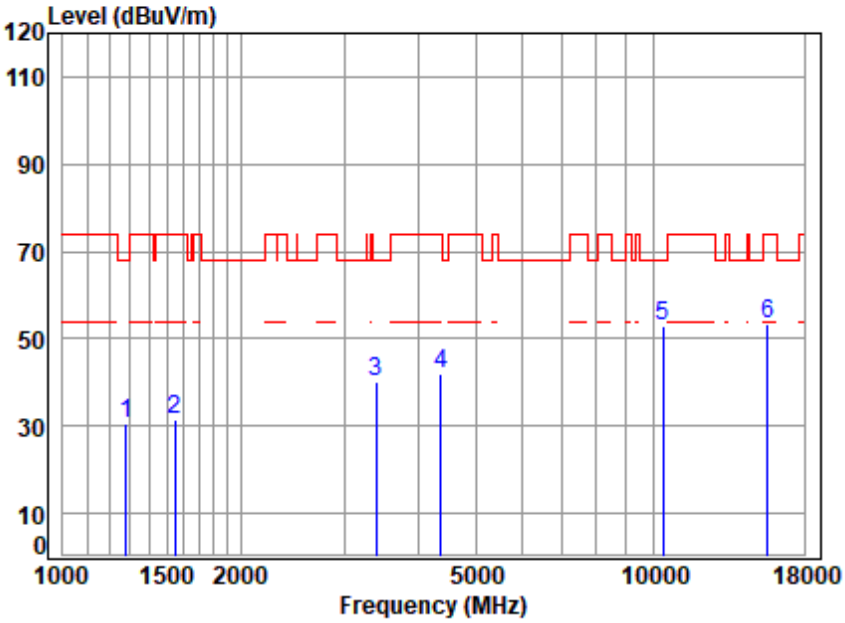
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	3.78	24.93	54.71	56.45	30.45	68.20	-37.75	peak
2	1547.199	4.11	26.99	54.79	55.40	31.71	74.00	-42.29	peak
3	3396.098	6.43	32.38	54.70	56.25	40.36	68.20	-27.84	peak
4	4367.058	7.10	34.54	54.26	54.47	41.85	74.00	-32.15	peak
5	p10400.000	11.20	37.10	53.12	57.53	52.71	68.20	-15.49	peak
6	15600.000	13.86	41.10	52.11	50.38	53.23	74.00	-20.77	peak

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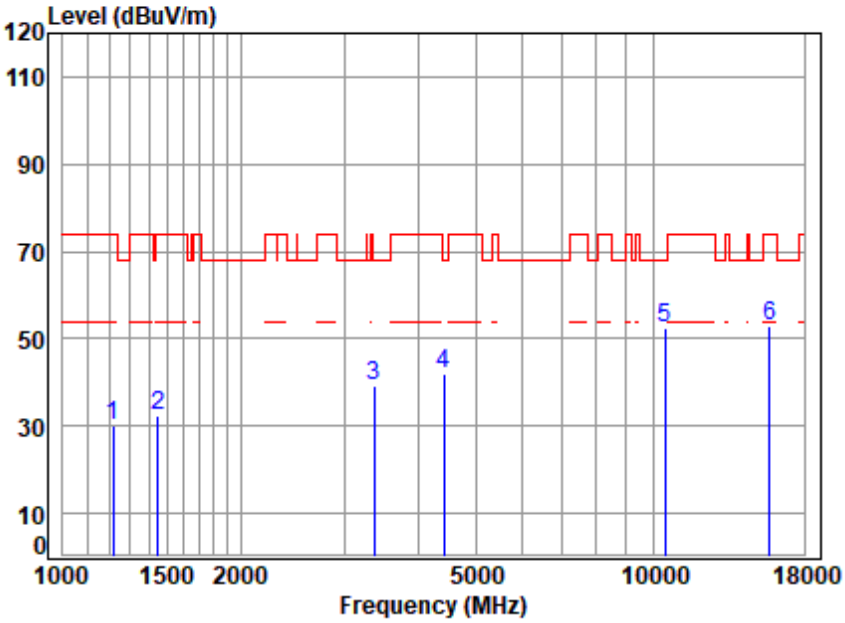
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.71	24.64	54.69	56.33	29.99	74.00	-44.01	peak
2	1451.878	3.99	25.45	54.76	57.94	32.62	74.00	-41.38	peak
3	3366.778	6.41	32.20	54.72	55.45	39.34	68.20	-28.86	peak
4	4417.841	7.16	34.59	54.26	54.70	42.19	68.20	-26.01	peak
5	p10480.000	11.33	37.26	53.10	56.80	52.29	68.20	-15.91	peak
6	15720.000	14.01	41.22	52.02	49.65	52.86	74.00	-21.14	peak

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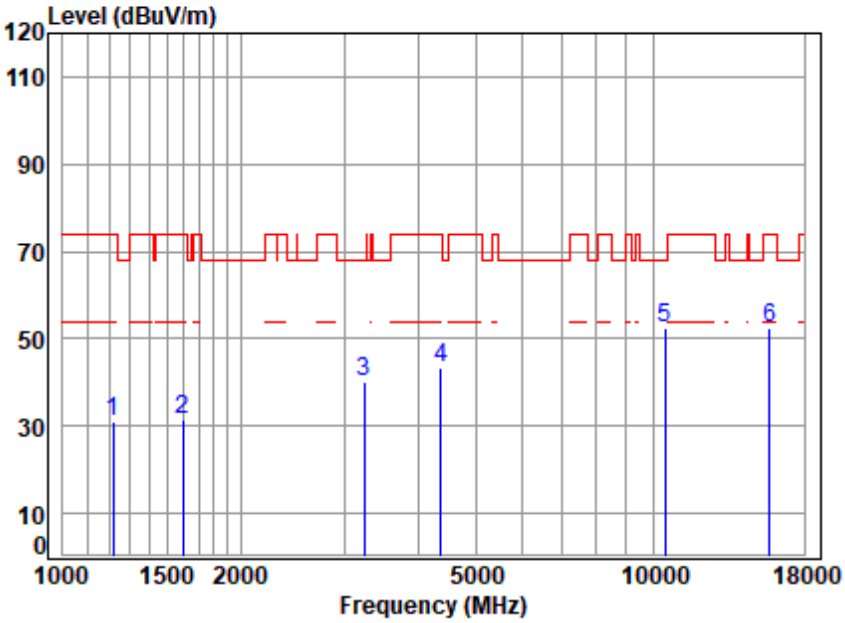
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.71	24.64	54.69	57.49	31.15	74.00	-42.85	peak
2	1597.181	4.18	26.81	54.80	55.37	31.56	74.00	-42.44	peak
3	3233.260	6.29	32.37	54.82	56.26	40.10	68.20	-28.10	peak
4	4367.058	7.10	34.54	54.26	56.02	43.40	74.00	-30.60	peak
5	p10480.000	11.33	37.26	53.10	56.89	52.38	68.20	-15.82	peak
6	15720.000	14.01	41.22	52.02	49.04	52.25	74.00	-21.75	peak

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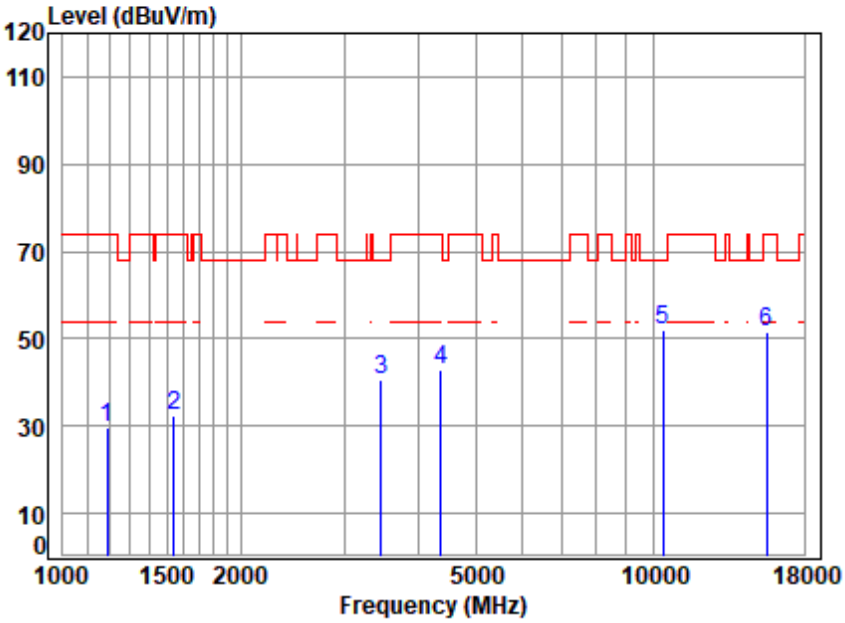
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1189.368	3.67	24.29	54.68	56.37	29.65	74.00	-44.35	peak
2	1542.733	4.10	26.97	54.79	56.15	32.43	74.00	-41.57	peak
3	3455.508	6.48	31.78	54.66	57.00	40.60	68.20	-27.60	peak
4	4367.058	7.10	34.54	54.26	55.34	42.72	74.00	-31.28	peak
5	p10380.000	11.17	37.10	53.12	57.00	52.15	68.20	-16.05	peak
6	15570.000	13.83	41.10	52.14	48.92	51.71	74.00	-22.29	peak

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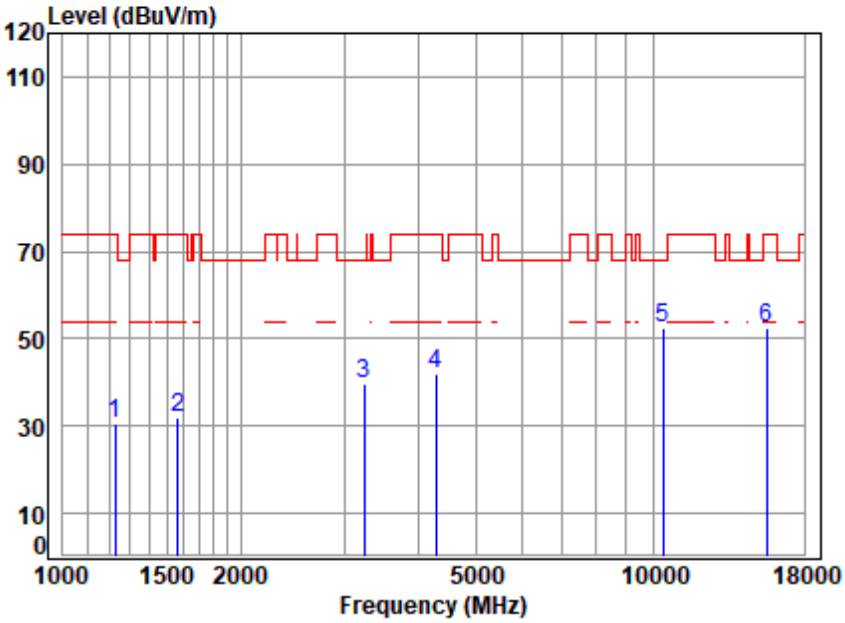
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.98	30.80	74.00	-43.20	peak
2	1565.191	4.14	26.94	54.79	55.60	31.89	74.00	-42.11	peak
3	3233.260	6.29	32.37	54.82	55.98	39.82	68.20	-28.38	peak
4	4291.977	7.01	33.97	54.27	55.09	41.80	74.00	-32.20	peak
5	p10380.000	11.17	37.10	53.12	57.48	52.63	68.20	-15.57	peak
6	15570.000	13.83	41.10	52.14	49.74	52.53	74.00	-21.47	peak

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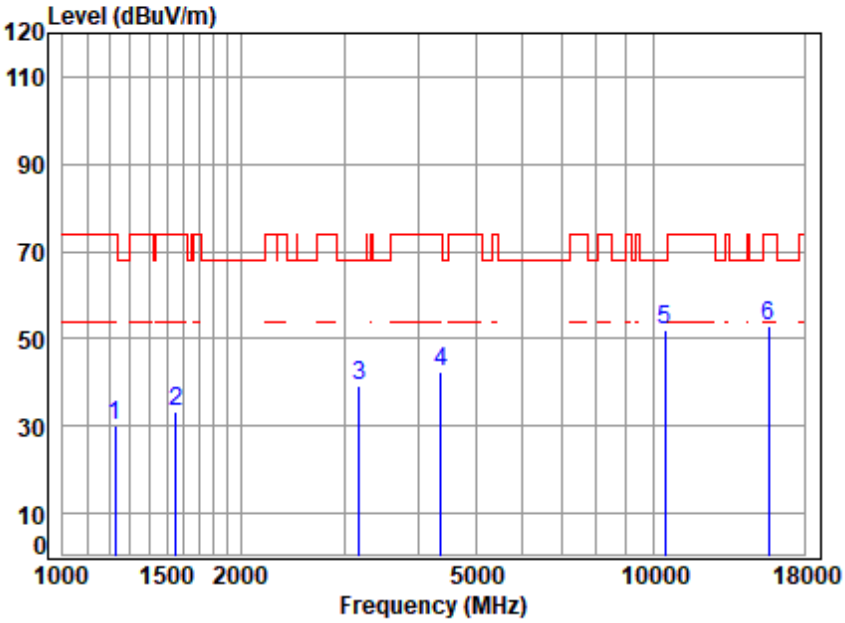
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.40	30.22	74.00	-43.78	peak
2	1556.169	4.12	26.98	54.79	56.84	33.15	74.00	-40.85	peak
3	3177.672	6.24	32.72	54.86	55.36	39.46	68.20	-28.74	peak
4	4367.058	7.10	34.54	54.26	54.87	42.25	74.00	-31.75	peak
5	p10460.000	11.30	37.22	53.11	56.77	52.18	68.20	-16.02	peak
6	15690.000	13.97	41.19	52.04	49.91	53.03	74.00	-20.97	peak

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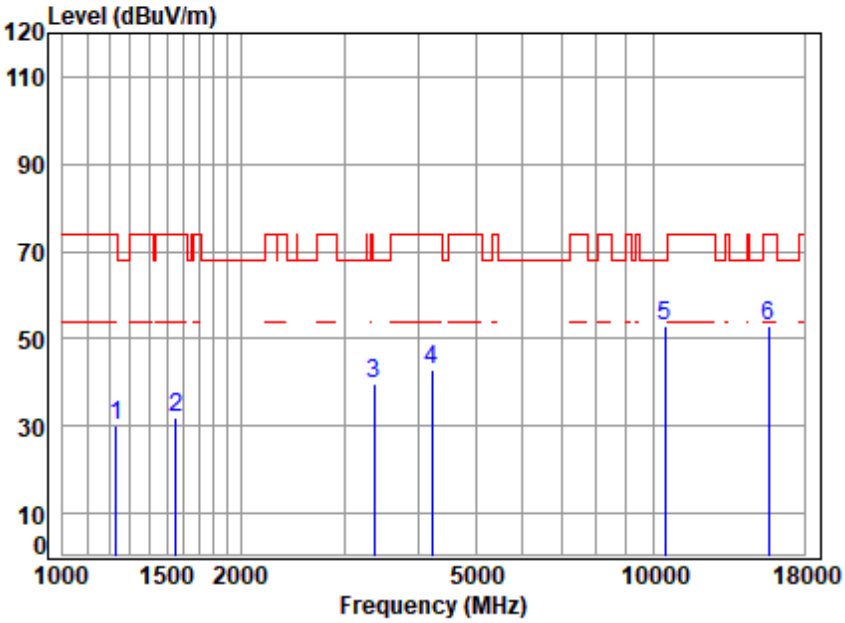
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.47	30.34	74.00	-43.66	peak
2	1556.169	4.12	26.98	54.79	55.81	32.12	74.00	-41.88	peak
3	3366.778	6.41	32.20	54.72	55.92	39.81	68.20	-28.39	peak
4	4218.186	6.92	33.80	54.28	56.24	42.68	74.00	-31.32	peak
5	p10460.000	11.30	37.22	53.11	57.37	52.78	68.20	-15.42	peak
6	15690.000	13.97	41.19	52.04	49.82	52.94	74.00	-21.06	peak

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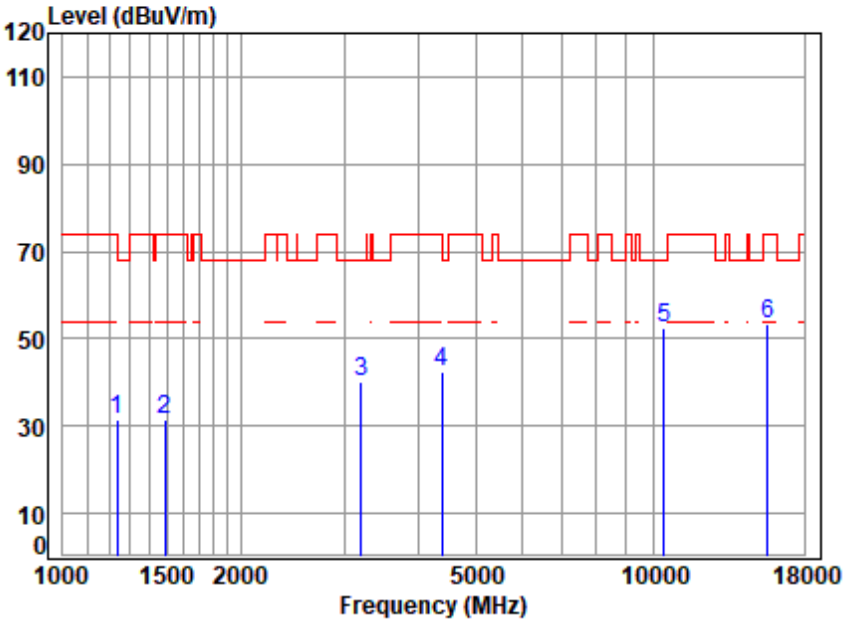
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.29	31.27	74.00	-42.73	peak
2	1490.142	4.03	26.52	54.77	55.55	31.33	74.00	-42.67	peak
3	3205.345	6.26	32.81	54.84	55.92	40.15	68.20	-28.05	peak
4	4379.699	7.11	34.64	54.26	54.81	42.30	74.00	-31.70	peak
5	p10420.000	11.23	37.14	53.11	57.35	52.61	68.20	-15.59	peak
6	15630.000	13.90	41.13	52.09	50.22	53.16	74.00	-20.84	peak

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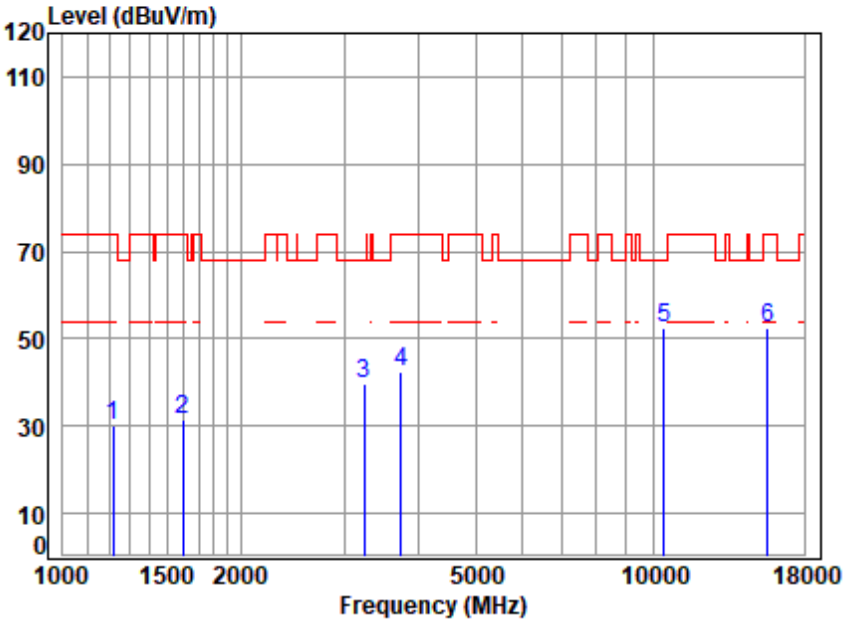
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.71	24.64	54.69	56.61	30.27	74.00	-43.73	peak
2	1597.181	4.18	26.81	54.80	55.40	31.59	74.00	-42.41	peak
3	3233.260	6.29	32.37	54.82	55.88	39.72	68.20	-28.48	peak
4	3746.792	6.59	32.91	54.46	57.54	42.58	74.00	-31.42	peak
5	p10420.000	11.23	37.14	53.11	57.24	52.50	68.20	-15.70	peak
6	15630.000	13.90	41.13	52.09	49.31	52.25	74.00	-21.75	peak

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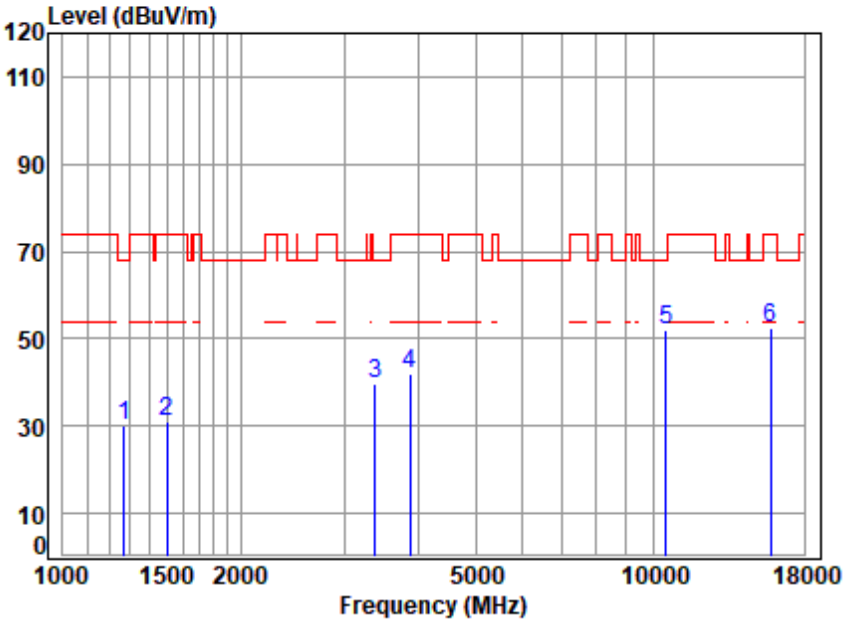
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	56.25	30.29	68.20	-37.91	peak
2	1503.119	4.04	26.81	54.78	55.01	31.08	74.00	-42.92	peak
3	3376.523	6.42	32.26	54.71	55.88	39.85	68.20	-28.35	peak
4	3879.027	6.62	33.51	54.37	56.15	41.91	74.00	-32.09	peak
5	p10520.000	11.37	37.30	53.09	56.32	51.90	68.20	-16.30	peak
6	15780.000	14.08	41.28	51.97	49.26	52.65	74.00	-21.35	peak

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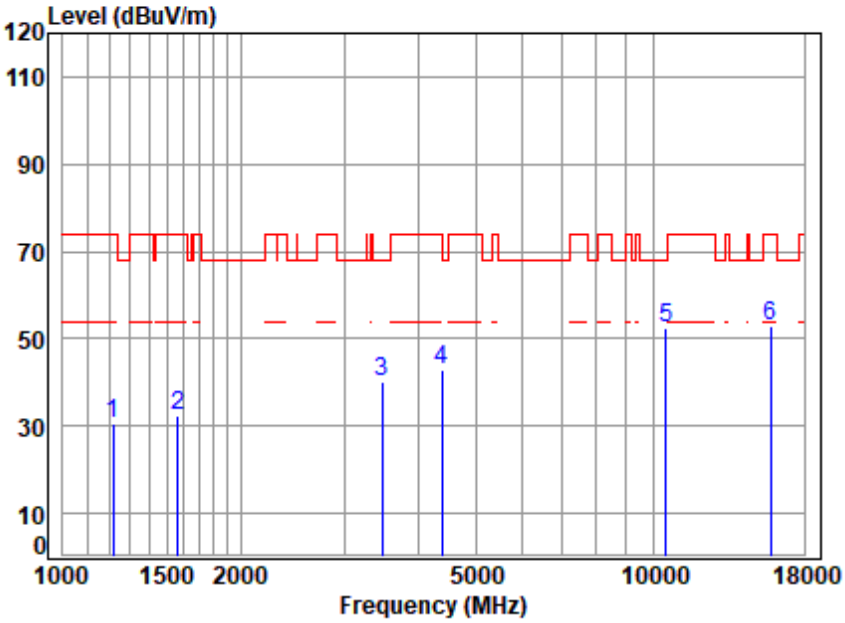

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.71	24.64	54.69	56.86	30.52	74.00	-43.48	peak
2	1569.721	4.14	26.92	54.80	56.05	32.31	74.00	-41.69	peak
3	3475.541	6.50	31.70	54.64	56.75	40.31	68.20	-27.89	peak
4	4392.376	7.13	34.74	54.26	55.40	43.01	74.00	-30.99	peak
5	p10520.000	11.37	37.30	53.09	56.86	52.44	68.20	-15.76	peak
6	15780.000	14.08	41.28	51.97	49.47	52.86	74.00	-21.14	peak

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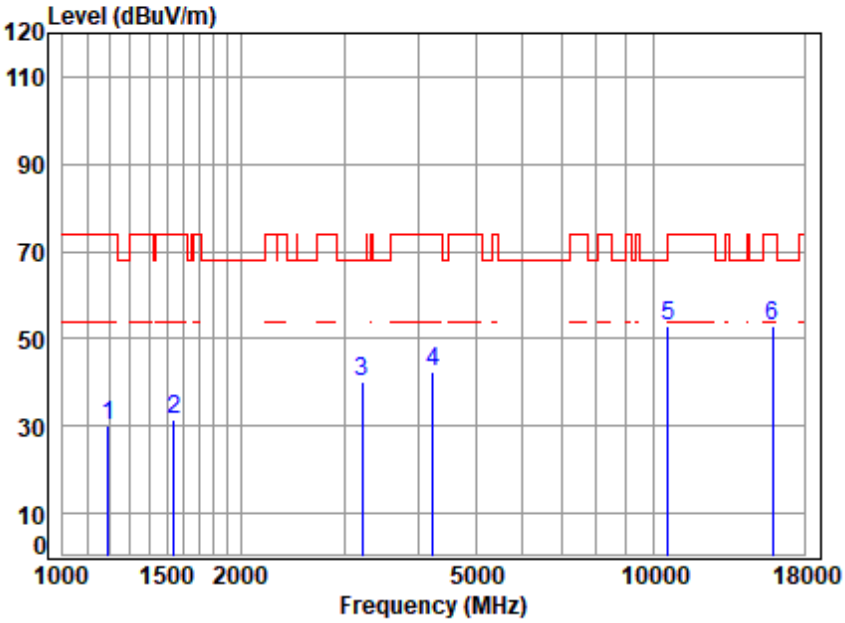
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1192.811	3.67	24.33	54.68	56.79	30.11	74.00	-43.89	peak
2	1542.733	4.10	26.97	54.79	55.34	31.62	74.00	-42.38	peak
3	3214.623	6.27	32.67	54.83	55.92	40.03	68.20	-28.17	peak
4	4230.396	6.94	33.80	54.27	56.07	42.54	74.00	-31.46	peak
5	p10600.000	11.43	37.30	53.08	57.47	53.12	68.20	-15.08	peak
6	15900.000	14.23	41.40	51.88	49.07	52.82	74.00	-21.18	peak

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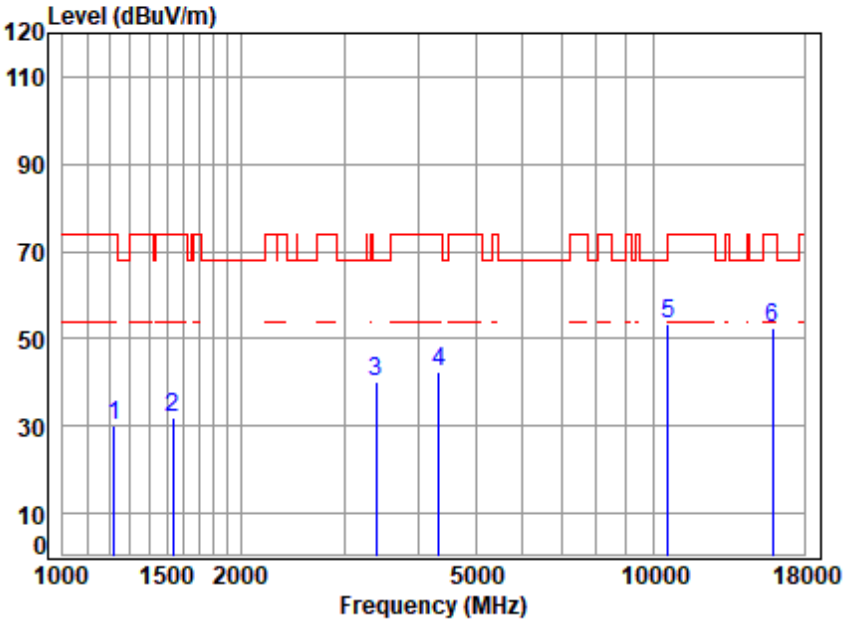

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.71	24.74	54.69	56.47	30.23	74.00	-43.77	peak
2	1538.281	4.10	26.95	54.79	55.76	32.02	74.00	-41.98	peak
3	3396.098	6.43	32.38	54.70	55.86	39.97	68.20	-28.23	peak
4	4329.354	7.05	34.23	54.26	55.63	42.65	74.00	-31.35	peak
5	p10600.000	11.43	37.30	53.08	57.62	53.27	68.20	-14.93	peak
6	15900.000	14.23	41.40	51.88	48.91	52.66	74.00	-21.34	peak

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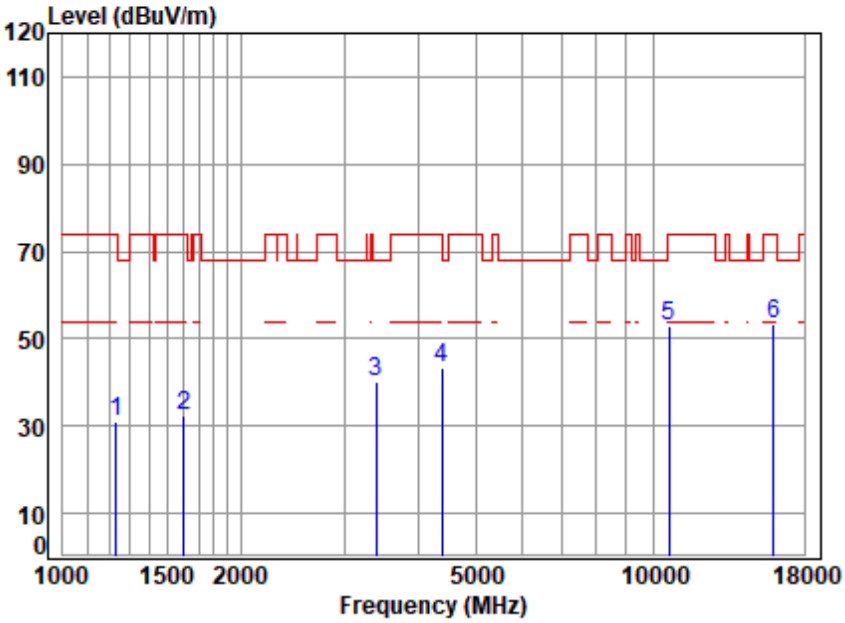
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	57.00	30.87	74.00	-43.13	peak
2	1601.804	4.19	26.78	54.80	56.39	32.56	74.00	-41.44	peak
3	3396.098	6.43	32.38	54.70	55.95	40.06	68.20	-28.14	peak
4	4379.699	7.11	34.64	54.26	55.67	43.16	74.00	-30.84	peak
5	10640.000	11.45	37.22	53.07	57.11	52.71	74.00	-21.29	peak
6	p15960.000	14.30	41.52	51.83	49.52	53.51	74.00	-20.49	peak

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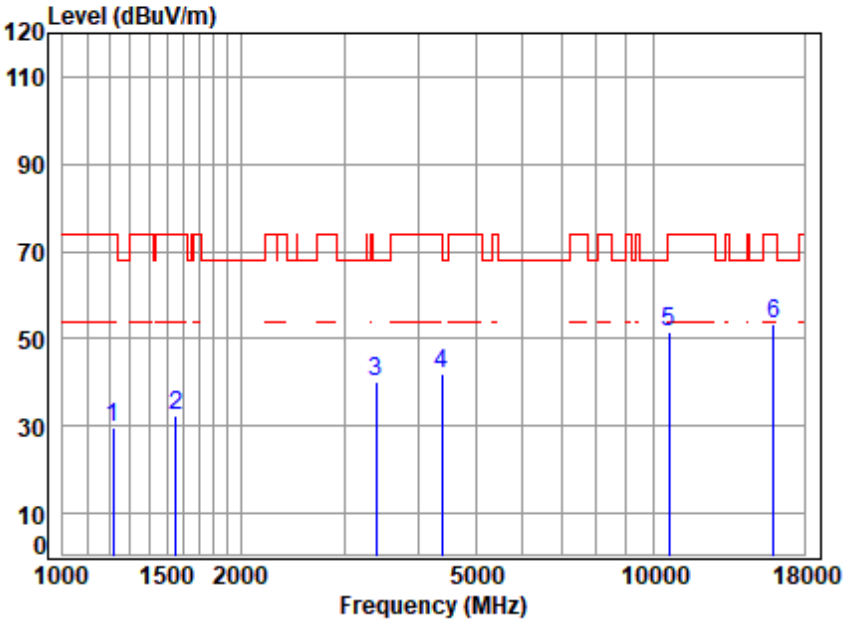
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.71	24.64	54.69	56.19	29.85	74.00	-44.15	peak
2	1551.677	4.12	26.99	54.79	55.91	32.23	74.00	-41.77	peak
3	3396.098	6.43	32.38	54.70	55.87	39.98	68.20	-28.22	peak
4	4392.376	7.13	34.74	54.26	54.57	42.18	74.00	-31.82	peak
5	10640.000	11.45	37.22	53.07	56.11	51.71	74.00	-22.29	peak
6	p15960.000	14.30	41.52	51.83	49.24	53.23	74.00	-20.77	peak

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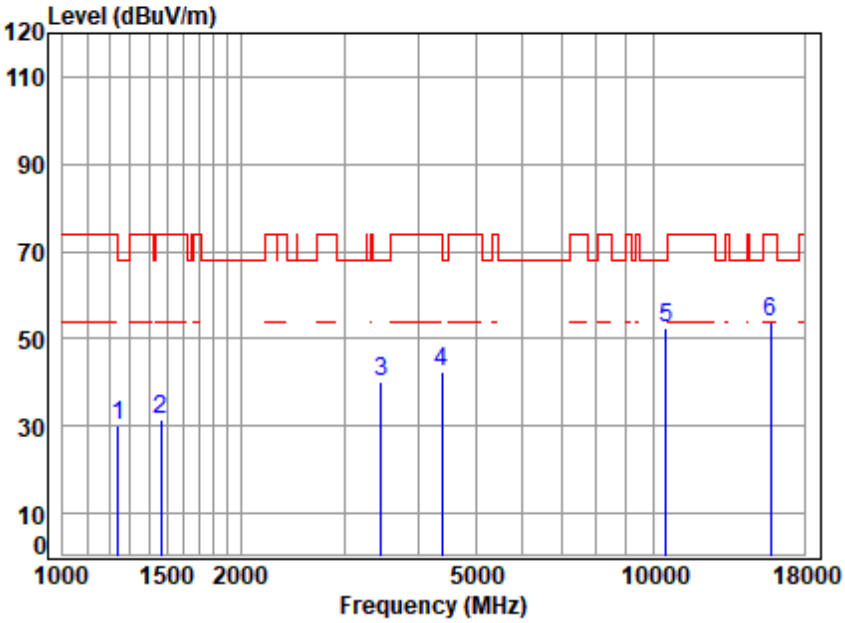
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	55.95	29.99	68.20	-38.21	peak
2	1464.522	4.00	25.81	54.77	56.26	31.30	74.00	-42.70	peak
3	3455.508	6.48	31.78	54.66	56.39	39.99	68.20	-28.21	peak
4	4379.699	7.11	34.64	54.26	54.81	42.30	74.00	-31.70	peak
5	p10520.000	11.37	37.30	53.09	57.03	52.61	68.20	-15.59	peak
6	15780.000	14.08	41.28	51.97	50.30	53.69	74.00	-20.31	peak

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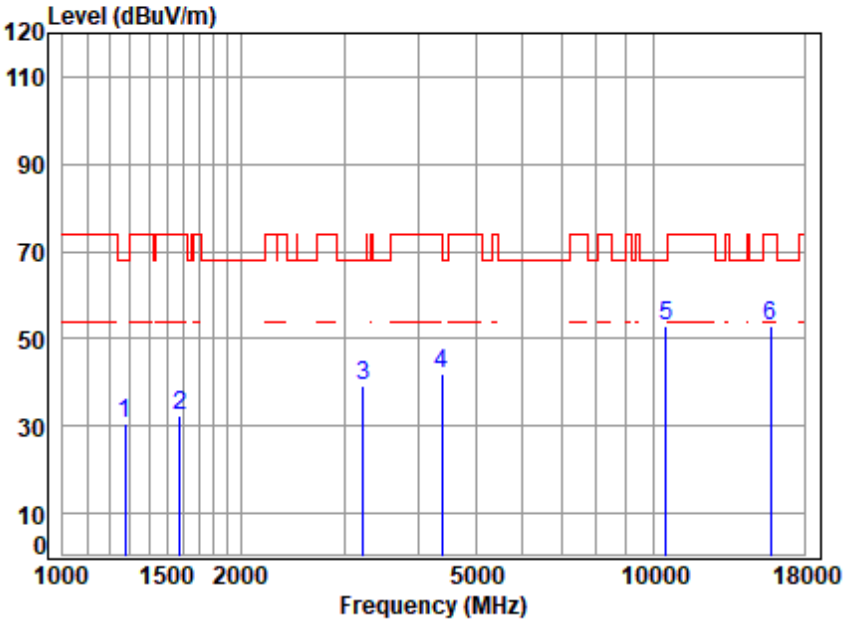
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	56.41	30.43	68.20	-37.77	peak
2	1578.822	4.16	26.88	54.80	55.96	32.20	74.00	-41.80	peak
3	3223.928	6.28	32.52	54.82	55.47	39.45	68.20	-28.75	peak
4	4392.376	7.13	34.74	54.26	54.27	41.88	74.00	-32.12	peak
5	p10520.000	11.37	37.30	53.09	57.46	53.04	68.20	-15.16	peak
6	15780.000	14.08	41.28	51.97	49.43	52.82	74.00	-21.18	peak

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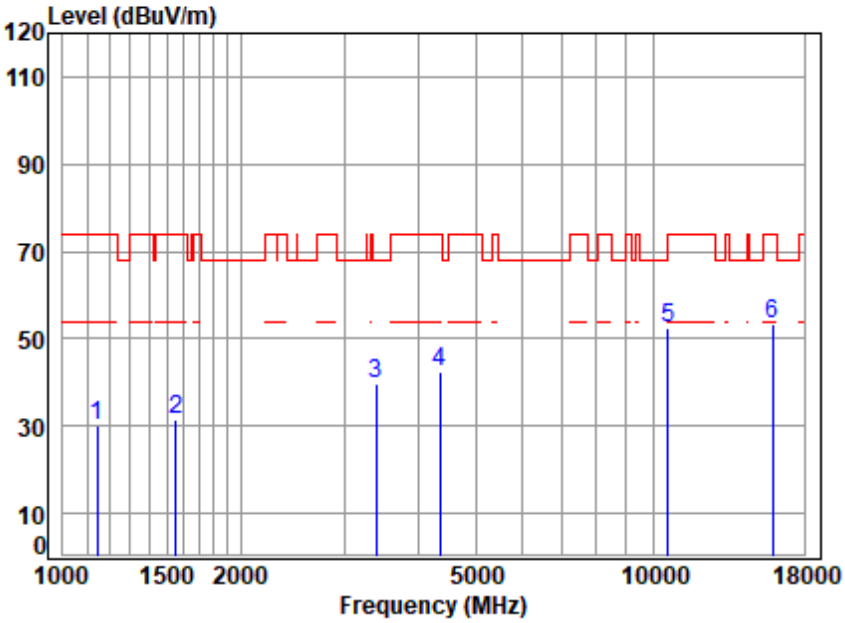
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	3.61	23.88	54.66	57.08	29.91	74.00	-44.09	peak
2	1556.169	4.12	26.98	54.79	55.32	31.63	74.00	-42.37	peak
3	3396.098	6.43	32.38	54.70	55.49	39.60	68.20	-28.60	peak
4	4354.454	7.08	34.44	54.26	55.32	42.58	74.00	-31.42	peak
5	p10600.000	11.43	37.30	53.08	57.04	52.69	68.20	-15.51	peak
6	15900.000	14.23	41.40	51.88	49.49	53.24	74.00	-20.76	peak

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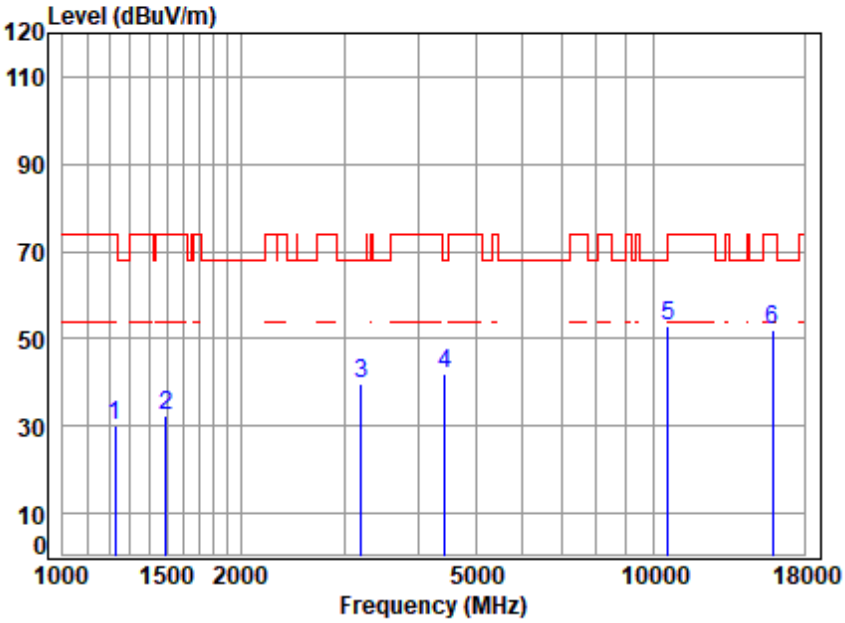
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.43	30.25	74.00	-43.75	peak
2	1494.455	4.03	26.64	54.77	56.52	32.42	74.00	-41.58	peak
3	3205.345	6.26	32.81	54.84	55.51	39.74	68.20	-28.46	peak
4	4430.628	7.17	34.43	54.25	54.55	41.90	68.20	-26.30	peak
5	p10600.000	11.43	37.30	53.08	57.22	52.87	68.20	-15.33	peak
6	15900.000	14.23	41.40	51.88	48.41	52.16	74.00	-21.84	peak

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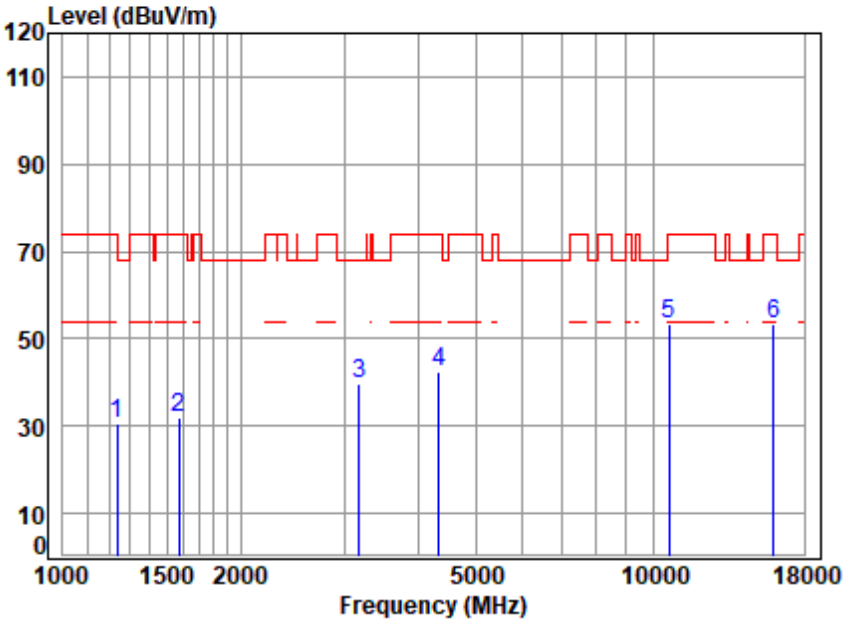
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	56.74	30.67	74.00	-43.33	peak
2	1574.265	4.15	26.90	54.80	55.86	32.11	74.00	-41.89	peak
3	3177.672	6.24	32.72	54.86	55.49	39.59	68.20	-28.61	peak
4	4329.354	7.05	34.23	54.26	55.29	42.31	74.00	-31.69	peak
5	p10640.000	11.45	37.22	53.07	57.94	53.54	74.00	-20.46	peak
6	15960.000	14.30	41.52	51.83	49.38	53.37	74.00	-20.63	peak

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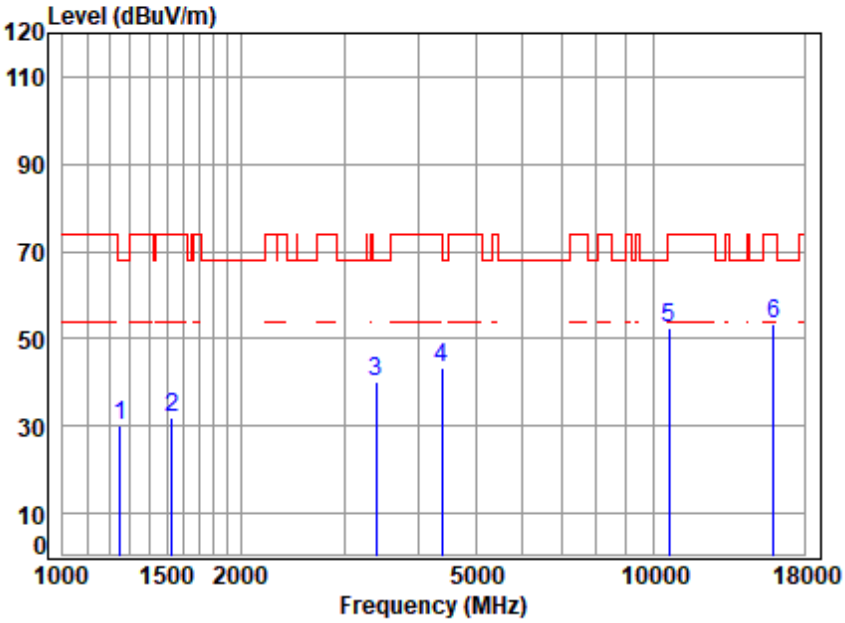
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.75	25.09	54.70	56.03	30.17	68.20	-38.03	peak
2	1529.414	4.08	26.92	54.78	55.74	31.96	74.00	-42.04	peak
3	3396.098	6.43	32.38	54.70	55.82	39.93	68.20	-28.27	peak
4	4379.699	7.11	34.64	54.26	55.79	43.28	74.00	-30.72	peak
5	10640.000	11.45	37.22	53.07	56.97	52.57	74.00	-21.43	peak
6	p15960.000	14.30	41.52	51.83	49.21	53.20	74.00	-20.80	peak

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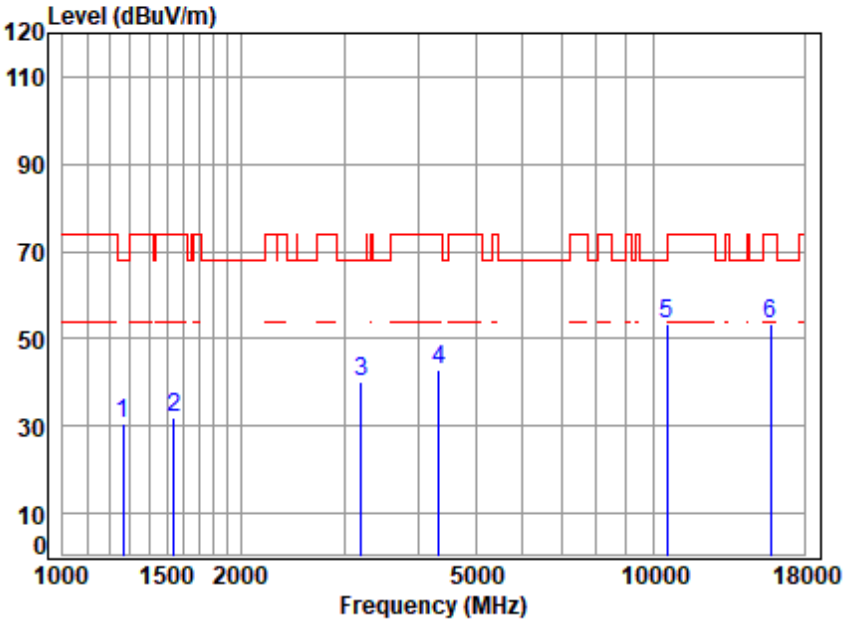
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.77	25.02	54.70	56.32	30.41	68.20	-37.79	peak
2	1542.733	4.10	26.97	54.79	55.74	32.02	74.00	-41.98	peak
3	3196.094	6.25	32.87	54.85	55.67	39.94	68.20	-28.26	peak
4	4341.886	7.07	34.34	54.26	55.83	42.98	74.00	-31.02	peak
5	p10540.000	11.39	37.30	53.09	57.63	53.23	68.20	-14.97	peak
6	15810.000	14.12	41.31	51.95	50.11	53.59	74.00	-20.41	peak

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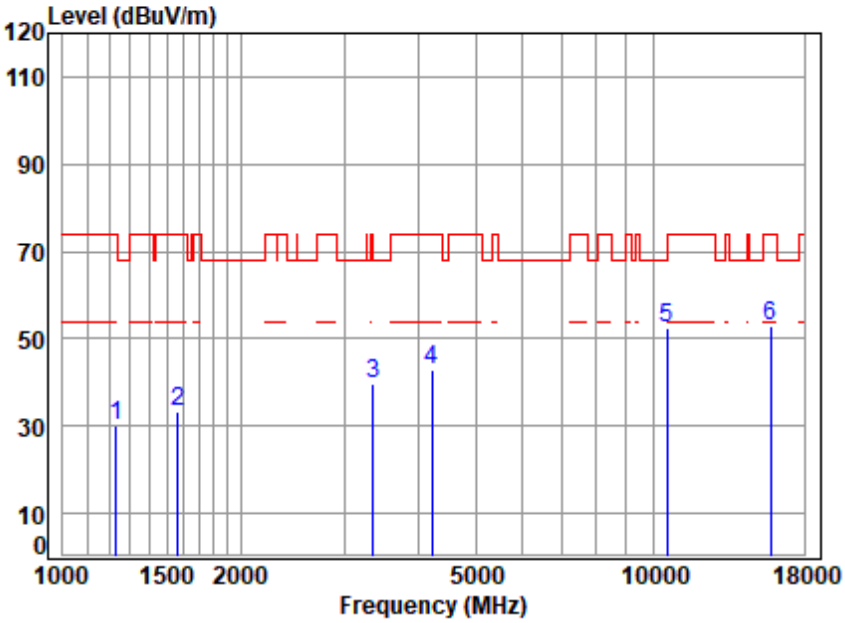
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.31	30.18	74.00	-43.82	peak
2	1569.721	4.14	26.92	54.80	56.90	33.16	74.00	-40.84	peak
3	3357.061	6.40	32.14	54.73	56.04	39.85	74.00	-34.15	peak
4	4218.186	6.92	33.80	54.28	56.22	42.66	74.00	-31.34	peak
5	p10540.000	11.39	37.30	53.09	56.77	52.37	68.20	-15.83	peak
6	15810.000	14.12	41.31	51.95	49.64	53.12	74.00	-20.88	peak

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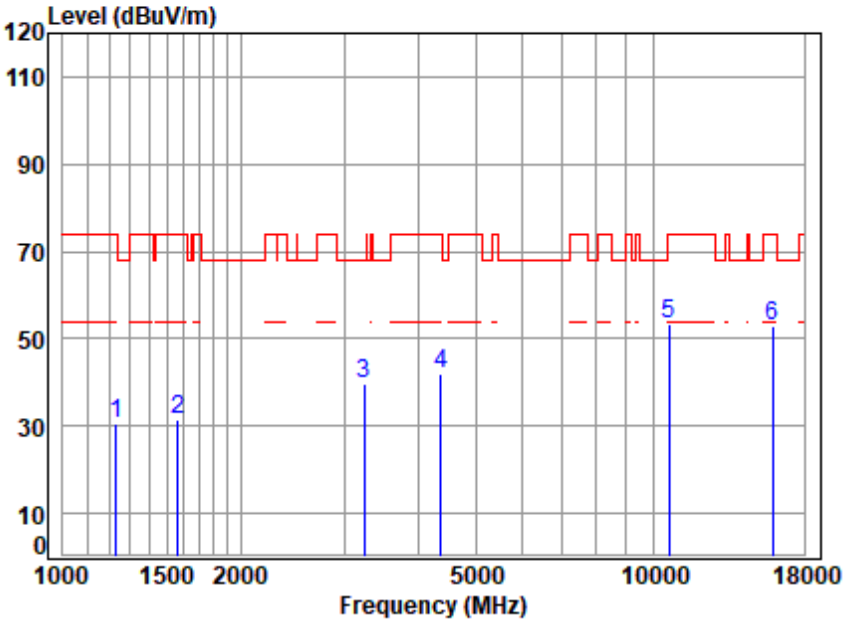
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.58	30.45	74.00	-43.55	peak
2	1565.191	4.14	26.94	54.79	55.35	31.64	74.00	-42.36	peak
3	3242.619	6.30	32.22	54.81	56.02	39.73	68.20	-28.47	peak
4	4367.058	7.10	34.54	54.26	54.41	41.79	74.00	-32.21	peak
5	p10620.000	11.44	37.26	53.07	57.78	53.41	74.00	-20.59	peak
6	15930.000	14.27	41.46	51.85	49.09	52.97	74.00	-21.03	peak

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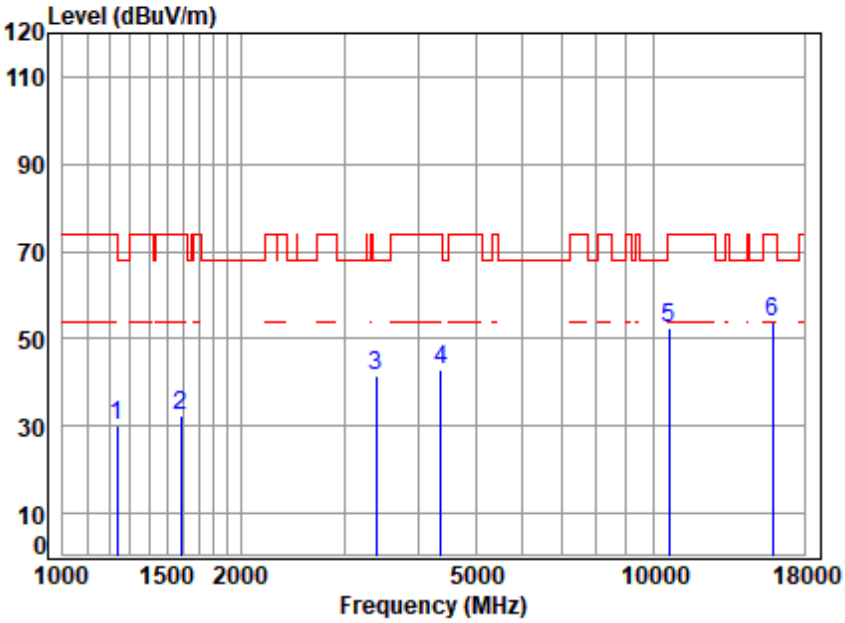
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	56.38	30.31	74.00	-43.69	peak
2	1583.392	4.16	26.87	54.80	56.01	32.24	74.00	-41.76	peak
3	3396.098	6.43	32.38	54.70	57.29	41.40	68.20	-26.80	peak
4	4367.058	7.10	34.54	54.26	55.53	42.91	74.00	-31.09	peak
5	10620.000	11.44	37.26	53.07	56.91	52.54	74.00	-21.46	peak
6	p15930.000	14.27	41.46	51.85	50.09	53.97	74.00	-20.03	peak

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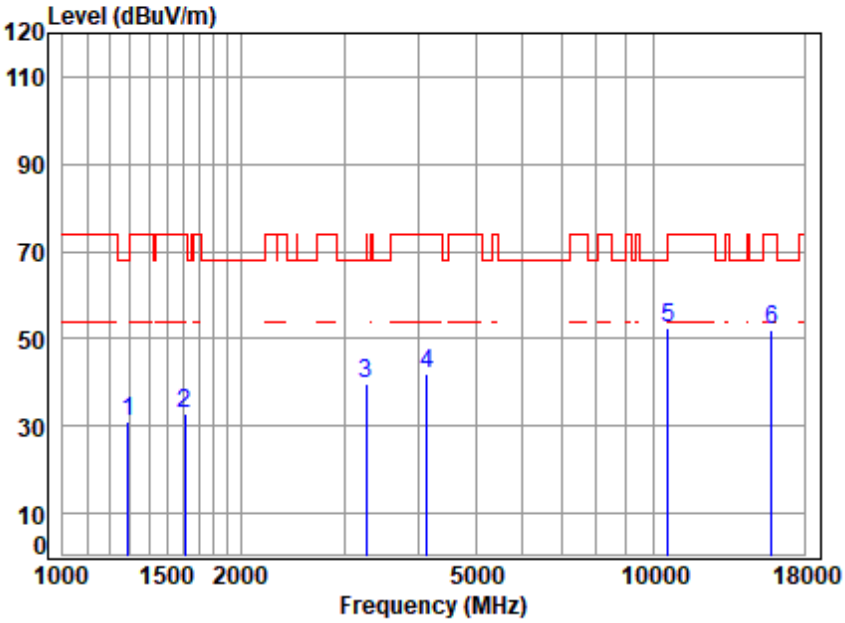
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	3.80	24.86	54.71	56.87	30.82	68.20	-37.38	peak
2	1611.091	4.20	26.69	54.81	56.61	32.69	74.00	-41.31	peak
3	3261.418	6.31	31.89	54.80	56.32	39.72	74.00	-34.28	peak
4	4133.699	6.82	33.54	54.29	55.87	41.94	74.00	-32.06	peak
5	p10580.000	11.41	37.30	53.08	56.88	52.51	68.20	-15.69	peak
6	15870.000	14.19	41.37	51.90	48.53	52.19	74.00	-21.81	peak

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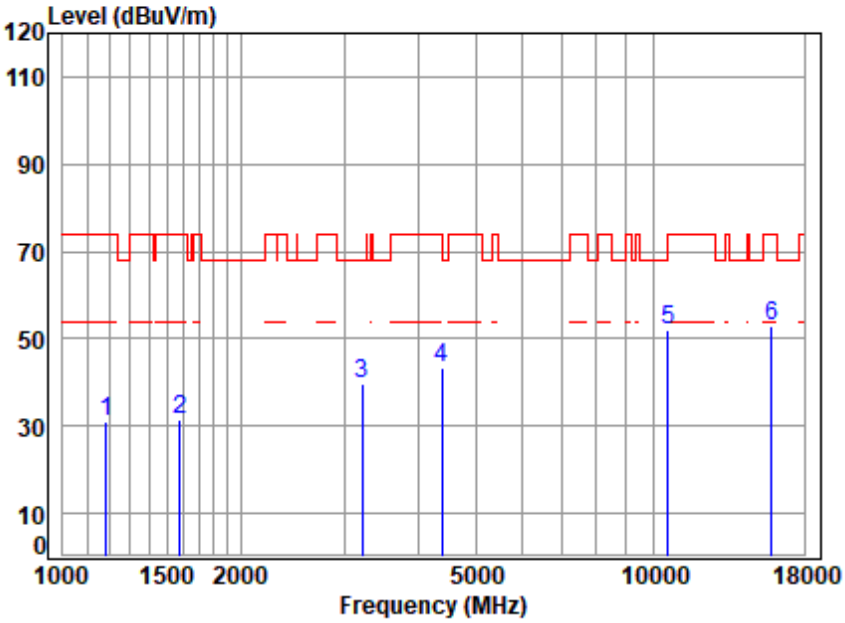
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	3.66	24.26	54.67	57.96	31.21	74.00	-42.79	peak
2	1578.822	4.16	26.88	54.80	55.30	31.54	74.00	-42.46	peak
3	3214.623	6.27	32.67	54.83	55.42	39.53	68.20	-28.67	peak
4	4379.699	7.11	34.64	54.26	55.71	43.20	74.00	-30.80	peak
5	p10580.000	11.41	37.30	53.08	56.31	51.94	68.20	-16.26	peak
6	15870.000	14.19	41.37	51.90	49.06	52.72	74.00	-21.28	peak

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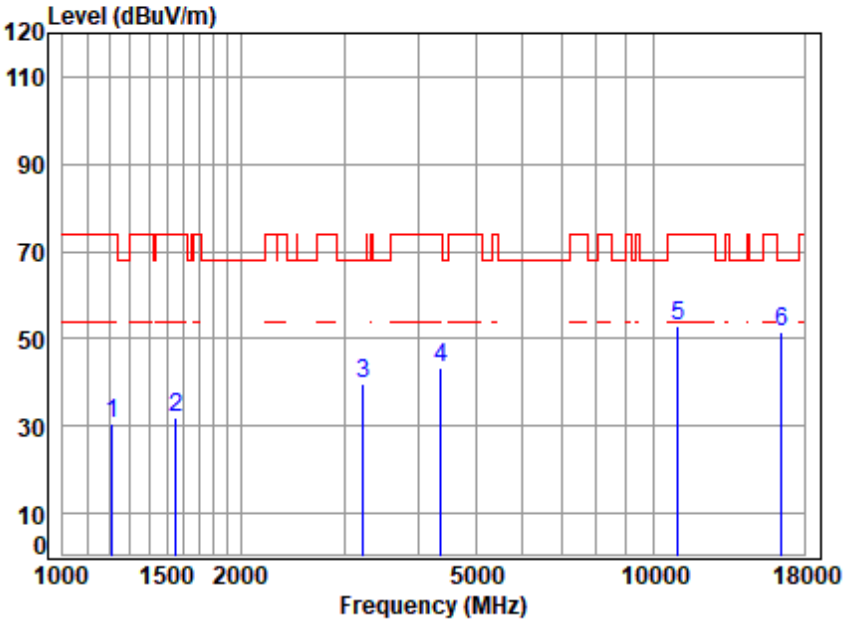
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.70	24.54	54.68	56.95	30.51	74.00	-43.49	peak
2	1556.169	4.12	26.98	54.79	55.41	31.72	74.00	-42.28	peak
3	3223.928	6.28	32.52	54.82	55.57	39.55	68.20	-28.65	peak
4	4367.058	7.10	34.54	54.26	56.18	43.56	74.00	-30.44	peak
5	11000.000	11.68	37.50	53.00	56.83	53.01	74.00	-20.99	peak
6	p16500.000	13.99	42.10	52.36	48.01	51.74	68.20	-16.46	peak

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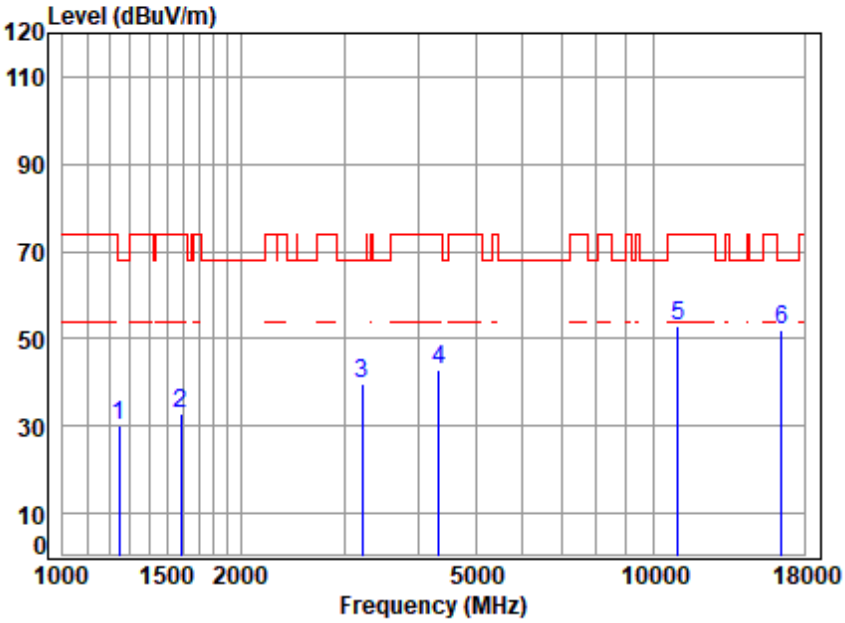
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.74	25.04	54.70	56.20	30.28	68.20	-37.92	peak
2	1587.975	4.17	26.85	54.80	56.76	32.98	74.00	-41.02	peak
3	3214.623	6.27	32.67	54.83	55.54	39.65	68.20	-28.55	peak
4	4341.886	7.07	34.34	54.26	55.88	43.03	74.00	-30.97	peak
5	11000.000	11.68	37.50	53.00	56.71	52.89	74.00	-21.11	peak
6	p16500.000	13.99	42.10	52.36	48.39	52.12	68.20	-16.08	peak

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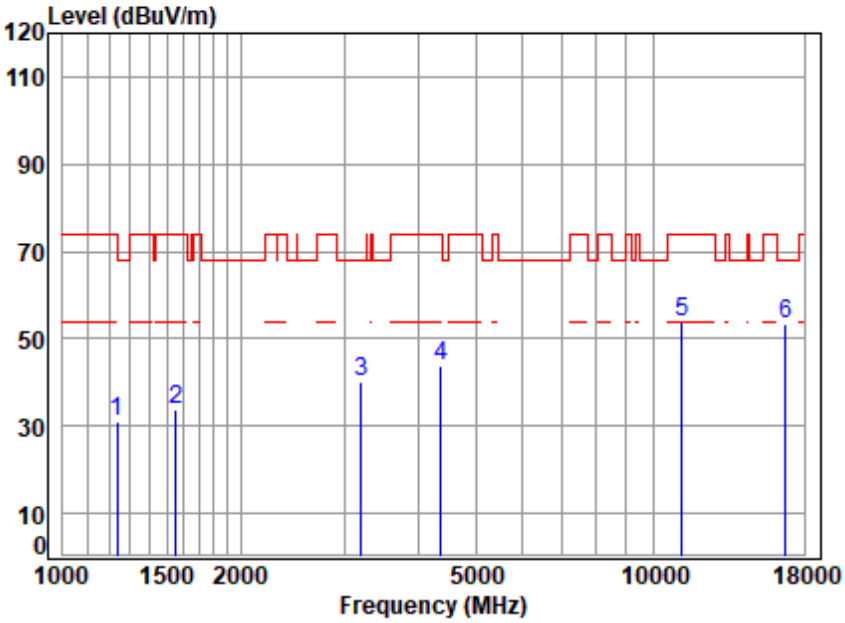
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	56.85	30.83	74.00	-43.17	peak
2	1556.169	4.12	26.98	54.79	57.26	33.57	74.00	-40.43	peak
3	3205.345	6.26	32.81	54.84	55.76	39.99	68.20	-28.21	peak
4	4367.058	7.10	34.54	54.26	56.23	43.61	74.00	-30.39	peak
5	11160.000	11.77	37.62	53.03	57.42	53.78	74.00	-20.22	peak
6	p16740.000	14.15	42.78	52.62	48.92	53.23	68.20	-14.97	peak

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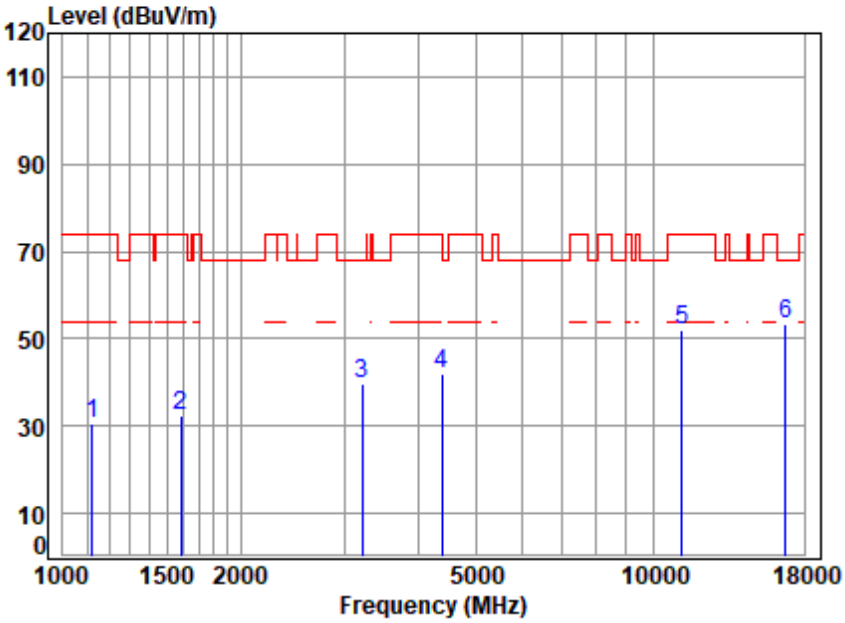
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1122.563	3.58	23.79	54.65	57.63	30.35	74.00	-43.65	peak
2	1587.975	4.17	26.85	54.80	56.10	32.32	74.00	-41.68	peak
3	3214.623	6.27	32.67	54.83	55.68	39.79	68.20	-28.41	peak
4	4379.699	7.11	34.64	54.26	54.70	42.19	74.00	-31.81	peak
5	11160.000	11.77	37.62	53.03	55.68	52.04	74.00	-21.96	peak
6	p16740.000	14.15	42.78	52.62	49.25	53.56	68.20	-14.64	peak

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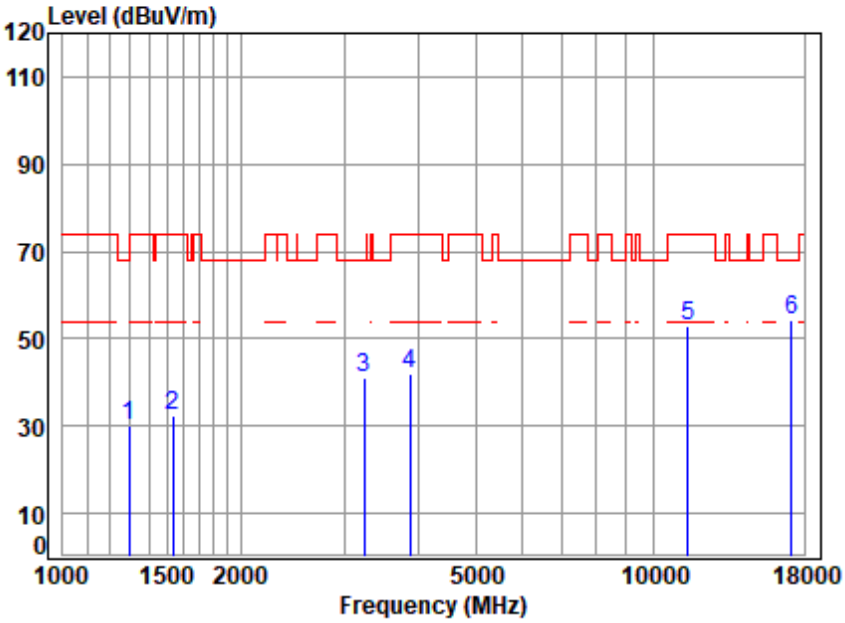
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	3.80	24.84	54.71	56.03	29.96	68.20	-38.24	peak
2	1533.841	4.09	26.94	54.79	55.95	32.19	74.00	-41.81	peak
3	3233.260	6.29	32.37	54.82	57.18	41.02	68.20	-27.18	peak
4	3867.831	6.62	33.35	54.38	56.32	41.91	74.00	-32.09	peak
5	11440.000	11.92	37.74	53.09	56.20	52.77	74.00	-21.23	peak
6	p17160.000	14.50	43.04	52.82	49.35	54.07	68.20	-14.13	peak

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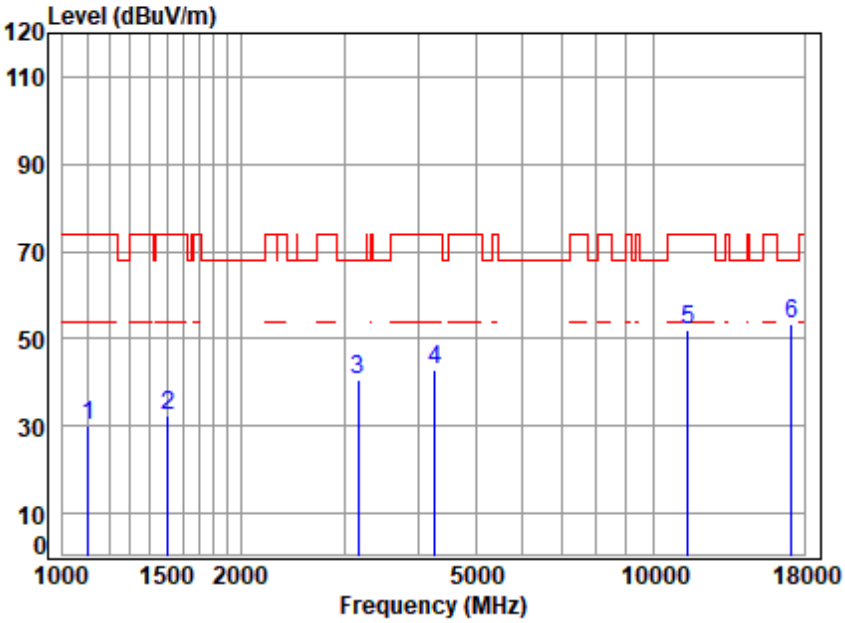
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1106.457	3.55	23.73	54.64	57.38	30.02	74.00	-43.98	peak
2	1507.470	4.05	26.83	54.78	56.25	32.35	74.00	-41.65	peak
3	3168.500	6.23	32.65	54.87	56.37	40.38	68.20	-27.82	peak
4	4267.237	6.98	33.87	54.27	56.12	42.70	74.00	-31.30	peak
5	11440.000	11.92	37.74	53.09	55.54	52.11	74.00	-21.89	peak
6	p17160.000	14.50	43.04	52.82	48.63	53.35	68.20	-14.85	peak

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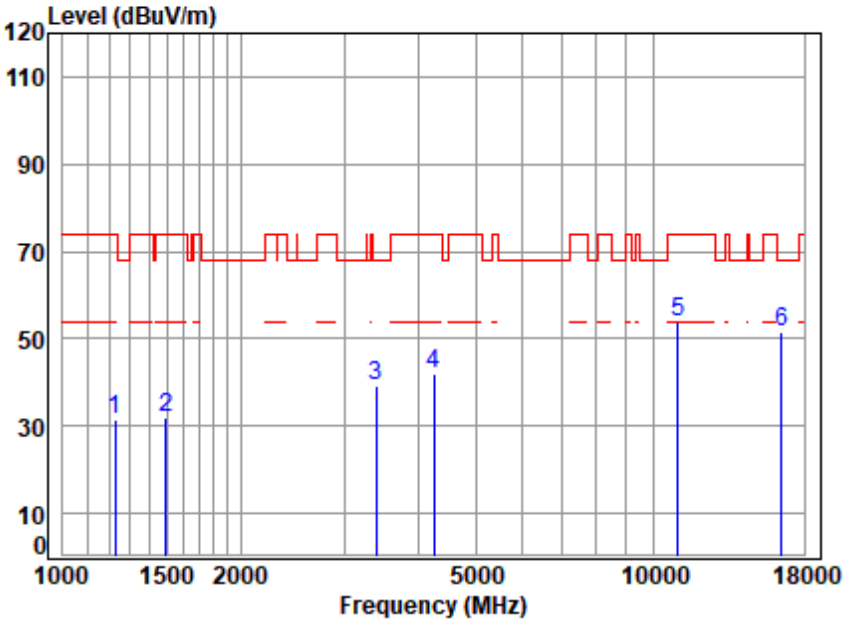
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	57.46	31.28	74.00	-42.72	peak
2	1494.455	4.03	26.64	54.77	55.82	31.72	74.00	-42.28	peak
3	3396.098	6.43	32.38	54.70	55.32	39.43	68.20	-28.77	peak
4	4242.641	6.95	33.80	54.27	55.28	41.76	74.00	-32.24	peak
5	11000.000	11.68	37.50	53.00	57.62	53.80	74.00	-20.20	peak
6	p16500.000	13.99	42.10	52.36	47.61	51.34	68.20	-16.86	peak

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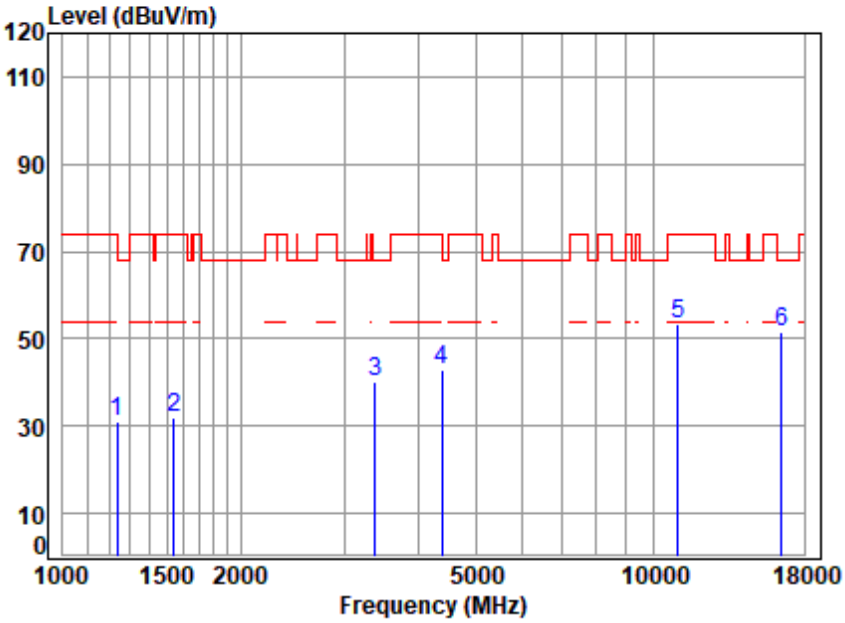
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	57.08	31.01	74.00	-42.99	peak
2	1542.733	4.10	26.97	54.79	55.71	31.99	74.00	-42.01	peak
3	3376.523	6.42	32.26	54.71	56.09	40.06	68.20	-28.14	peak
4	4379.699	7.11	34.64	54.26	55.19	42.68	74.00	-31.32	peak
5	11000.000	11.68	37.50	53.00	57.03	53.21	74.00	-20.79	peak
6	p16500.000	13.99	42.10	52.36	47.89	51.62	68.20	-16.58	peak

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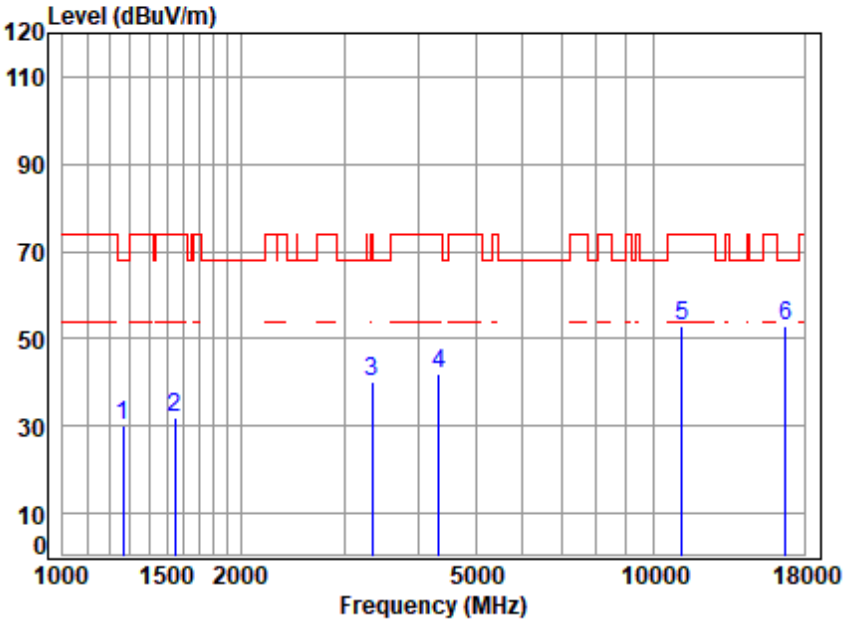
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.77	25.02	54.70	56.09	30.18	68.20	-38.02	peak
2	1547.199	4.11	26.99	54.79	55.77	32.08	74.00	-41.92	peak
3	3347.371	6.39	32.05	54.73	56.62	40.33	74.00	-33.67	peak
4	4329.354	7.05	34.23	54.26	54.90	41.92	74.00	-32.08	peak
5	11160.000	11.77	37.62	53.03	56.50	52.86	74.00	-21.14	peak
6	p16740.000	14.15	42.78	52.62	48.84	53.15	68.20	-15.05	peak

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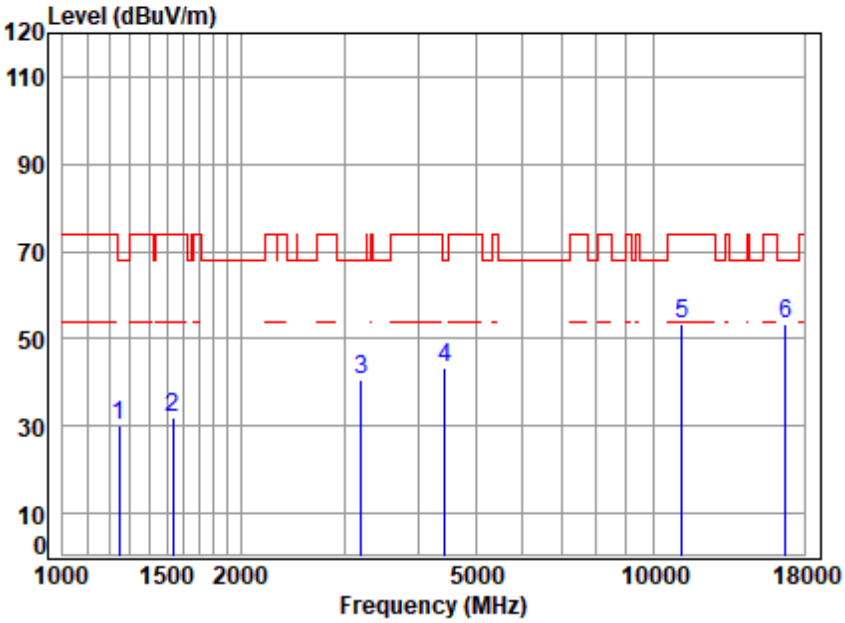

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.74	25.04	54.70	56.01	30.09	68.20	-38.11	peak
2	1533.841	4.09	26.94	54.79	55.47	31.71	74.00	-42.29	peak
3	3205.345	6.26	32.81	54.84	56.54	40.77	68.20	-27.43	peak
4	4443.453	7.19	34.28	54.25	56.18	43.40	68.20	-24.80	peak
5	11160.000	11.77	37.62	53.03	57.17	53.53	74.00	-20.47	peak
6	p16740.000	14.15	42.78	52.62	49.16	53.47	68.20	-14.73	peak

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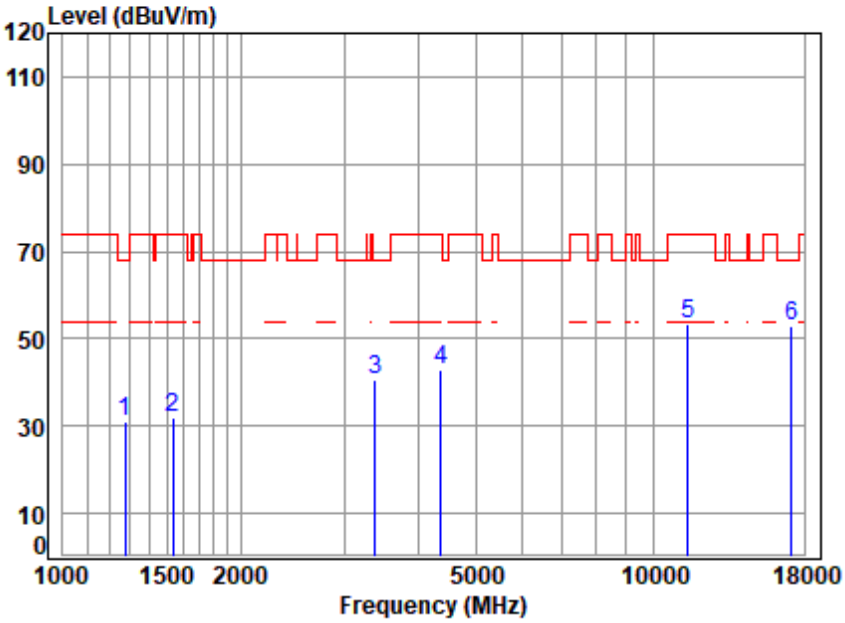
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	57.17	31.19	68.20	-37.01	peak
2	1533.841	4.09	26.94	54.79	55.66	31.90	74.00	-42.10	peak
3	3386.297	6.42	32.32	54.71	56.40	40.43	68.20	-27.77	peak
4	4367.058	7.10	34.54	54.26	55.57	42.95	74.00	-31.05	peak
5	11440.000	11.92	37.74	53.09	56.66	53.23	74.00	-20.77	peak
6	p17160.000	14.50	43.04	52.82	48.28	53.00	68.20	-15.20	peak

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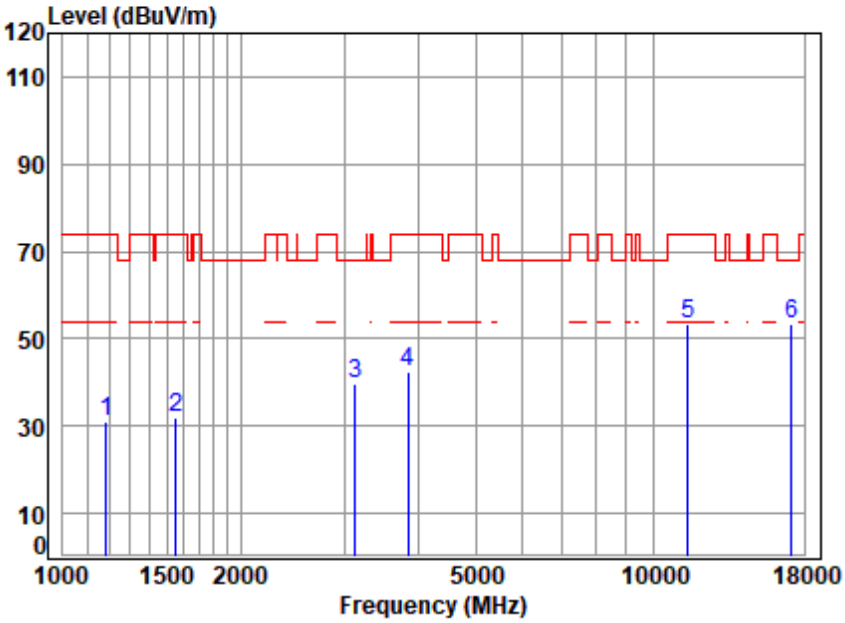
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5720 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	3.66	24.26	54.67	57.75	31.00	74.00	-43.00	peak
2	1556.169	4.12	26.98	54.79	55.75	32.06	74.00	-41.94	peak
3	3132.079	6.20	32.18	54.90	56.39	39.87	68.20	-28.33	peak
4	3845.537	6.61	33.04	54.40	57.04	42.29	74.00	-31.71	peak
5	11440.000	11.92	37.74	53.09	56.60	53.17	74.00	-20.83	peak
6	p17160.000	14.50	43.04	52.82	48.72	53.44	68.20	-14.76	peak

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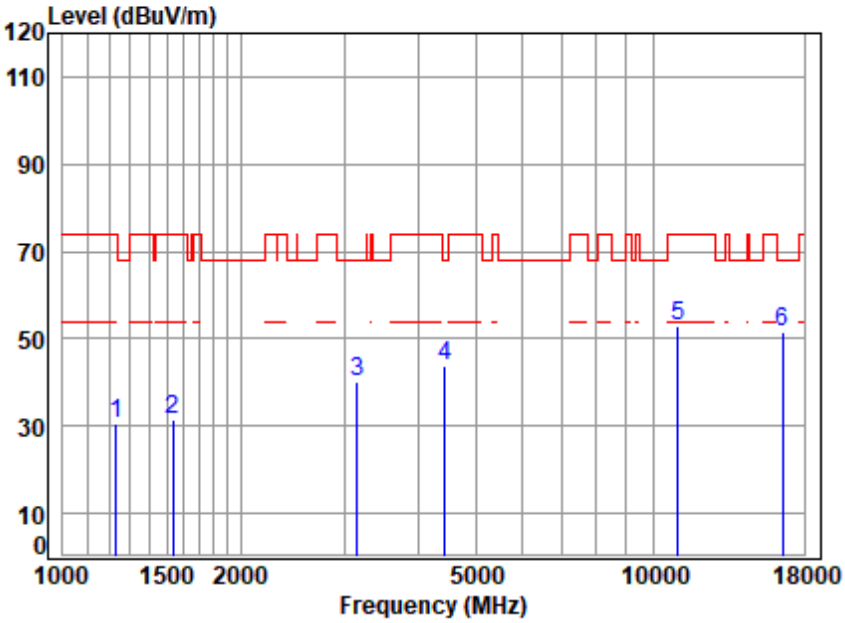
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.53	30.40	74.00	-43.60	peak
2	1538.281	4.10	26.95	54.79	55.41	31.67	74.00	-42.33	peak
3	3150.237	6.21	32.50	54.88	56.19	40.02	68.20	-28.18	peak
4	4430.628	7.17	34.43	54.25	56.45	43.80	68.20	-24.40	peak
5	11020.000	11.69	37.50	53.00	56.64	52.83	74.00	-21.17	peak
6	p16530.000	14.01	42.16	52.39	47.62	51.40	68.20	-16.80	peak

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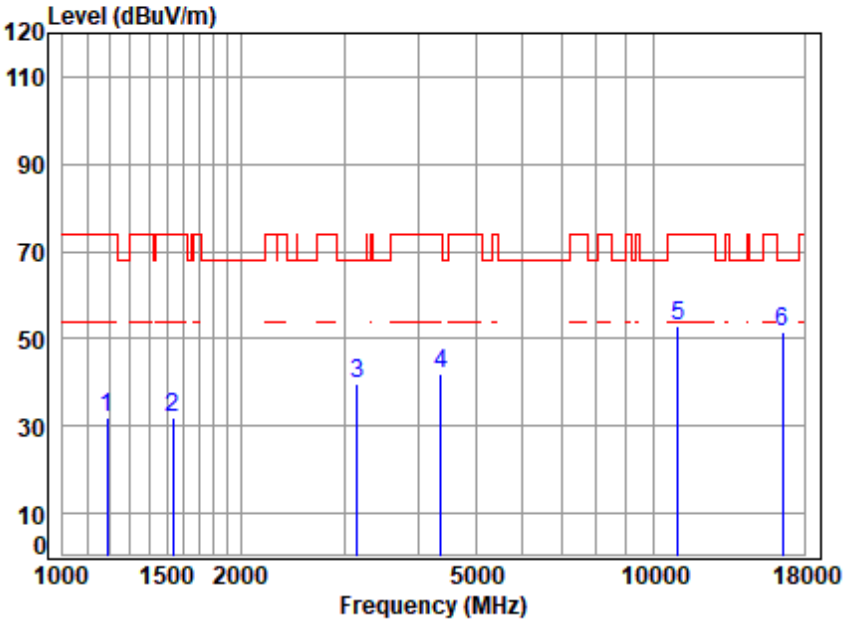
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1189.368	3.67	24.29	54.68	58.47	31.75	74.00	-42.25	peak
2	1538.281	4.10	26.95	54.79	55.72	31.98	74.00	-42.02	peak
3	3150.237	6.21	32.50	54.88	56.09	39.92	68.20	-28.28	peak
4	4367.058	7.10	34.54	54.26	54.46	41.84	74.00	-32.16	peak
5	11020.000	11.69	37.50	53.00	56.75	52.94	74.00	-21.06	peak
6	p16530.000	14.01	42.16	52.39	47.76	51.54	68.20	-16.66	peak

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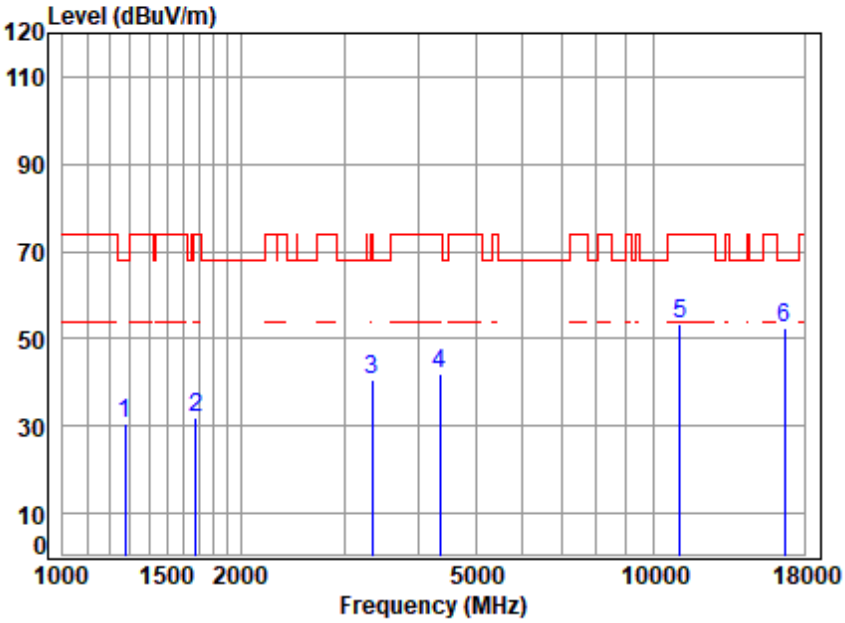
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5550 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	56.35	30.37	68.20	-37.83	peak
2	1677.621	4.29	26.24	54.82	56.08	31.79	74.00	-42.21	peak
3	3347.371	6.39	32.05	54.73	56.97	40.68	74.00	-33.32	peak
4	4354.454	7.08	34.44	54.26	54.67	41.93	74.00	-32.07	peak
5	11100.000	11.73	37.50	53.02	56.96	53.17	74.00	-20.83	peak
6	p16650.000	14.09	42.50	52.52	48.27	52.34	68.20	-15.86	peak

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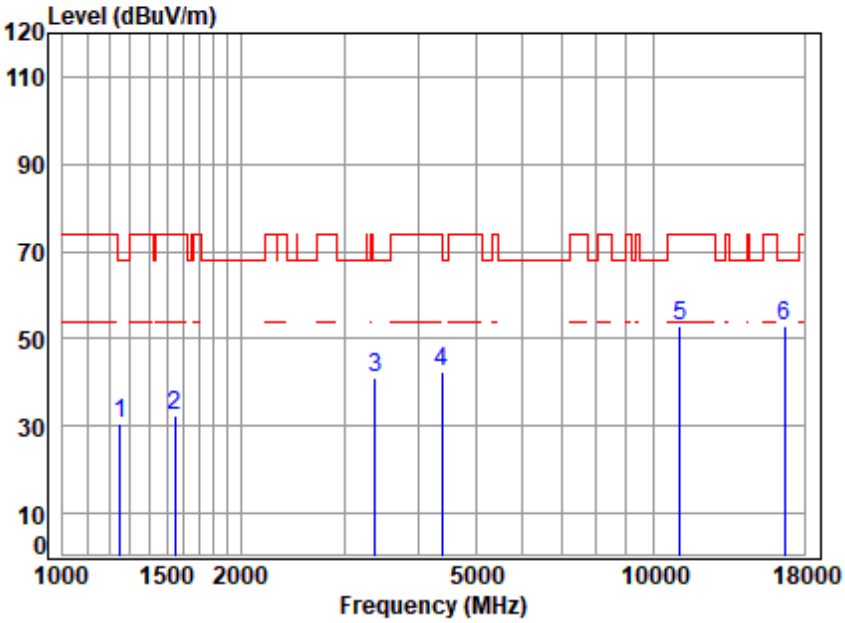
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5550 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.75	25.09	54.70	56.45	30.59	68.20	-37.61	peak
2	1547.199	4.11	26.99	54.79	55.95	32.26	74.00	-41.74	peak
3	3386.297	6.42	32.32	54.71	56.87	40.90	68.20	-27.30	peak
4	4379.699	7.11	34.64	54.26	54.84	42.33	74.00	-31.67	peak
5	11100.000	11.73	37.50	53.02	56.73	52.94	74.00	-21.06	peak
6	p16650.000	14.09	42.50	52.52	48.81	52.88	68.20	-15.32	peak

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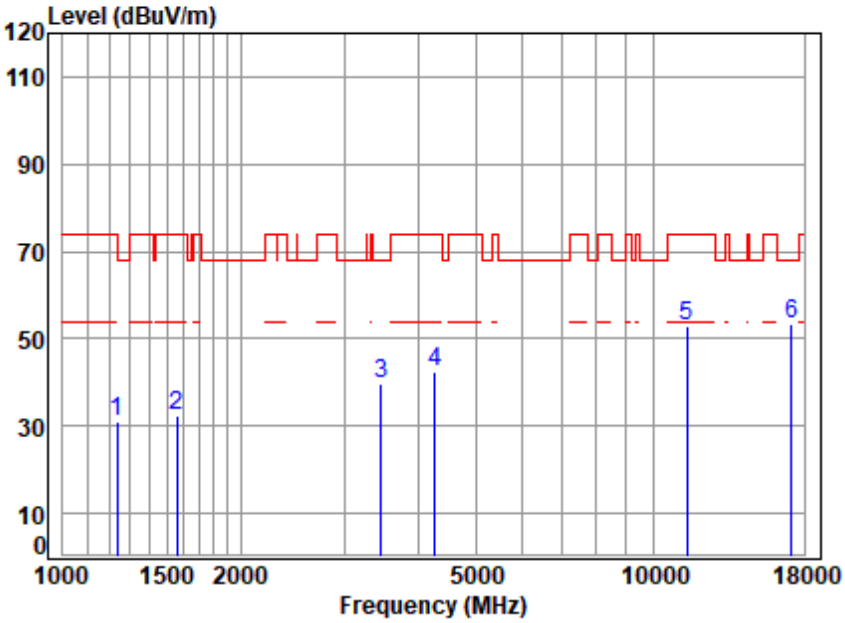
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5710 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	56.90	30.83	74.00	-43.17	peak
2	1560.673	4.13	26.96	54.79	56.05	32.35	74.00	-41.65	peak
3	3465.510	6.49	31.74	54.65	55.93	39.51	68.20	-28.69	peak
4	4267.237	6.98	33.87	54.27	55.80	42.38	74.00	-31.62	peak
5	11420.000	11.91	37.72	53.09	56.58	53.12	74.00	-20.88	peak
6	p17130.000	14.47	43.07	52.83	48.56	53.27	68.20	-14.93	peak

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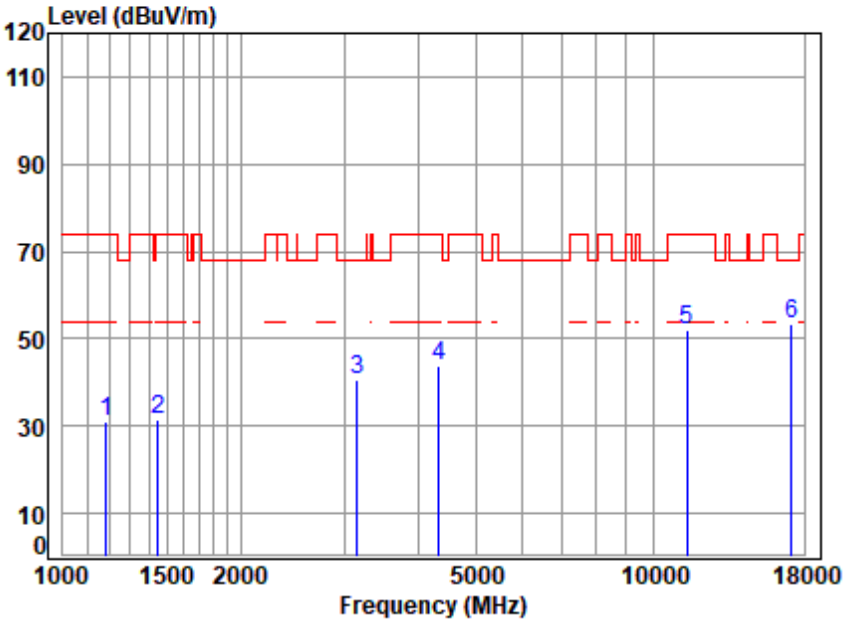
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5710 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.513	3.66	24.23	54.67	57.85	31.07	74.00	-42.93	peak
2	1451.878	3.99	25.45	54.76	56.71	31.39	74.00	-42.61	peak
3	3150.237	6.21	32.50	54.88	56.76	40.59	68.20	-27.61	peak
4	4341.886	7.07	34.34	54.26	56.49	43.64	74.00	-30.36	peak
5	11420.000	11.91	37.72	53.09	55.59	52.13	74.00	-21.87	peak
6	p17130.000	14.47	43.07	52.83	48.82	53.53	68.20	-14.67	peak

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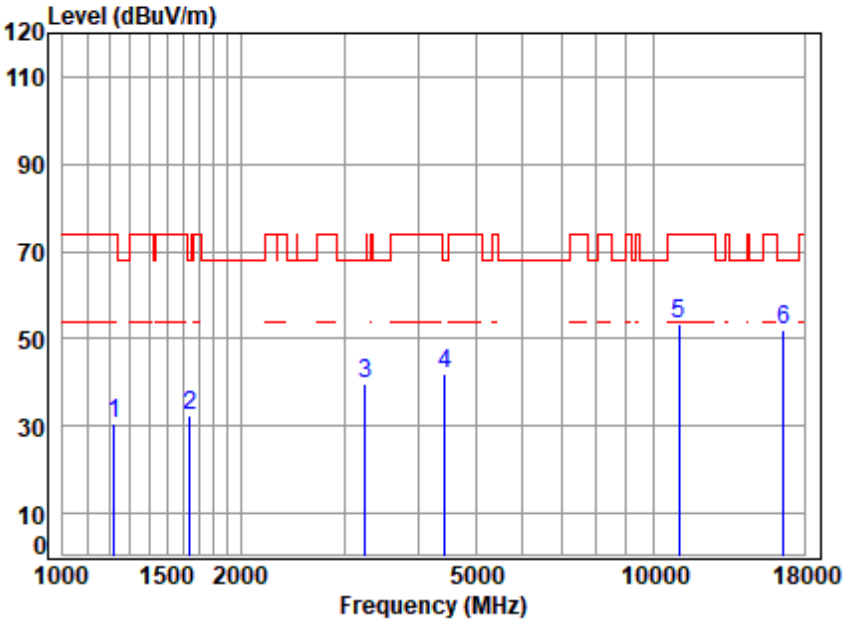
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.71	24.74	54.69	56.78	30.54	74.00	-43.46	peak
2	1644.019	4.25	26.36	54.82	56.72	32.51	68.20	-35.69	peak
3	3252.005	6.31	32.06	54.80	56.17	39.74	68.20	-28.46	peak
4	4430.628	7.17	34.43	54.25	54.43	41.78	68.20	-26.42	peak
5	11060.000	11.71	37.50	53.01	56.98	53.18	74.00	-20.82	peak
6	p16590.000	14.05	42.28	52.46	48.37	52.24	68.20	-15.96	peak

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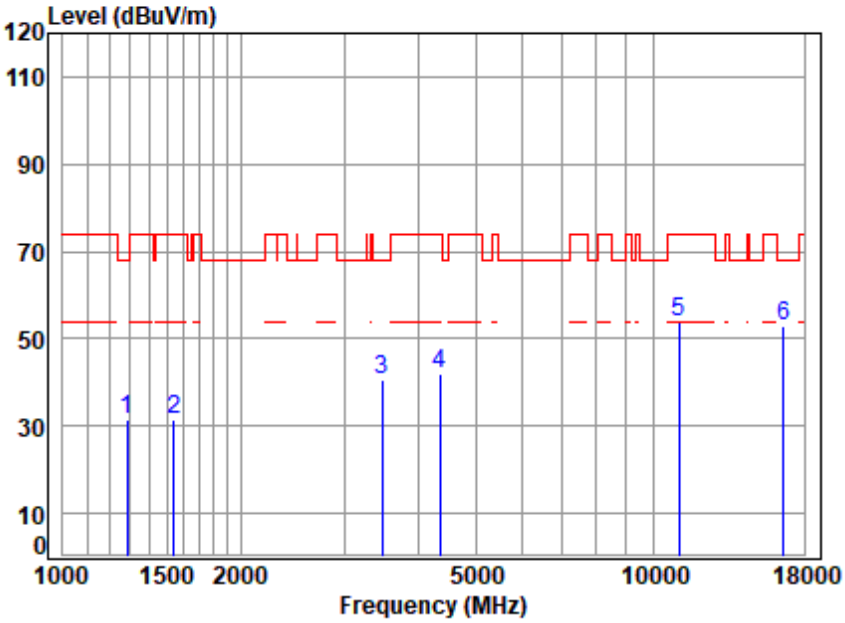
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.79	24.88	54.71	57.47	31.43	68.20	-36.77	peak
2	1542.733	4.10	26.97	54.79	55.22	31.50	74.00	-42.50	peak
3	3475.541	6.50	31.70	54.64	57.08	40.64	68.20	-27.56	peak
4	4354.454	7.08	34.44	54.26	54.94	42.20	74.00	-31.80	peak
5	11060.000	11.71	37.50	53.01	57.55	53.75	74.00	-20.25	peak
6	p16590.000	14.05	42.28	52.46	48.90	52.77	68.20	-15.43	peak

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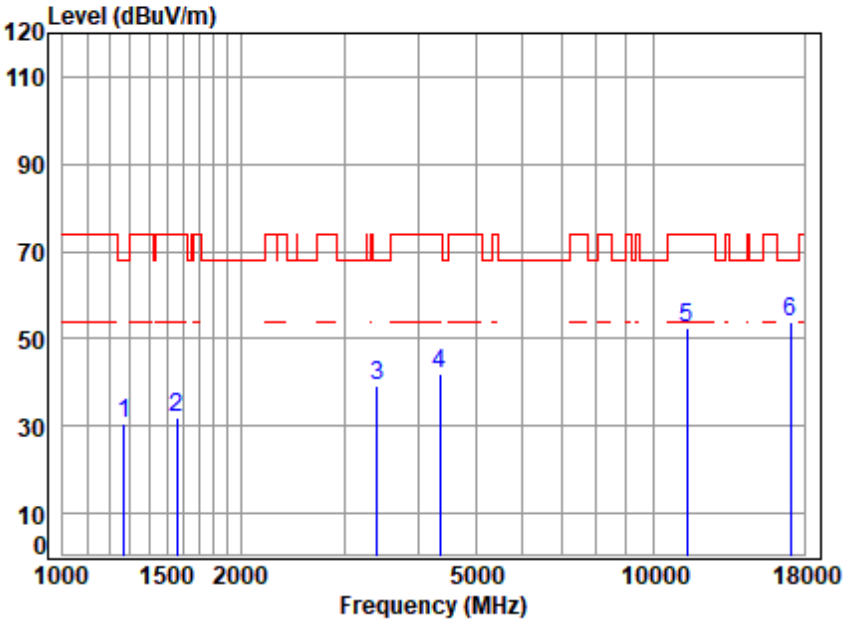
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5690 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.77	24.97	54.70	56.31	30.35	68.20	-37.85	peak
2	1560.673	4.13	26.96	54.79	55.60	31.90	74.00	-42.10	peak
3	3405.929	6.44	32.33	54.69	55.29	39.37	68.20	-28.83	peak
4	4354.454	7.08	34.44	54.26	54.76	42.02	74.00	-31.98	peak
5	11380.000	11.89	37.72	53.08	56.09	52.62	74.00	-21.38	peak
6	p17070.000	14.40	43.10	52.86	49.12	53.76	68.20	-14.44	peak

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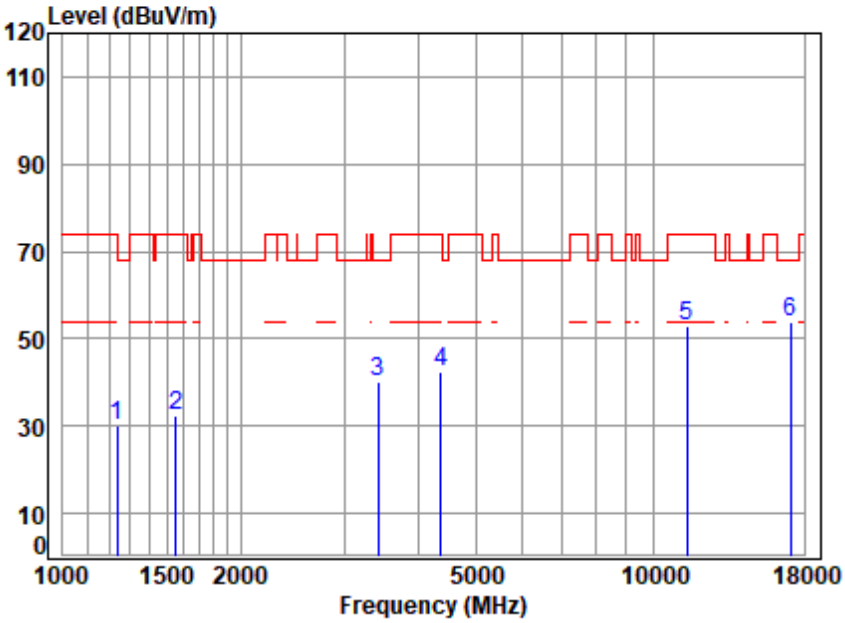
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5690 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	56.12	30.05	74.00	-43.95	peak
2	1556.169	4.12	26.98	54.79	56.28	32.59	74.00	-41.41	peak
3	3415.787	6.45	32.21	54.68	56.26	40.24	68.20	-27.96	peak
4	4367.058	7.10	34.54	54.26	55.15	42.53	74.00	-31.47	peak
5	11380.000	11.89	37.72	53.08	56.60	53.13	74.00	-20.87	peak
6	p17070.000	14.40	43.10	52.86	49.16	53.80	68.20	-14.40	peak

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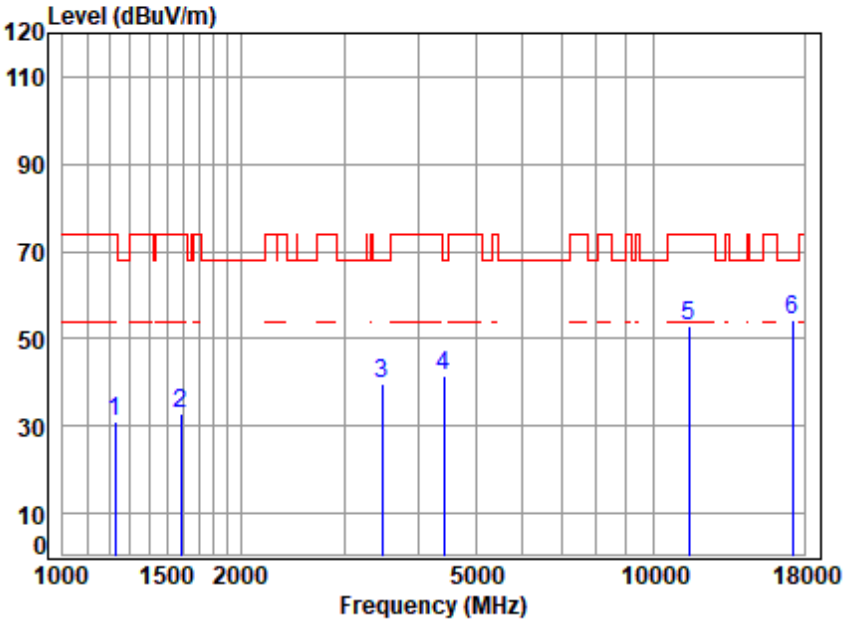
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	57.06	30.88	74.00	-43.12	peak
2	1587.975	4.17	26.85	54.80	56.74	32.96	74.00	-41.04	peak
3	3475.541	6.50	31.70	54.64	56.32	39.88	68.20	-28.32	peak
4	4417.841	7.16	34.59	54.26	54.18	41.67	68.20	-26.53	peak
5	11490.000	11.94	37.79	53.10	56.45	53.08	74.00	-20.92	peak
6	p17235.000	14.59	43.03	52.78	49.28	54.12	68.20	-14.08	peak

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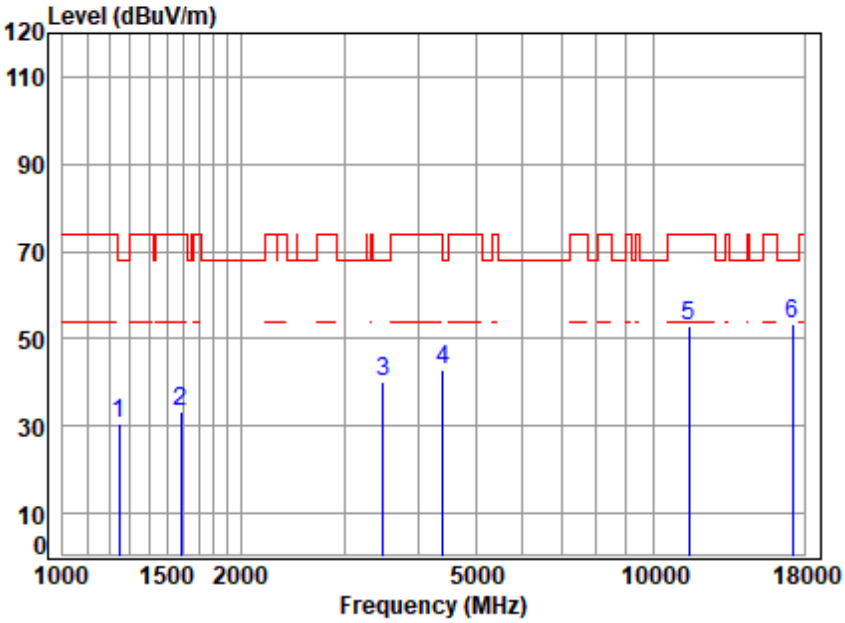
Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.74	25.04	54.70	56.44	30.52	68.20	-37.68	peak
2	1587.975	4.17	26.85	54.80	57.00	33.22	74.00	-40.78	peak
3	3485.601	6.51	31.66	54.63	56.42	39.96	68.20	-28.24	peak
4	4405.090	7.14	34.74	54.26	55.23	42.85	68.20	-25.35	peak
5	11490.000	11.94	37.79	53.10	56.49	53.12	74.00	-20.88	peak
6	p17235.000	14.59	43.03	52.78	48.77	53.61	68.20	-14.59	peak

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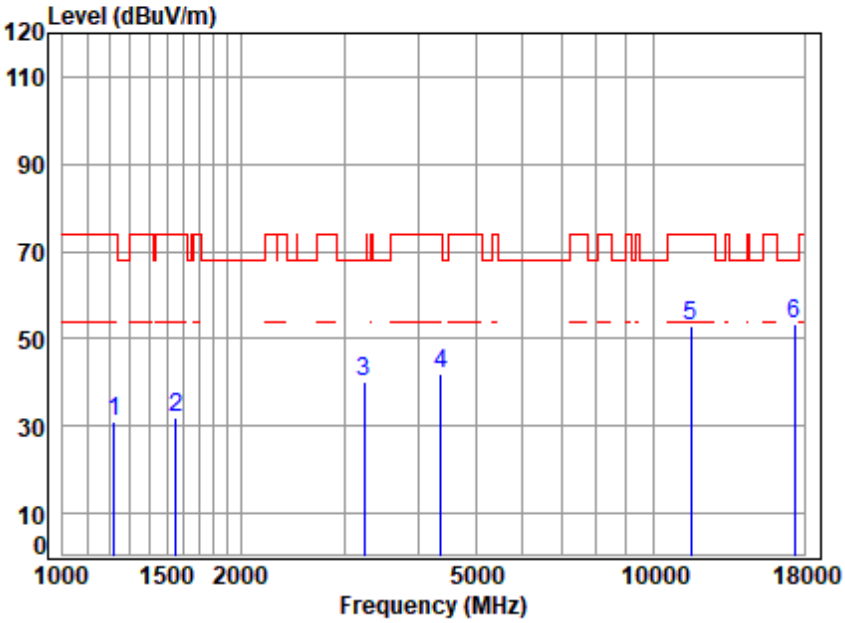
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.71	24.69	54.69	57.20	30.91	74.00	-43.09	peak
2	1551.677	4.12	26.99	54.79	55.44	31.76	74.00	-42.24	peak
3	3233.260	6.29	32.37	54.82	56.18	40.02	68.20	-28.18	peak
4	4367.058	7.10	34.54	54.26	54.70	42.08	74.00	-31.92	peak
5	11570.000	11.95	37.73	53.12	56.50	53.06	74.00	-20.94	peak
6	p17355.000	14.73	43.26	52.72	48.33	53.60	68.20	-14.60	peak

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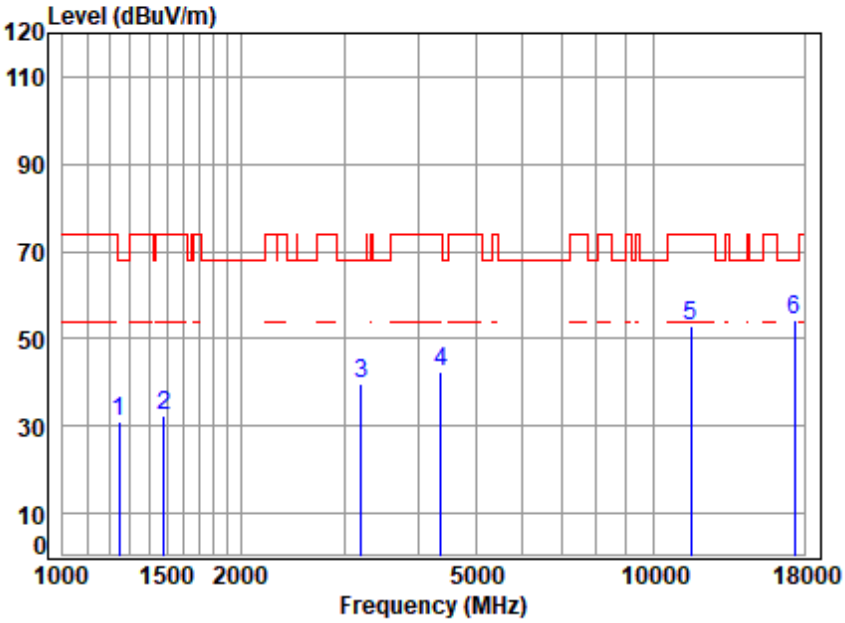

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.74	25.04	54.70	57.07	31.15	68.20	-37.05	peak
2	1485.841	4.02	26.40	54.77	56.96	32.61	74.00	-41.39	peak
3	3205.345	6.26	32.81	54.84	55.31	39.54	68.20	-28.66	peak
4	4367.058	7.10	34.54	54.26	55.26	42.64	74.00	-31.36	peak
5	11570.000	11.95	37.73	53.12	56.39	52.95	74.00	-21.05	peak
6	p17355.000	14.73	43.26	52.72	49.08	54.35	68.20	-13.85	peak

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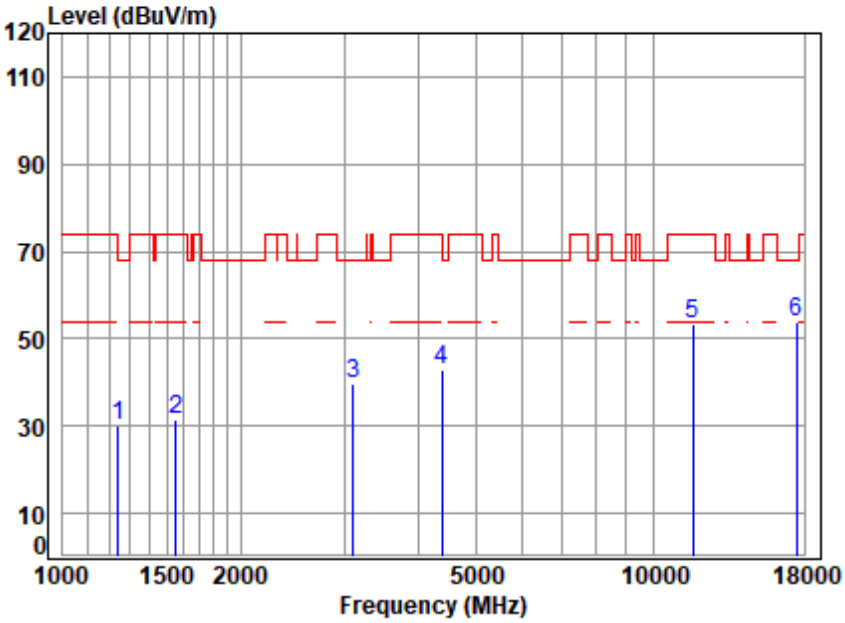
Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.74	24.99	54.69	55.85	29.89	68.20	-38.31	peak
2	1551.677	4.12	26.99	54.79	55.26	31.58	74.00	-42.42	peak
3	3105.037	6.17	31.69	54.92	56.71	39.65	68.20	-28.55	peak
4	4392.376	7.13	34.74	54.26	55.29	42.90	74.00	-31.10	peak
5	11650.000	11.95	37.80	53.13	56.58	53.20	74.00	-20.80	peak
6	p17475.000	14.86	43.40	52.66	48.19	53.79	68.20	-14.41	peak

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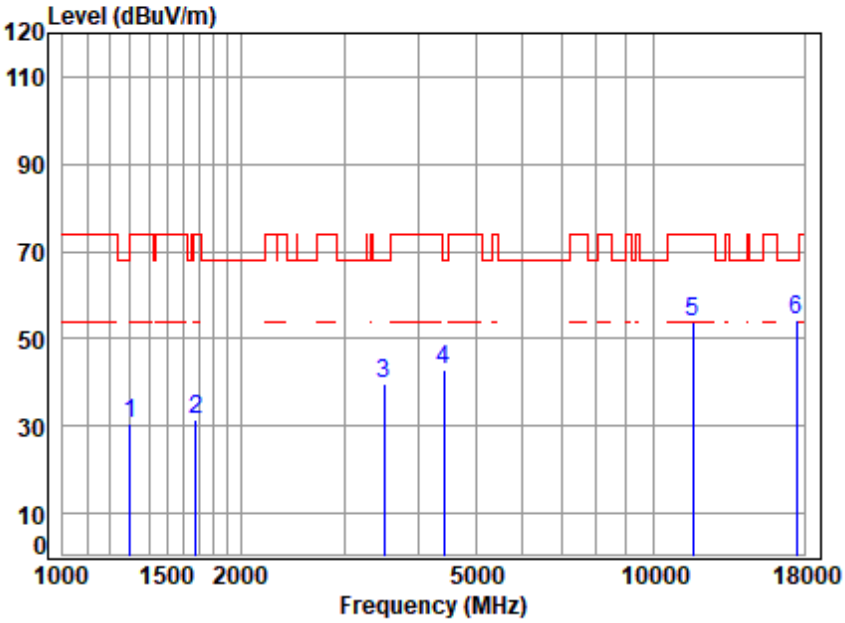
Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.81	24.79	54.71	56.46	30.35	74.00	-43.65	peak
2	1677.621	4.29	26.24	54.82	55.93	31.64	74.00	-42.36	peak
3	3495.691	6.52	31.62	54.63	56.40	39.91	68.20	-28.29	peak
4	4417.841	7.16	34.59	54.26	55.56	43.05	68.20	-25.15	peak
5	11650.000	11.95	37.80	53.13	57.17	53.79	74.00	-20.21	peak
6	p17475.000	14.86	43.40	52.66	48.75	54.35	68.20	-13.85	peak

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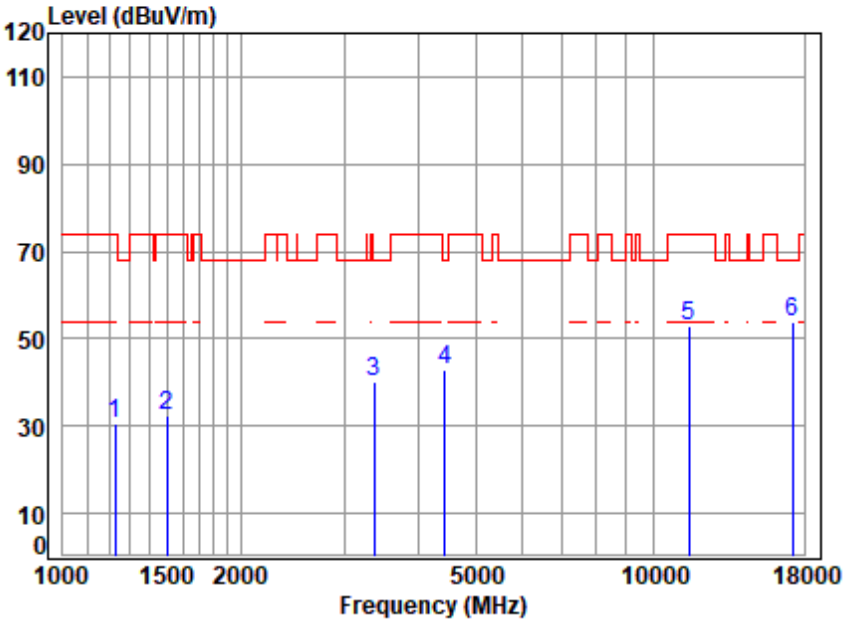
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.74	30.56	74.00	-43.44	peak
2	1503.119	4.04	26.81	54.78	56.16	32.23	74.00	-41.77	peak
3	3366.778	6.41	32.20	54.72	56.25	40.14	68.20	-28.06	peak
4	4430.628	7.17	34.43	54.25	55.62	42.97	68.20	-25.23	peak
5	11490.000	11.94	37.79	53.10	56.49	53.12	74.00	-20.88	peak
6	p17235.000	14.59	43.03	52.78	48.90	53.74	68.20	-14.46	peak

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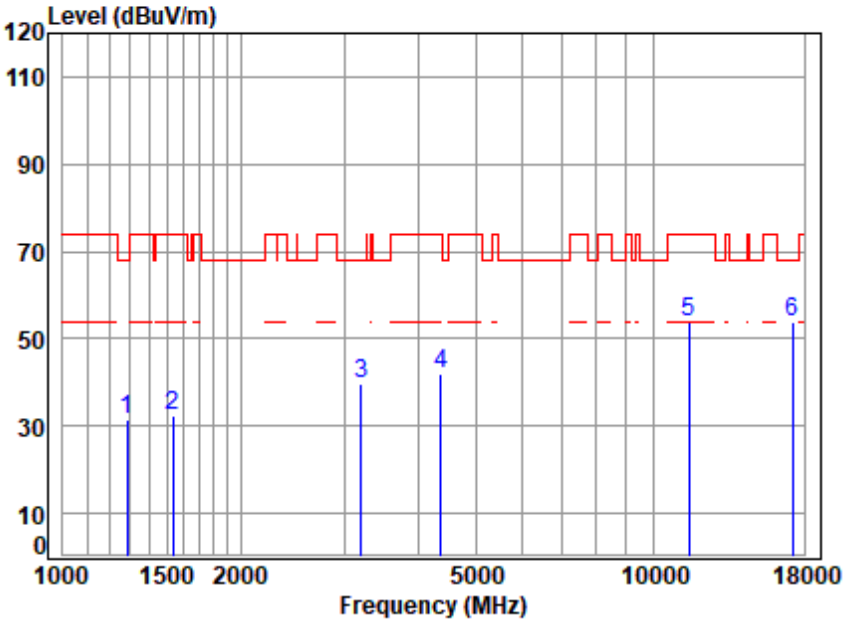
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.79	24.88	54.71	57.30	31.26	68.20	-36.94	peak
2	1538.281	4.10	26.95	54.79	56.28	32.54	74.00	-41.46	peak
3	3196.094	6.25	32.87	54.85	55.59	39.86	68.20	-28.34	peak
4	4367.058	7.10	34.54	54.26	54.62	42.00	74.00	-32.00	peak
5	11490.000	11.94	37.79	53.10	57.00	53.63	74.00	-20.37	peak
6	p17235.000	14.59	43.03	52.78	49.03	53.87	68.20	-14.33	peak

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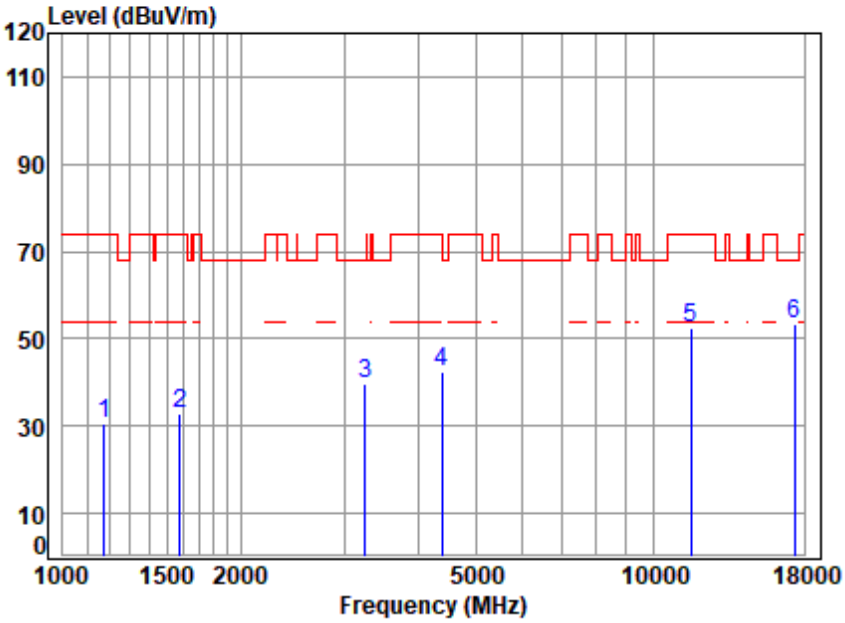
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1175.697	3.65	24.16	54.67	57.23	30.37	74.00	-43.63	peak
2	1578.822	4.16	26.88	54.80	56.51	32.75	74.00	-41.25	peak
3	3252.005	6.31	32.06	54.80	55.90	39.47	68.20	-28.73	peak
4	4392.376	7.13	34.74	54.26	55.03	42.64	74.00	-31.36	peak
5	11570.000	11.95	37.73	53.12	55.73	52.29	74.00	-21.71	peak
6	p17355.000	14.73	43.26	52.72	47.91	53.18	68.20	-15.02	peak

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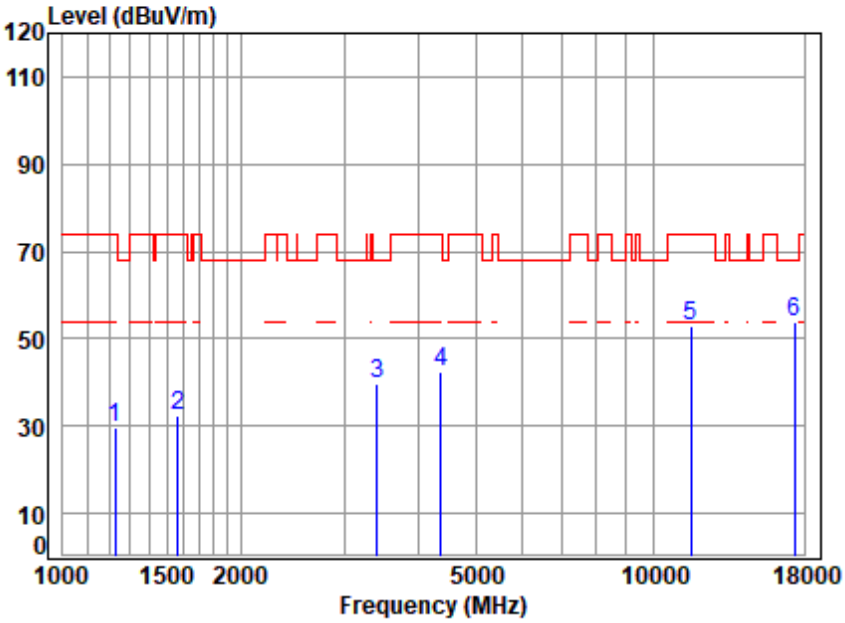
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.00	29.82	74.00	-44.18	peak
2	1569.721	4.14	26.92	54.80	55.94	32.20	74.00	-41.80	peak
3	3405.929	6.44	32.33	54.69	55.63	39.71	68.20	-28.49	peak
4	4367.058	7.10	34.54	54.26	55.09	42.47	74.00	-31.53	peak
5	11570.000	11.95	37.73	53.12	56.26	52.82	74.00	-21.18	peak
6	p17355.000	14.73	43.26	52.72	48.50	53.77	68.20	-14.43	peak

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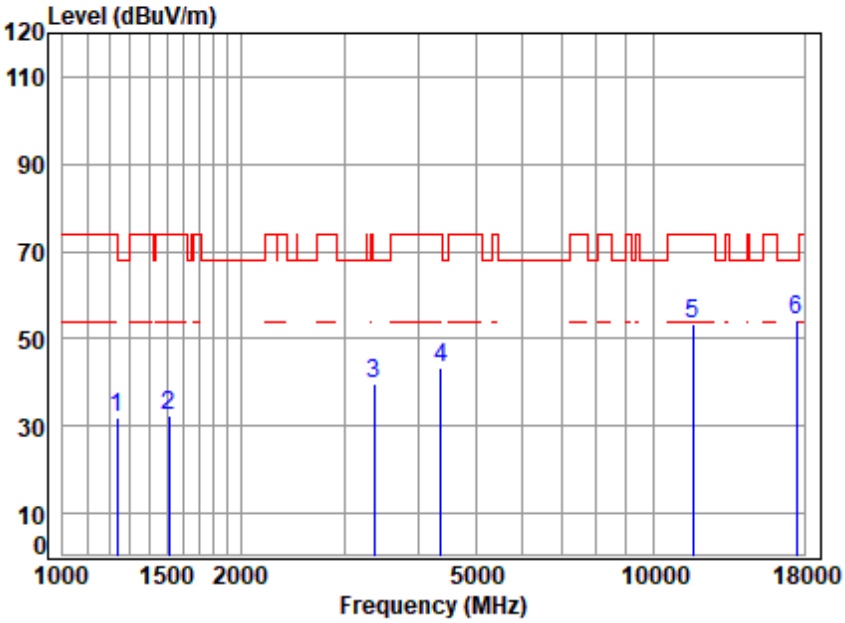
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.85	31.83	74.00	-42.17	peak
2	1511.833	4.06	26.85	54.78	56.32	32.45	74.00	-41.55	peak
3	3366.778	6.41	32.20	54.72	55.62	39.51	68.20	-28.69	peak
4	4367.058	7.10	34.54	54.26	55.78	43.16	74.00	-30.84	peak
5	11650.000	11.95	37.80	53.13	56.75	53.37	74.00	-20.63	peak
6	p17475.000	14.86	43.40	52.66	48.80	54.40	68.20	-13.80	peak

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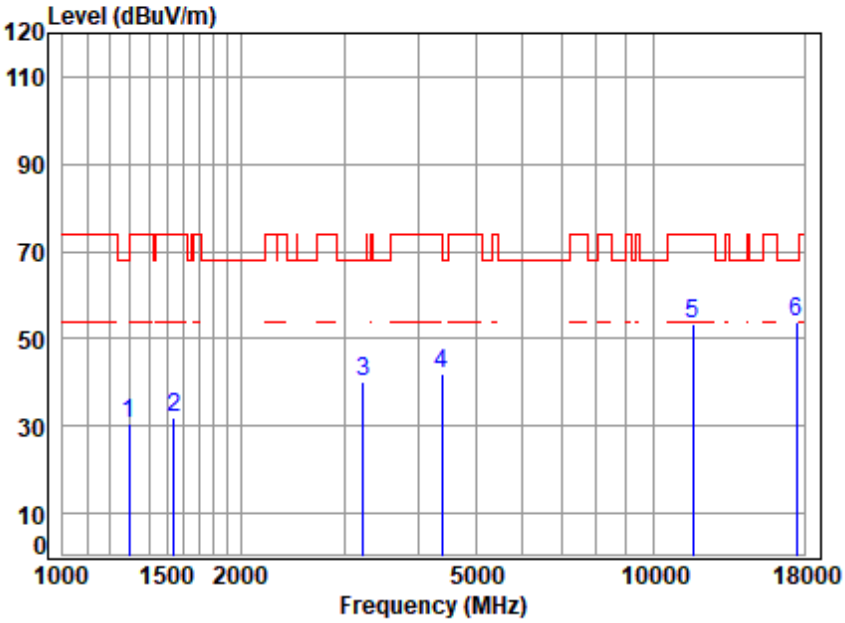
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	3.80	24.84	54.71	56.81	30.74	68.20	-37.46	peak
2	1542.733	4.10	26.97	54.79	55.88	32.16	74.00	-41.84	peak
3	3223.928	6.28	32.52	54.82	56.21	40.19	68.20	-28.01	peak
4	4392.376	7.13	34.74	54.26	54.29	41.90	74.00	-32.10	peak
5	11650.000	11.95	37.80	53.13	56.95	53.57	74.00	-20.43	peak
6	p17475.000	14.86	43.40	52.66	48.35	53.95	68.20	-14.25	peak

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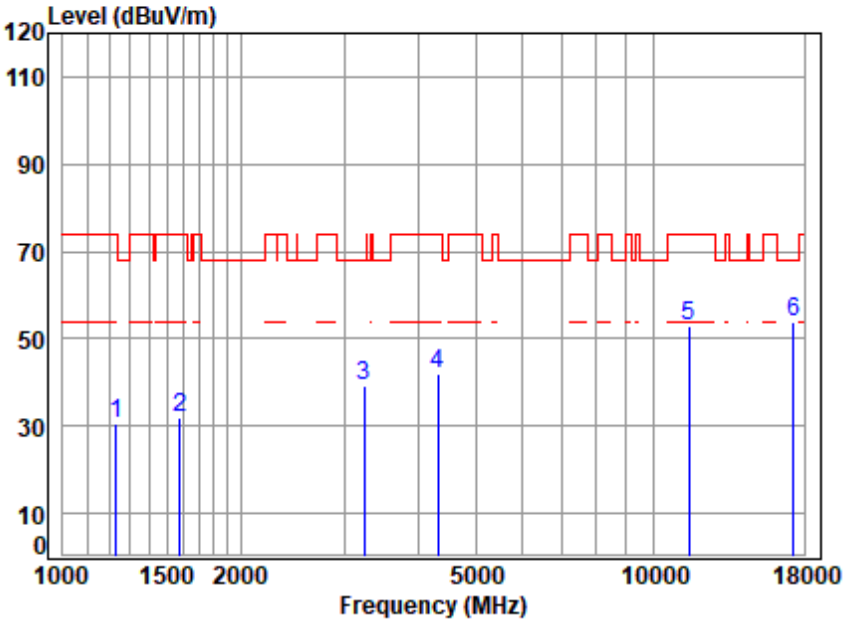
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.72	24.84	54.69	56.48	30.35	74.00	-43.65	peak
2	1578.822	4.16	26.88	54.80	55.86	32.10	74.00	-41.90	peak
3	3233.260	6.29	32.37	54.82	55.51	39.35	68.20	-28.85	peak
4	4316.859	7.04	34.13	54.27	55.14	42.04	74.00	-31.96	peak
5	11510.000	11.95	37.79	53.10	56.07	52.71	74.00	-21.29	peak
6	p17265.000	14.62	43.06	52.76	49.05	53.97	68.20	-14.23	peak

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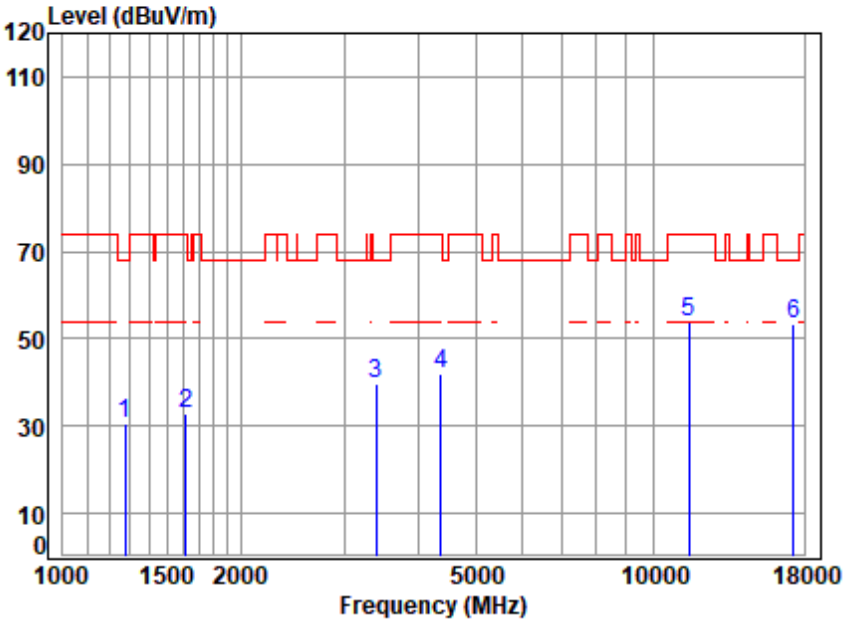
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.78	24.95	54.71	56.51	30.53	68.20	-37.67	peak
2	1615.754	4.21	26.64	54.81	56.71	32.75	74.00	-41.25	peak
3	3396.098	6.43	32.38	54.70	55.39	39.50	68.20	-28.70	peak
4	4367.058	7.10	34.54	54.26	54.82	42.20	74.00	-31.80	peak
5	11510.000	11.95	37.79	53.10	56.97	53.61	74.00	-20.39	peak
6	p17265.000	14.62	43.06	52.76	48.42	53.34	68.20	-14.86	peak

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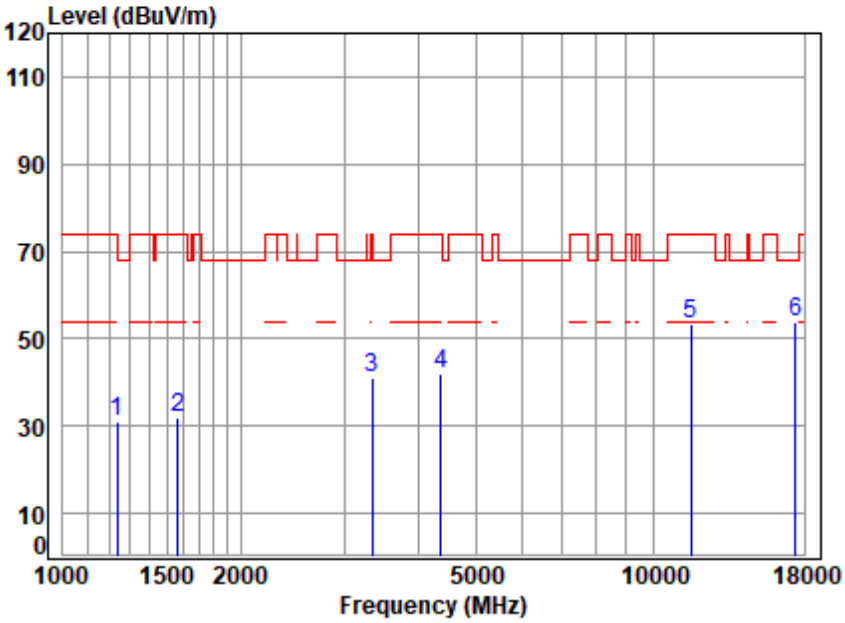
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.73	24.89	54.69	56.87	30.80	74.00	-43.20	peak
2	1569.721	4.14	26.92	54.80	55.81	32.07	74.00	-41.93	peak
3	3347.371	6.39	32.05	54.73	57.51	41.22	74.00	-32.78	peak
4	4367.058	7.10	34.54	54.26	54.64	42.02	74.00	-31.98	peak
5	11590.000	11.95	37.71	53.12	56.62	53.16	74.00	-20.84	peak
6	p17385.000	14.76	43.35	52.70	48.40	53.81	68.20	-14.39	peak

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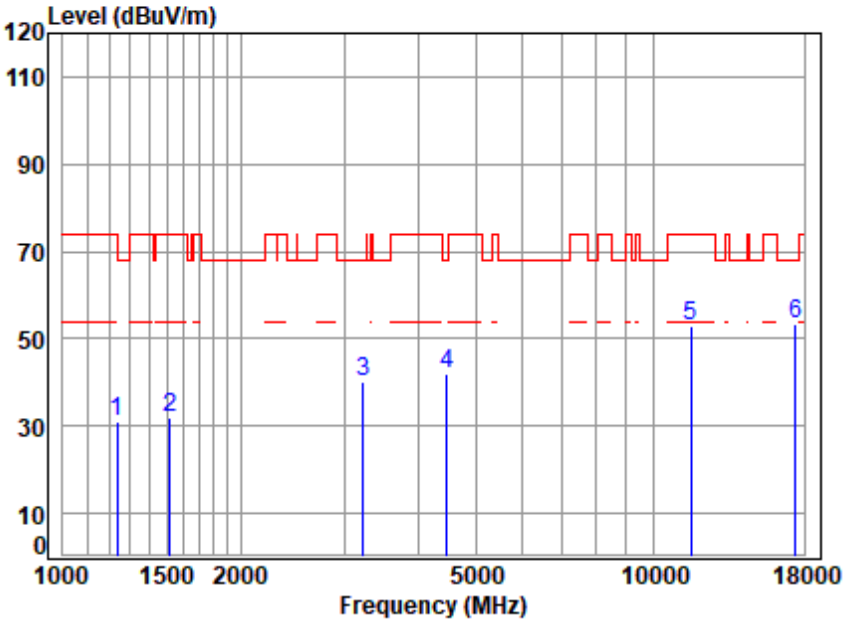
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.73	24.94	54.69	57.13	31.11	74.00	-42.89	peak
2	1516.210	4.06	26.86	54.78	55.58	31.72	74.00	-42.28	peak
3	3223.928	6.28	32.52	54.82	56.37	40.35	68.20	-27.85	peak
4	4469.214	7.22	33.97	54.25	54.98	41.92	68.20	-26.28	peak
5	11590.000	11.95	37.71	53.12	56.42	52.96	74.00	-21.04	peak
6	p17385.000	14.76	43.35	52.70	47.94	53.35	68.20	-14.85	peak

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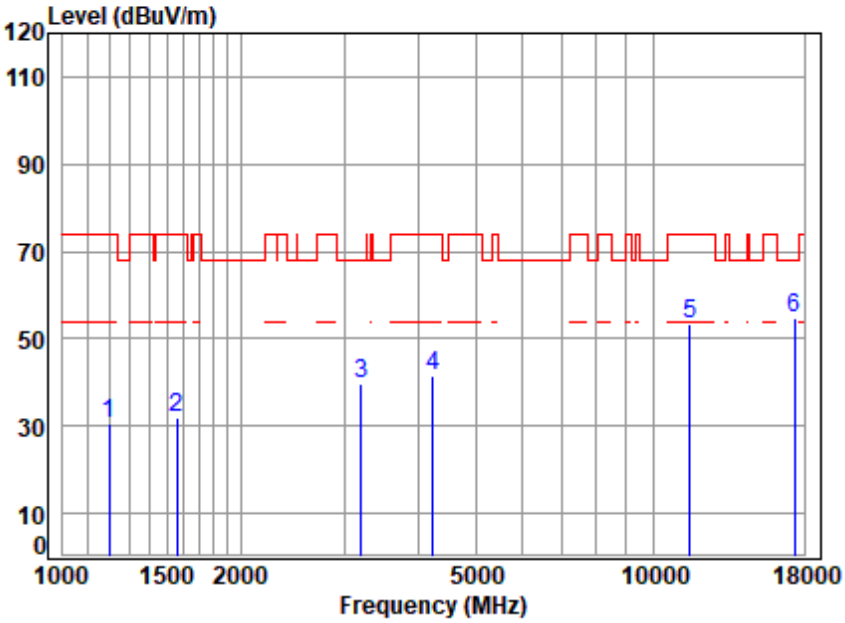
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	3.68	24.40	54.68	57.29	30.69	74.00	-43.31	peak
2	1560.673	4.13	26.96	54.79	55.43	31.73	74.00	-42.27	peak
3	3196.094	6.25	32.87	54.85	55.59	39.86	68.20	-28.34	peak
4	4230.396	6.94	33.80	54.27	55.24	41.71	74.00	-32.29	peak
5	11550.000	11.95	37.75	53.11	56.81	53.40	74.00	-20.60	peak
6	p17325.000	14.69	43.17	52.73	49.55	54.68	68.20	-13.52	peak

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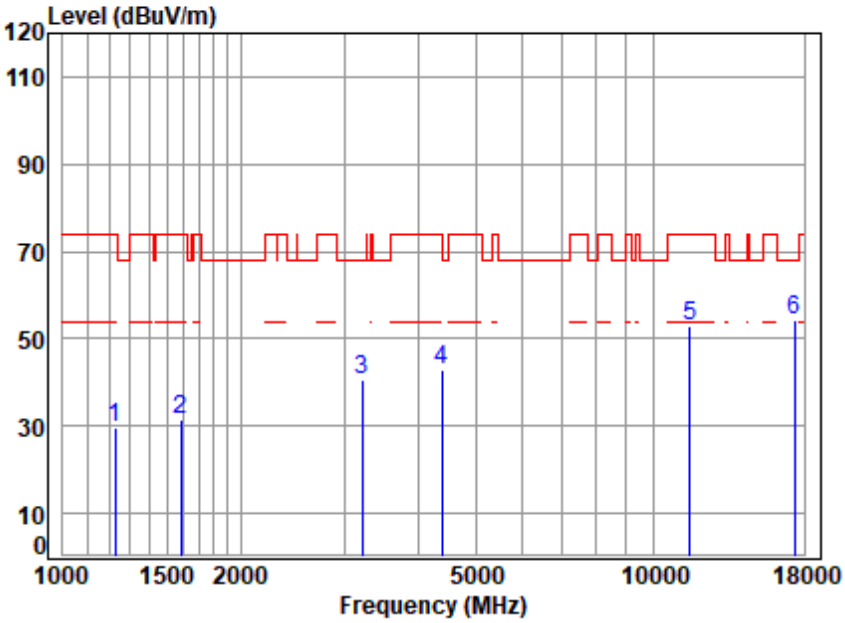
Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.72	24.79	54.69	56.00	29.82	74.00	-44.18	peak
2	1583.392	4.16	26.87	54.80	55.28	31.51	74.00	-42.49	peak
3	3214.623	6.27	32.67	54.83	56.46	40.57	68.20	-27.63	peak
4	4392.376	7.13	34.74	54.26	55.38	42.99	74.00	-31.01	peak
5	11550.000	11.95	37.75	53.11	56.48	53.07	74.00	-20.93	peak
6	p17325.000	14.69	43.17	52.73	49.36	54.49	68.20	-13.71	peak

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7.5 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.

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7.5.1 E.U.T. Operation

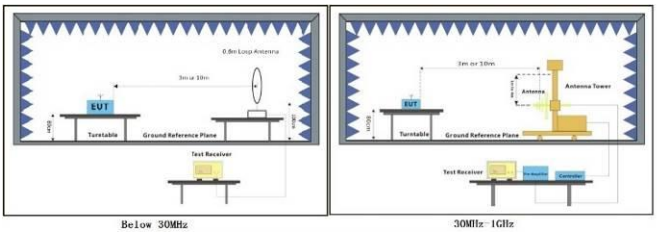
Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

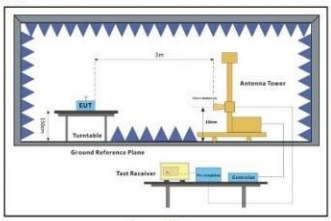
Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. 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. Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz



Above 1GHz

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7.5.4 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 ⩾1/T (Duty cycle＜98%) or 10Hz (Duty cycle⩾98%) for Average detection (AV) at frequency above 1GHz.

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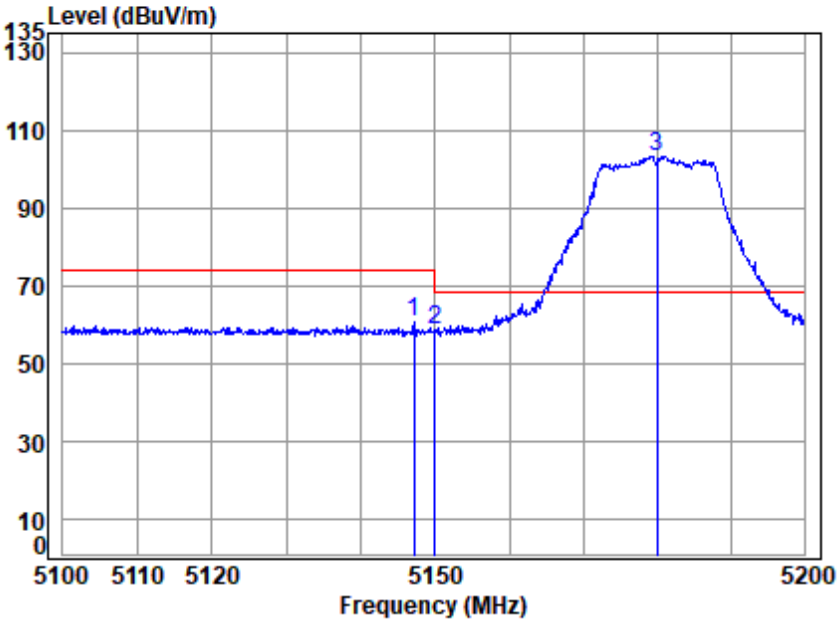
External antenna path:

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.158	18.83	33.91	31.28	38.89	60.35	74.00	-13.65	peak
2	5149.980	18.83	33.90	31.28	37.12	58.57	74.00	-15.43	peak
3 p	5180.000	18.88	33.96	31.30	81.82	103.36	68.20	35.16	peak

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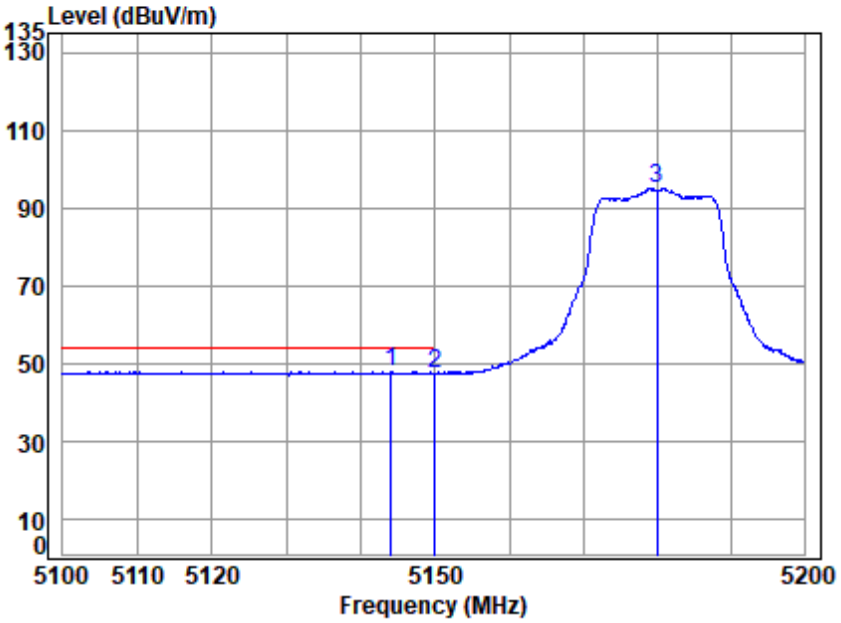
Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11A

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	q	5144.061	18.83	33.91	31.28	26.28	47.74	54.00	-6.26	Average
2		5149.980	18.83	33.90	31.28	25.89	47.34	54.00	-6.66	Average
3		5180.000	18.88	33.96	31.30	73.48	95.02	------	------	Average

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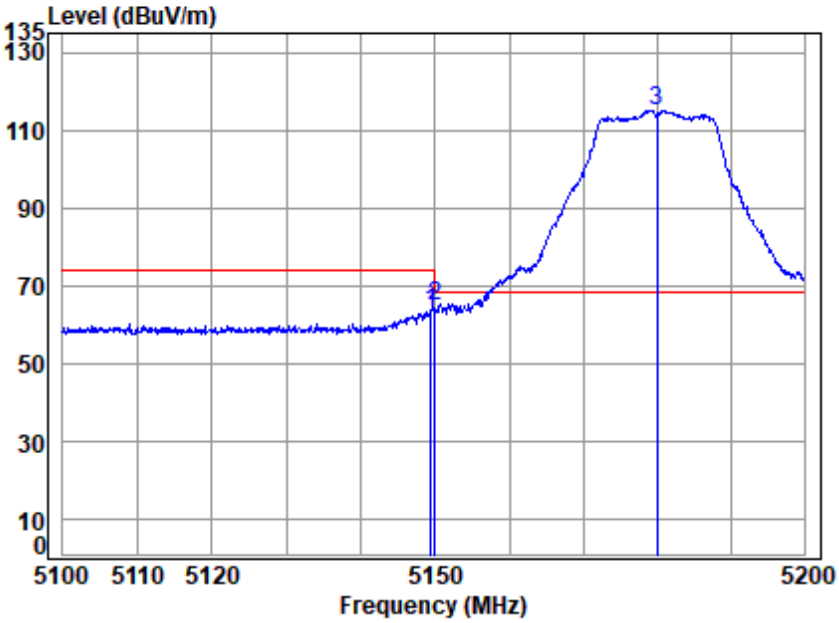
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	18.83	33.90	31.28	41.55	63.00	74.00	-11.00	Peak
2	5149.980	18.83	33.90	31.28	43.47	64.92	74.00	-9.08	Peak
3 p	5180.000	18.88	33.96	31.30	93.63	115.17	68.20	46.97	Peak

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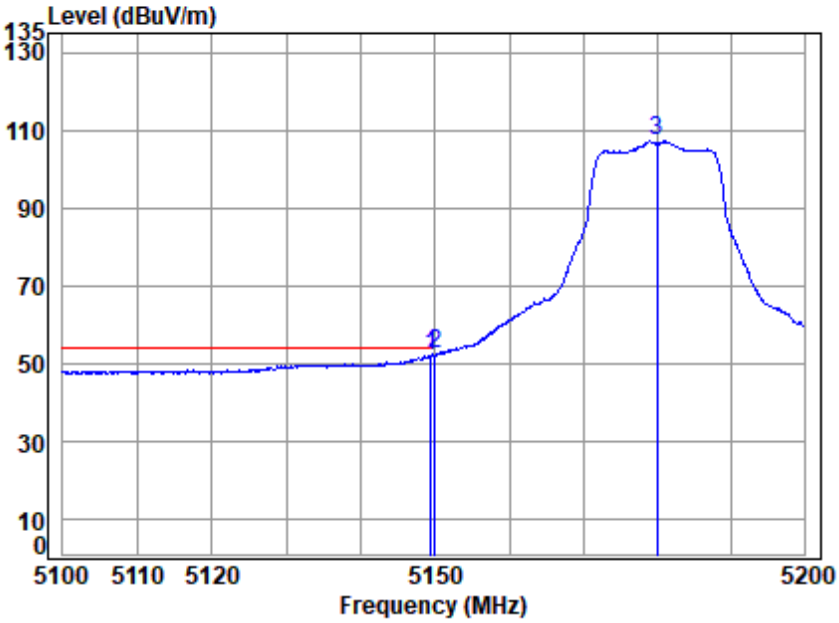
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.357	18.83	33.90	31.28	30.18	51.63	54.00	-2.37	Average
2 q	5149.980	18.83	33.90	31.28	30.89	52.34	54.00	-1.66	Average
3	5180.000	18.88	33.96	31.30	85.64	107.18	------	------	Average

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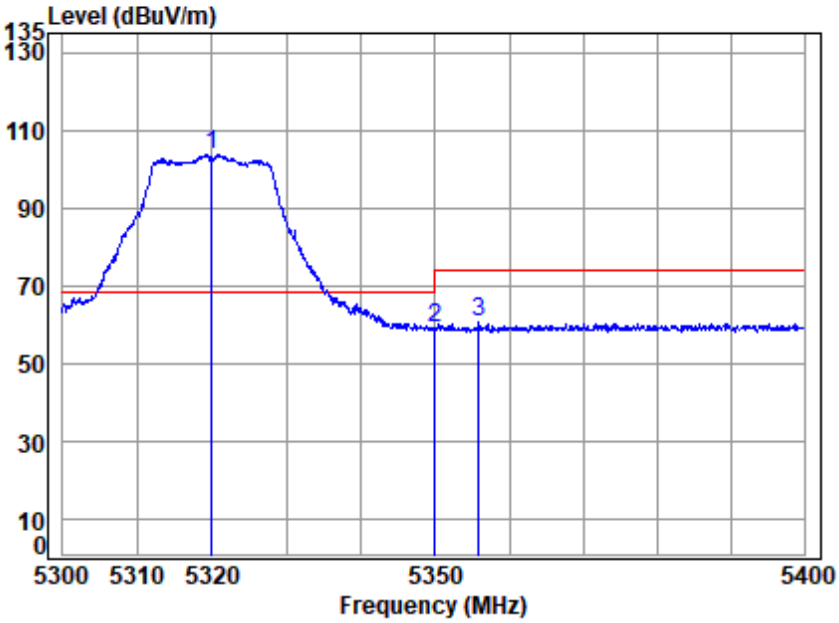
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11A

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	p	5320.000	19.07	34.28	31.37	81.65	103.63	68.20	35.43	peak
2		5350.020	19.11	34.40	31.39	37.14	59.26	74.00	-14.74	peak
3		5355.870	19.12	34.42	31.39	38.38	60.53	74.00	-13.47	peak

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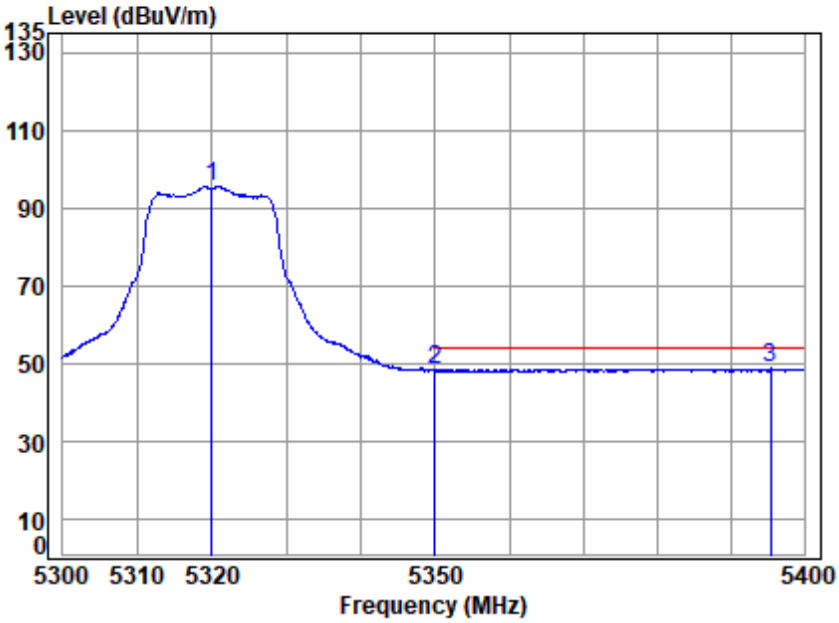
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	73.62	95.60	------	------	Average
2	5350.020	19.11	34.40	31.39	26.15	48.27	54.00	-5.73	Average
3 q	5395.460	19.17	34.58	31.41	26.19	48.53	54.00	-5.47	Average

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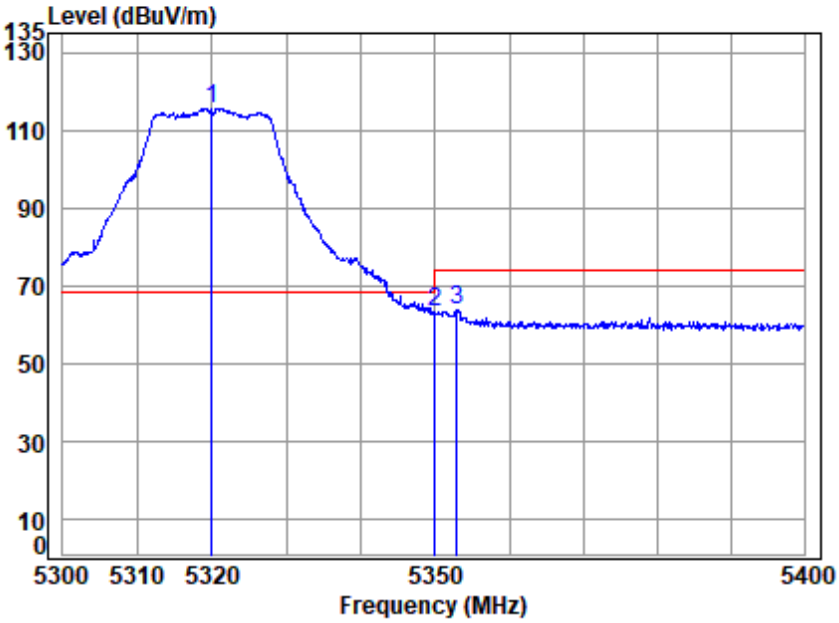
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11A

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	p	5320.000	19.07	34.28	31.37	93.75	115.73	68.20	47.53	Peak
2		5350.020	19.11	34.40	31.39	40.82	62.94	74.00	-11.06	Peak
3		5352.967	19.11	34.41	31.39	41.66	63.79	74.00	-10.21	Peak

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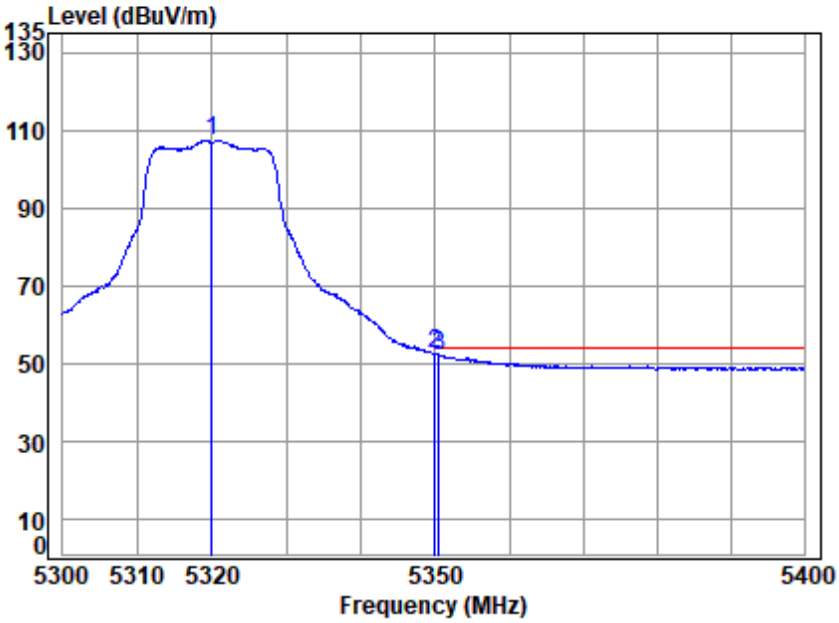
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	85.48	107.46	------	------	Average
2 q	5350.020	19.11	34.40	31.39	30.11	52.23	54.00	-1.77	Average
3	5350.566	19.11	34.40	31.39	29.66	51.78	54.00	-2.22	Average

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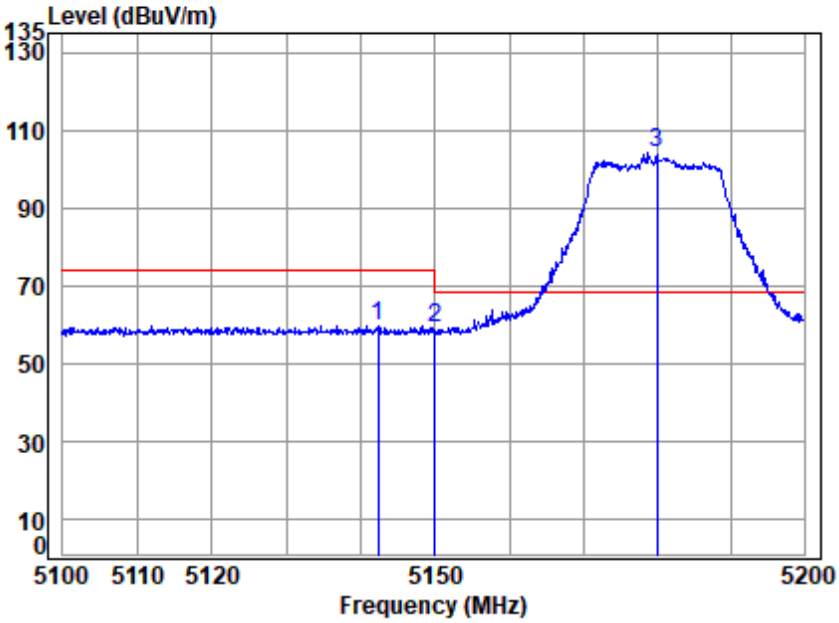
Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.263	18.82	33.92	31.28	38.23	59.69	74.00	-14.31	peak
2	5149.980	18.83	33.90	31.28	37.34	58.79	74.00	-15.21	peak
3 p	5180.000	18.88	33.96	31.30	82.62	104.16	68.20	35.96	peak

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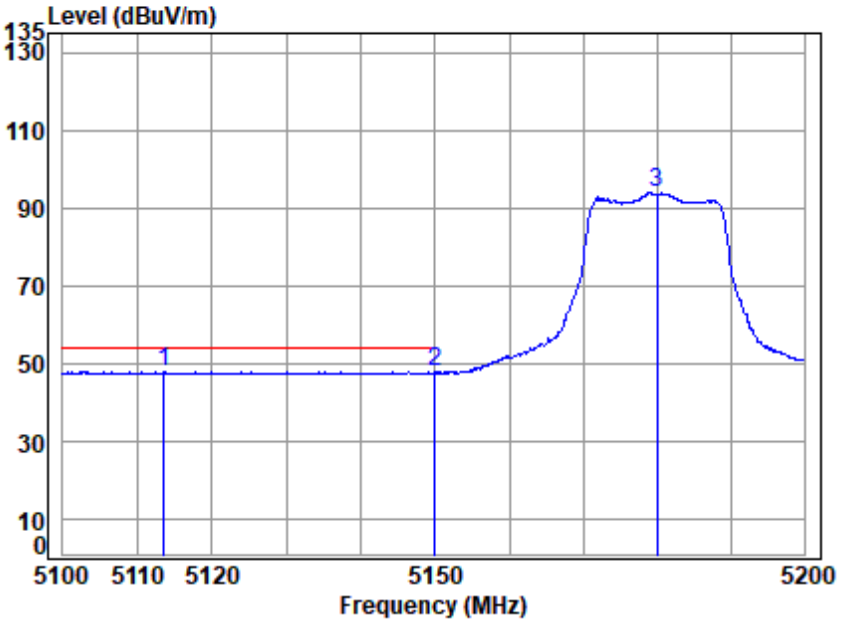
Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5113.585	18.78	33.97	31.26	26.35	47.84	54.00	-6.16	Average
2	5149.980	18.83	33.90	31.28	26.19	47.64	54.00	-6.36	Average
3	5180.000	18.88	33.96	31.30	72.38	93.92	------	------	Average

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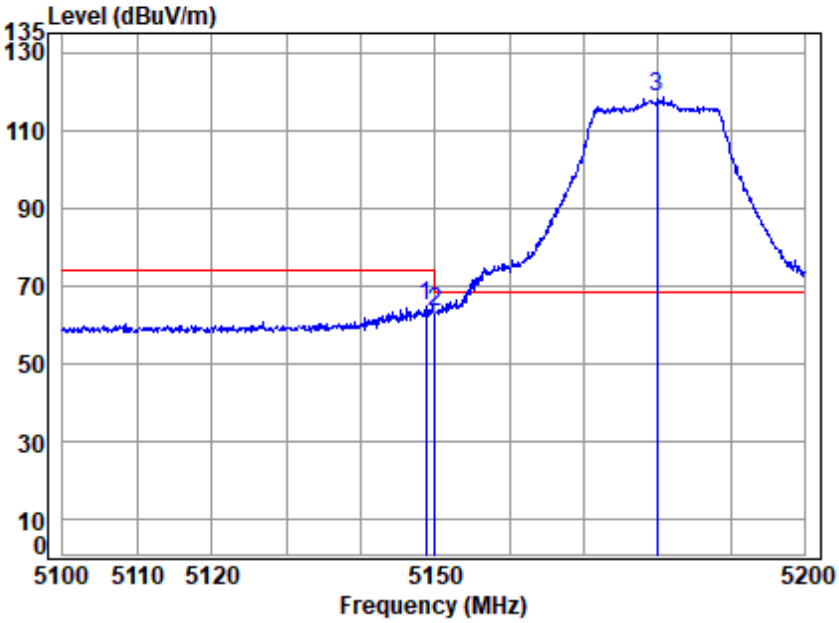
Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.757	18.83	33.90	31.28	43.27	64.72	74.00	-9.28	Peak
2	5149.980	18.83	33.90	31.28	41.87	63.32	74.00	-10.68	Peak
3 p	5180.000	18.88	33.96	31.30	96.94	118.48	68.20	50.28	Peak

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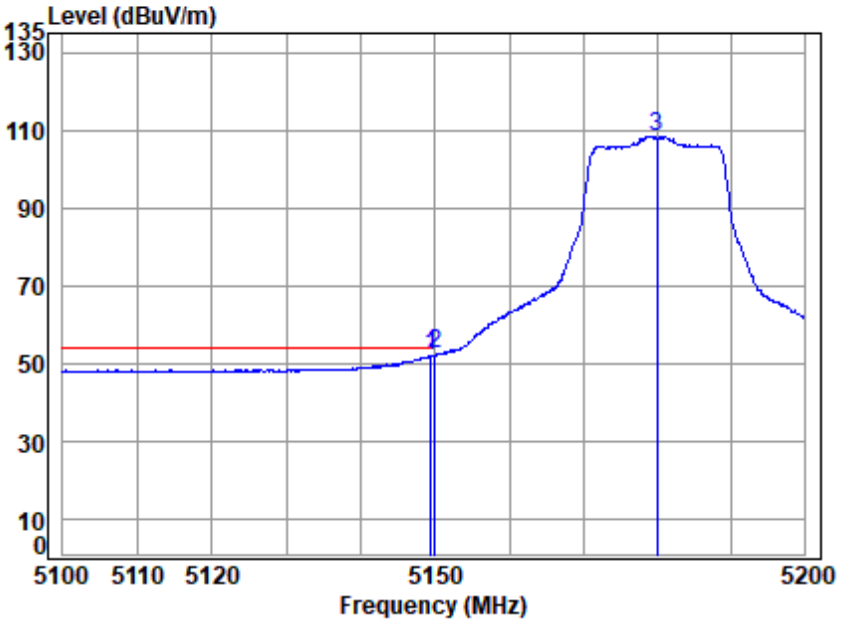
Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	18.83	33.90	31.28	30.37	51.82	54.00	-2.18	Average
2 q	5149.980	18.83	33.90	31.28	30.84	52.29	54.00	-1.71	Average
3	5180.000	18.88	33.96	31.30	86.89	108.43	------	------	Average

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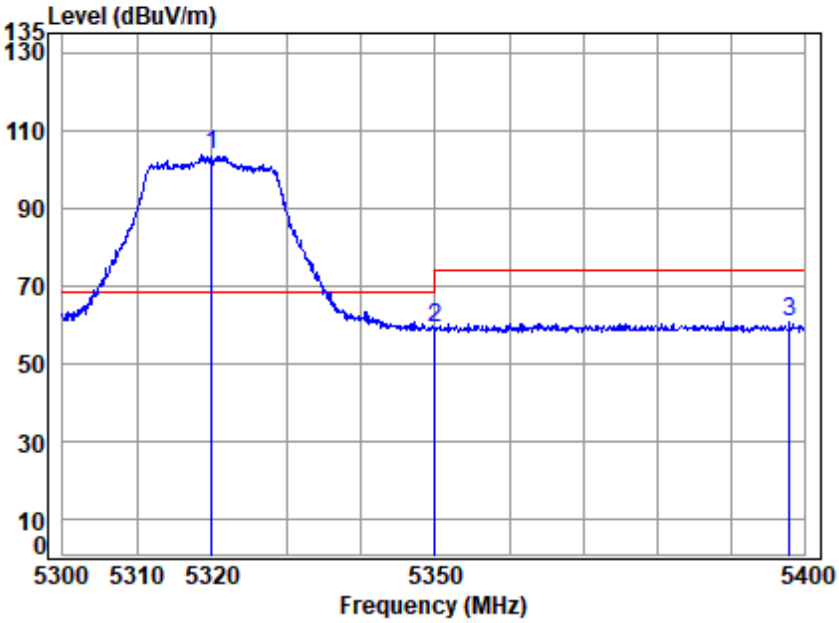
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5320.000	19.07	34.28	31.37	81.85	103.83	68.20	35.63	peak
2	5350.020	19.11	34.40	31.39	36.88	59.00	74.00	-15.00	peak
3	5398.083	19.17	34.59	31.41	38.26	60.61	74.00	-13.39	peak

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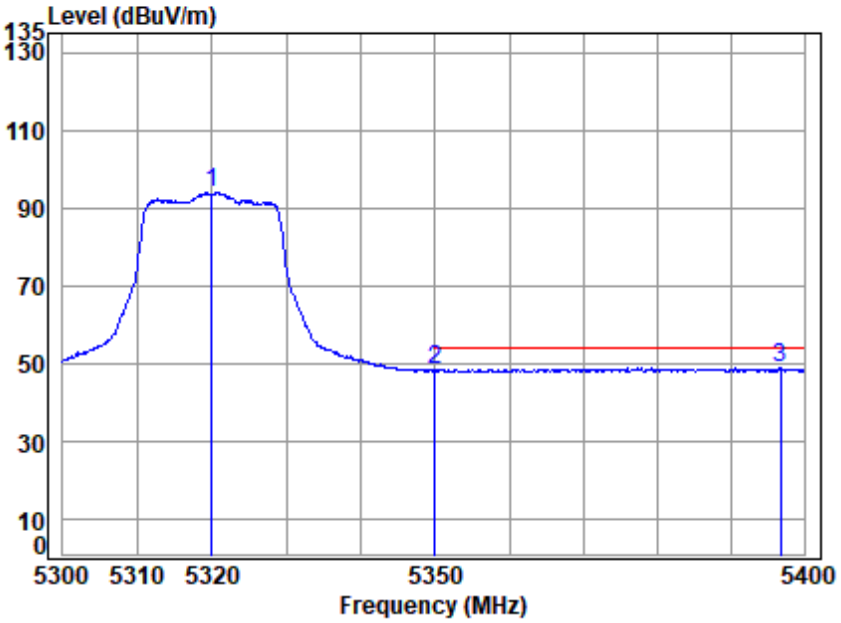
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	72.10	94.08	------	------	Average
2	5350.020	19.11	34.40	31.39	26.17	48.29	54.00	-5.71	Average
3 q	5396.771	19.17	34.59	31.41	26.44	48.79	54.00	-5.21	Average

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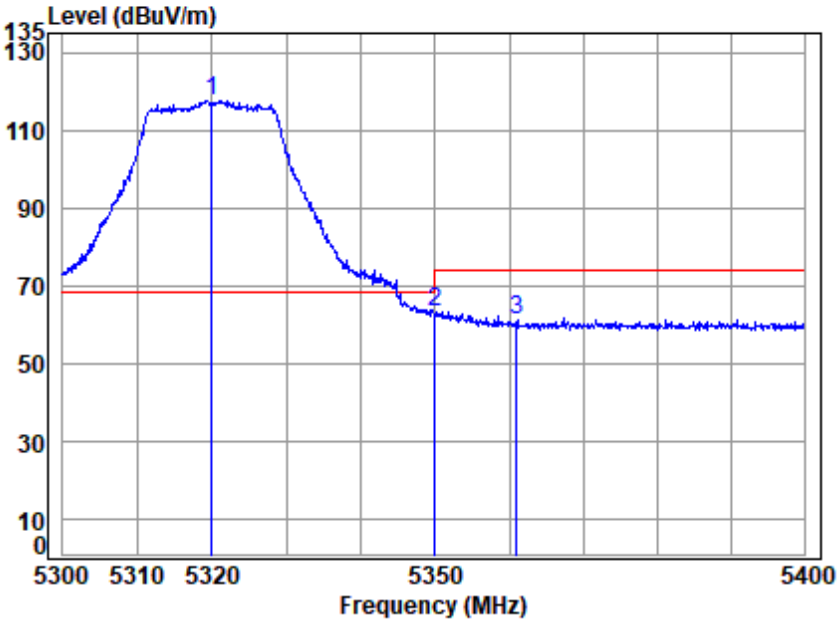
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5320.000	19.07	34.28	31.37	95.79	117.77	68.20	49.57	Peak
2	5350.020	19.11	34.40	31.39	41.17	63.29	74.00	-10.71	Peak
3	5360.978	19.12	34.44	31.39	38.85	61.02	74.00	-12.98	Peak

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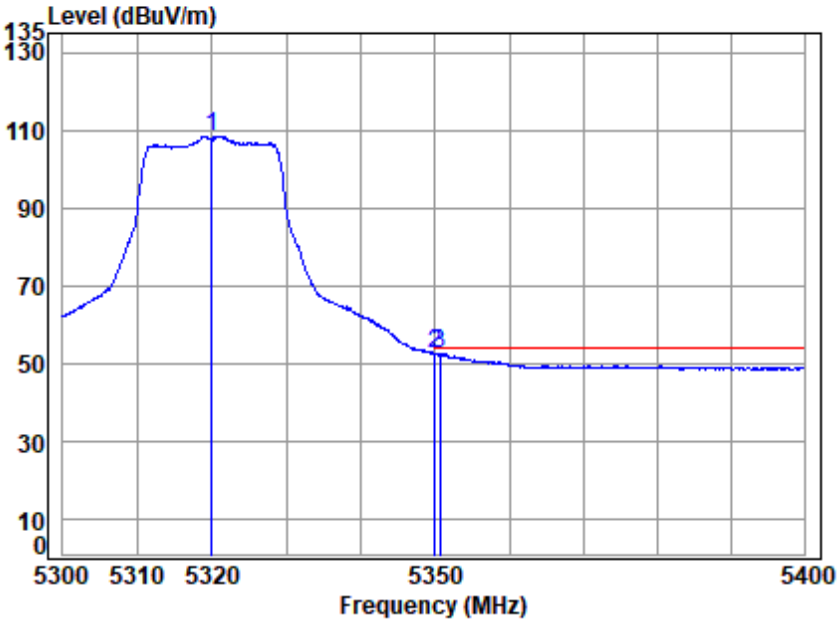

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	86.58	108.56	------	------	Average
2 q	5350.020	19.11	34.40	31.39	30.27	52.39	54.00	-1.61	Average
3	5350.667	19.11	34.40	31.39	30.10	52.22	54.00	-1.78	Average

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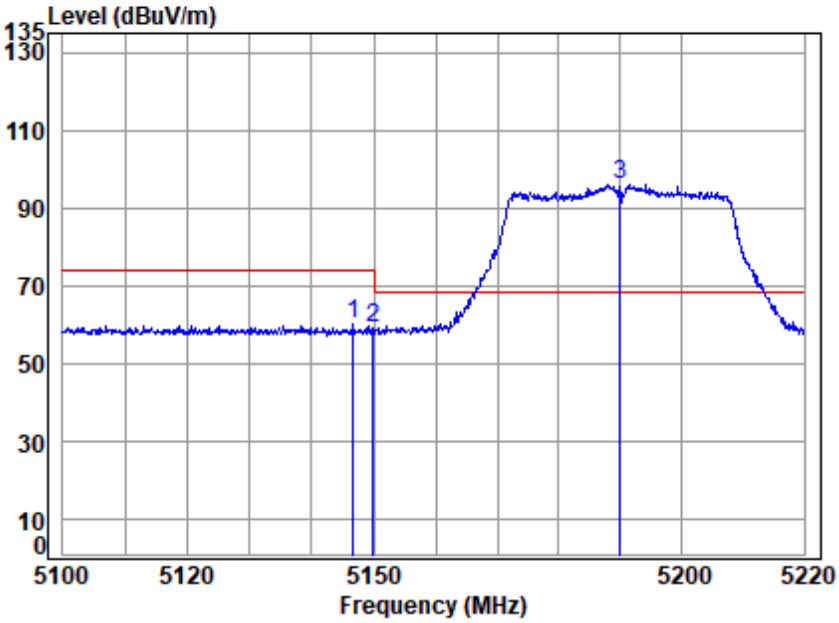
Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.708	18.83	33.91	31.28	38.40	59.86	74.00	-14.14	peak
2	5149.980	18.83	33.90	31.28	37.81	59.26	74.00	-14.74	peak
3 p	5190.000	18.89	33.98	31.30	74.54	96.11	68.20	27.91	peak

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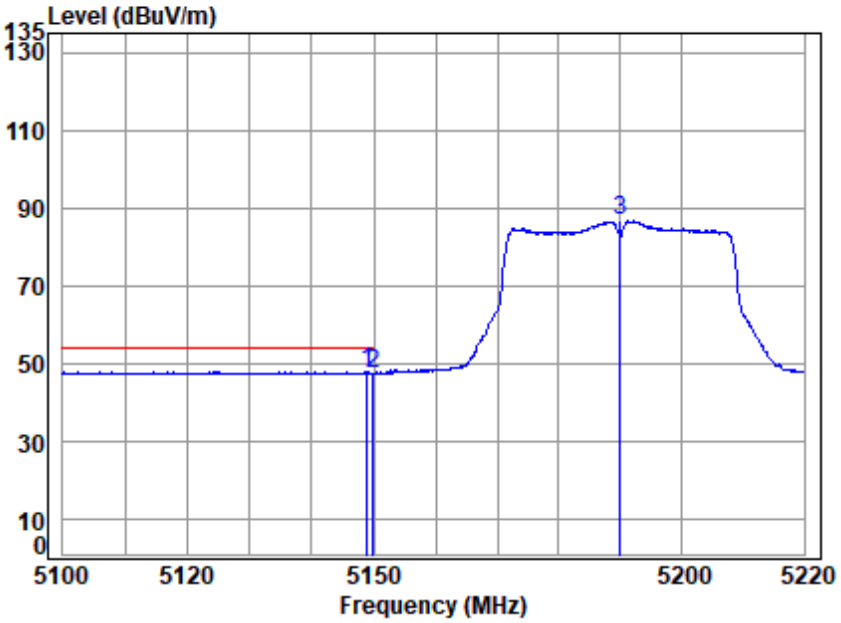
Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5148.863	18.83	33.90	31.28	26.32	47.77	54.00	-6.23	Average
2	5149.980	18.83	33.90	31.28	26.02	47.47	54.00	-6.53	Average
3	5190.000	18.89	33.98	31.30	65.32	86.89	------	------	Average

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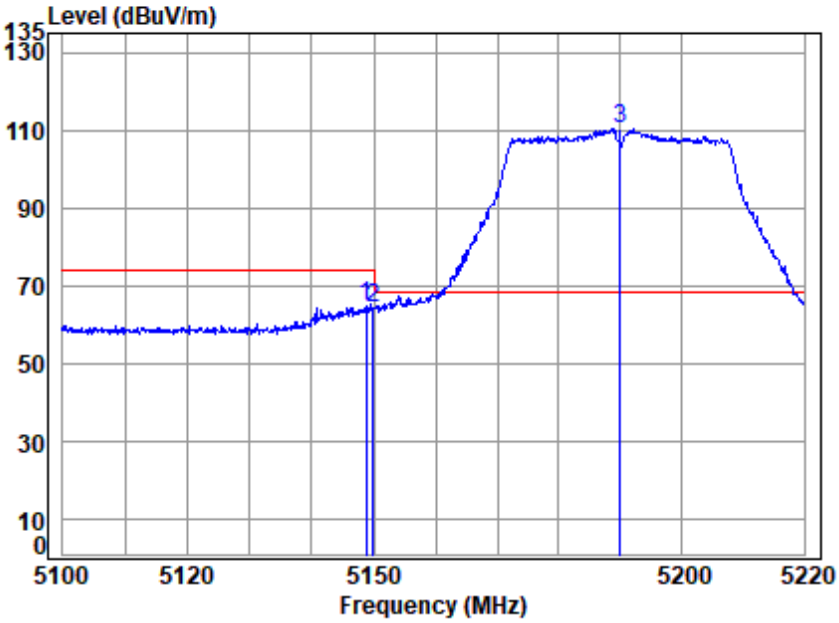
Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.743	18.83	33.90	31.28	43.18	64.63	74.00	-9.37	Peak
2	5149.980	18.83	33.90	31.28	42.65	64.10	74.00	-9.90	Peak
3 p	5190.000	18.89	33.98	31.30	88.64	110.21	68.20	42.01	Peak

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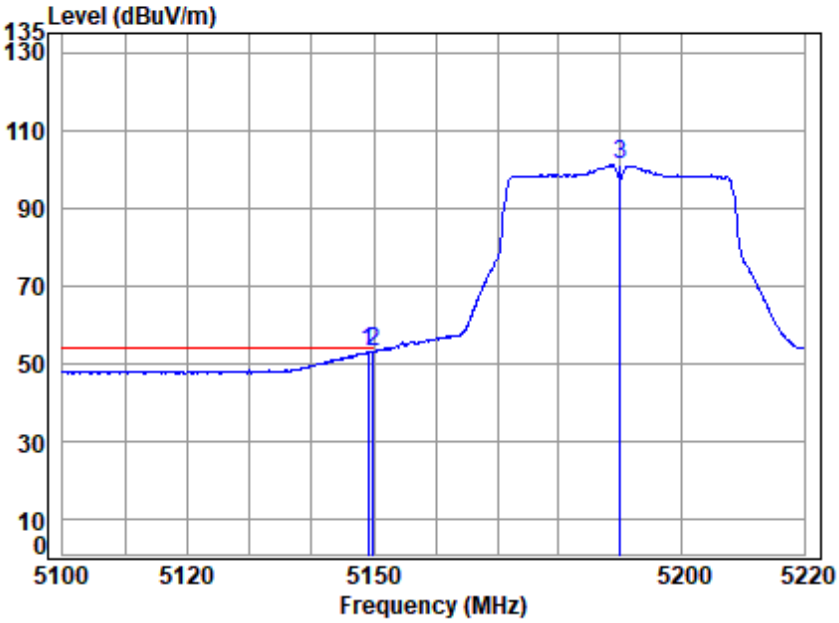
Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.102	18.83	33.90	31.28	31.44	52.89	54.00	-1.11	Average
2 q	5149.980	18.83	33.90	31.28	31.65	53.10	54.00	-0.90	Average
3	5190.000	18.89	33.98	31.30	79.49	101.06	------	------	Average

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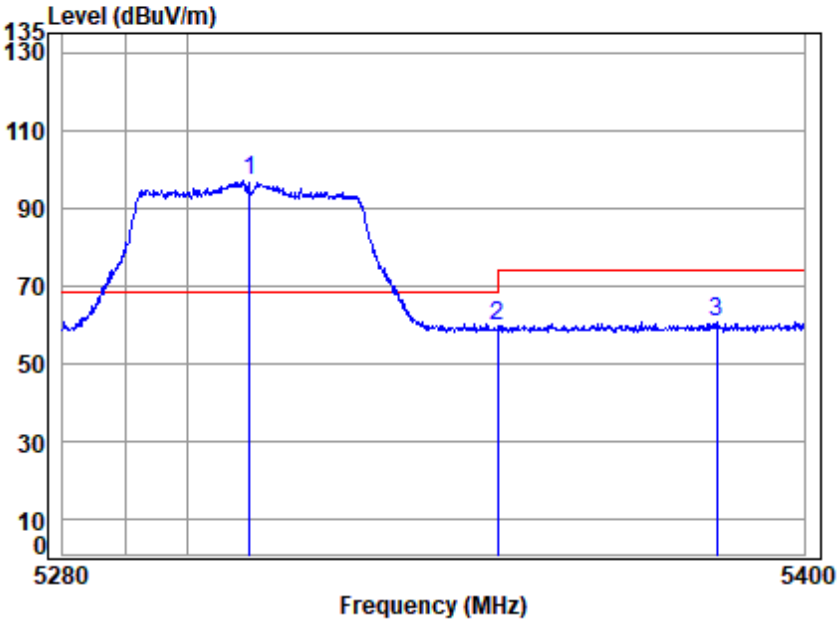
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5310.000	19.06	34.24	31.36	75.00	96.94	68.20	28.74	peak
2	5350.020	19.11	34.40	31.39	37.56	59.68	74.00	-14.32	peak
3	5385.699	19.16	34.54	31.40	38.41	60.71	74.00	-13.29	peak

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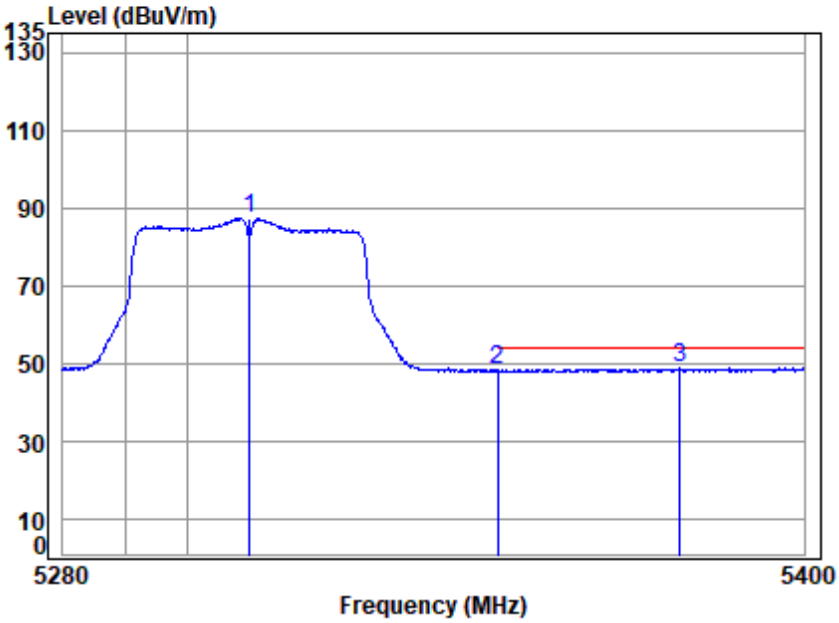
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	19.06	34.24	31.36	65.29	87.23	------	------	Average
2	5350.020	19.11	34.40	31.39	26.04	48.16	54.00	-5.84	Average
3 q	5379.651	19.15	34.52	31.40	26.35	48.62	54.00	-5.38	Average

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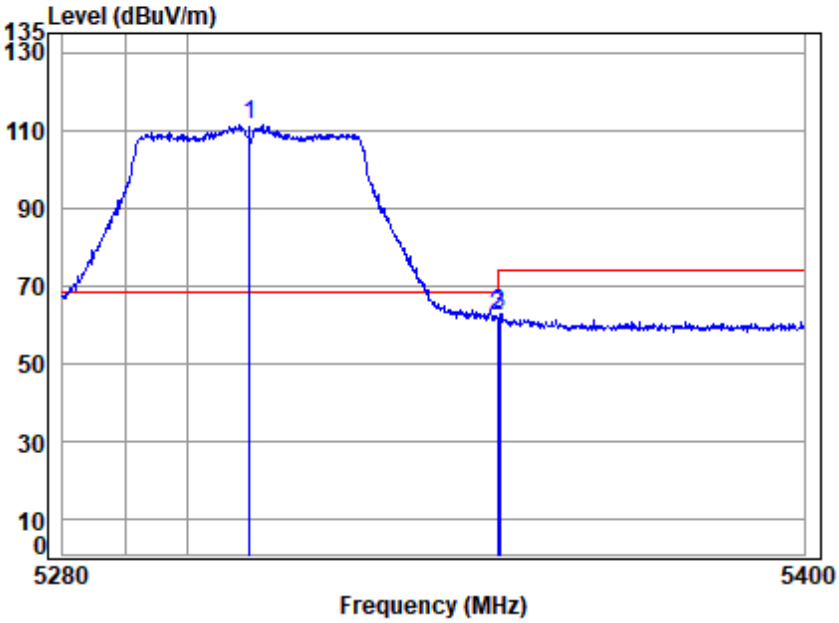
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5310.000	19.06	34.24	31.36	89.60	111.54	68.20	43.34	Peak
2	5350.020	19.11	34.40	31.39	39.88	62.00	74.00	-12.00	Peak
3	5350.474	19.11	34.40	31.39	40.37	62.49	74.00	-11.51	Peak

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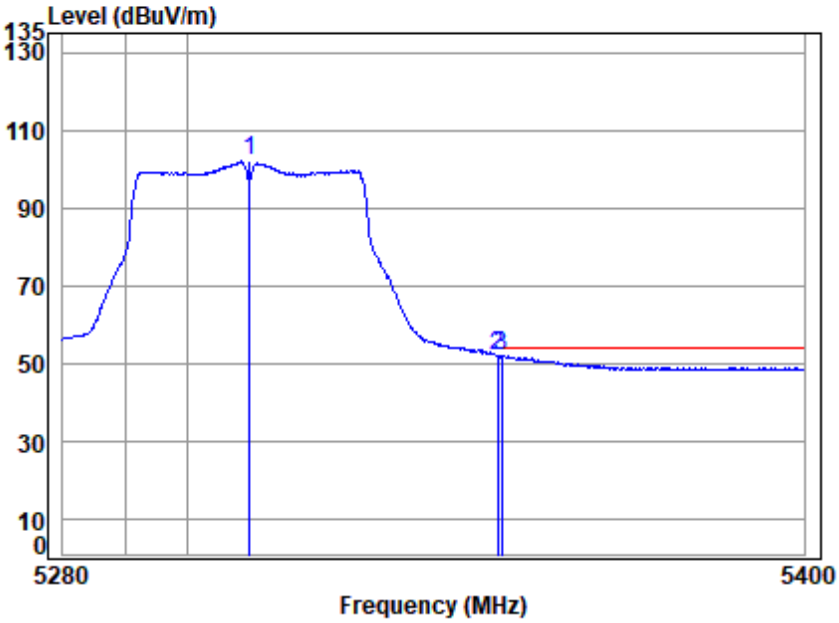
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	19.06	34.24	31.36	80.05	101.99	------	------	Average
2 q	5350.020	19.11	34.40	31.39	29.96	52.08	54.00	-1.92	Average
3	5350.714	19.11	34.40	31.39	29.57	51.69	54.00	-2.31	Average

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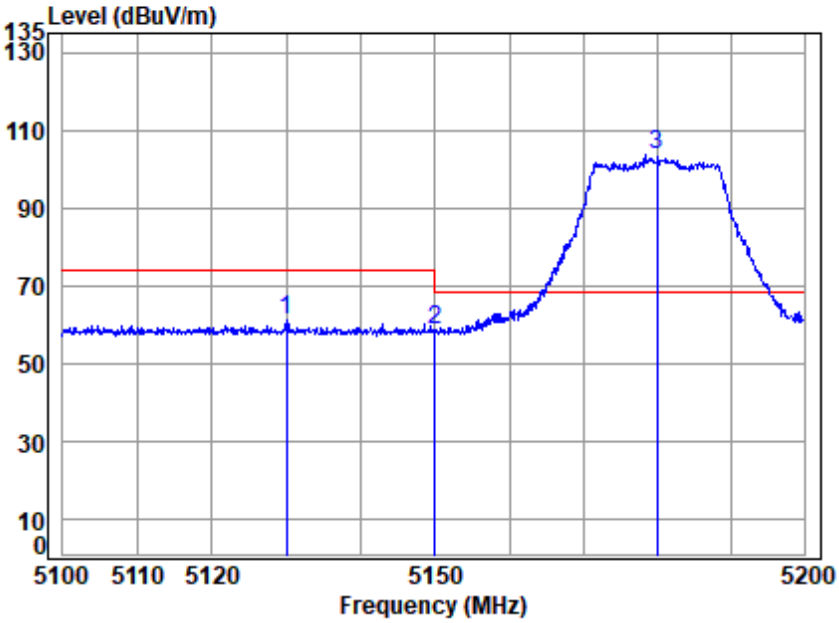
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5129.996	18.81	33.94	31.27	39.36	60.84	74.00	-13.16	peak
2	5149.980	18.83	33.90	31.28	37.15	58.60	74.00	-15.40	peak
3 p	5180.000	18.88	33.96	31.30	82.40	103.94	68.20	35.74	peak

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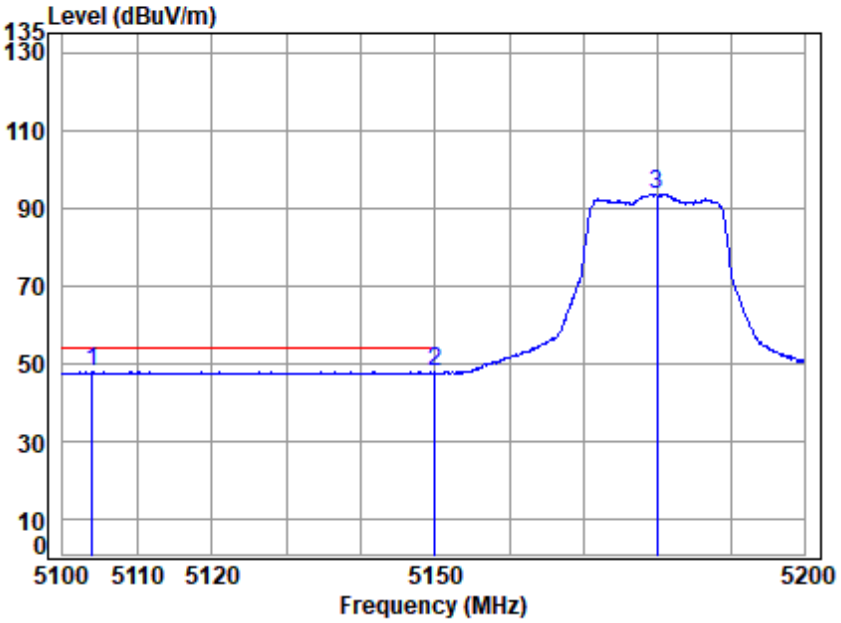
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5103.963	18.77	33.99	31.26	26.21	47.71	54.00	-6.29	Average
2	5149.980	18.83	33.90	31.28	26.17	47.62	54.00	-6.38	Average
3	5180.000	18.88	33.96	31.30	72.08	93.62	------	------	Average

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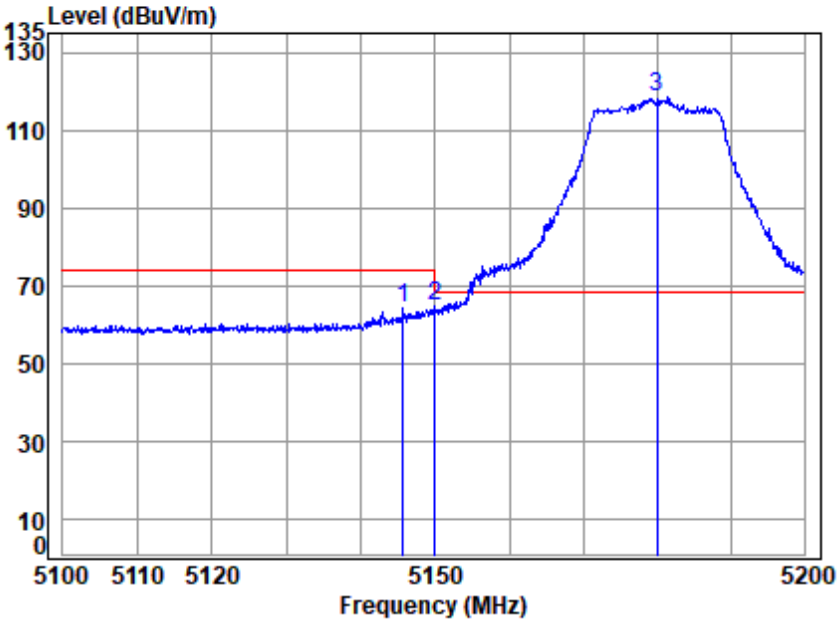
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.659	18.83	33.91	31.28	42.50	63.96	74.00	-10.04	Peak
2	5149.980	18.83	33.90	31.28	43.33	64.78	74.00	-9.22	Peak
3 p	5180.000	18.88	33.96	31.30	97.03	118.57	68.20	50.37	Peak

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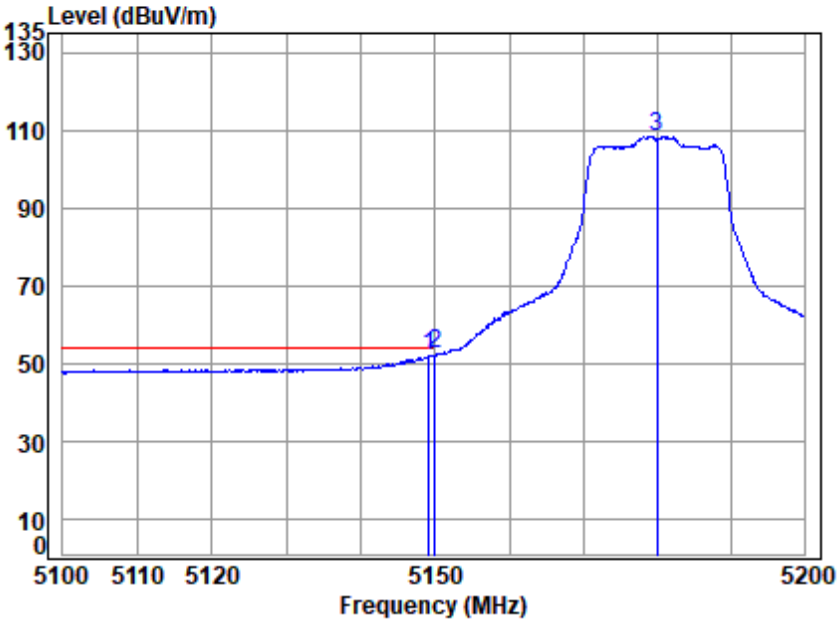
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5180 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.157	18.83	33.90	31.28	30.42	51.87	54.00	-2.13	Average
2 q	5149.980	18.83	33.90	31.28	30.81	52.26	54.00	-1.74	Average
3	5180.000	18.88	33.96	31.30	87.01	108.55	------	------	Average

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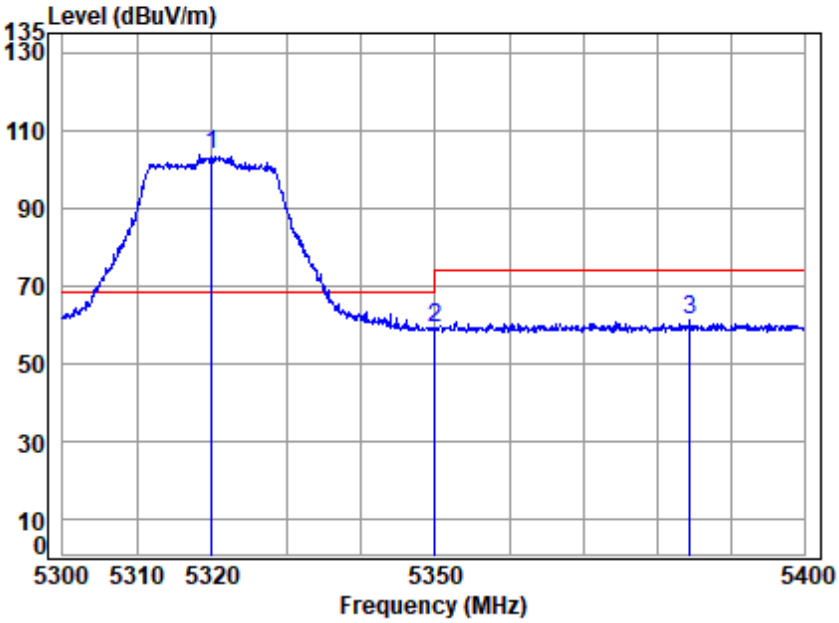
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5320.000	19.07	34.28	31.37	81.96	103.94	68.20	35.74	peak
2	5350.020	19.11	34.40	31.39	36.80	58.92	74.00	-15.08	peak
3	5384.478	19.16	34.54	31.40	39.00	61.30	74.00	-12.70	peak

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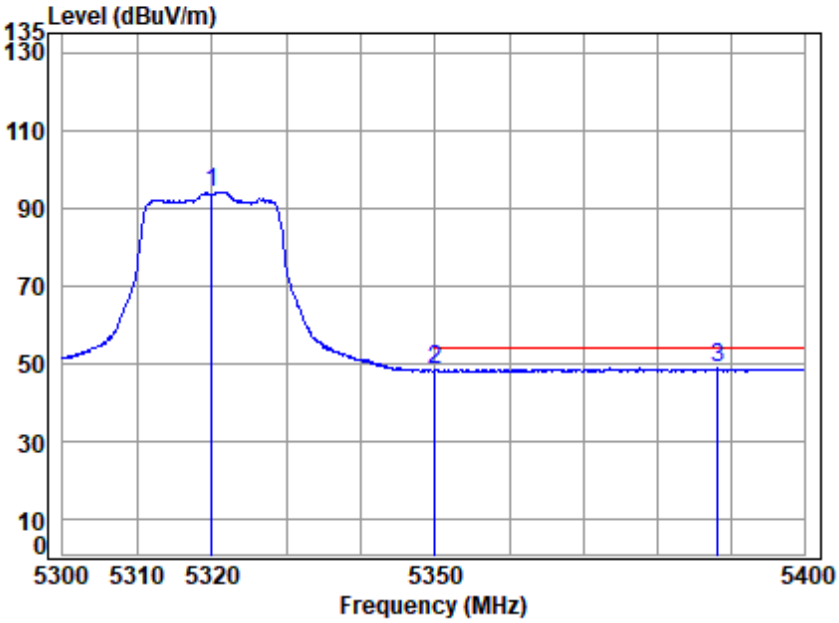
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	72.10	94.08	------	------	Average
2	5350.020	19.11	34.40	31.39	26.17	48.29	54.00	-5.71	Average
3 q	5388.203	19.16	34.55	31.41	26.26	48.56	54.00	-5.44	Average

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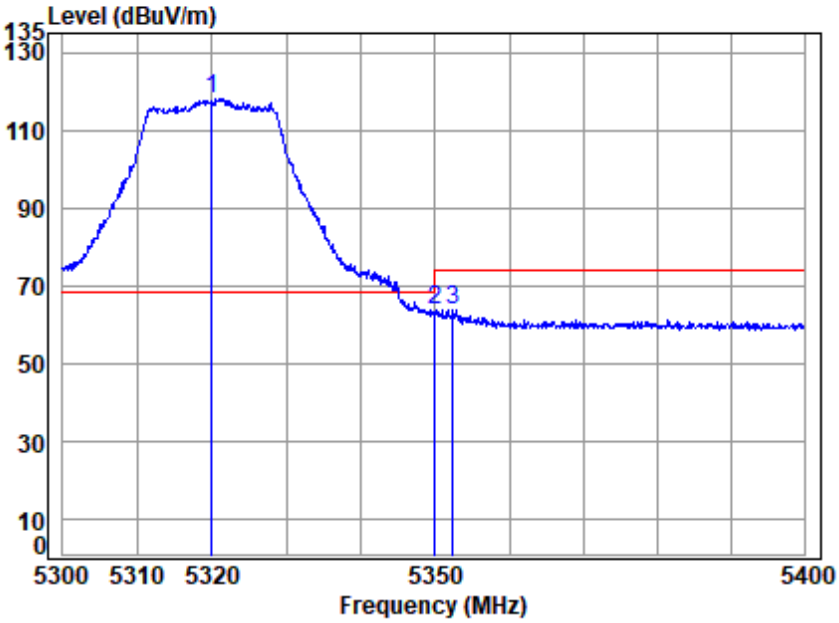
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11AX20

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	p	5320.000	19.07	34.28	31.37	96.14	118.12	68.20	49.92	Peak
2		5350.020	19.11	34.40	31.39	41.56	63.68	74.00	-10.32	Peak
3		5352.367	19.11	34.41	31.39	41.76	63.89	74.00	-10.11	Peak

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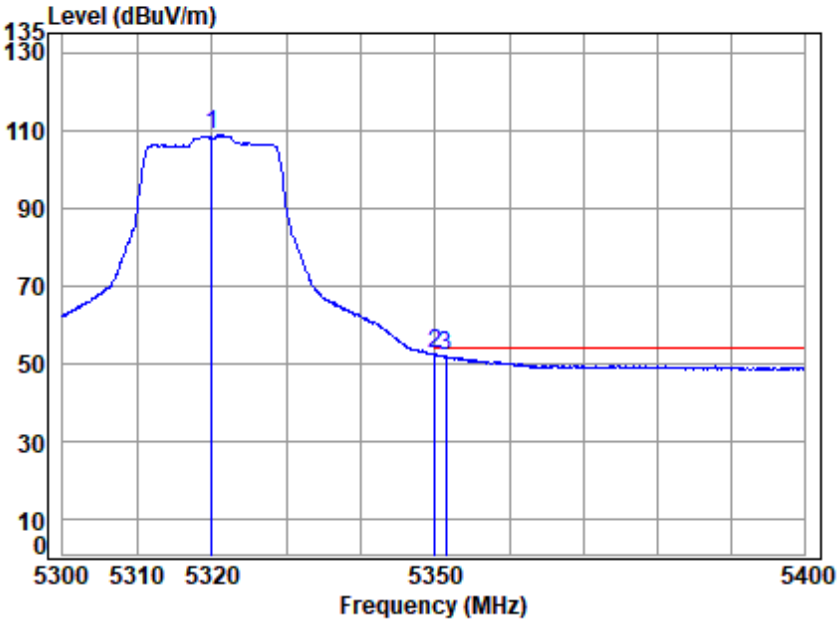

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5320 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	19.07	34.28	31.37	87.05	109.03	------	------	Average
2 q	5350.020	19.11	34.40	31.39	30.31	52.43	54.00	-1.57	Average
3	5351.467	19.11	34.41	31.39	29.72	51.85	54.00	-2.15	Average

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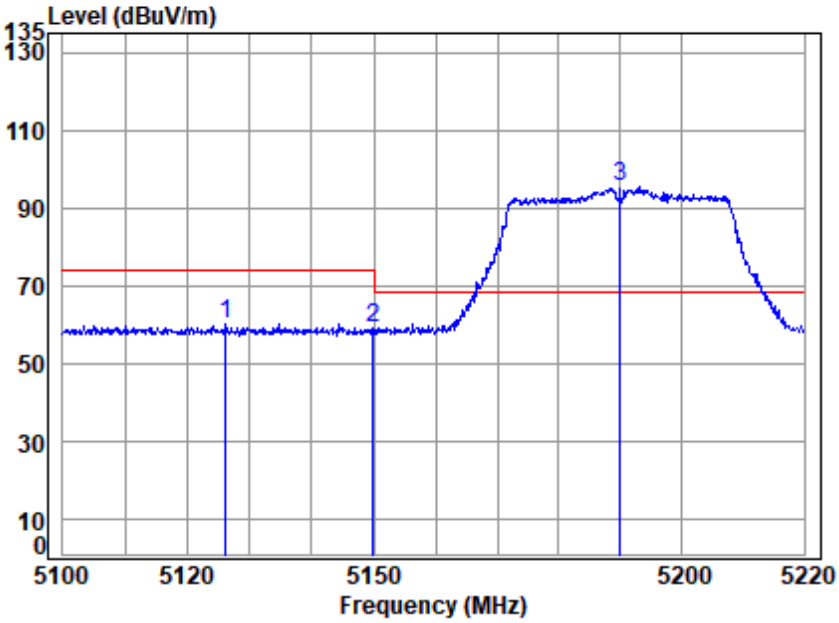
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5126.161	18.80	33.95	31.27	38.48	59.96	74.00	-14.04	peak
2	5149.980	18.83	33.90	31.28	37.45	58.90	74.00	-15.10	peak
3 p	5190.000	18.89	33.98	31.30	73.81	95.38	68.20	27.18	peak

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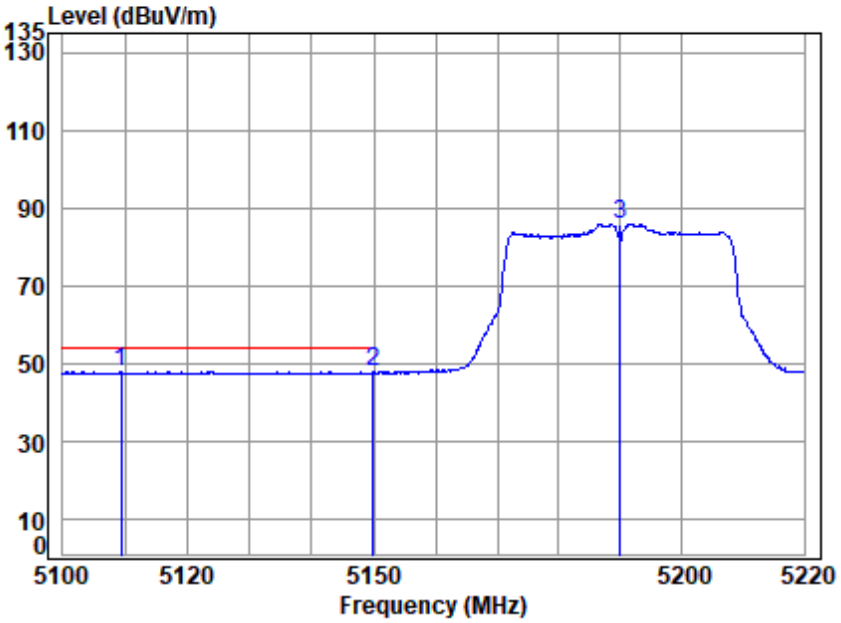

Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5109.379	18.78	33.98	31.26	26.17	47.67	54.00	-6.33	Average
2	5149.980	18.83	33.90	31.28	26.07	47.52	54.00	-6.48	Average
3	5190.000	18.89	33.98	31.30	64.36	85.93	------	------	Average

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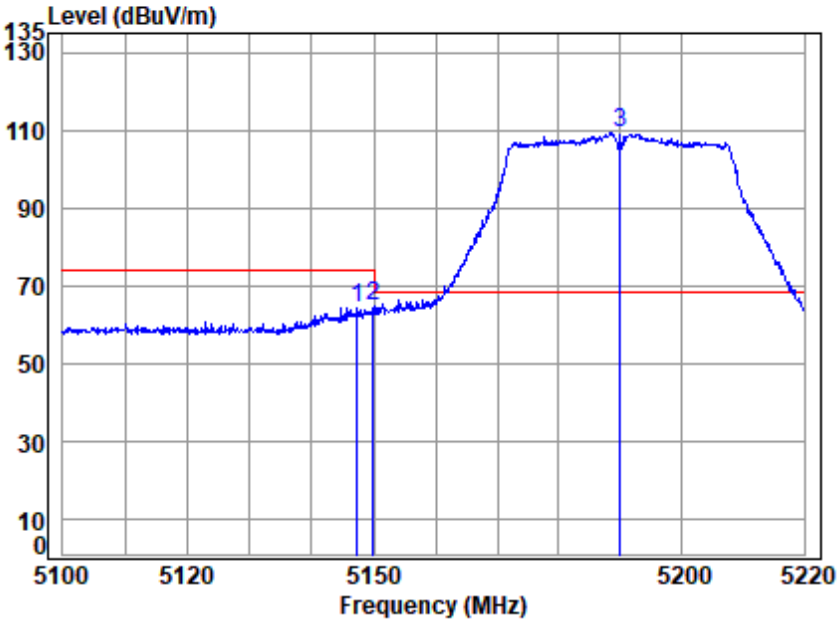
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.306	18.83	33.91	31.28	42.76	64.22	74.00	-9.78	Peak
2	5149.980	18.83	33.90	31.28	43.29	64.74	74.00	-9.26	Peak
3 p	5190.000	18.89	33.98	31.30	87.85	109.42	68.20	41.22	Peak

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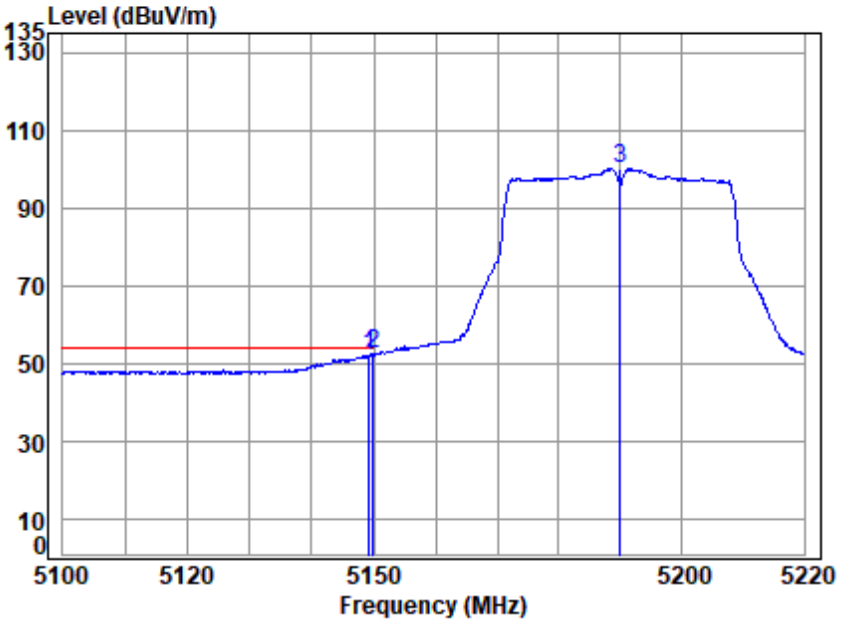

Site : chamber
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Job No : 00095AT/00096AT
Mode : 5190 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.222	18.83	33.90	31.28	30.56	52.01	54.00	-1.99	Average
2 q	5149.980	18.83	33.90	31.28	30.69	52.14	54.00	-1.86	Average
3	5190.000	18.89	33.98	31.30	78.40	99.97	------	------	Average

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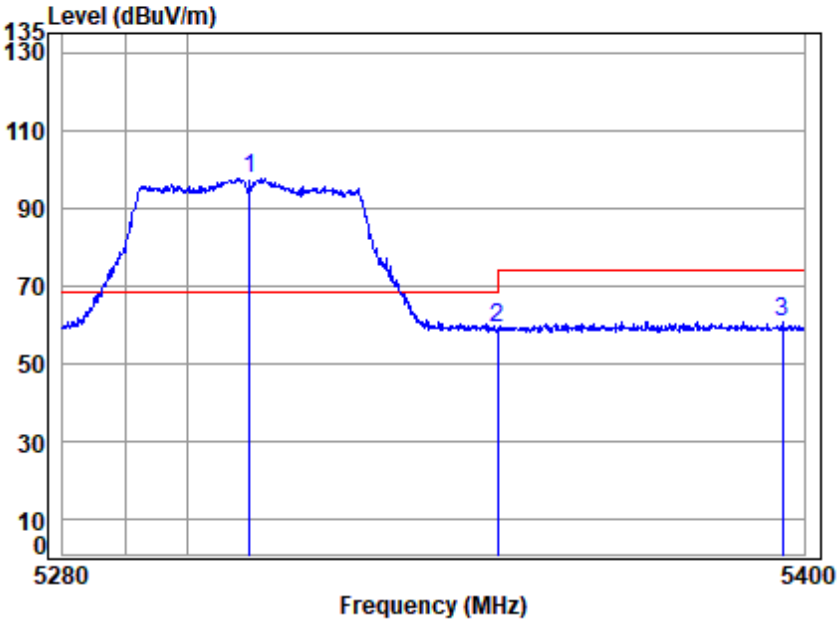

Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5310.000	19.06	34.24	31.36	75.84	97.78	68.20	29.58	peak
2	5350.020	19.11	34.40	31.39	36.74	58.86	74.00	-15.14	peak
3	5396.482	19.17	34.59	31.41	38.42	60.77	74.00	-13.23	peak

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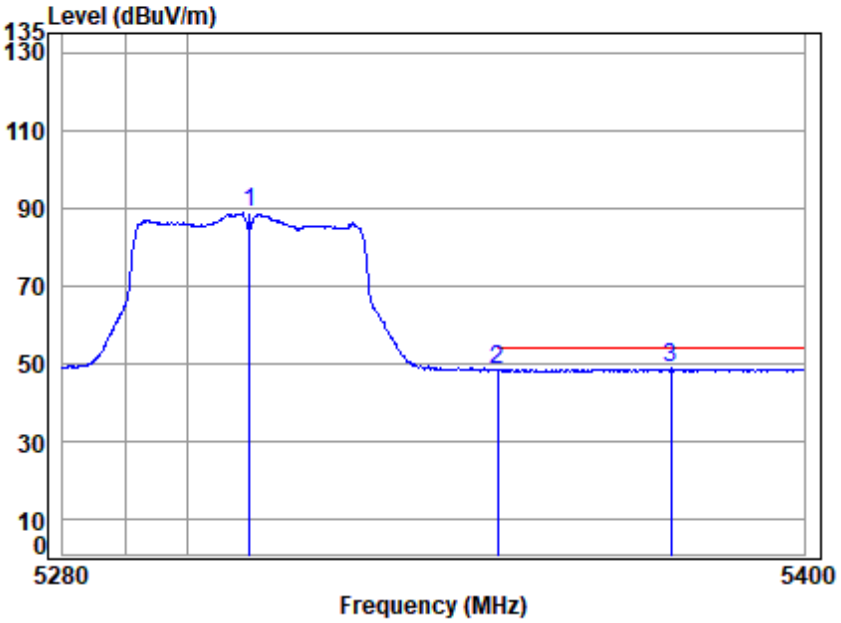

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Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	19.06	34.24	31.36	66.61	88.55	------	------	Average
2	5350.020	19.11	34.40	31.39	26.10	48.22	54.00	-5.78	Average
3 q	5378.201	19.15	34.51	31.40	26.44	48.70	54.00	-5.30	Average

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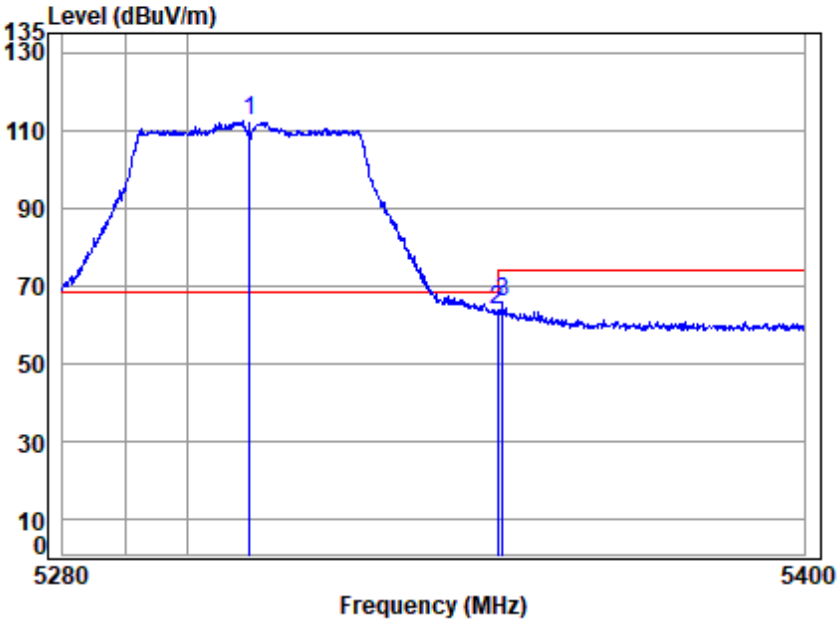

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5310.000	19.06	34.24	31.36	90.31	112.25	68.20	44.05	Peak
2	5350.020	19.11	34.40	31.39	41.64	63.76	74.00	-10.24	Peak
3	5350.834	19.11	34.40	31.39	43.35	65.47	74.00	-8.53	Peak

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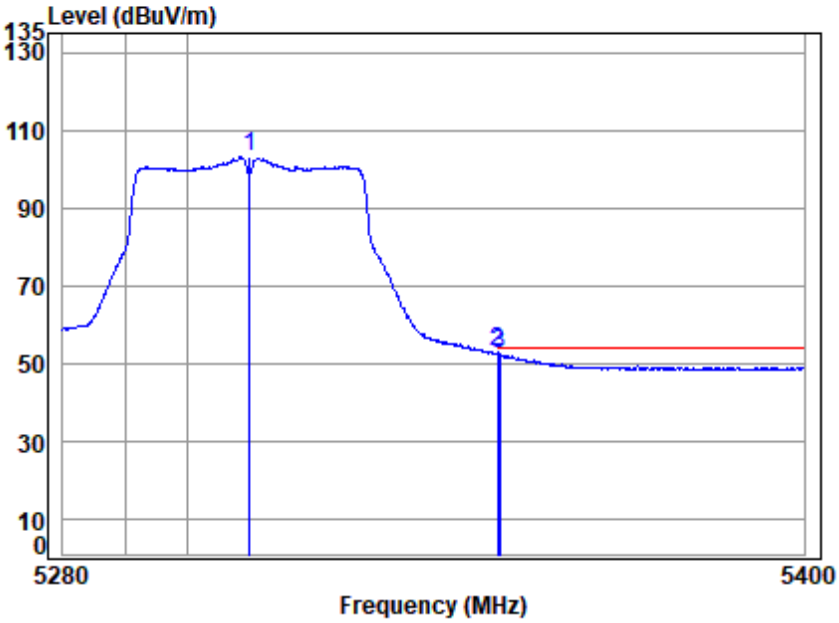
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5310 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	19.06	34.24	31.36	81.06	103.00	------	------	Average
2 q	5350.020	19.11	34.40	31.39	30.58	52.70	54.00	-1.30	Average
3	5350.474	19.11	34.40	31.39	30.11	52.23	54.00	-1.77	Average

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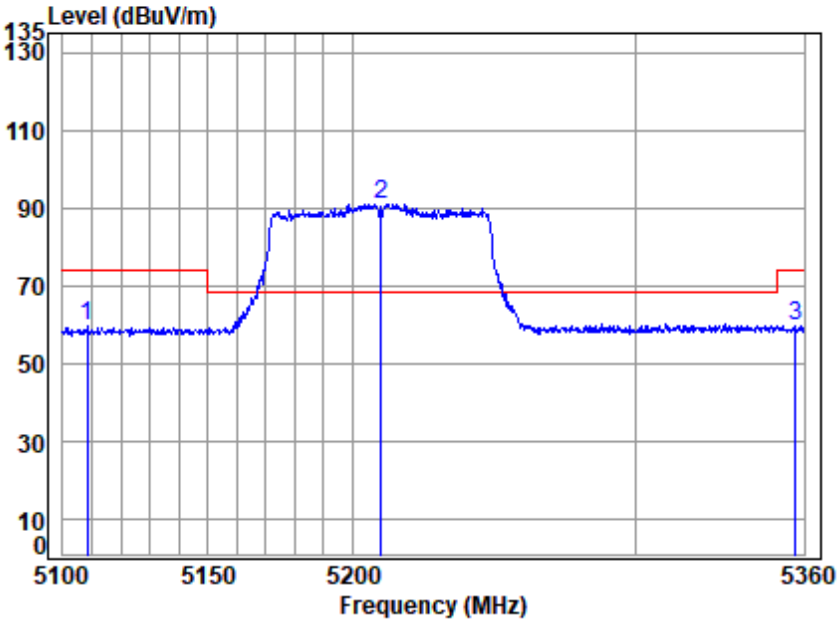
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5210 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5108.375	18.78	33.98	31.26	37.91	59.41	74.00	-14.59	peak
2 p	5210.000	18.92	34.02	31.31	69.34	90.97	68.20	22.77	peak
3	5356.803	19.12	34.43	31.39	37.33	59.49	74.00	-14.51	peak

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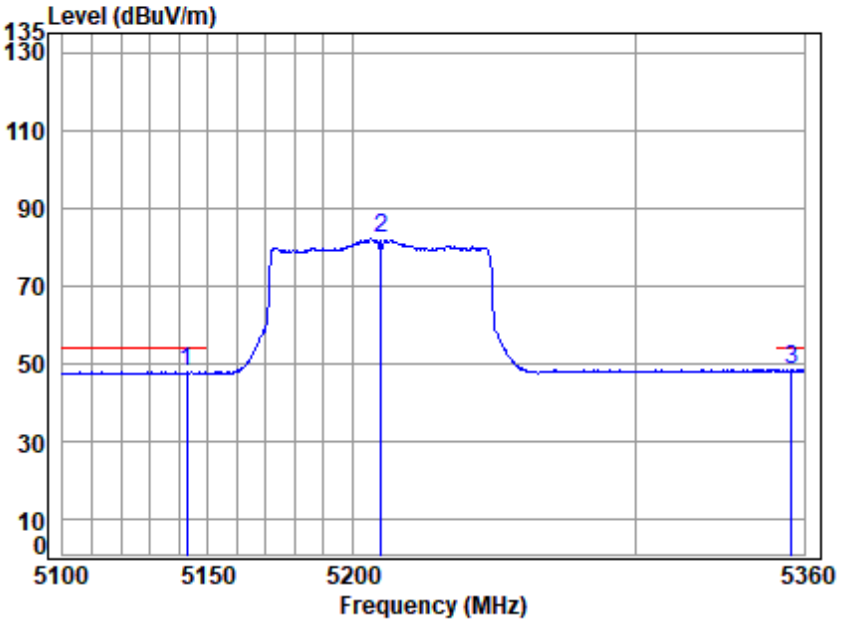
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5210 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5142.781	18.82	33.91	31.28	26.23	47.68	54.00	-6.32	Average
2	5210.000	18.92	34.02	31.31	60.33	81.96	------	------	Average
3 q	5355.471	19.12	34.42	31.39	26.07	48.22	54.00	-5.78	Average

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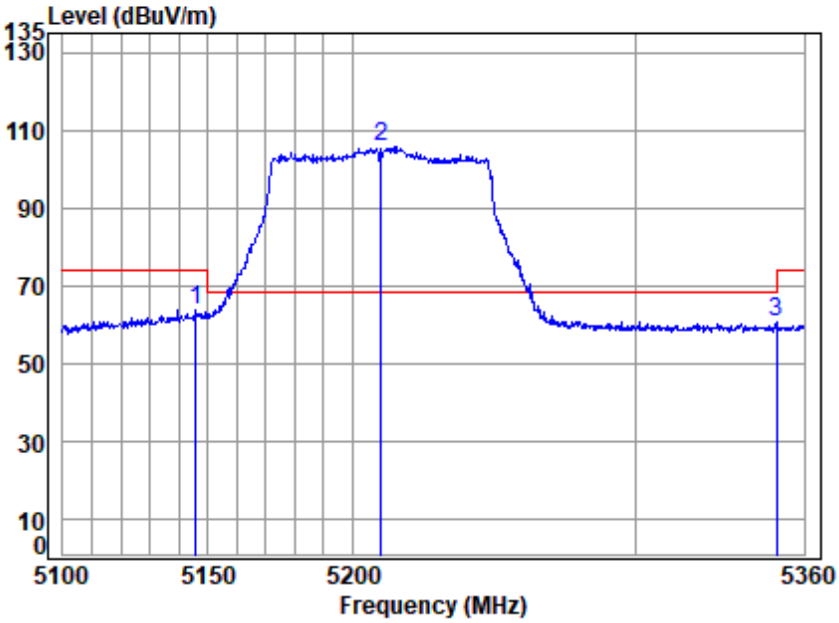
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5210 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.595	18.83	33.91	31.28	42.14	63.60	74.00	-10.40	Peak
2 p	5210.000	18.92	34.02	31.31	83.90	105.53	68.20	37.33	Peak
3	5350.148	19.11	34.40	31.39	38.41	60.53	74.00	-13.47	Peak

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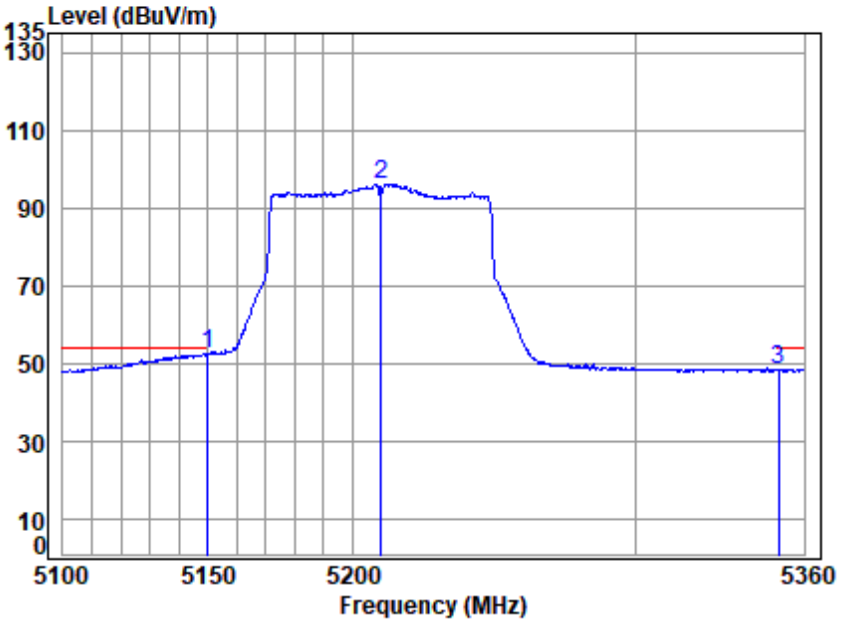
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5210 Band edge
: 5G WIFI 11AX80

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	q	5149.947	18.83	33.90	31.28	30.76	52.21	54.00	-1.79	Average
2		5210.000	18.92	34.02	31.31	74.45	96.08	------	------	Average
3		5350.680	19.11	34.40	31.39	26.36	48.48	54.00	-5.52	Average

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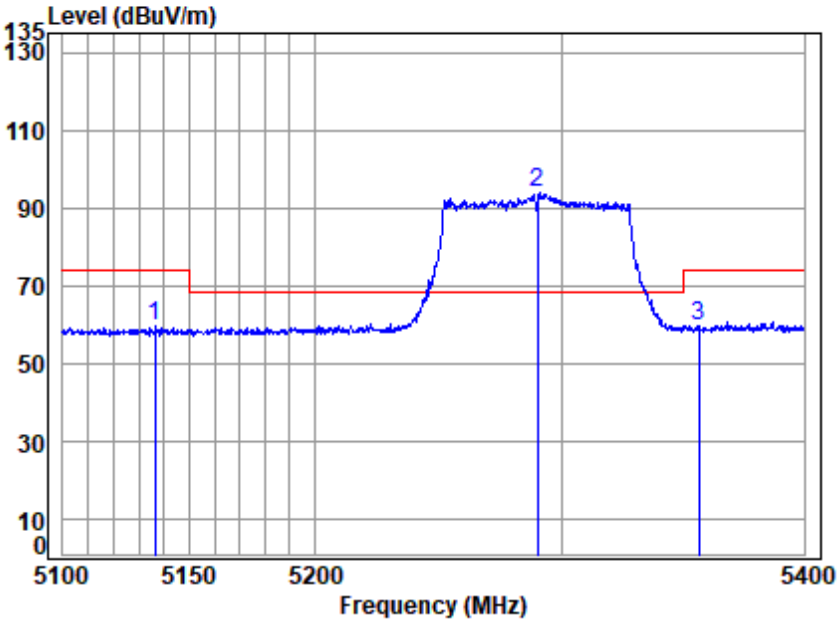
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		5136.569	18.82	33.93	31.27	37.91	59.39	74.00	-14.61	peak
2	p	5290.000	19.03	34.18	31.35	71.83	93.69	68.20	25.49	peak
3		5356.348	19.12	34.43	31.39	37.47	59.63	74.00	-14.37	peak

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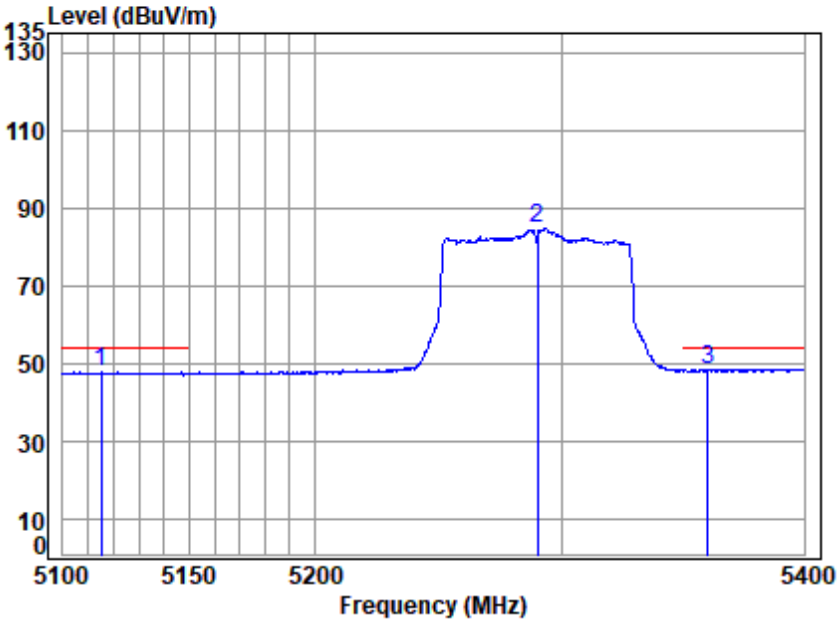
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5115.181	18.78	33.97	31.26	26.16	47.65	54.00	-6.35	Average
2	5290.000	19.03	34.18	31.35	63.04	84.90	------	------	Average
3 q	5360.023	19.12	34.44	31.39	26.17	48.34	54.00	-5.66	Average

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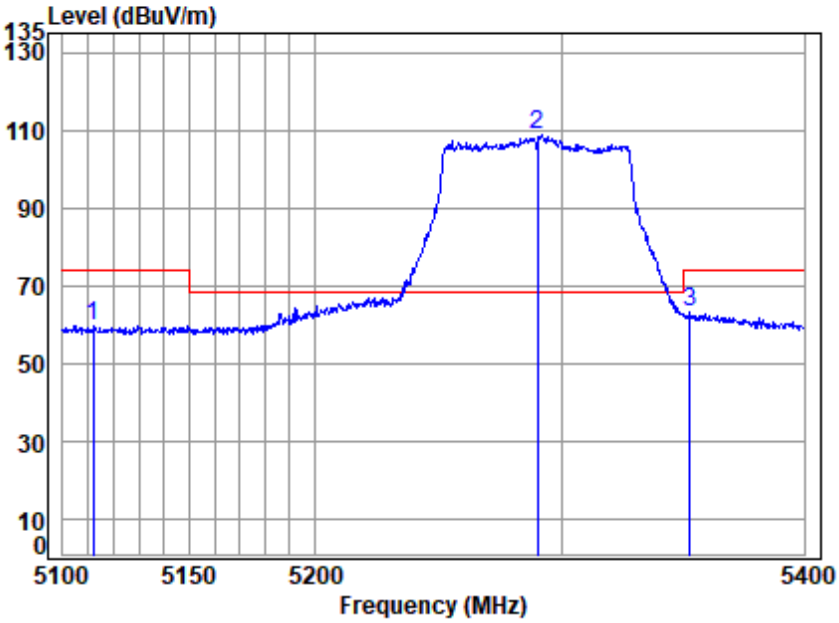

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5111.966	18.78	33.98	31.26	38.22	59.72	74.00	-14.28	Peak
2 p	5290.000	19.03	34.18	31.35	86.97	108.83	68.20	40.63	Peak
3	5352.676	19.11	34.41	31.39	40.77	62.90	74.00	-11.10	Peak

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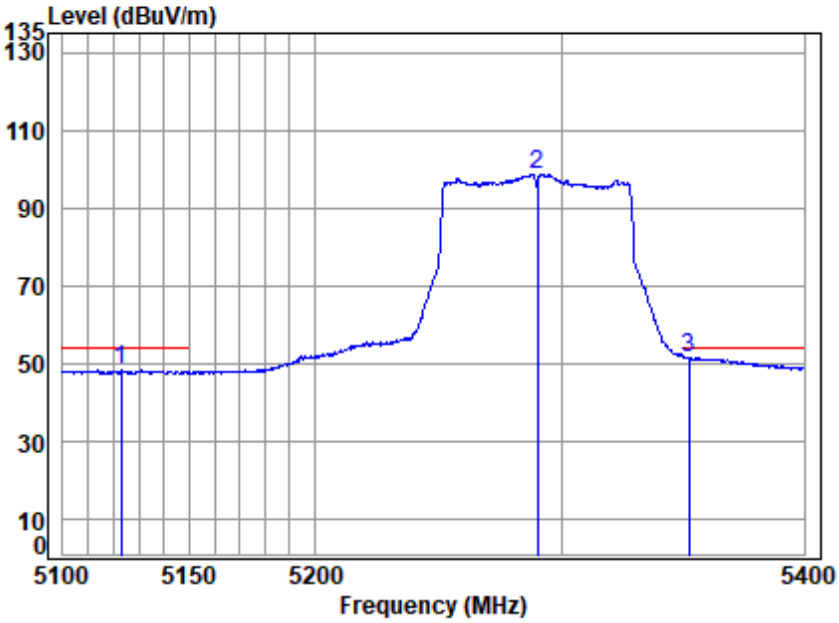
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5290 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5123.081	18.80	33.95	31.27	26.60	48.08	54.00	-5.92	Average
2	5290.000	19.03	34.18	31.35	76.93	98.79	------	------	Average
3 q	5352.370	19.11	34.41	31.39	29.33	51.46	54.00	-2.54	Average

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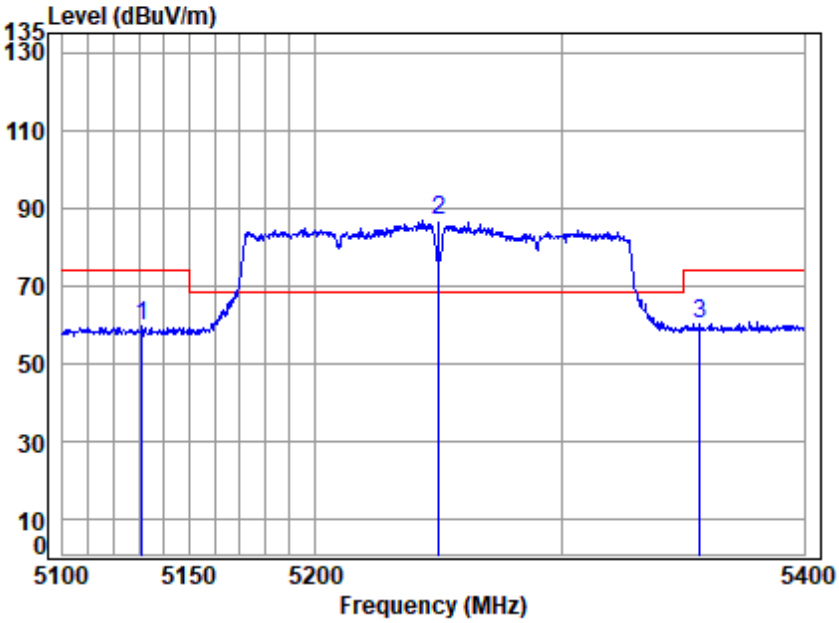
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1		5131.287	18.81	33.94	31.27	37.85	59.33	74.00	-14.67	peak
2	p	5250.000	18.97	34.10	31.33	64.90	86.64	68.20	18.44	peak
3		5356.960	19.12	34.43	31.39	37.83	59.99	74.00	-14.01	peak

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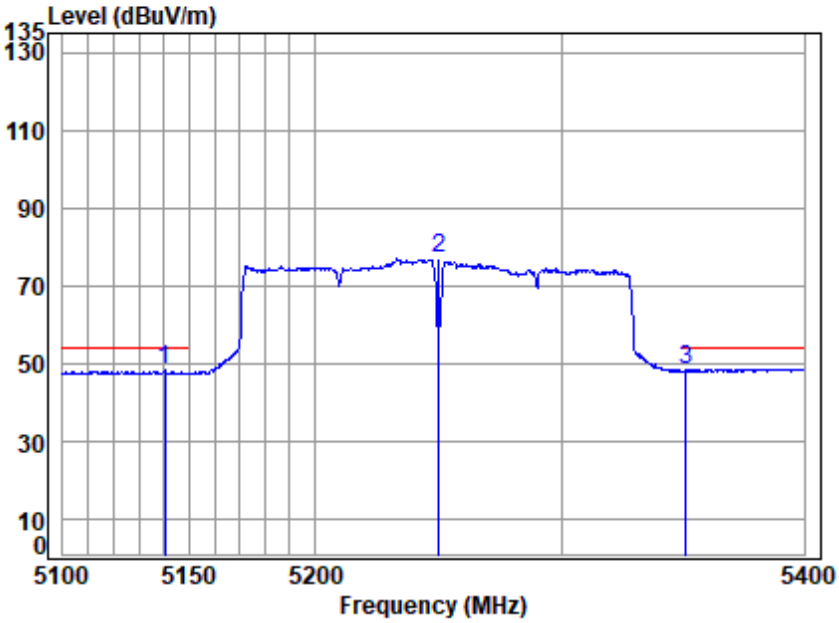

Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.387	18.82	33.92	31.28	26.54	48.00	54.00	-6.00	Average
2	5250.000	18.97	34.10	31.33	55.05	76.79	------	------	Average
3 q	5350.840	19.11	34.40	31.39	26.32	48.44	54.00	-5.56	Average

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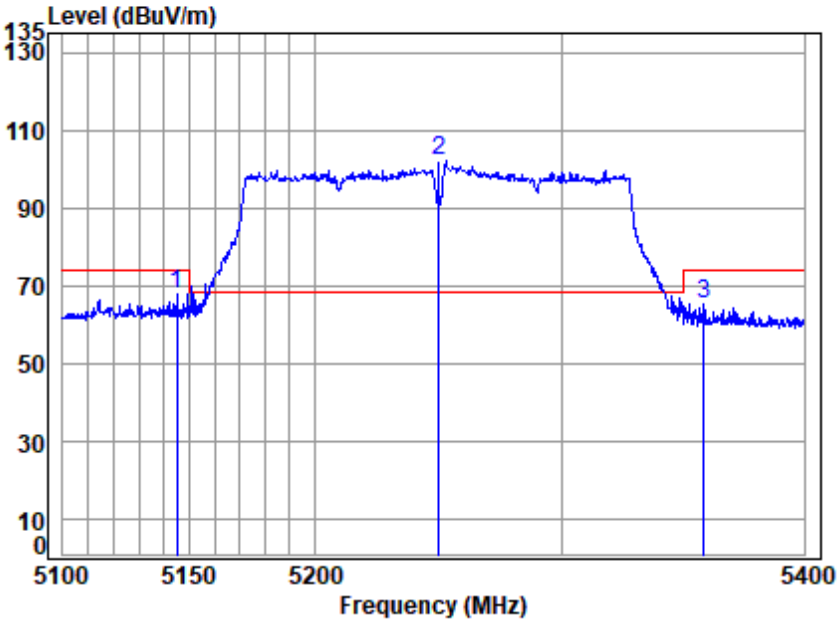
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.090	18.83	33.91	31.28	46.24	67.70	74.00	-6.30	Peak
2 p	5250.000	18.97	34.10	31.33	80.30	102.04	68.20	33.84	Peak
3	5358.492	19.12	34.43	31.39	43.26	65.42	74.00	-8.58	Peak

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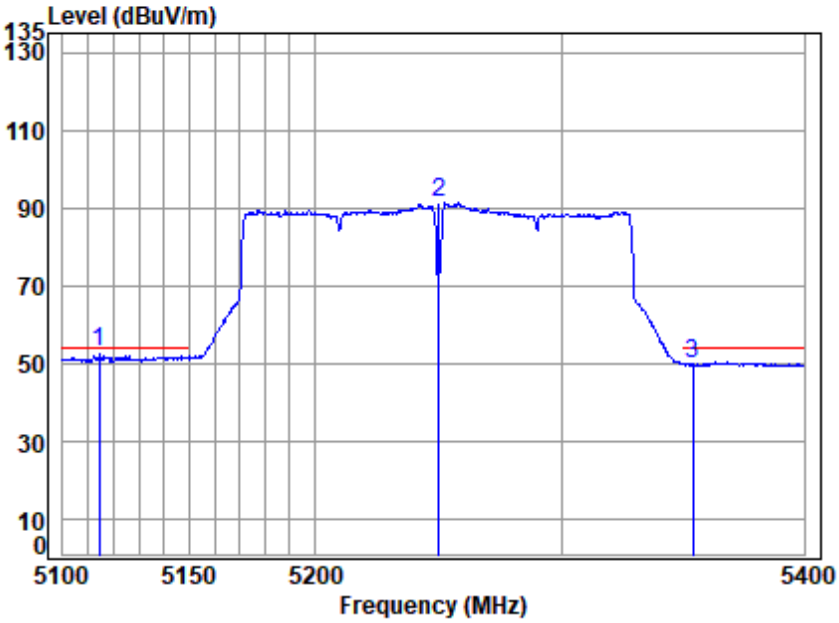

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5250 Band edge
: 5G WIFI 11AX160

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	q	5114.304	18.78	33.97	31.26	31.47	52.96	54.00	-1.04	Average
2		5250.000	18.97	34.10	31.33	69.52	91.26	------	------	Average
3		5353.899	19.12	34.42	31.39	27.61	49.76	54.00	-4.24	Average

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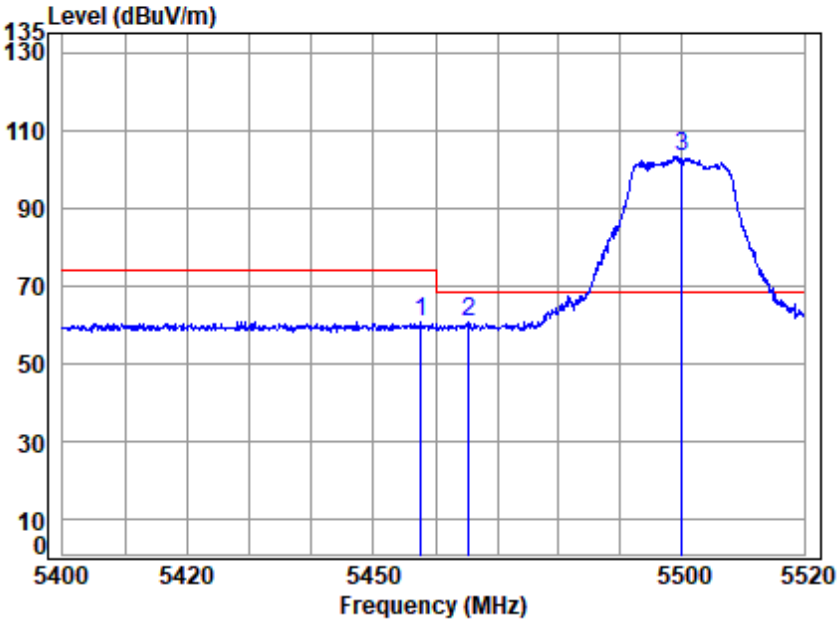
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.631	19.25	34.67	31.44	38.16	60.64	74.00	-13.36	peak
2	5465.433	19.26	34.64	31.44	37.92	60.38	68.20	-7.82	peak
3 p	5500.000	19.31	34.50	31.46	80.79	103.14	68.20	34.94	peak

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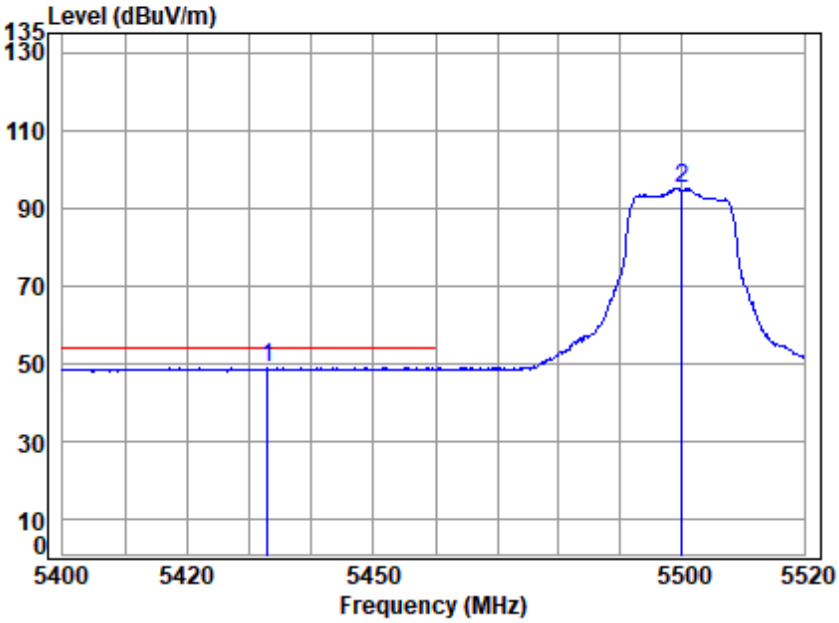
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

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Site      : chamber
Condition: 3m HORIZONTAL
Job No    : 00095AT/00096AT
Mode      : 5500 Band edge
          : 5G WIFI 11A
```

		Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	q	5432.857	19.22	34.67	31.43	26.32	48.78	54.00	-5.22	Average
2		5500.000	19.31	34.50	31.46	72.84	95.19	------	------	Average

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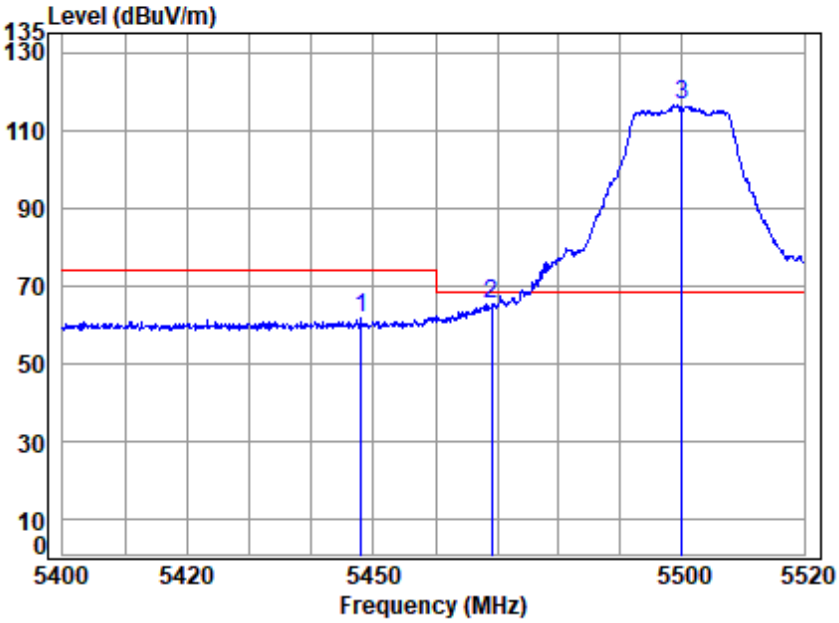
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5448.043	19.24	34.70	31.44	39.07	61.57	74.00	-12.43	Peak
2	5469.158	19.27	34.62	31.45	43.01	65.45	68.20	-2.75	peak
3 p	5500.000	19.31	34.50	31.46	94.12	116.47	68.20	48.27	Peak

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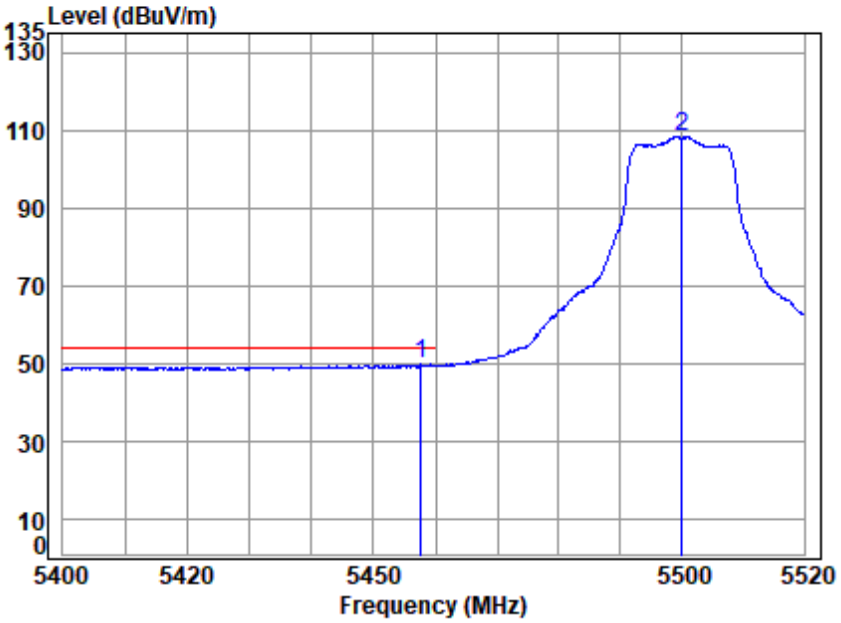
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5457.631	19.25	34.67	31.44	27.11	49.59	54.00	-4.41	Average
2	5500.000	19.31	34.50	31.46	86.09	108.44	------	------	Average

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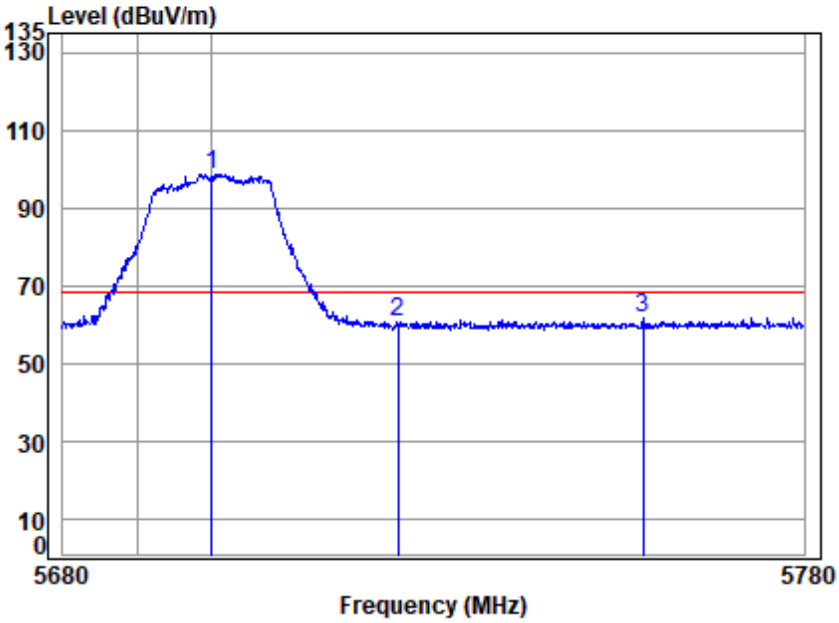
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	76.52	98.70	68.20	30.50	peak
2	5725.000	19.46	34.25	31.57	38.41	60.55	68.20	-7.65	peak
3	5758.151	19.48	34.22	31.59	39.25	61.36	68.20	-6.84	peak

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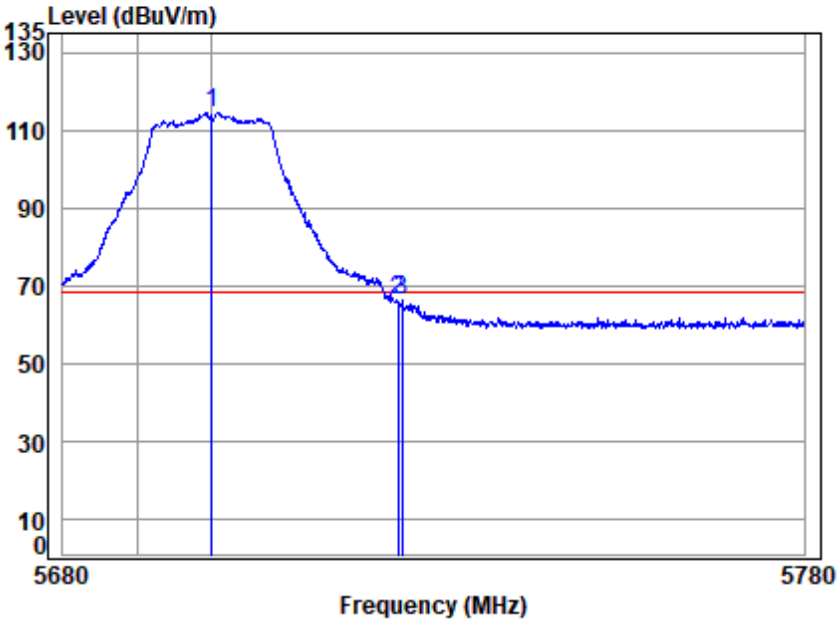

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	92.26	114.44	68.20	46.24	Peak
2	5725.000	19.46	34.25	31.57	44.32	66.46	68.20	-1.74	Peak
3	5725.583	19.46	34.25	31.57	43.83	65.97	68.20	-2.23	Peak

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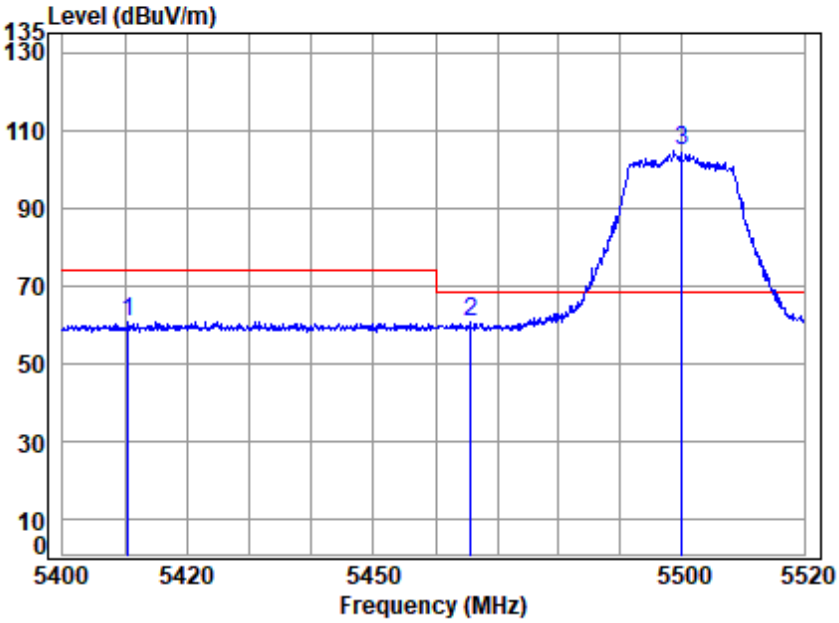
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5410.455	19.19	34.62	31.42	38.19	60.58	74.00	-13.42	peak
2	5465.673	19.26	34.64	31.44	38.07	60.53	68.20	-7.67	peak
3 p	5500.000	19.31	34.50	31.46	82.18	104.53	68.20	36.33	peak

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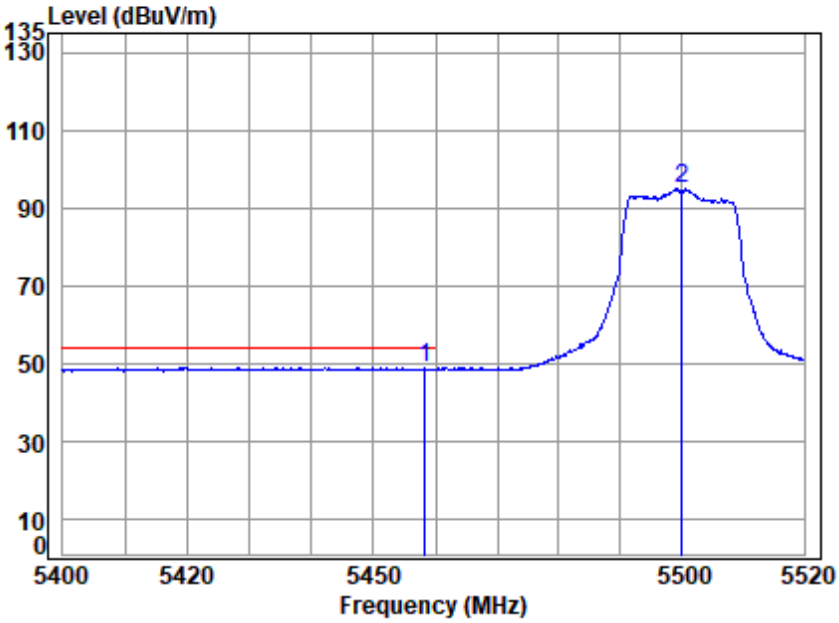
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5458.351	19.25	34.67	31.44	26.25	48.73	54.00	-5.27	Average
2	5500.000	19.31	34.50	31.46	72.54	94.89	------	------	Average

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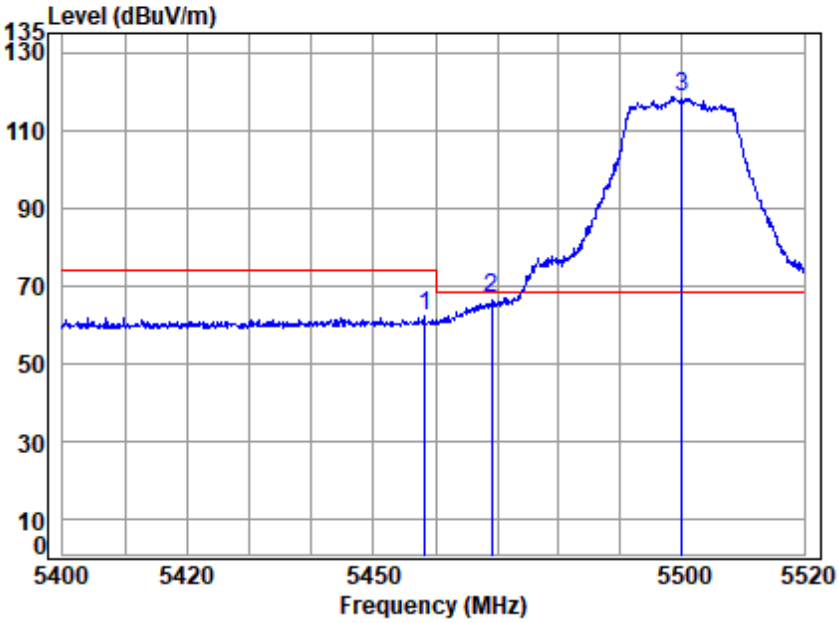
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.230	19.25	34.67	31.44	39.45	61.93	74.00	-12.07	Peak
2	5469.158	19.27	34.62	31.45	44.10	66.54	68.20	-1.66	peak
3 p	5500.000	19.31	34.50	31.46	96.08	118.43	68.20	50.23	Peak

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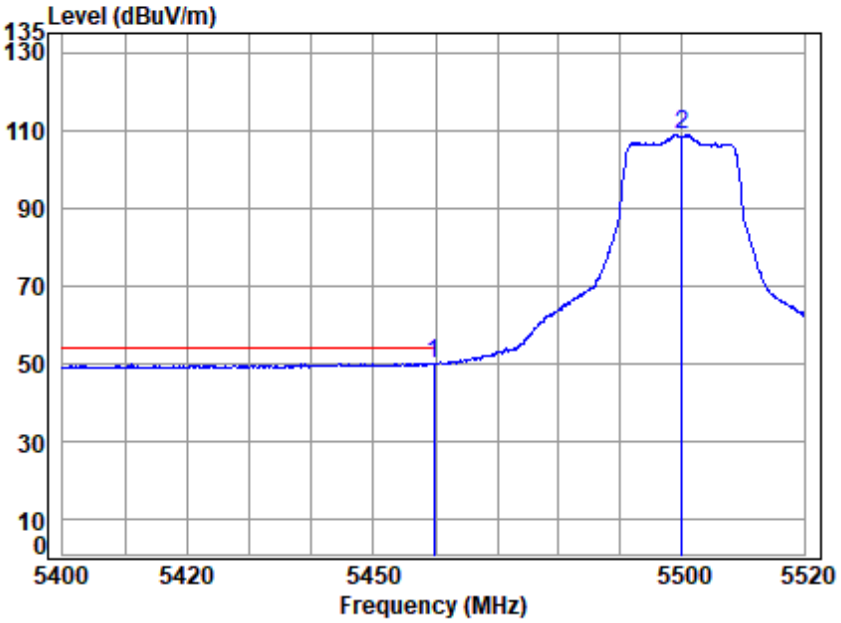
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5459.791	19.26	34.66	31.44	27.38	49.86	54.00	-4.14	Average
2	5500.000	19.31	34.50	31.46	86.48	108.83	------	------	Average

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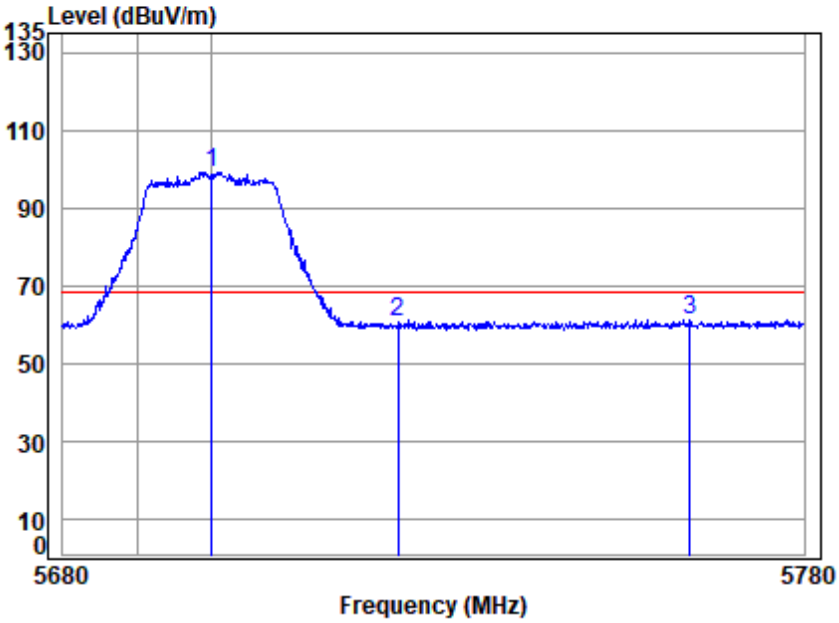
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	77.08	99.26	68.20	31.06	peak
2	5725.000	19.46	34.25	31.57	38.25	60.39	68.20	-7.81	peak
3	5764.486	19.48	34.23	31.59	39.15	61.27	68.20	-6.93	peak

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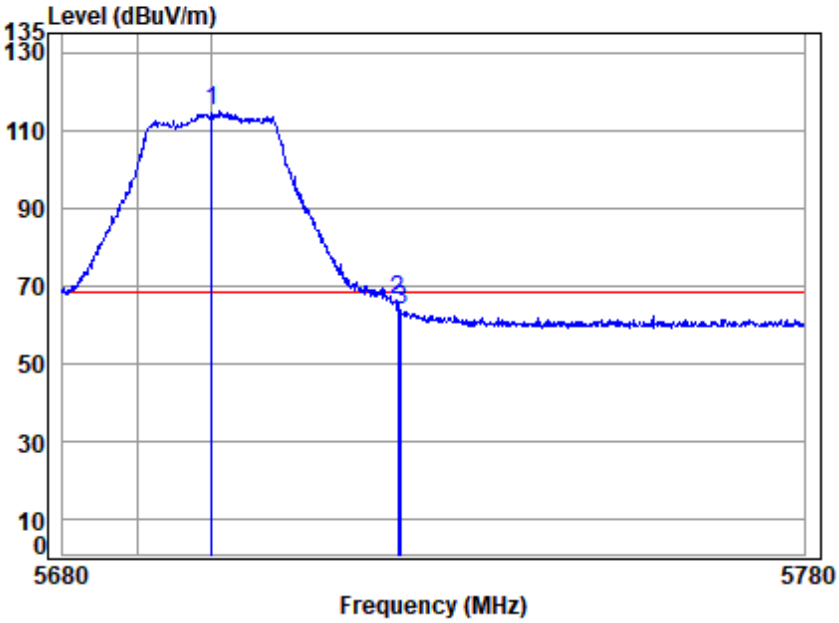
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	92.61	114.79	68.20	46.59	Peak
2	5725.000	19.46	34.25	31.57	44.26	66.40	68.20	-1.80	Peak
3	5725.483	19.46	34.25	31.57	41.49	63.63	68.20	-4.57	Peak

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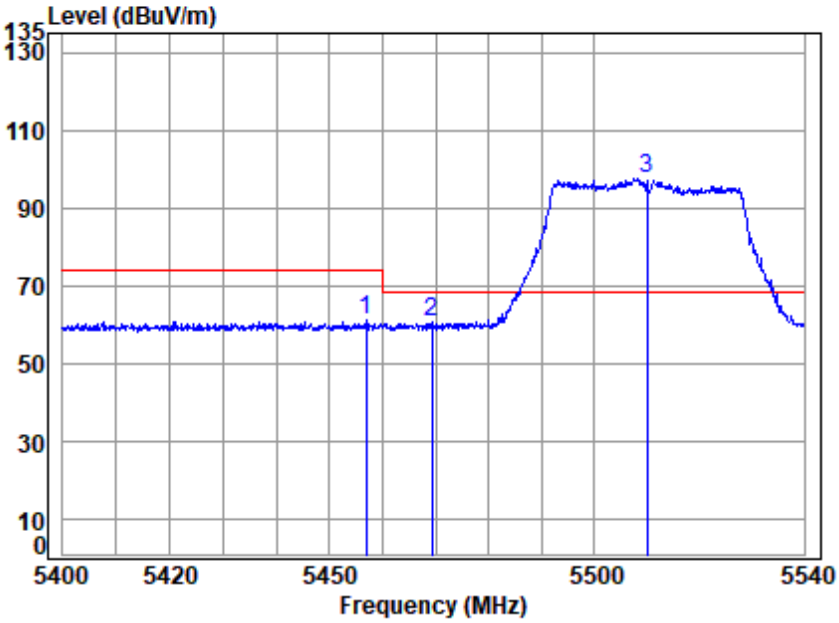
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.827	19.25	34.67	31.44	38.84	61.32	74.00	-12.68	peak
2	5469.272	19.27	34.62	31.45	37.90	60.34	68.20	-7.86	peak
3 p	5510.000	19.32	34.54	31.47	75.25	97.64	68.20	29.44	peak

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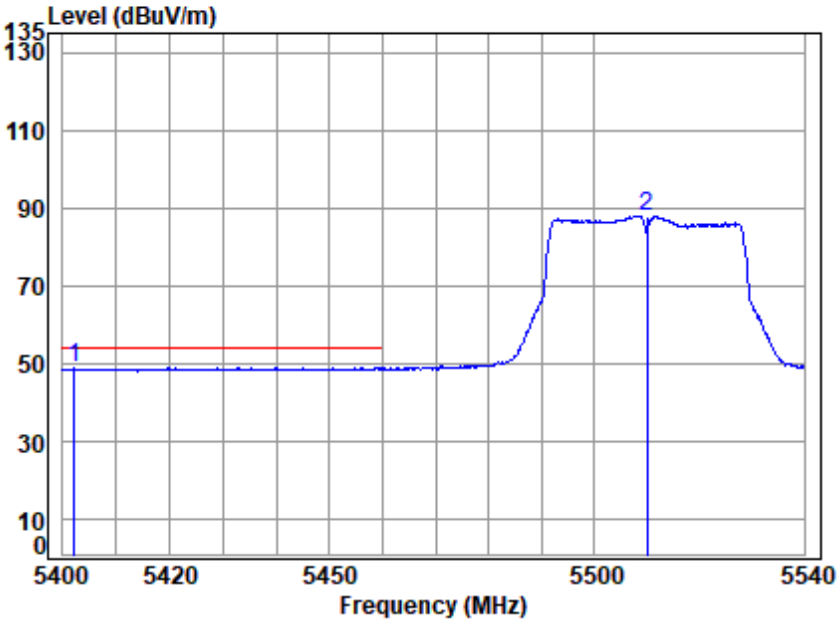
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5402.212	19.18	34.60	31.41	26.36	48.73	54.00	-5.27	Average
2	5510.000	19.32	34.54	31.47	65.61	88.00	------	------	Average

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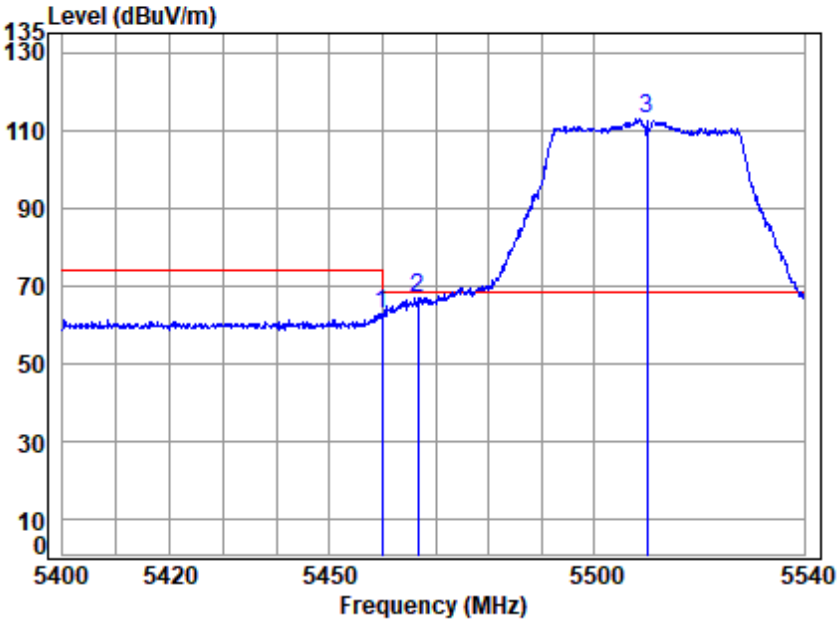
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.901	19.26	34.66	31.44	40.23	62.71	74.00	-11.29	Peak
2	5466.613	19.27	34.63	31.44	44.32	66.78	68.20	-1.42	peak
3 p	5510.000	19.32	34.54	31.47	90.48	112.87	68.20	44.67	Peak

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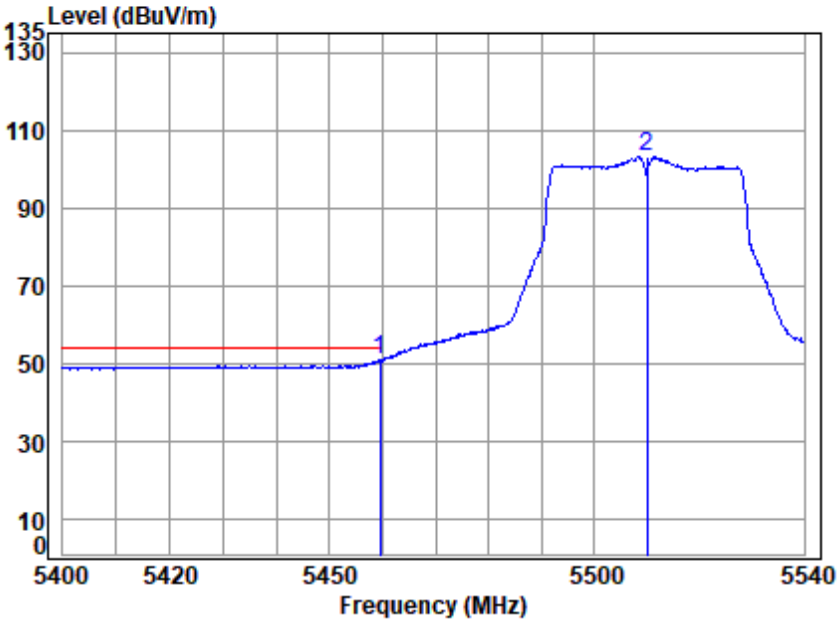
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5459.481	19.26	34.66	31.44	28.26	50.74	54.00	-3.26	Average
2	5510.000	19.32	34.54	31.47	80.82	103.21	------	------	Average

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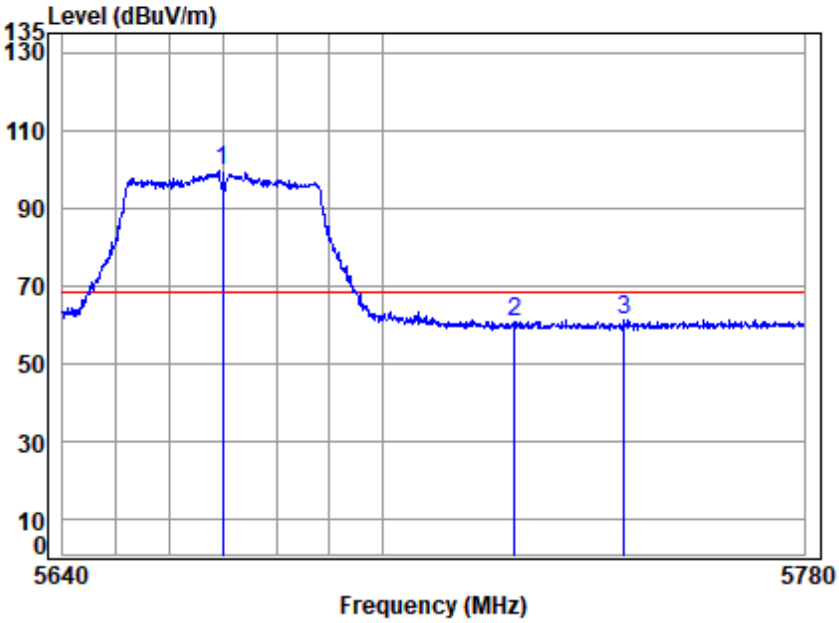
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5670 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5670.000	19.42	34.36	31.54	77.21	99.45	68.20	31.25	peak
2	5725.000	19.46	34.25	31.57	38.29	60.43	68.20	-7.77	peak
3	5745.664	19.47	34.21	31.58	38.87	60.97	68.20	-7.23	peak

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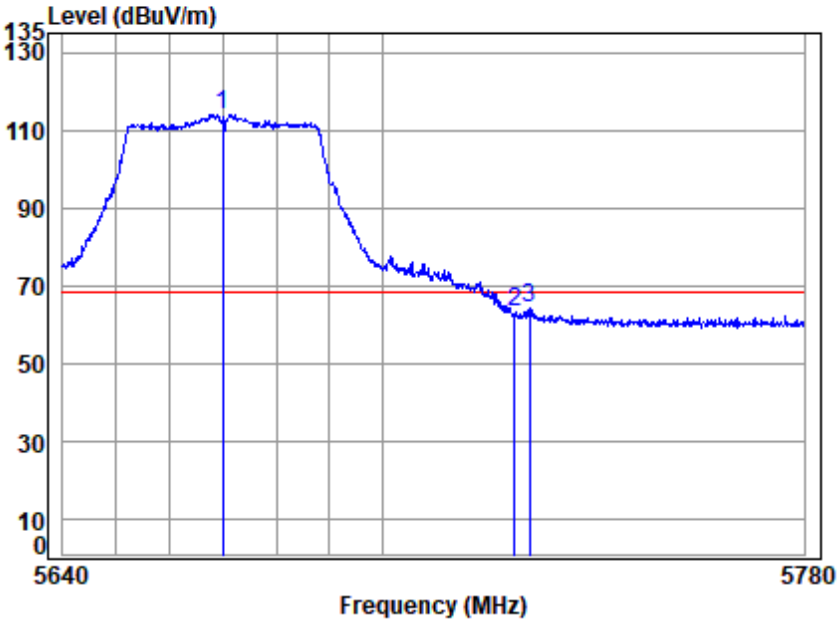
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5670 Band edge
: 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5670.000	19.42	34.36	31.54	91.72	113.96	68.20	45.76	Peak
2	5725.000	19.46	34.25	31.57	40.84	62.98	68.20	-5.22	Peak
3	5727.659	19.46	34.24	31.57	41.84	63.97	68.20	-4.23	Peak

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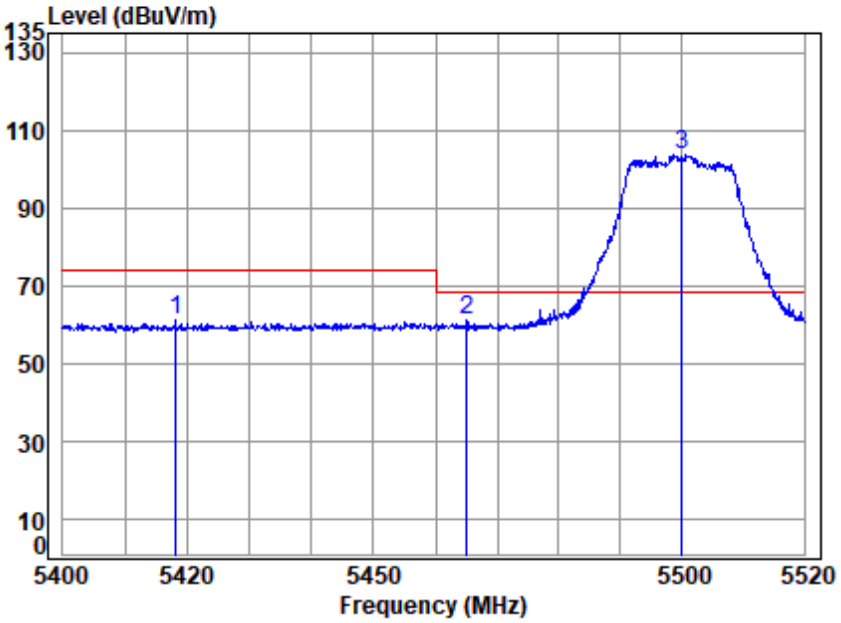
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5418.070	19.20	34.64	31.42	38.46	60.88	74.00	-13.12	peak
2	5465.073	19.26	34.64	31.44	38.48	60.94	68.20	-7.26	peak
3 p	5500.000	19.31	34.50	31.46	81.57	103.92	68.20	35.72	peak

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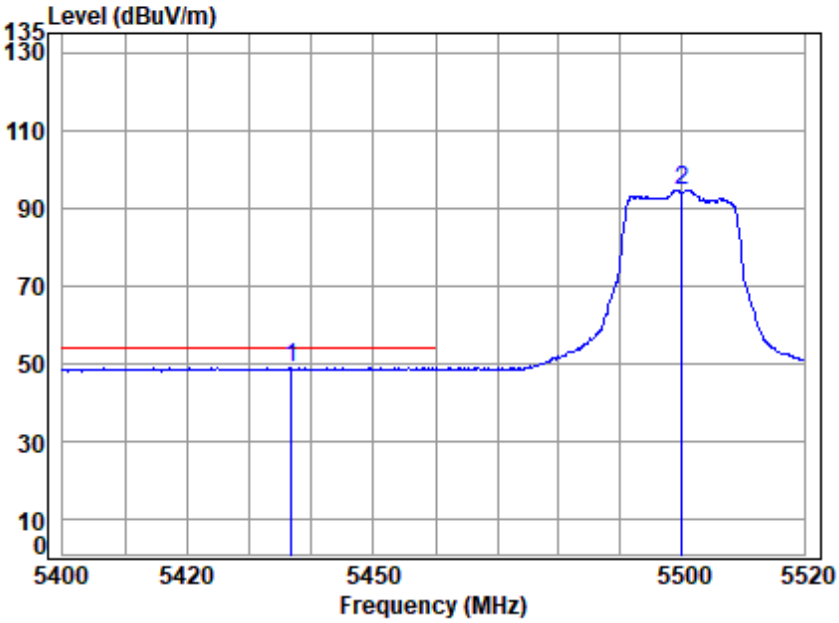
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5436.679	19.23	34.67	31.43	26.24	48.71	54.00	-5.29	Average
2	5500.000	19.31	34.50	31.46	72.10	94.45	------	------	Average

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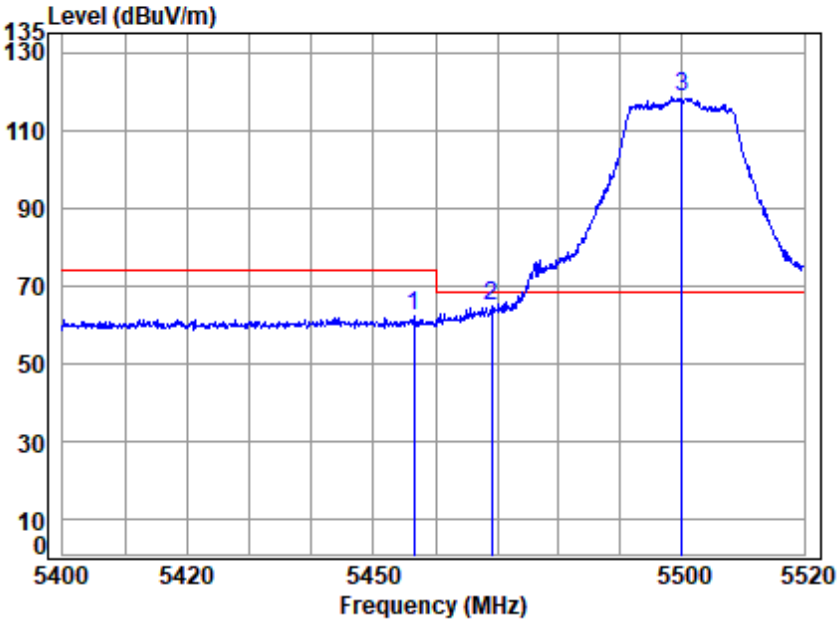
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.551	19.25	34.67	31.44	39.47	61.95	74.00	-12.05	Peak
2	5469.038	19.27	34.62	31.45	42.01	64.45	68.20	-3.75	peak
3 p	5500.000	19.31	34.50	31.46	96.21	118.56	68.20	50.36	Peak

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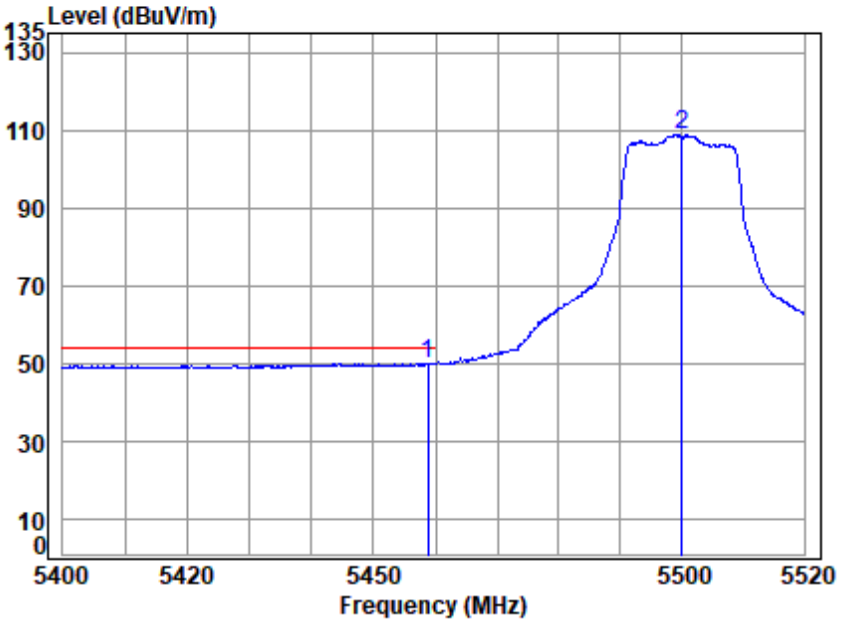
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5500 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5458.831	19.26	34.66	31.44	27.45	49.93	54.00	-4.07	Average
2	5500.000	19.31	34.50	31.46	86.61	108.96	------	------	Average

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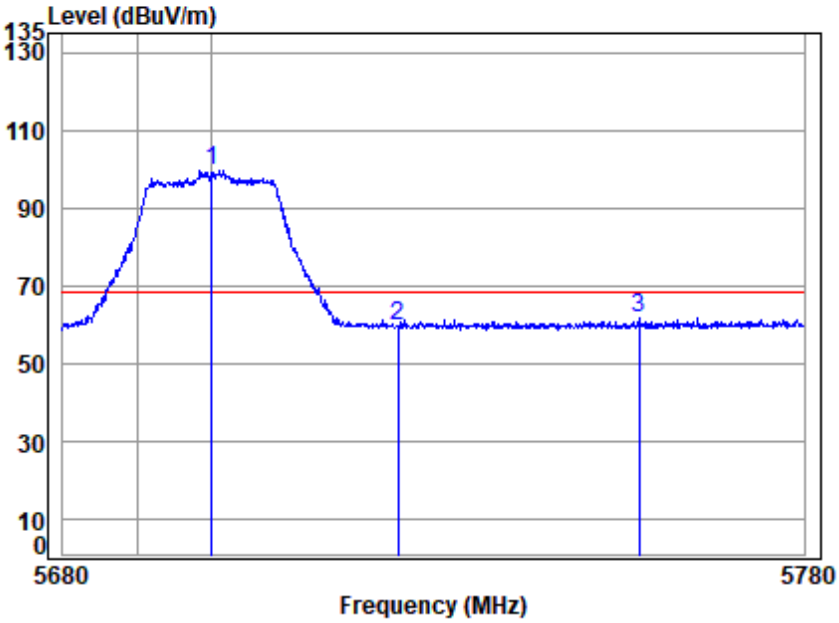
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	77.39	99.57	68.20	31.37	peak
2	5725.000	19.46	34.25	31.57	37.56	59.70	68.20	-8.50	peak
3	5757.548	19.48	34.22	31.59	39.25	61.36	68.20	-6.84	peak

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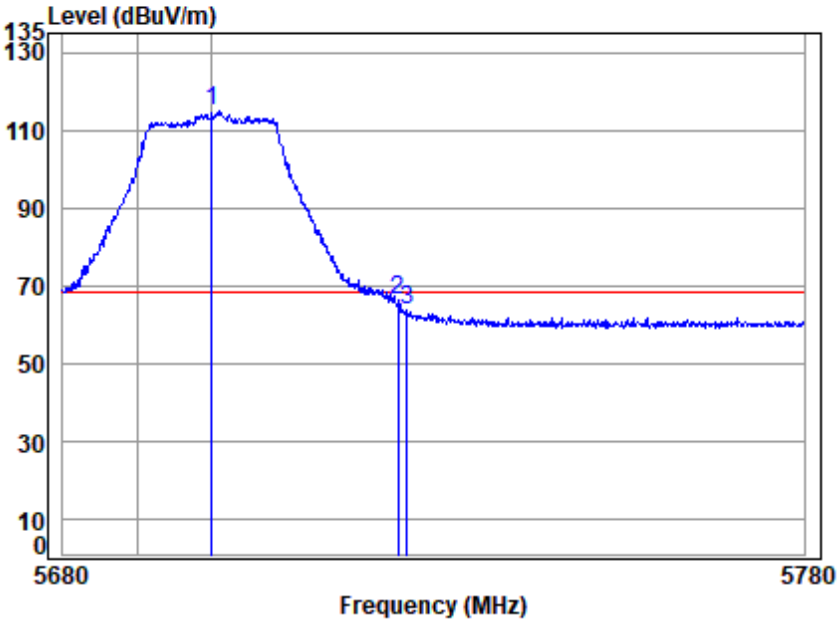
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5700 Band edge
: 5G WIFI 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.44	34.30	31.56	92.72	114.90	68.20	46.70	Peak
2	5725.000	19.46	34.25	31.57	43.87	66.01	68.20	-2.19	Peak
3	5726.183	19.46	34.25	31.57	41.62	63.76	68.20	-4.44	Peak

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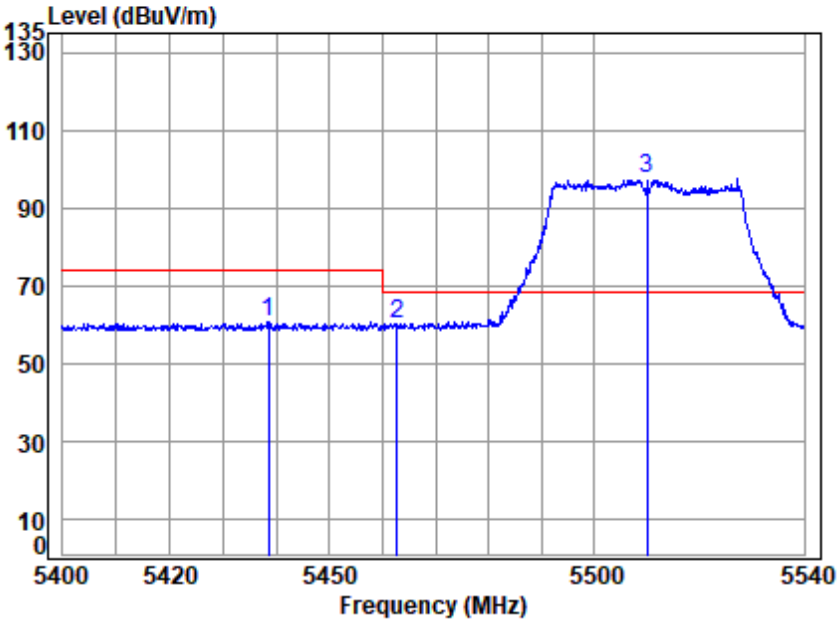
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5438.561	19.23	34.68	31.43	38.05	60.53	74.00	-13.47	peak
2	5462.697	19.26	34.65	31.44	37.84	60.31	68.20	-7.89	peak
3 p	5510.000	19.32	34.54	31.47	74.96	97.35	68.20	29.15	peak

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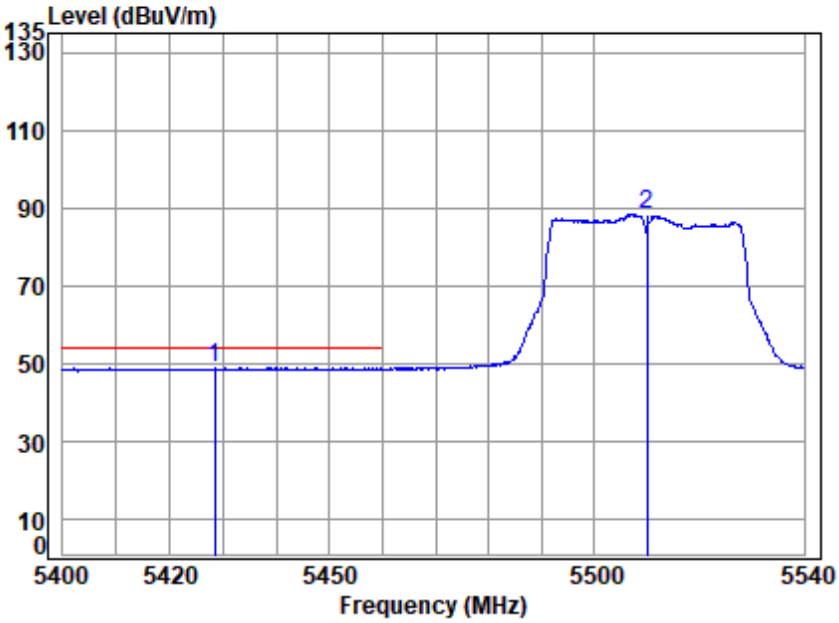


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Site      : chamber
Condition: 3m HORIZONTAL
Job No    : 00095AT/00096AT
Mode      : 5510 Band edge
          : 5G WIFI 11AX40
```

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5428.409	19.22	34.66	31.43	26.49	48.94	54.00	-5.06	Average
2	5510.000	19.32	34.54	31.47	65.84	88.23	------	------	Average

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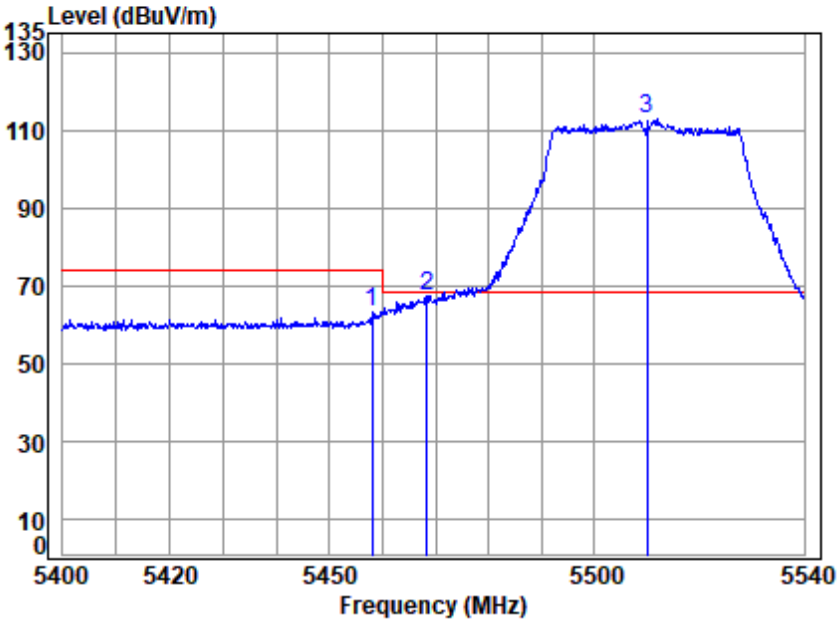
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.945	19.25	34.67	31.44	40.90	63.38	74.00	-10.62	Peak
2	5468.292	19.27	34.63	31.45	44.99	67.44	68.20	-0.76	peak
3 p	5510.000	19.32	34.54	31.47	90.48	112.87	68.20	44.67	Peak

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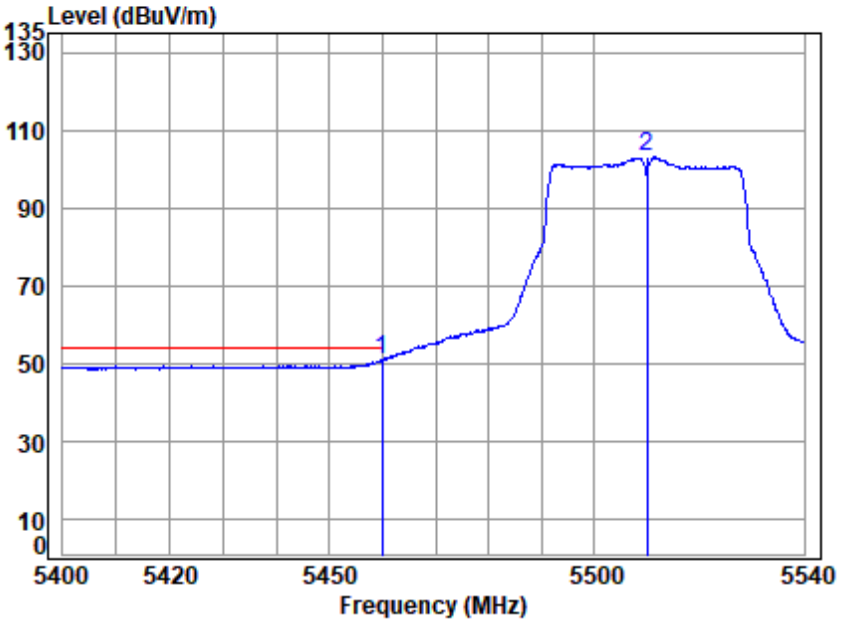
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5510 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5459.901	19.26	34.66	31.44	28.38	50.86	54.00	-3.14	Average
2	5510.000	19.32	34.54	31.47	80.65	103.04	------	------	Average

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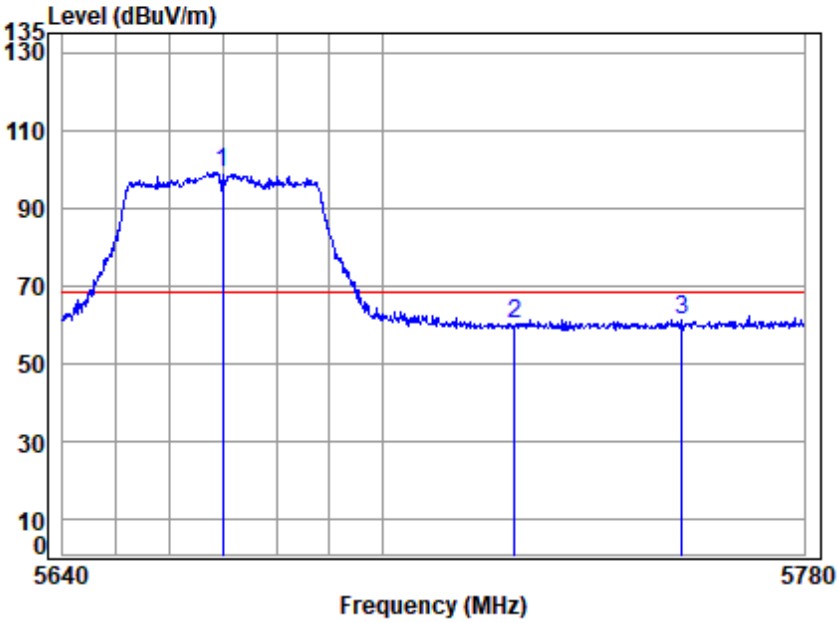
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5670 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5670.000	19.42	34.36	31.54	77.00	99.24	68.20	31.04	peak
2	5725.000	19.46	34.25	31.57	37.67	59.81	68.20	-8.39	peak
3	5756.663	19.48	34.21	31.59	39.04	61.14	68.20	-7.06	peak

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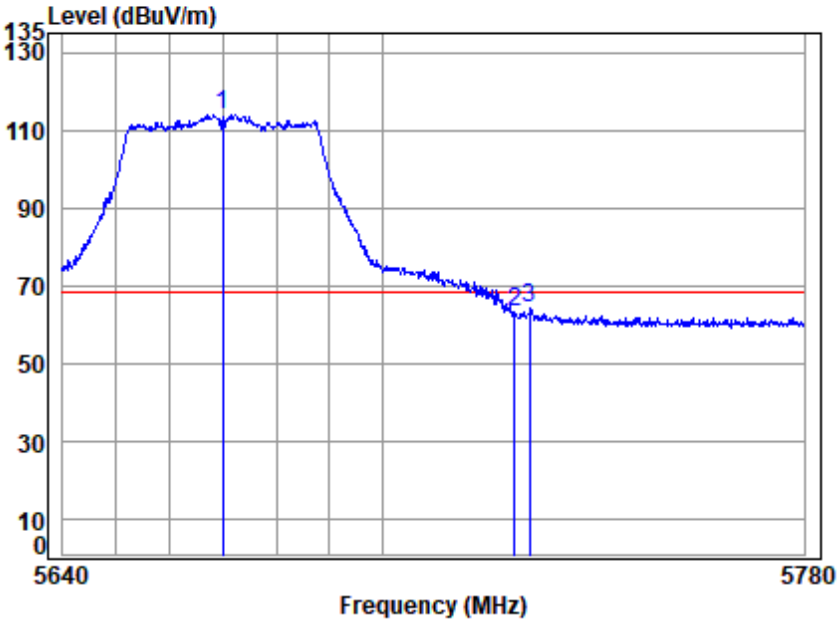
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5670 Band edge
: 5G WIFI 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5670.000	19.42	34.36	31.54	91.86	114.10	68.20	45.90	Peak
2	5725.000	19.46	34.25	31.57	40.75	62.89	68.20	-5.31	Peak
3	5727.799	19.46	34.24	31.57	41.84	63.97	68.20	-4.23	Peak

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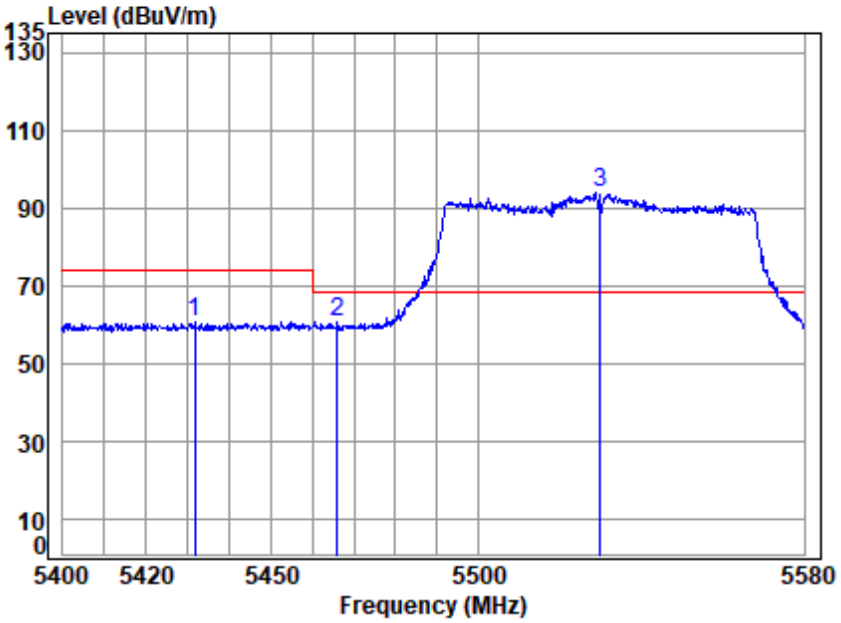
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5431.610	19.22	34.66	31.43	38.23	60.68	74.00	-13.32	peak
2	5466.092	19.27	34.64	31.44	38.35	60.82	68.20	-7.38	peak
3 p	5530.000	19.33	34.62	31.48	71.37	93.84	68.20	25.64	peak

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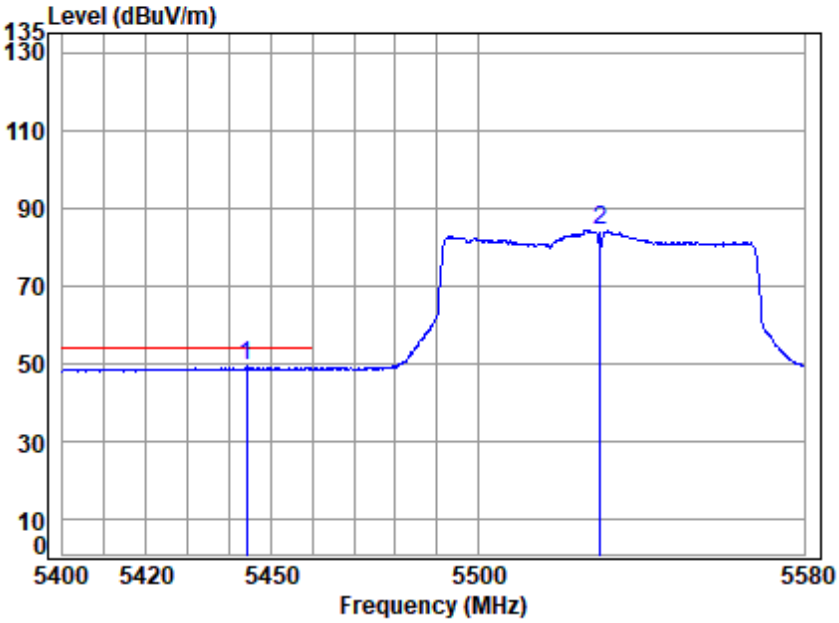
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00095AT/00096AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5444.091	19.24	34.69	31.43	26.58	49.08	54.00	-4.92	Average
2	5530.000	19.33	34.62	31.48	61.77	84.24	------	------	Average

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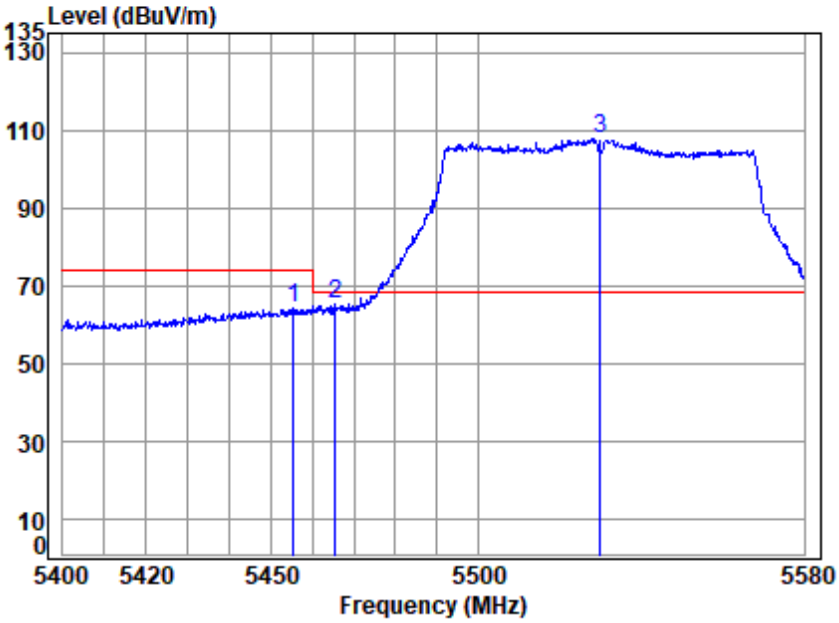
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5455.349	19.25	34.68	31.44	41.51	64.00	74.00	-10.00	Peak
2	5465.375	19.26	34.64	31.44	42.75	65.21	68.20	-2.99	peak
3 p	5530.000	19.33	34.62	31.48	85.28	107.75	68.20	39.55	Peak

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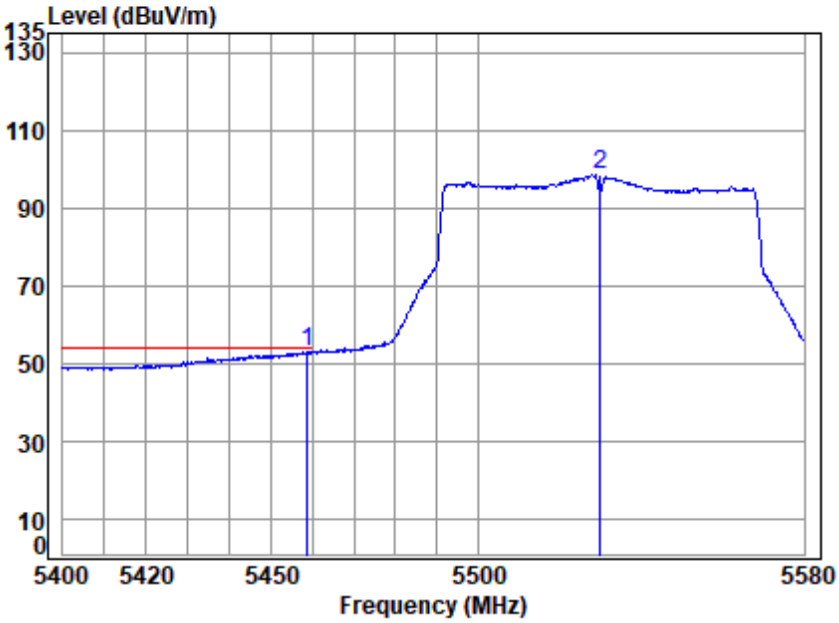

Site : chamber
Condition: 3m VERTICAL
Job No : 00095AT/00096AT
Mode : 5530 Band edge
: 5G WIFI 11AX80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q	5458.749	19.26	34.67	31.44	30.27	52.76	54.00	-1.24	Average
2	5530.000	19.33	34.62	31.48	76.01	98.48	------	------	Average

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