

TEST REPORT

Application No.: SZCR2507003037AT
Applicant: Fujian Newland Payment Technology Co.,Ltd.
Address of Applicant: No. B602, Building #1, Haixia Jingmao Plaza, Fuzhou Bonded Area 350015, Fujian, China
Manufacturer: Fujian Newland Payment Technology Co.,Ltd.
Address of Manufacturer: No. B602, Building #1, Haixia Jingmao Plaza, Fuzhou Bonded Area 350015, Fujian, China
Equipment Under Test (EUT):
EUT Description: POS Terminal
Model No.: S90
Trade Mark: Newland
FCC ID: 2AM6U-NAS90P
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-07-14
Date of Test: 2025-07-24 to 2025-07-25
Date of Issue: 2025-07-30

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

Keny Xu

Keny Xu
EMC Laboratory Manager



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

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-07-30		Original

Authorized for issue by:				
		Donjon . Huang		
		Donjon Huang/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)	Reference report TCWA24120042104

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Maximum Conducted output power		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart E 15.407 (a)	Reference report TCWA24120042104
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 12.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2013) Section 12.2	Reference report TCWA24120042104& TCWA24120042105
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.2	ANSI C63.10 (2013) Section 12.4.2	
26dB Emission bandwidth		ANSI C63.10 (2020) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (a)	
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (e)	
Peak Power spectrum density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	
Frequency Stability		ANSI C63.10 (2020) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	
Transmitter Power Control		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (h)(1)	
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	



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Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Non-occupancy period	47 CFR Part 15, Subpart E 15.407	KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Reference report TCWA24120042104& TCWA24120042105
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	

Remark:

EUT 1	EUT 2	EUT 3
S2_33_00_00_XX (Standard Version)	S2_73_00_00_XX (LCD_2 Version)	S2_33_13_00_XX (SCAN Version)

Note: The bits 13 and 14 of "xx" in HWID represent customized accessory information, the configuration of the camera, such as the number of cameras, pixels, and so on.

EUT1 as the main test.

EUT2 adds scanning functionality based on EUT1.

EUT3 adds an LCD screen based on EUT1.

The above differences do not affect the RF performance, so only EUT1 was evaluated this time.

This test report (Report No.: SZCR250700303705 issue on 2025-07-30) is based on the original FCC ID: XMR2025SC200VNA (Report No.: TCWA24120042104&TCWA24120042105 issue by Sushi TOWE Wireless Testing(Shenzhen) CO., Ltd. On 2025-03-06).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report the Radiated Emissions which fall in the restricted bands, Radiated Spurious Emissions Below 1GHz and Radiated Spurious Emissions Above 1GHz were tested and other test data please refer to the previous report with report number TCWA24120042104&TCWA24120042105 issue by Sushi TOWE Wireless Testing(Shenzhen) CO., Ltd. On 2025-03-06.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 7.6V	
WLAN Mode Supported:	802.11a:	20 MHz channel bandwidth
	802.11n:	20 MHz / 40 MHz channel bandwidth
	802.11ac:	20 MHz / 40 MHz / 80 MHz channel bandwidth
Operation Frequency:	5150MHz to 5250MHz 5250MHz to 5350MHz 5470MHz to 5725MHz 5725MHz to 5850MHz	
Modulation Type:	802.11a:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11n:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11ac:	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Channel Spacing:	20MHz:	802.11a/n(HT20)/ac(VHT20)
	40MHz:	802.11n(HT40)/ac(VHT40)
	80MHz:	802.11ac(VHT80)
Antenna Type:	☐ External, ☒ Integrated	
Antenna Gain:	5150MHz to 5250MHz: -2.78dBi; 5250MHz to 5350MHz: -1.97dBi; 5470MHz to 5725MHz: -2.06dBi; 5725MHz to 5850MHz: -1.53dBi;	
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.	
DFS Function:	☐ Master	
	☐ Slave with radar detection	☒ Slave without radar detection
Smart System:	☒ SISO	802.11a/n/ac

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4.2 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	42.5-56.3 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	23.4~23.5	7.6



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Note:

NV:Normal Voltage

LV:Low Extreme Test Voltage

HV:High Extreme Test Voltage

NT:Normal Temperature

LT:Low Extreme Test Temperature

HT:High Extreme Test Temperature

4.3 Description of Support Units

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

The EUT has been tested as an independent unit.

4.4 Measurement Uncertainty

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

Remark:

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

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



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4.5 Test Location

All tests were performed at:

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

No tests were sub-contracted.

4.6 Test Facility

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

• A2LA (Certificate No. 3816.01)

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

• VCCI (Member No. 1937)

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

• FCC –Designation Number: CN1336

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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

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

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2025-05-07	2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2025-03-04	2026-03-03
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2025-07-22	2026-07-21
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	2025-07-05	2026-07-04
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2025-07-22	2027-07-21
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2025-03-21	2026-03-20



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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	2025-05-07	2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2025-03-04	2026-03-03
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2025-07-22	2026-07-21
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	2025-07-05	2026-07-04

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

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	2025-07-23 2026-07-22
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24 2025-07-23	2025-07-23 2026-07-22
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02



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6 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

15.203 requirement:

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

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is:

5150MHz to 5250MHz: -2.78dBi;

5250MHz to 5350MHz: -1.97dBi;

5470MHz to 5725MHz: -2.06dBi;

5725MHz to 5850MHz: -1.53dBi;

Antenna location: Refer to Internal photos.



7 Radio Spectrum Matter Test Results

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

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

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

7.1.1 E.U.T. Operation

Operating Environment:

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

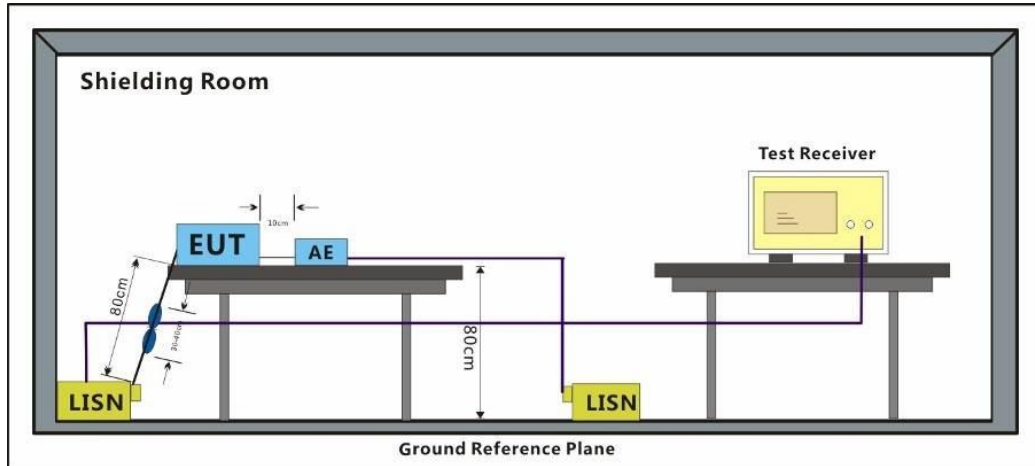
7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.



case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

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

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

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



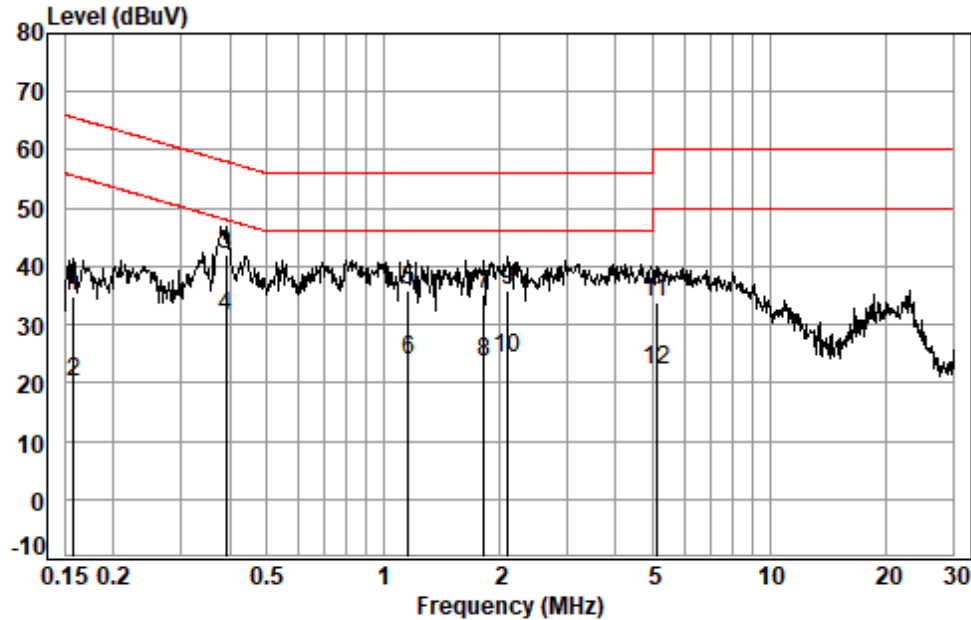
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SZEMC-TRF-01 Rev. A/1

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Test Mode: 07; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 03037AT
Test mode: 07

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1582	0.05	10.18	24.47	34.70	65.56	-30.86	QP
2	0.1582	0.05	10.18	9.77	20.00	55.56	-35.56	Average
3 *	0.3914	0.08	9.69	32.30	42.07	58.03	-15.96	QP
4 *	0.3914	0.08	9.69	21.66	31.43	48.03	-16.60	Average
5	1.1595	0.10	9.58	26.15	35.83	56.00	-20.17	QP
6	1.1595	0.10	9.58	14.31	23.99	46.00	-22.01	Average
7	1.8192	0.11	9.58	25.41	35.10	56.00	-20.90	QP
8	1.8192	0.11	9.58	13.86	23.55	46.00	-22.45	Average
9	2.0990	0.11	9.59	26.00	35.70	56.00	-20.30	QP
10	2.0990	0.11	9.59	14.50	24.20	46.00	-21.80	Average
11	5.0848	0.13	9.66	24.10	33.89	60.00	-26.11	QP
12	5.0848	0.13	9.66	12.41	22.20	50.00	-27.80	Average



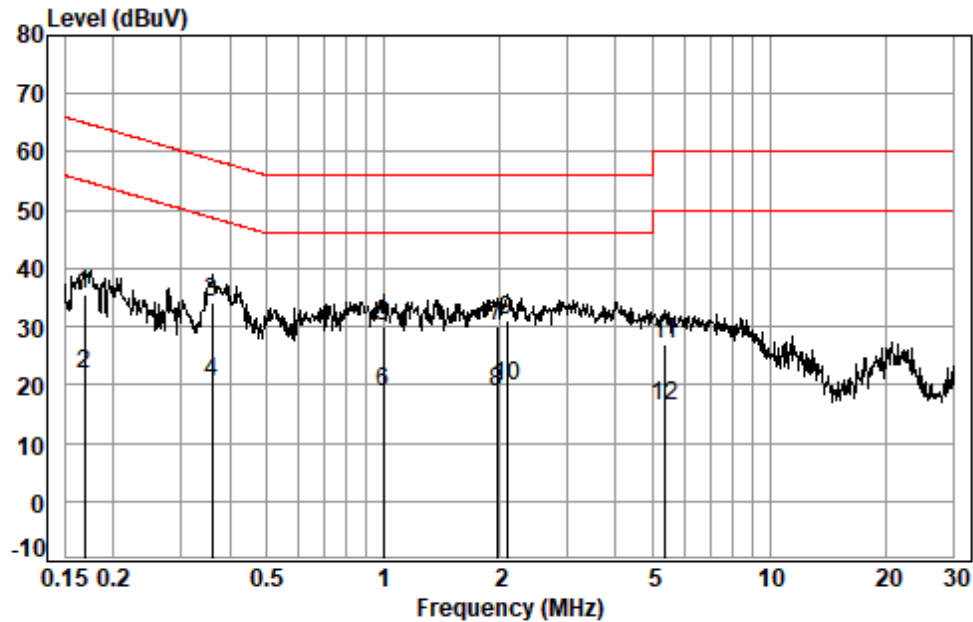
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Test Mode: 07; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 03037AT
Test mode: 07

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1685	0.05	10.12	25.45	35.62	65.03	-29.41	QP
2	0.1685	0.05	10.12	11.53	21.70	55.03	-33.33	Average
3 *	0.3615	0.07	9.75	24.24	34.06	58.69	-24.63	QP
4	0.3615	0.07	9.75	10.68	20.50	48.69	-28.19	Average
5	0.9997	0.10	9.54	20.43	30.07	56.00	-25.93	QP
6	0.9997	0.10	9.54	8.95	18.59	46.00	-27.41	Average
7	1.9697	0.11	9.55	20.54	30.20	56.00	-25.80	QP
8	1.9697	0.11	9.55	9.03	18.69	46.00	-27.31	Average
9	2.0879	0.11	9.55	21.52	31.18	56.00	-24.82	QP
10 *	2.0879	0.11	9.55	9.96	19.62	46.00	-26.38	Average
11	5.3615	0.14	9.58	17.22	26.94	60.00	-33.06	QP
12	5.3615	0.14	9.58	6.79	16.51	50.00	-33.49	Average



7.2 Radiated Emissions (Below 1GHz)

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

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

Measurement Distance: 3m

Limit:

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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.4 °C

Humidity: 42.5 % RH

Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0



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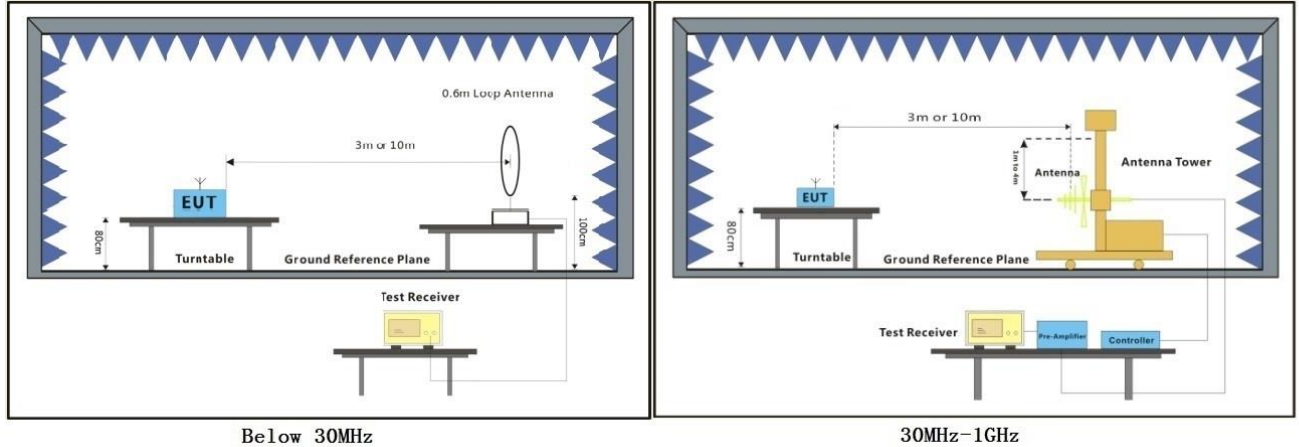
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		is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
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7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

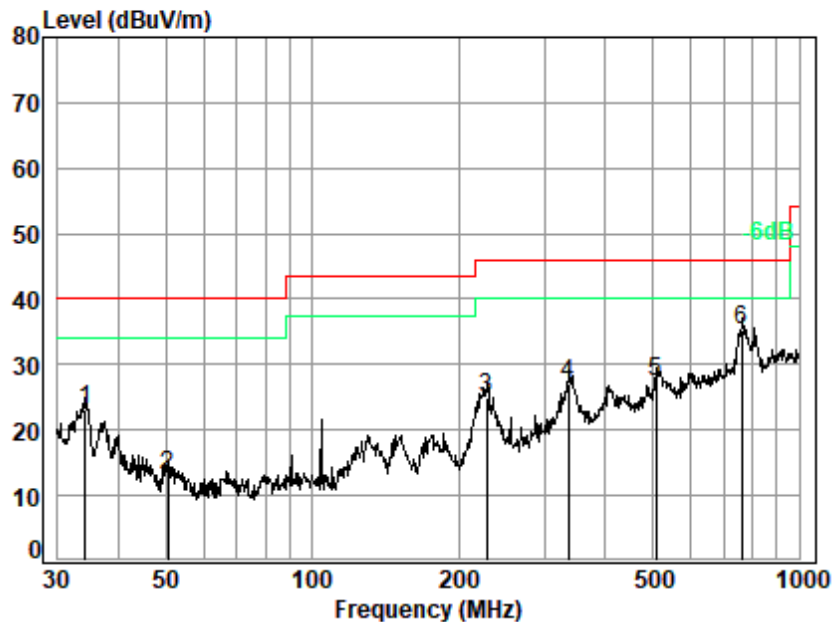
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna,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



Test Mode: 07; Polarity: Horizontal

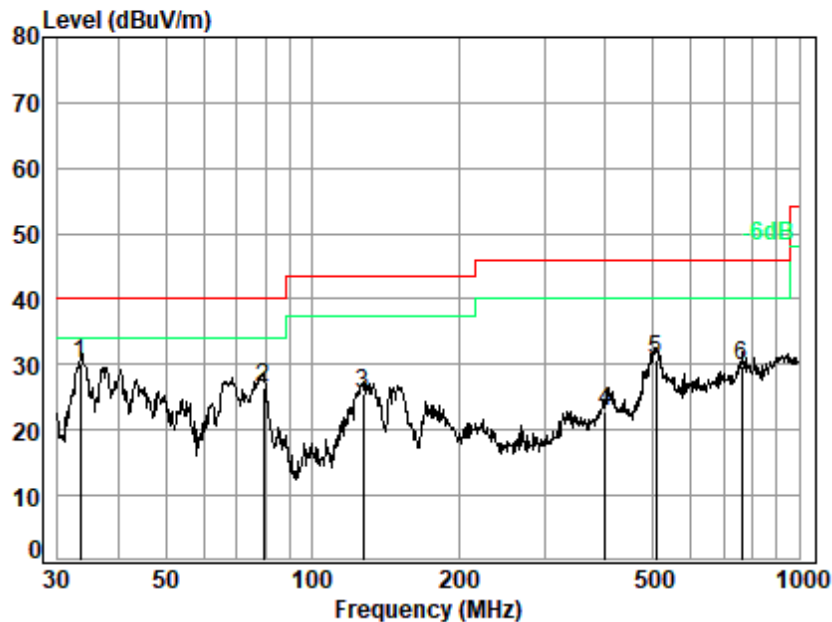


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 03037AT
Test Mode: 07

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	34.156	19.34	0.72	27.65	30.59	23.00	40.00	-17.00 QP
2	50.409	12.69	0.86	27.63	27.31	13.23	40.00	-26.77 QP
3	228.490	16.23	1.90	27.70	34.60	25.03	46.00	-20.97 QP
4	336.035	18.88	2.35	27.60	33.55	27.18	46.00	-18.82 QP
5	508.258	23.13	2.95	27.96	29.31	27.43	46.00	-18.57 QP
6 q	763.376	26.52	3.75	27.68	32.58	35.17	46.00	-10.83 QP



Test Mode: 07; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 03037AT
Test Mode: 07

		Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	q	33.445	19.68	0.71	27.65	37.35	30.09	40.00	-9.91 QP
2		79.243	10.42	1.09	27.61	42.67	26.57	40.00	-13.43 QP
3		127.218	10.97	1.41	27.67	40.71	25.42	43.50	-18.08 QP
4		399.030	20.63	2.58	27.75	27.29	22.75	46.00	-23.25 QP
5		508.258	23.13	2.95	27.96	32.53	30.65	46.00	-15.35 QP
6		763.376	26.52	3.75	27.68	27.33	29.92	46.00	-16.08 QP



7.3 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10 (2020) Section 6.6

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 56.3 % RH

Atmospheric Pressure: 1020 mbar



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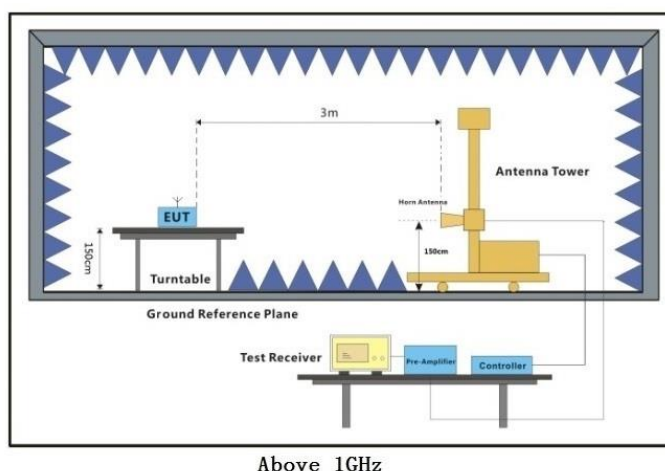
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7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

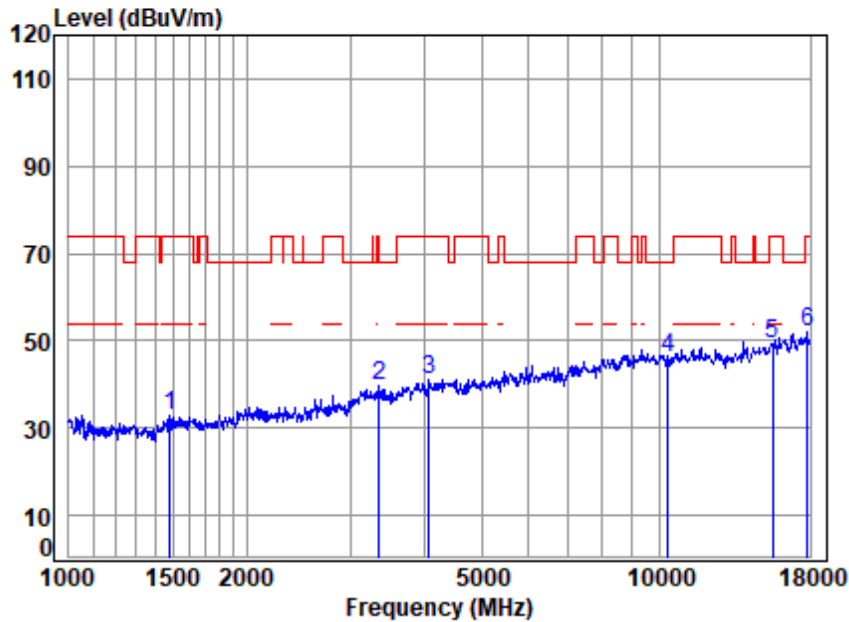
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which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

Remark:

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



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

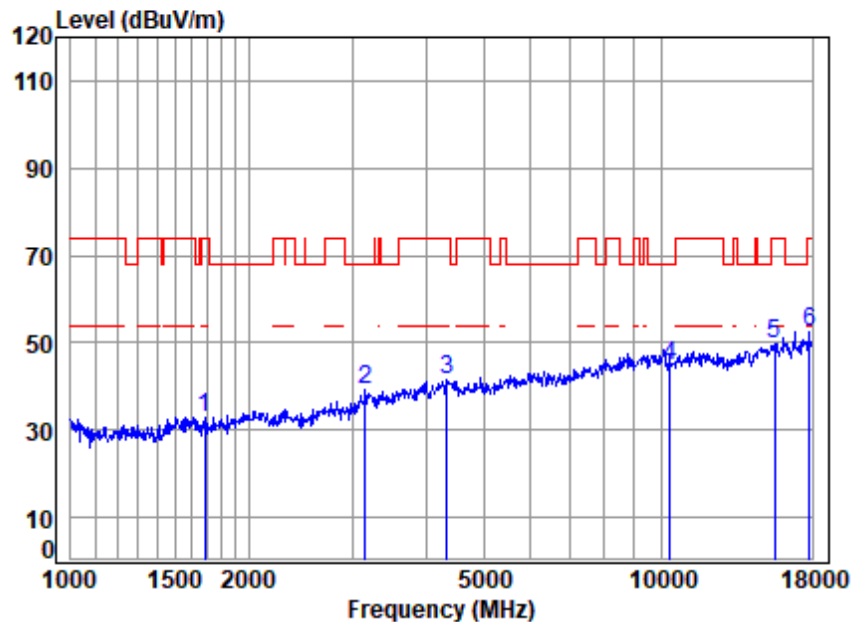


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	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	1481.553	5.02	26.28	54.77	56.11	32.64	74.00	-41.36	peak
2	3357.061	6.11	32.14	54.73	55.95	39.47	74.00	-34.53	peak
3	4074.388	6.94	32.74	54.29	55.83	41.22	74.00	-32.78	peak
4	10360.000	10.58	37.10	53.13	51.41	45.96	68.20	-22.24	peak
5	15540.000	10.88	41.10	52.16	49.45	49.27	74.00	-24.73	peak
6	p17793.090	11.38	43.89	52.50	49.13	51.90	74.00	-22.10	peak



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

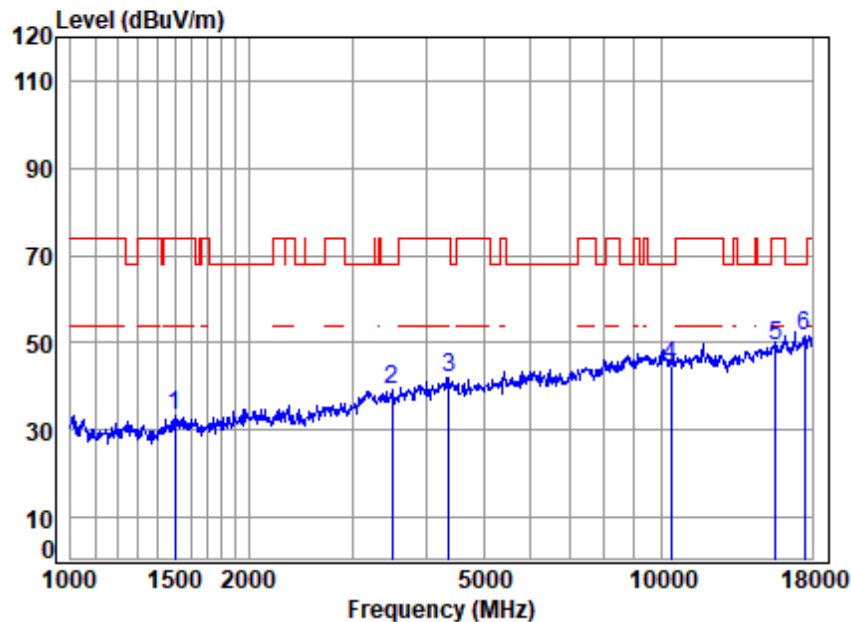


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1687.347	5.00	26.23	54.83	56.62	33.02	74.00	-40.98	peak
2	3150.237	5.99	32.50	54.88	55.68	39.29	68.20	-28.91	peak
3	4341.886	7.09	34.34	54.26	54.12	41.29	74.00	-32.71	peak
4	10360.000	10.58	37.10	53.13	50.03	44.58	68.20	-23.62	peak
5	15540.000	10.88	41.10	52.16	50.11	49.93	74.00	-24.07	peak
6	17793.090	11.38	43.89	52.50	49.73	52.50	74.00	-21.50	peak



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

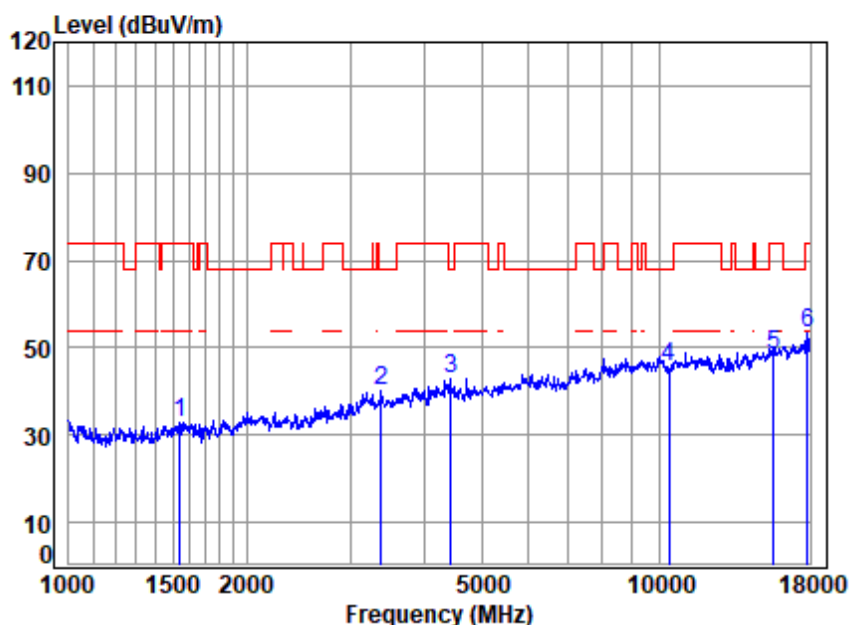


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1503.119	4.99	26.81	54.78	56.44	33.46	74.00	-40.54	peak
2	3495.691	6.19	31.62	54.63	56.20	39.38	68.20	-28.82	peak
3	4367.058	7.10	34.54	54.26	54.52	41.90	74.00	-32.10	peak
4	10400.000	10.57	37.10	53.12	50.30	44.85	68.20	-23.35	peak
5	15600.000	10.88	41.10	52.11	49.39	49.26	74.00	-24.74	peak
6	p17487.180	11.19	43.40	52.65	49.83	51.77	68.20	-16.43	peak



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

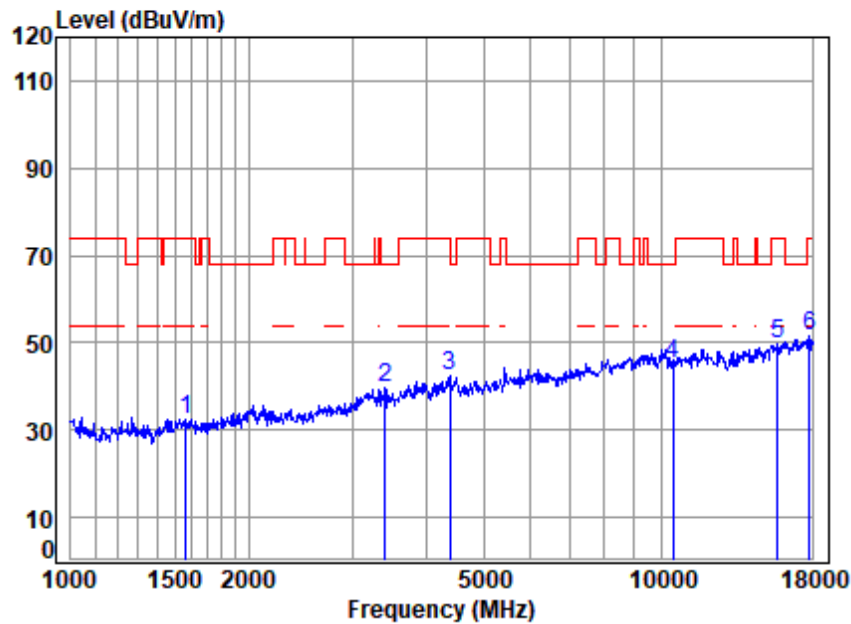


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1542.733	4.99	26.97	54.79	55.58	32.75	74.00	-41.25	peak
2	3386.297	6.13	32.32	54.71	56.58	40.32	68.20	-27.88	peak
3	4430.628	7.13	34.43	54.25	55.70	43.01	68.20	-25.19	peak
4	10400.000	10.57	37.10	53.12	50.86	45.41	68.20	-22.79	peak
5	15600.000	10.88	41.10	52.11	48.49	48.36	74.00	-25.64	peak
6	p17844.590	11.41	43.90	52.48	50.58	53.41	74.00	-20.59	peak



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

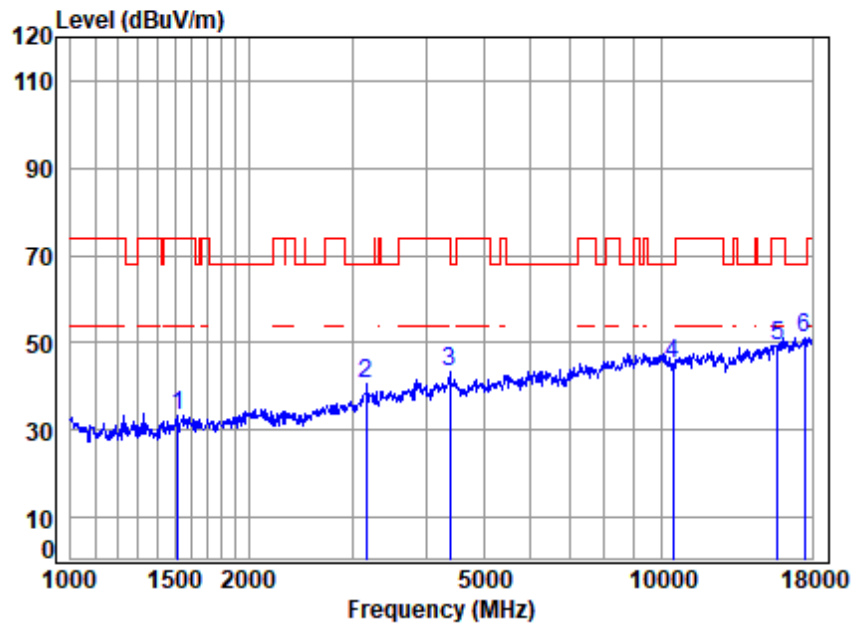


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	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	1569.721	4.99	26.92	54.80	55.40	32.51	74.00	-41.49	peak
2	3405.929	6.14	32.33	54.69	55.71	39.49	68.20	-28.71	peak
3	4379.699	7.11	34.64	54.26	55.17	42.66	74.00	-31.34	peak
4	10480.000	10.56	37.26	53.10	50.27	44.99	68.20	-23.21	peak
5	15720.000	10.89	41.22	52.02	49.43	49.52	74.00	-24.48	peak
6	p17793.090	11.38	43.89	52.50	48.80	51.57	74.00	-22.43	peak



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

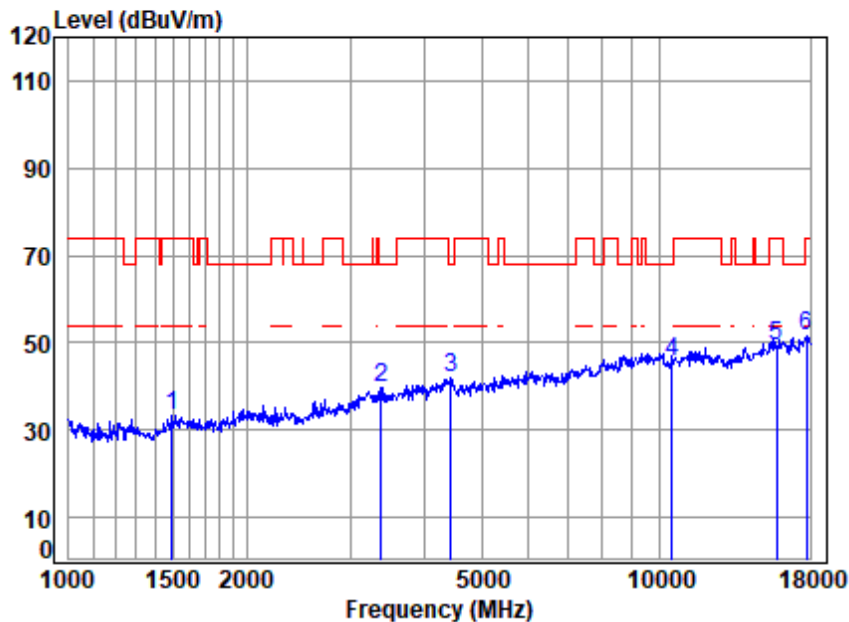


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1516.210	4.99	26.86	54.78	56.20	33.27	74.00	-40.73	peak
2	3168.500	6.00	32.65	54.87	56.96	40.74	68.20	-27.46	peak
3	4379.699	7.11	34.64	54.26	55.88	43.37	74.00	-30.63	peak
4	10480.000	10.56	37.26	53.10	50.55	45.27	68.20	-22.93	peak
5	15720.000	10.89	41.22	52.02	49.05	49.14	74.00	-24.86	peak
6	p17487.180	11.19	43.40	52.65	49.10	51.04	68.20	-17.16	peak



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

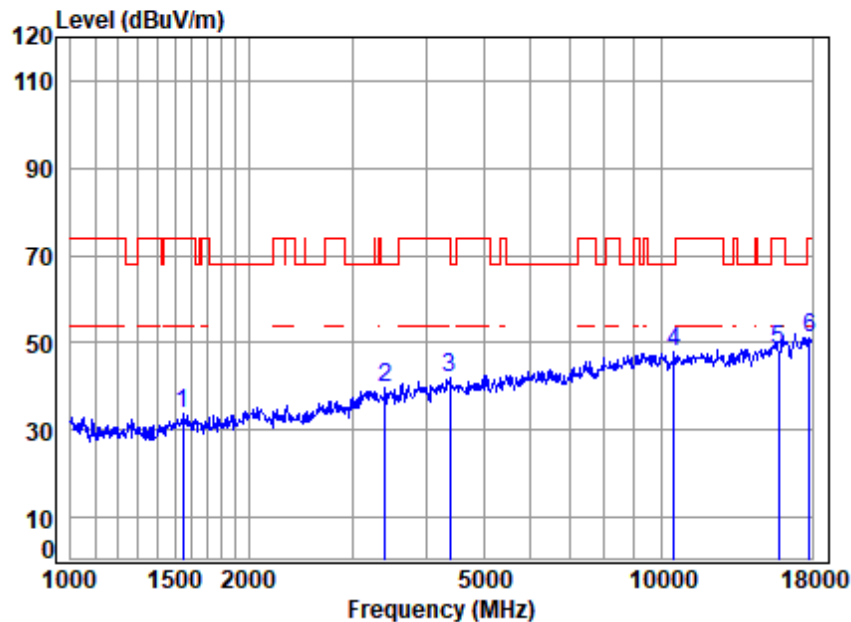


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1494.455	5.00	26.64	54.77	56.60	33.47	74.00	-40.53	peak
2	3386.297	6.13	32.32	54.71	56.11	39.85	68.20	-28.35	peak
3	4443.453	7.14	34.28	54.25	55.00	42.17	68.20	-26.03	peak
4	10520.000	10.58	37.30	53.09	50.71	45.50	68.20	-22.70	peak
5	15780.000	10.89	41.28	51.97	49.15	49.35	74.00	-24.65	peak
6	17741.740	11.35	43.84	52.53	49.06	51.72	74.00	-22.28	peak



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

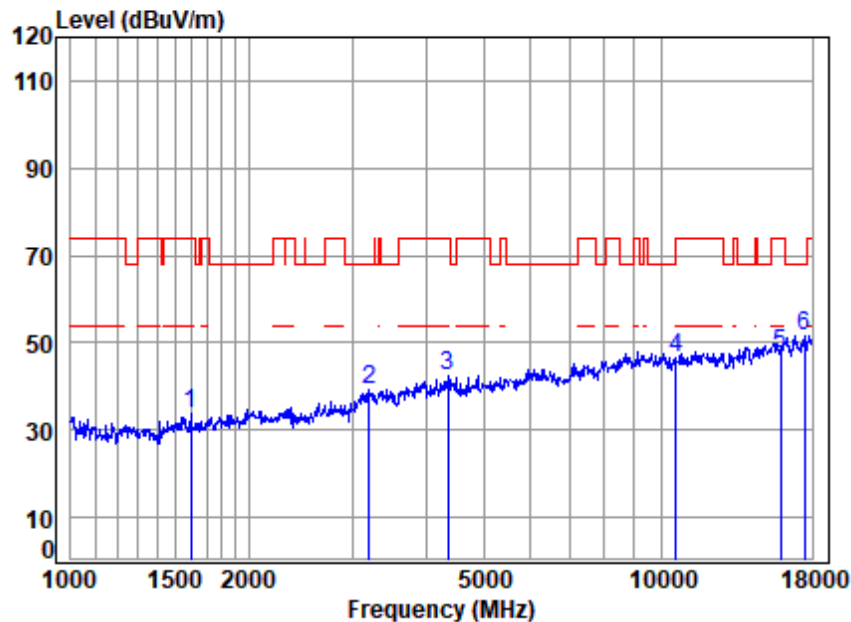


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	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	1547.199	4.99	26.99	54.79	56.73	33.92	74.00	-40.08	peak
2	3405.929	6.14	32.33	54.69	55.98	39.76	68.20	-28.44	peak
3	4379.699	7.11	34.64	54.26	54.37	41.86	74.00	-32.14	peak
4	10520.000	10.58	37.30	53.09	53.15	47.94	68.20	-20.26	peak
5	15780.000	10.89	41.28	51.97	48.13	48.33	74.00	-25.67	peak
6	17844.590	11.41	43.90	52.48	48.27	51.10	74.00	-22.90	peak



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

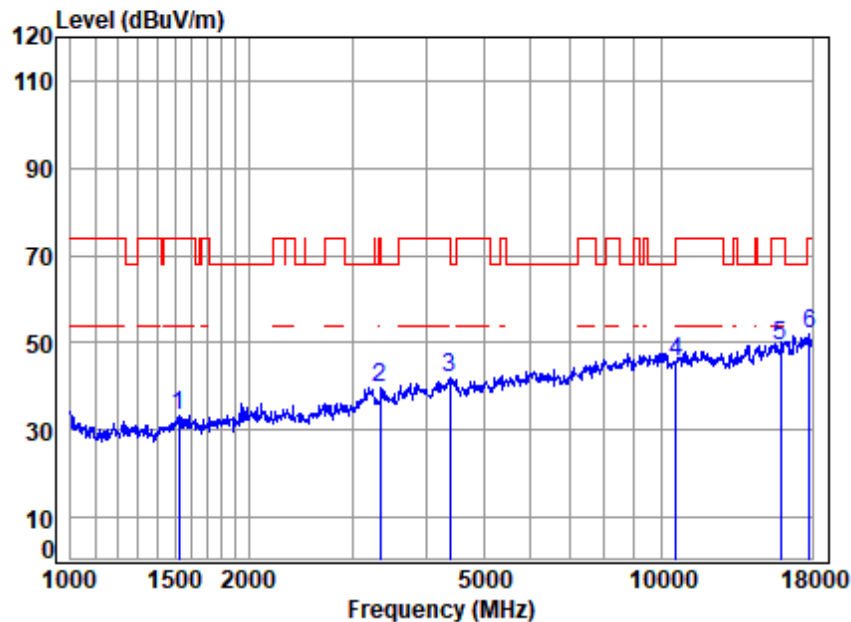


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	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	1597.181	4.99	26.81	54.80	56.92	33.92	74.00	-40.08	peak
2	3205.345	6.02	32.81	54.84	55.44	39.43	68.20	-28.77	peak
3	4354.454	7.09	34.44	54.26	54.95	42.22	74.00	-31.78	peak
4	10600.000	10.66	37.30	53.08	51.73	46.61	68.20	-21.59	peak
5	15900.000	10.90	41.40	51.88	47.20	47.62	74.00	-26.38	peak
6	p17487.180	11.19	43.40	52.65	49.82	51.76	68.20	-16.44	peak



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

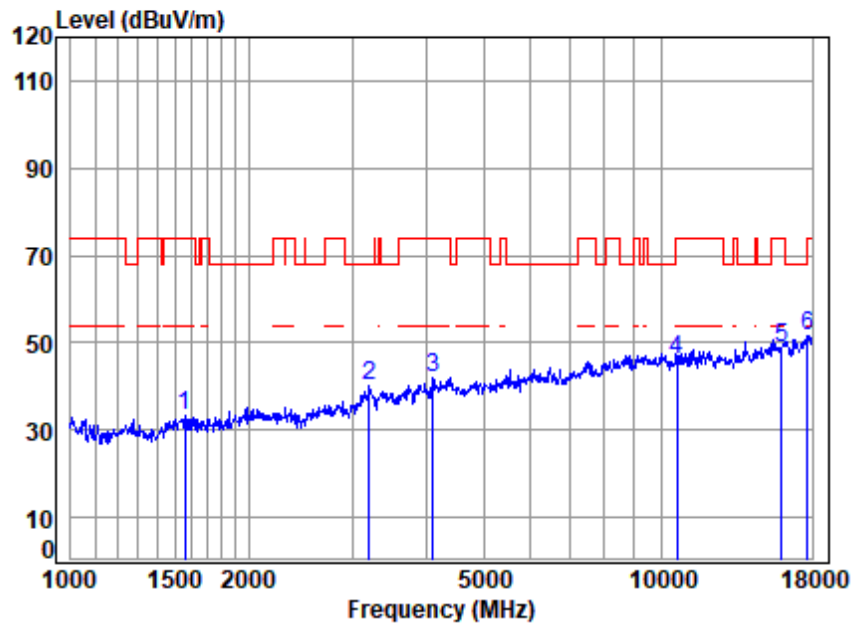


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	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	1525.000	4.99	26.90	54.78	56.25	33.36	74.00	-40.64	peak
2	3347.371	6.10	32.05	54.73	56.40	39.82	74.00	-34.18	peak
3	4392.376	7.11	34.74	54.26	54.53	42.12	74.00	-31.88	peak
4	10600.000	10.66	37.30	53.08	50.77	45.65	68.20	-22.55	peak
5	15900.000	10.90	41.40	51.88	48.74	49.16	74.00	-24.84	peak
6	p17844.590	11.41	43.90	52.48	48.99	51.82	74.00	-22.18	peak



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

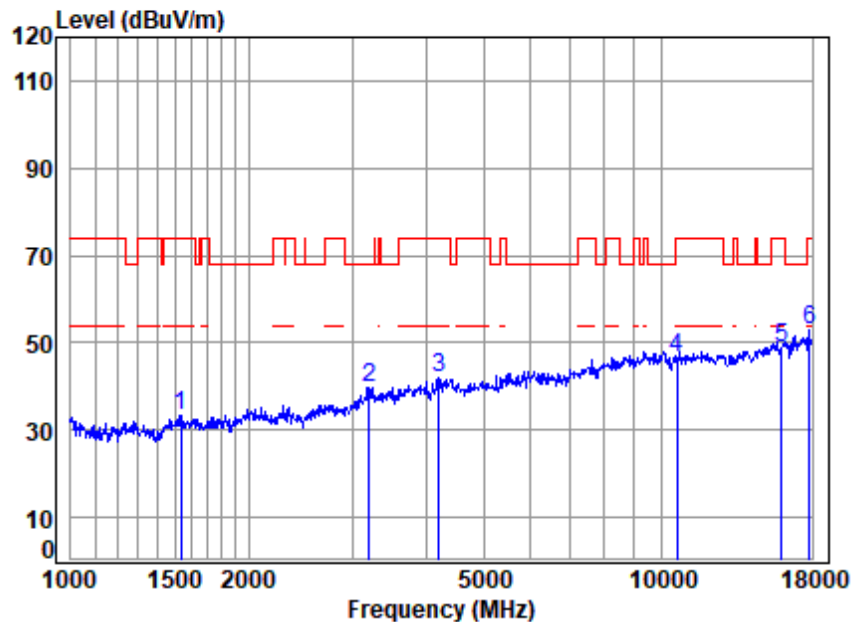


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	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	1560.673	4.99	26.96	54.79	56.35	33.51	74.00	-40.49	peak
2	3205.345	6.02	32.81	54.84	56.09	40.08	68.20	-28.12	peak
3	4098.010	6.96	32.98	54.29	56.36	42.01	74.00	-31.99	peak
4	10640.000	10.70	37.22	53.07	51.02	45.87	74.00	-28.13	peak
5	15960.000	10.90	41.52	51.83	48.37	48.96	74.00	-25.04	peak
6	p17690.530	11.32	43.78	52.55	49.04	51.59	68.20	-16.61	peak



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

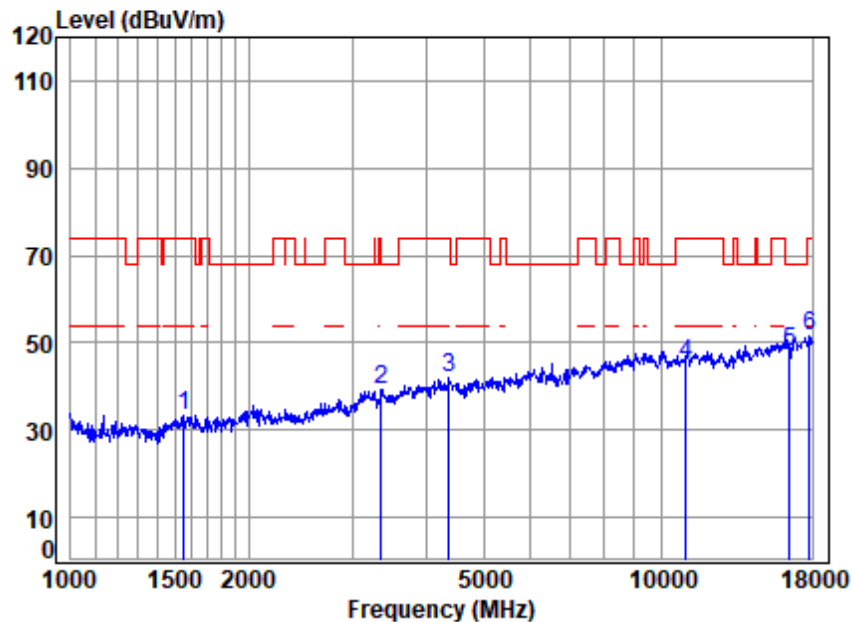


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	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	1538.281	4.99	26.95	54.79	56.15	33.30	74.00	-40.70	peak
2	3205.345	6.02	32.81	54.84	55.90	39.89	68.20	-28.31	peak
3	4193.872	7.01	33.80	54.28	55.57	42.10	74.00	-31.90	peak
4	10640.000	10.70	37.22	53.07	51.59	46.44	74.00	-27.56	peak
5	15960.000	10.90	41.52	51.83	48.46	49.05	74.00	-24.95	peak
6	p17793.090	11.38	43.89	52.50	49.94	52.71	74.00	-21.29	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

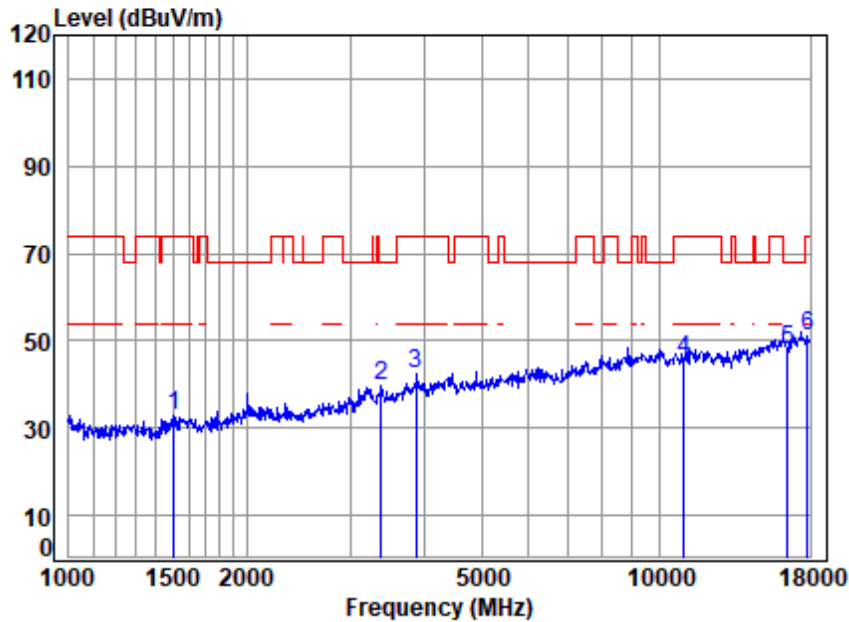


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1556.169	4.99	26.98	54.79	56.28	33.46	74.00	-40.54	peak
2	3357.061	6.11	32.14	54.73	55.69	39.21	74.00	-34.79	peak
3	4367.058	7.10	34.54	54.26	54.66	42.04	74.00	-31.96	peak
4	11000.000	11.06	37.50	53.00	49.75	45.31	74.00	-28.69	peak
5	16500.000	10.98	42.10	52.36	47.38	48.10	68.20	-20.10	peak
6	17793.090	11.38	43.89	52.50	48.81	51.58	74.00	-22.42	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

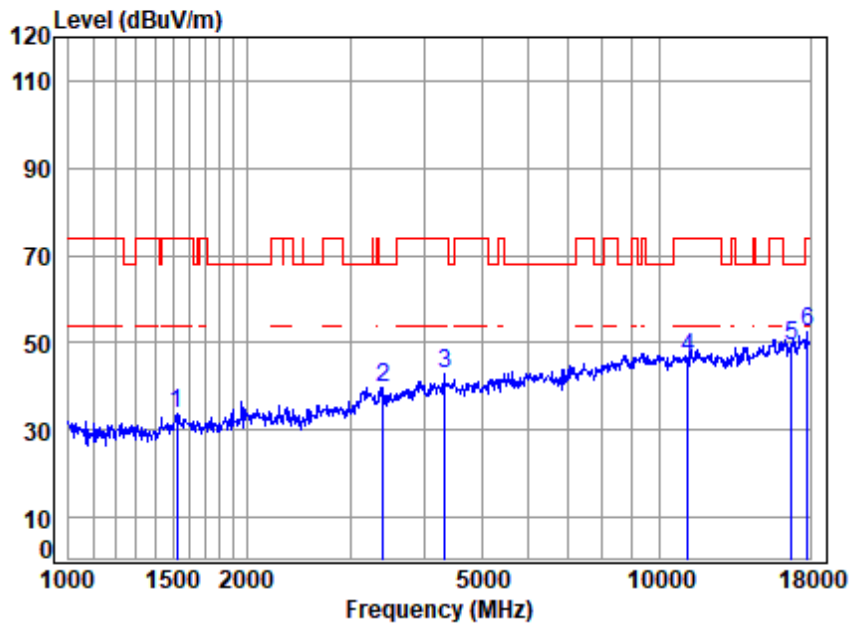


Site : chamber
 Condition: 3m VERTICAL
 Job No : 03037AT\03038AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11A

	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	1507.470	4.99	26.83	54.78	56.01	33.05	74.00	-40.95	peak
2	3376.523	6.12	32.26	54.71	55.81	39.48	68.20	-28.72	peak
3	3879.027	6.74	33.51	54.37	56.72	42.60	74.00	-31.40	peak
4	11000.000	11.06	37.50	53.00	49.85	45.41	74.00	-28.59	peak
5	16500.000	10.98	42.10	52.36	47.28	48.00	68.20	-20.20	peak
6	17793.090	11.38	43.89	52.50	48.41	51.18	74.00	-22.82	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

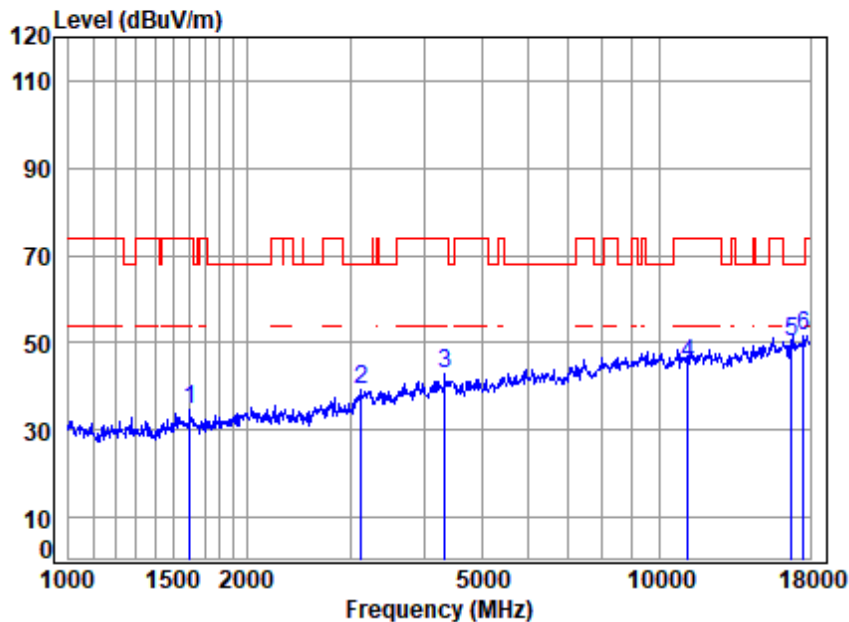


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	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	1525.000	4.99	26.90	54.78	56.66	33.77	74.00	-40.23	peak
2	3405.929	6.14	32.33	54.69	55.97	39.75	68.20	-28.45	peak
3	4329.354	7.08	34.23	54.26	55.98	43.03	74.00	-30.97	peak
4	11160.000	11.19	37.62	53.03	50.93	46.71	74.00	-27.29	peak
5	16740.000	10.98	42.78	52.62	48.09	49.23	68.20	-18.97	peak
6	17793.090	11.38	43.89	52.50	49.71	52.48	74.00	-21.52	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

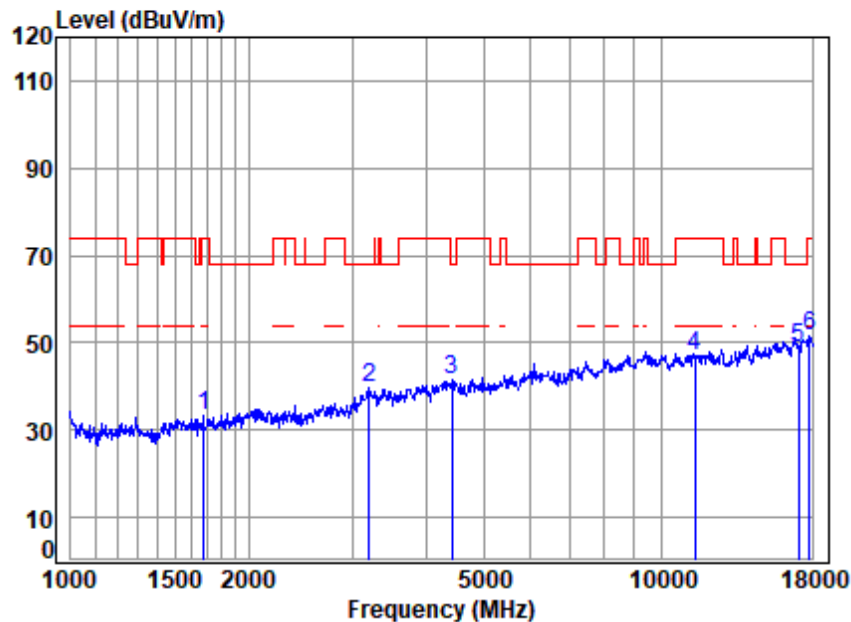


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	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	1606.441	4.99	26.74	54.81	57.71	34.63	74.00	-39.37	peak
2	3132.079	5.97	32.18	54.90	55.82	39.07	68.20	-29.13	peak
3	4341.886	7.09	34.34	54.26	55.70	42.87	74.00	-31.13	peak
4	11160.000	11.19	37.62	53.03	49.56	45.34	74.00	-28.66	peak
5	16740.000	10.98	42.78	52.62	49.20	50.34	68.20	-17.86	peak
6	p17537.800	11.22	43.48	52.63	49.49	51.56	68.20	-16.64	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

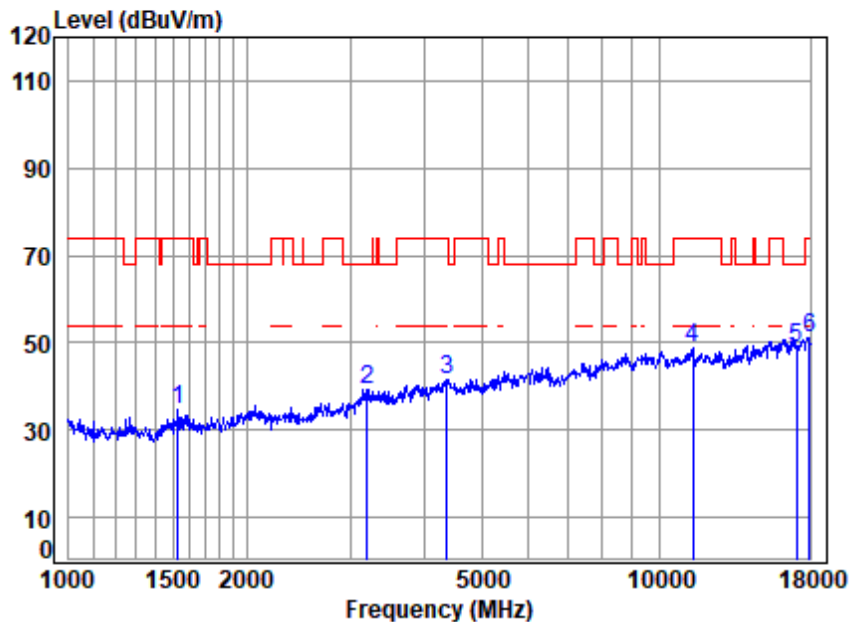


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5700 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1677.621	5.00	26.24	54.82	56.68	33.10	74.00	-40.90	peak
2	3205.345	6.02	32.81	54.84	55.63	39.62	68.20	-28.58	peak
3	4417.841	7.13	34.59	54.26	54.27	41.73	68.20	-26.47	peak
4	11400.000	11.37	37.70	53.08	50.91	46.90	74.00	-27.10	peak
5	17100.000	11.03	43.10	52.85	47.45	48.73	68.20	-19.47	peak
6	17844.590	11.41	43.90	52.48	48.88	51.71	74.00	-22.29	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

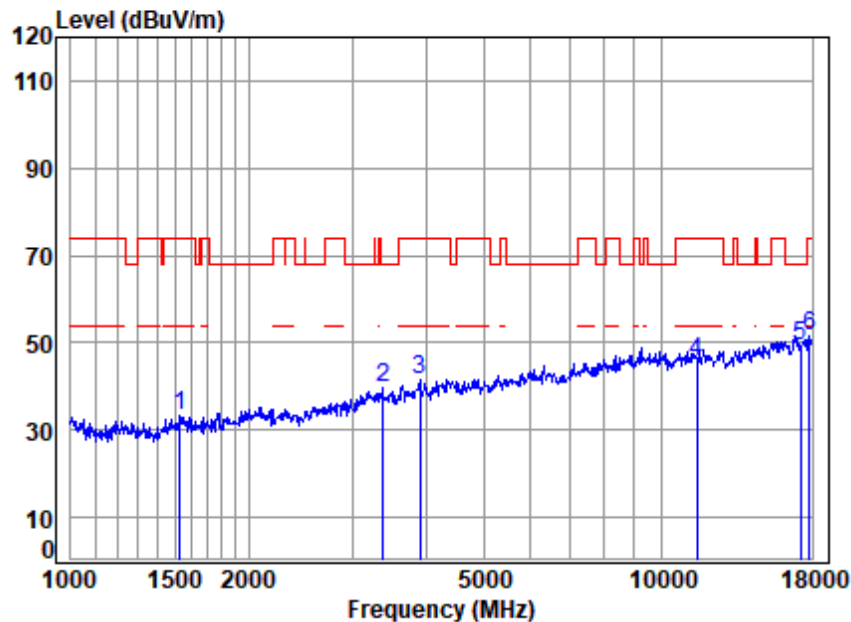


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	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	1529.414	4.99	26.92	54.78	57.36	34.49	74.00	-39.51	peak
2	3205.345	6.02	32.81	54.84	55.36	39.35	68.20	-28.85	peak
3	4367.058	7.10	34.54	54.26	54.30	41.68	74.00	-32.32	peak
4	11400.000	11.37	37.70	53.08	53.02	49.01	74.00	-24.99	peak
5	17100.000	11.03	43.10	52.85	47.34	48.62	68.20	-19.58	peak
6	17948.050	11.47	44.09	52.43	47.91	51.04	74.00	-22.96	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

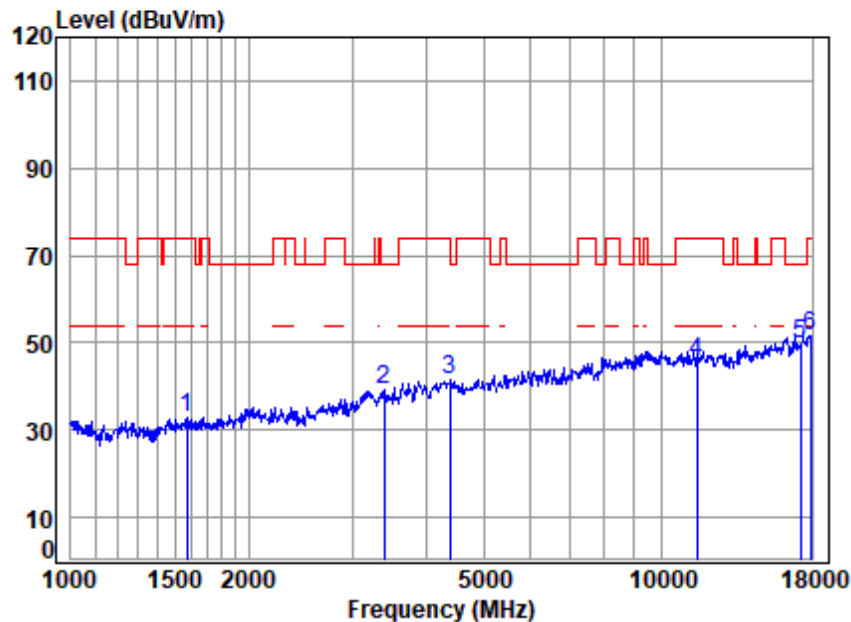


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1529.414	4.99	26.92	54.78	56.30	33.43	74.00	-40.57	peak
2	3376.523	6.12	32.26	54.71	56.14	39.81	68.20	-28.39	peak
3	3901.516	6.77	33.79	54.36	55.51	41.71	74.00	-32.29	peak
4	11490.000	11.44	37.79	53.10	49.32	45.45	74.00	-28.55	peak
5	17235.000	11.09	43.03	52.78	48.02	49.36	68.20	-18.84	peak
6	17844.590	11.41	43.90	52.48	48.51	51.34	74.00	-22.66	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

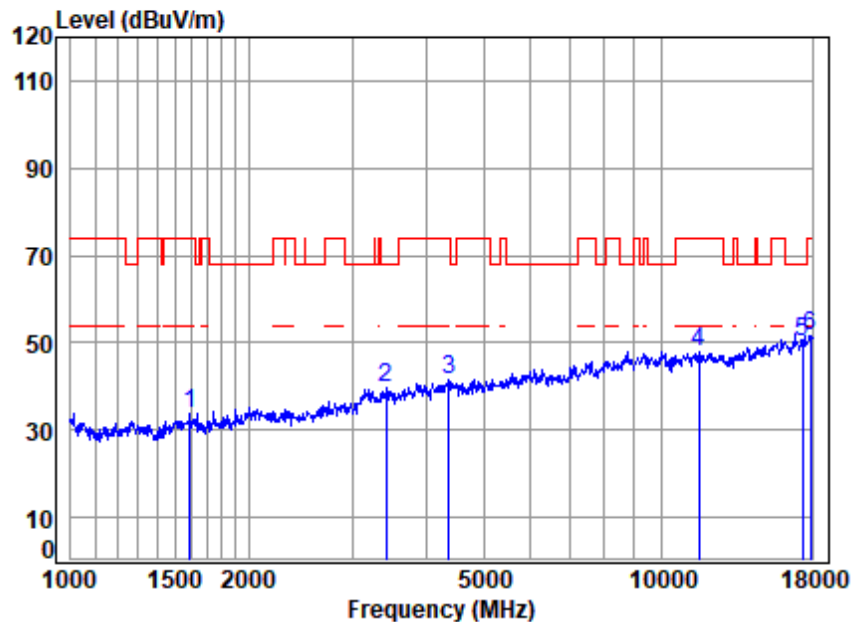


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1574.265	4.99	26.90	54.80	55.90	32.99	74.00	-41.01	peak
2	3396.098	6.13	32.38	54.70	55.47	39.28	68.20	-28.92	peak
3	4392.376	7.11	34.74	54.26	53.98	41.57	74.00	-32.43	peak
4	11490.000	11.44	37.79	53.10	49.63	45.76	74.00	-28.24	peak
5	17235.000	11.09	43.03	52.78	48.56	49.90	68.20	-18.30	peak
6	17896.250	11.44	43.90	52.45	48.84	51.73	74.00	-22.27	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

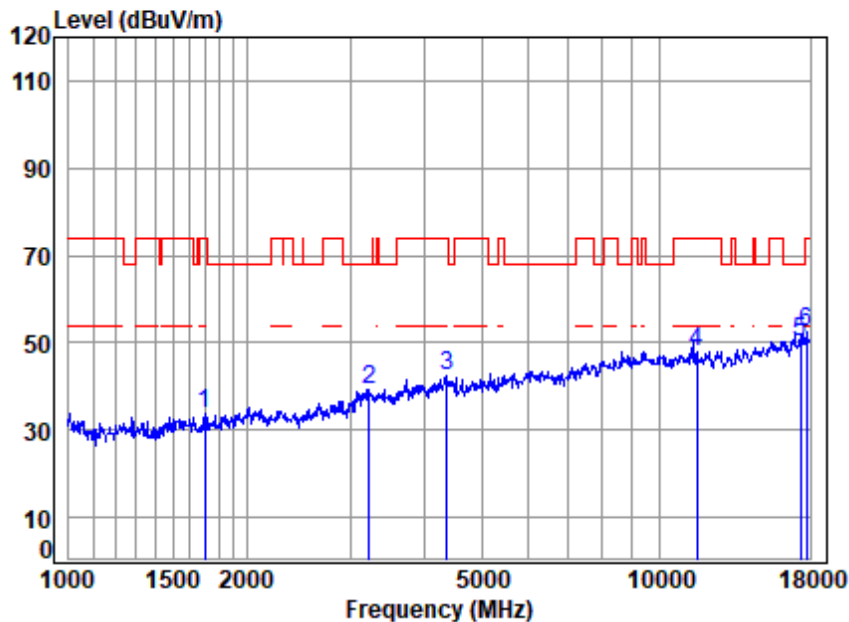


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1592.571	4.99	26.83	54.80	56.63	33.65	74.00	-40.35	peak
2	3415.787	6.14	32.21	54.68	56.04	39.71	68.20	-28.49	peak
3	4367.058	7.10	34.54	54.26	54.19	41.57	74.00	-32.43	peak
4	11570.000	11.48	37.73	53.12	51.94	48.03	74.00	-25.97	peak
5	17355.000	11.14	43.26	52.72	48.59	50.27	68.20	-17.93	peak
6	17896.250	11.44	43.90	52.45	48.81	51.70	74.00	-22.30	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

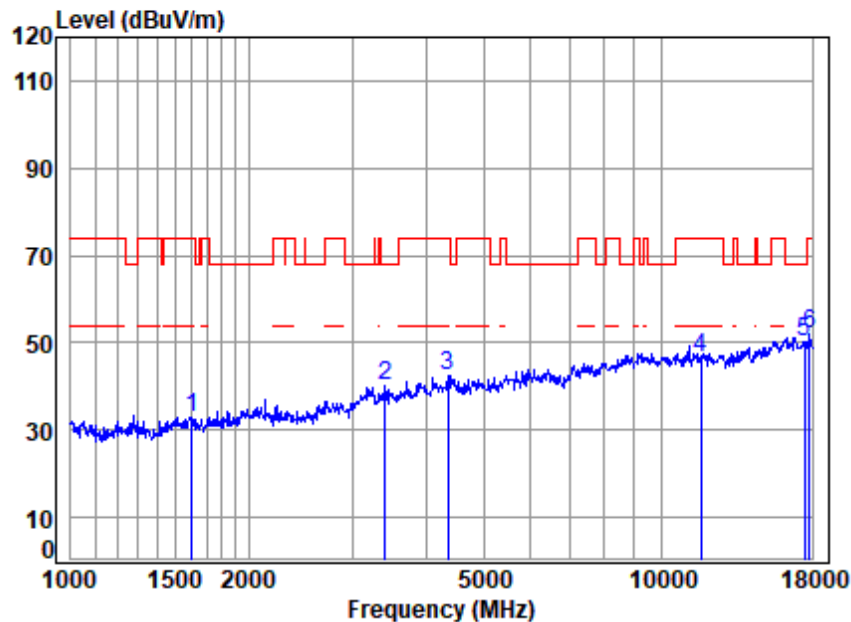


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	5.00	26.22	54.83	57.21	33.60	74.00	-40.40	peak
2	3223.928	6.03	32.52	54.82	55.45	39.18	68.20	-29.02	peak
3	4367.058	7.10	34.54	54.26	54.92	42.30	74.00	-31.70	peak
4	11570.000	11.48	37.73	53.12	51.83	47.92	74.00	-26.08	peak
5	17355.000	11.14	43.26	52.72	48.70	50.38	68.20	-17.82	peak
6	17741.740	11.35	43.84	52.53	49.82	52.48	74.00	-21.52	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

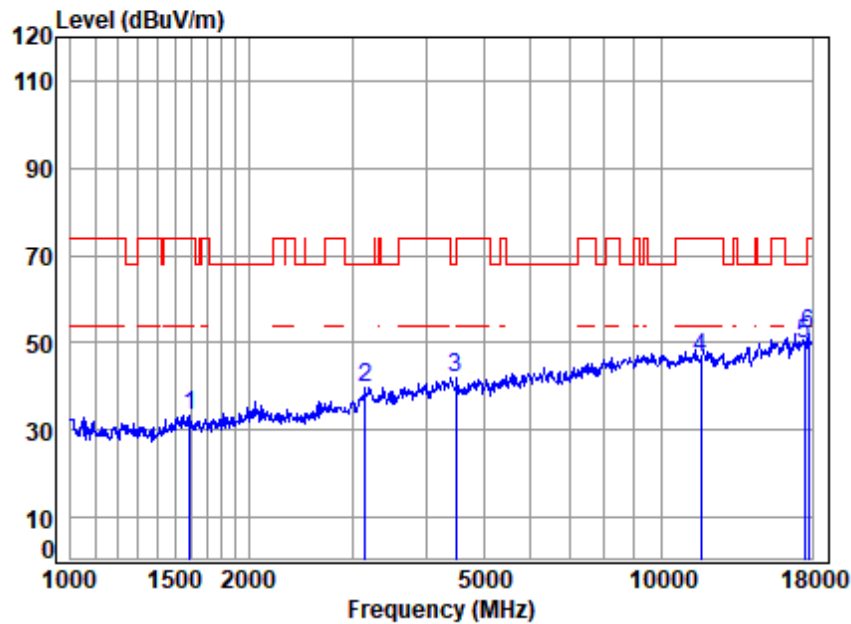


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1606.441	4.99	26.74	54.81	55.85	32.77	74.00	-41.23	peak
2	3405.929	6.14	32.33	54.69	56.18	39.96	68.20	-28.24	peak
3	4354.454	7.09	34.44	54.26	55.32	42.59	74.00	-31.41	peak
4	11650.000	11.50	37.80	53.13	50.38	46.55	74.00	-27.45	peak
5	17475.000	11.19	43.40	52.66	48.18	50.11	68.20	-18.09	peak
6	17844.590	11.41	43.90	52.48	49.11	51.94	74.00	-22.06	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1592.571	4.99	26.83	54.80	56.34	33.36	74.00	-40.64	peak
2	3150.237	5.99	32.50	54.88	56.31	39.92	68.20	-28.28	peak
3	4495.125	7.17	33.66	54.25	55.49	42.07	68.20	-26.13	peak
4	11650.000	11.50	37.80	53.13	50.46	46.63	74.00	-27.37	peak
5	17475.000	11.19	43.40	52.66	47.67	49.60	68.20	-18.60	peak
6	17741.740	11.35	43.84	52.53	49.49	52.15	74.00	-21.85	peak



7.4 Radiated Emissions which fall in the restricted bands

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

Test Method: ANSI C63.10 (2020) Section 6.10.5

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C

Humidity: 56.3 % RH

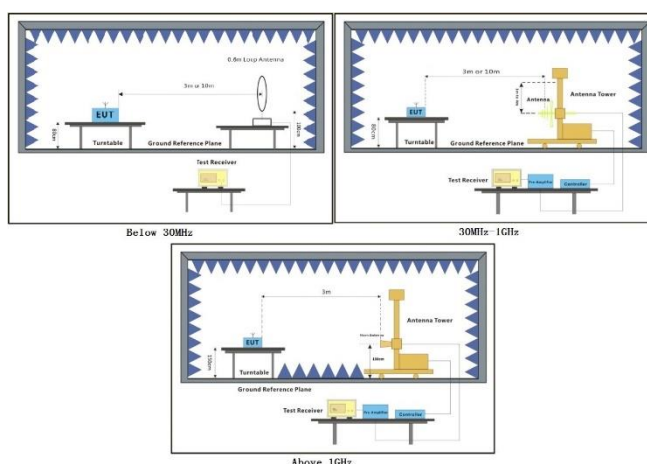
Atmospheric Pressure: 1020 mbar



7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

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

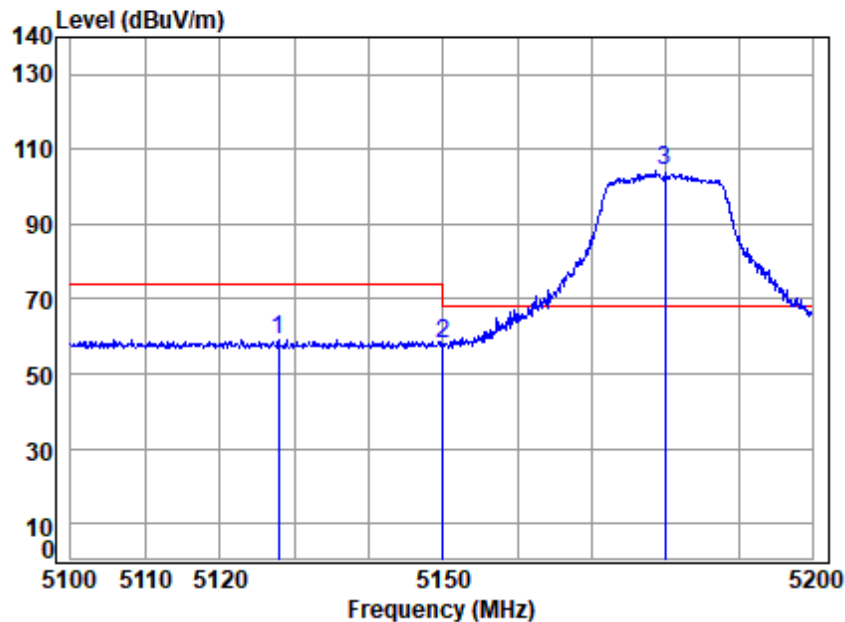
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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



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

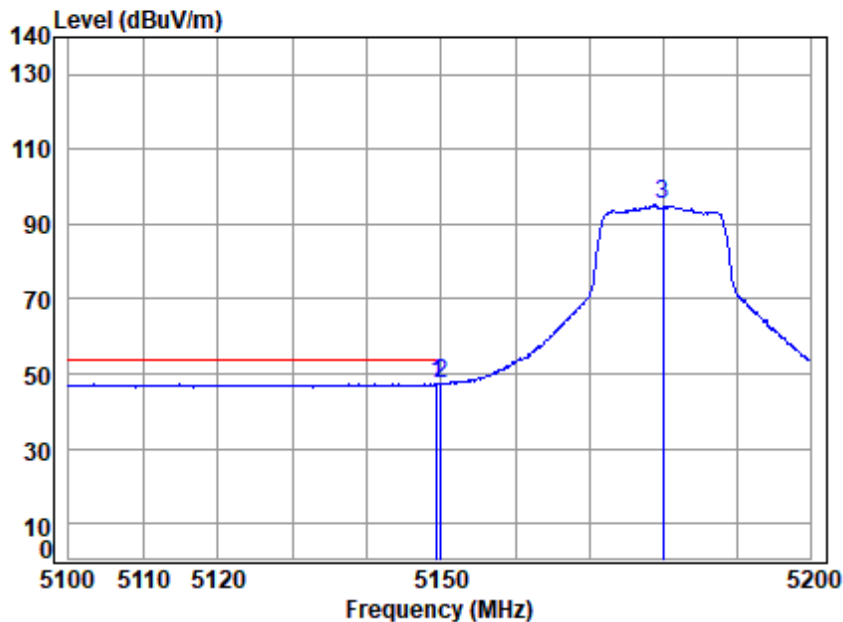


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.805	18.41	33.94	31.27	38.07	59.15	74.00	-14.85	peak
2	5149.980	18.47	33.90	31.28	37.03	58.12	74.00	-15.88	peak
3 p	5180.000	18.56	33.96	31.30	82.97	104.19	68.20	35.99	peak



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

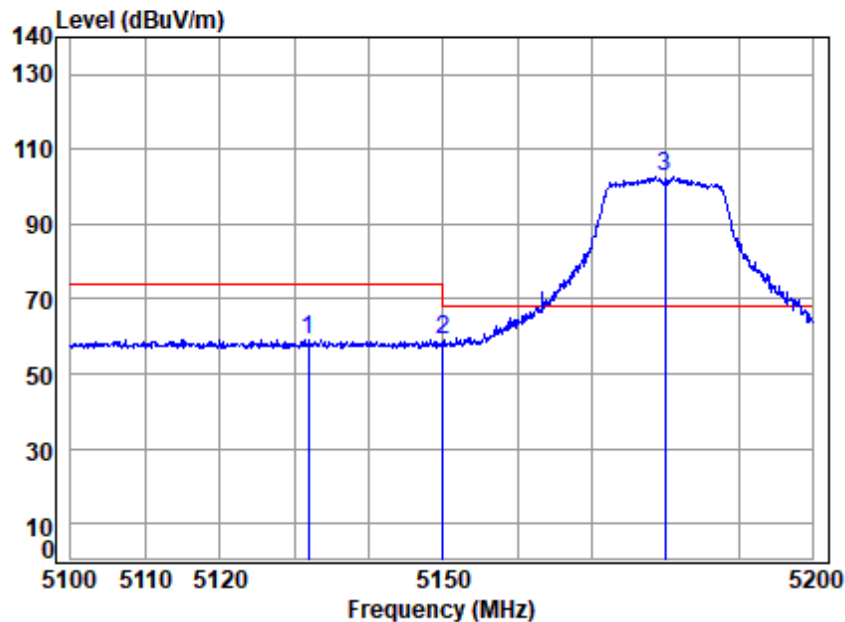


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5149.357	18.47	33.90	31.28	26.30	47.39	54.00	-6.61	Average
2 5149.980	18.47	33.90	31.28	26.29	47.38	54.00	-6.62	Average
3 5180.000	18.56	33.96	31.30	73.90	95.12	-----	-----	Average



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

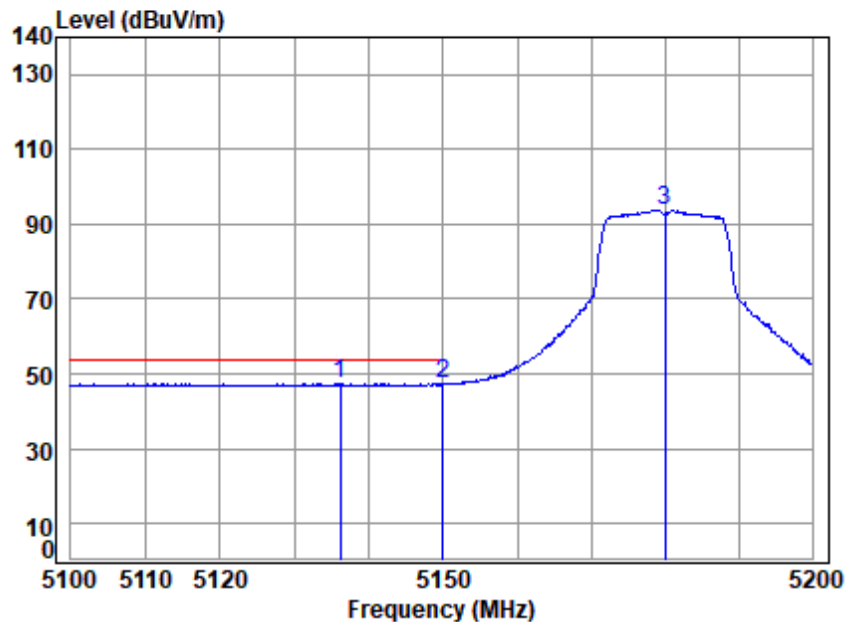


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.889	18.42	33.94	31.27	38.11	59.20	74.00	-14.80	Peak
2	5149.980	18.47	33.90	31.28	37.77	58.86	74.00	-15.14	Peak
3 p	5180.000	18.56	33.96	31.30	81.36	102.58	68.20	34.38	Peak



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

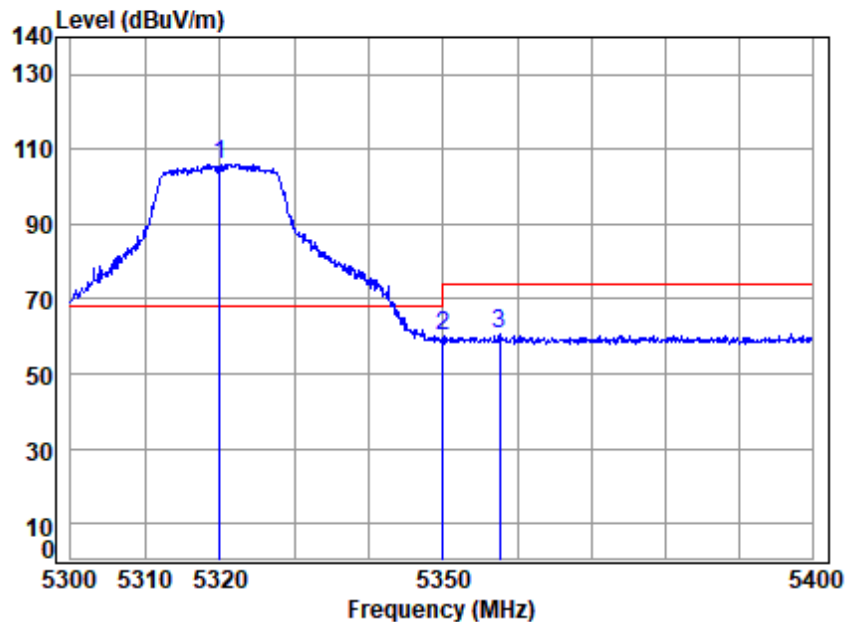


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.076	18.43	33.93	31.27	26.38	47.47	54.00	-6.53 Average
2 q	5149.980	18.47	33.90	31.28	26.43	47.52	54.00	-6.48 Average
3	5180.000	18.56	33.96	31.30	72.56	93.78	-----	----- Average



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

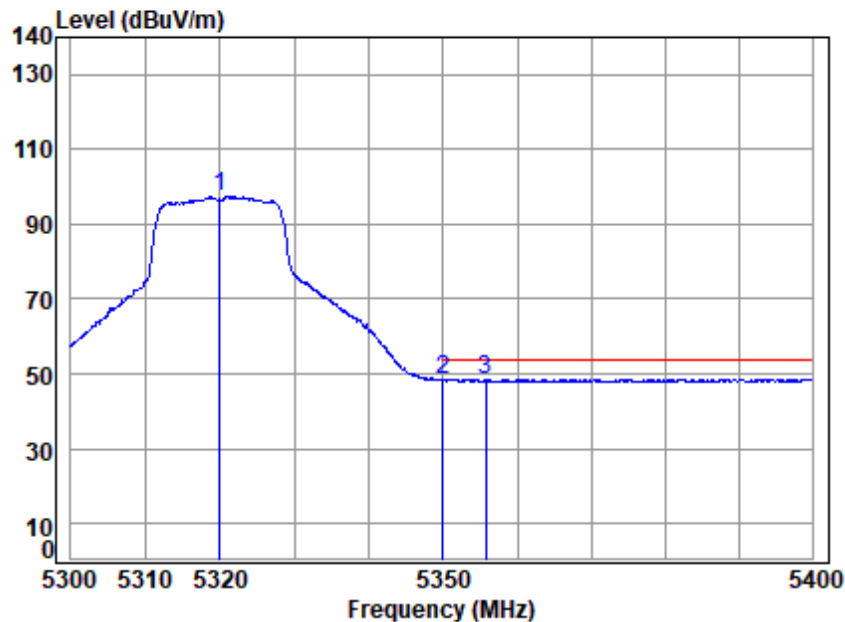


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	84.24	106.09	68.20	37.89	peak
2 5350.020	19.03	34.40	31.39	38.02	60.06	74.00	-13.94	peak
3 5357.572	19.05	34.43	31.39	38.73	60.82	74.00	-13.18	peak



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

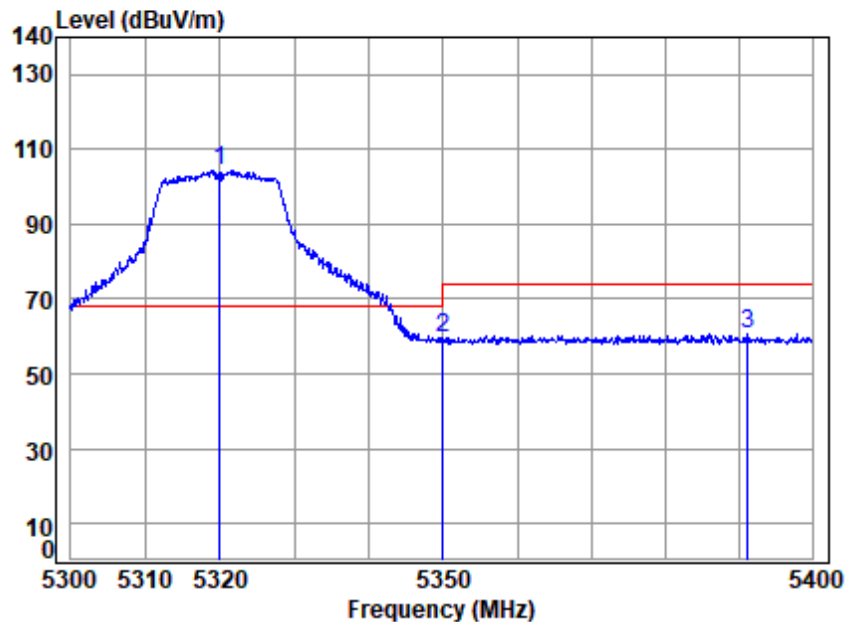


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	18.94	34.28	31.37	75.48	97.33	-----	-----	Average
2 5350.020	19.03	34.40	31.39	26.53	48.57	54.00	-5.43	Average
3 q 5355.770	19.04	34.42	31.39	26.61	48.68	54.00	-5.32	Average



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

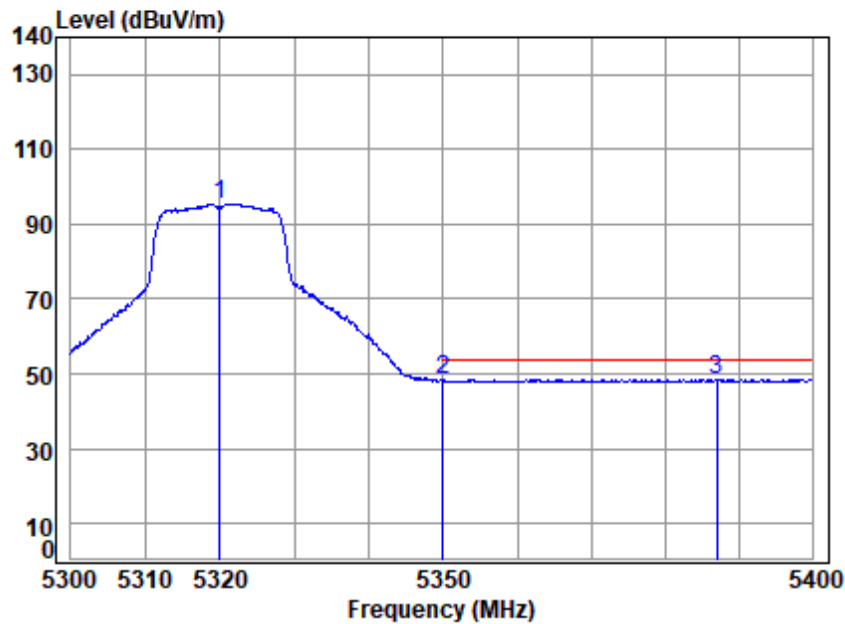


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	82.34	104.19	68.20	35.99	Peak
2 5350.020	19.03	34.40	31.39	37.41	59.45	74.00	-14.55	Peak
3 5391.226	19.14	34.56	31.41	38.36	60.65	74.00	-13.35	Peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11A

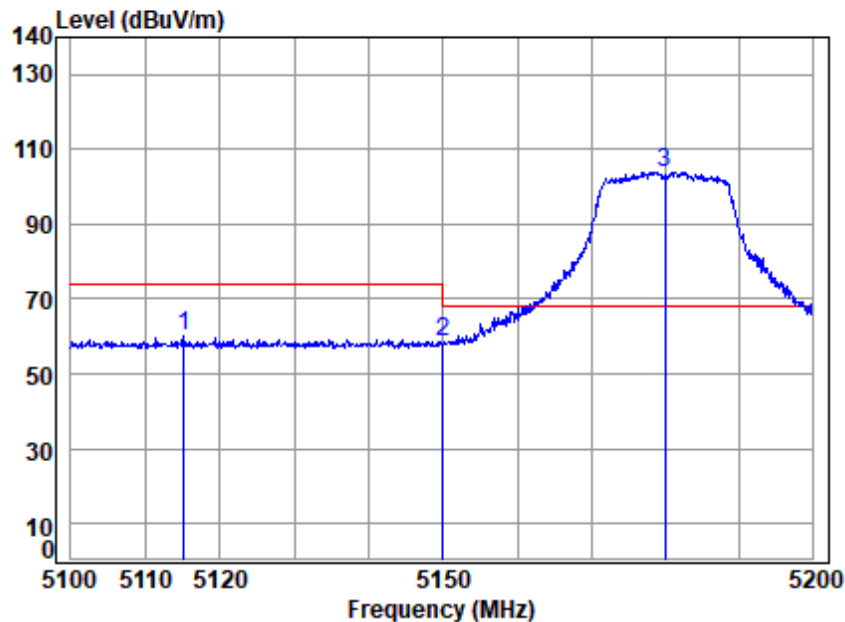
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	18.94	34.28	31.37	73.63	95.48	-----	----- Average
2	5350.020	19.03	34.40	31.39	26.27	48.31	54.00	-5.69 Average
3 q	5386.995	19.13	34.55	31.40	26.41	48.69	54.00	-5.31 Average



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

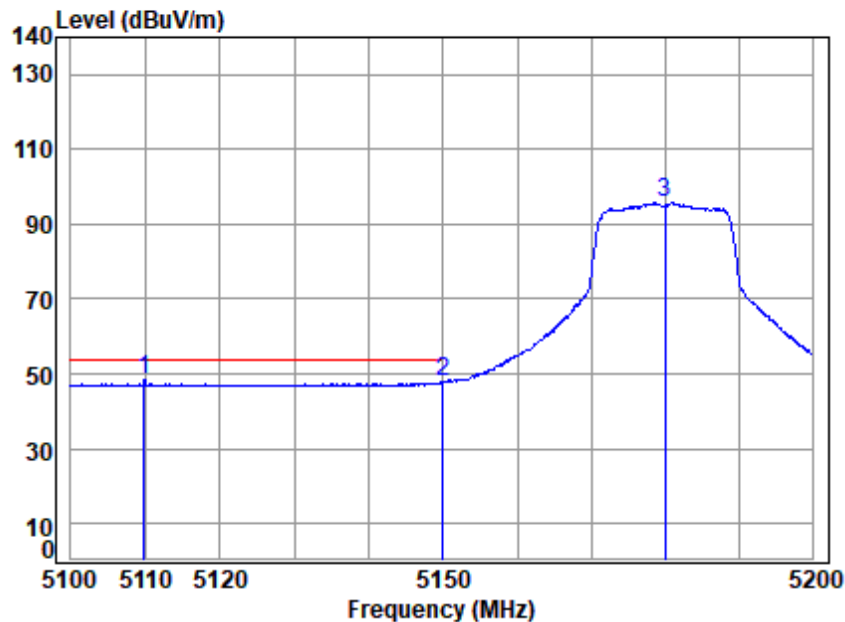


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5115.174	18.37	33.97	31.26	39.02	60.10	74.00	-13.90	peak
2	5149.980	18.47	33.90	31.28	37.53	58.62	74.00	-15.38	peak
3 p	5180.000	18.56	33.96	31.30	82.78	104.00	68.20	35.80	peak



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

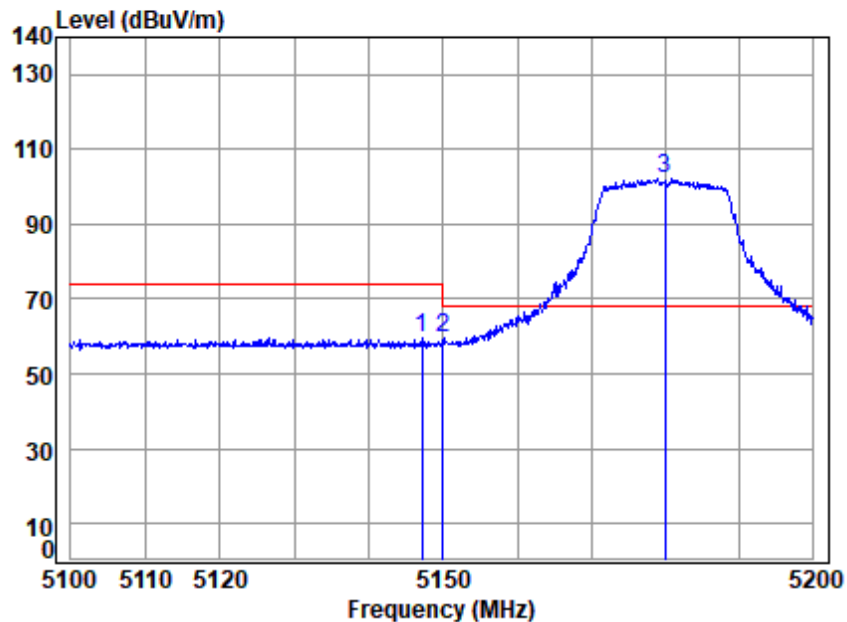


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5109.813	18.36	33.98	31.26	27.41	48.49	54.00	-5.51	Average
2 5149.980	18.47	33.90	31.28	27.06	48.15	54.00	-5.85	Average
3 5180.000	18.56	33.96	31.30	74.63	95.85	-----	-----	Average



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

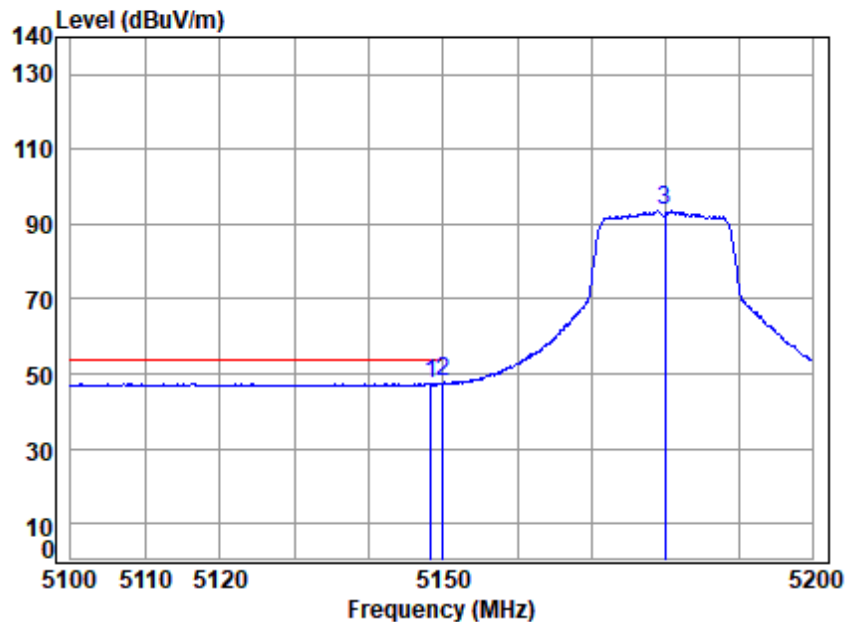


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.158	18.46	33.91	31.28	38.31	59.40	74.00	-14.60	Peak
2	5149.980	18.47	33.90	31.28	38.67	59.76	74.00	-14.24	Peak
3 p	5180.000	18.56	33.96	31.30	81.00	102.22	68.20	34.02	Peak



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

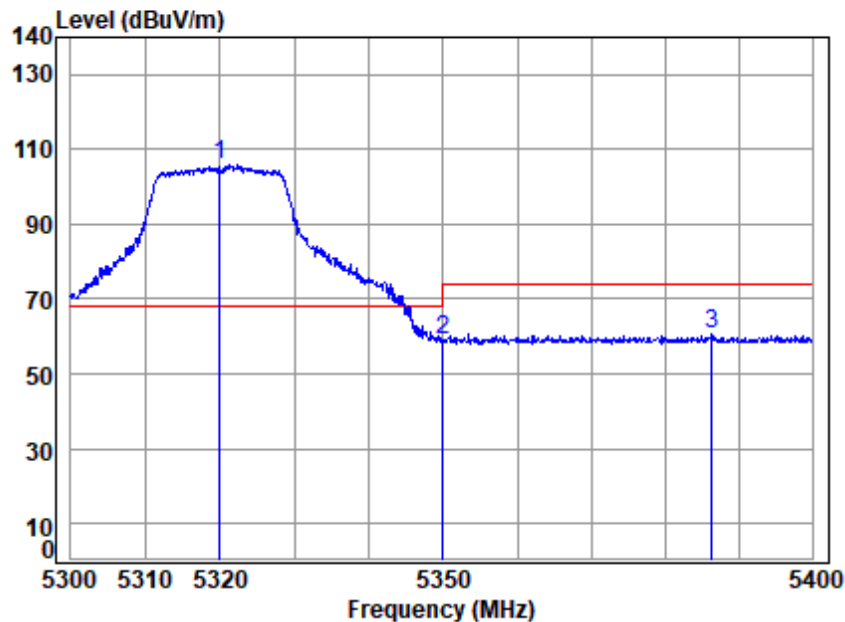


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.357	18.47	33.90	31.28	26.41	47.50	54.00	-6.50 Average
2 q	5149.980	18.47	33.90	31.28	26.57	47.66	54.00	-6.34 Average
3	5180.000	18.56	33.96	31.30	72.33	93.55	-----	----- Average



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

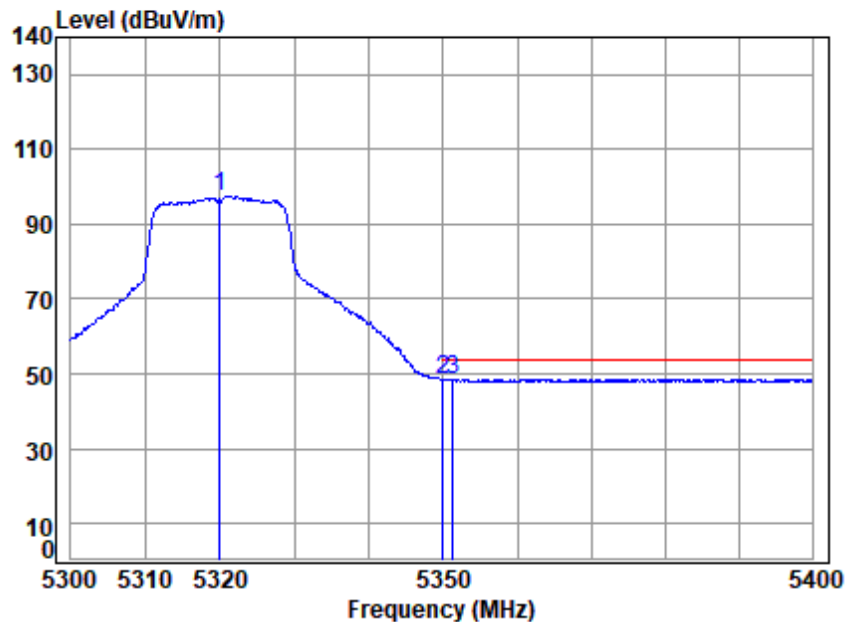


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	83.92	105.77	68.20	37.57	peak
2 5350.020	19.03	34.40	31.39	36.94	58.98	74.00	-15.02	peak
3 5386.391	19.13	34.55	31.40	38.55	60.83	74.00	-13.17	peak



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

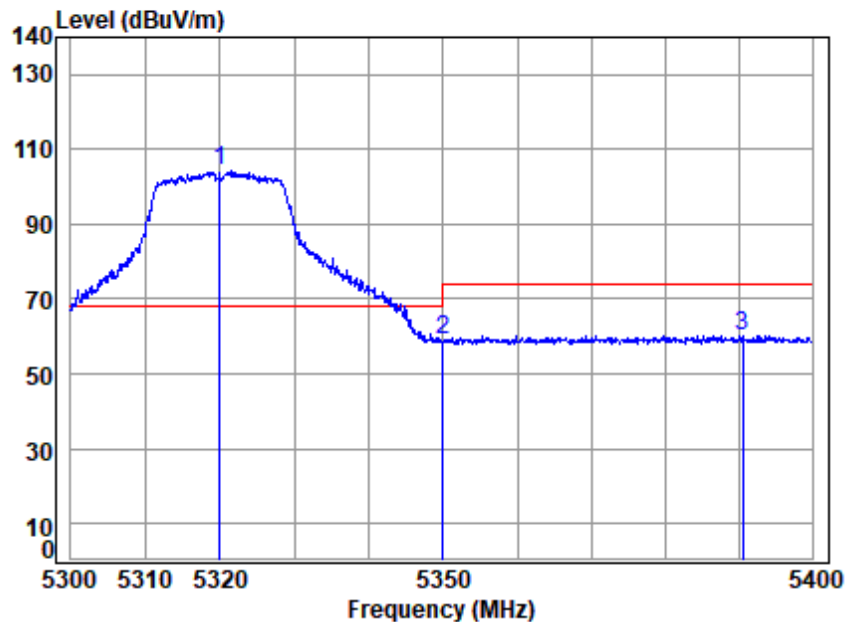


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	18.94	34.28	31.37	75.72	97.57	-----	-----	Average
2 5350.020	19.03	34.40	31.39	26.54	48.58	54.00	-5.42	Average
3 q 5351.267	19.03	34.41	31.39	26.60	48.65	54.00	-5.35	Average



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

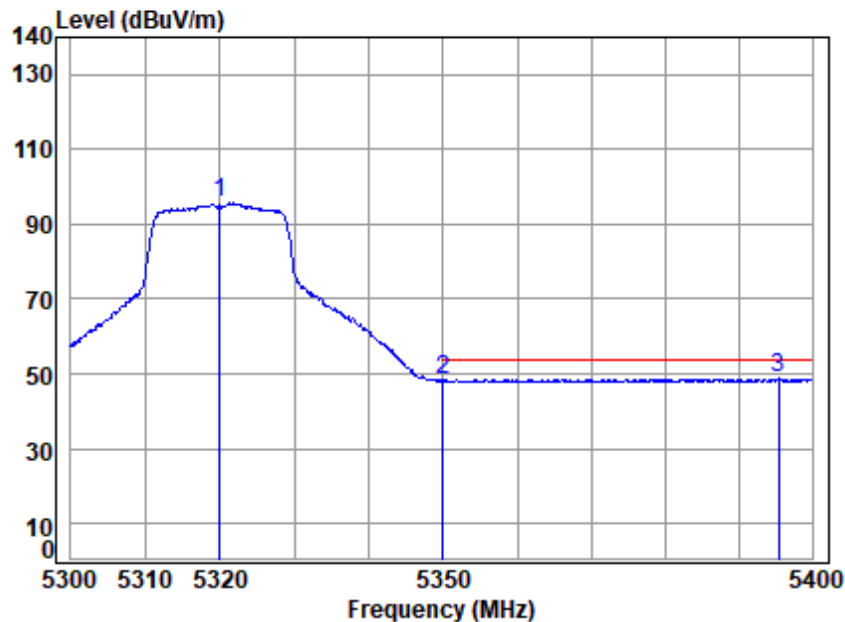


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	82.27	104.12	68.20	35.92	Peak
2 5350.020	19.03	34.40	31.39	37.16	59.20	74.00	-14.80	Peak
3 5390.520	19.14	34.56	31.41	38.06	60.35	74.00	-13.65	Peak



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

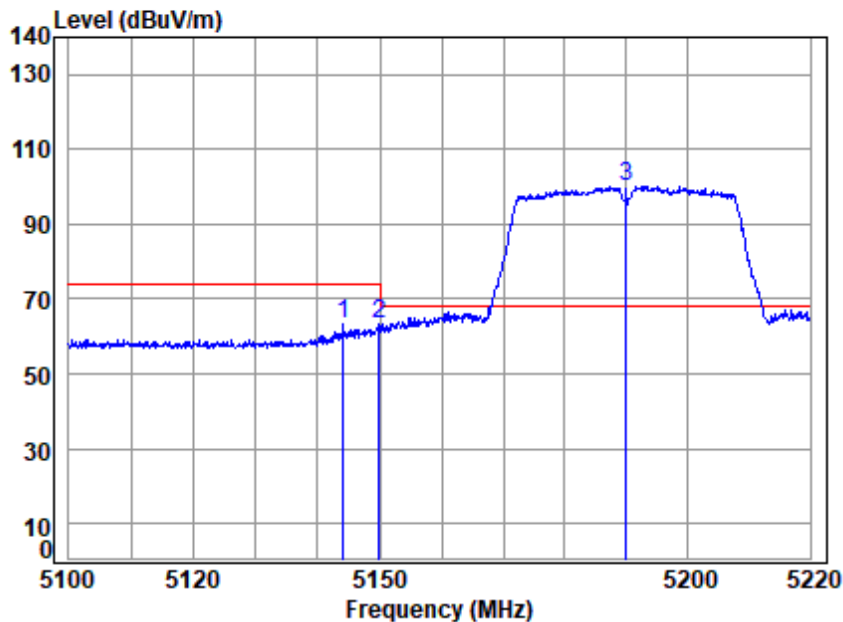


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	18.94	34.28	31.37	73.77	95.62	-----	-----	Average
2 5350.020	19.03	34.40	31.39	26.25	48.29	54.00	-5.71	Average
3 q 5395.460	19.15	34.58	31.41	26.44	48.76	54.00	-5.24	Average



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

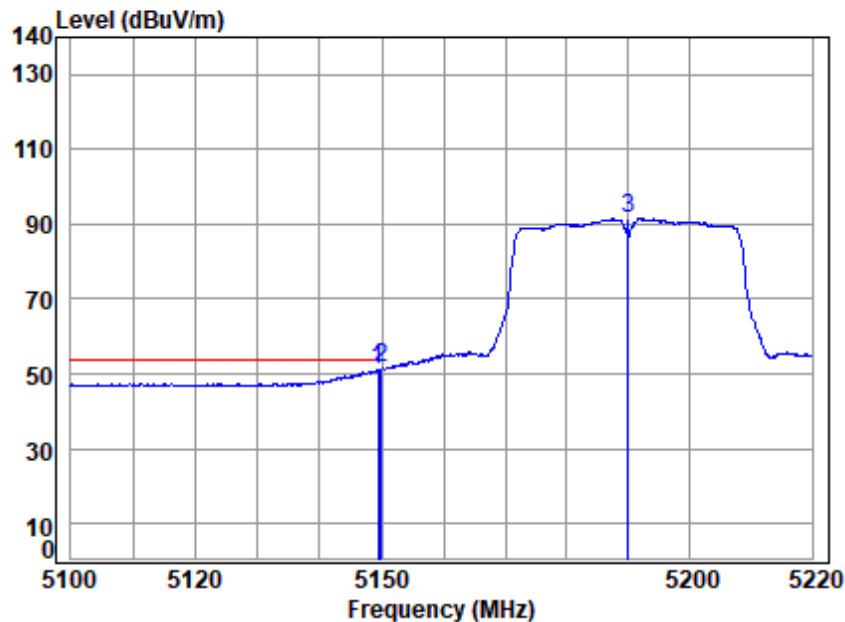


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.075	18.45	33.91	31.28	42.20	63.28	74.00	-10.72 peak
2	5149.980	18.47	33.90	31.28	42.35	63.44	74.00	-10.56 peak
3 p	5190.000	18.58	33.98	31.30	78.91	100.17	68.20	31.97 peak



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

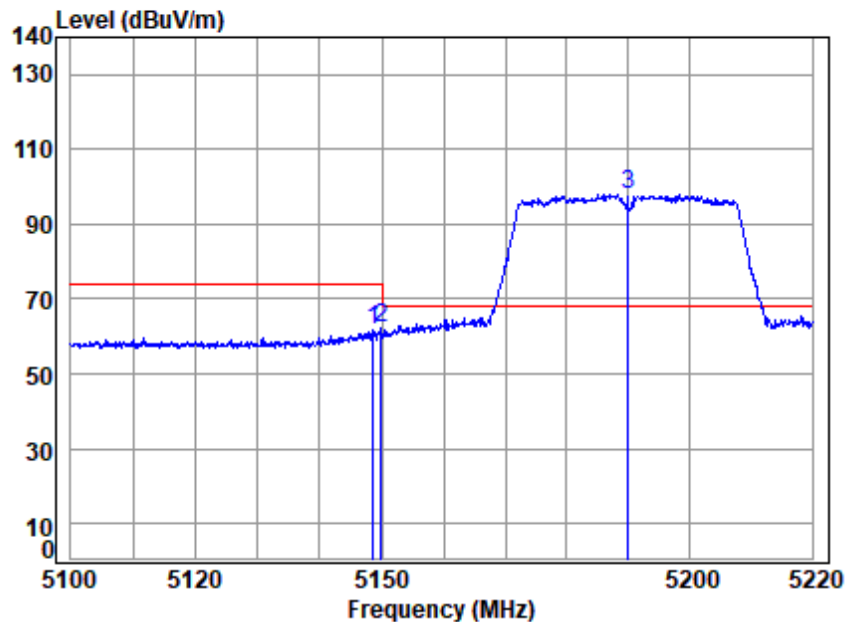


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.461	18.47	33.90	31.28	30.20	51.29	54.00	-2.71 Average
2 q	5149.980	18.47	33.90	31.28	30.56	51.65	54.00	-2.35 Average
3	5190.000	18.58	33.98	31.30	70.30	91.56	-----	----- Average



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

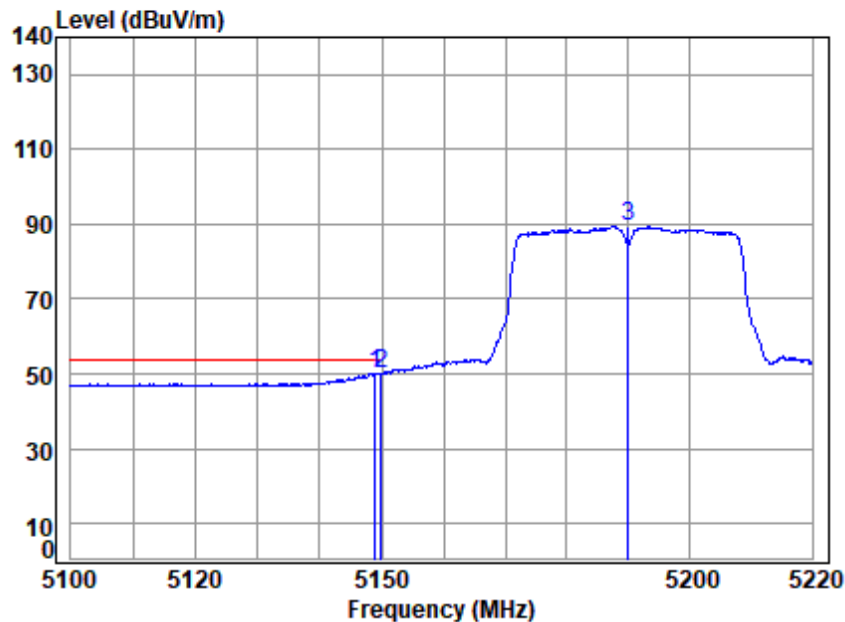


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.623	18.47	33.90	31.28	40.42	61.51	74.00	-12.49 Peak
2	5149.980	18.47	33.90	31.28	41.40	62.49	74.00	-11.51 Peak
3 p	5190.000	18.58	33.98	31.30	76.72	97.98	68.20	29.78 Peak



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

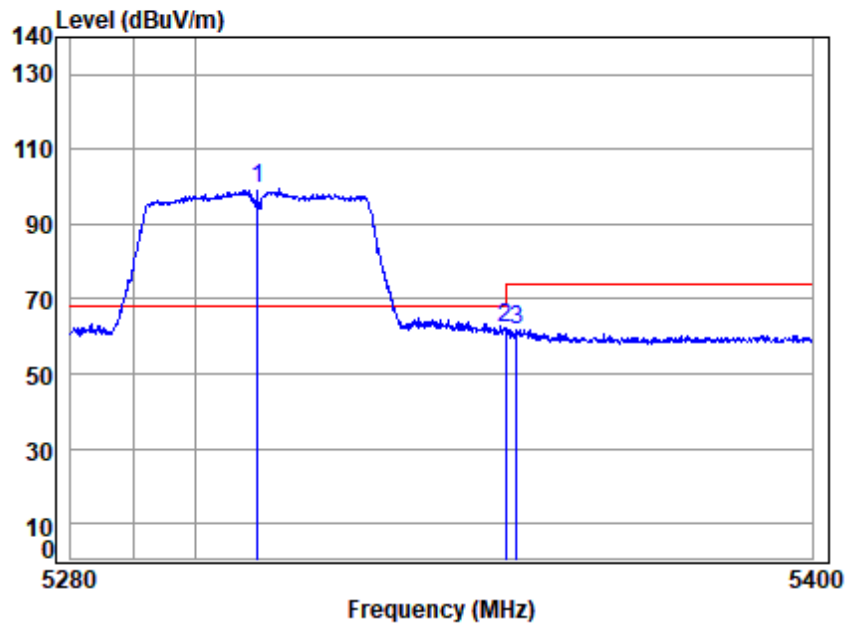


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5148.863	18.47	33.90	31.28	29.06	50.15	54.00	-3.85	Average
2 5149.980	18.47	33.90	31.28	28.85	49.94	54.00	-4.06	Average
3 5190.000	18.58	33.98	31.30	68.19	89.45	-----	-----	Average



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

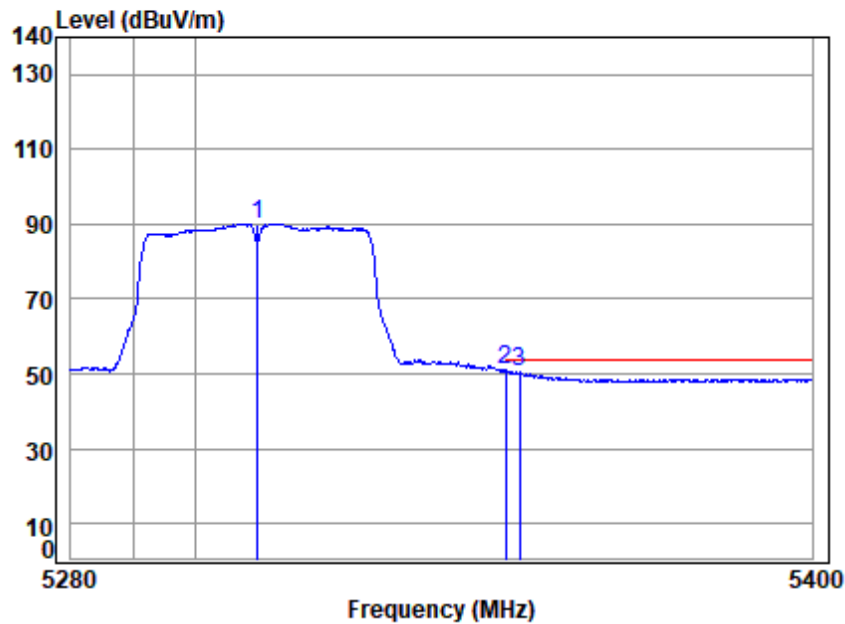


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5310.000	18.92	34.24	31.36	77.49	99.29	68.20	31.09	peak
2 5350.020	19.03	34.40	31.39	40.29	62.33	74.00	-11.67	peak
3 5351.796	19.03	34.41	31.39	39.76	61.81	74.00	-12.19	peak



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

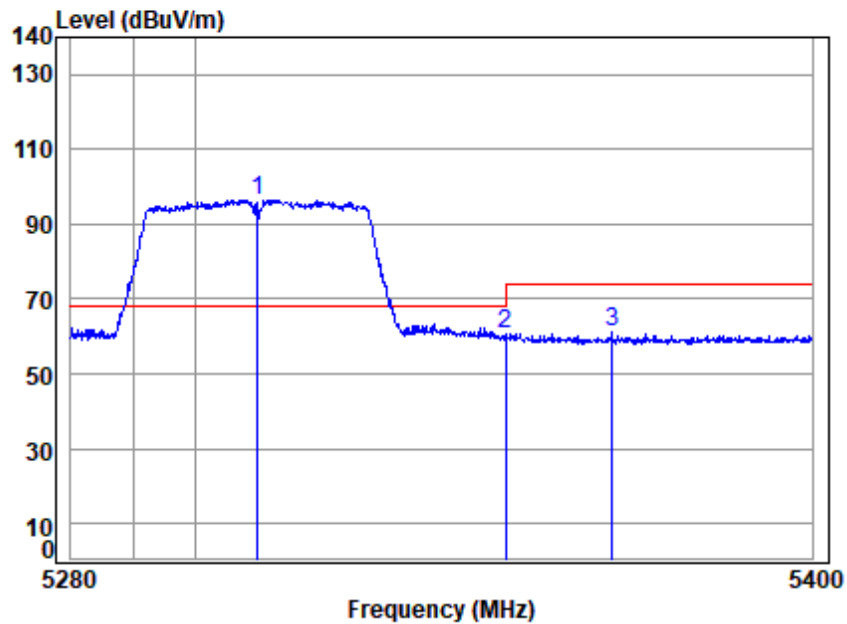


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	18.92	34.24	31.36	68.39	90.19	-----	Average
2 q	5350.020	19.03	34.40	31.39	28.95	50.99	54.00	-3.01 Average
3	5352.277	19.03	34.41	31.39	28.73	50.78	54.00	-3.22 Average



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

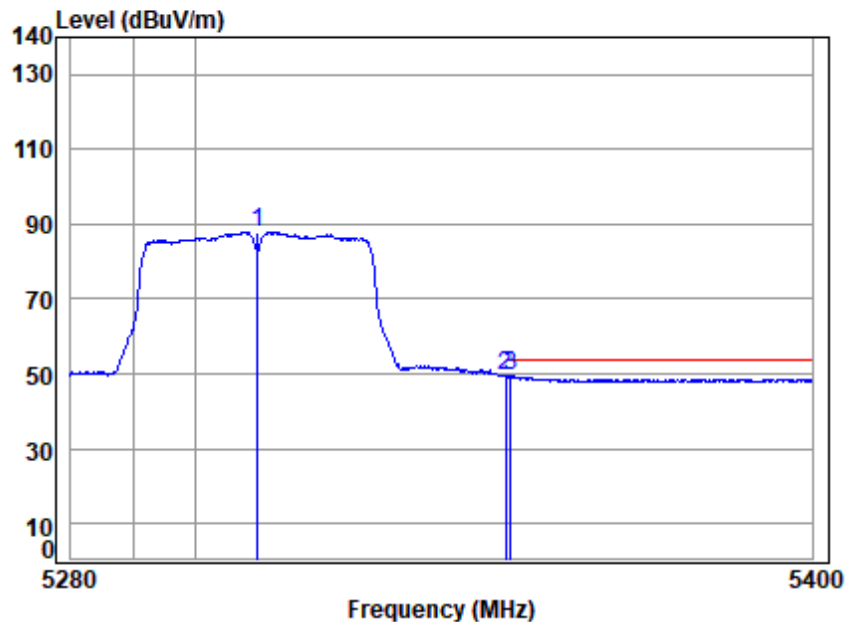


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5310.000	18.92	34.24	31.36	74.77	96.57	68.20	28.37	Peak
2 5350.020	19.03	34.40	31.39	38.75	60.79	74.00	-13.21	Peak
3 5367.334	19.07	34.47	31.39	39.01	61.16	74.00	-12.84	Peak



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

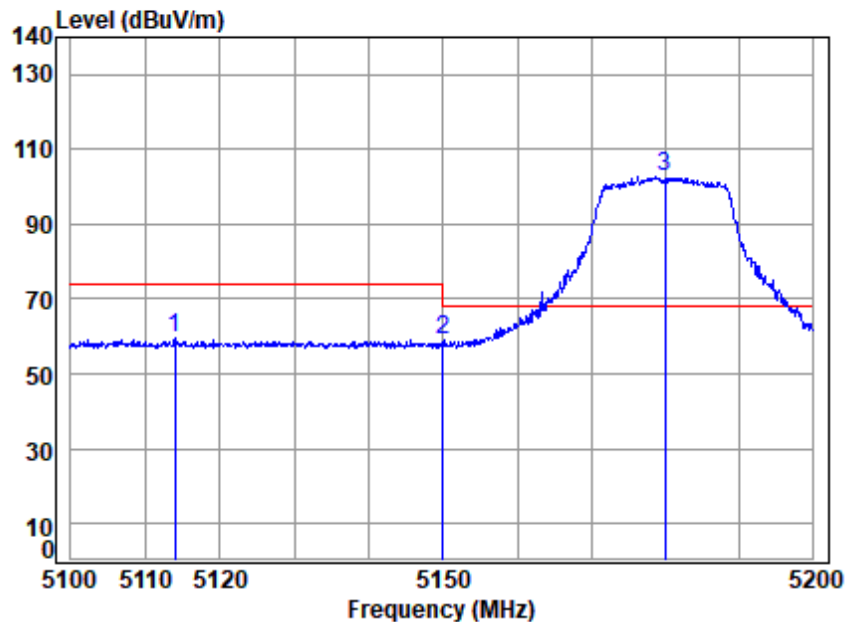


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5310.000	18.92	34.24	31.36	66.04	87.84	-----	-----	Average
2 q 5350.020	19.03	34.40	31.39	27.59	49.63	54.00	-4.37	Average
3 5350.955	19.03	34.40	31.39	27.54	49.58	54.00	-4.42	Average



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

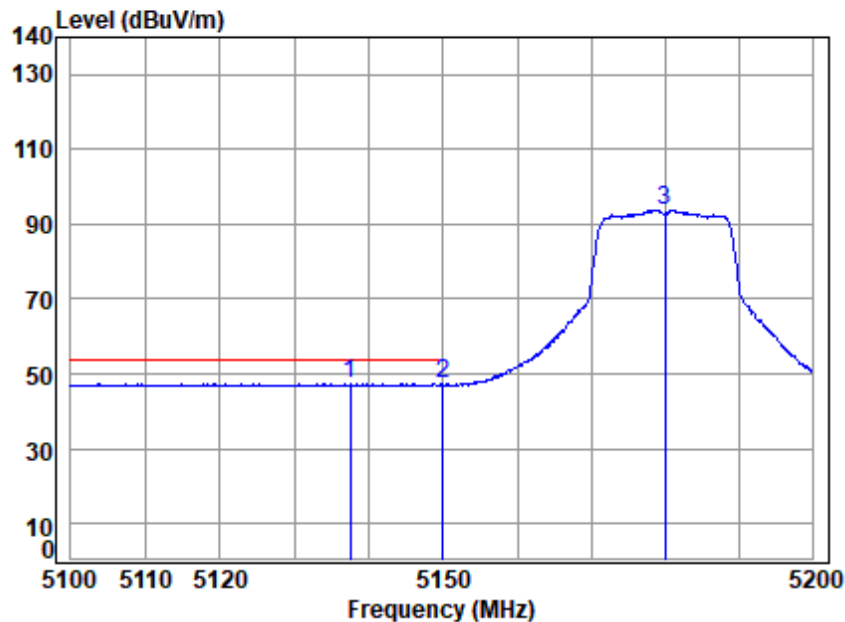


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5113.883	18.37	33.97	31.26	38.65	59.73	74.00	-14.27	peak
2	5149.980	18.47	33.90	31.28	37.73	58.82	74.00	-15.18	peak
3 p	5180.000	18.56	33.96	31.30	81.34	102.56	68.20	34.36	peak



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

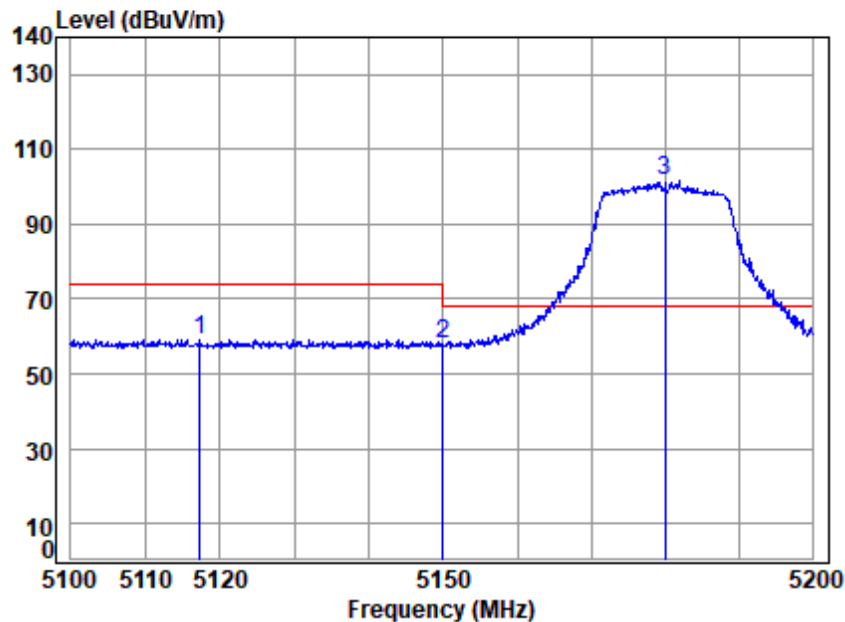


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5137.472	18.44	33.93	31.27	26.32	47.42	54.00	-6.58	Average
2 5149.980	18.47	33.90	31.28	26.26	47.35	54.00	-6.65	Average
3 5180.000	18.56	33.96	31.30	72.67	93.89	-----	-----	Average



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

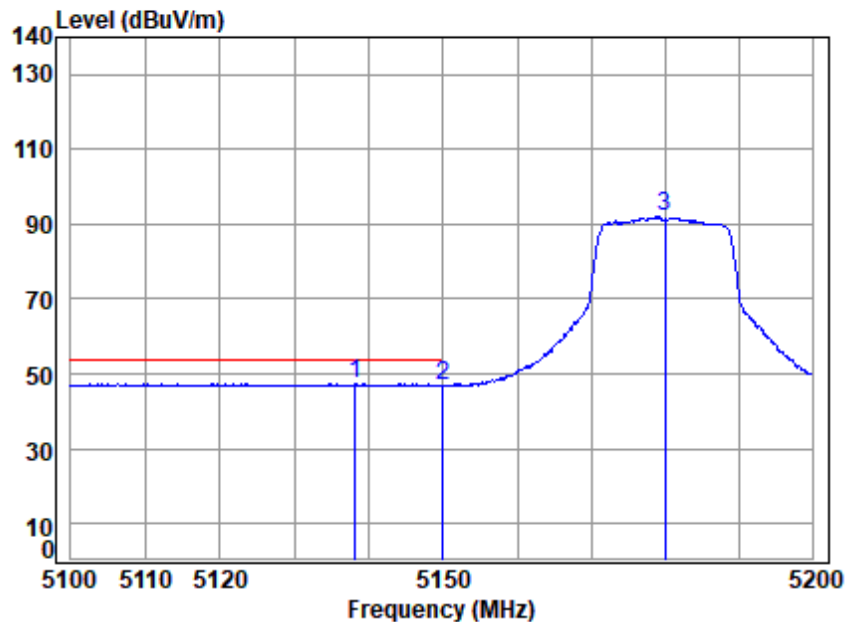


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5117.261	18.38	33.97	31.26	38.26	59.35	74.00	-14.65	Peak
2	5149.980	18.47	33.90	31.28	36.90	57.99	74.00	-16.01	Peak
3 p	5180.000	18.56	33.96	31.30	80.24	101.46	68.20	33.26	Peak



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

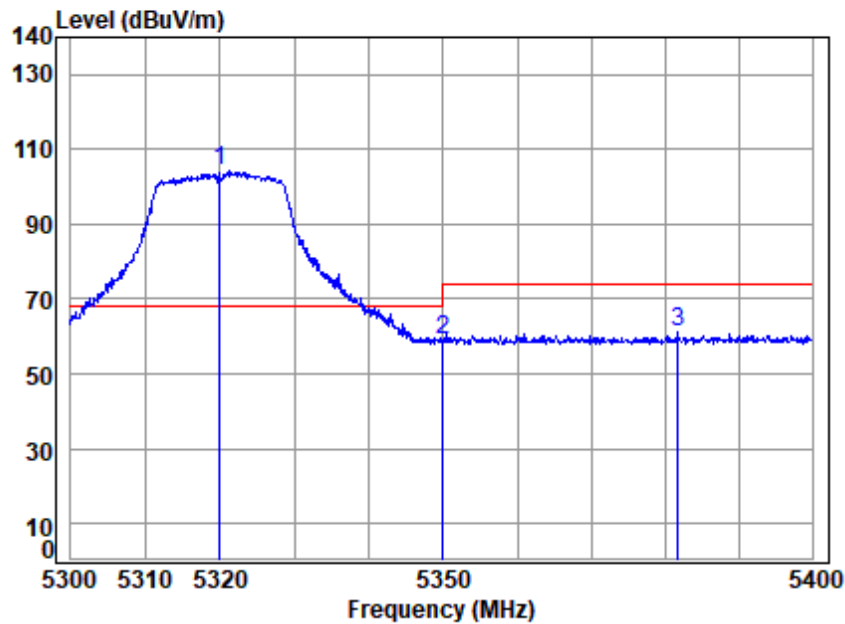


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5138.170	18.44	33.92	31.27	26.28	47.37	54.00	-6.63	Average
2 5149.980	18.47	33.90	31.28	25.85	46.94	54.00	-7.06	Average
3 5180.000	18.56	33.96	31.30	70.90	92.12	-----	-----	Average



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

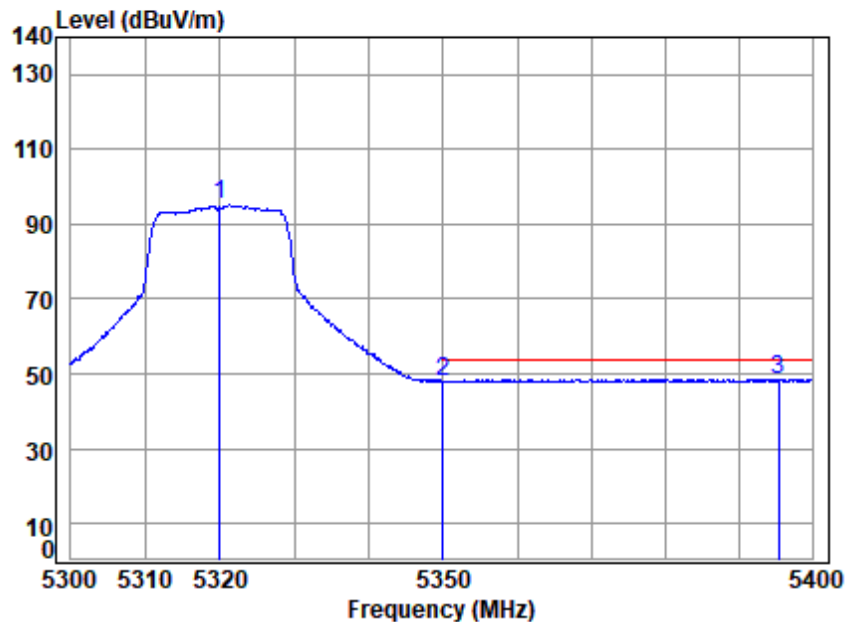


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	82.27	104.12	68.20	35.92	peak
2 5350.020	19.03	34.40	31.39	36.86	58.90	74.00	-15.10	peak
3 5381.761	19.11	34.53	31.40	38.86	61.10	74.00	-12.90	peak



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

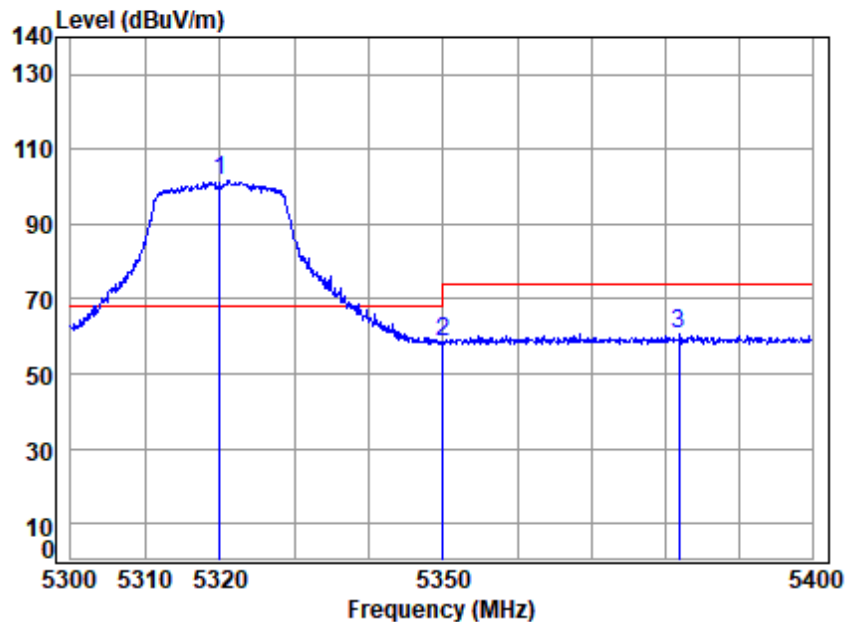


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5320.000	18.94	34.28	31.37	73.43	95.28	-----	-----	Average
2 5350.020	19.03	34.40	31.39	26.06	48.10	54.00	-5.90	Average
3 q 5395.460	19.15	34.58	31.41	26.36	48.68	54.00	-5.32	Average



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

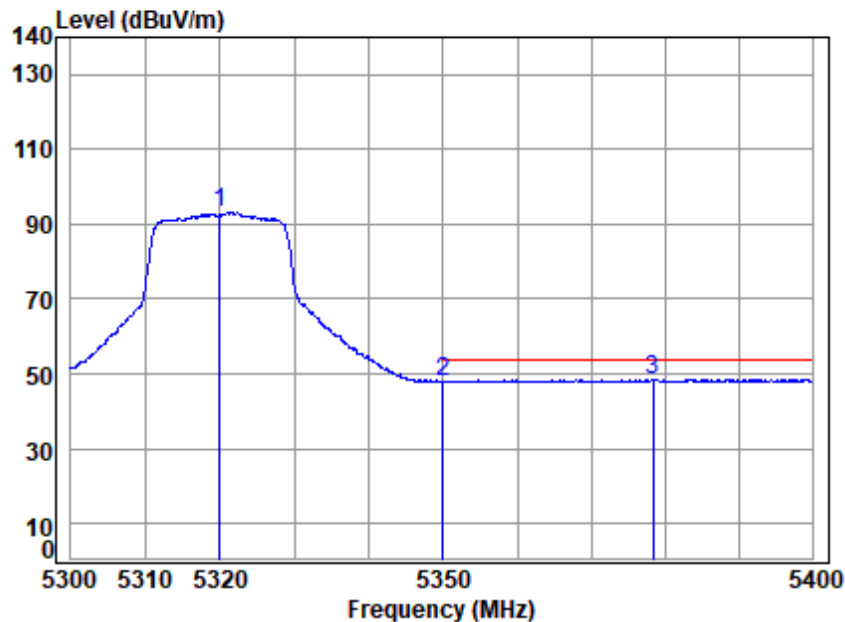


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5320.000	18.94	34.28	31.37	80.04	101.89	68.20	33.69	Peak
2 5350.020	19.03	34.40	31.39	36.50	58.54	74.00	-15.46	Peak
3 5381.962	19.11	34.53	31.40	38.57	60.81	74.00	-13.19	Peak



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

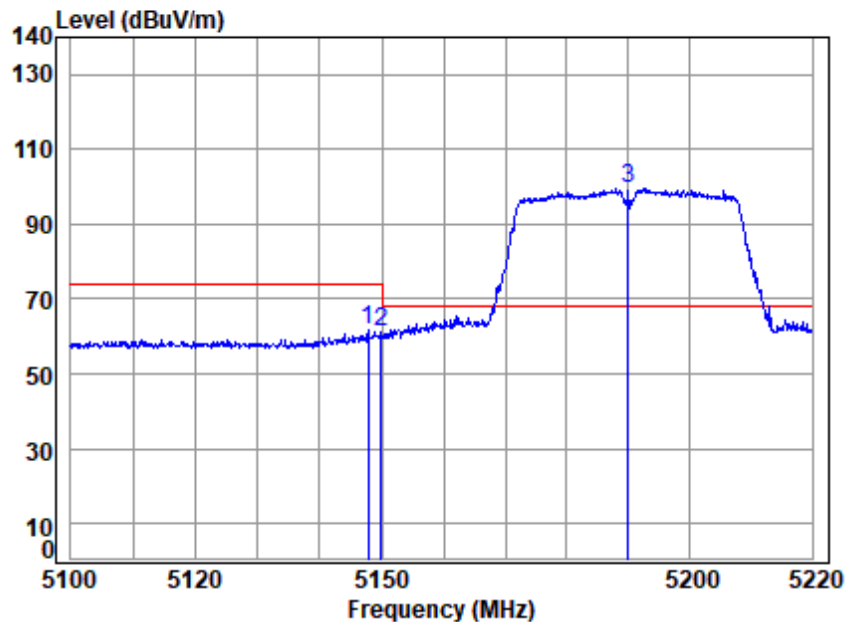


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	18.94	34.28	31.37	71.28	93.13	-----	----- Average
2	5350.020	19.03	34.40	31.39	26.02	48.06	54.00	-5.94 Average
3 q	5378.342	19.10	34.51	31.40	26.31	48.52	54.00	-5.48 Average



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

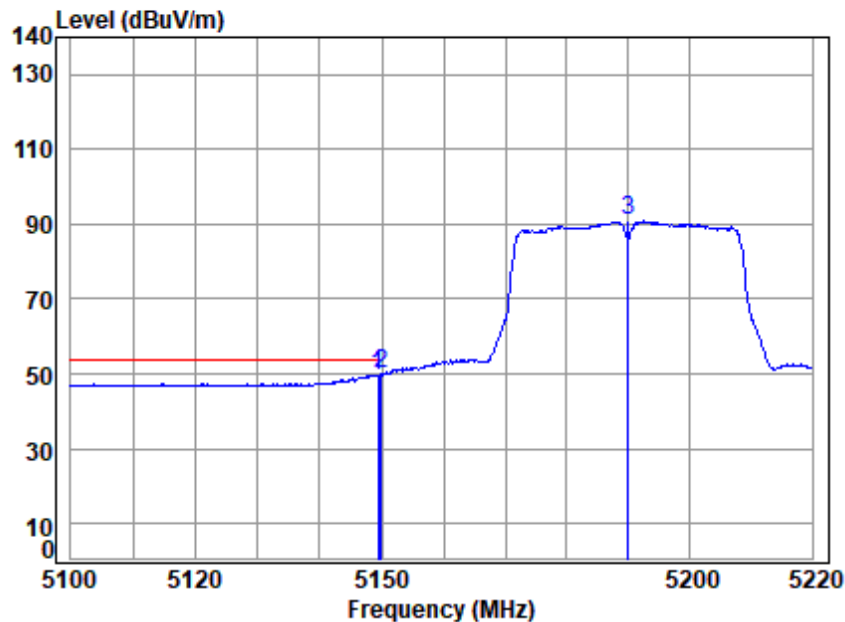


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.785	18.46	33.90	31.28	40.50	61.58	74.00	-12.42 peak
2	5149.980	18.47	33.90	31.28	40.07	61.16	74.00	-12.84 peak
3 p	5190.000	18.58	33.98	31.30	78.46	99.72	68.20	31.52 peak



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

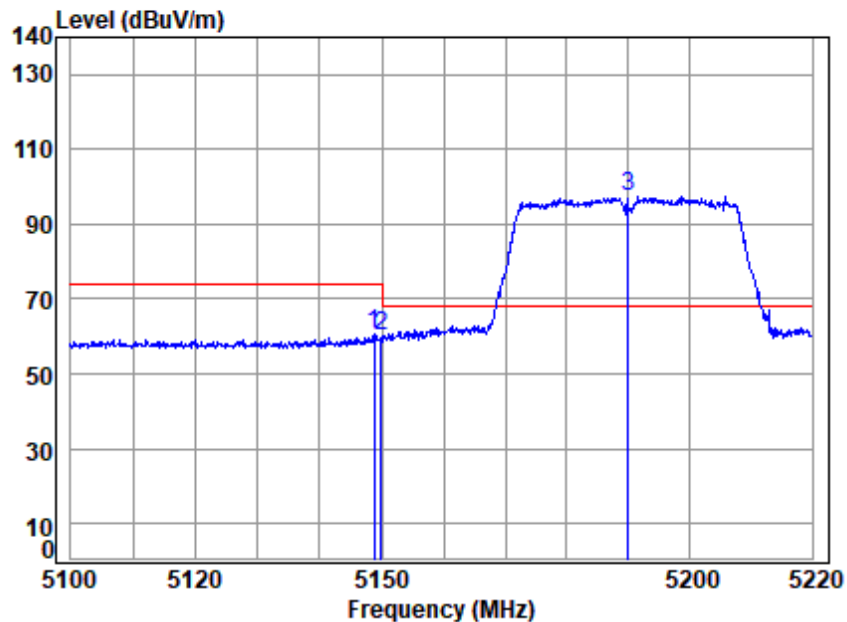


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	18.47	33.90	31.28	28.60	49.69	54.00	-4.31 Average
2 q	5149.980	18.47	33.90	31.28	28.80	49.89	54.00	-4.11 Average
3	5190.000	18.58	33.98	31.30	69.53	90.79	-----	----- Average



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

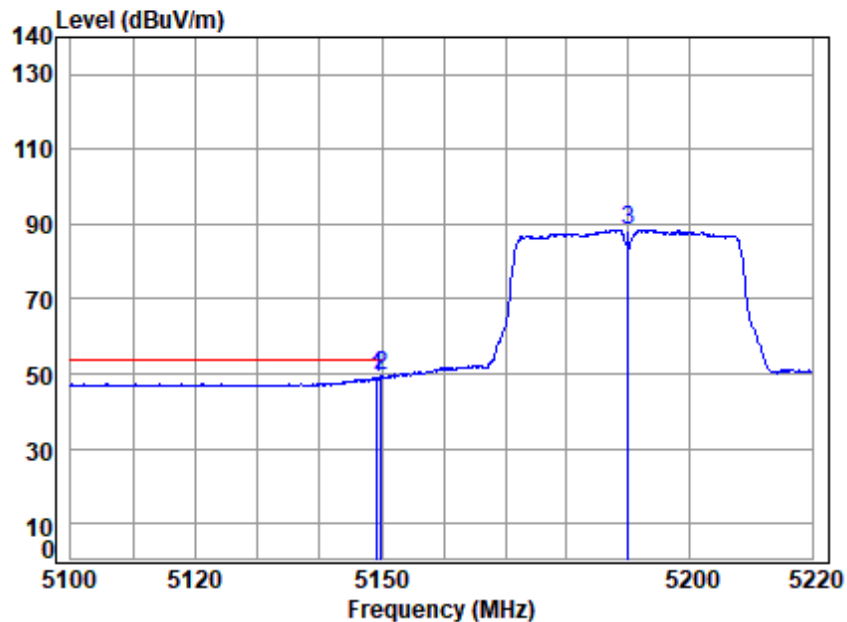


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.743	18.47	33.90	31.28	39.40	60.49	74.00	-13.51 Peak
2	5149.980	18.47	33.90	31.28	39.13	60.22	74.00	-13.78 Peak
3 p	5190.000	18.58	33.98	31.30	76.37	97.63	68.20	29.43 Peak



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

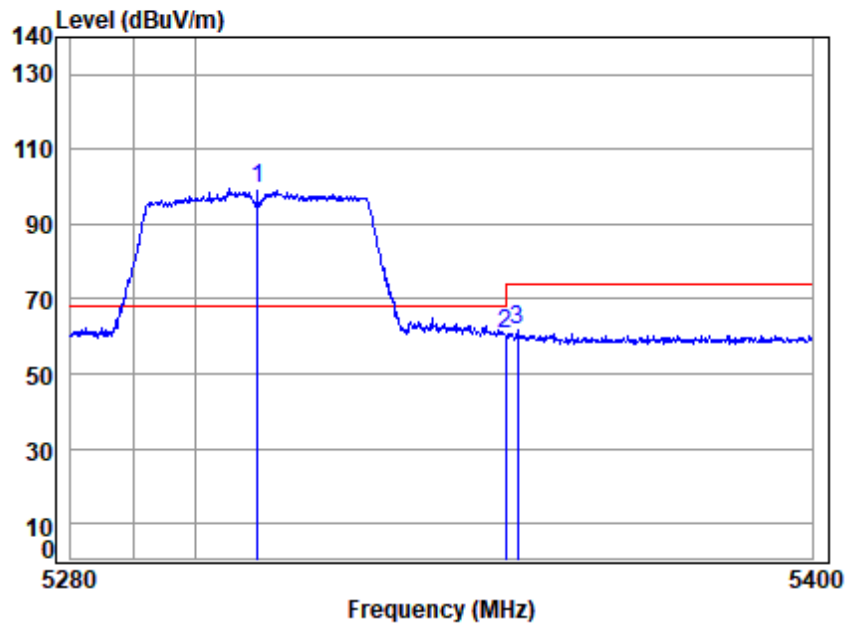


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.342	18.47	33.90	31.28	27.85	48.94	54.00	-5.06 Average
2 q	5149.980	18.47	33.90	31.28	28.43	49.52	54.00	-4.48 Average
3	5190.000	18.58	33.98	31.30	67.34	88.60	-----	----- Average



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

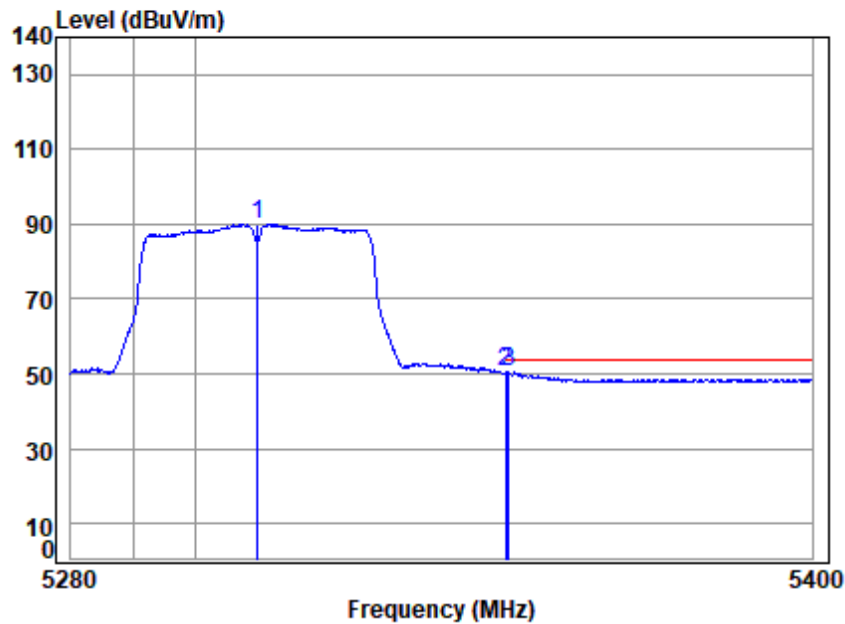


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5310.000	18.92	34.24	31.36	77.83	99.63	68.20	31.43	peak
2 5350.020	19.03	34.40	31.39	38.78	60.82	74.00	-13.18	peak
3 5352.037	19.03	34.41	31.39	39.81	61.86	74.00	-12.14	peak



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

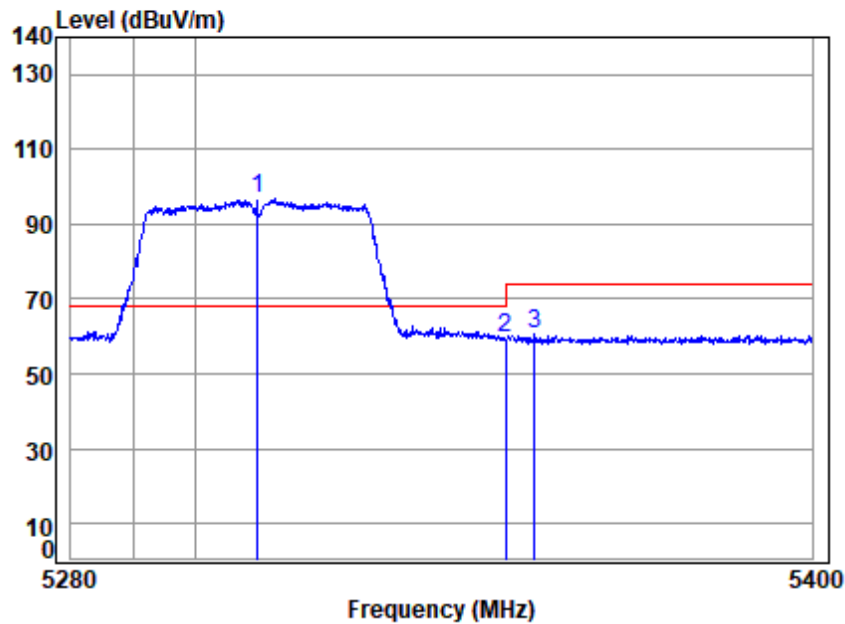


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	18.92	34.24	31.36	68.17	89.97	-----	----- Average
2	5350.020	19.03	34.40	31.39	28.31	50.35	54.00	-3.65 Average
3 q	5350.594	19.03	34.40	31.39	28.45	50.49	54.00	-3.51 Average



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

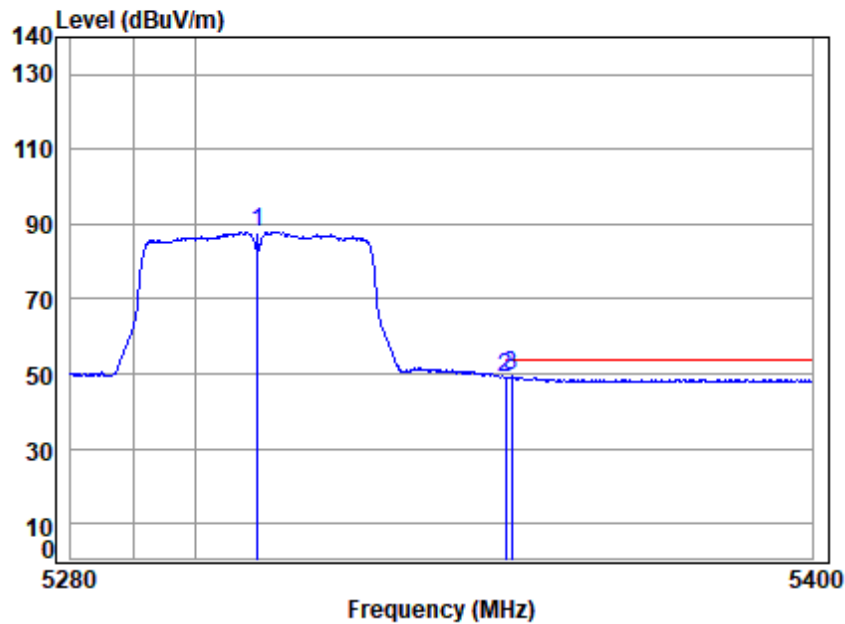


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p	5310.000	18.92	34.24	31.36	74.94	96.74	68.20	28.54 Peak
2	5350.020	19.03	34.40	31.39	37.55	59.59	74.00	-14.41 Peak
3	5354.804	19.04	34.42	31.39	38.85	60.92	74.00	-13.08 Peak



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

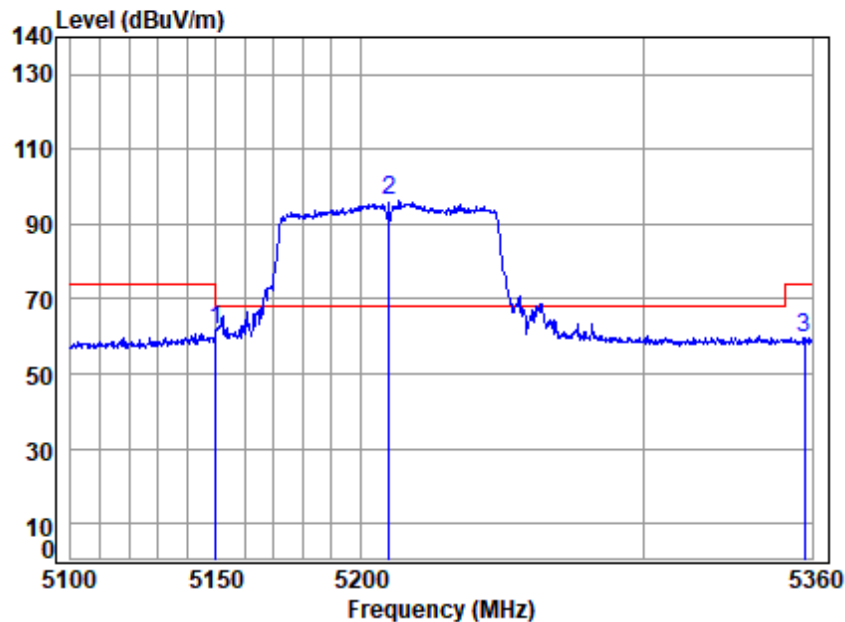


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	18.92	34.24	31.36	66.16	87.96	-----	----- Average
2	5350.020	19.03	34.40	31.39	27.18	49.22	54.00	-4.78 Average
3 q	5351.075	19.03	34.40	31.39	27.44	49.48	54.00	-4.52 Average



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

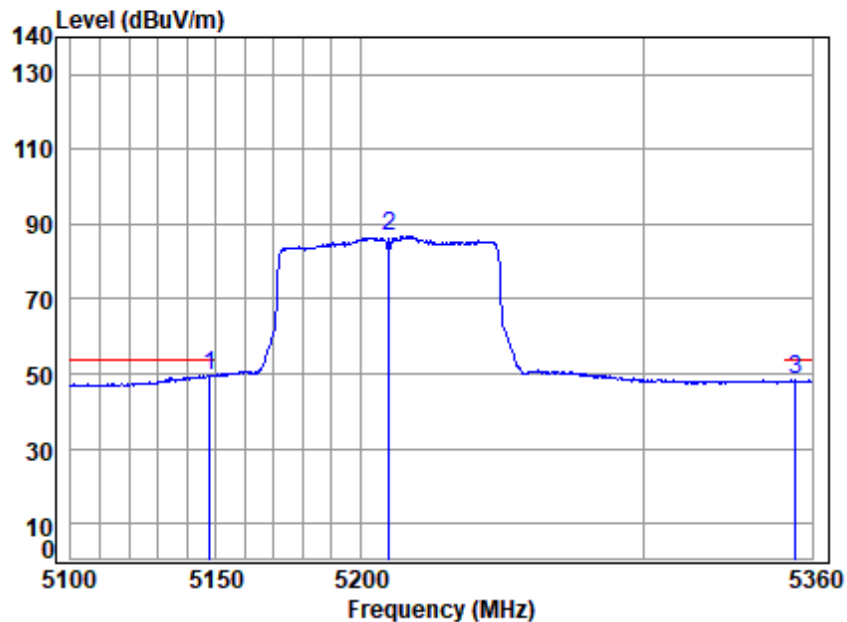


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.947	18.47	33.90	31.28	40.69	61.78	74.00	-12.22 peak
2 p	5210.000	18.64	34.02	31.31	74.81	96.16	68.20	27.96 peak
3	5357.335	19.05	34.43	31.39	37.67	59.76	74.00	-14.24 peak



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

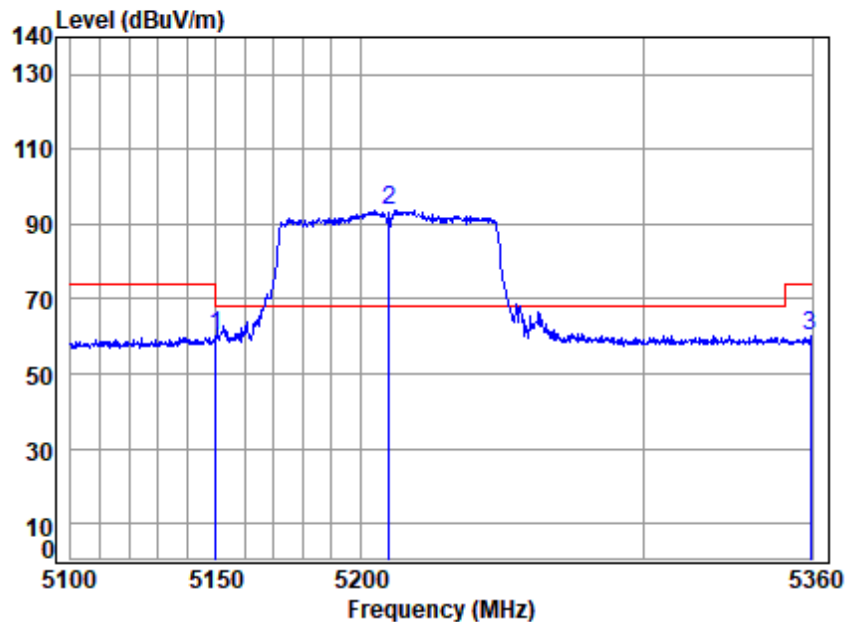


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5147.898	18.47	33.90	31.28	28.60	49.69	54.00	-4.31	Average
2 5210.000	18.64	34.02	31.31	65.34	86.69	-----	-----	Average
3 5354.140	19.04	34.42	31.39	26.23	48.30	54.00	-5.70	Average



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

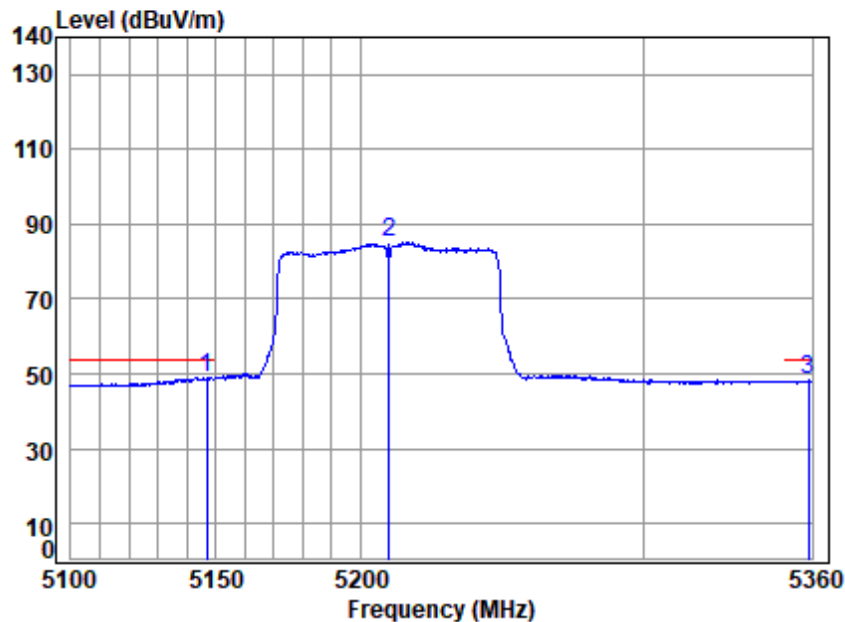


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.947	18.47	33.90	31.28	39.14	60.23	74.00	-13.77 Peak
2 p	5210.000	18.64	34.02	31.31	72.26	93.61	68.20	25.41 Peak
3	5359.467	19.05	34.44	31.39	38.11	60.21	74.00	-13.79 Peak



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

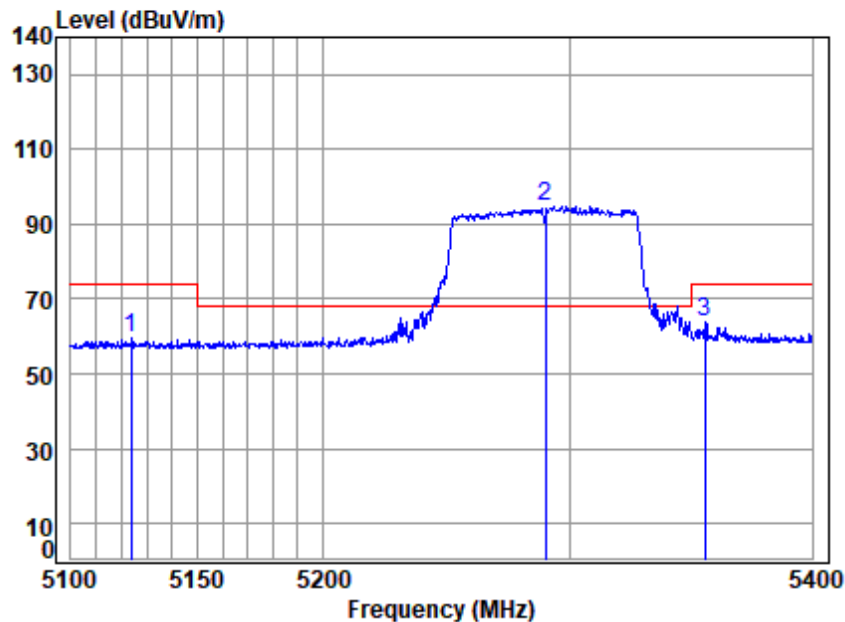


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	5146.875	18.46	33.91	31.28	28.00	49.09	54.00	-4.91 Average
2	5210.000	18.64	34.02	31.31	63.80	85.15	-----	----- Average
3	5358.667	19.05	34.43	31.39	26.17	48.26	54.00	-5.74 Average



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

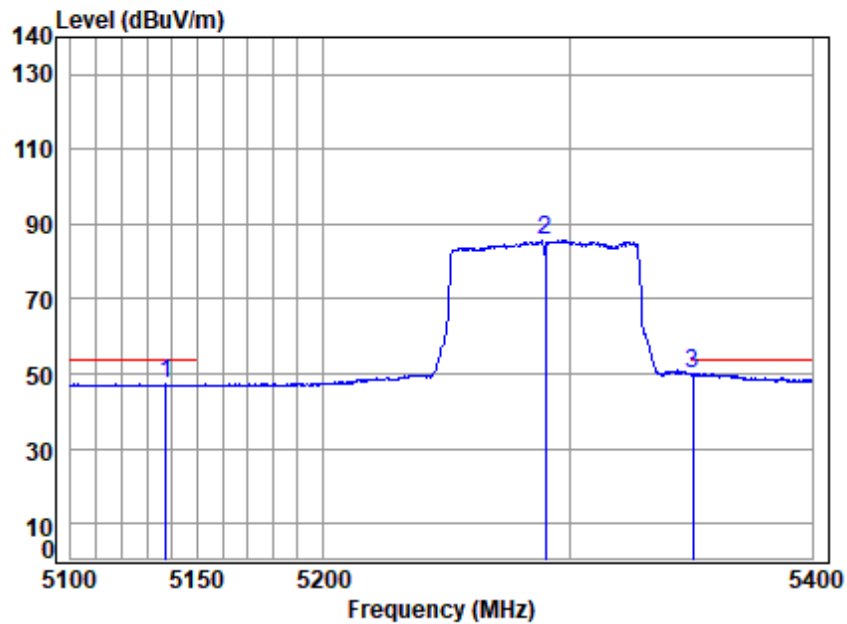


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5123.960	18.40	33.95	31.27	38.66	59.74	74.00	-14.26 peak
2 p	5290.000	18.86	34.18	31.35	73.25	94.94	68.20	26.74 peak
3	5355.430	19.04	34.42	31.39	42.05	64.12	74.00	-9.88 peak



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

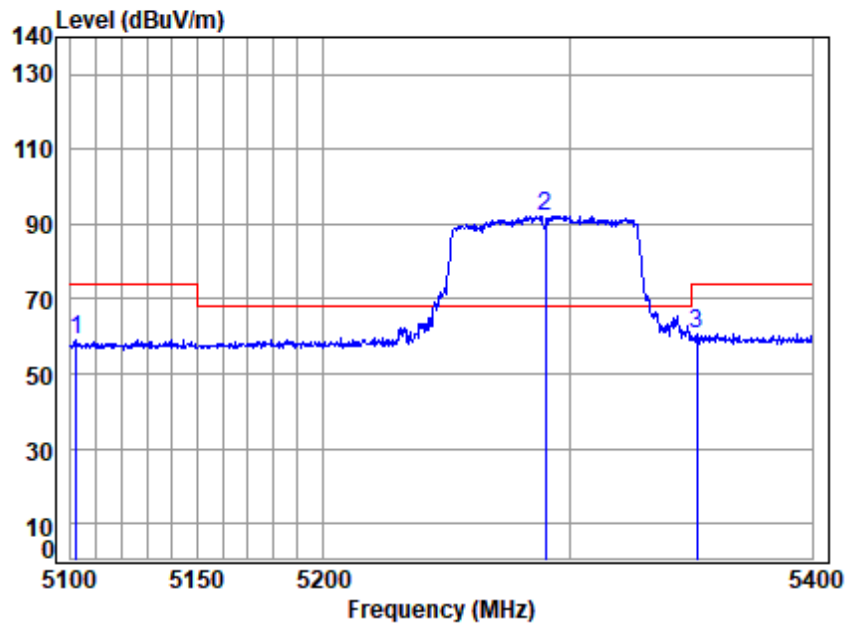


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5137.744	18.44	33.92	31.27	26.24	47.33	54.00	-6.67 Average
2	5290.000	18.86	34.18	31.35	63.87	85.56	-----	----- Average
3 q	5350.535	19.03	34.40	31.39	28.07	50.11	54.00	-3.89 Average



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

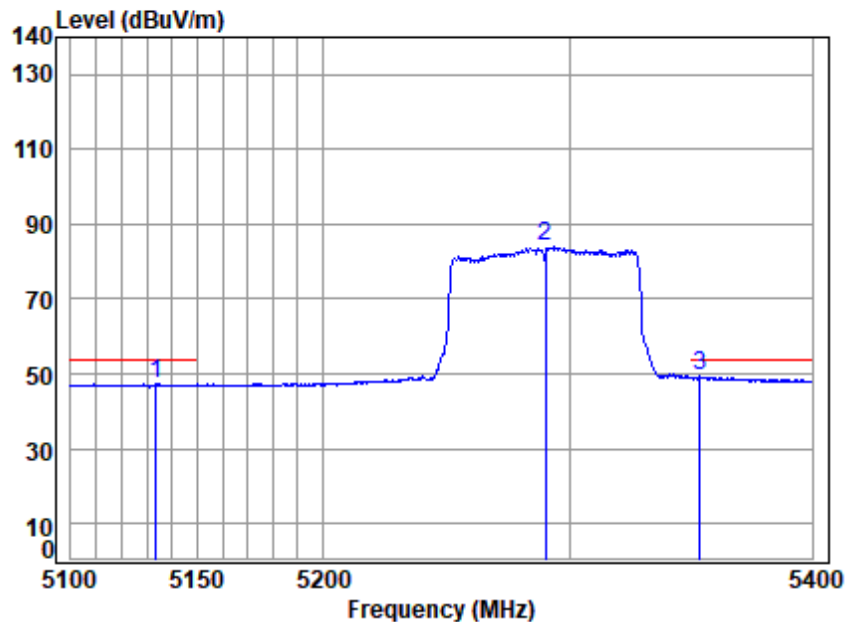


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5102.041	18.33	34.00	31.26	38.08	59.15	74.00	-14.85 Peak
2 p	5290.000	18.86	34.18	31.35	70.61	92.30	68.20	24.10 Peak
3	5352.064	19.03	34.41	31.39	38.88	60.93	74.00	-13.07 Peak



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

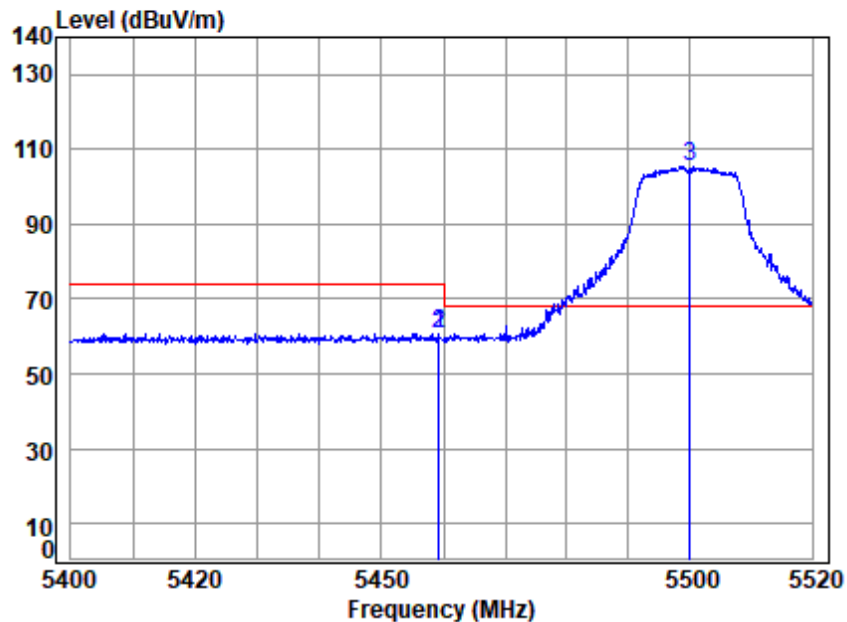


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5133.634	18.42	33.93	31.27	26.35	47.43	54.00	-6.57 Average
2	5290.000	18.86	34.18	31.35	62.16	83.85	-----	----- Average
3 q	5353.594	19.04	34.41	31.39	27.24	49.30	54.00	-4.70 Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

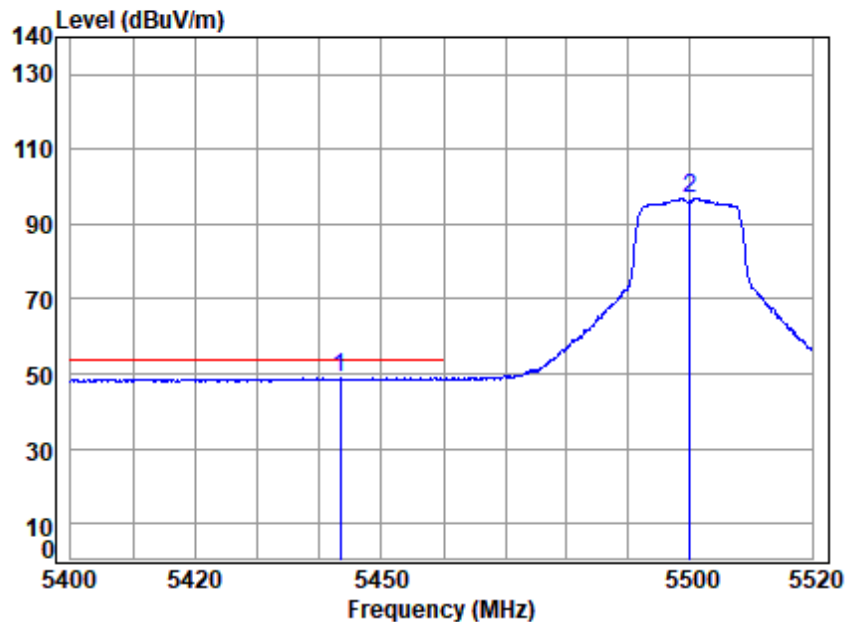


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.311	19.32	34.66	31.44	38.25	60.79	74.00	-13.21	peak
2	5459.311	19.32	34.66	31.44	38.25	60.79	74.00	-13.21	peak
3 p	5500.000	19.43	34.50	31.46	83.00	105.47	68.20	37.27	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

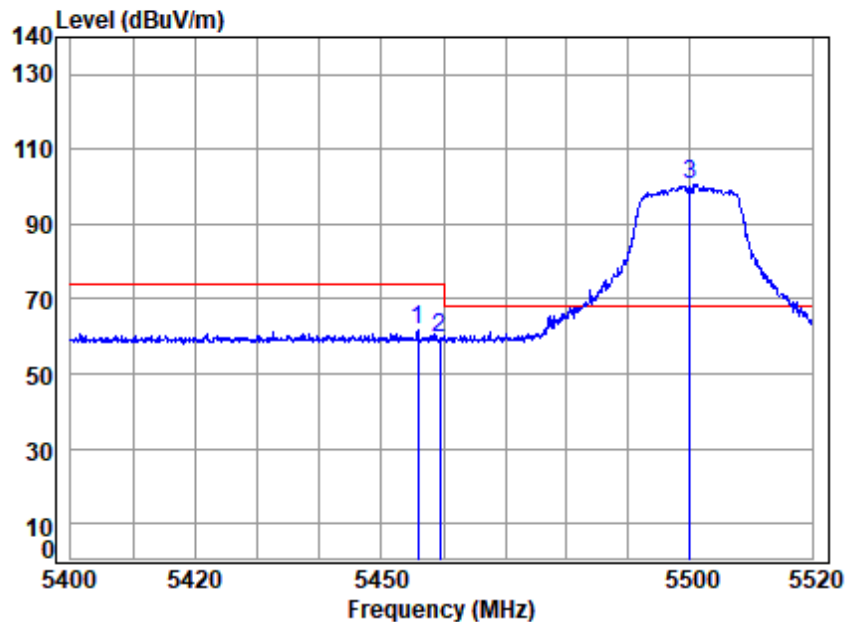


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5443.375	19.28	34.69	31.43	26.41	48.95	54.00	-5.05	Average
2 5500.000	19.43	34.50	31.46	74.38	96.85	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

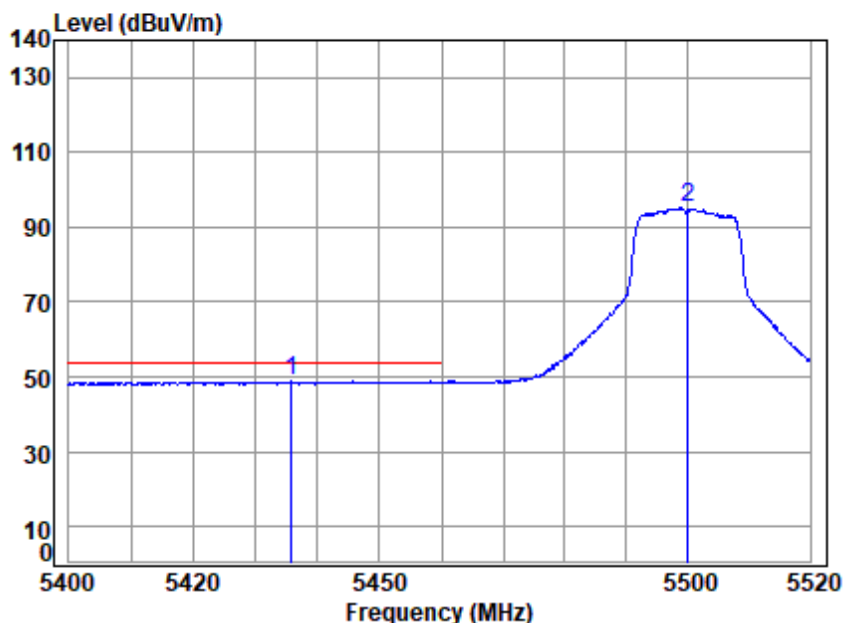


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5455.952	19.31	34.68	31.44	39.25	61.80	74.00	-12.20 Peak
2	5459.430	19.32	34.66	31.44	36.87	59.41	74.00	-14.59 peak
3 p	5500.000	19.43	34.50	31.46	78.06	100.53	68.20	32.33 Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

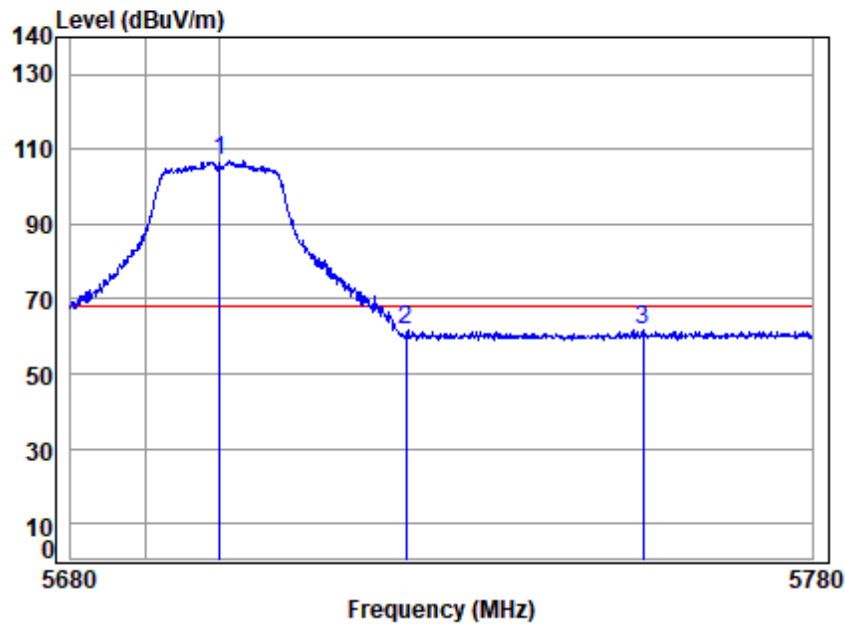


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5435.843	19.26	34.67	31.43	26.23	48.73	54.00	-5.27	Average
2 5500.000	19.43	34.50	31.46	72.59	95.06	-----	-----	Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

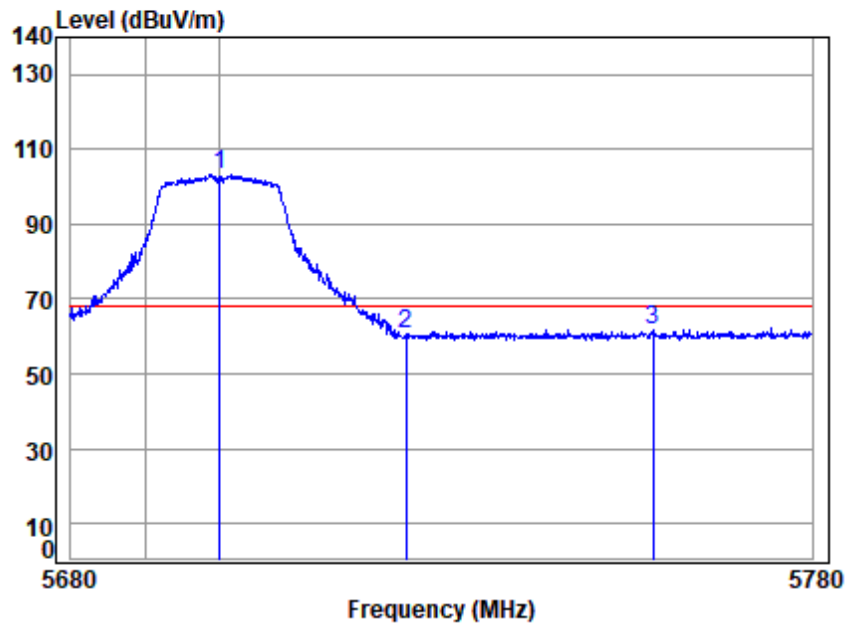


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5700.000	19.79	34.30	31.56	84.28	106.81	68.20	38.61	peak
2 5725.000	19.83	34.25	31.57	39.05	61.56	68.20	-6.64	peak
3 5757.046	19.89	34.21	31.59	39.20	61.71	68.20	-6.49	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

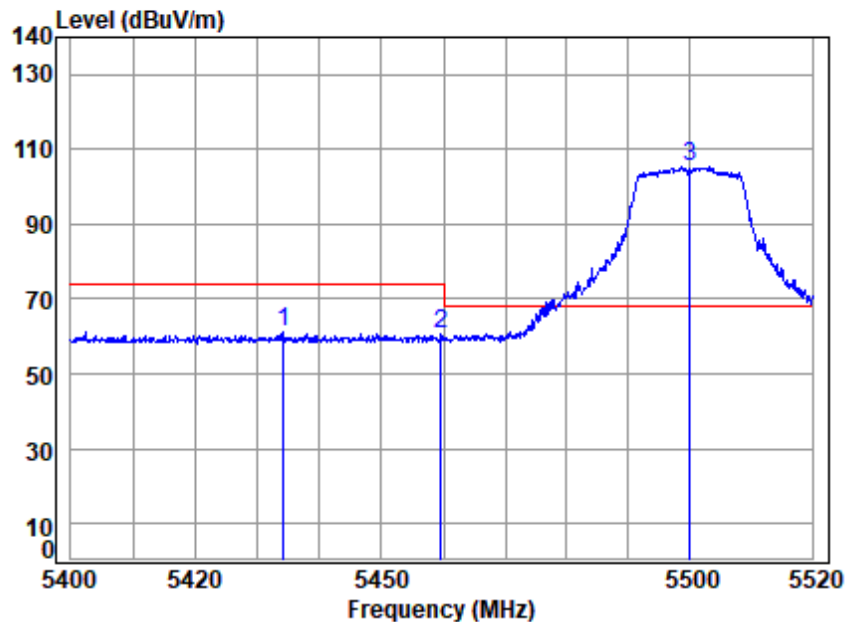


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5700.000	19.79	34.30	31.56	80.87	103.40	68.20	35.20	Peak
2 5725.000	19.83	34.25	31.57	37.96	60.47	68.20	-7.73	Peak
3 5758.353	19.89	34.22	31.59	39.33	61.85	68.20	-6.35	Peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

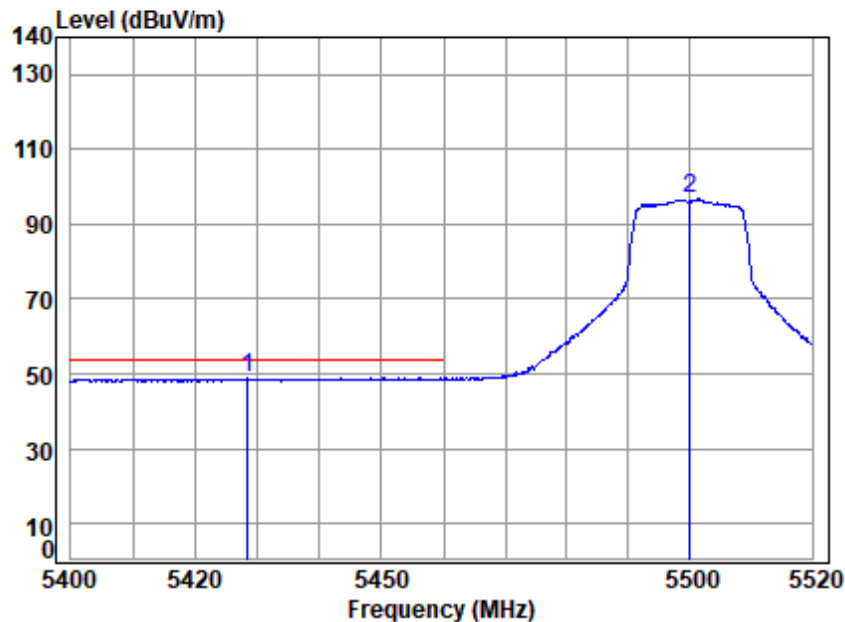


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5434.170	19.25	34.67	31.43	38.80	61.29	74.00	-12.71	peak
2	5459.670	19.32	34.66	31.44	38.15	60.69	74.00	-13.31	peak
3 p	5500.000	19.43	34.50	31.46	82.71	105.18	68.20	36.98	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

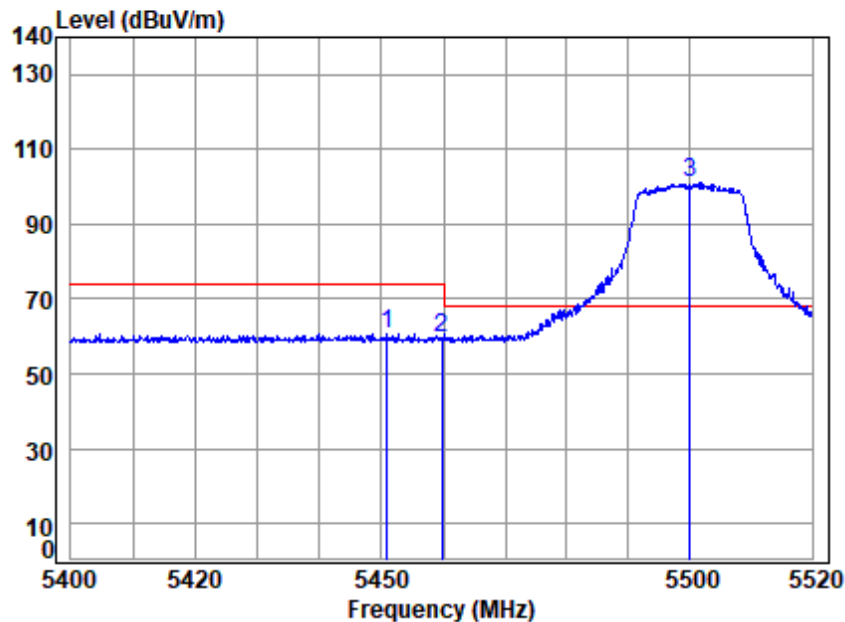


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5428.321	19.24	34.66	31.43	26.53	49.00	54.00	-5.00	Average
2 5500.000	19.43	34.50	31.46	74.23	96.70	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

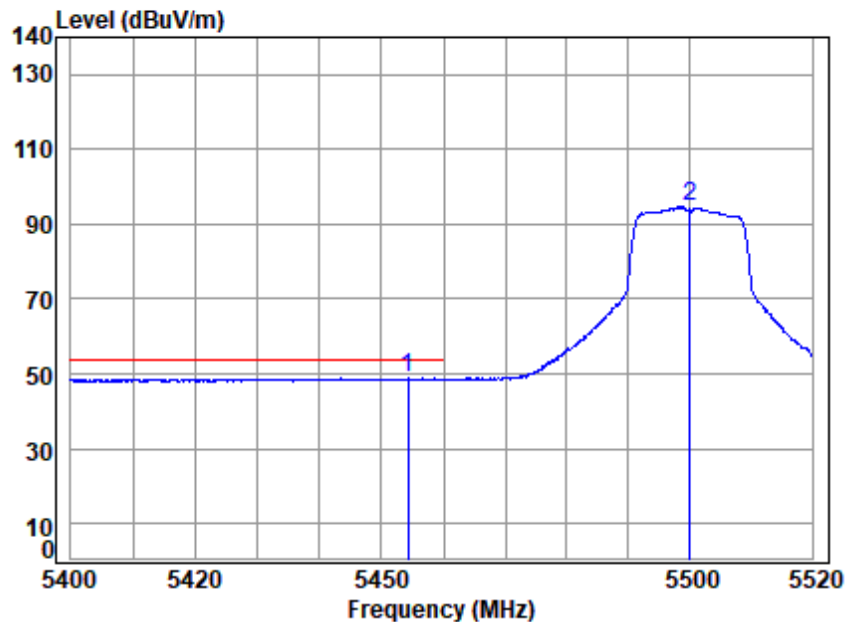


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5450.917	19.30	34.70	31.44	38.35	60.91	74.00	-13.09	Peak
2	5459.791	19.32	34.66	31.44	37.00	59.54	74.00	-14.46	peak
3 p	5500.000	19.43	34.50	31.46	78.51	100.98	68.20	32.78	Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

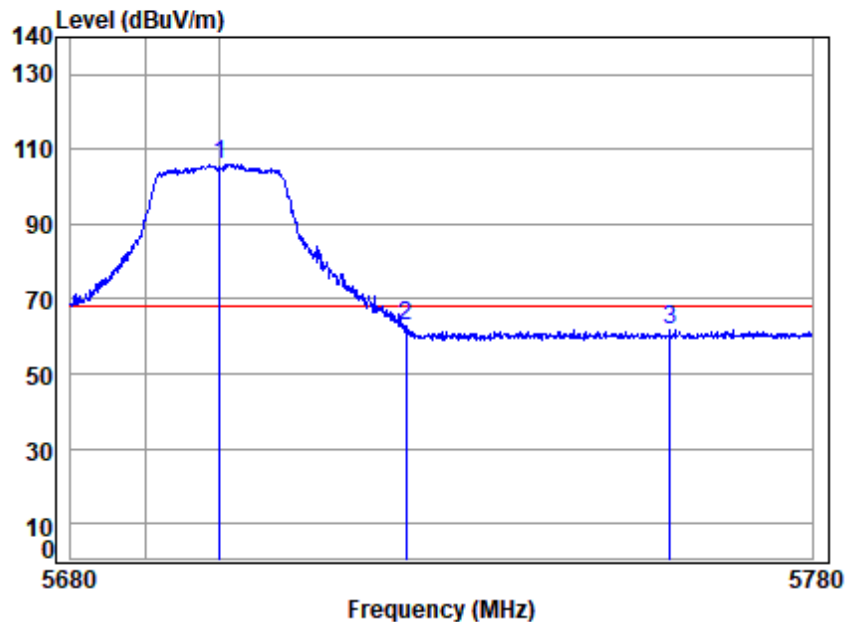


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5454.273	19.31	34.68	31.44	26.26	48.81	54.00	-5.19	Average
2 5500.000	19.43	34.50	31.46	72.27	94.74	-----	-----	Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High

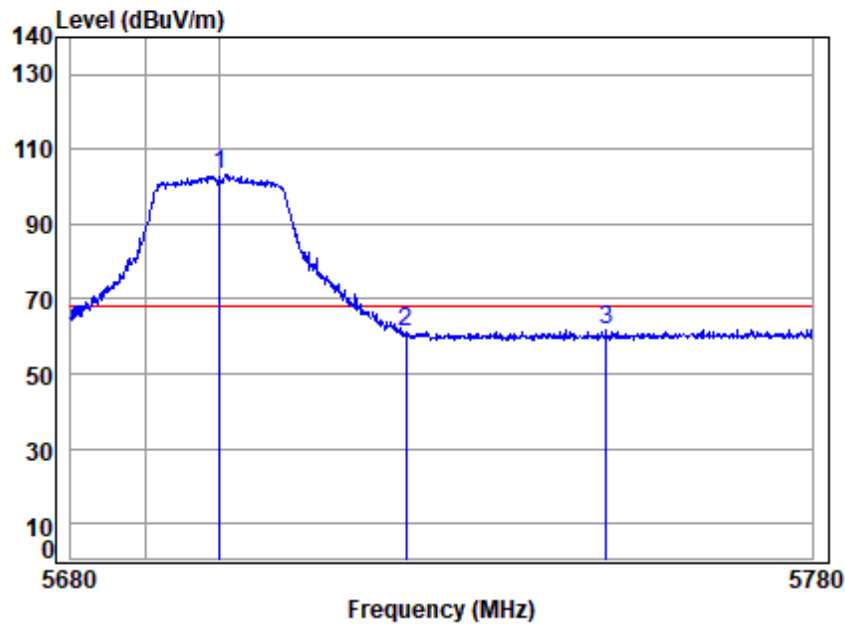


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5700.000	19.79	34.30	31.56	83.62	106.15	68.20	37.95	peak
2 5725.000	19.83	34.25	31.57	40.17	62.68	68.20	-5.52	peak
3 5760.665	19.89	34.22	31.59	39.38	61.90	68.20	-6.30	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High

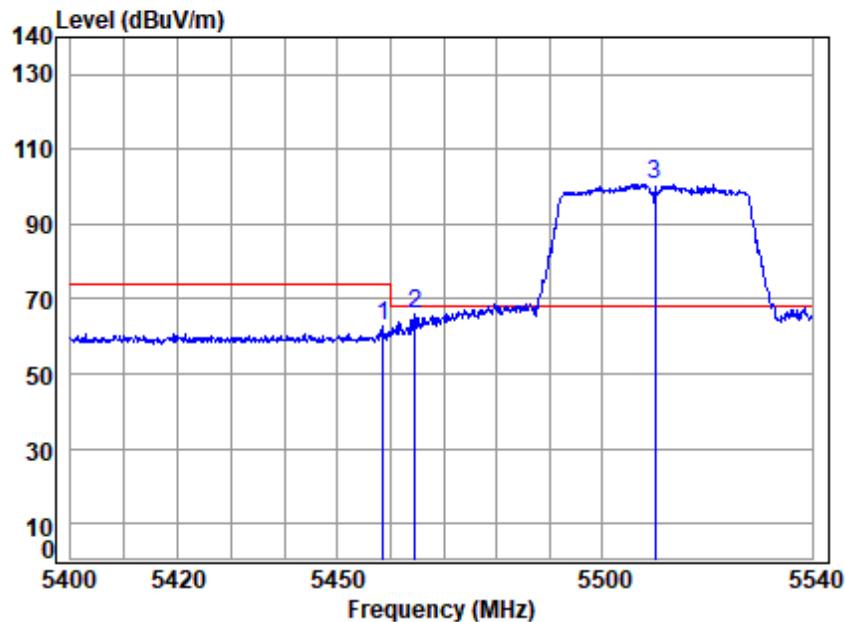


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p 5700.000		19.79	34.30	31.56	80.53	103.06	68.20	34.86 Peak
2 5725.000		19.83	34.25	31.57	38.74	61.25	68.20	-6.95 Peak
3 5752.024		19.88	34.20	31.58	39.32	61.82	68.20	-6.38 Peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

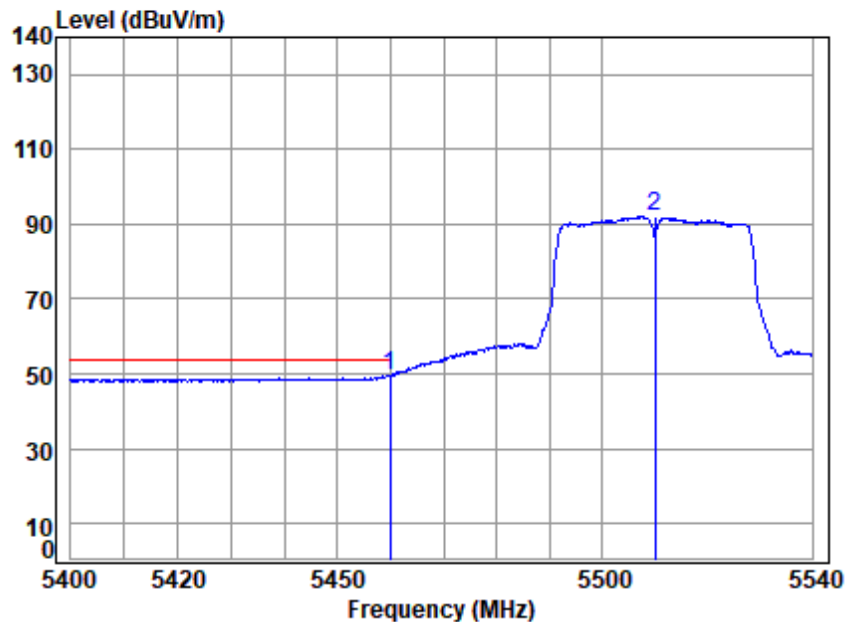


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5458.503	19.32	34.67	31.44	40.05	62.60	74.00	-11.40	peak
2 5464.515	19.34	34.64	31.44	43.54	66.08	68.20	-2.12	peak
3 p 5510.000	19.45	34.54	31.47	78.29	100.81	68.20	32.61	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

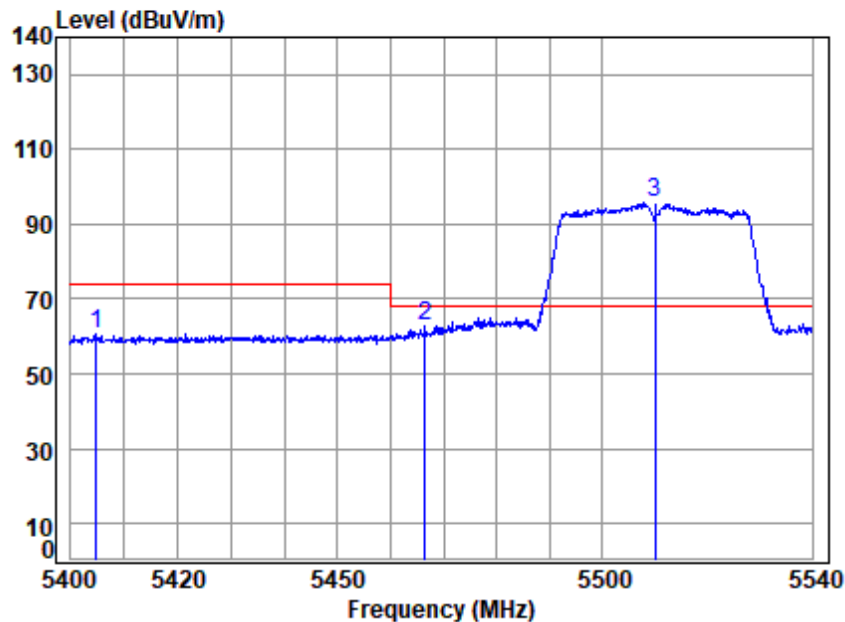


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5459.901	19.32	34.66	31.44	27.02	49.56	54.00	-4.44	Average
2 5510.000	19.45	34.54	31.47	69.50	92.02	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

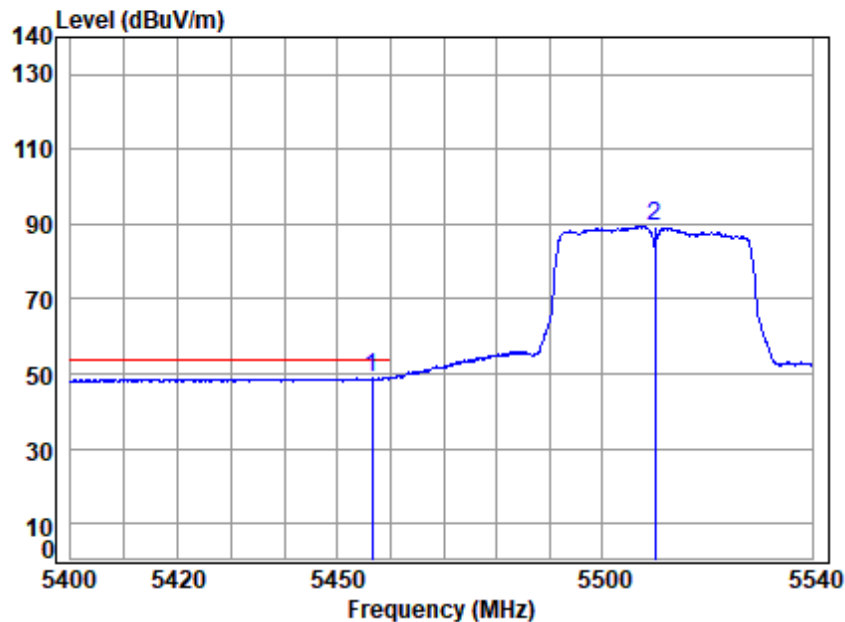


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5404.840	19.18	34.61	31.41	38.46	60.84	74.00	-13.16 Peak
2	5466.473	19.34	34.63	31.44	40.37	62.90	68.20	-5.30 peak
3 p	5510.000	19.45	34.54	31.47	73.07	95.59	68.20	27.39 Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

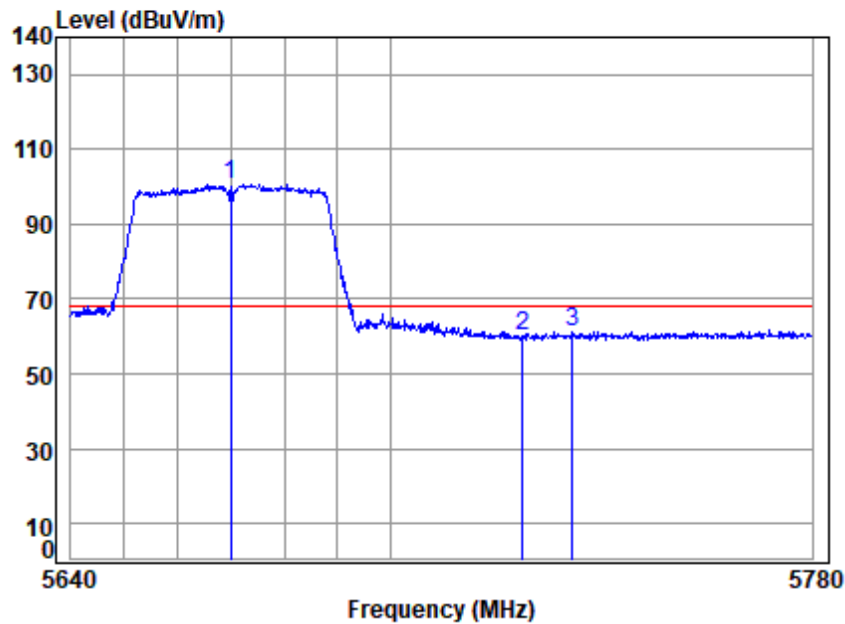


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5456.408	19.31	34.67	31.44	26.48	49.02	54.00	-4.98	Average
2 5510.000	19.45	34.54	31.47	67.08	89.60	-----	-----	Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High

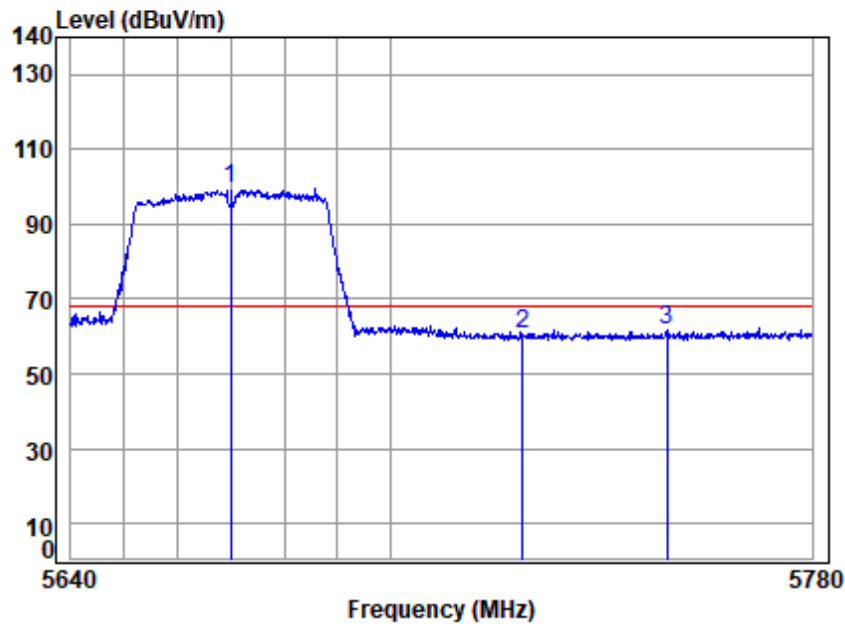


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5670 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p	5670.000	19.73	34.36	31.54	78.31	100.86	68.20	32.66 peak
2	5725.000	19.83	34.25	31.57	37.87	60.38	68.20	-7.82 peak
3	5734.404	19.85	34.23	31.58	38.77	61.27	68.20	-6.93 peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High

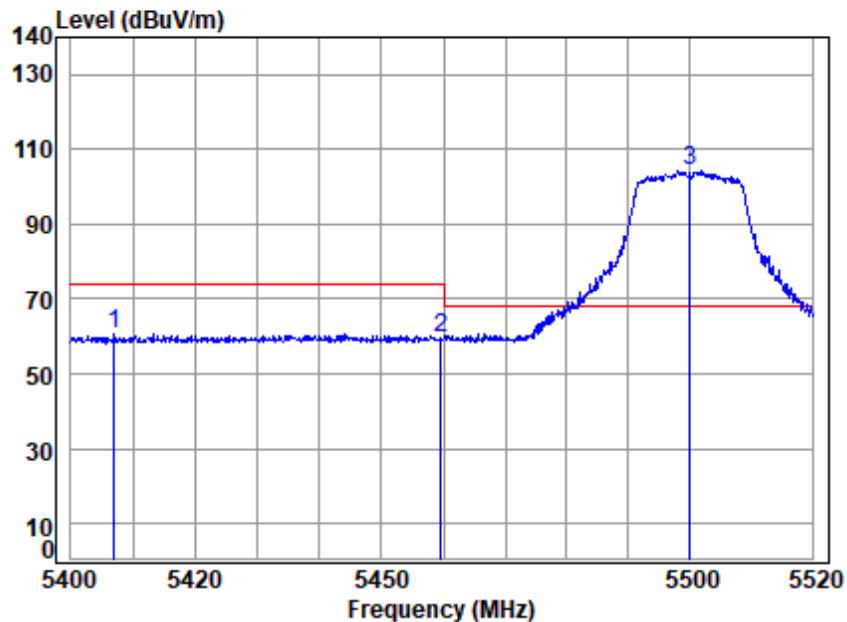


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5670 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5670.000	19.73	34.36	31.54	76.88	99.43	68.20	31.23	Peak
2 5725.000	19.83	34.25	31.57	38.23	60.74	68.20	-7.46	Peak
3 5752.289	19.88	34.20	31.58	39.16	61.66	68.20	-6.54	Peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

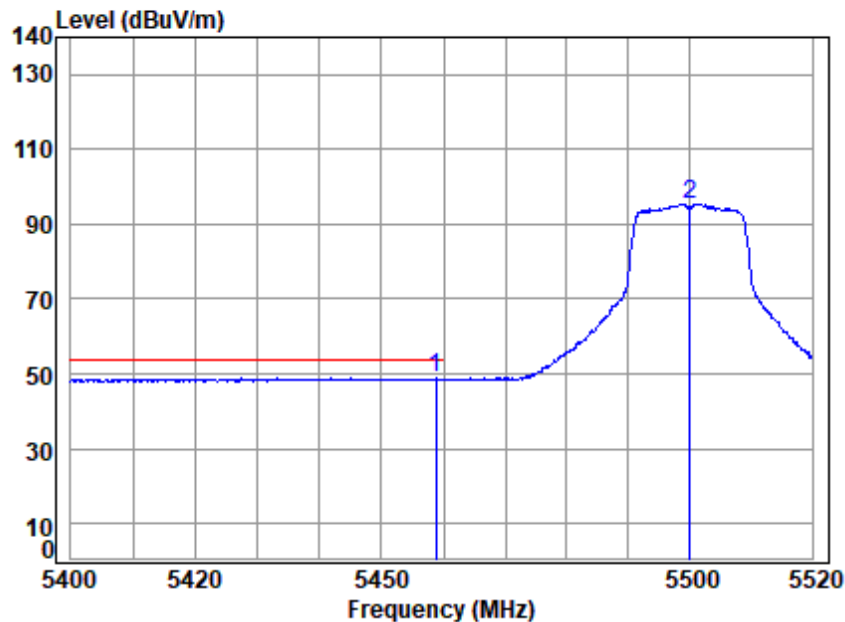


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5407.007	19.18	34.61	31.41	38.38	60.76	74.00	-13.24	peak
2	5459.670	19.32	34.66	31.44	37.33	59.87	74.00	-14.13	peak
3 p	5500.000	19.43	34.50	31.46	81.73	104.20	68.20	36.00	peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

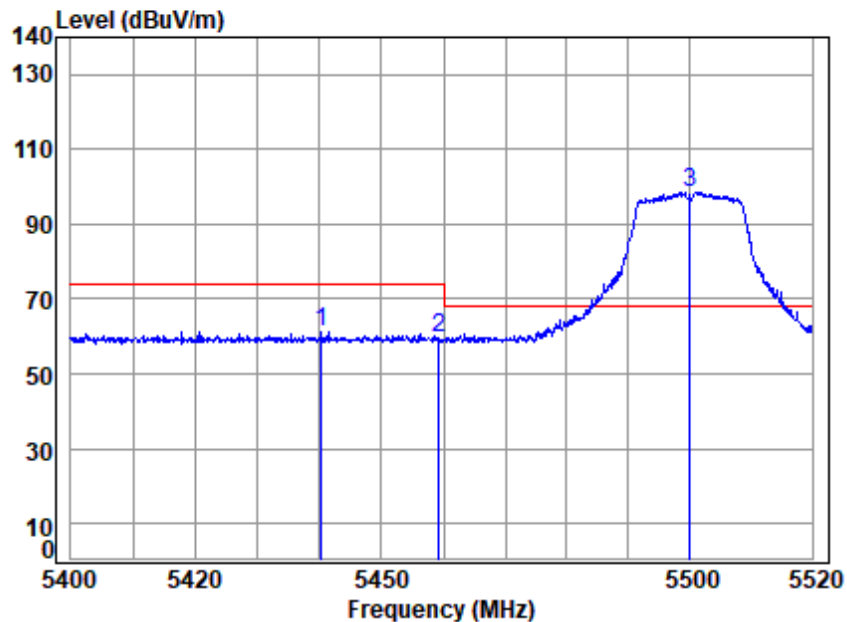


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5458.831	19.32	34.66	31.44	26.49	49.03	54.00	-4.97	Average
2 5500.000	19.43	34.50	31.46	73.01	95.48	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

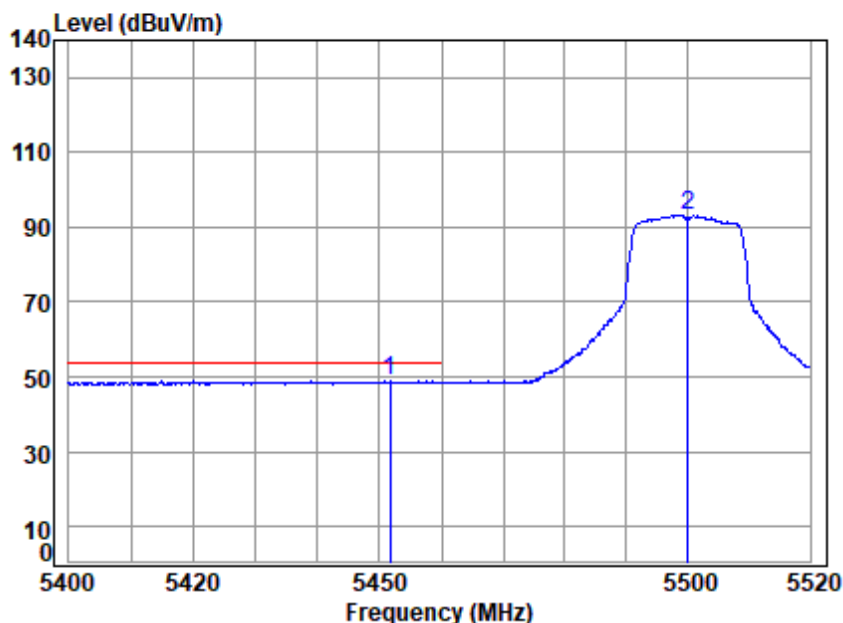


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5440.265	19.27	34.68	31.43	38.72	61.24	74.00	-12.76	Peak
2	5459.190	19.32	34.66	31.44	37.09	59.63	74.00	-14.37	peak
3 p	5500.000	19.43	34.50	31.46	76.07	98.54	68.20	30.34	Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

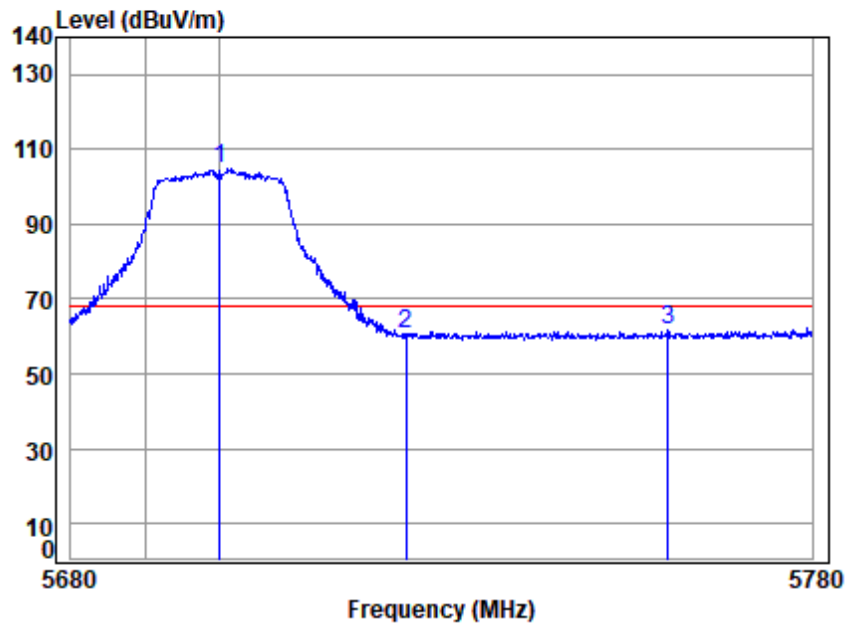


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5451.636	19.30	34.69	31.44	26.29	48.84	54.00	-5.16	Average
2 5500.000	19.43	34.50	31.46	70.87	93.34	-----	-----	Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

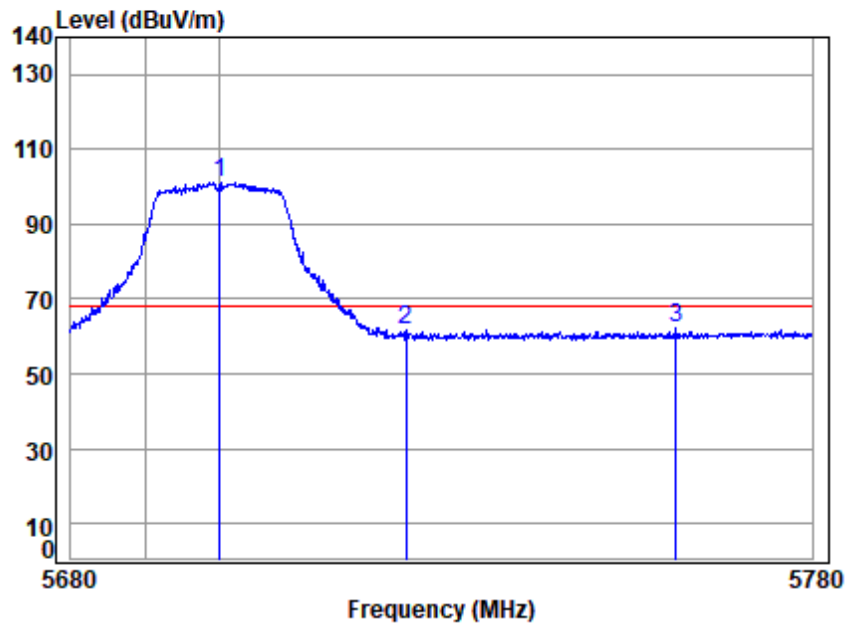


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p	5700.000	19.79	34.30	31.56	82.22	104.75	68.20	36.55	peak
2	5725.000	19.83	34.25	31.57	38.37	60.88	68.20	-7.32	peak
3	5760.463	19.89	34.22	31.59	39.02	61.54	68.20	-6.66	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

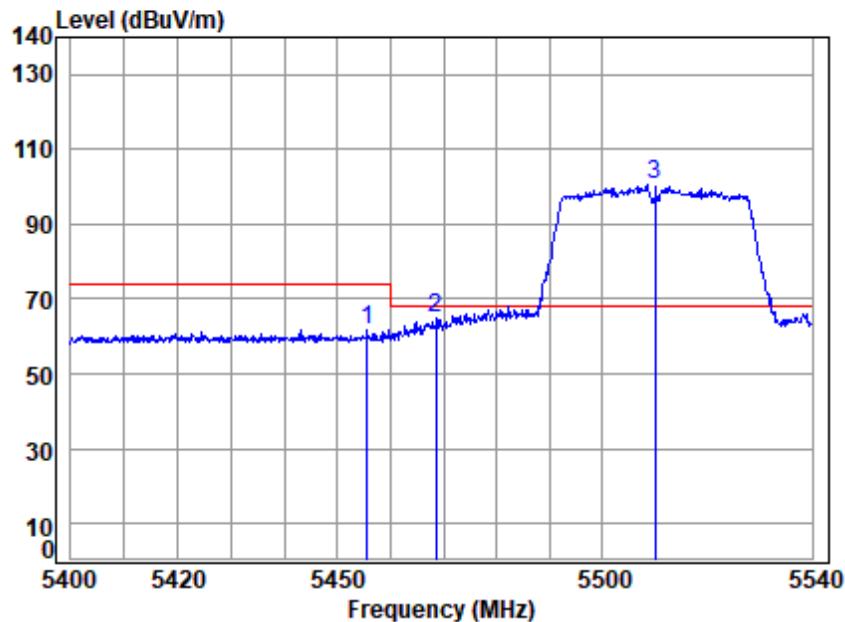


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5700 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5700.000	19.79	34.30	31.56	78.55	101.08	68.20	32.88	Peak
2 5725.000	19.83	34.25	31.57	39.14	61.65	68.20	-6.55	Peak
3 5761.469	19.89	34.22	31.59	39.58	62.10	68.20	-6.10	Peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

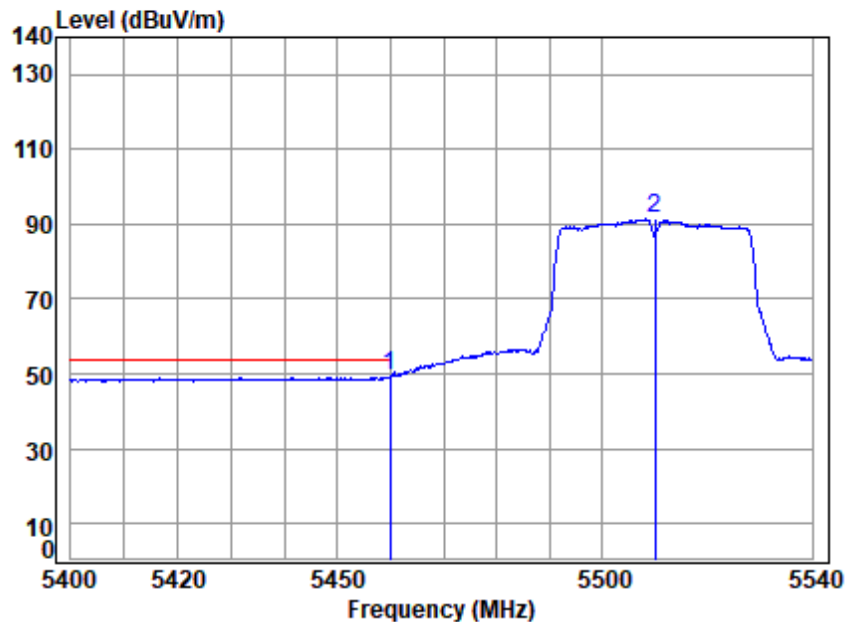


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5455.570	19.31	34.68	31.44	39.12	61.67	74.00	-12.33 peak
2	5468.572	19.35	34.63	31.45	42.26	64.79	68.20	-3.41 peak
3 p	5510.000	19.45	34.54	31.47	77.95	100.47	68.20	32.27 peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

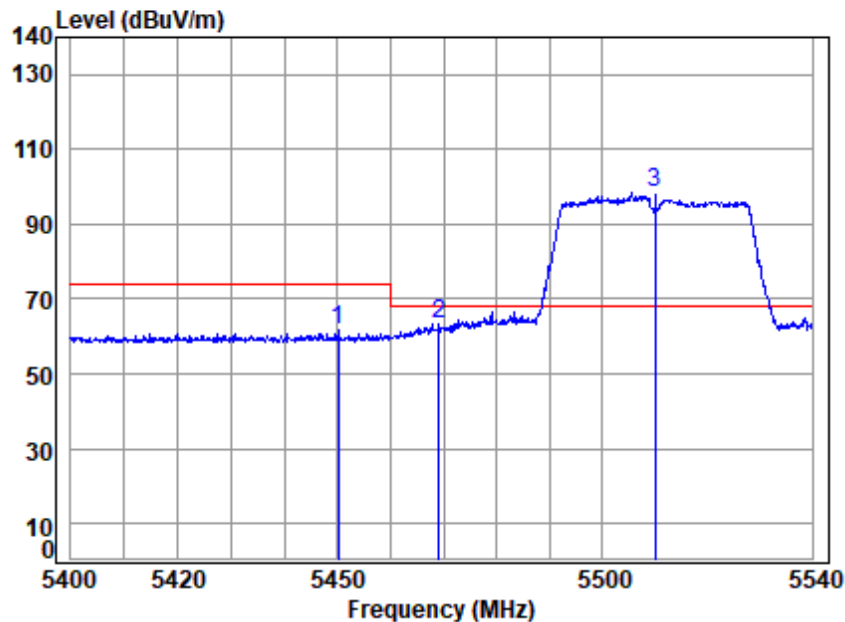


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5459.901	19.32	34.66	31.44	26.86	49.40	54.00	-4.60	Average
2 5510.000	19.45	34.54	31.47	68.94	91.46	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

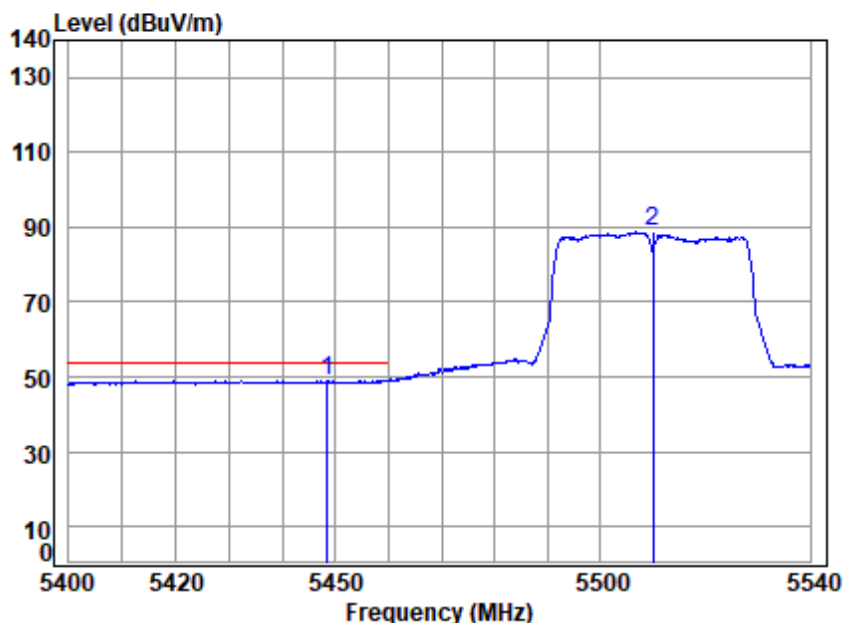


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5450.127	19.30	34.70	31.44	39.03	61.59	74.00	-12.41	Peak
2 5469.132	19.35	34.62	31.45	40.75	63.27	68.20	-4.93	peak
3 p 5510.000	19.45	34.54	31.47	75.96	98.48	68.20	30.28	Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



```
Site      : chamber
Condition: 3m VERTICAL
Job No    : 03037AT\03038AT
Mode      : 5510 Band edge
           : 5G WIFI 11AC40
```

	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	5448.454	19.29	34.70	31.44	26.51	49.06	54.00	-4.94	Average
2	5510.000	19.45	34.54	31.47	66.31	88.83	-----	-----	Average



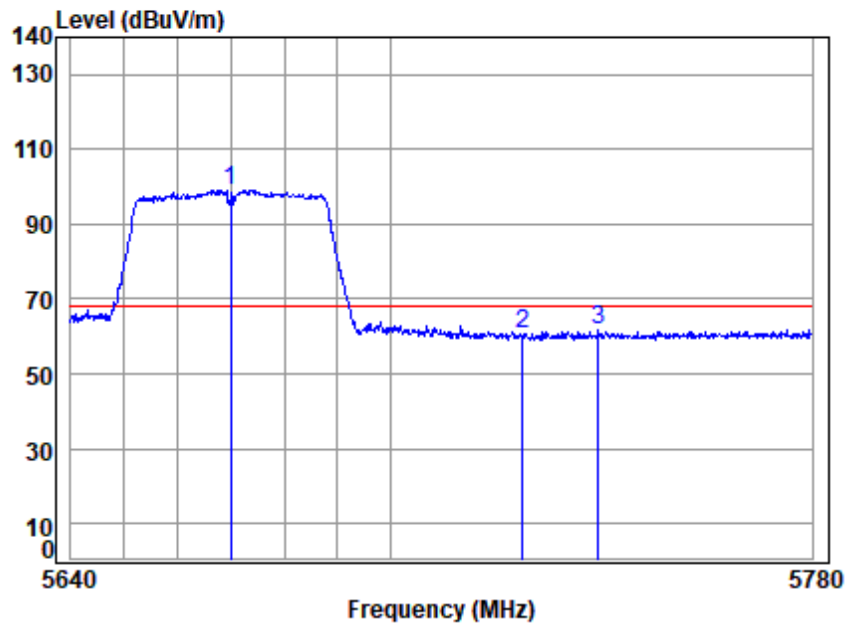
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

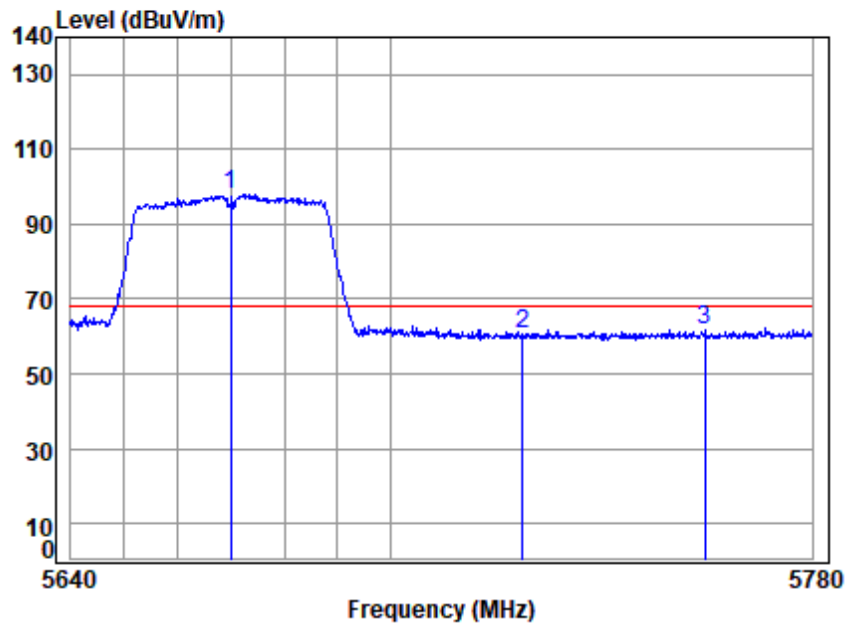


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5670 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p	5670.000	19.73	34.36	31.54	76.67	99.22	68.20	31.02 peak
2	5725.000	19.83	34.25	31.57	38.37	60.88	68.20	-7.32 peak
3	5739.328	19.86	34.22	31.58	39.15	61.65	68.20	-6.55 peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

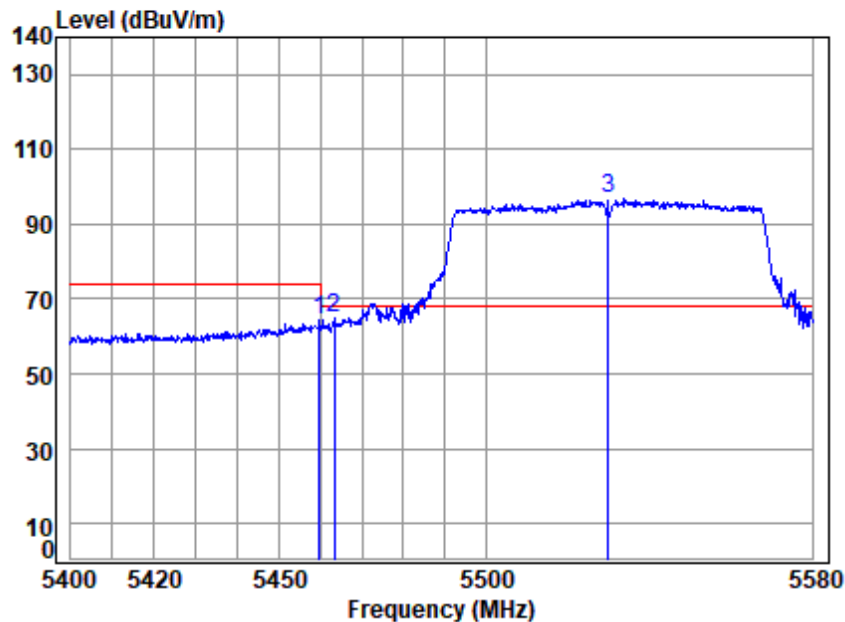


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5670 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5670.000	19.73	34.36	31.54	75.32	97.87	68.20	29.67	Peak
2 5725.000	19.83	34.25	31.57	38.19	60.70	68.20	-7.50	Peak
3 5759.487	19.89	34.22	31.59	39.24	61.76	68.20	-6.44	Peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low

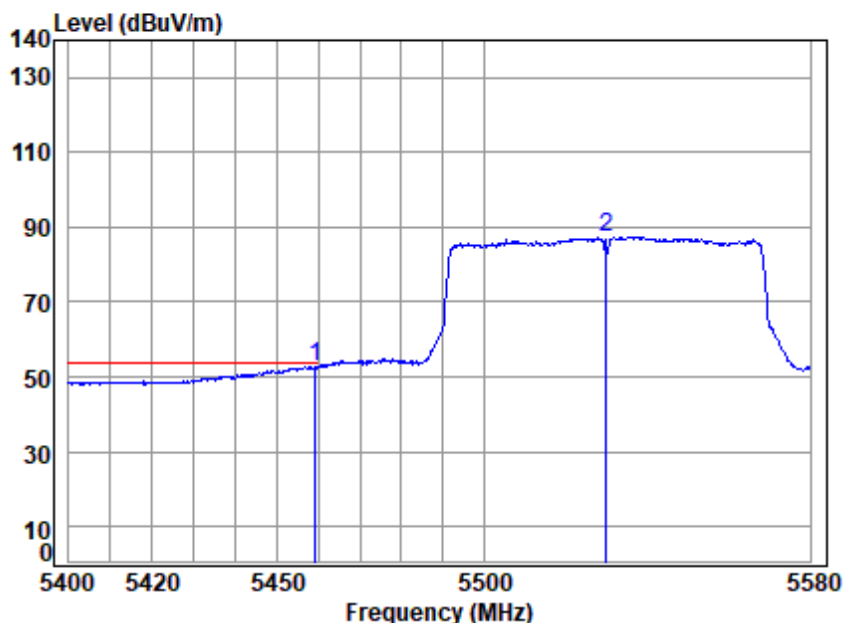


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.823	19.32	34.66	31.44	41.82	64.36	74.00	-9.64 peak
2	5463.226	19.33	34.65	31.44	42.51	65.05	68.20	-3.15 peak
3 p	5530.000	19.48	34.62	31.48	74.08	96.70	68.20	28.50 peak



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low

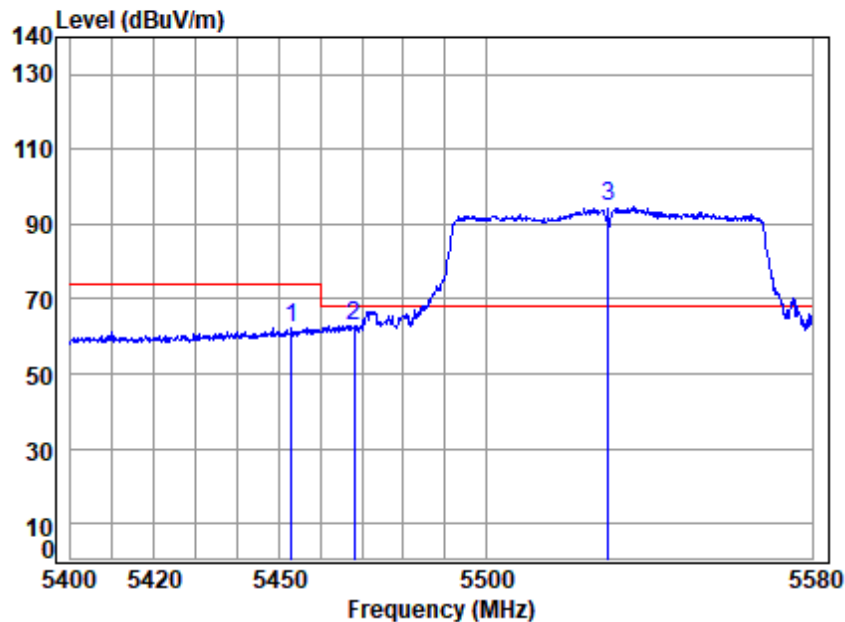


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5459.286	19.32	34.66	31.44	30.42	52.96	54.00	-1.04	Average
2 5530.000	19.48	34.62	31.48	64.92	87.54	-----	-----	Average



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low

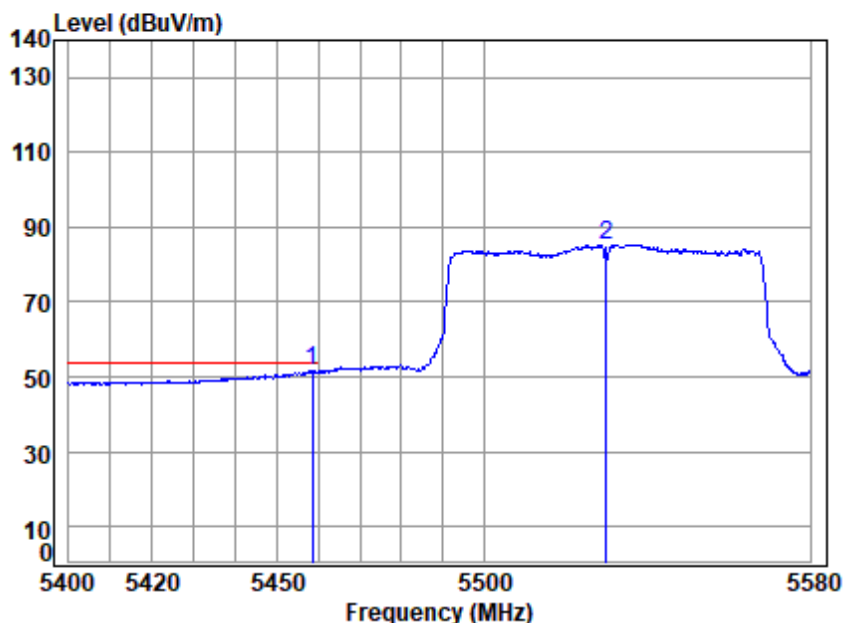


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5453.024	19.30	34.69	31.44	39.89	62.44	74.00	-11.56 Peak
2	5468.064	19.35	34.63	31.45	40.42	62.95	68.20	-5.25 peak
3 p	5530.000	19.48	34.62	31.48	72.24	94.86	68.20	26.66 Peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low

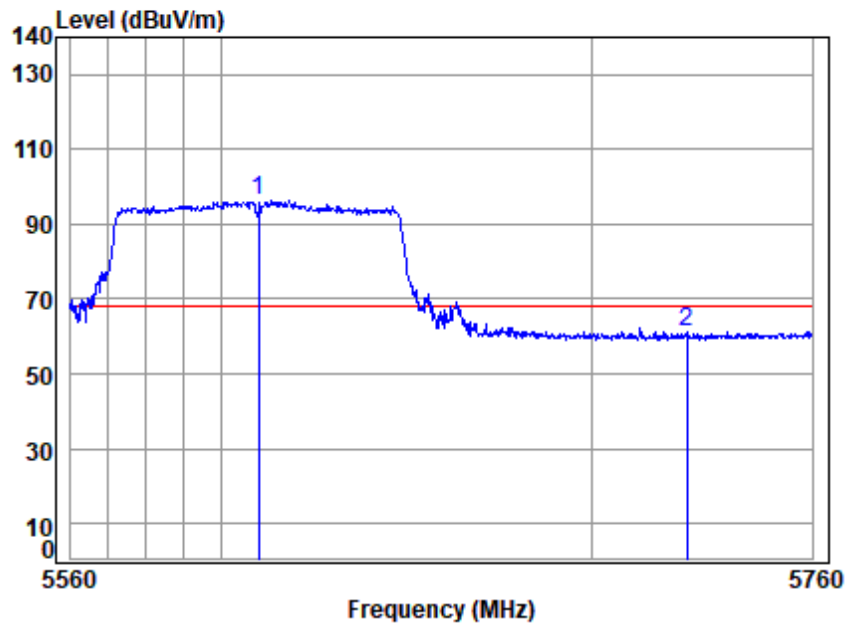


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 q 5458.570	19.32	34.67	31.44	29.23	51.78	54.00	-2.22	Average
2 5530.000	19.48	34.62	31.48	62.78	85.40	-----	-----	Average



Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High

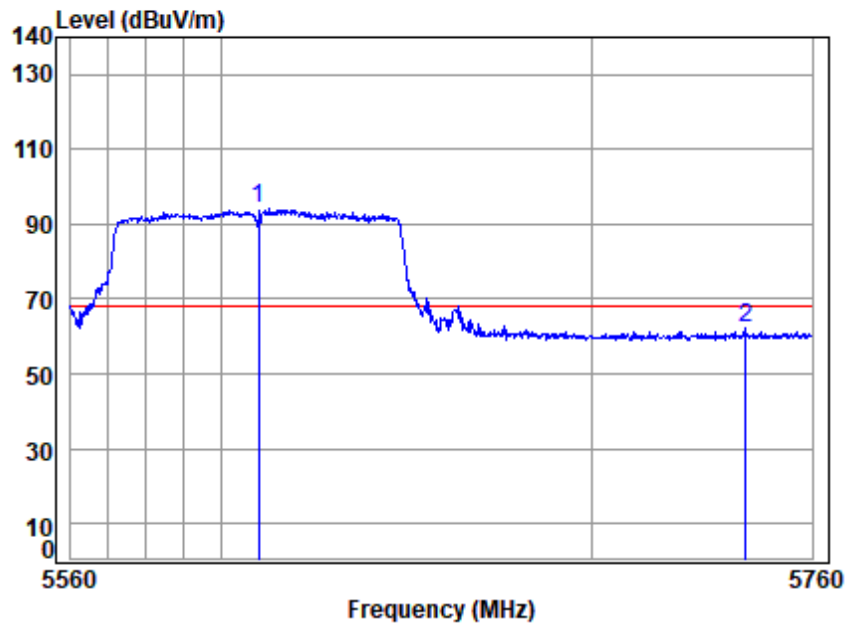


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5610 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5610.000	19.63	34.64	31.52	73.73	96.48	68.20	28.28	peak
2 5725.702	19.83	34.25	31.57	38.79	61.30	68.20	-6.90	peak



Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High

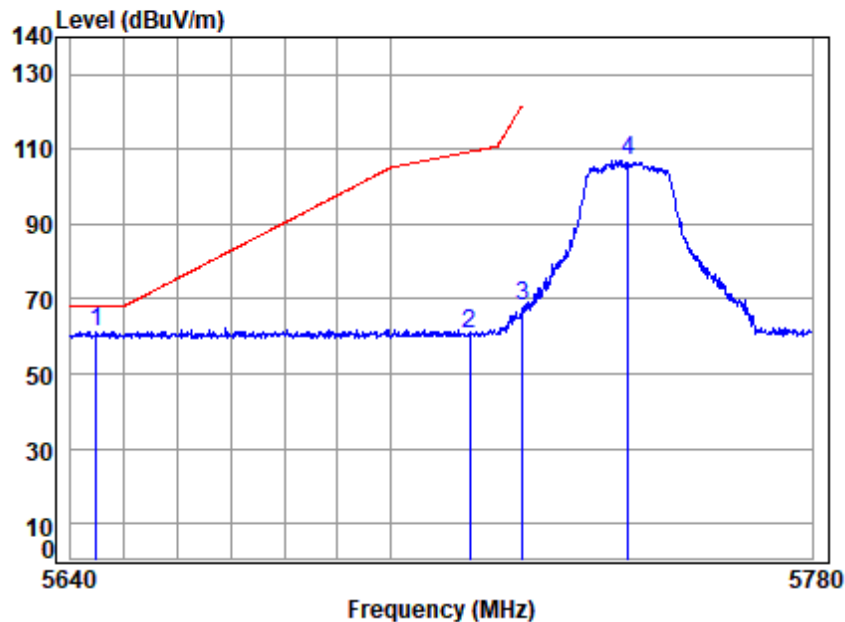


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5610 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p	5610.000	19.63	34.64	31.52	71.36	94.11	68.20	25.91 Peak
2	5741.912	19.86	34.22	31.58	39.74	62.24	68.20	-5.96 Peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

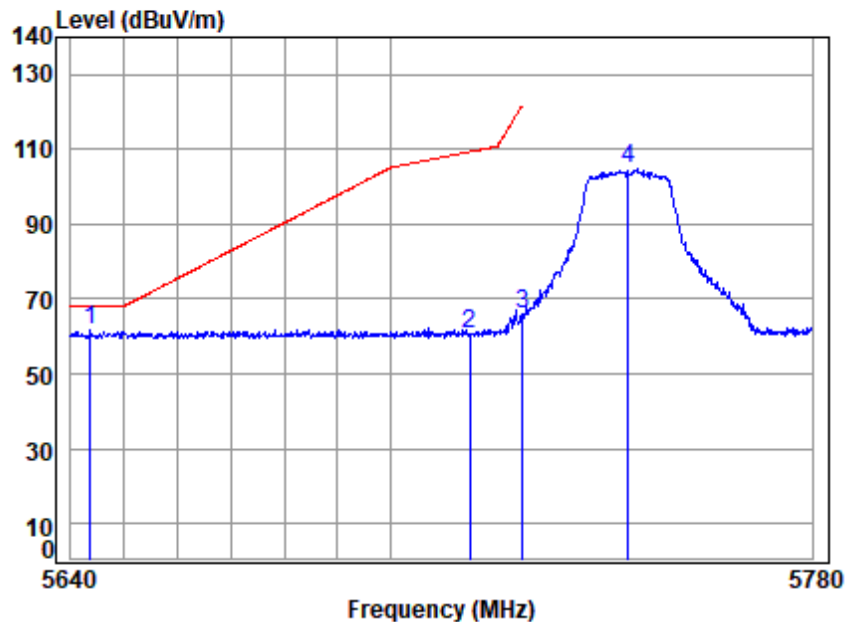


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5644.842	19.69	34.43	31.53	38.71	61.30	68.20	-6.90	peak
2 5715.000	19.81	34.27	31.57	37.99	60.50	109.40	-48.90	peak
3 5725.000	19.83	34.25	31.57	45.54	68.05	122.20	-54.15	peak
4 5745.000	19.87	34.21	31.58	84.73	107.23	-----	-----	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

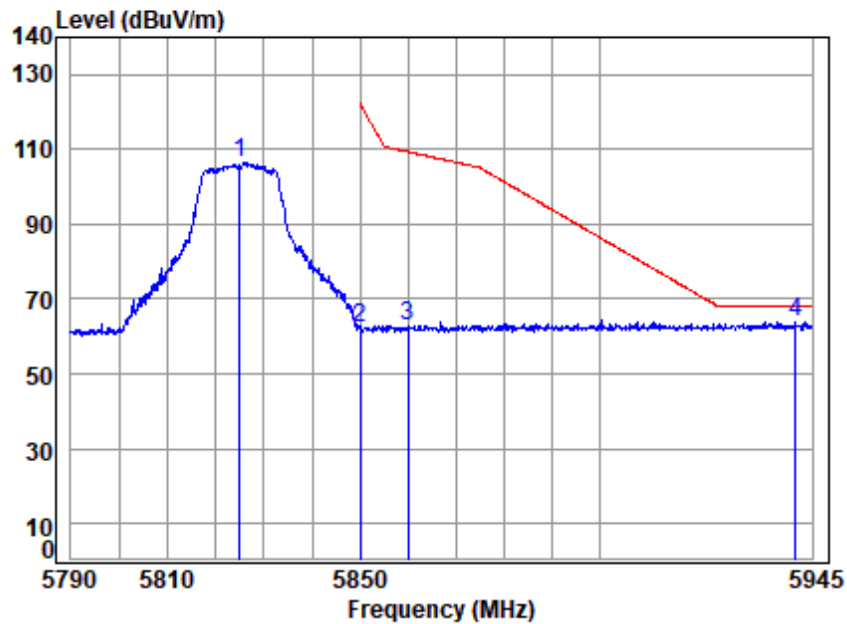


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5643.597	19.69	34.44	31.53	39.03	61.63	68.20	-6.57	peak
2 5715.000	19.81	34.27	31.57	38.10	60.61	109.40	-48.79	peak
3 5725.000	19.83	34.25	31.57	43.36	65.87	122.20	-56.33	peak
4 5745.000	19.87	34.21	31.58	82.50	105.00	-----	-----	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

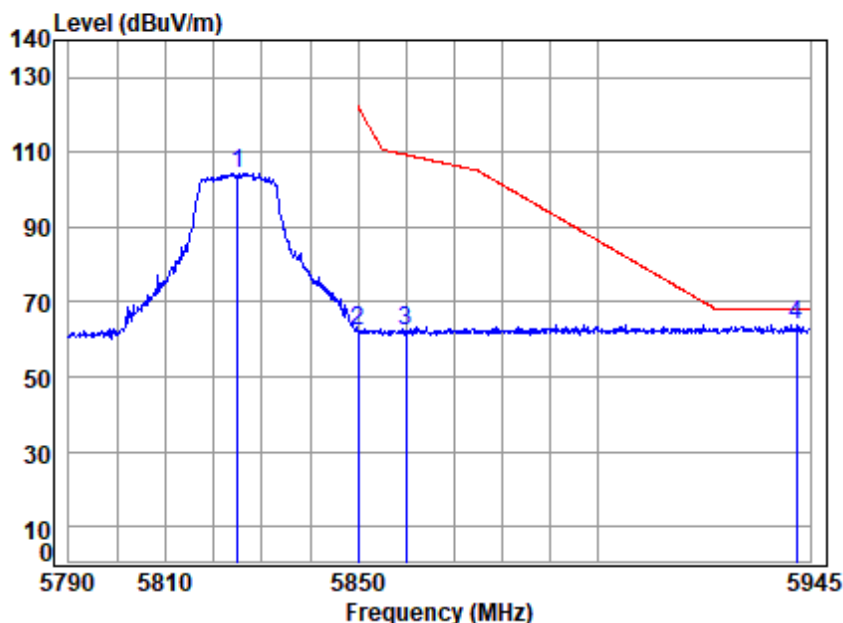


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5825 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	20.00	34.35	31.62	83.82	106.55	-----	peak
2	5850.000	20.05	34.40	31.63	39.24	62.06	122.20	-60.14 peak
3	5860.000	20.06	34.44	31.64	39.97	62.83	109.40	-46.57 peak
4 p	5941.546	20.20	34.68	31.67	40.86	64.07	68.20	-4.13 peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

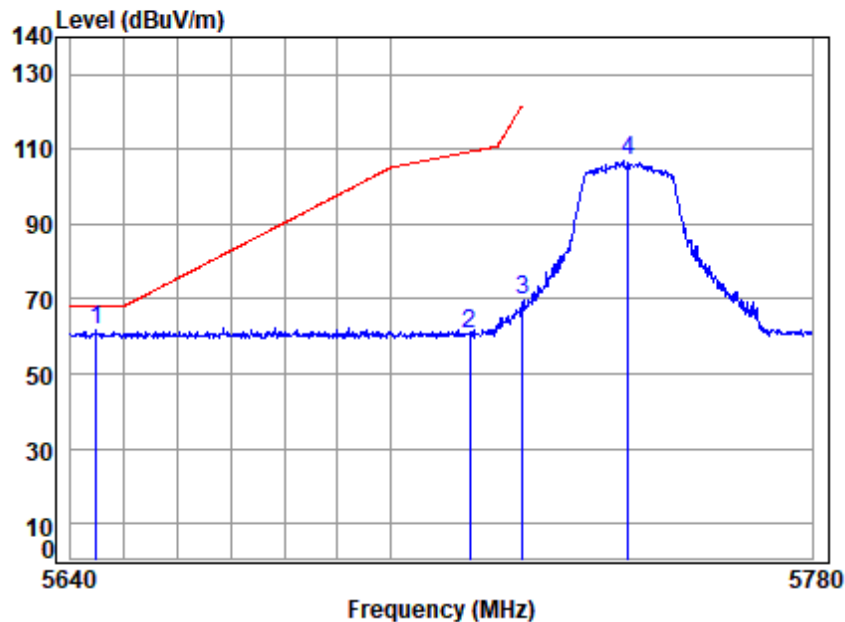


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5825 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	20.00	34.35	31.62	81.81	104.54	-----	-----	peak
2 5850.000	20.05	34.40	31.63	39.65	62.47	122.20	-59.73	peak
3 5860.000	20.06	34.44	31.64	39.60	62.46	109.40	-46.94	peak
4 p 5942.174	20.20	34.68	31.67	40.51	63.72	68.20	-4.48	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

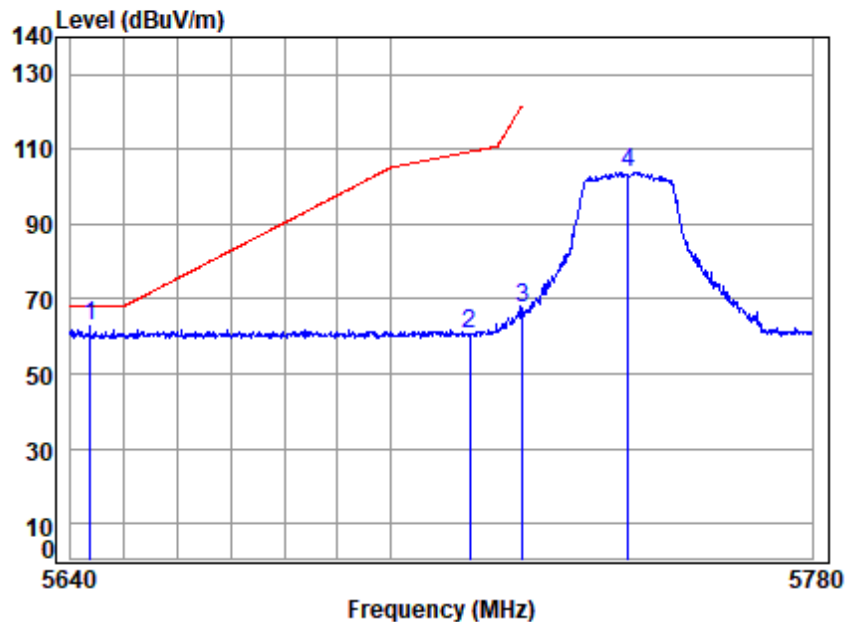


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5644.842	19.69	34.43	31.53	38.91	61.50	68.20	-6.70	peak
2 5715.000	19.81	34.27	31.57	37.97	60.48	109.40	-48.92	peak
3 5725.000	19.83	34.25	31.57	47.12	69.63	122.20	-52.57	peak
4 5745.000	19.87	34.21	31.58	84.27	106.77	-----	-----	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11N20

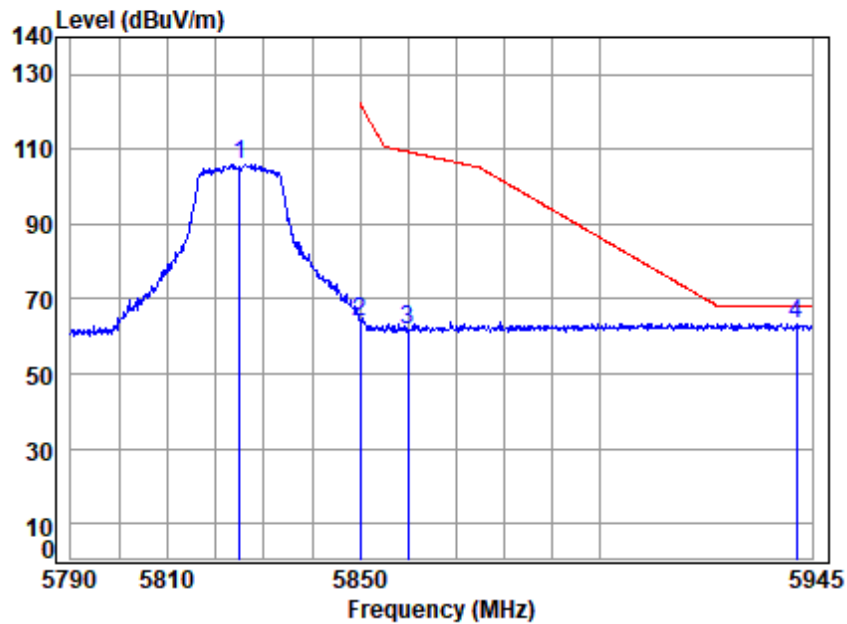
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 p	5643.597	19.69	34.44	31.53	40.35	62.95	68.20	-5.25 peak
2	5715.000	19.81	34.27	31.57	38.09	60.60	109.40	-48.80 peak
3	5725.000	19.83	34.25	31.57	44.88	67.39	122.20	-54.81 peak
4	5745.000	19.87	34.21	31.58	81.49	103.99	-----	----- peak



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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High

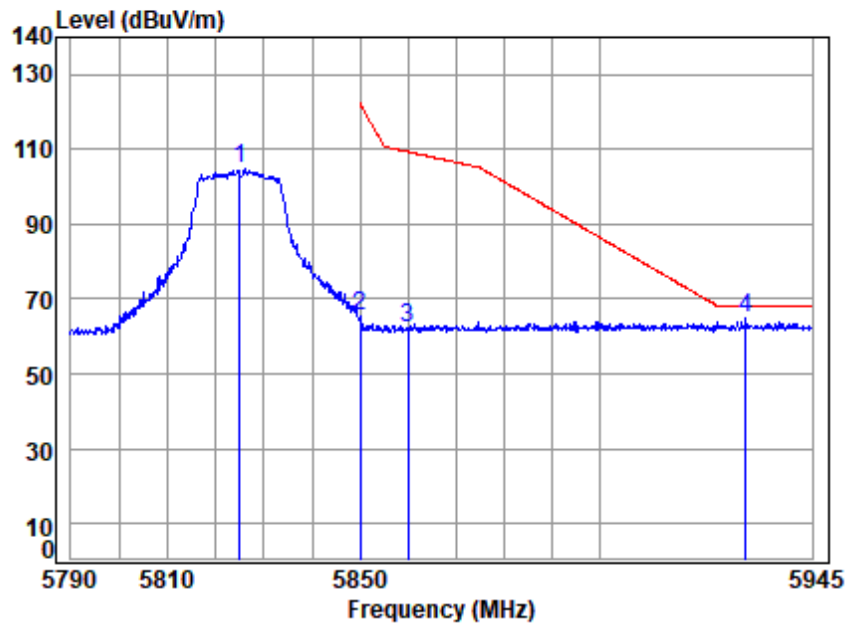


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5825 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	20.00	34.35	31.62	83.23	105.96	-----	-----	peak
2 5850.000	20.05	34.40	31.63	41.07	63.89	122.20	-58.31	peak
3 5860.000	20.06	34.44	31.64	39.15	62.01	109.40	-47.39	peak
4 p 5941.703	20.20	34.68	31.67	40.32	63.53	68.20	-4.67	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High

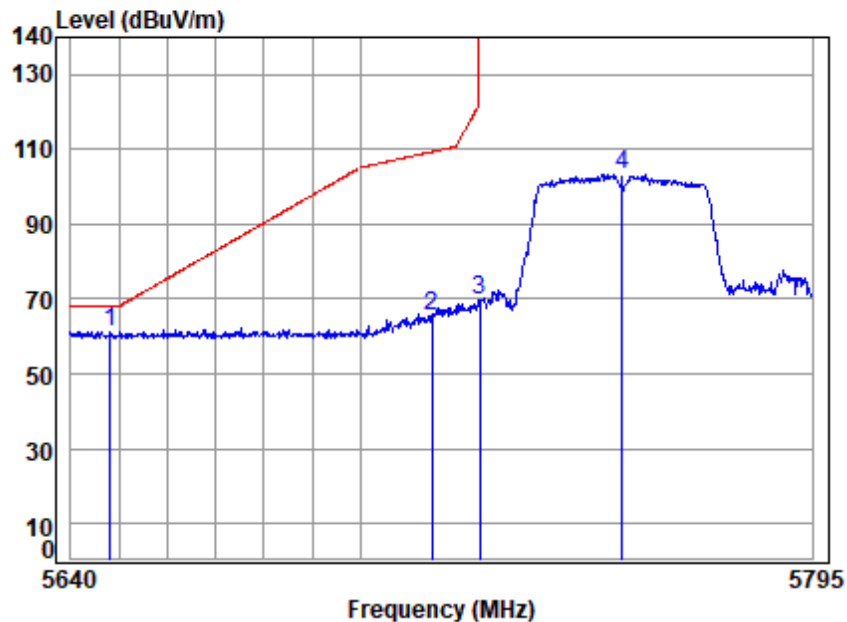


Site : chamber
 Condition: 3m VERTICAL
 Job No : 03037AT\03038AT
 Mode : 5825 Band edge
 : 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	20.00	34.35	31.62	82.17	104.90	-----	-----	peak
2 5850.000	20.05	34.40	31.63	42.70	65.52	122.20	-56.68	peak
3 5860.000	20.06	34.44	31.64	39.28	62.14	109.40	-47.26	peak
4 p 5931.039	20.18	34.66	31.67	41.69	64.86	68.20	-3.34	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

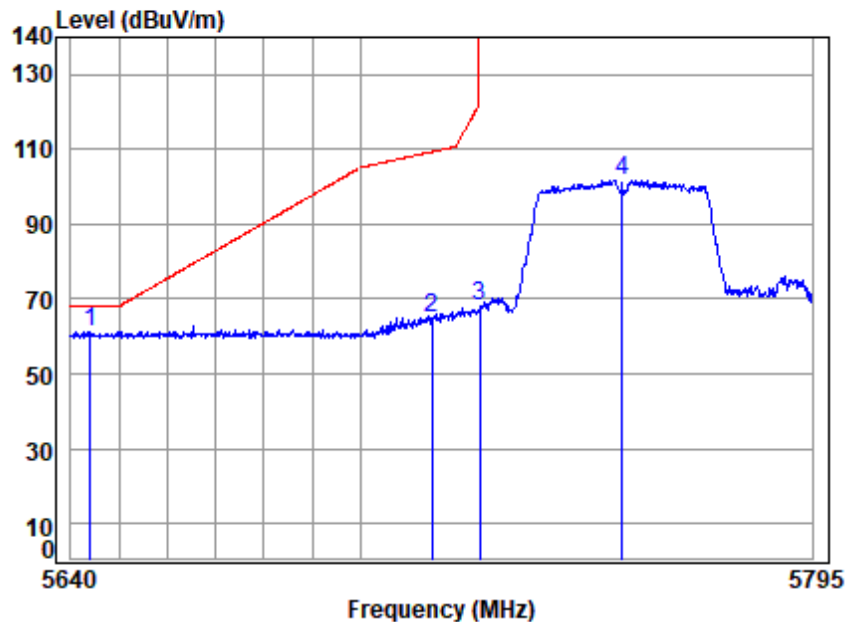


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5648.110	19.70	34.41	31.53	38.84	61.42	68.20	-6.78	peak
2 5715.000	19.81	34.27	31.57	42.90	65.41	109.40	-43.99	peak
3 5725.000	19.83	34.25	31.57	47.27	69.78	122.20	-52.42	peak
4 5755.000	19.88	34.21	31.59	80.91	103.41	-----	-----	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

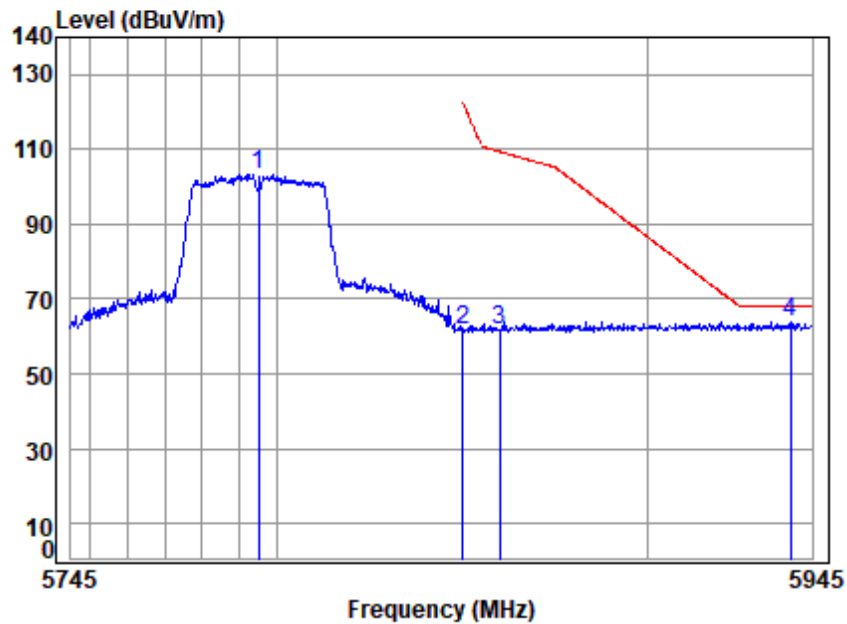


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5644.130	19.69	34.44	31.53	38.84	61.44	68.20	-6.76	peak
2 5715.000	19.81	34.27	31.57	42.19	64.70	109.40	-44.70	peak
3 5725.000	19.83	34.25	31.57	45.86	68.37	122.20	-53.83	peak
4 5755.000	19.88	34.21	31.59	79.22	101.72	-----	-----	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High

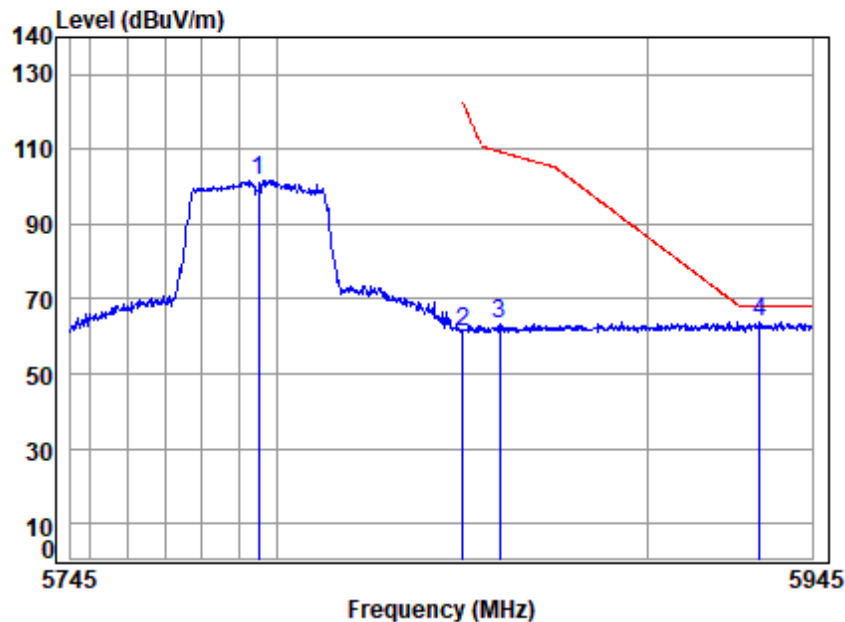


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	19.95	34.29	31.60	80.67	103.31	-----	peak
2	5850.000	20.05	34.40	31.63	39.16	61.98	122.20	-60.22 peak
3	5860.000	20.06	34.44	31.64	39.04	61.90	109.40	-47.50 peak
4 p	5939.103	20.20	34.68	31.67	40.68	63.89	68.20	-4.31 peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High

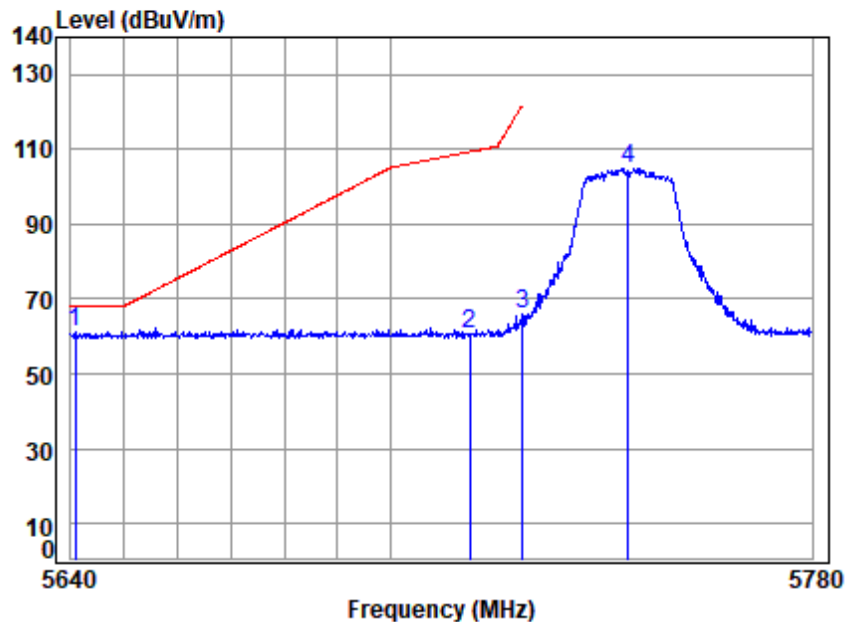


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5795.000	19.95	34.29	31.60	79.09	101.73	-----	-----	peak
2 5850.000	20.05	34.40	31.63	38.63	61.45	122.20	-60.75	peak
3 5860.000	20.06	34.44	31.64	40.42	63.28	109.40	-46.12	peak
4 p 5930.573	20.18	34.66	31.67	40.58	63.75	68.20	-4.45	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

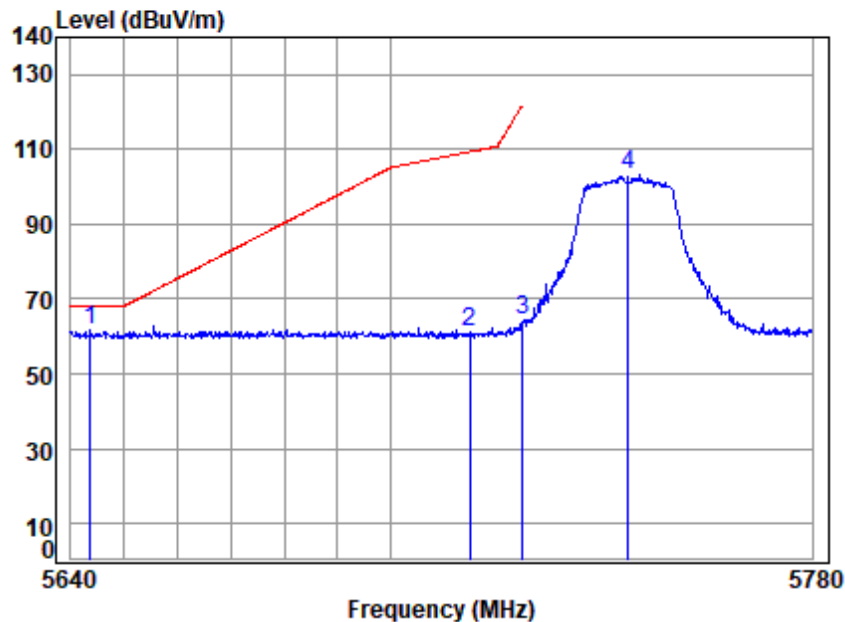


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5640.830	19.68	34.46	31.53	38.55	61.16	68.20	-7.04	peak
2 5715.000	19.81	34.27	31.57	38.01	60.52	109.40	-48.88	peak
3 5725.000	19.83	34.25	31.57	43.68	66.19	122.20	-56.01	peak
4 5745.000	19.87	34.21	31.58	82.54	105.04	-----	-----	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

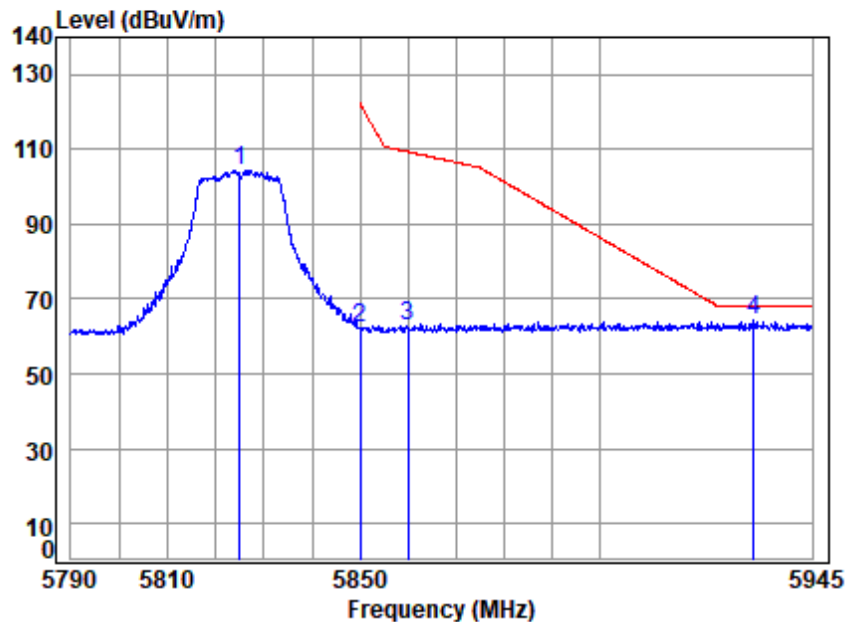


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5643.597	19.69	34.44	31.53	39.17	61.77	68.20	-6.43	peak
2 5715.000	19.81	34.27	31.57	38.59	61.10	109.40	-48.30	peak
3 5725.000	19.83	34.25	31.57	41.87	64.38	122.20	-57.82	peak
4 5745.000	19.87	34.21	31.58	80.60	103.10	-----	-----	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

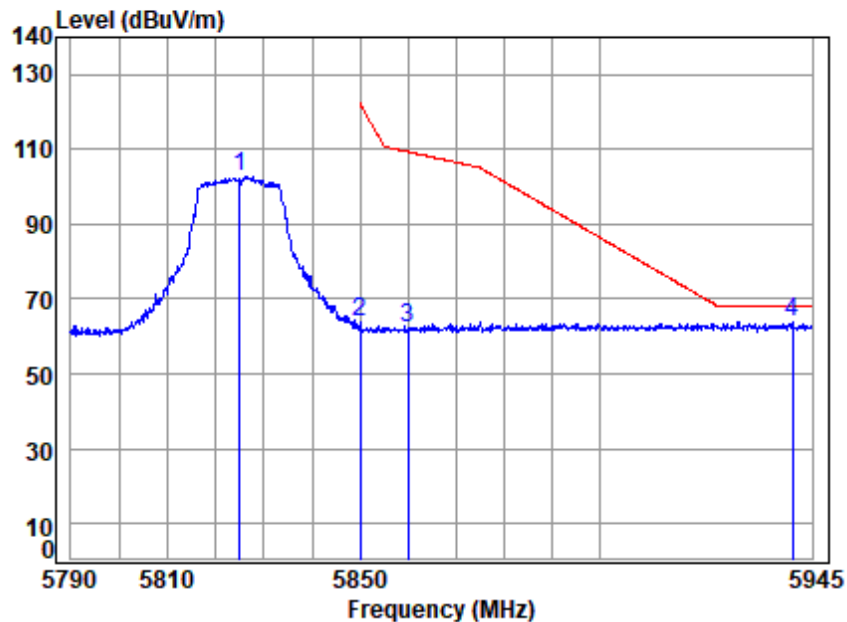


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	20.00	34.35	31.62	81.69	104.42	-----	-----	peak
2 5850.000	20.05	34.40	31.63	39.49	62.31	122.20	-59.89	peak
3 5860.000	20.06	34.44	31.64	39.72	62.58	109.40	-46.82	peak
4 p 5932.605	20.19	34.67	31.67	41.18	64.37	68.20	-3.83	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

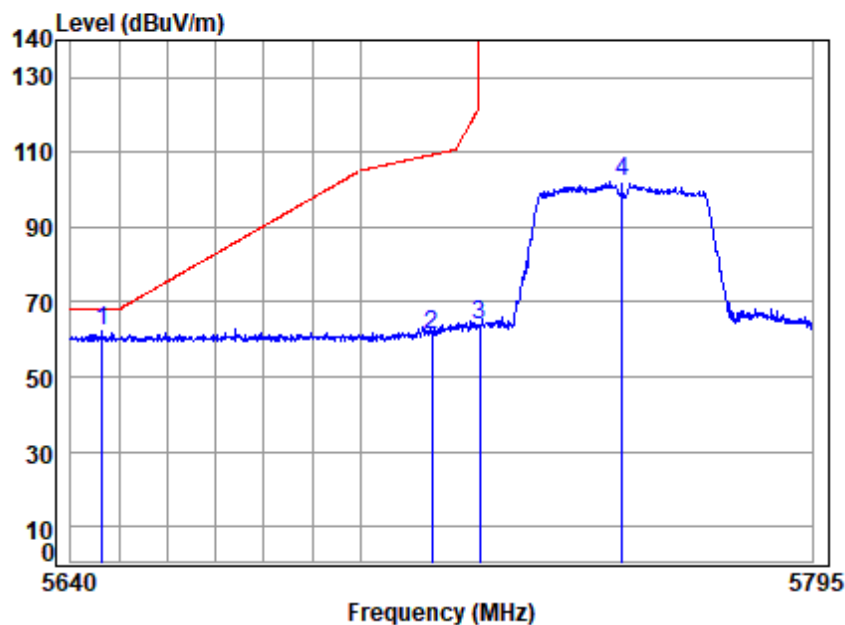


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	20.00	34.35	31.62	79.94	102.67	-----	----- peak
2	5850.000	20.05	34.40	31.63	41.07	63.89	122.20	-58.31 peak
3	5860.000	20.06	34.44	31.64	39.47	62.33	109.40	-47.07 peak
4 p	5940.918	20.20	34.68	31.67	40.60	63.81	68.20	-4.39 peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

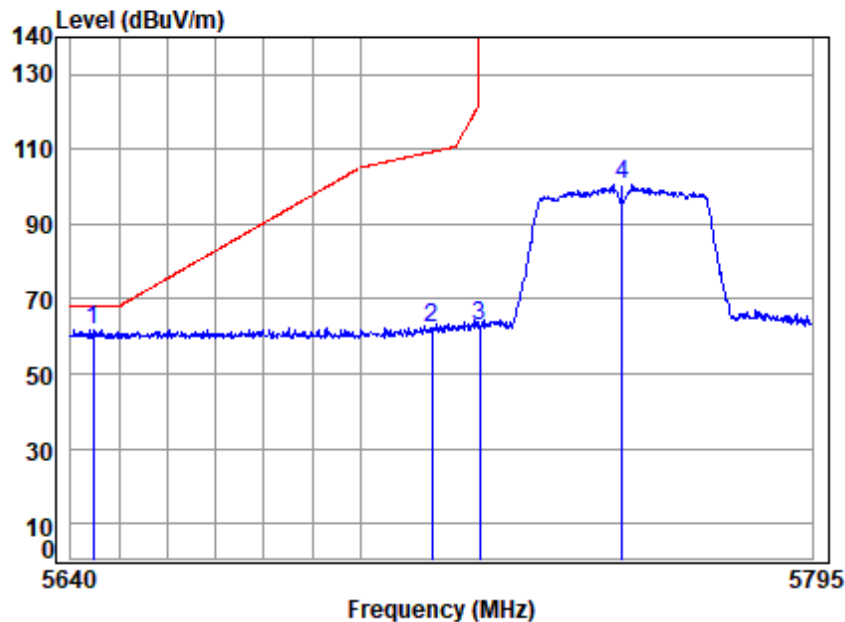


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5646.426	19.69	34.42	31.53	39.55	62.13	68.20	-6.07	peak
2 5715.000	19.81	34.27	31.57	38.68	61.19	109.40	-48.21	peak
3 5725.000	19.83	34.25	31.57	41.46	63.97	122.20	-58.23	peak
4 5755.000	19.88	34.21	31.59	79.57	102.07	-----	-----	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

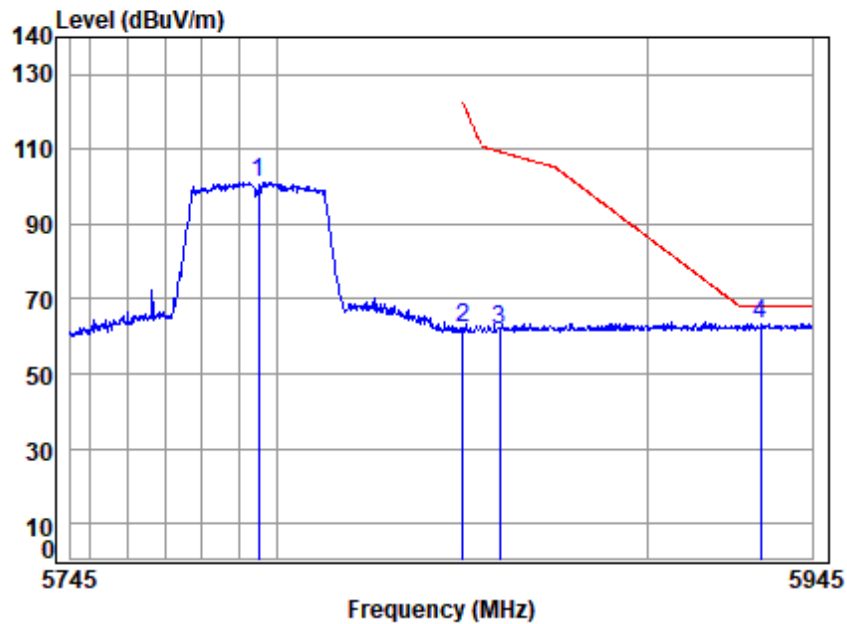


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 p 5644.742	19.69	34.43	31.53	39.19	61.78	68.20	-6.42	peak
2 5715.000	19.81	34.27	31.57	39.62	62.13	109.40	-47.27	peak
3 5725.000	19.83	34.25	31.57	40.17	62.68	122.20	-59.52	peak
4 5755.000	19.88	34.21	31.59	77.95	100.45	-----	-----	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

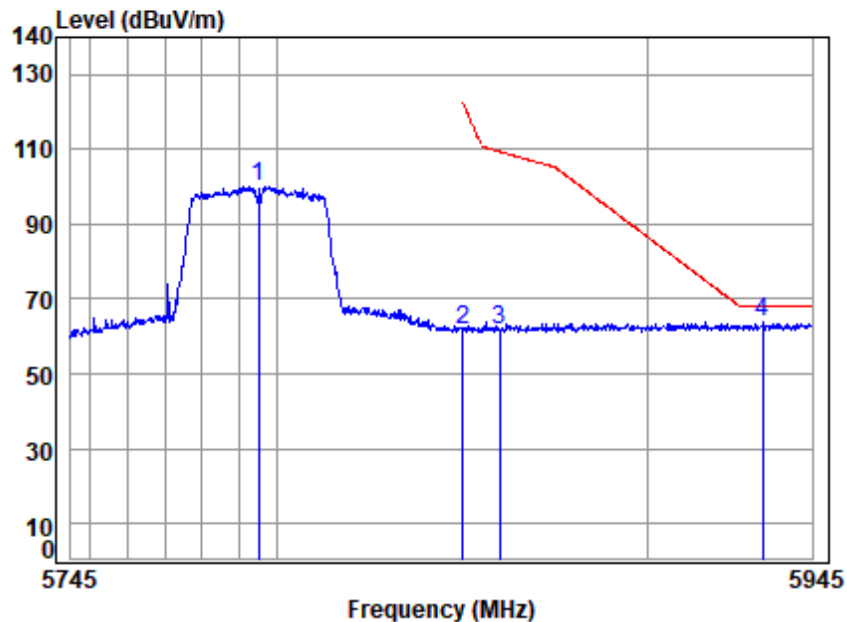


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5795 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5795.000	19.95	34.29	31.60	78.64	101.28	-----	-----	peak
2 5850.000	20.05	34.40	31.63	39.53	62.35	122.20	-59.85	peak
3 5860.000	20.06	34.44	31.64	38.83	61.69	109.40	-47.71	peak
4 p 5930.979	20.18	34.66	31.67	40.19	63.36	68.20	-4.84	peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

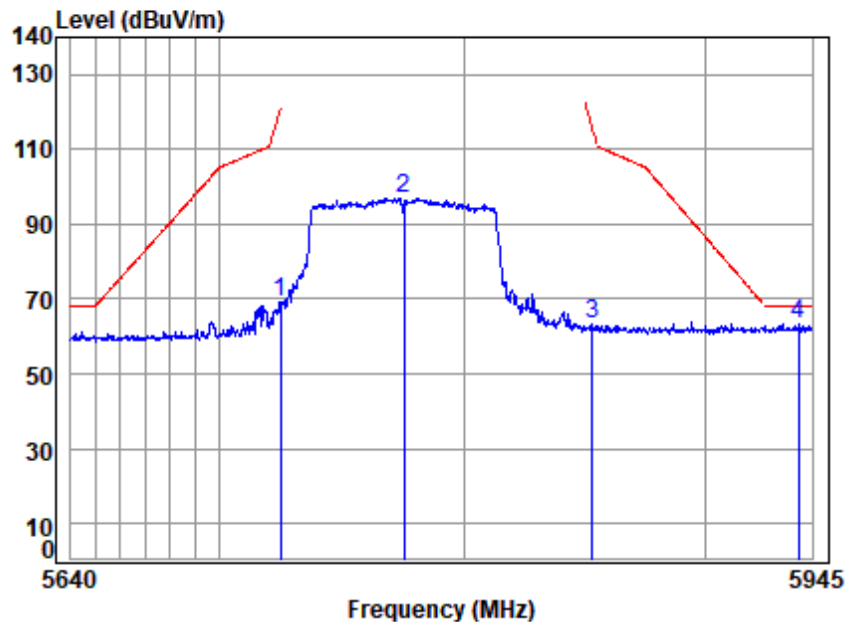


Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5795 Band edge
: 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	19.95	34.29	31.60	77.52	100.16	-----	-----	peak
2	5850.000	20.05	34.40	31.63	38.89	61.71	122.20	-60.49	peak
3	5860.000	20.06	34.44	31.64	38.71	61.57	109.40	-47.83	peak
4 p	5931.588	20.19	34.66	31.67	40.83	64.01	68.20	-4.19	peak



Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle

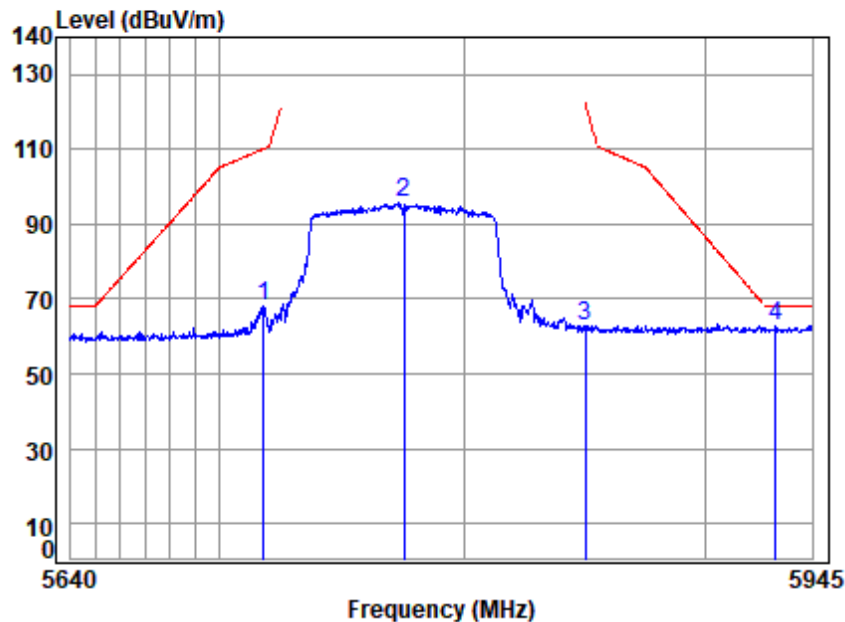


Site : chamber
Condition: 3m HORIZONTAL
Job No : 03037AT\03038AT
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5724.691	19.83	34.25	31.57	46.90	69.41	121.50	-52.09 peak
2	5775.000	19.92	34.25	31.60	74.47	97.04	-----	----- peak
3	5852.732	20.05	34.41	31.63	40.71	63.54	115.97	-52.43 peak
4 p	5939.367	20.20	34.68	31.67	40.36	63.57	68.20	-4.63 peak



Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 03037AT\03038AT
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5717.761	19.82	34.26	31.57	45.61	68.12	110.17	-42.05 peak
2	5775.000	19.92	34.25	31.60	73.17	95.74	-----	----- peak
3	5849.958	20.05	34.40	31.63	40.24	63.06	-----	----- peak
4 p	5929.678	20.18	34.66	31.67	39.70	62.87	68.20	-5.33 peak



8 Test Setup Photo

Please refer to SZCR2507003037 Appendix_Setup Photo

9 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for SZCR2507003037AT

- End of the Report -

