

TEST REPORT

Applicant Name: M5Stack Technology Co., Ltd
Address: Block A10, Expo Bay South Coast, Fuhai Street, Bao'an District, Shenzhen, China
Report Number: 2604S55447E-RF-00C
FCC ID: 2AN3WM5STAMPC5

Test Standard (s)

FCC PART 15.407

Sample Description

Product Name: M5Stamp-C5

Model No.: Stamp-C5

Trade Mark:



M5STACK

Received Date: 2026-04-29

Report Date: 2026-06-29

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

Roger Ling

Roger Ling
EMC Engineer

Approved By:

Bob Liao

Bob Liao
EMC Engineer

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2604S55447E-RF-00C	Original Report	2026-06-29

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	M5Stamp-C5
Tested Model	Stamp-C5
Nominal Power Supply [#]	DC 5V from Type-C port
Frequency Range	5G Wi-Fi: 5150-5250MHz; 5250-5350MHz 5470-5725MHz; 5725-5850MHz
Mode	802.11 a/n20/n40/ac20
Maximum Conducted Average Output Power (actual test result)	5150-5250MHz: 11.36 dBm
	5250-5350MHz: 13.54 dBm
	5470-5725MHz: 12.49 dBm
	5725-5850MHz: 11.95 dBm
Modulation Technique	OFDM
Antenna Specification [#]	External Antenna (The gain is provided by the applicant.)
	5150-5250MHz Gain: 0.99 dBi
	5250-5350MHz Gain: 0.99 dBi
	5470-5725MHz Gain: 4.08 dBi
	5725-5850MHz Gain: 3.29 dBi
Sample Serial Number	For CE&RSE Test: 3KXV-2 For RF Conducted Test: 3KXV-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition
Note: The device is belong a client device.	

Objective

This type approval report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And KDB789033D02 General U-NII Test Procedures New Rules v02r01.

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		5 %
RF Frequency		0.064×10^{-7}
RF output power, conducted		0.3 dB
Unwanted Emission, conducted		1.2 dB
AC Power Lines Conducted Emissions		2.7 dB
Emissions, Radiated	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
	18GHz - 26.5GHz	5.2 dB
	26.5GHz - 40GHz	4.6 dB
Temperature		1 °C
Humidity		2 %
Supply voltages		0.4 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

For 5150-5250MHz, 6 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
36	5180	38	5190	40	5200	44	5220
46	5230	48	5240	/	/	/	/

For 802.11a/n20/ac20, Channel 36, 40 and 48 were tested.

For 802.11n40, Channel 38, 46 were tested.

For 5250-5350MHz, 6 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
52	5260	54	5270	56	5280	60	5300
62	5310	64	5320	/	/	/	/

For 802.11a/n20/ac20, Channel 52, 60 and 64 were tested.

For 802.11n40, Channel 54, 62 were tested.

For 5470-5725MHz, 18 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
100	5500	102	5510	104	5520	108	5540
110	5550	112	5560	116	5580	118	5590
120	5600	124	5620	126	5630	128	5640
132	5660	134	5670	136	5680	140	5700
142	5710	144	5720	/	/	/	/

For 802.11 a/n20/ac20, Channel 100, 116, 140 and 144 were tested.

For 802.11n40, Channel 102, 110, 134 and 142 were tested.

The Cross Frequency: 5710MHz, 5720MHz(Limits come from 5G WIFI B3)

For 5725-5850MHz, 7 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
149	5745	151	5755	153	5765	157	5785
159	5795	161	5805	165	5825	/	/

For 802.11a/n20/ac20, Channel 149, 157 and 165 were tested.

For 802.11n40, Channel 151 and 159 were tested.

EUT Exercise Software and Power Level #

Exercise Software:	EspRFTestTool	
For 5150-5250MHz:		
Mode	Data Rate	Power Level
802.11 a	6Mbps	10
802.11 n20	MCS0	10
802.11 n40	MCS0	10
802.11 ac20	MCS0	10
For 5250-5350MHz:		
Mode	Data Rate	Power Level
802.11 a	6Mbps	10
802.11 n20	MCS0	10
802.11 n40	MCS0	10
802.11 ac20	MCS0	10
For 5470-5725MHz:		
Mode	Data Rate	Power Level
802.11 a	6Mbps	18
802.11 n20	MCS0	18
802.11 n40	MCS0	18
802.11 ac20	MCS0	18
For 5725-5850MHz:		
Mode	Data Rate	Power Level
802.11 a	6Mbps	24
802.11 n20	MCS0	24
802.11 n40	MCS0	24
802.11 ac20	MCS0	24

Note 1: The information in the above table is provided by the applicant.

Note 2: The worse-case data rates are determined to be as above for each mode based upon investigations by measuring the output power and PSD across all data rates, bandwidths and modulations.

Special Accessories and Equipment Modifications

No special accessories or modifications were used on the device under test (EUT) during the test.

Support Equipment List and Details

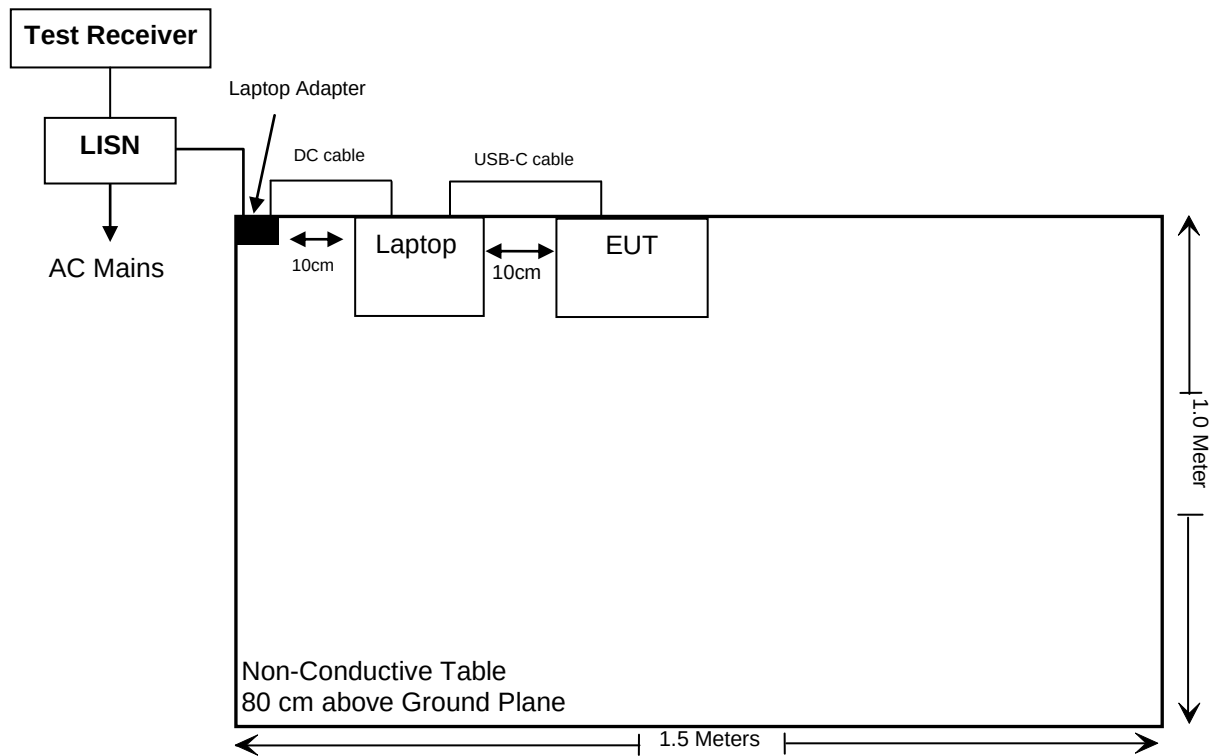
Manufacturer	Description	Model	Serial Number
LENOVO	Laptop	ThinkPad T470	Unknown
Lenovo	Laptop Adapter	ADLX65NLC3A	11S45N0257Z1ZX1773 ND2K

External I/O Cable

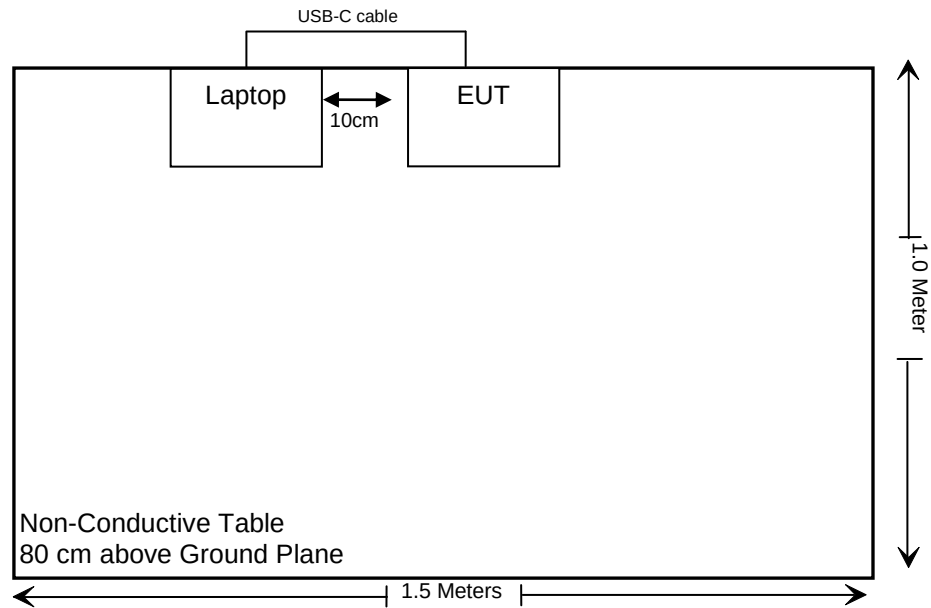
Cable Description	Shielding Type	Length (m)	From Port	To
AC Cable	No	1.2	LISN	Laptop Adapter
DC Cable	No	1.5	Laptop Adapter	Laptop
USB-C cable	No	1.2	EUT	Laptop

Block Diagram of Test Setup

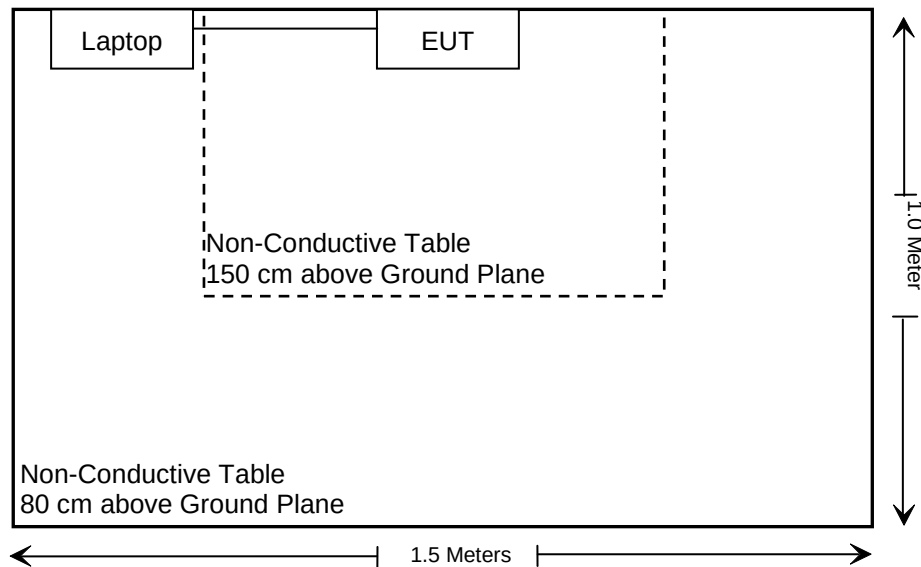
For Conducted Emission:



For Radiated Emission(Below 1G):



For Radiated Emission(Above 1G):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.407(b)(9) & §15.207(a)	Conducted Emissions	Compliance
§15.205 & §15.209 & §15.407(b)	Undesirable Emission and Restricted Bands	Compliance
§15.407(a), (e)	Bandwidth	Compliance
§15.407(a)	Conducted Transmitter Output Power	Compliance
§15.407(a)	Power Spectral Density	Compliance
§15.407(h)(1)	Transmit Power Control (TPC)	Not Applicable
§15.407(h)(2)	Dynamic Frequency Selection (DFS)	Compliance*

Not Applicable: The device does not support this function.

Compliance*: Please refer to the DFS report: 2604S55447E-RF-00D.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	100784	2026/05/07	2027/05/06
Rohde & Schwarz	L.I.S.N.	ENV216	101314	2026/05/07	2027/05/06
Anritsu Corp	50 Coaxial Switch	MP59B	6100237248	2026/05/07	2027/05/06
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	100312	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.17	N0350	2026/05/07	2027/05/06
Test Software: e3 191218 (V9)					
Radiated Spurious Emission Test (Below 1GHz)					
Rohde & Schwarz	Test Receiver	ESR	102725	2026/05/07	2027/05/06
SONOMA INSTRUMENT	Amplifier	310N	186131	2026/01/20	2027/01/19
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.13	N300	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.14	N800	2026/05/07	2027/05/06
BACL	LOOP ANTENNA	1313-1A	3110711	2024/01/16	2027/01/15
Test Software: e3 191218 (V9)					
Radiated Spurious Emission Test (Above 1GHz)					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101948	2026/05/07	2027/05/06
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2026/05/07	2027/05/06
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2026/05/07	2027/05/06
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2026/01/20	2027/01/19
Schwarzbeck	Horn Antenna	BBHA9120D	837	2026/01/29	2029/01/30
Unknown	RF Coaxial Cable	No.10	N050	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.11	N1000	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.19	N500	2026/05/07	2027/05/06
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11
BACL	Amplifier	BACL-1313-A 1840	4012521	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.15	N600	2026/05/07	2027/05/06
Unknown	RF Coaxial Cable	No.16	N650	2026/05/07	2027/05/06
Test Software: e3 191218 (V9)					
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSV-40	101590	2025/09/17	2026/09/16
Anritsu	Microwave Peak Power Sensor	MA24418A	12619	2026/01/20	2027/01/19
WEINSCHL	10dB Attenuator	5324	AU 3842	2026/01/20	2027/01/19
Test Software: JDAutoTestSystem V1.0.0					

*** Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, 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 shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407 (a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has one external antenna arrangement, which used a unique coupling to the EUT, and it fulfills the requirement of this section. Please refer to the EUT photos.

Frequency Range	Antenna Gain [#]
5150-5250MHz	0.99 dBi
5250-5350MHz	0.99 dBi
5470-5725MHz	4.08 dBi
5725-5850MHz	3.29 dBi

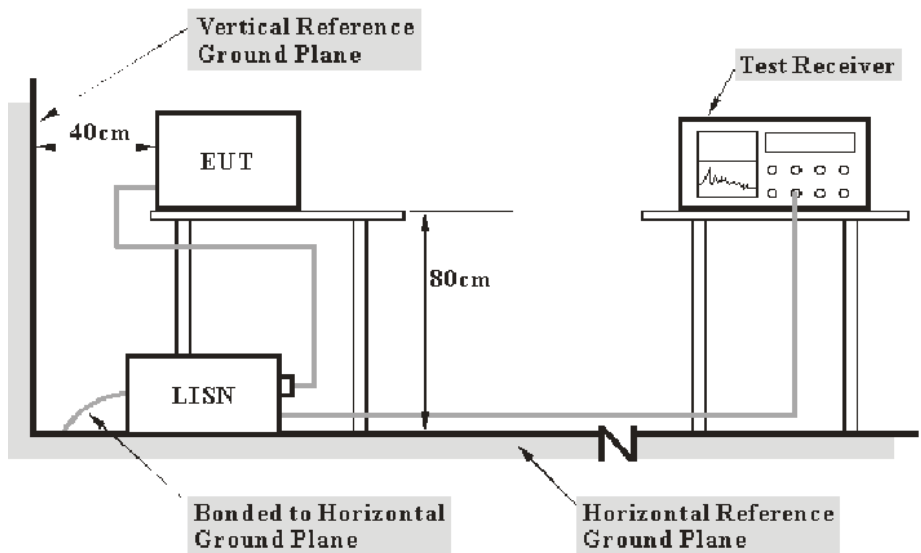
Result: Compliance.

AC CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207, §15.407(b) (9)

EUT Setup



- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss} + 10\text{dB Attenuation(Limiter)}$$

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

$$\text{Over Limit} = \text{Level} - \text{Limit}$$

$$\text{Level} = \text{Read Level} + \text{Factor}$$

Test Data

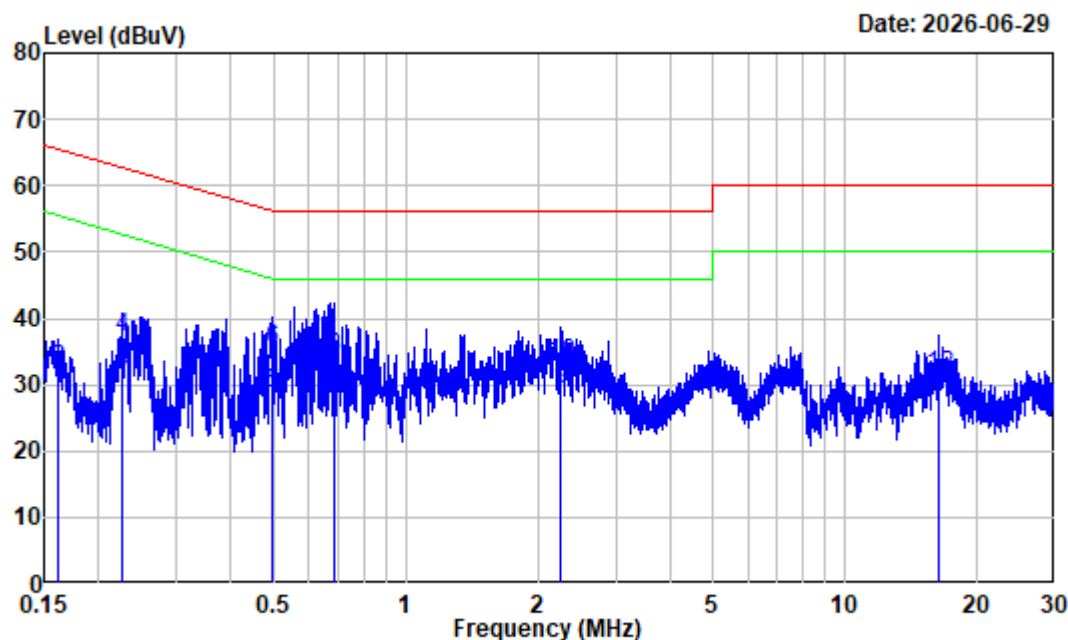
Environmental Conditions

Temperature:	24.6 °C
Relative Humidity:	44 %
ATM Pressure:	100.3 kPa
Test Engineer:	Homelander Dai
Test Date:	2026-06-29
EUT Operation Mode:	5G WIFI Transmitting

Test Result: Compliance, please refer to the below data.

Note: The maximum output power mode and channel was tested: 802.11a High channel 5320MHz.

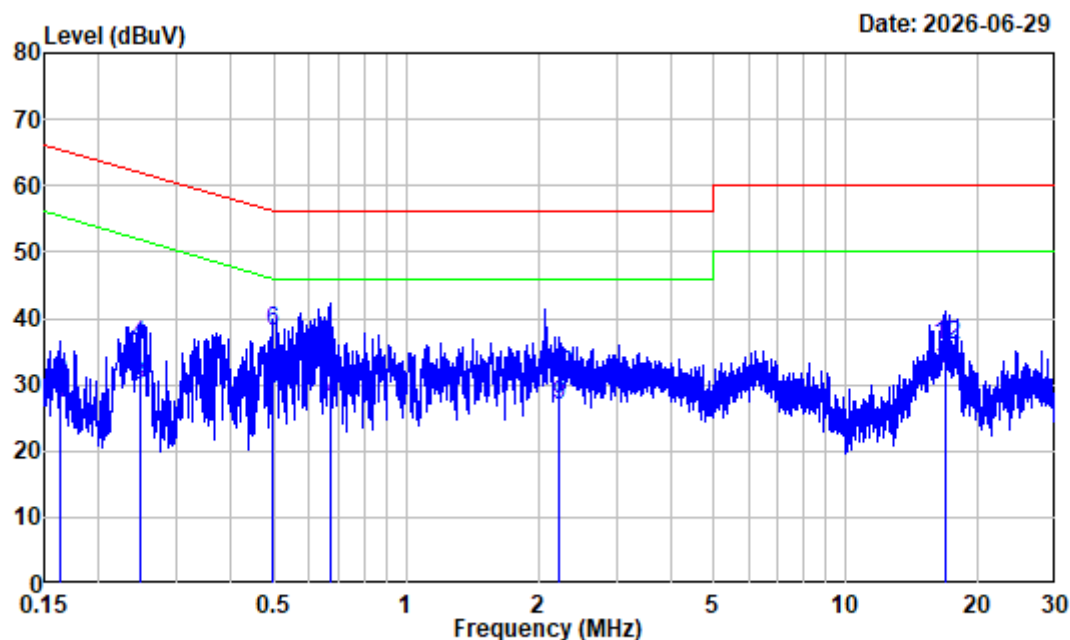
AC 120V/60Hz, Line:



Site : Shielding Room
 Condition : Line
 Job No. : 2604S55447E-RF
 Test Mode : 5G WIFI Transmitting
 Tester : Homelander Dai
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.161	19.80	10.92	30.72	55.39	-24.67	Average
2	0.161	19.80	12.51	32.31	65.39	-33.08	QP
3	0.226	20.10	11.84	31.94	52.60	-20.66	Average
4	0.226	20.10	17.09	37.19	62.60	-25.41	QP
5	0.496	20.02	8.77	28.79	46.07	-17.28	Average
6	0.496	20.02	15.24	35.26	56.07	-20.81	QP
7	0.684	20.03	8.22	28.25	46.00	-17.75	Average
8	0.684	20.03	14.14	34.17	56.00	-21.83	QP
9	2.259	20.45	8.76	29.21	46.00	-16.79	Average
10	2.259	20.45	12.81	33.26	56.00	-22.74	QP
11	16.388	19.48	8.06	27.54	50.00	-22.46	Average
12	16.388	19.48	11.80	31.28	60.00	-28.72	QP

AC 120V/60Hz, Neutral:



Site : Shielding Room
 Condition : Neutral
 Job No. : 2604S55447E-RF
 Test Mode : 5G WIFI Transmitting
 Tester : Homelander Dai
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.163	19.43	7.73	27.16	55.31	-28.15	Average
2	0.163	19.43	10.85	30.28	65.31	-35.03	QP
3	0.247	19.63	10.22	29.85	51.86	-22.01	Average
4	0.247	19.63	16.34	35.97	61.86	-25.89	QP
5	0.496	20.02	9.32	29.34	46.07	-16.73	Average
6	0.496	20.02	17.96	37.98	56.07	-18.09	QP
7	0.672	20.03	8.10	28.13	46.00	-17.87	Average
8	0.672	20.03	10.07	30.10	56.00	-25.90	QP
9	2.228	20.00	6.93	26.93	46.00	-19.07	Average
10	2.228	20.00	11.48	31.48	56.00	-24.52	QP
11	16.917	19.99	12.22	32.21	50.00	-17.79	Average
12	16.917	19.99	15.78	35.77	60.00	-24.23	QP

UNDESIRABLE EMISSION AND RESTRICTED BANDS

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

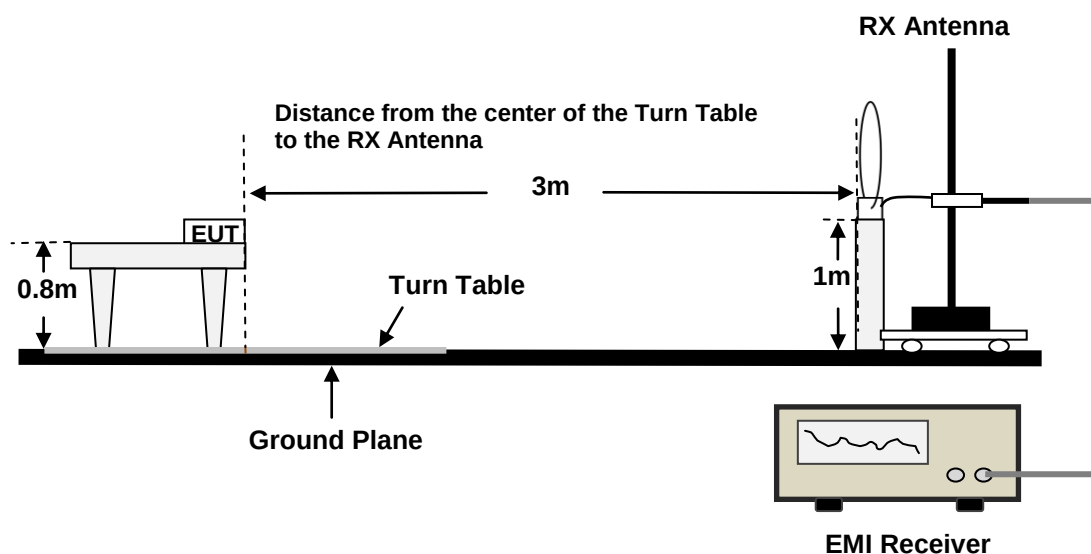
(b) Undesirable emission limits. Except as shown in paragraph (b) (7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

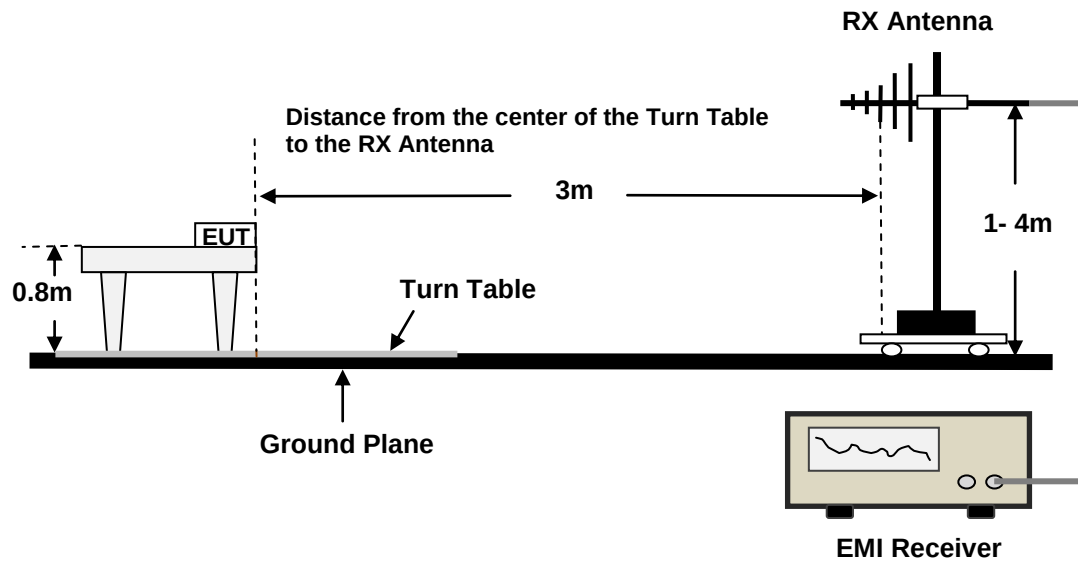
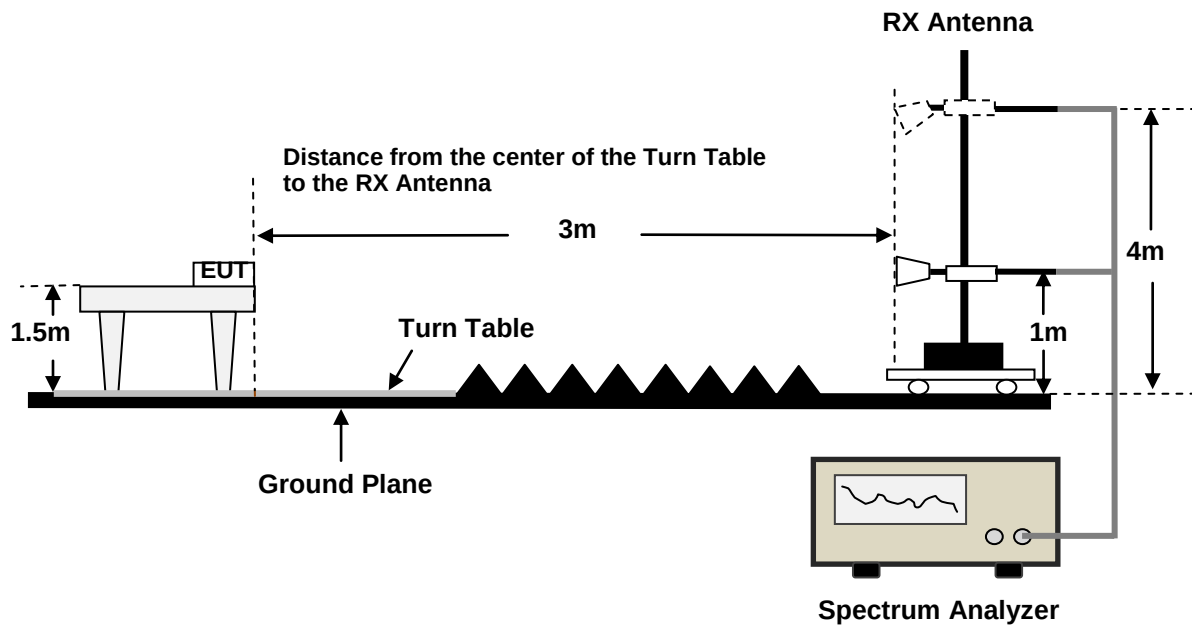
- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.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

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

9kHz - 30MHz:



30MHz - 1GHz:**Above 1GHz:**

The radiated emission performed in the 3 meters, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, FCC 15.407 limits.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9kHz to 40GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz - 1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9kHz - 150kHz	PK	0.3kHz	1kHz	/	PK
	QP/AV	/	/	200Hz	QP/AV
150kHz - 30MHz	PK	10kHz	30kHz	/	PK
	QP/AV	/	/	9kHz	QP/AV
30MHz - 1000MHz	PK	100kHz	300kHz	/	PK
	QP	/	/	120kHz	QP

1GHz -40GHz:

Pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	Peak	Any	1MHz	3MHz
Ave.	Peak	>98%	1MHz	5kHz
		<98%	1MHz	≥1/T, no less than 3kHz

Final measurement for emission identified during the pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	Peak	Any	1MHz	3MHz
Ave.	Peak	>98%	1MHz	10Hz
		<98%	1MHz	≥1/T

Note 1: T is minimum transmission duration

Note 2: The 1GHz-18GHz testing use the notch filter.

Note 3: The band edge testing use 10dB attenuator.

Note 4: The filters and attenuators are all integrated within the filter switch unit.

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

According to FCC §15.209(e), the provisions in §15.31, 15.33, and 15.35 for measuring emissions at distances other than the distances specified in the above table, determining the frequency range over which radiated emissions are to be measured, and limiting peak emissions apply to all devices operated under this part.

According to FCC§15.31 measurement standard (f)(2), at frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

For 9kHz-30MHz, test distance is 3m, extrapolation limit shall be calculated using Equation:

$$E_{\text{limit-measure}} = E_{\text{limit-Standard}} + 40 \times \log_{10}\left(\frac{d_{\text{Standard}}}{d_{\text{measure}}}\right)$$

Note 1: If the maximized peak measured value is under the QP/Average limit by more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Note 2: For above 1GHz, the test result of peak was 20dB below to the limit of peak, which can be compliant to the average limit, so just peak value was recorded.

Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Over Limit/Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

$$\begin{aligned} \text{Over Limit/Margin} &= \text{Level / Corrected Amplitude} - \text{Limit} \\ \text{Level / Corrected Amplitude} &= \text{Read Level} + \text{Factor} \end{aligned}$$

Test Data

For Radiated Spurious Emissions, after pre-scan testing in the X, Y and Z axes of orientation, the worst case as setup photos was recorded.

9kHz-1GHz

Environmental Conditions

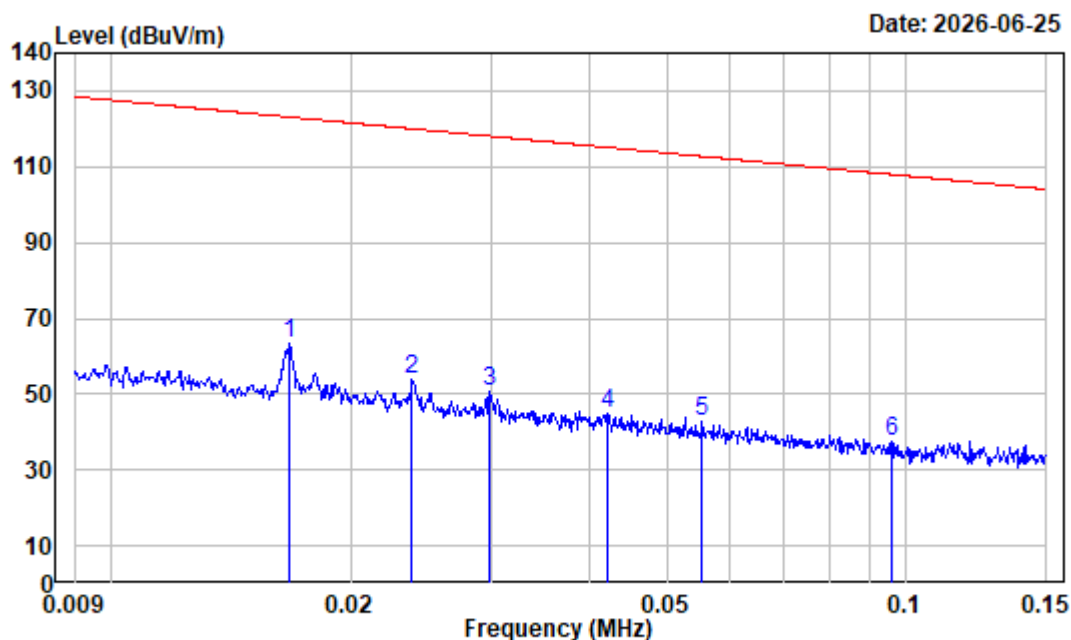
Temperature:	25.2 °C
Relative Humidity:	48 %
ATM Pressure:	100.3 kPa
Test Engineer:	Jayden Luo
Test Date:	2026-06-25
EUT Operation Mode:	5G WIFI Transmitting

Test Result: Compliance, please refer to the below data.

Note 1: The Loop Antenna were tested in parallel, perpendicular, and ground-parallel. The worst orientation was parallel and the data was recorded in report.

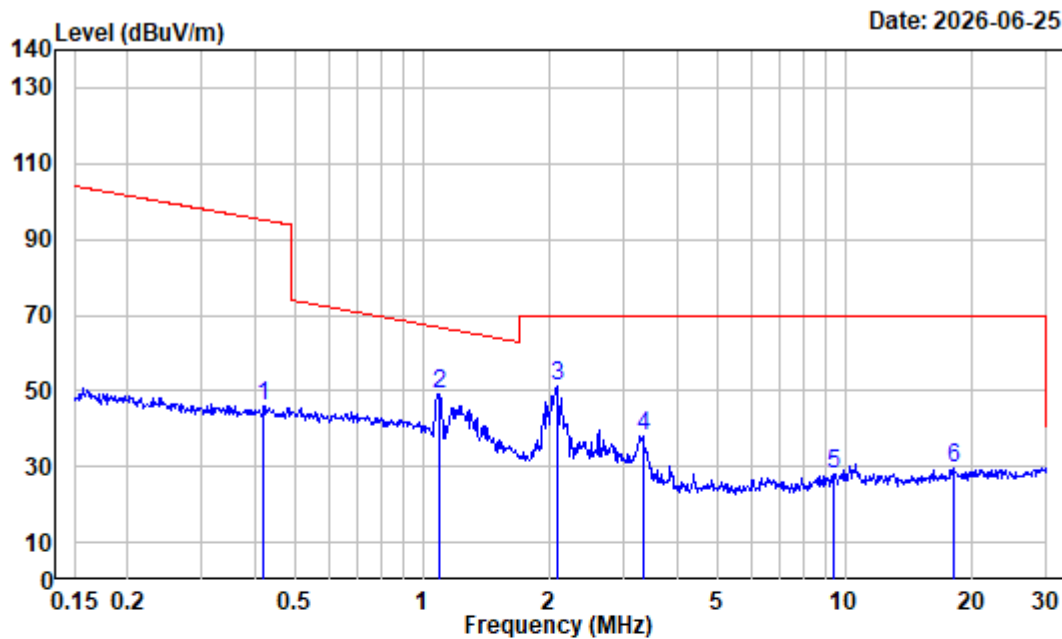
Note 2: The maximum output power mode and channel was tested: 802.11a High channel 5320MHz.

9kHz~30MHz:



Site : chamber
 Condition : 3m
 Job No. : 2604S55447E-RF
 Polarization : Parallel Tester: Jayden Luo
 Test Mode : 5G WIFI Transmitting
 Receiver Setting: RBW:300Hz VBW:1kHz

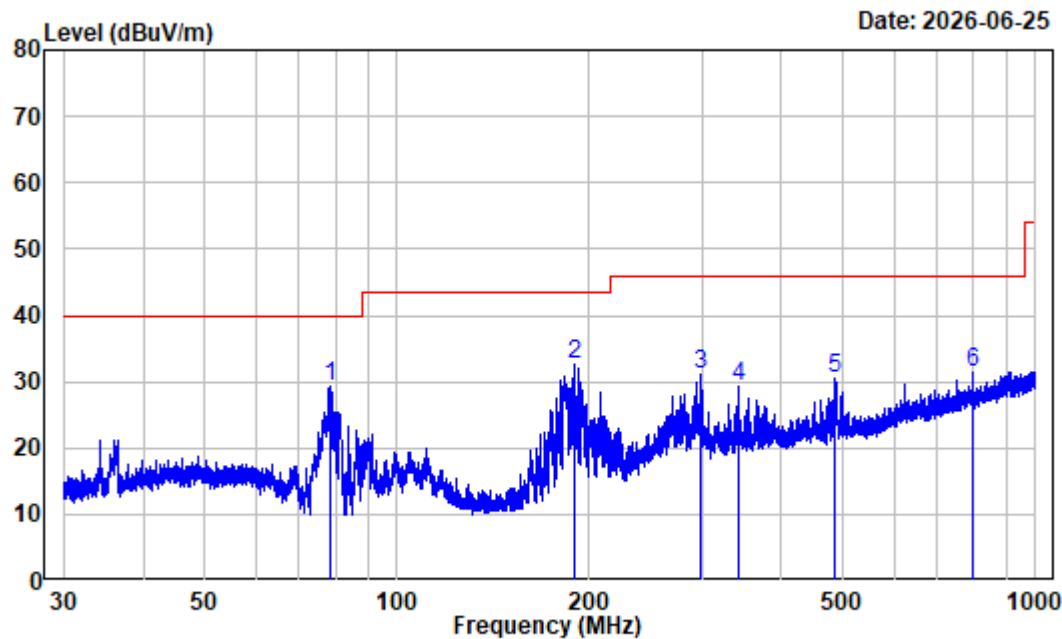
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.017	32.83	30.30	63.13	123.12	-59.99	Peak
2	0.024	29.66	24.00	53.66	120.04	-66.38	Peak
3	0.030	27.02	23.77	50.79	118.11	-67.32	Peak
4	0.042	24.46	20.52	44.98	115.13	-70.15	Peak
5	0.055	22.04	20.56	42.60	112.73	-70.13	Peak
6	0.096	16.87	20.84	37.71	107.97	-70.26	Peak



Site : chamber
Condition : 3m
Job No. : 2604S55447E-RF
Polarization : Parallel Tester: Jayden Luo
Test Mode : 5G WIFI Transmitting
Receiver Setting: RBW:10kHz VBW:30kHz

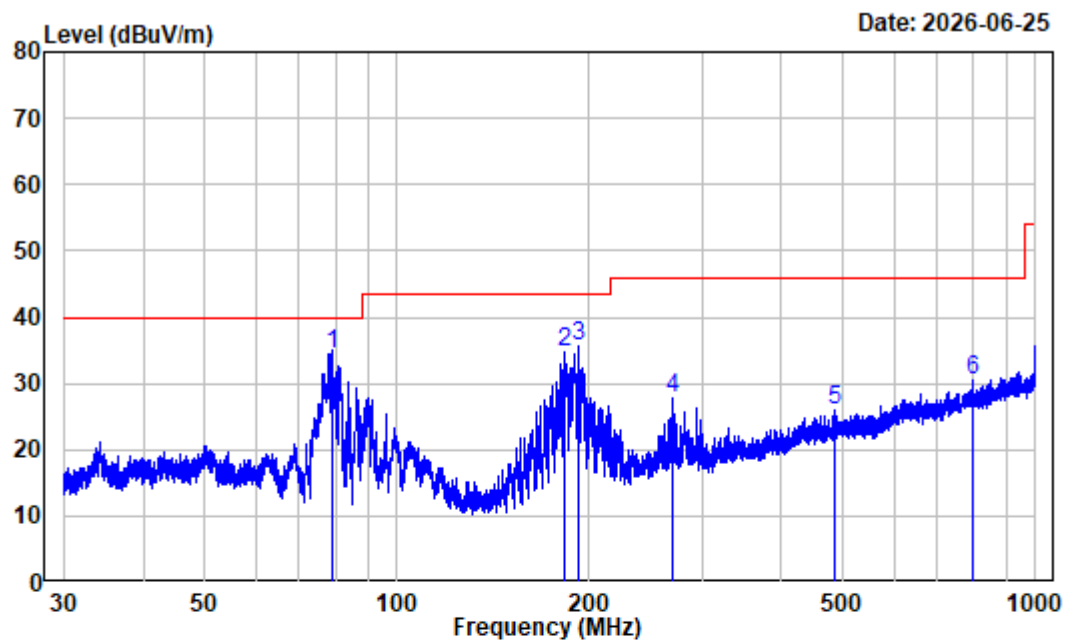
	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.421	4.85	41.15	46.00	95.11	-49.11	Peak
2	1.094	-2.17	51.26	49.09	66.68	-17.59	Peak
3	2.077	-5.42	56.86	51.44	69.54	-18.10	Peak
4	3.328	-5.98	44.08	38.10	69.54	-31.44	Peak
5	9.401	-5.45	33.65	28.20	69.54	-41.34	Peak
6	18.135	-3.78	33.27	29.49	69.54	-40.05	Peak

30MHz~1GHz:



Site : chamber
Condition : 3m HORIZONTAL
Job No. : 2604S55447E-RF Tester: Jayden Luo
Test Mode : 5G WIFI Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	78.827	-16.59	45.85	29.26	40.00	-10.74	Peak
2	189.905	-10.36	43.03	32.67	43.50	-10.83	Peak
3	298.007	-8.89	40.01	31.12	46.00	-14.88	Peak
4	341.679	-6.93	36.13	29.20	46.00	-16.80	Peak
5	486.248	-4.13	34.54	30.41	46.00	-15.59	Peak
6	800.031	0.24	31.31	31.55	46.00	-14.45	Peak



Site : chamber
Condition : 3m VERTICAL
Job No. : 2604S55447E-RF Tester: Jayden Luo
Test Mode : 5G WIFI Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	79.034	-16.61	50.98	34.37	40.00	-5.63	QP
2	182.719	-12.03	46.69	34.66	43.50	-8.84	Peak
3	191.997	-10.13	45.69	35.56	43.50	-7.94	Peak
4	270.256	-9.67	37.33	27.66	46.00	-18.34	Peak
5	486.248	-4.13	29.95	25.82	46.00	-20.18	Peak
6	799.330	0.24	30.14	30.38	46.00	-15.62	Peak

1GHz-40GHz

Environmental Conditions

Temperature:	24.5 to 25.6 °C
Relative Humidity:	53 to 56 %
ATM Pressure:	100.6 kPa
Test Engineer:	Angel Chen
Test Date:	2026-05-19 to 2026-06-08
EUT Operation Mode:	Transmitting

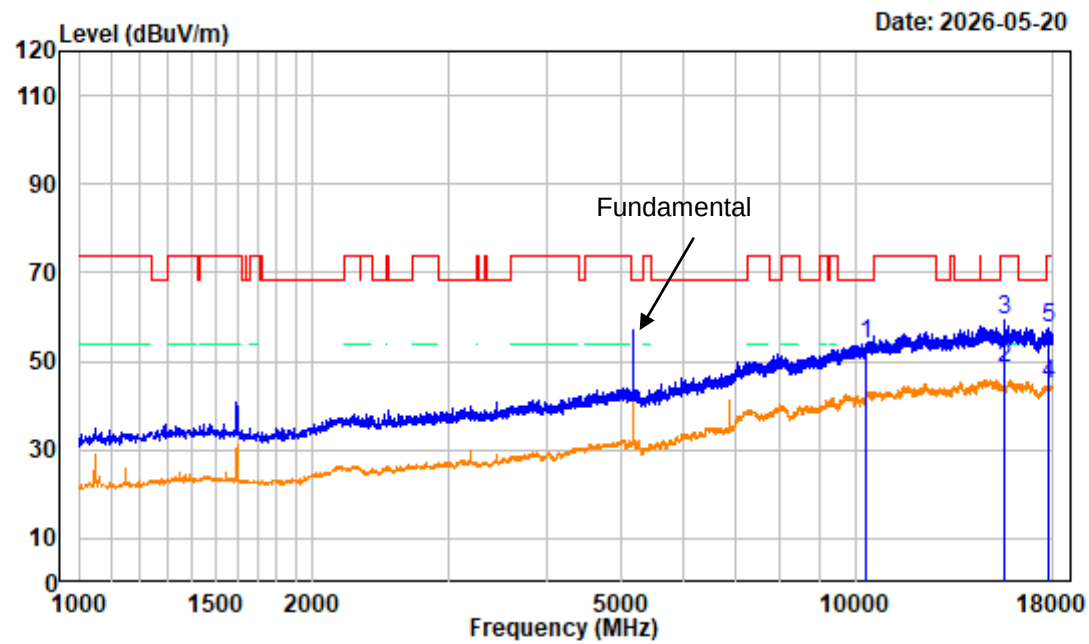
Test Result: Compliance, please refer to the below data.

Note 1: For 1GHz-18GHz, the fundamental with band reject filter.

Note 2: For 18GHz-40GHz, the pre-scan maximum output power mode and channel was tested: 802.11a High channel 5320MHz.

For Band 1

5G WIFI 802.11a Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

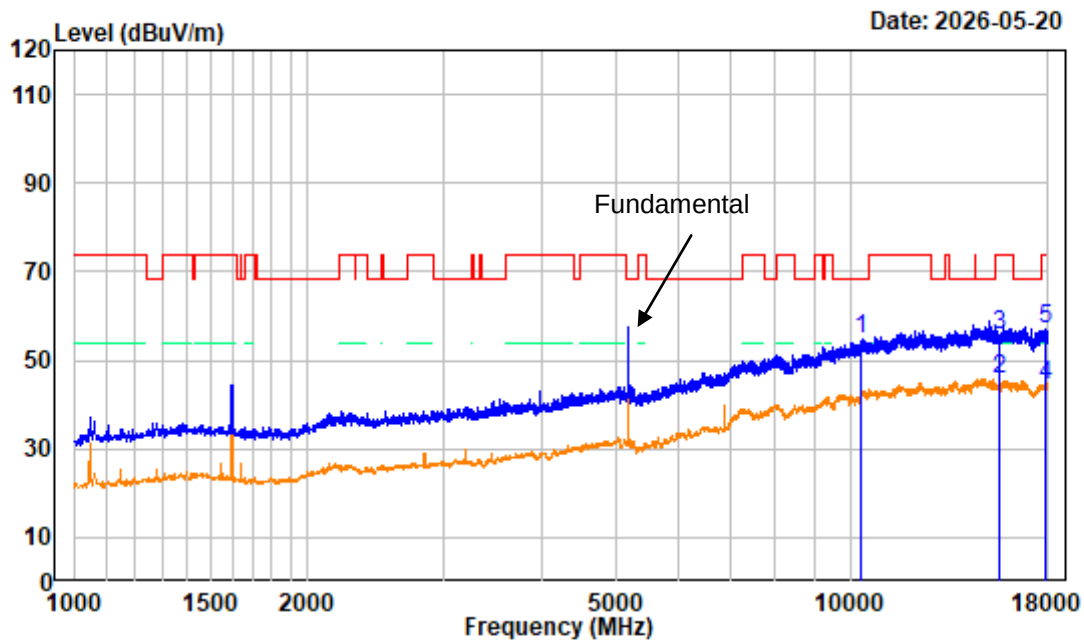
Tester:Angel Chen

Note : 5G WIFI 802.11a Low Channel 5180MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10360.000	3.88	49.98	53.86	68.20	-14.34	Peak
2 15540.000	6.17	42.15	48.32	54.00	-5.68	Average
3 15540.000	6.17	53.08	59.25	74.00	-14.75	Peak
4 17715.250	7.38	37.42	44.80	54.00	-9.20	Average
5 17715.250	7.38	50.26	57.64	74.00	-16.36	Peak

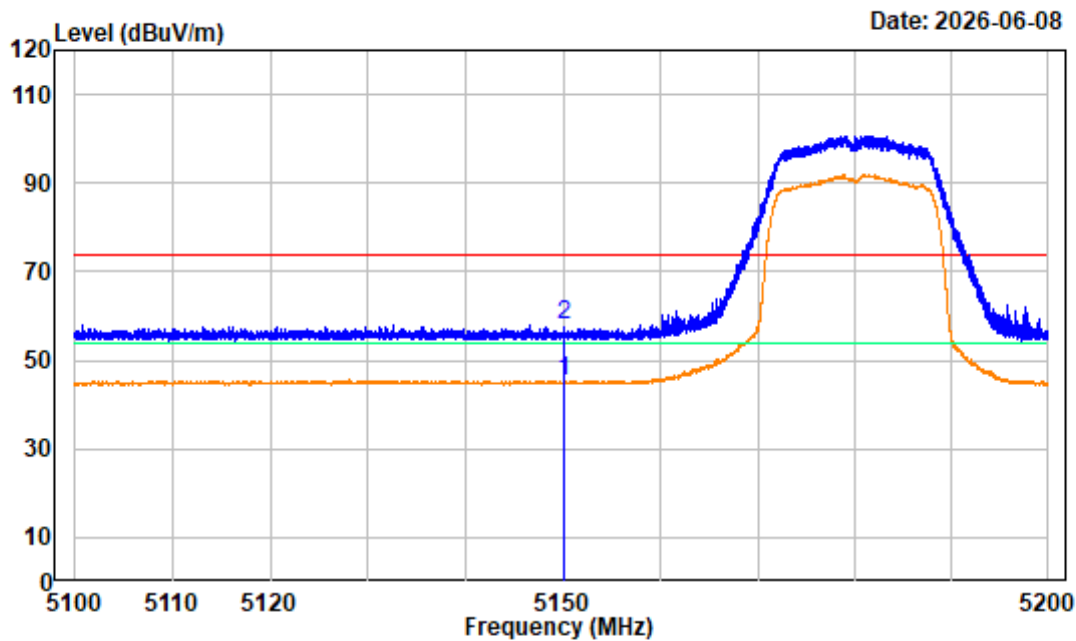
5G WIFI 802.11a Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5180MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10360.000	3.88	50.78	54.66	68.20	-13.54	Peak
2 15540.000	6.17	39.39	45.56	54.00	-8.44	Average
3 15540.000	6.17	49.34	55.51	74.00	-18.49	Peak
4 17889.500	7.27	36.94	44.21	54.00	-9.79	Average
5 17889.500	7.27	49.60	56.87	74.00	-17.13	Peak

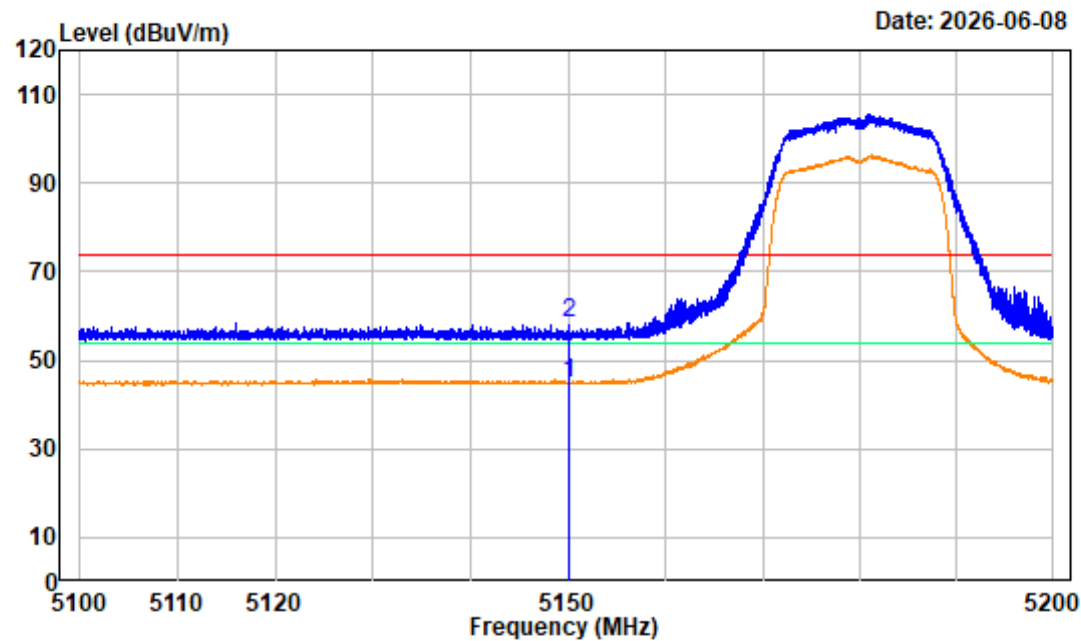
5G WIFI 802.11a Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5180MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.17	45.12	54.00	-8.88 Average
2	5150.000	-6.05	64.23	58.18	74.00	-15.82 Peak

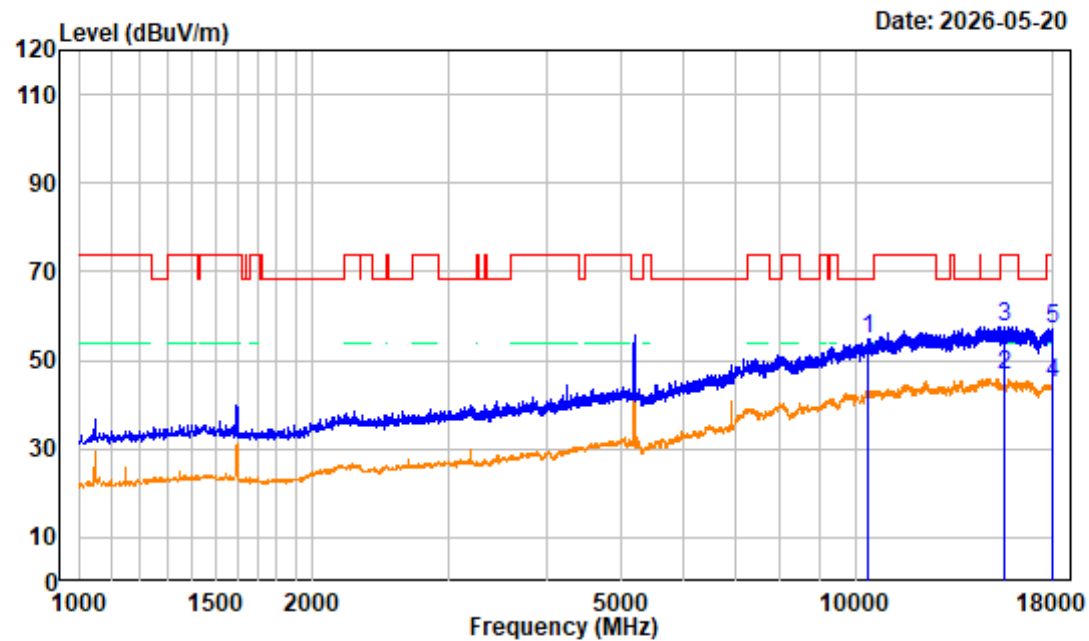
5G WIFI 802.11a Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5180MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.09	45.04	54.00	-8.96 Average
2	5150.000	-6.05	64.32	58.27	74.00	-15.73 Peak

5G WIFI 802.11a Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

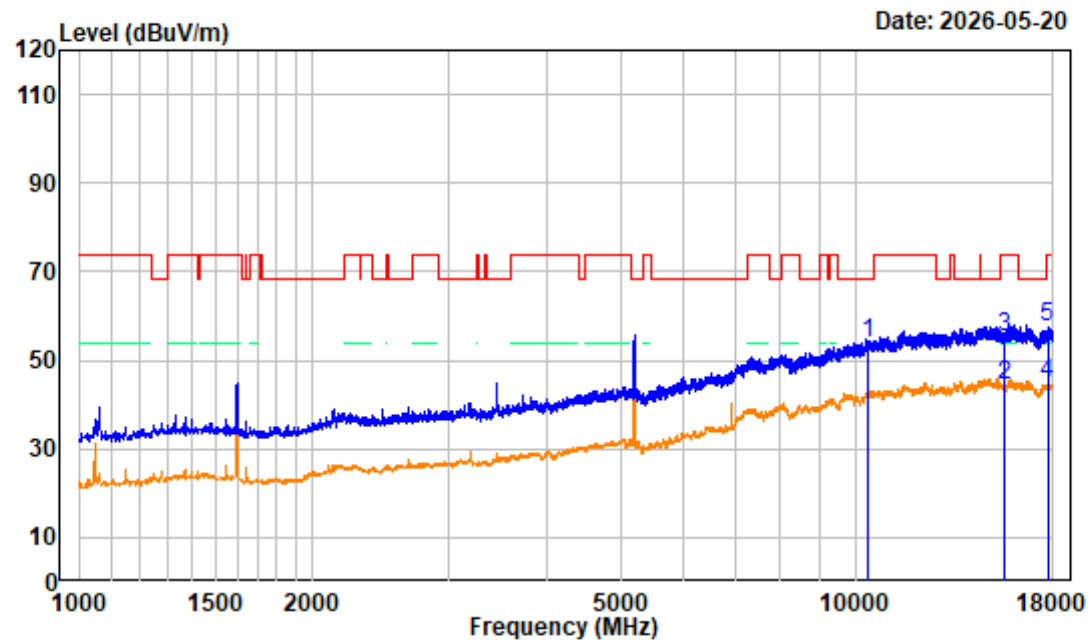
Tester:Angel Chen

Note : 5G WIFI 802.11a Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10400.000	4.07	50.52	54.59	68.20	-13.61	Peak
2 15600.000	5.94	40.59	46.53	54.00	-7.47	Average
3 15600.000	5.94	51.57	57.51	74.00	-16.49	Peak
4 17938.380	7.31	37.47	44.78	54.00	-9.22	Average
5 17938.380	7.31	49.79	57.10	74.00	-16.90	Peak

5G WIFI 802.11a Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

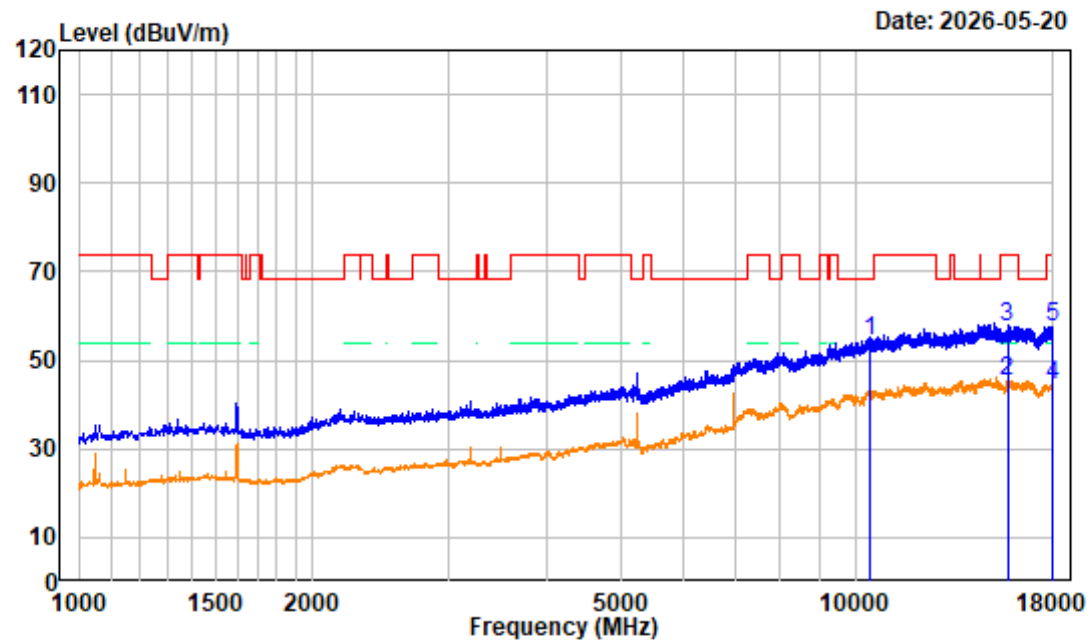
Tester:Angel Chen

Note : 5G WIFI 802.11a Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10400.000	4.07	50.02	54.09	68.20	-14.11	Peak
2 15600.000	5.94	38.37	44.31	54.00	-9.69	Average
3 15600.000	5.94	49.50	55.44	74.00	-18.56	Peak
4 17704.630	7.41	37.19	44.60	54.00	-9.40	Average
5 17704.630	7.41	49.93	57.34	74.00	-16.66	Peak

5G WIFI 802.11a High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

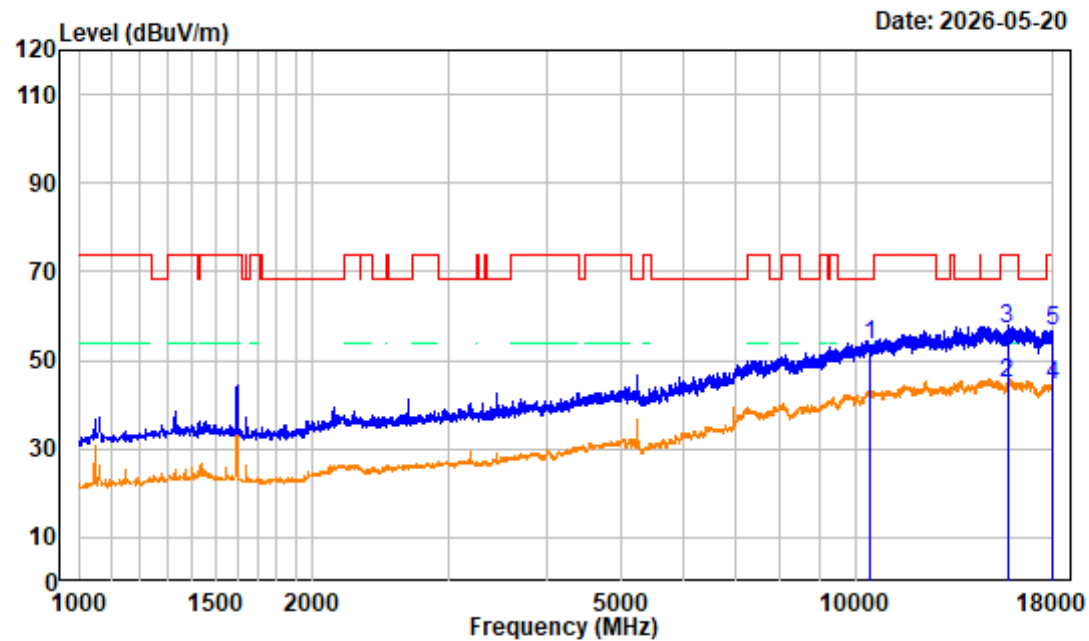
Tester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10480.000	3.98	50.48	54.46	68.20	-13.74	Peak
2 15720.000	6.16	39.21	45.37	54.00	-8.63	Average
3 15720.000	6.16	51.26	57.42	74.00	-16.58	Peak
4 17923.500	7.28	37.30	44.58	54.00	-9.42	Average
5 17923.500	7.28	50.29	57.57	74.00	-16.43	Peak

5G WIFI 802.11a High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

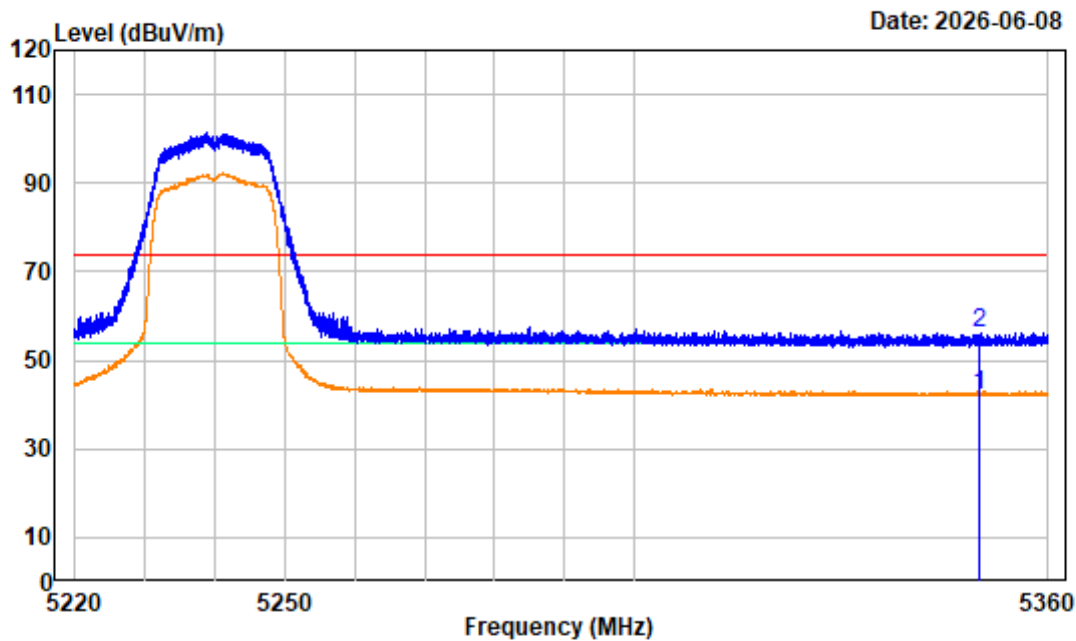
Note : 5G WIFI 802.11a High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Tester:Angel Chen

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10480.000	3.98	49.24	53.22	68.20	-14.98	Peak
2 15720.000	6.16	38.61	44.77	54.00	-9.23	Average
3 15720.000	6.16	51.04	57.20	74.00	-16.80	Peak
4 17995.750	7.78	36.49	44.27	54.00	-9.73	Average
5 17995.750	7.78	48.93	56.71	74.00	-17.29	Peak

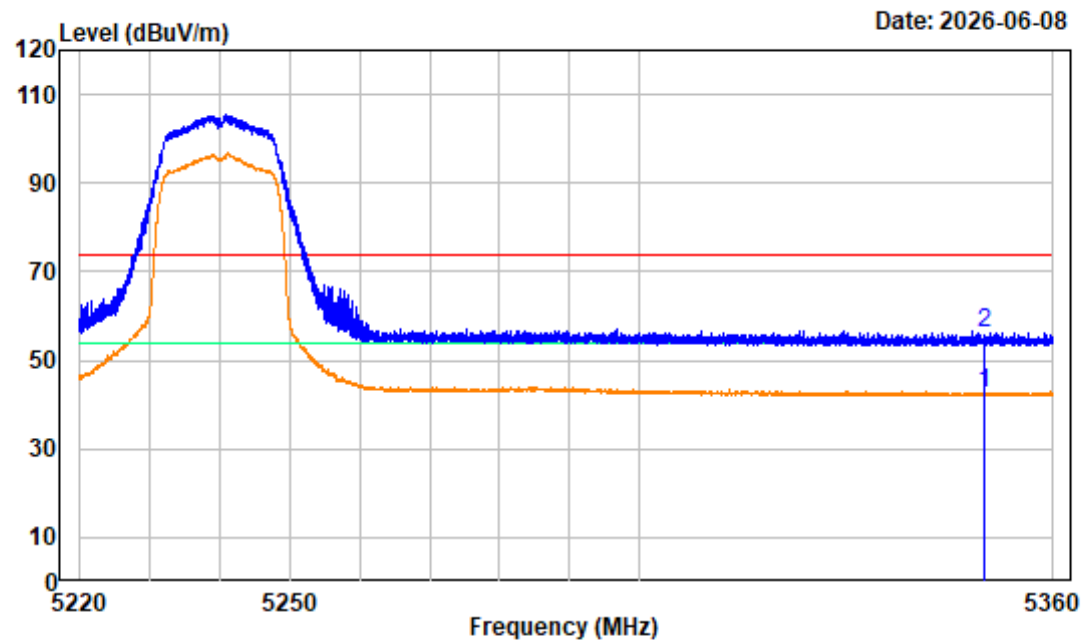
5G WIFI 802.11a High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.93	42.33	54.00	-11.67	Average
2	5350.000	-6.60	62.80	56.20	74.00	-17.80	Peak

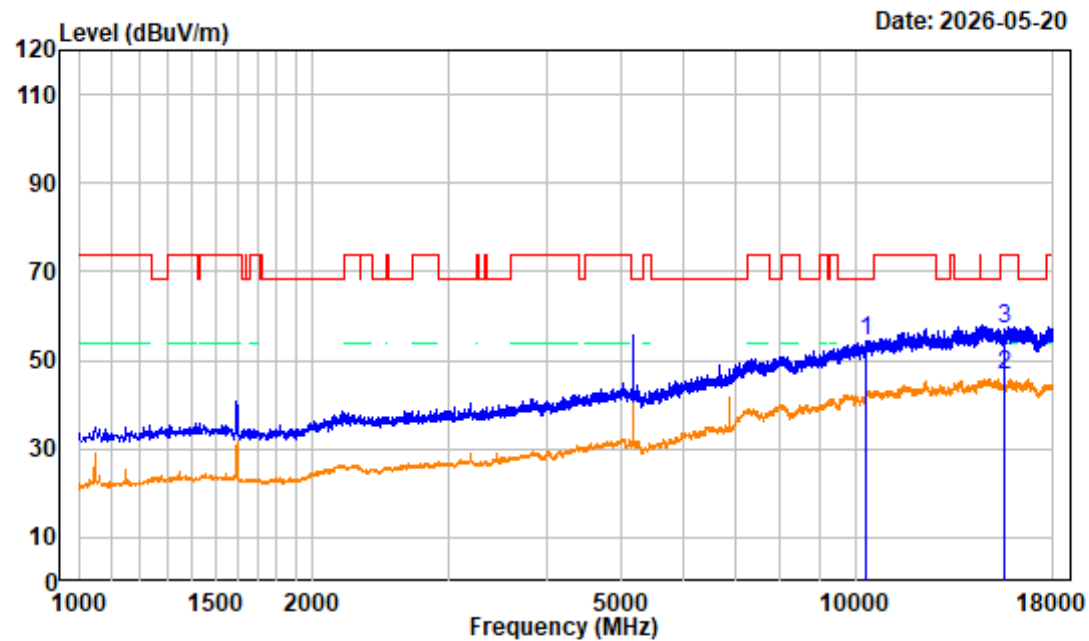
5G WIFI 802.11a High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.96	42.36	54.00	-11.64	Average
2	5350.000	-6.60	62.78	56.18	74.00	-17.82	Peak

5G WIFI 802.11n20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

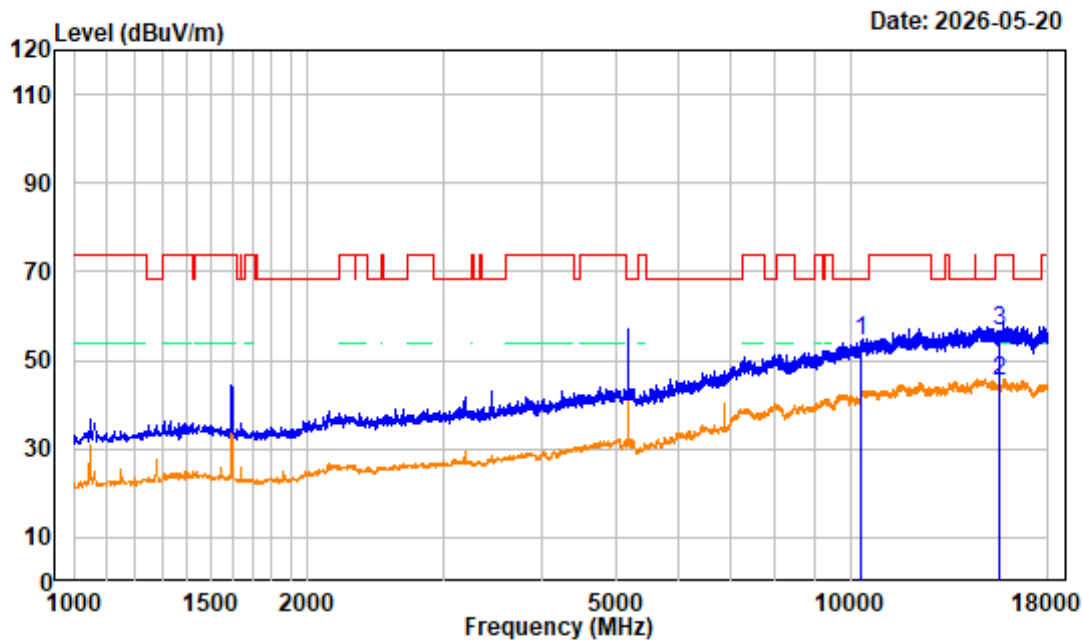
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5180MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	3.88	50.48	54.36	68.20	-13.84	Peak
2	15540.000	6.17	40.31	46.48	54.00	-7.52	Average
3	15540.000	6.17	50.87	57.04	74.00	-16.96	Peak

5G WIFI 802.11n20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

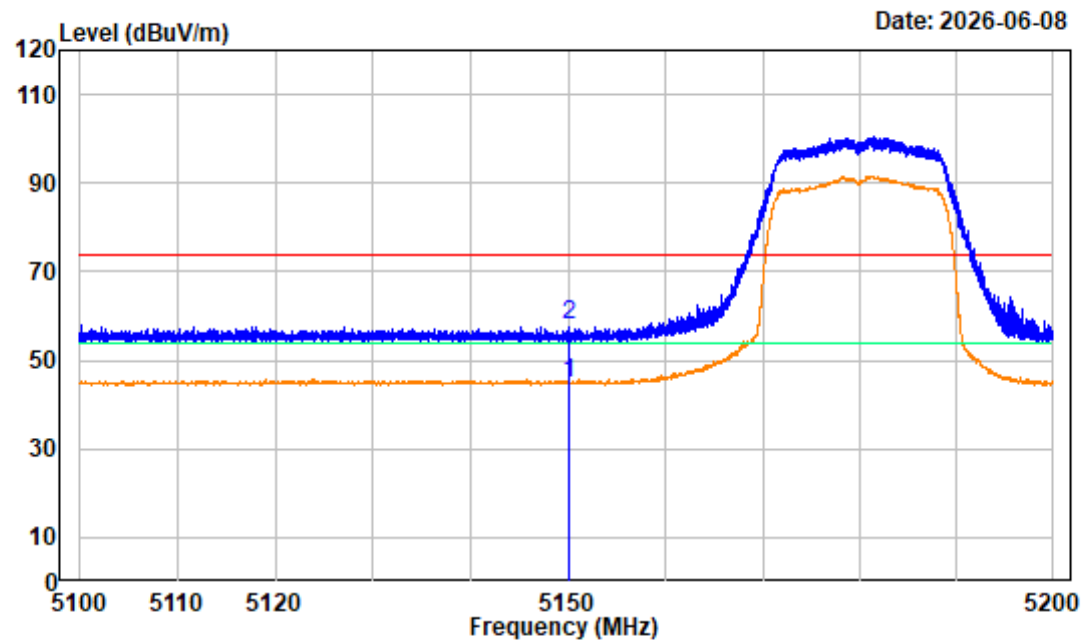
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5180MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	3.88	50.47	54.35	68.20	-13.85	Peak
2	15540.000	6.17	38.91	45.08	54.00	-8.92	Average
3	15540.000	6.17	50.58	56.75	74.00	-17.25	Peak

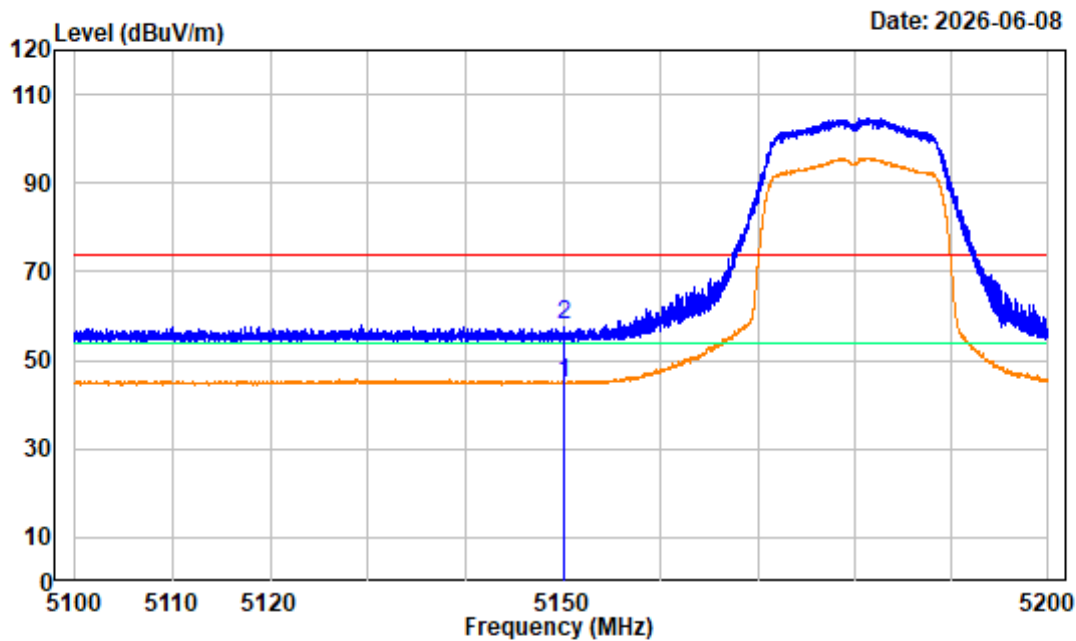
5G WIFI 802.11n20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5180MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.05	45.00	54.00	-9.00 Average
2	5150.000	-6.05	63.79	57.74	74.00	-16.26 Peak

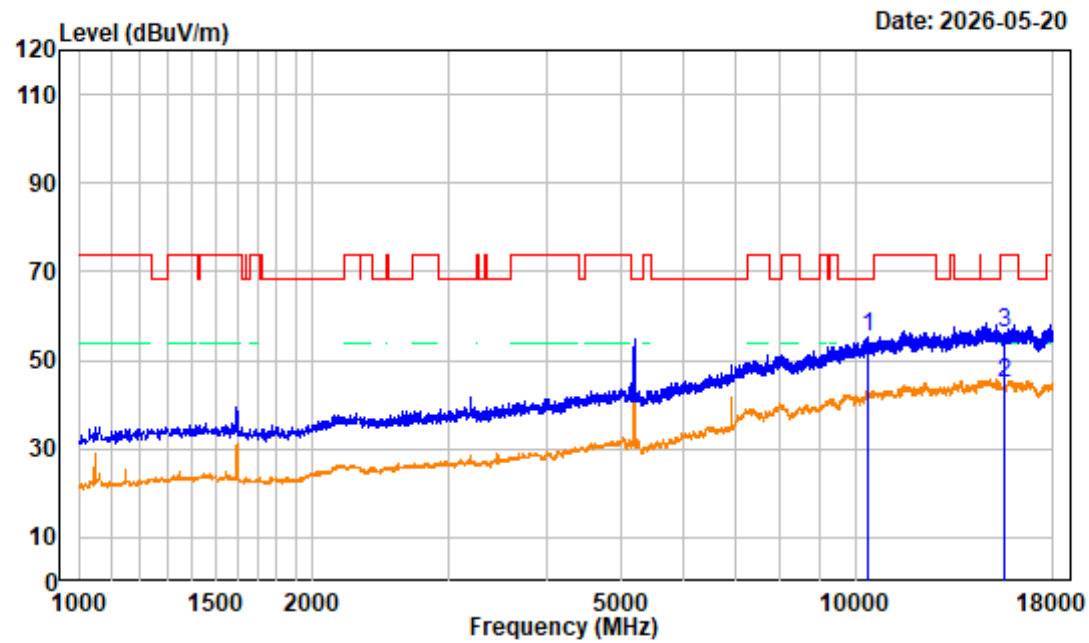
5G WIFI 802.11n20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5180MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.01	44.96	54.00	-9.04 Average
2	5150.000	-6.05	63.85	57.80	74.00	-16.20 Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

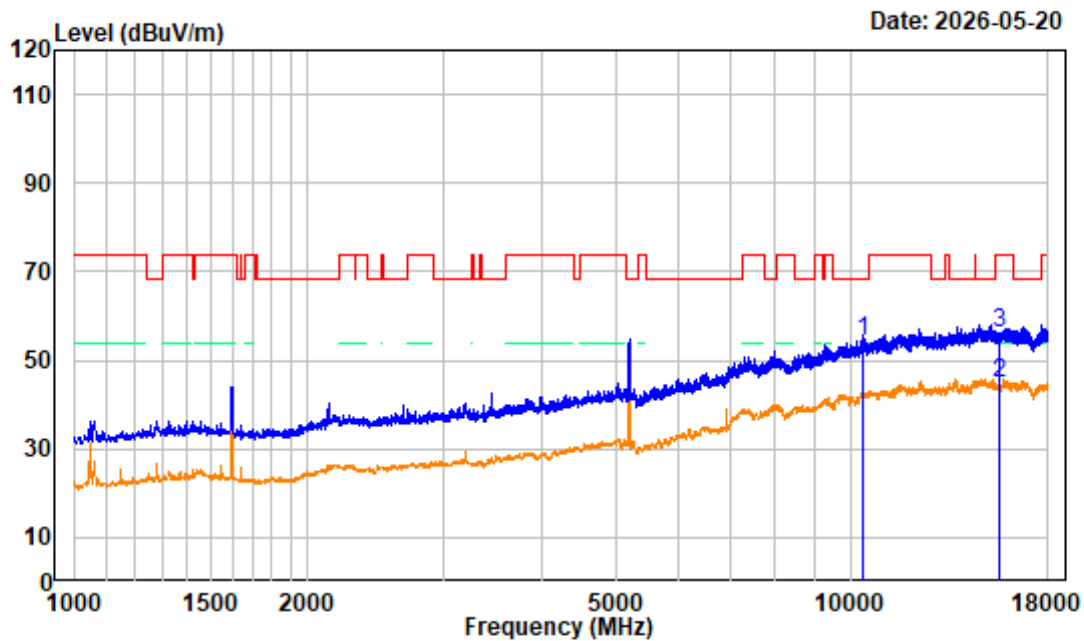
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10400.000	4.07	51.19	55.26	68.20	-12.94	Peak
2	15600.000	5.94	39.02	44.96	54.00	-9.04	Average
3	15600.000	5.94	50.16	56.10	74.00	-17.90	Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

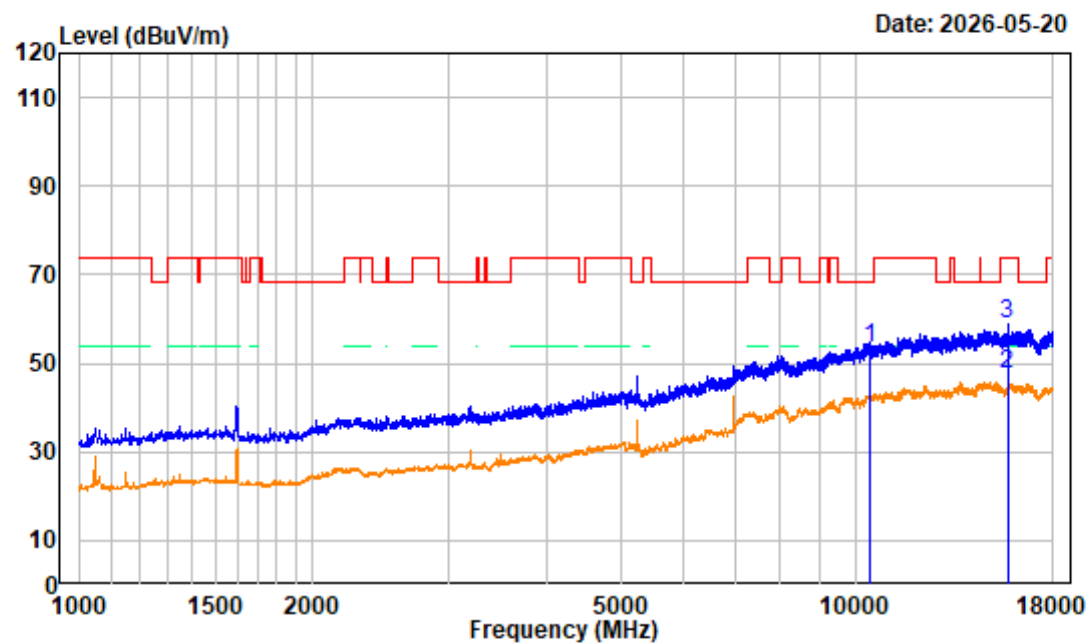
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10400.000	4.07	50.43	54.50	68.20	-13.70	Peak
2	15600.000	5.94	39.11	45.05	54.00	-8.95	Average
3	15600.000	5.94	50.05	55.99	74.00	-18.01	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

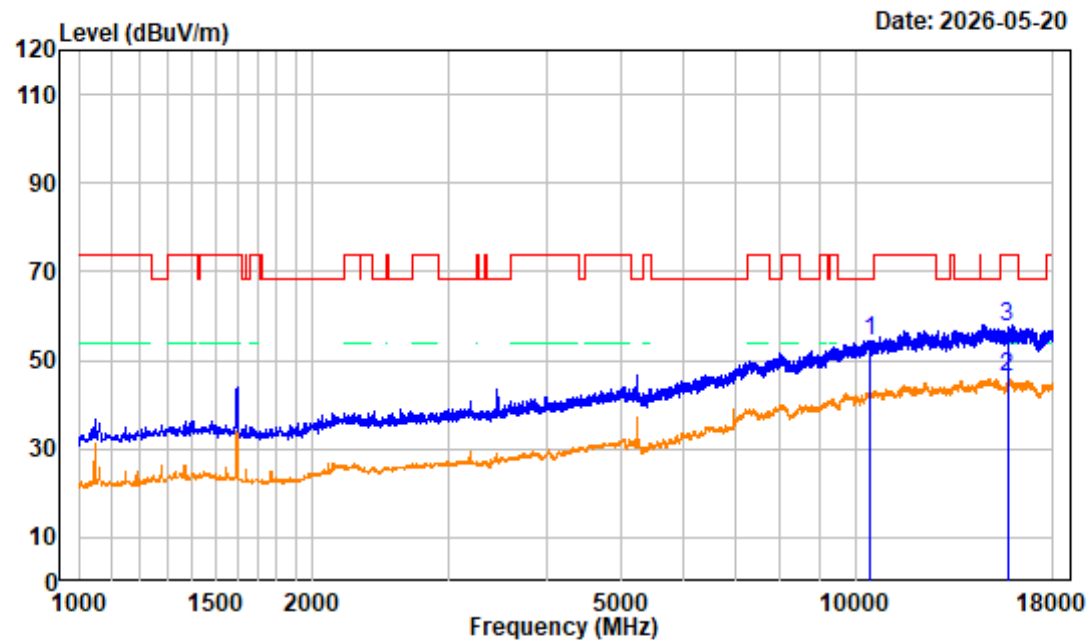
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10480.000	3.98	49.67	53.65	68.20	-14.55	Peak
2	15720.000	6.16	41.49	47.65	54.00	-6.35	Average
3	15720.000	6.16	52.75	58.91	74.00	-15.09	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

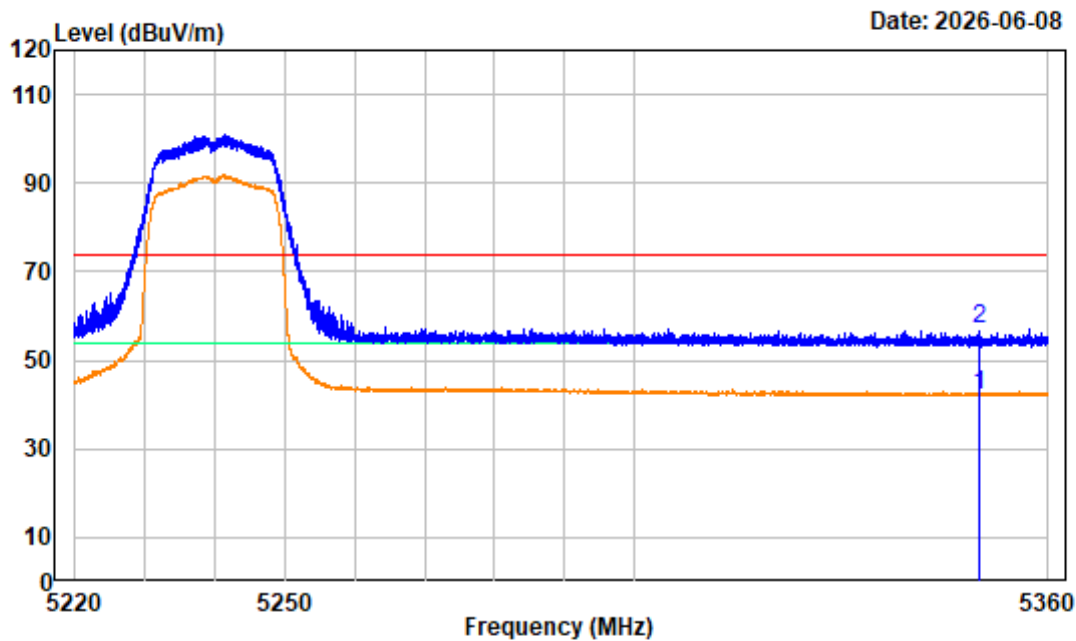
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10480.000	3.98	50.57	54.55	68.20	-13.65	Peak
2	15720.000	6.16	39.91	46.07	54.00	-7.93	Average
3	15720.000	6.16	51.26	57.42	74.00	-16.58	Peak

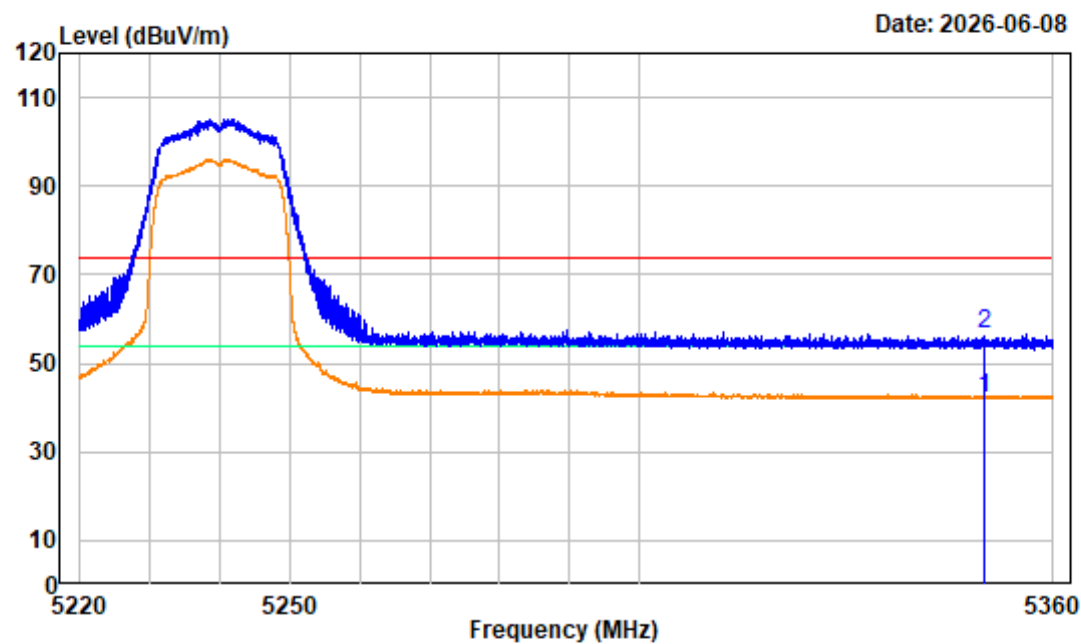
5G WIFI 802.11n20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.76	42.16	54.00	-11.84 Average
2	5350.000	-6.60	63.69	57.09	74.00	-16.91 Peak

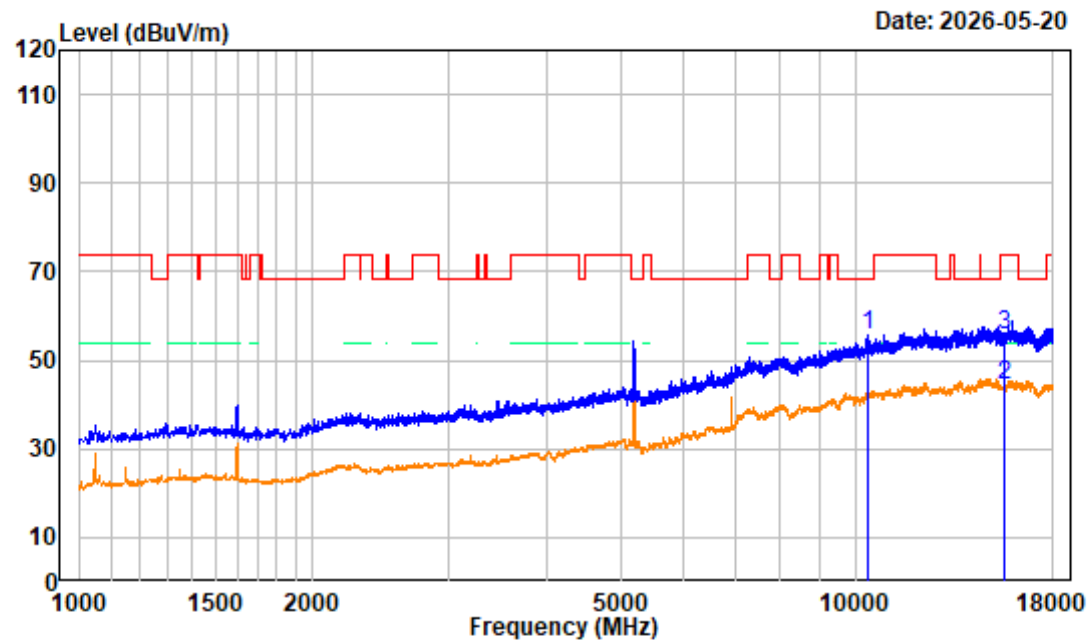
5G WIFI 802.11n20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.90	42.30	54.00	-11.70	Average
2	5350.000	-6.60	63.06	56.46	74.00	-17.54	Peak

5G WIFI 802.11n40 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

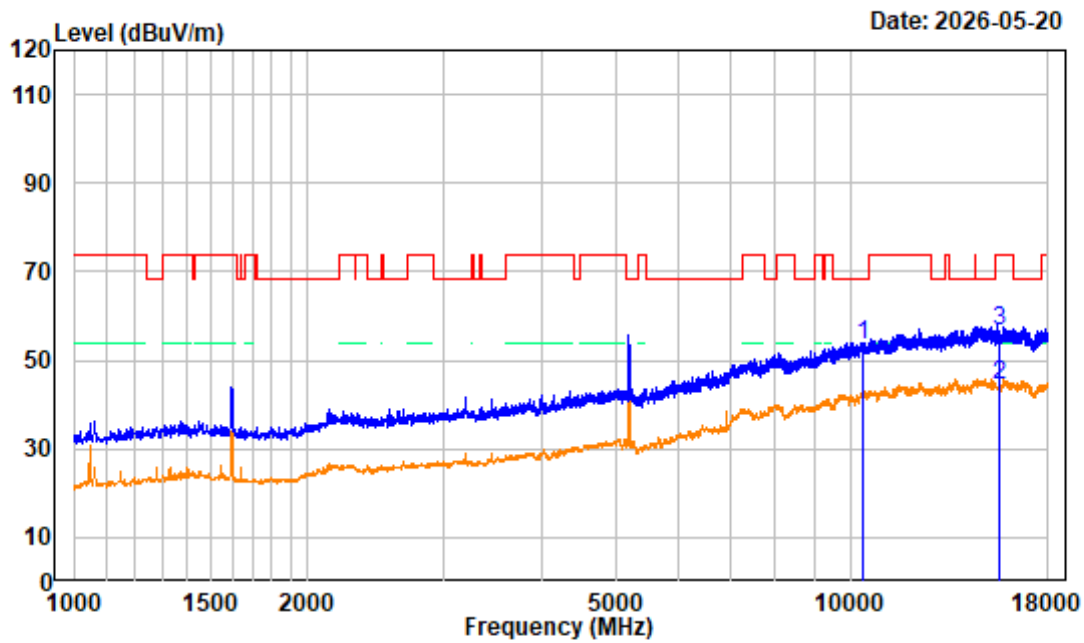
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5190MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10380.000	3.98	51.56	55.54	68.20	-12.66	Peak
2	15570.000	6.09	38.40	44.49	54.00	-9.51	Average
3	15570.000	6.09	49.64	55.73	74.00	-18.27	Peak

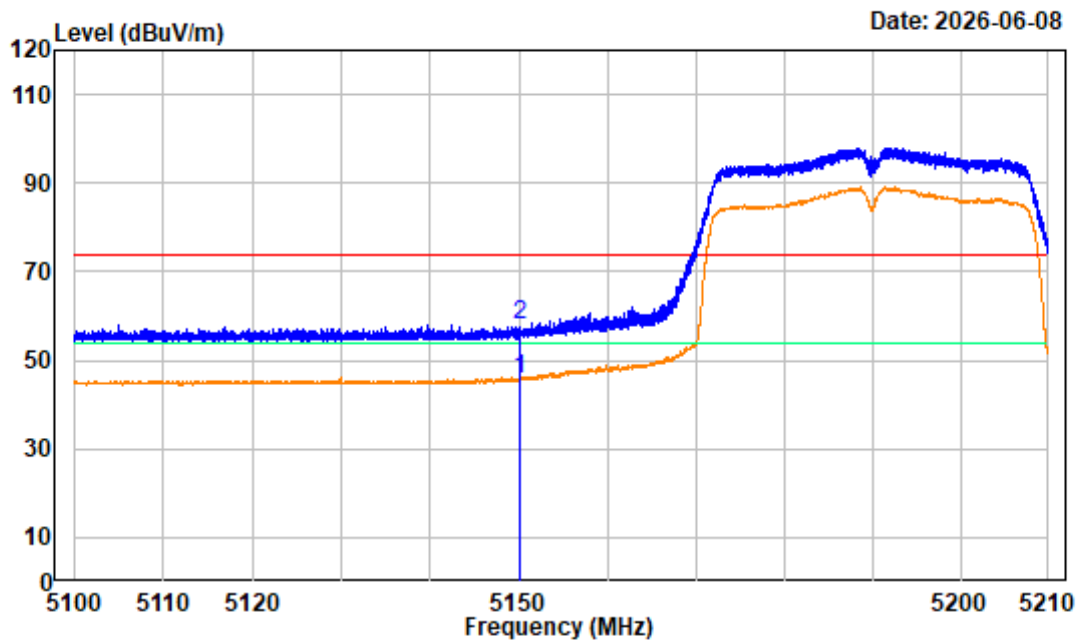
5G WIFI 802.11n40 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5190MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10380.000	3.98	49.67	53.65	68.20	-14.55	Peak
2 15570.000	6.09	38.39	44.48	54.00	-9.52	Average
3 15570.000	6.09	50.47	56.56	74.00	-17.44	Peak

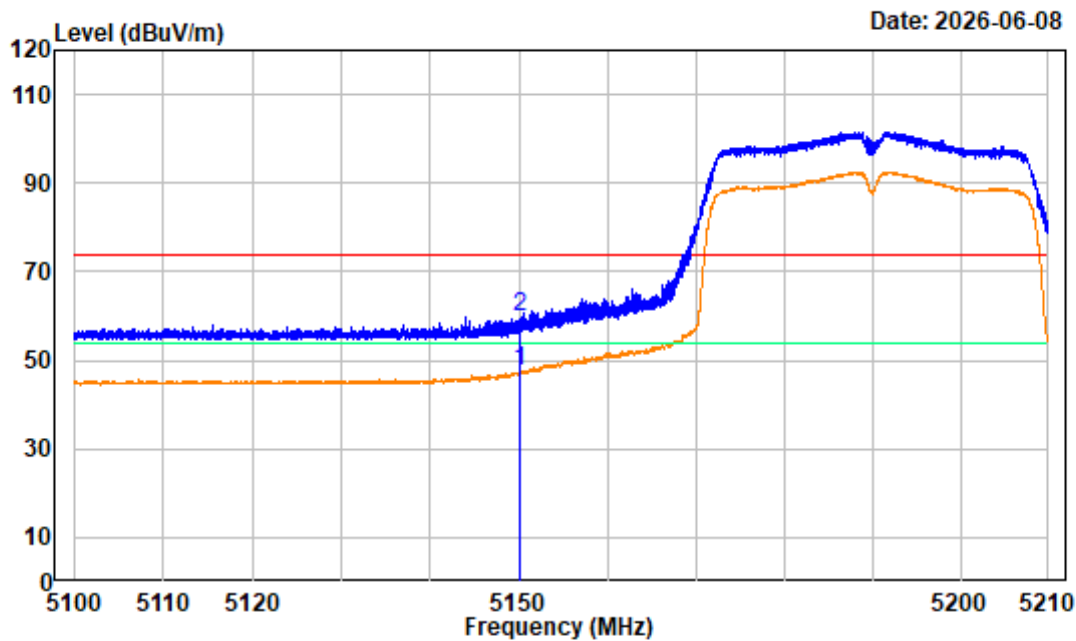
5G WIFI 802.11n40 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5190MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.58	45.53	54.00	-8.47	Average
2	5150.000	-6.05	63.93	57.88	74.00	-16.12	Peak

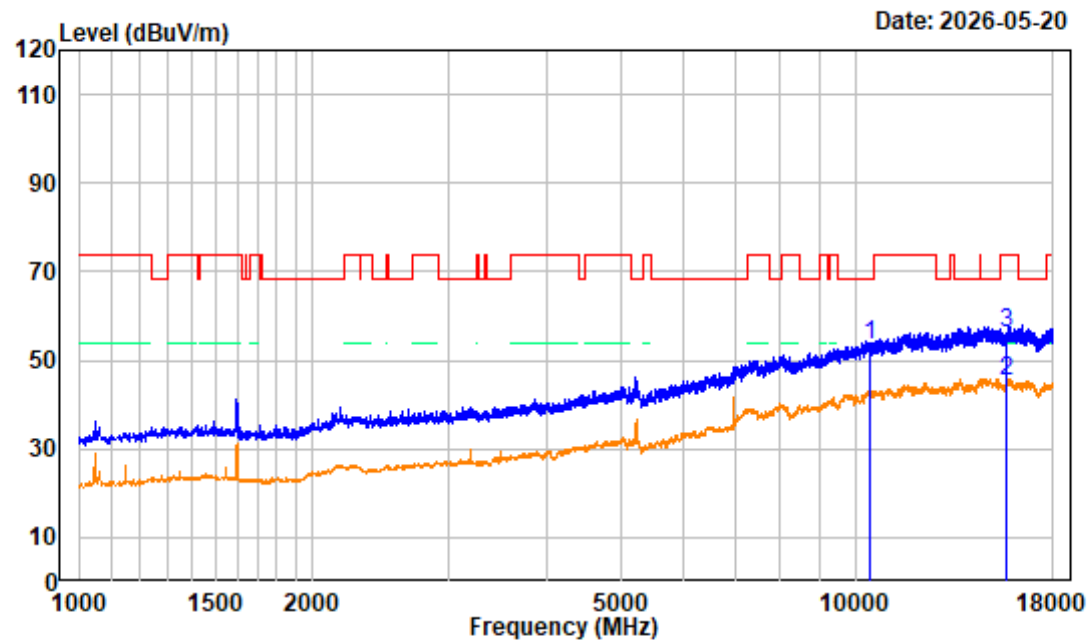
5G WIFI 802.11n40 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5190MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	53.48	47.43	54.00	-6.57 Average
2	5150.000	-6.05	65.65	59.60	74.00	-14.40 Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

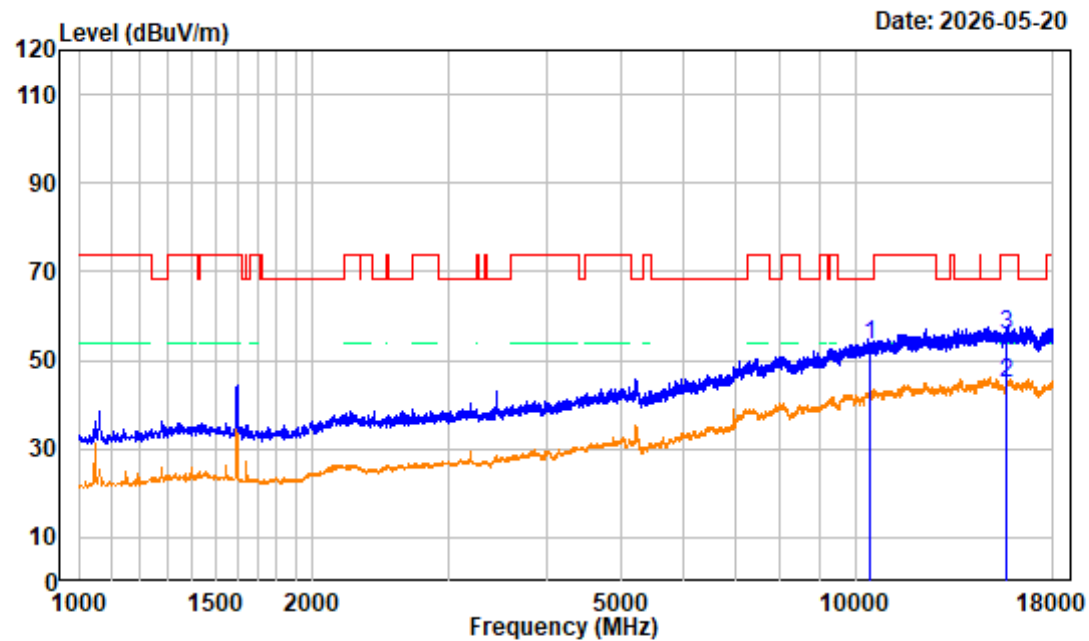
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5230MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	4.14	49.37	53.51	68.20	-14.69	Peak
2	15690.000	5.90	39.52	45.42	54.00	-8.58	Average
3	15690.000	5.90	50.13	56.03	74.00	-17.97	Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

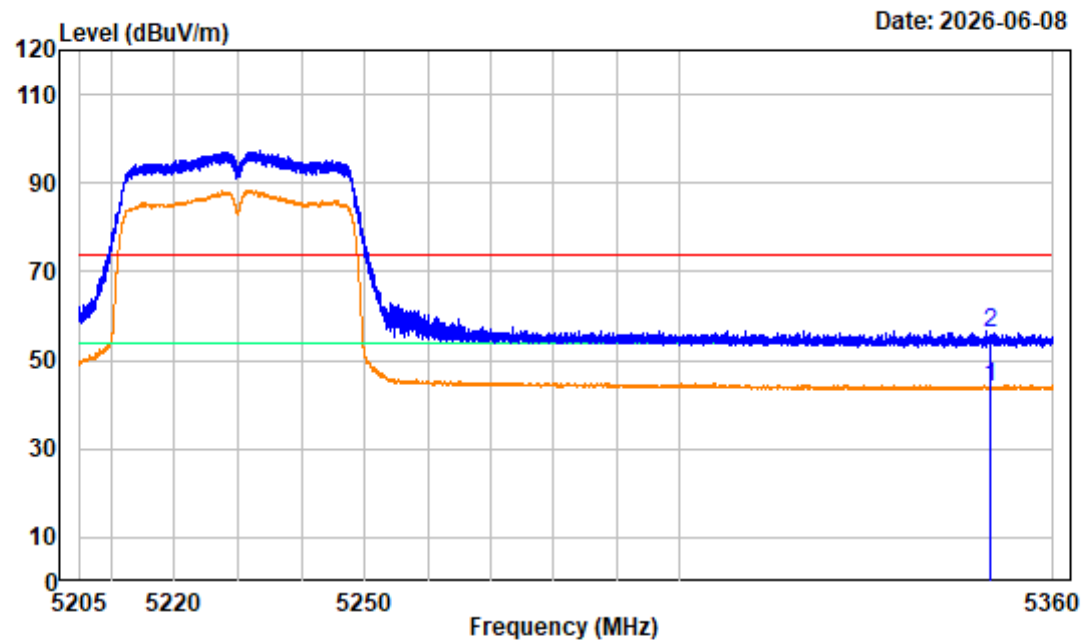
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5230MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10460.000	4.14	49.42	53.56	68.20	-14.64	Peak
2	15690.000	5.90	38.88	44.78	54.00	-9.22	Average
3	15690.000	5.90	49.97	55.87	74.00	-18.13	Peak

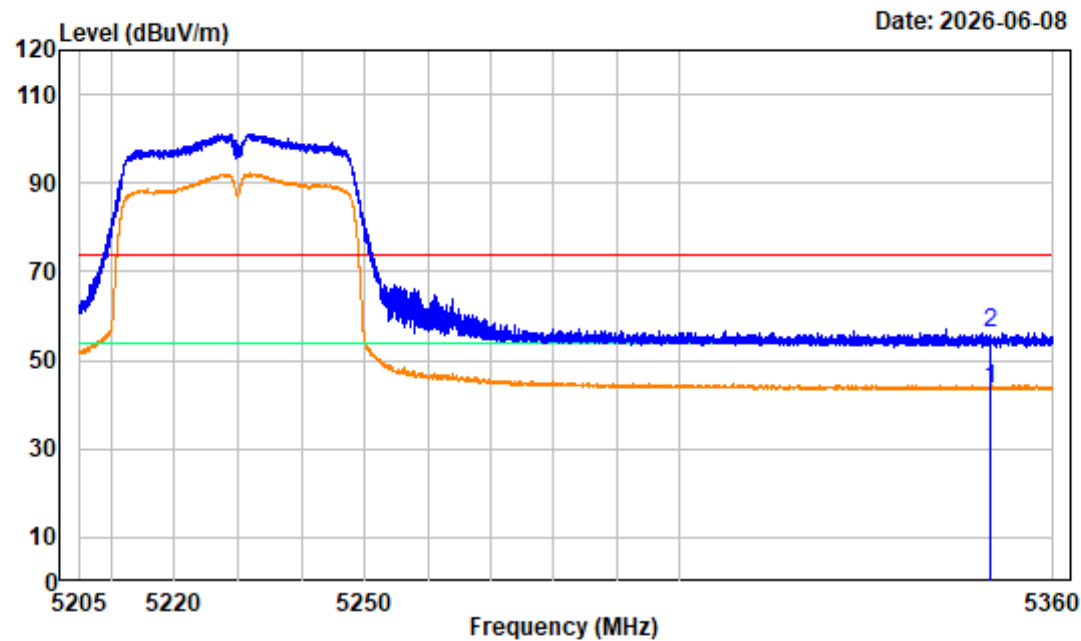
5G WIFI 802.11n40 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5230MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	50.43	43.83	54.00	-10.17 Average
2	5350.000	-6.60	62.58	55.98	74.00	-18.02 Peak

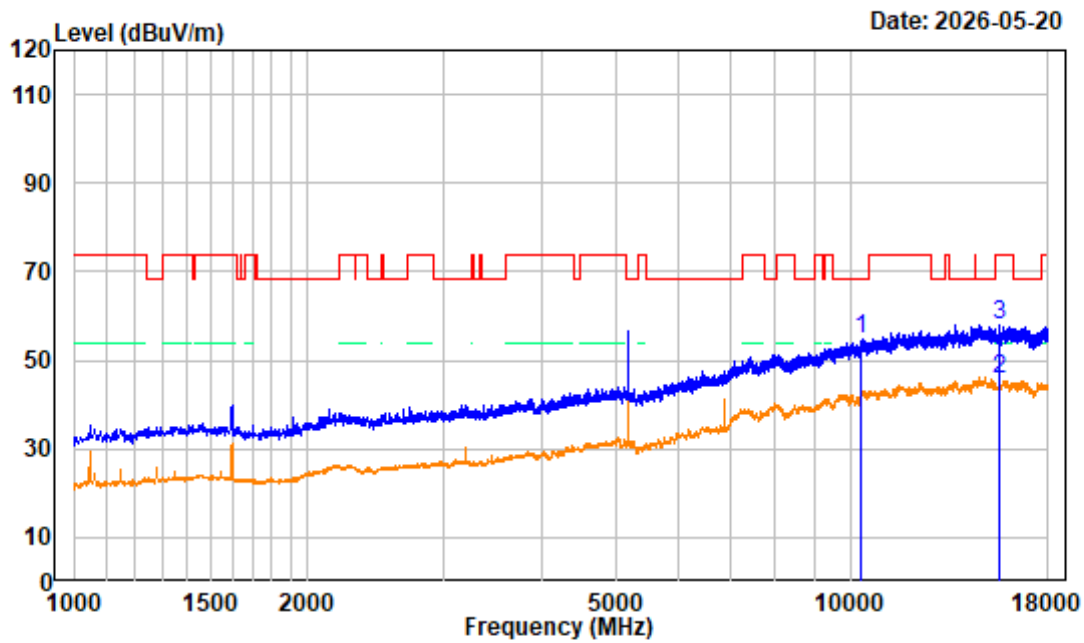
5G WIFI 802.11n40 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5230MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	50.17	43.57	54.00	-10.43	Average
2	5350.000	-6.60	62.91	56.31	74.00	-17.69	Peak

5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

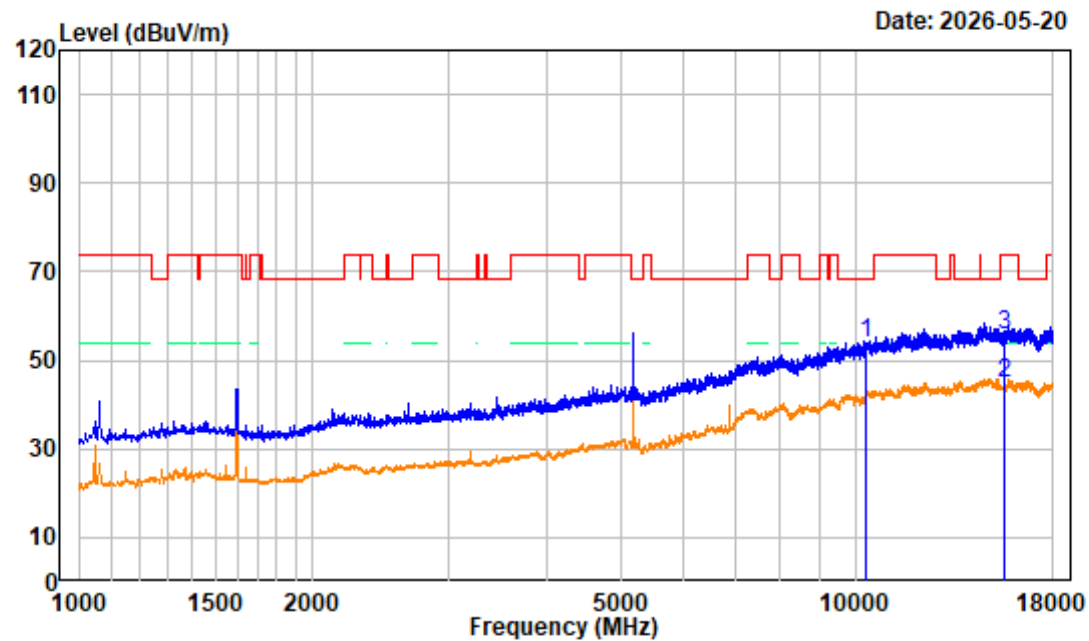
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5180MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10360.000	3.88	51.01	54.89	68.20	-13.31	Peak
2 15540.000	6.17	39.69	45.86	54.00	-8.14	Average
3 15540.000	6.17	51.78	57.95	74.00	-16.05	Peak

5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

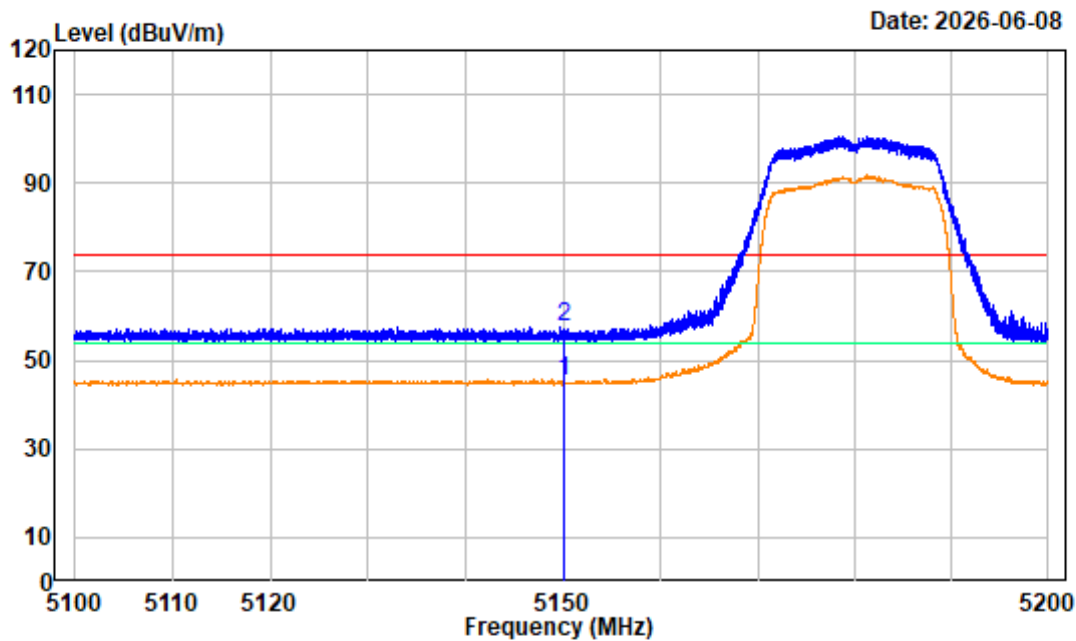
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5180MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10360.000	3.88	49.96	53.84	68.20	-14.36	Peak
2	15540.000	6.17	38.68	44.85	54.00	-9.15	Average
3	15540.000	6.17	49.36	55.53	74.00	-18.47	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

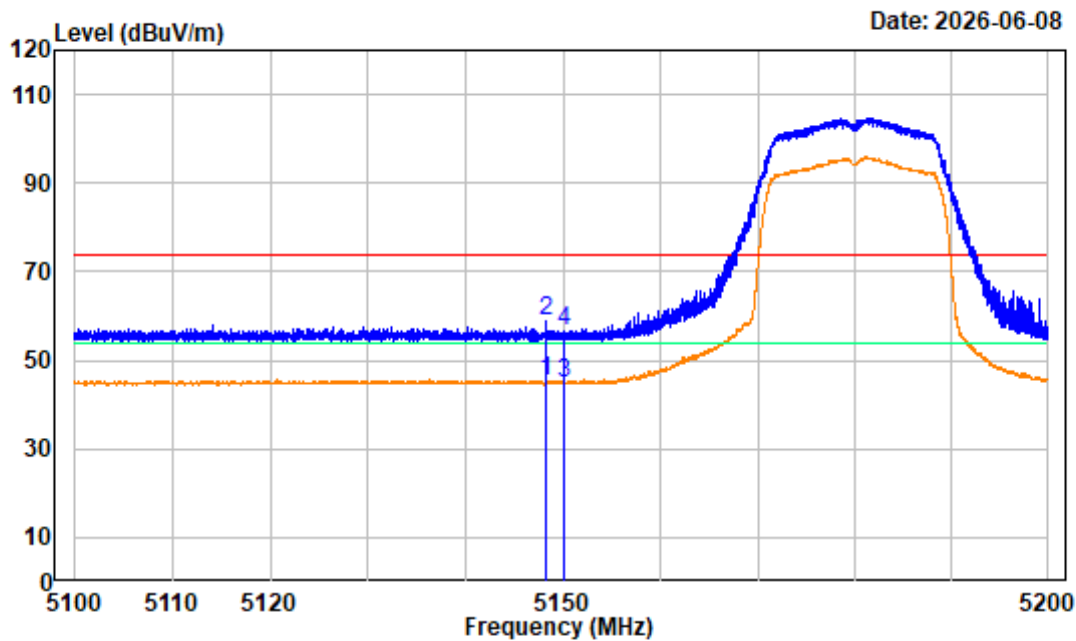
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5180MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	51.12	45.07	54.00	-8.93 Average
2	5150.000	-6.05	63.44	57.39	74.00	-16.61 Peak

5G WIFI 802.11ac20 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

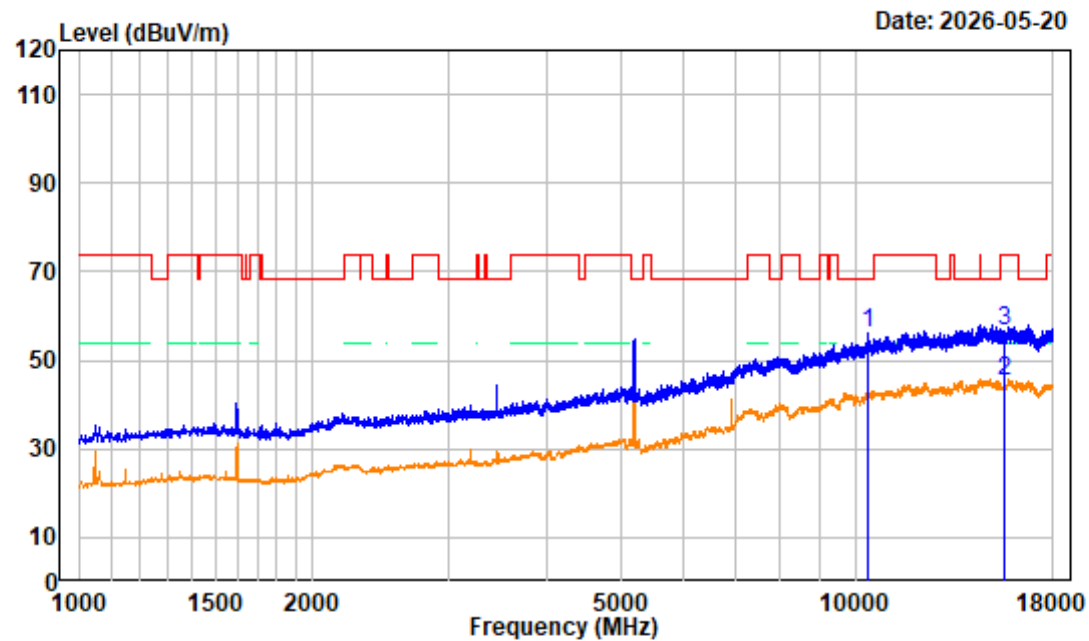
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5180MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5148.300	-6.04	51.25	45.21	54.00	-8.79	Average
2	5148.300	-6.04	64.87	58.83	74.00	-15.17	Peak
3	5150.000	-6.05	51.04	44.99	54.00	-9.01	Average
4	5150.000	-6.05	62.78	56.73	74.00	-17.27	Peak

5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

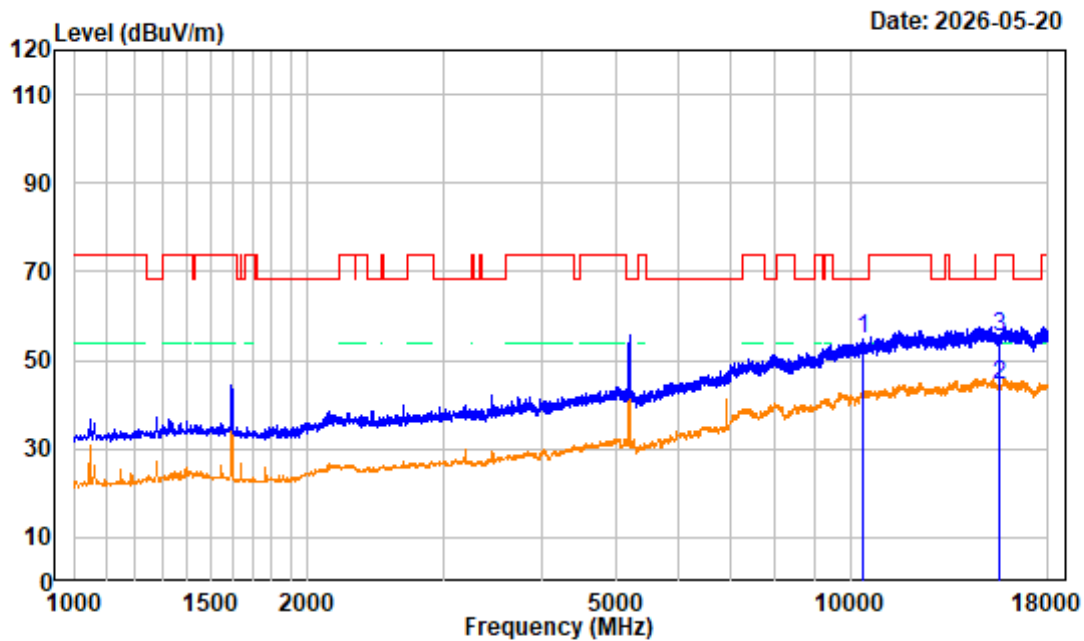
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10400.000	4.07	51.92	55.99	68.20	-12.21	Peak
2 15600.000	5.94	39.56	45.50	54.00	-8.50	Average
3 15600.000	5.94	50.84	56.78	74.00	-17.22	Peak

5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

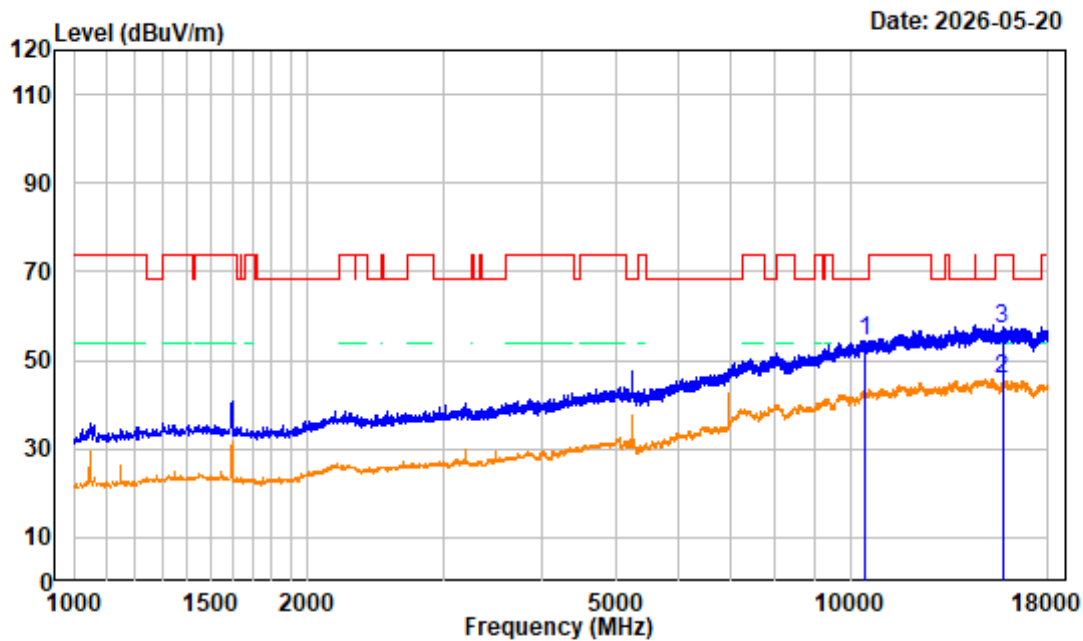
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Middle Channel 5200MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10400.000	4.07	50.69	54.76	68.20	-13.44	Peak
2	15600.000	5.94	38.27	44.21	54.00	-9.79	Average
3	15600.000	5.94	49.52	55.46	74.00	-18.54	Peak

5G WIFI 802.11ac20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

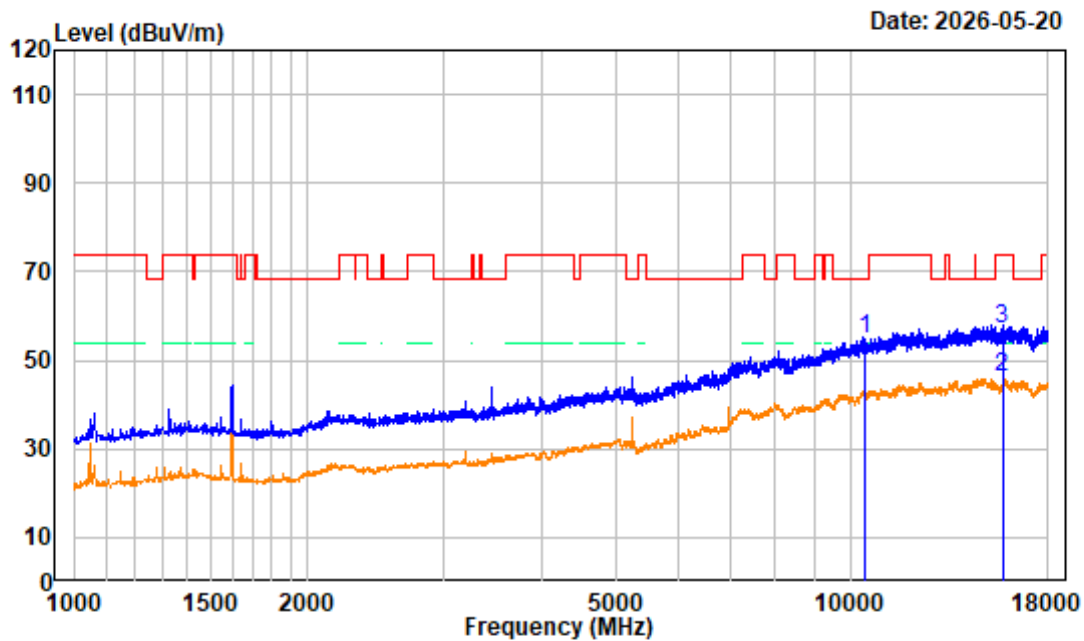
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10480.000	3.98	50.28	54.26	68.20	-13.94	Peak
2	15720.000	6.16	39.80	45.96	54.00	-8.04	Average
3	15720.000	6.16	50.71	56.87	74.00	-17.13	Peak

5G WIFI 802.11ac20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

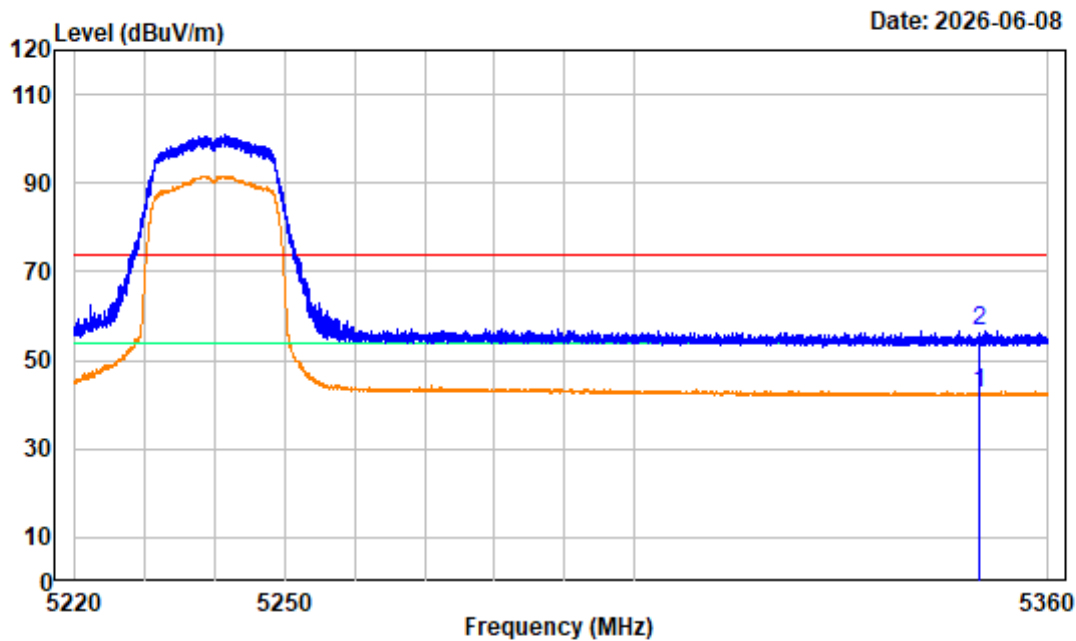
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5240MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10480.000	3.98	50.85	54.83	68.20	-13.37	Peak
2	15720.000	6.16	39.87	46.03	54.00	-7.97	Average
3	15720.000	6.16	50.94	57.10	74.00	-16.90	Peak

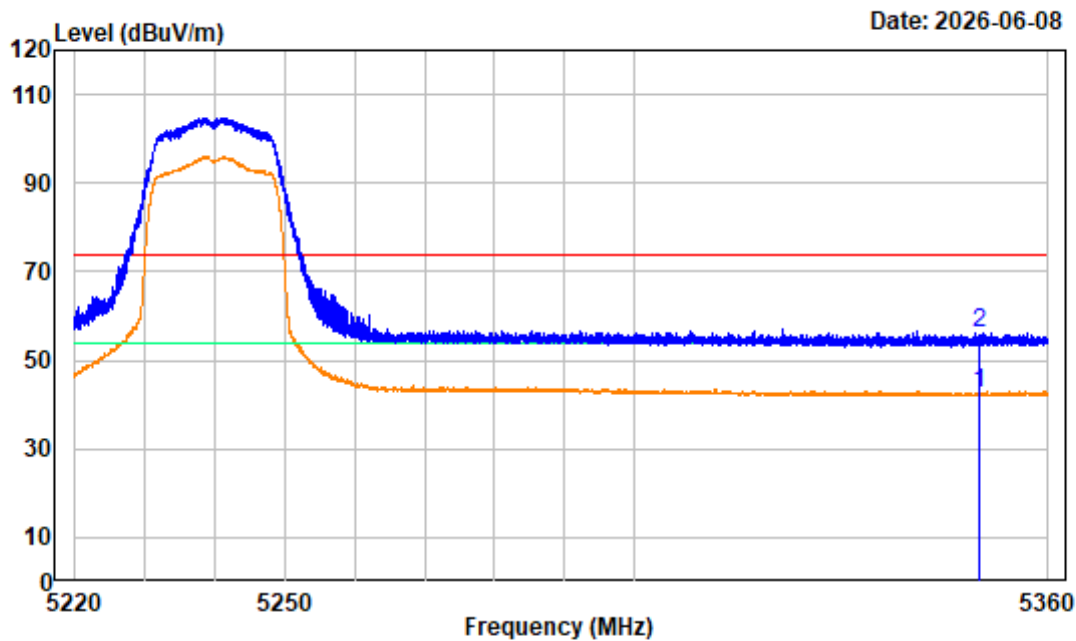
5G WIFI 802.11ac20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.95	42.35	54.00	-11.65 Average
2	5350.000	-6.60	63.28	56.68	74.00	-17.32 Peak

5G WIFI 802.11ac20 High Channel Bandedge_VERTICAL

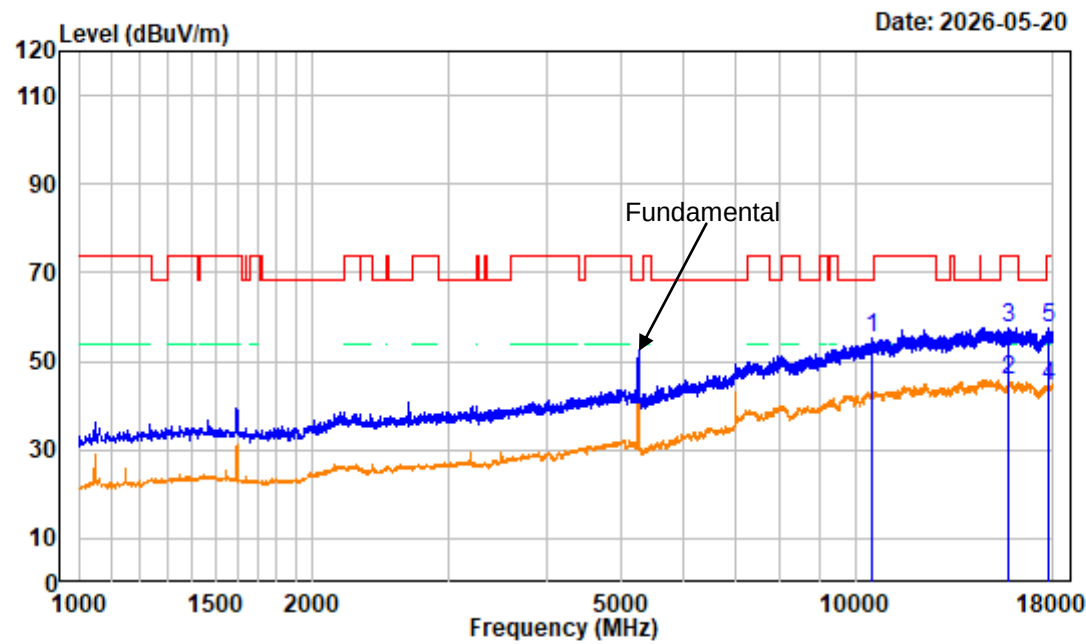


Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5240MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.95	42.35	54.00	-11.65	Average
2	5350.000	-6.60	62.93	56.33	74.00	-17.67	Peak

For Band 2

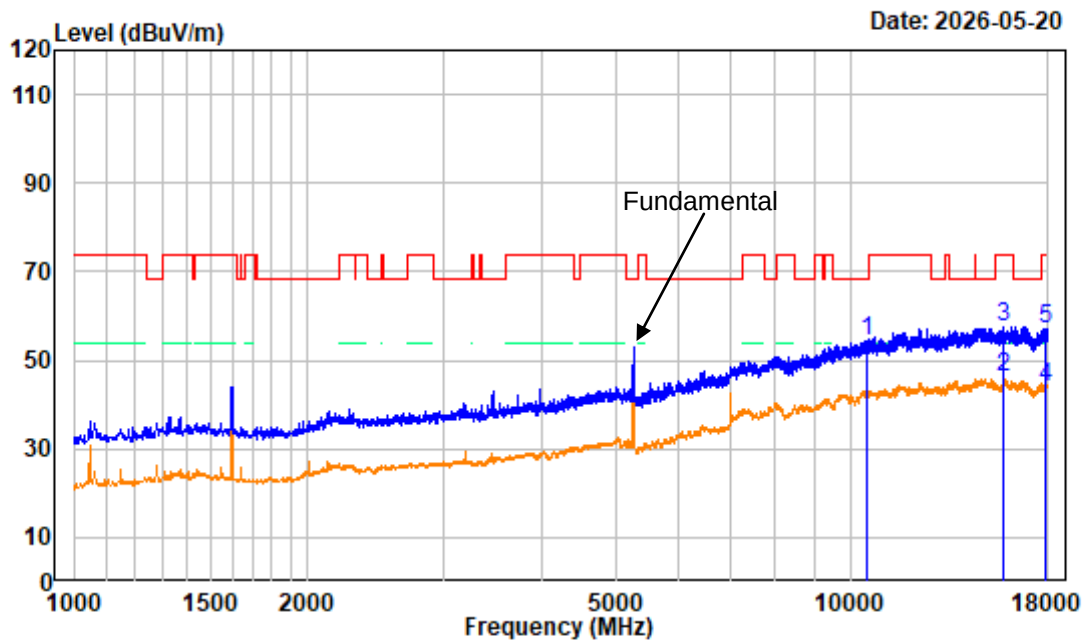
5G WIFI 802.11a Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5260MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10520.000	4.00	51.04	55.04	68.20	-13.16	Peak
2 15780.000	6.64	39.09	45.73	54.00	-8.27	Average
3 15780.000	6.64	51.04	57.68	74.00	-16.32	Peak
4 17802.380	6.89	37.42	44.31	54.00	-9.69	Average
5 17802.380	6.89	50.41	57.30	74.00	-16.70	Peak

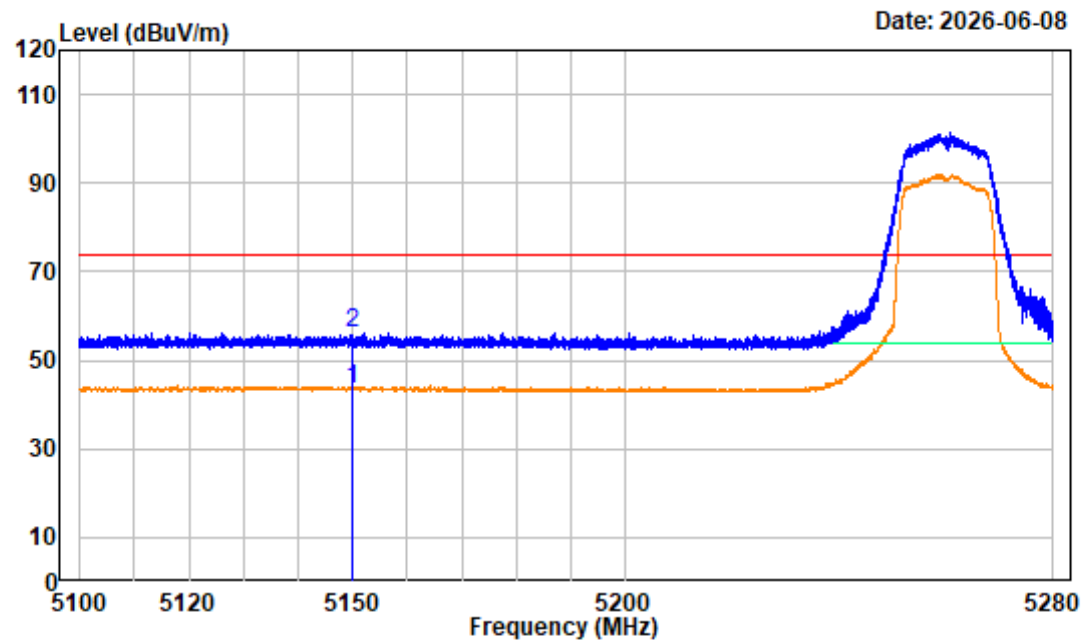
5G WIFI 802.11a Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5260MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz		dB/m	dBuV	dBuV/m	dBuV/m	
1	10520.000	4.00	50.33	54.33	68.20	-13.87 Peak
2	15780.000	6.64	39.46	46.10	54.00	-7.90 Average
3	15780.000	6.64	50.94	57.58	74.00	-16.42 Peak
4	17864.000	7.39	36.65	44.04	54.00	-9.96 Average
5	17864.000	7.39	49.63	57.02	74.00	-16.98 Peak

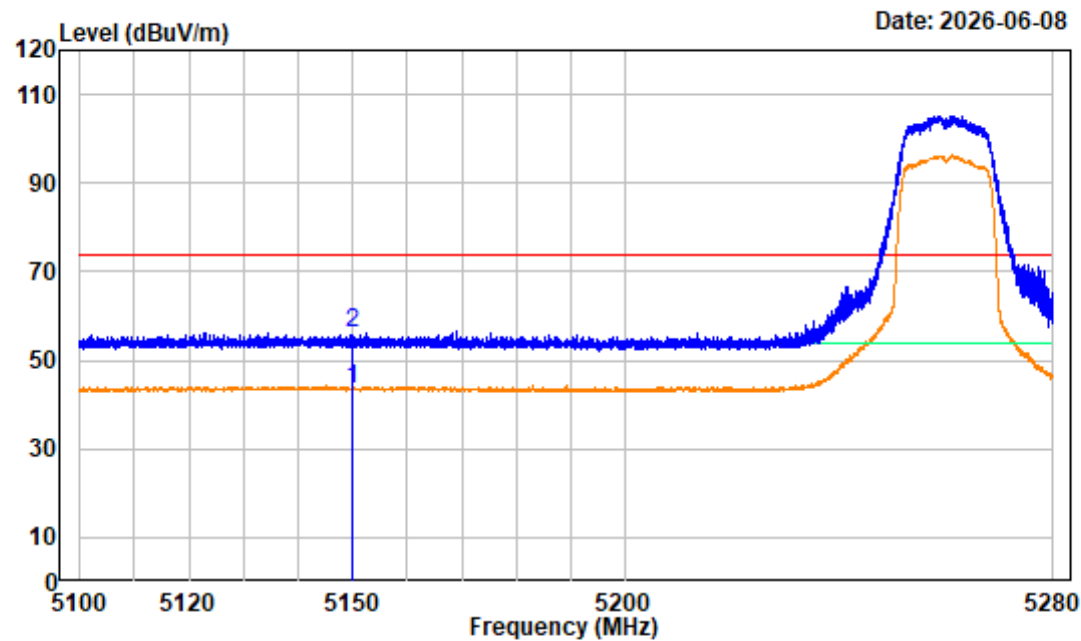
5G WIFI 802.11a Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5260MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.53	43.48	54.00	-10.52 Average
2	5150.000	-6.05	62.25	56.20	74.00	-17.80 Peak

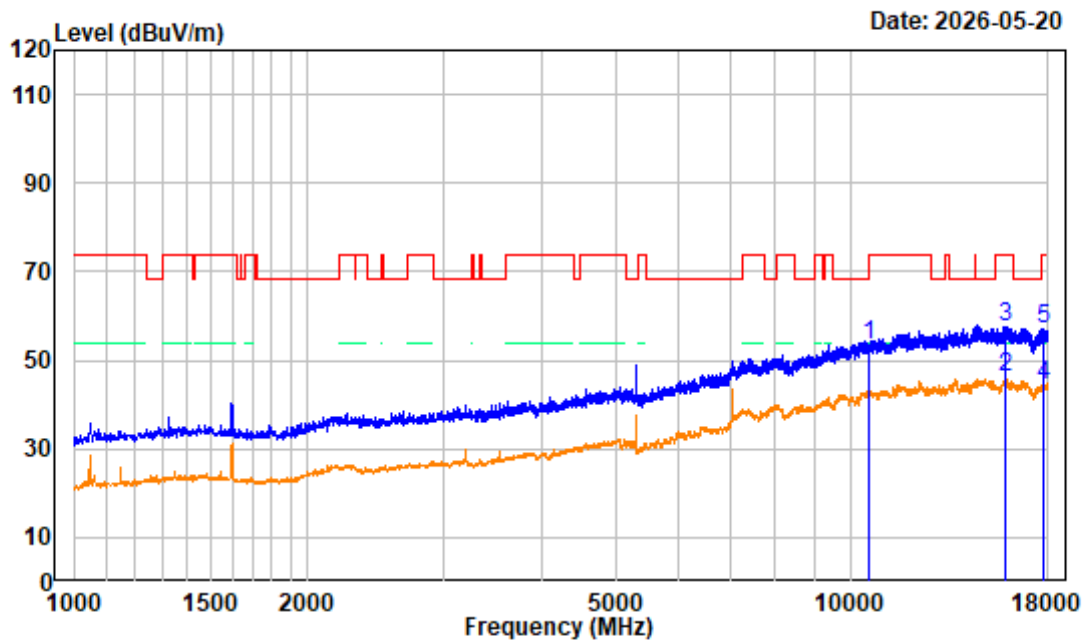
5G WIFI 802.11a Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5260MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.71	43.66	54.00	-10.34	Average
2	5150.000	-6.05	62.25	56.20	74.00	-17.80	Peak

: 5G WIFI 802.11a Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

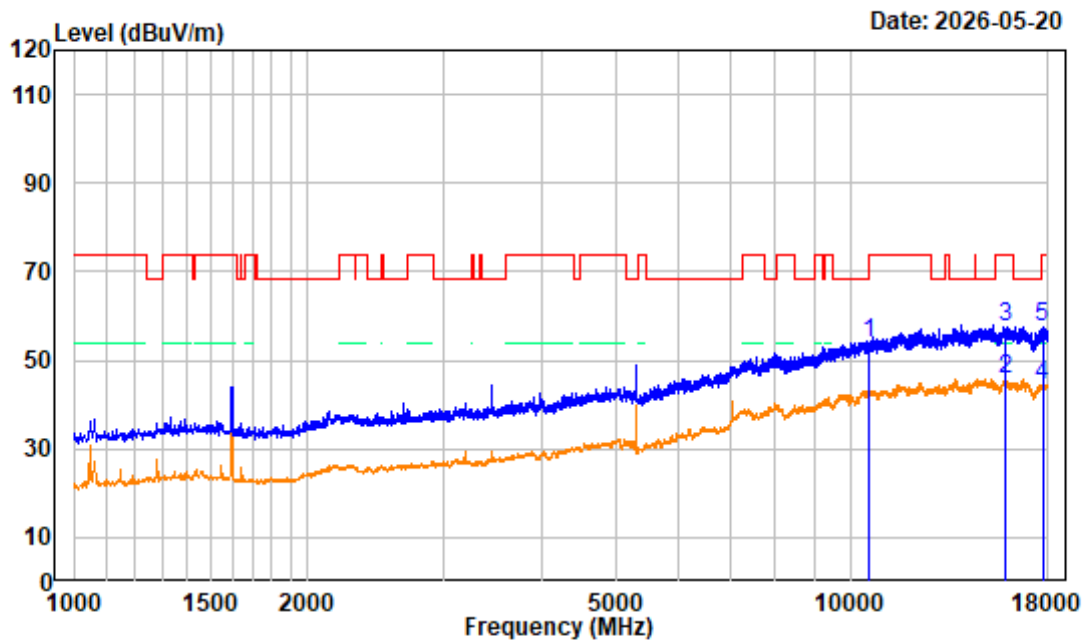
Tester:Angel Chen

Note : 5G WIFI 802.11a Middle Channel 5300MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10600.000	3.93	49.69	53.62	68.20	-14.58	Peak
2 15900.000	6.69	39.33	46.02	54.00	-7.98	Average
3 15900.000	6.69	50.90	57.59	74.00	-16.41	Peak
4 17740.750	7.32	37.22	44.54	54.00	-9.46	Average
5 17740.750	7.32	49.53	56.85	74.00	-17.15	Peak

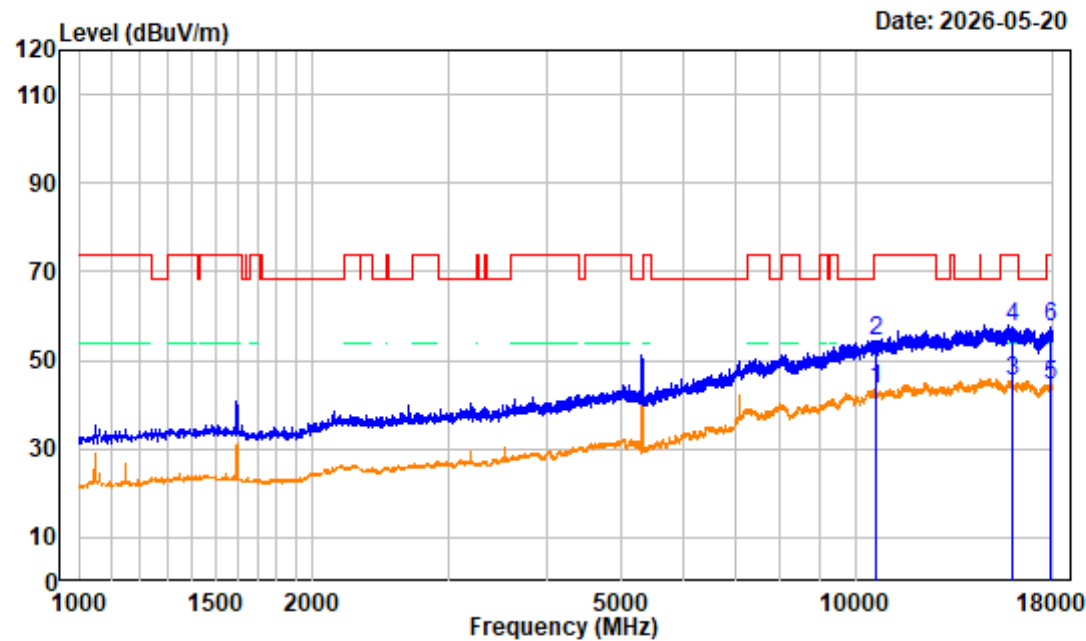
5G WIFI 802.11a Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Middle Channel 5300MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10600.000	3.93	49.93	53.86	68.20	-14.34	Peak
2 15900.000	6.69	39.10	45.79	54.00	-8.21	Average
3 15900.000	6.69	50.72	57.41	74.00	-16.59	Peak
4 17704.630	7.41	37.04	44.45	54.00	-9.55	Average
5 17704.630	7.41	50.03	57.44	74.00	-16.56	Peak

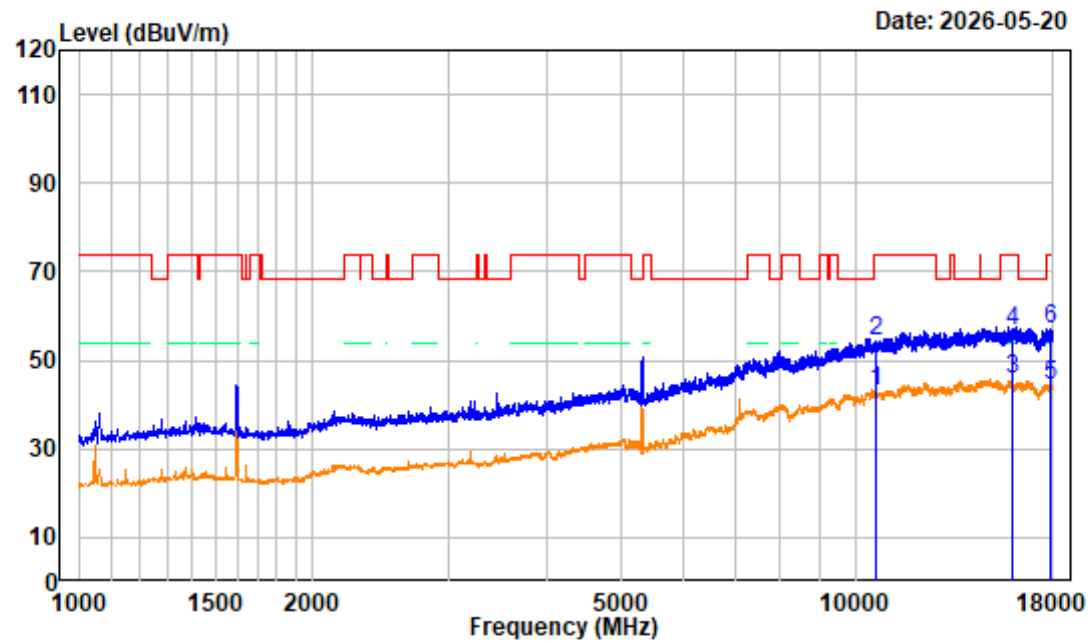
5G WIFI 802.11a High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5320MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10640.000	4.31	39.20	43.51	54.00	-10.49	Average
2 10640.000	4.31	50.12	54.43	74.00	-19.57	Peak
3 15960.000	6.30	39.05	45.35	54.00	-8.65	Average
4 15960.000	6.30	51.29	57.59	74.00	-16.41	Peak
5 17893.750	7.25	37.07	44.32	54.00	-9.68	Average
6 17893.750	7.25	50.09	57.34	74.00	-16.66	Peak

5G WIFI 802.11a High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

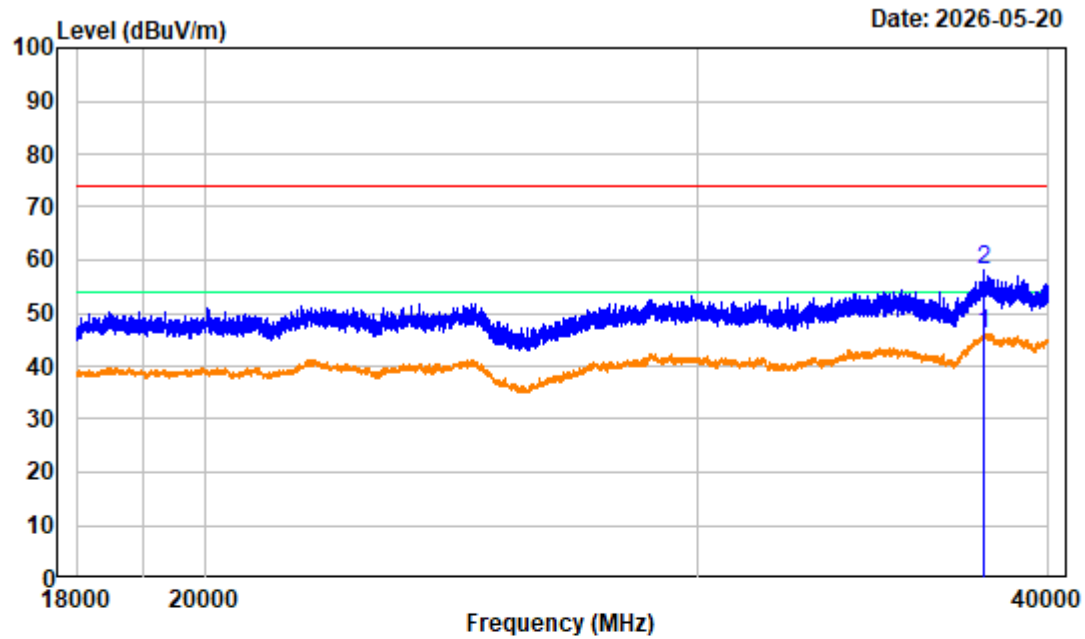
Test Mode : TransmittingTester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5320MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10640.000	4.31	38.69	43.00	54.00	-11.00	Average
2 10640.000	4.31	50.03	54.34	74.00	-19.66	Peak
3 15960.000	6.30	39.62	45.92	54.00	-8.08	Average
4 15960.000	6.30	50.17	56.47	74.00	-17.53	Peak
5 17825.750	7.16	37.34	44.50	54.00	-9.50	Average
6 17825.750	7.16	50.08	57.24	74.00	-16.76	Peak

5G WIFI 802.11a High Channel 18GHz-40GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

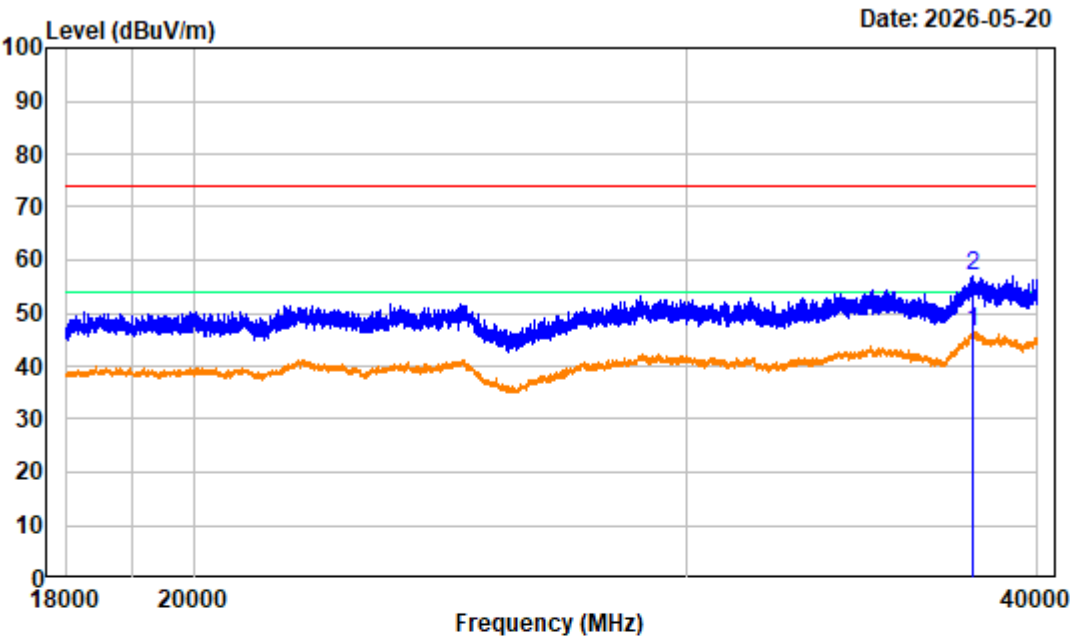
Tester: Angel Chen

Note : 5G WIFI 802.11a High Channel 5320MHz 18GHz-40GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	37962.250	7.88	38.22	46.10	54.00	-7.90	Average
2	37962.250	7.88	50.29	58.17	74.00	-15.83	Peak

5G WIFI 802.11a High Channel 18GHz-40GHz_ VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

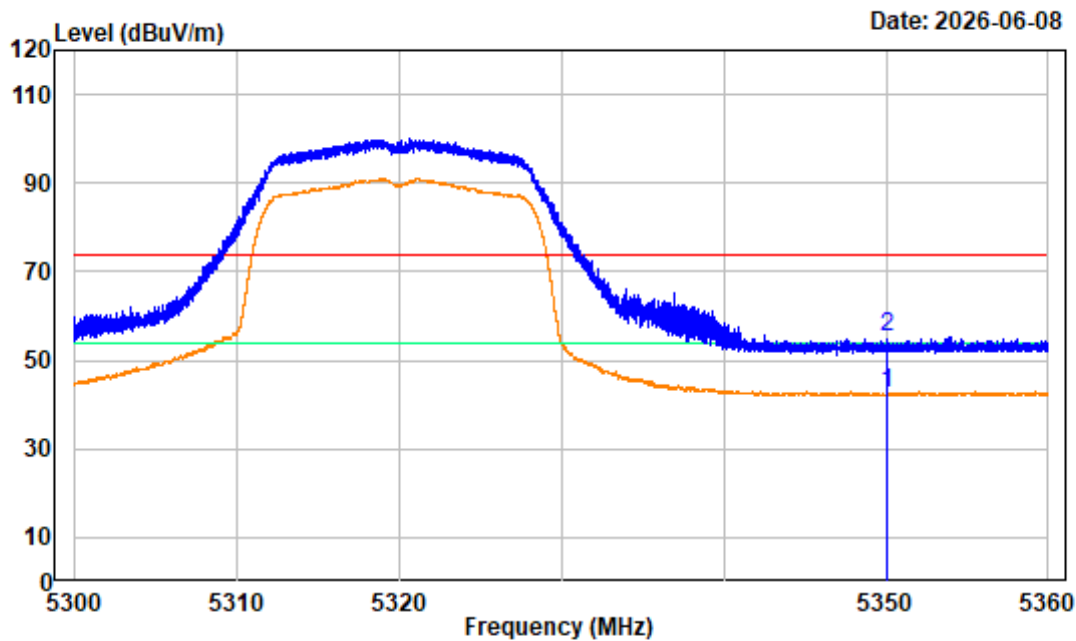
Tester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5320MHz 18GHz-40GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 37912.750	7.66	38.58	46.24	54.00	-7.76	Average
2 37912.750	7.66	49.48	57.14	74.00	-16.86	Peak

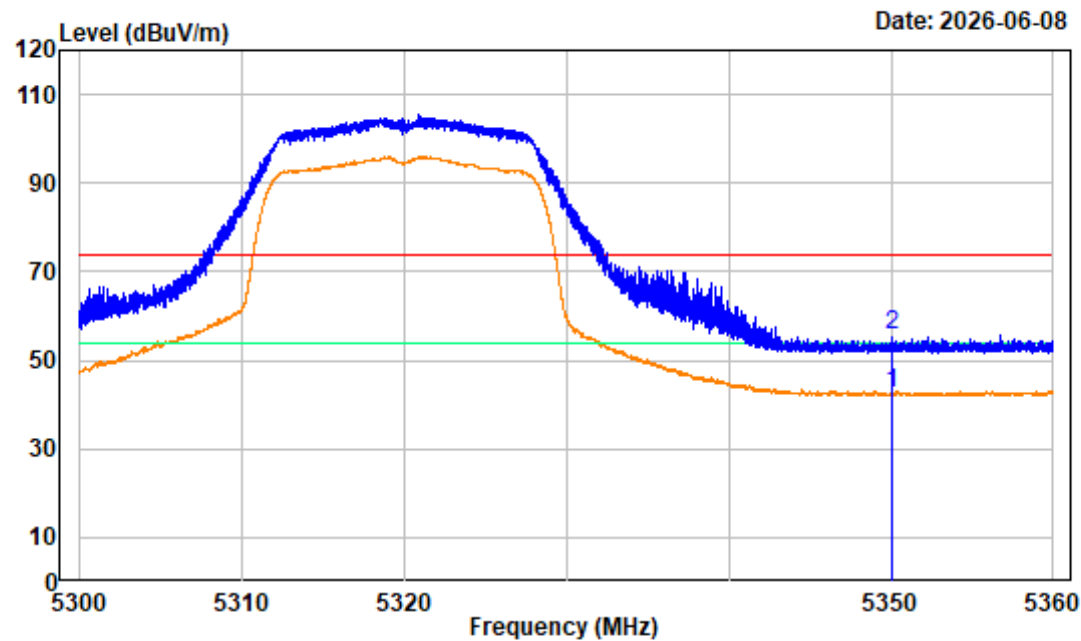
5G WIFI 802.11a High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.15	42.55	54.00	-11.45	Average
2	5350.000	-6.60	61.80	55.20	74.00	-18.80	Peak

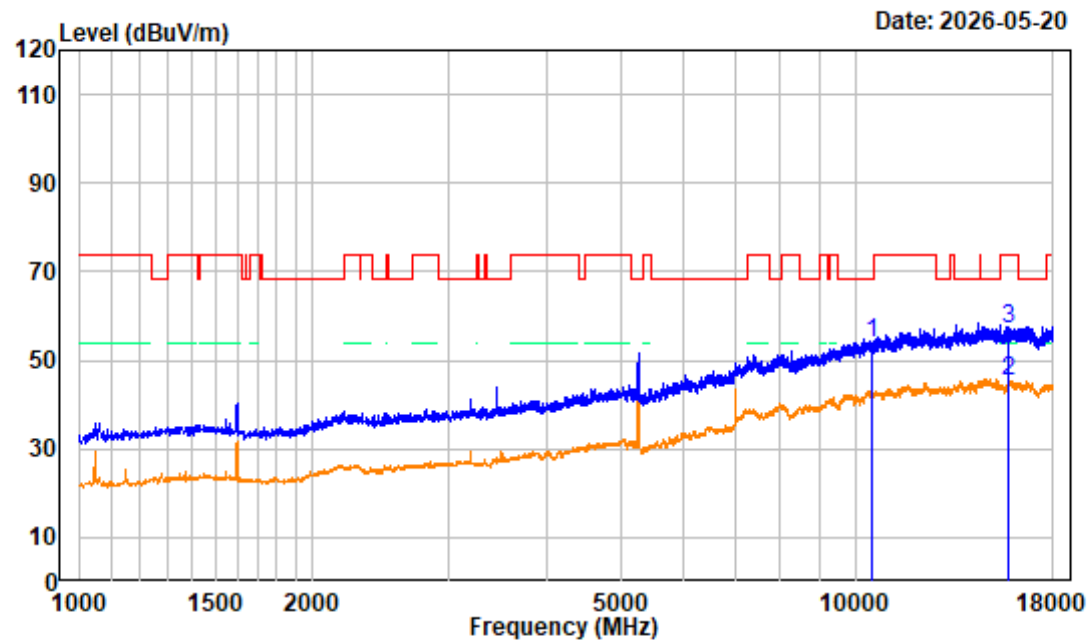
5G WIFI 802.11a High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.23	42.63	54.00	-11.37 Average
2	5350.000	-6.60	62.50	55.90	74.00	-18.10 Peak

5G WIFI 802.11n20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

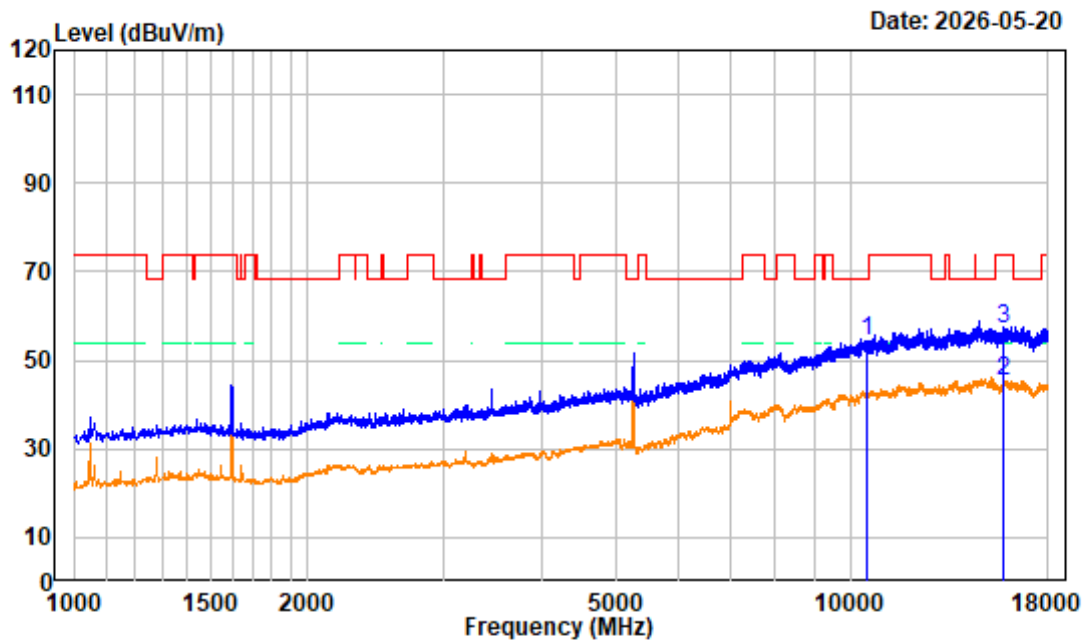
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5260MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10520.000	4.00	49.97	53.97	68.20	-14.23	Peak
2	15780.000	6.64	38.50	45.14	54.00	-8.86	Average
3	15780.000	6.64	50.56	57.20	74.00	-16.80	Peak

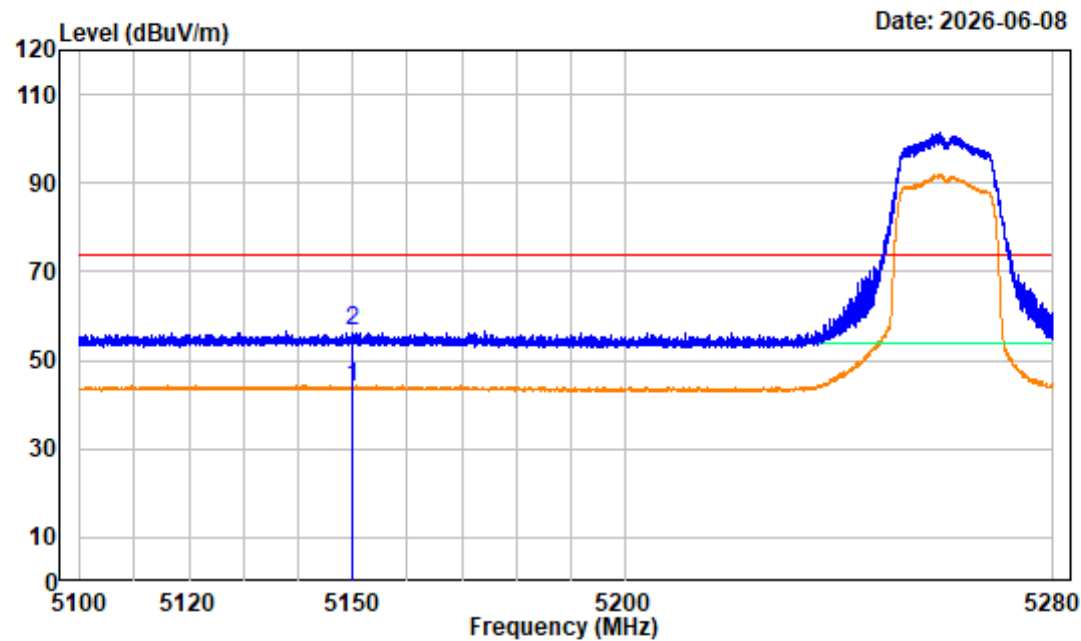
5G WIFI 802.11n20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5260MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10520.000	4.00	50.48	54.48	68.20	-13.72	Peak
2 15780.000	6.64	38.82	45.46	54.00	-8.54	Average
3 15780.000	6.64	50.20	56.84	74.00	-17.16	Peak

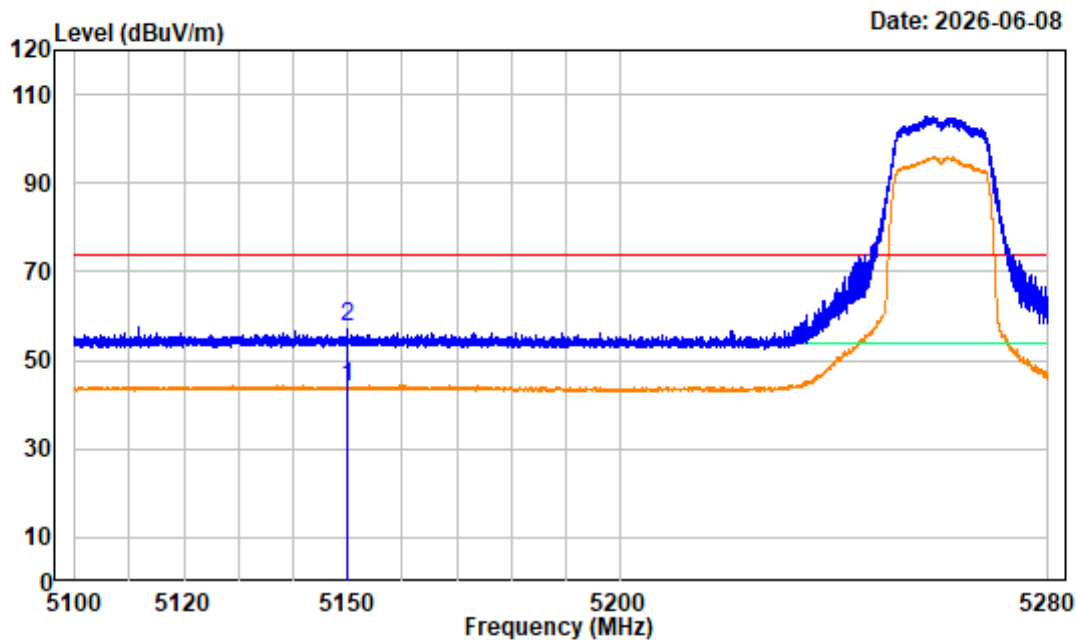
5G WIFI 802.11n20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5260MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.97	43.92	54.00	-10.08	Average
2	5150.000	-6.05	62.63	56.58	74.00	-17.42	Peak

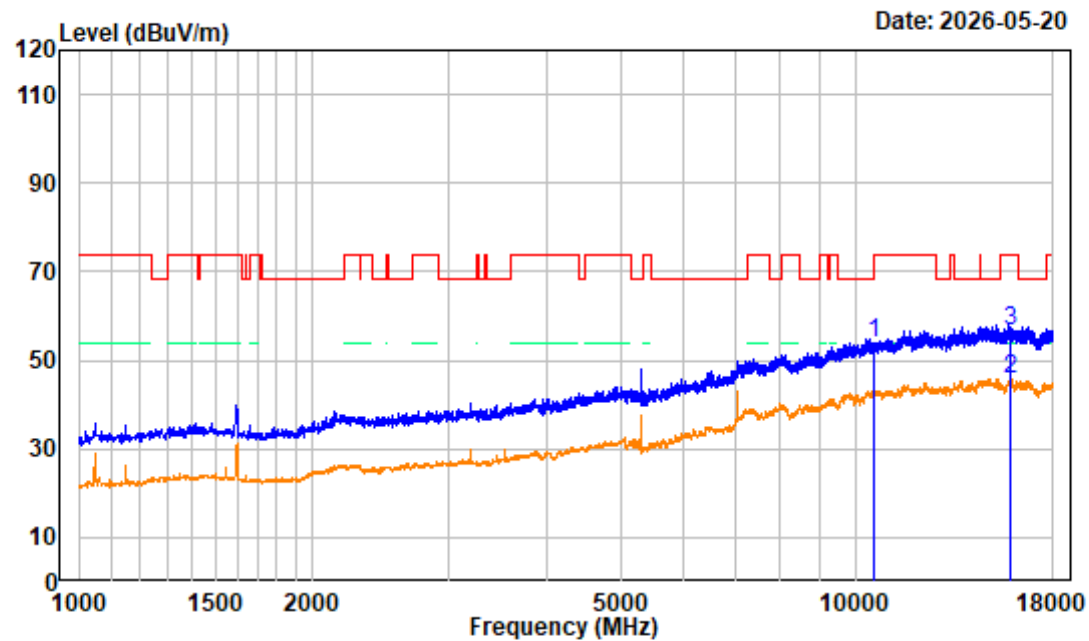
5G WIFI 802.11n20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5260MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	50.04	43.99	54.00	-10.01 Average
2	5150.000	-6.05	63.52	57.47	74.00	-16.53 Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

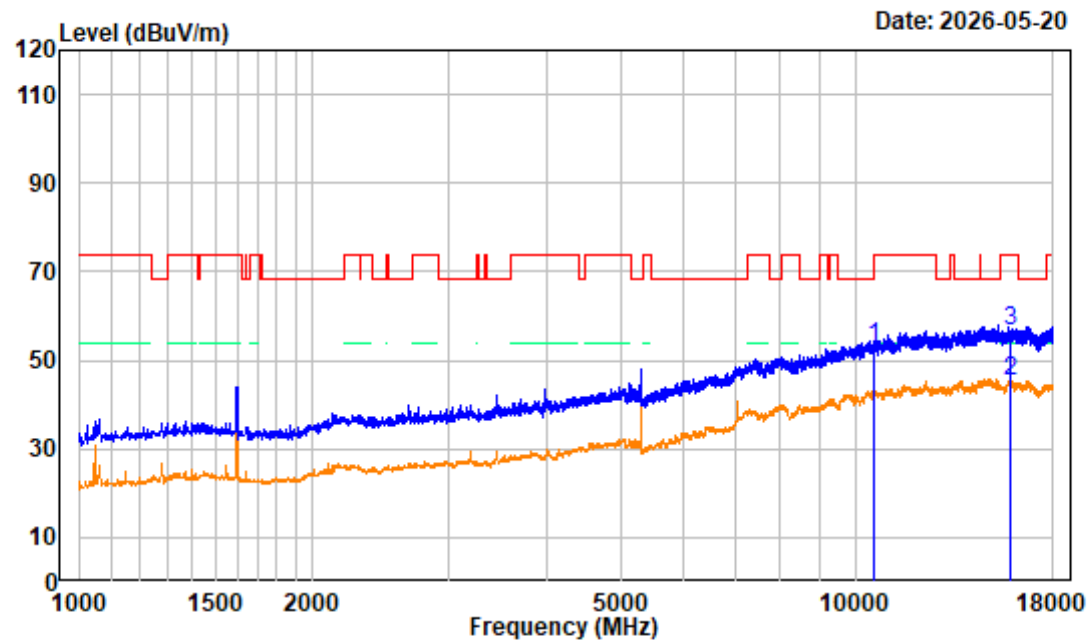
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5300MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10600.000	3.93	49.88	53.81	68.20	-14.39	Peak
2	15900.000	6.69	39.07	45.76	54.00	-8.24	Average
3	15900.000	6.69	49.81	56.50	74.00	-17.50	Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

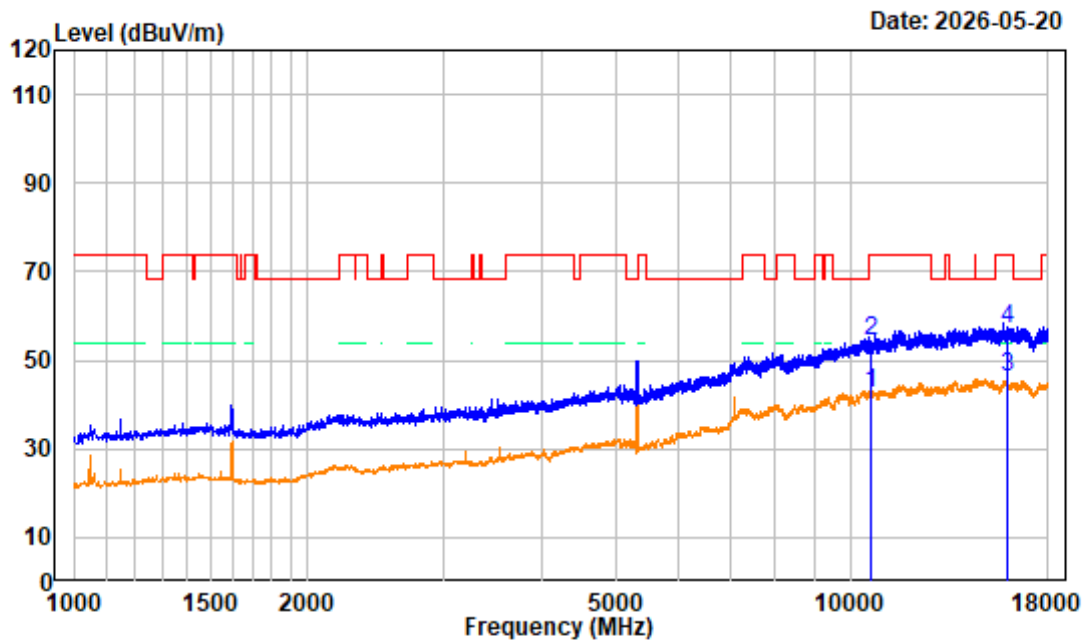
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5300MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10600.000	3.93	49.11	53.04	68.20	-15.16	Peak
2	15900.000	6.69	38.47	45.16	54.00	-8.84	Average
3	15900.000	6.69	49.74	56.43	74.00	-17.57	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

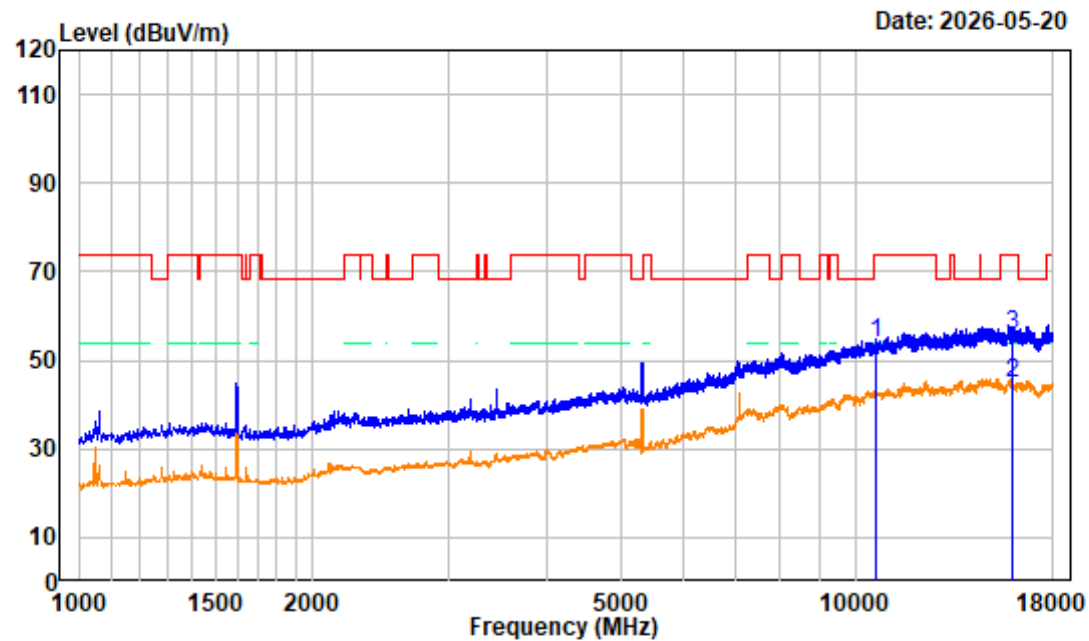
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5320MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10640.000	4.31	38.33	42.64	54.00	-11.36	Average
2	10640.000	4.31	50.24	54.55	74.00	-19.45	Peak
3	15960.000	6.30	39.89	46.19	54.00	-7.81	Average
4	15960.000	6.30	50.77	57.07	74.00	-16.93	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

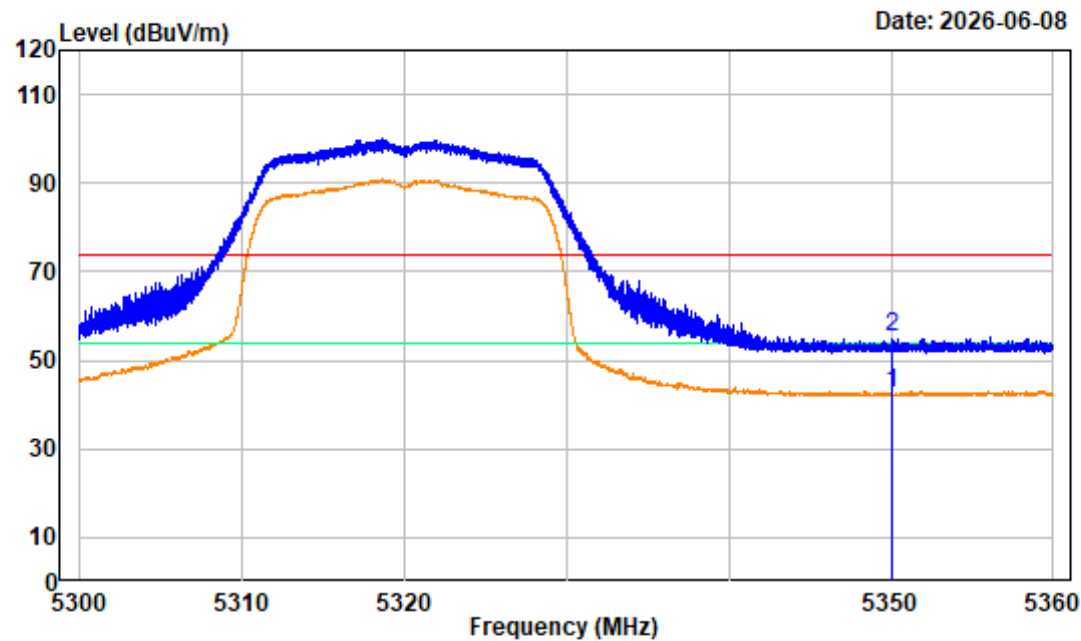
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5320MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10640.000	4.31	49.65	53.96	74.00	-20.04	Peak
2	15960.000	6.30	38.45	44.75	54.00	-9.25	Average
3	15960.000	6.30	49.60	55.90	74.00	-18.10	Peak

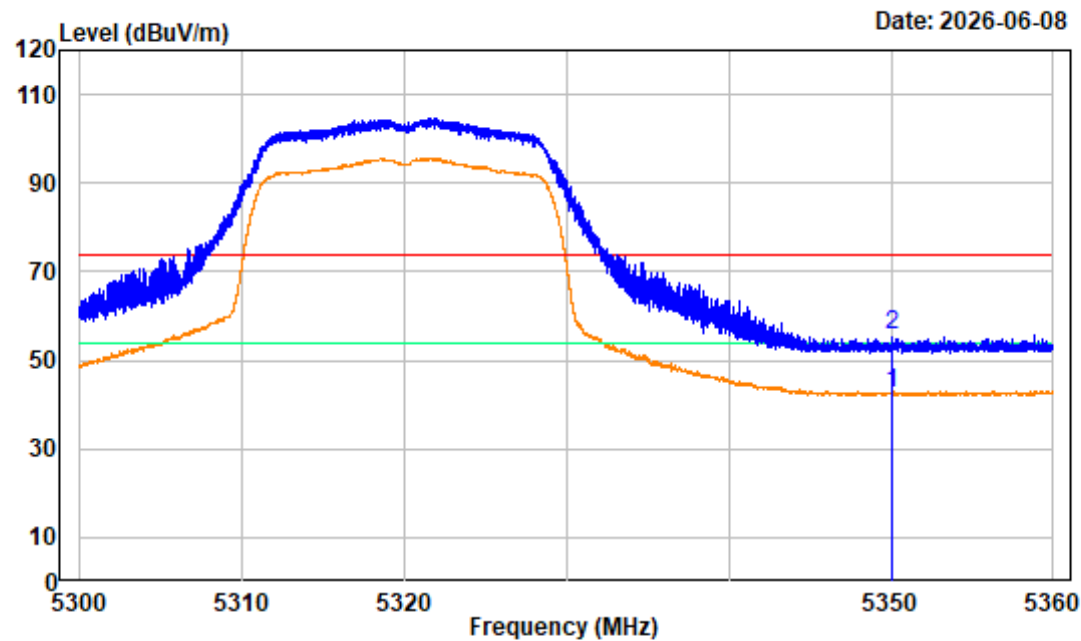
5G WIFI 802.11n20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.05	42.45	54.00	-11.55	Average
2	5350.000	-6.60	61.79	55.19	74.00	-18.81	Peak

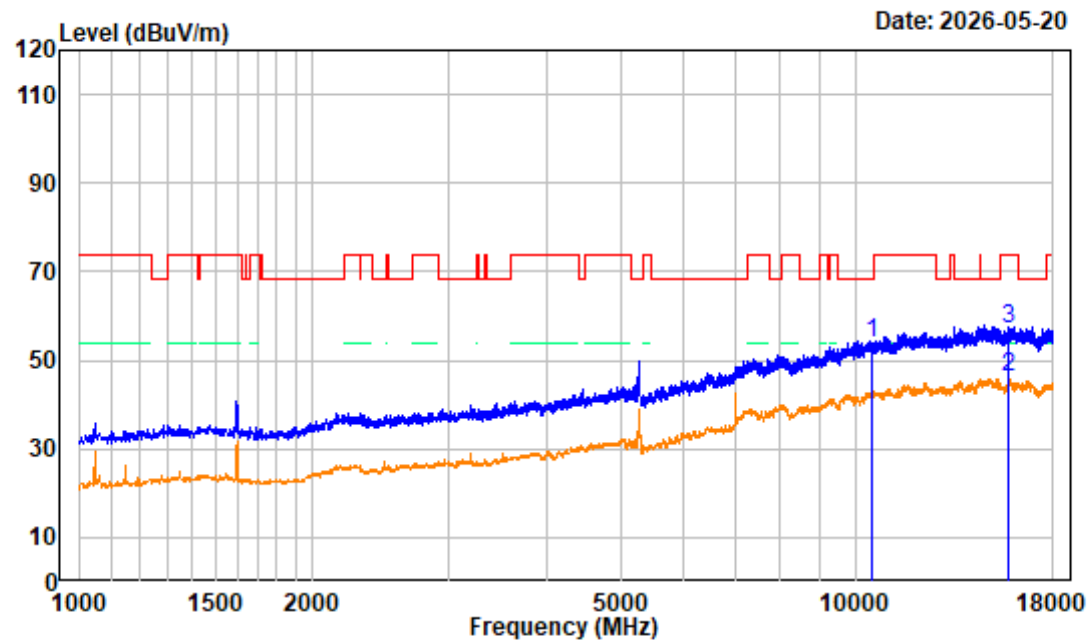
5G WIFI 802.11n20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.02	42.42	54.00	-11.58	Average
2	5350.000	-6.60	62.41	55.81	74.00	-18.19	Peak

5G WIFI 802.11n40 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

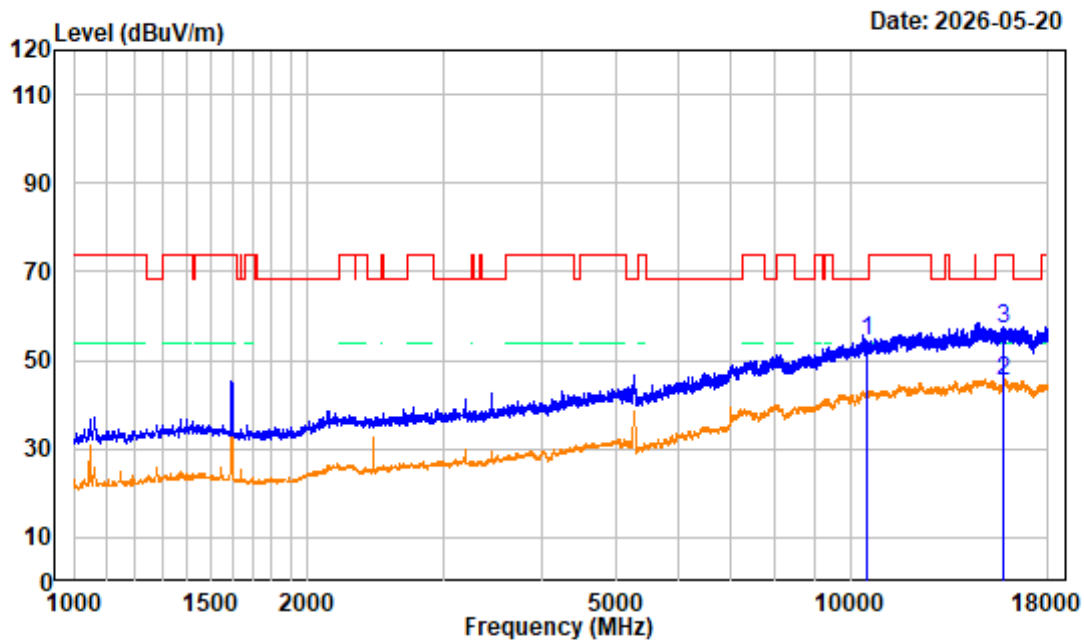
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5270MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10540.000	4.18	49.86	54.04	68.20	-14.16	Peak
2 15810.000	6.64	39.36	46.00	54.00	-8.00	Average
3 15810.000	6.64	50.40	57.04	74.00	-16.96	Peak

5G WIFI 802.11n40 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

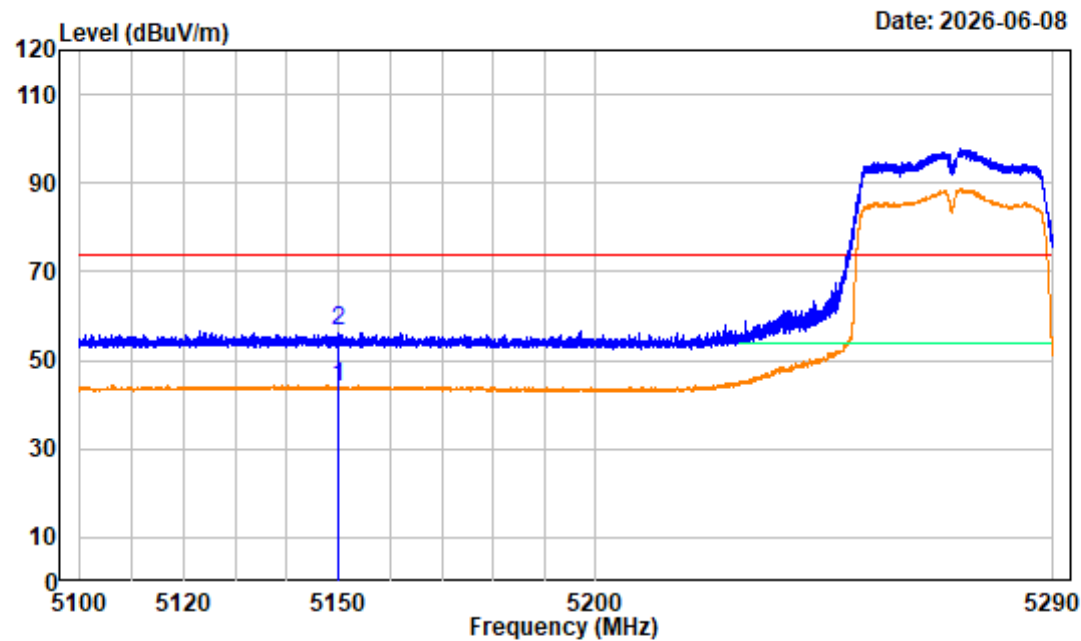
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5270MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10540.000	4.18	50.34	54.52	68.20	-13.68	Peak
2	15810.000	6.64	38.73	45.37	54.00	-8.63	Average
3	15810.000	6.64	50.28	56.92	74.00	-17.08	Peak

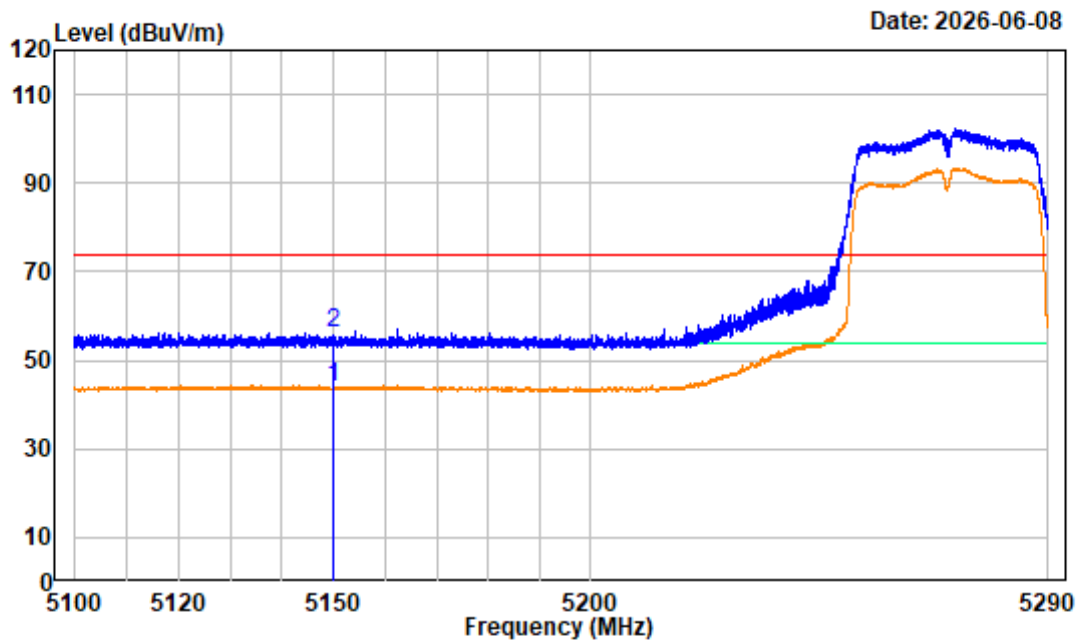
5G WIFI 802.11n40 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5270MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.82	43.77	54.00	-10.23 Average
2	5150.000	-6.05	62.47	56.42	74.00	-17.58 Peak

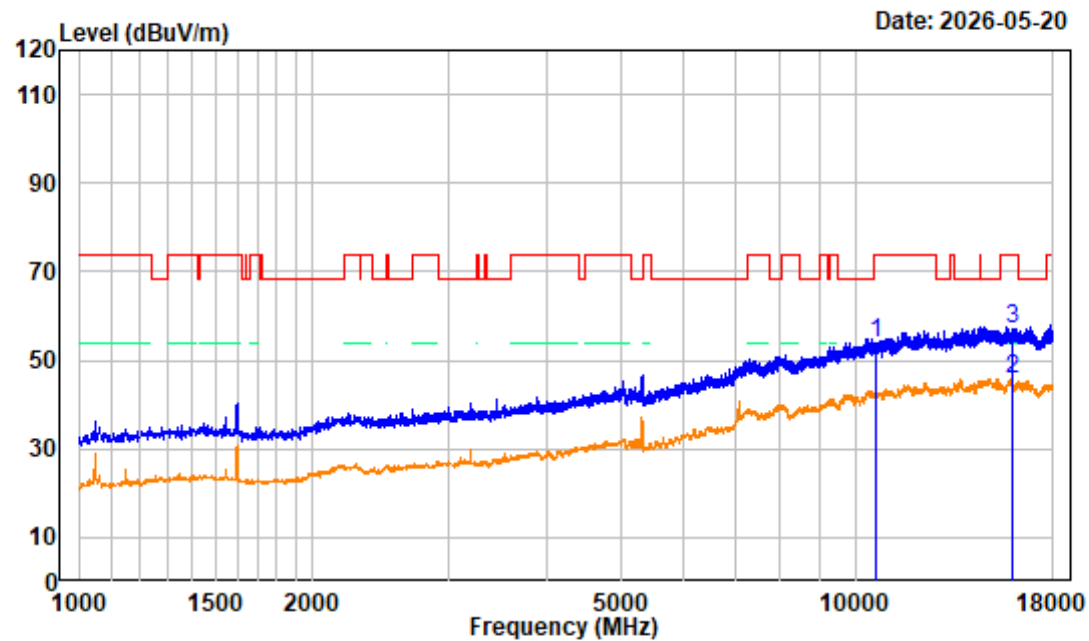
5G WIFI 802.11n40 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5270MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.75	43.70	54.00	-10.30 Average
2	5150.000	-6.05	62.41	56.36	74.00	-17.64 Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

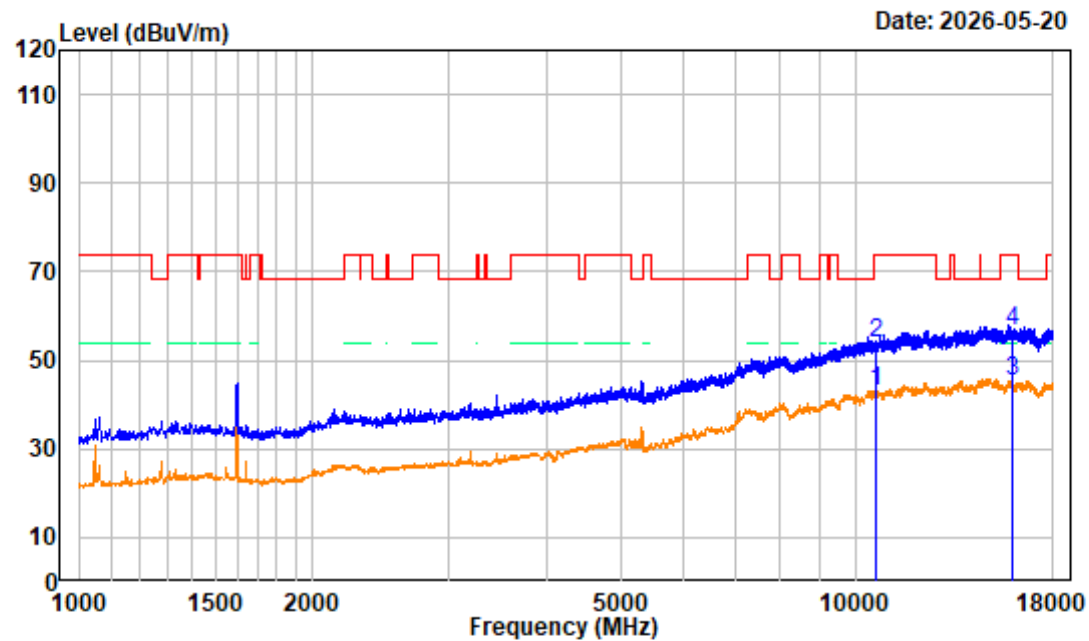
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5310MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10620.000	4.13	49.80	53.93	74.00	-20.07	Peak
2	15930.000	6.46	39.49	45.95	54.00	-8.05	Average
3	15930.000	6.46	50.43	56.89	74.00	-17.11	Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

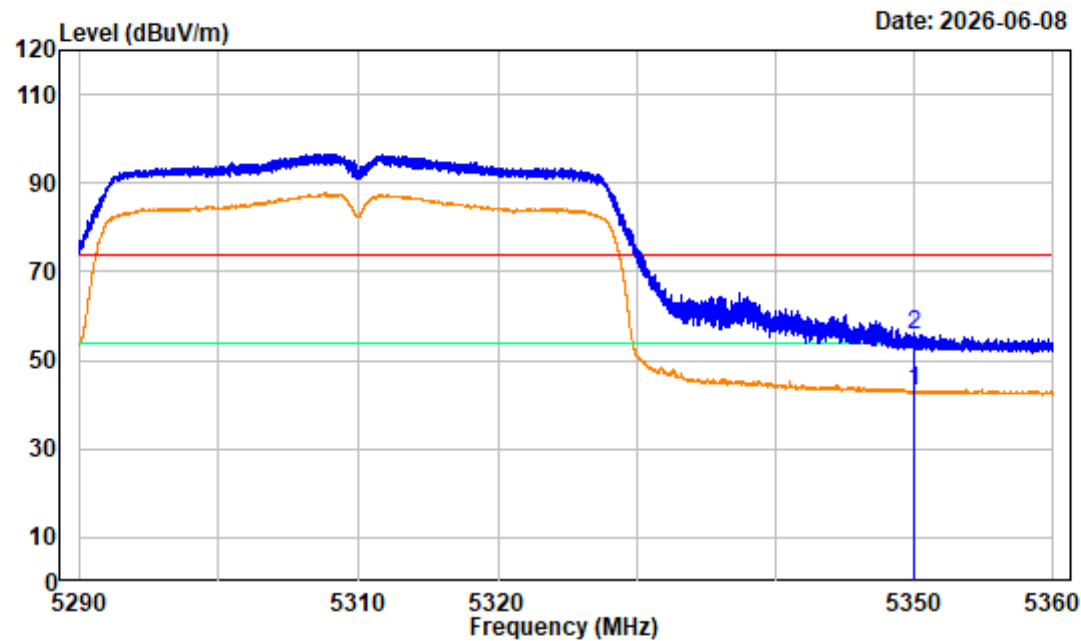
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5310MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10620.000	4.13	38.98	43.11	54.00	-10.89	Average
2	10620.000	4.13	49.95	54.08	74.00	-19.92	Peak
3	15930.000	6.46	38.64	45.10	54.00	-8.90	Average
4	15930.000	6.46	50.36	56.82	74.00	-17.18	Peak

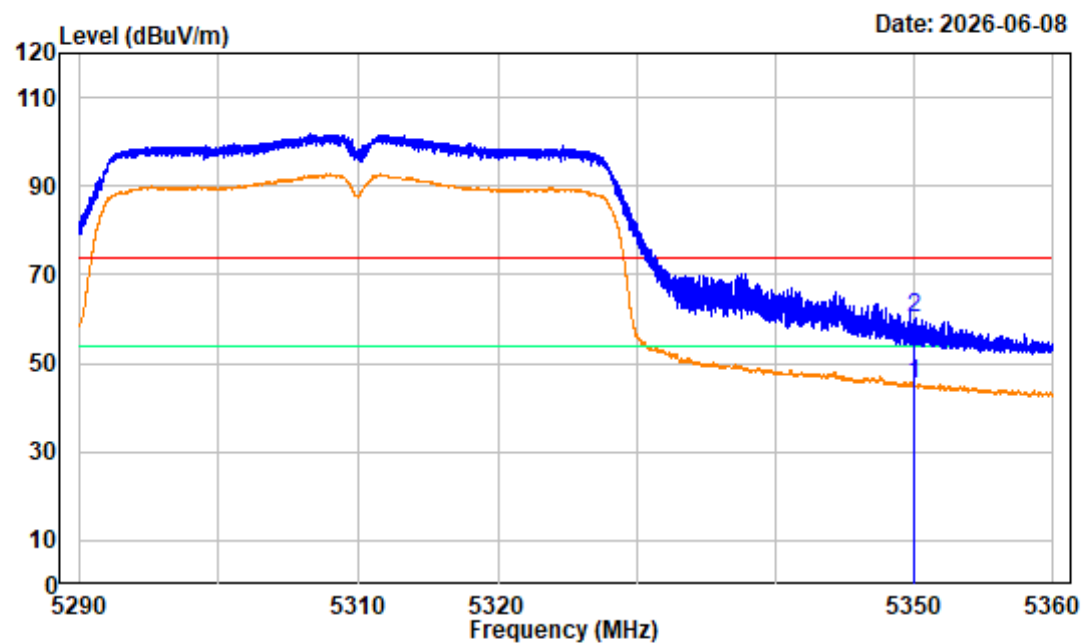
5G WIFI 802.11n40 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5310MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.58	42.98	54.00	-11.02	Average
2	5350.000	-6.60	62.51	55.91	74.00	-18.09	Peak

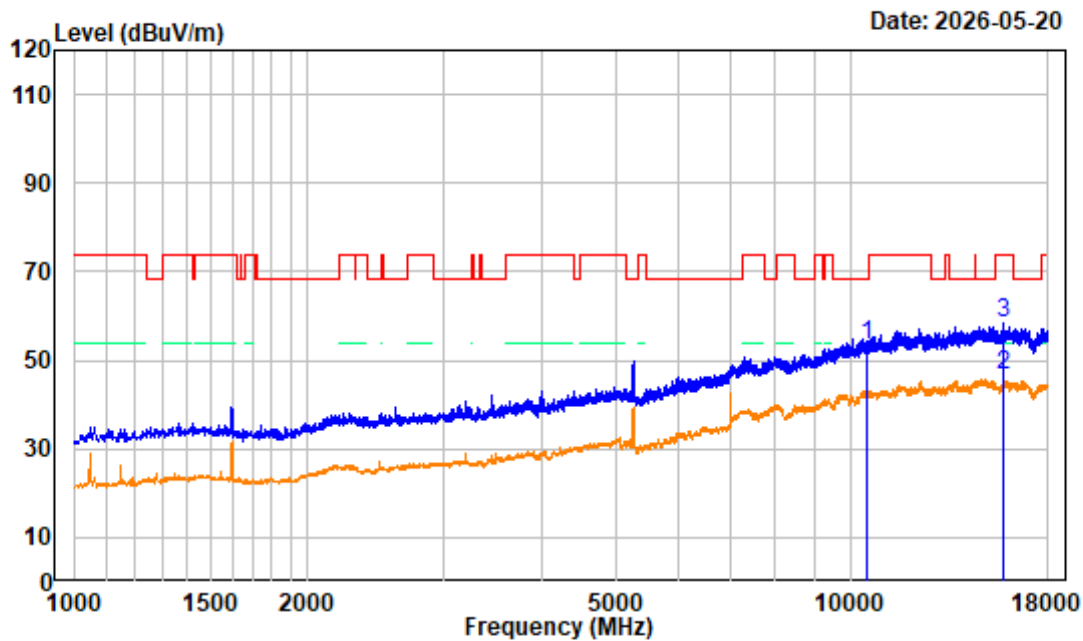
5G WIFI 802.11n40 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5310MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	51.74	45.14	54.00	-8.86	Average
2	5350.000	-6.60	66.87	60.27	74.00	-13.73	Peak

5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

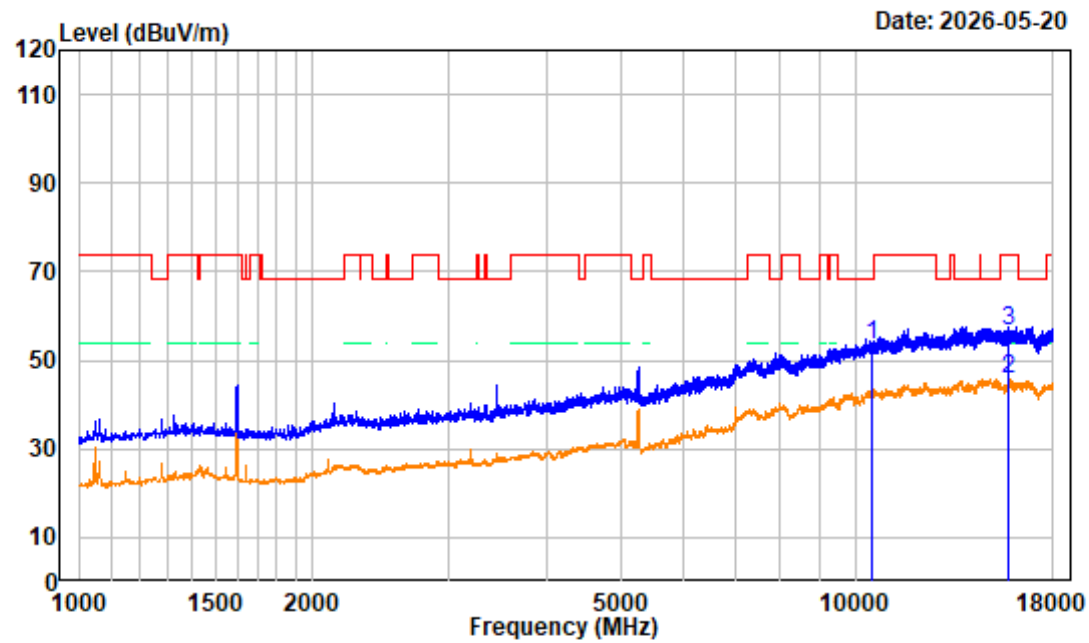
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5260MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10520.000	4.00	49.26	53.26	68.20	-14.94	Peak
2	15780.000	6.64	39.93	46.57	54.00	-7.43	Average
3	15780.000	6.64	51.89	58.53	74.00	-15.47	Peak

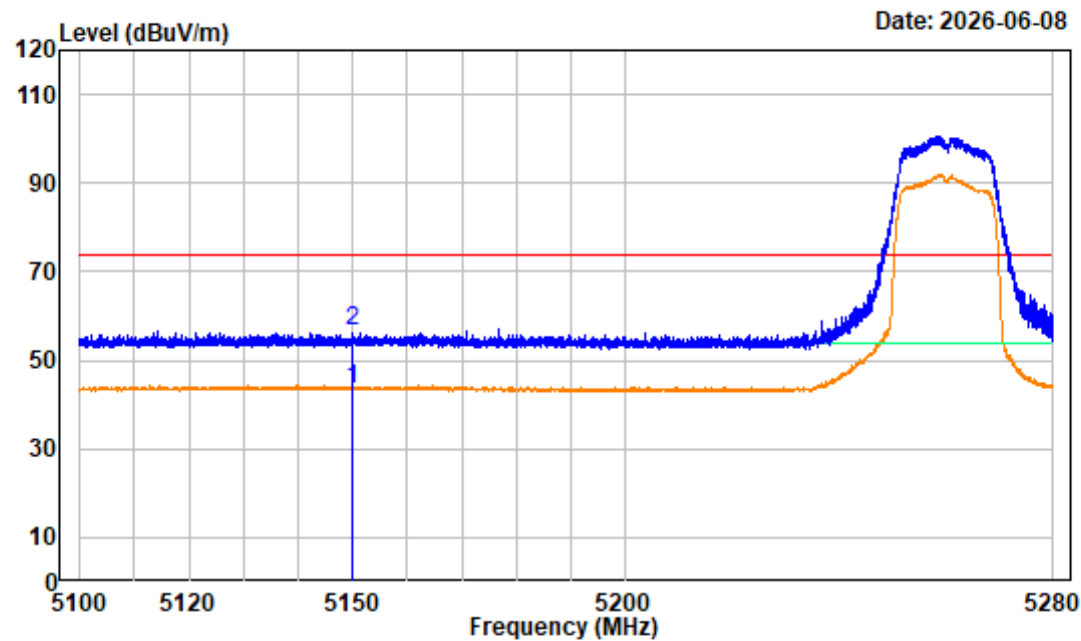
5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Low Channel 5260MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10520.000	4.00	49.40	53.40	68.20	-14.80	Peak
2 15780.000	6.64	38.88	45.52	54.00	-8.48	Average
3 15780.000	6.64	49.83	56.47	74.00	-17.53	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

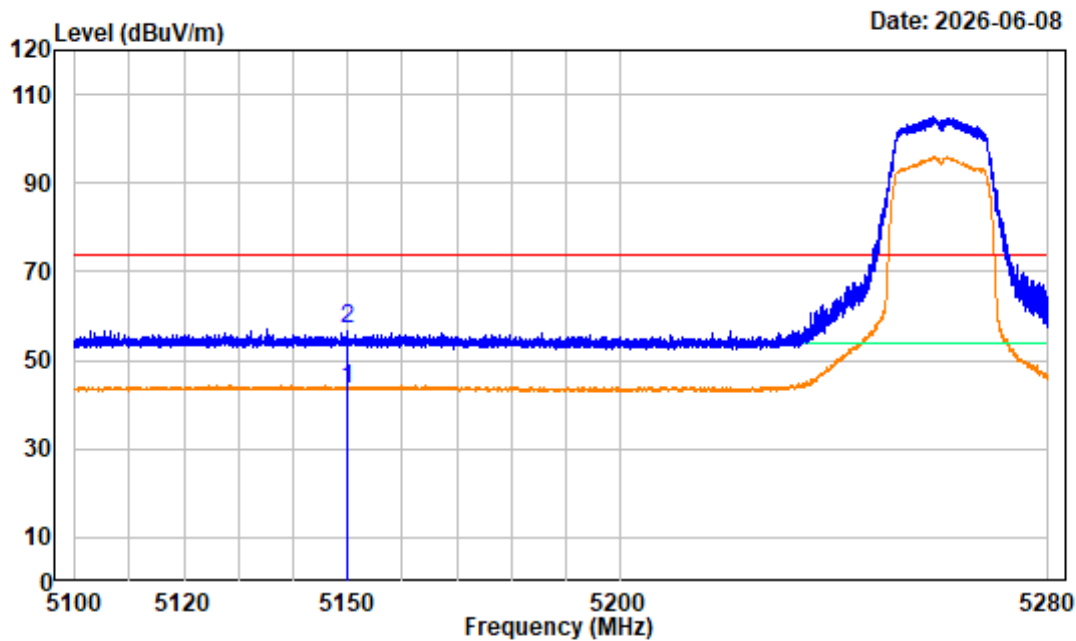
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5260MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.73	43.68	54.00	-10.32	Average
2	5150.000	-6.05	62.45	56.40	74.00	-17.60	Peak

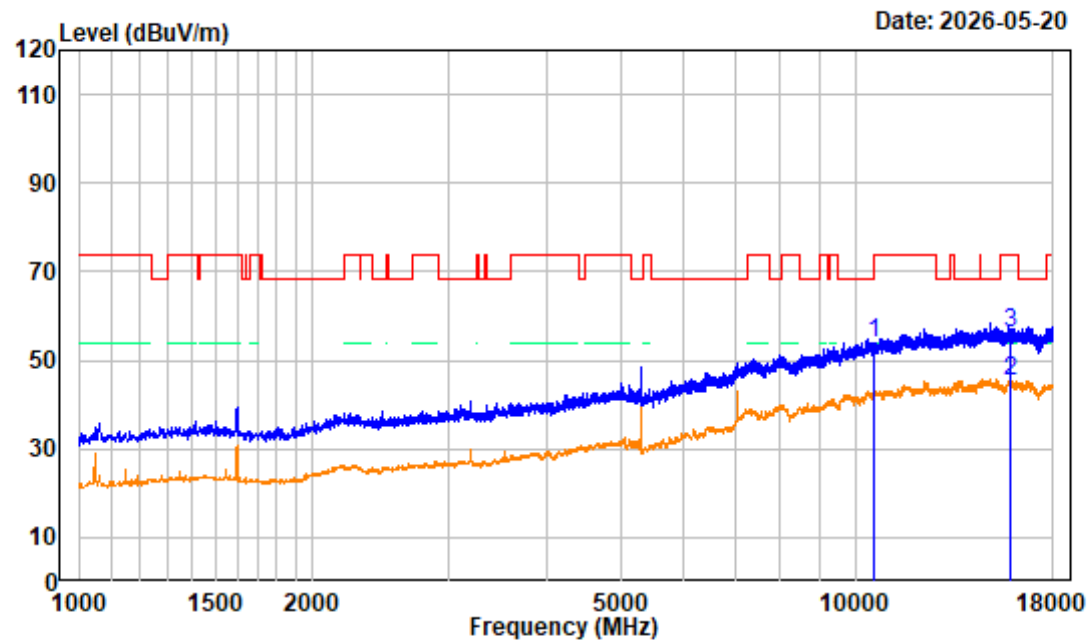
5G WIFI 802.11ac20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Low Channel 5260MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.05	49.56	43.51	54.00	-10.49 Average
2	5150.000	-6.05	63.12	57.07	74.00	-16.93 Peak

5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

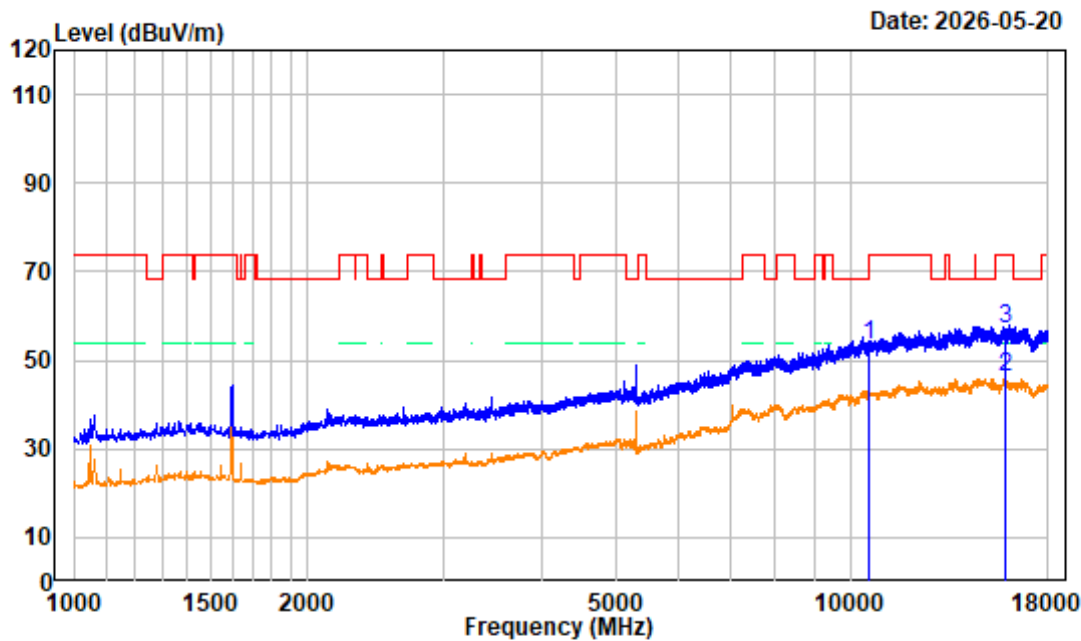
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Middle Channel 5300MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10600.000	3.93	49.80	53.73	68.20	-14.47	Peak
2	15900.000	6.69	38.55	45.24	54.00	-8.76	Average
3	15900.000	6.69	49.67	56.36	74.00	-17.64	Peak

5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

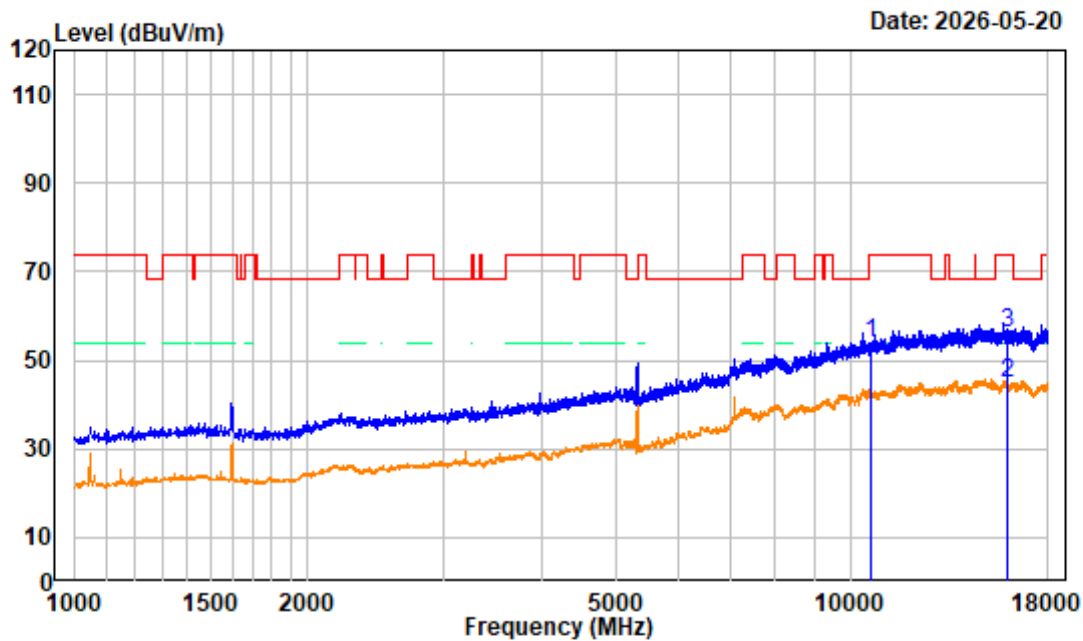
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Middle Channel 5300MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10600.000	3.93	49.55	53.48	68.20	-14.72	Peak
2	15900.000	6.69	39.39	46.08	54.00	-7.92	Average
3	15900.000	6.69	50.47	57.16	74.00	-16.84	Peak

5G WIFI 802.11ac20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

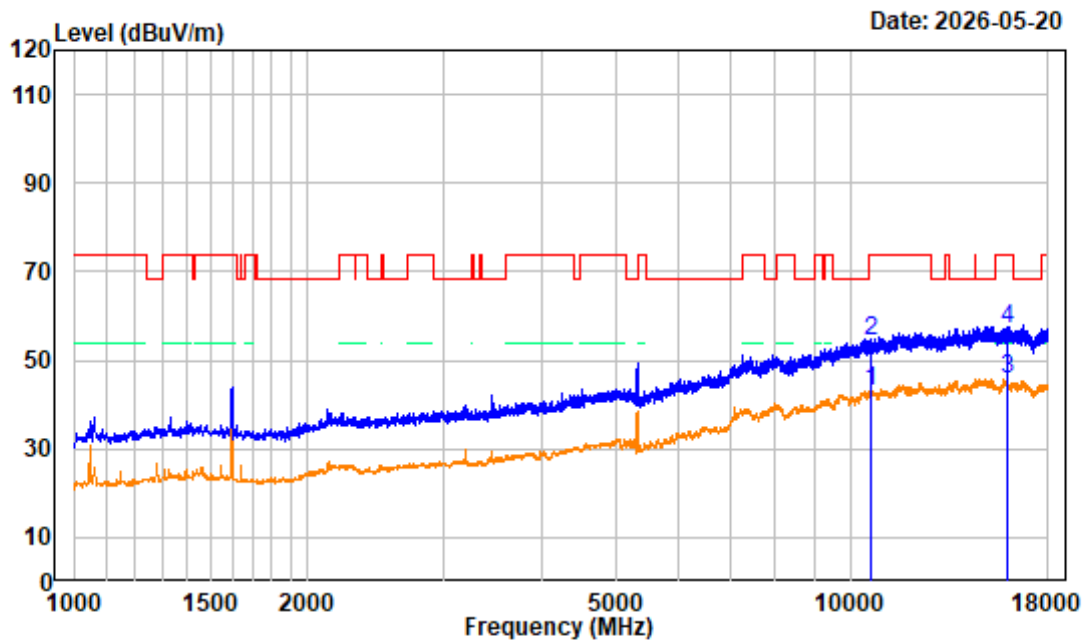
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5320MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	10640.000	4.31	49.66	53.97	74.00	-20.03	Peak
2	15960.000	6.30	38.73	45.03	54.00	-8.97	Average
3	15960.000	6.30	49.88	56.18	74.00	-17.82	Peak

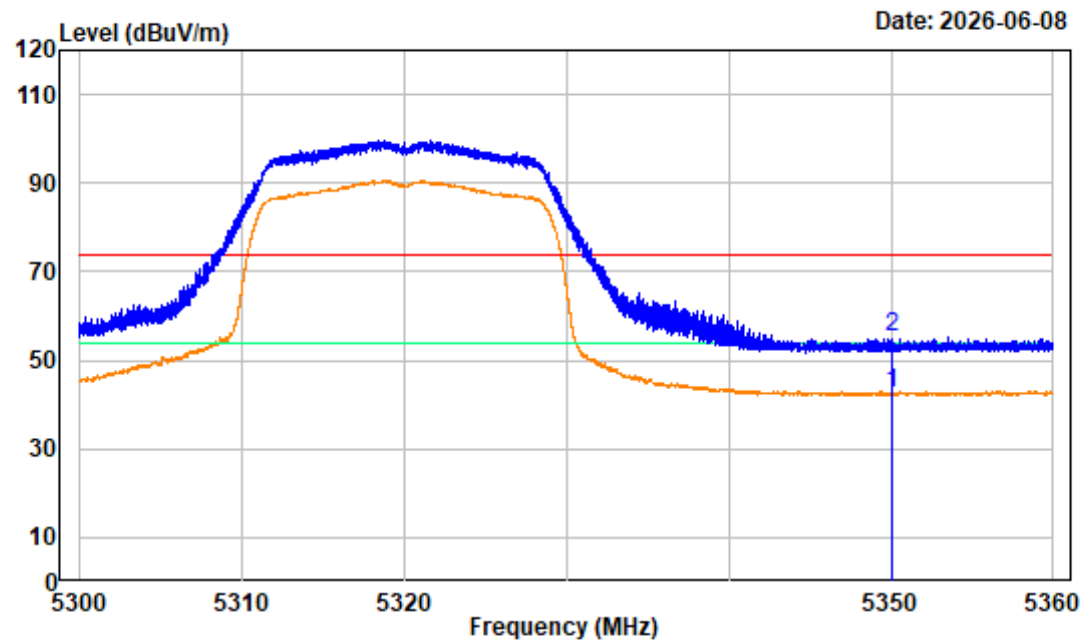
5G WIFI 802.11ac20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5320MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10640.000	4.31	38.88	43.19	54.00	-10.81	Average
2 10640.000	4.31	49.82	54.13	74.00	-19.87	Peak
3 15960.000	6.30	39.33	45.63	54.00	-8.37	Average
4 15960.000	6.30	50.82	57.12	74.00	-16.88	Peak

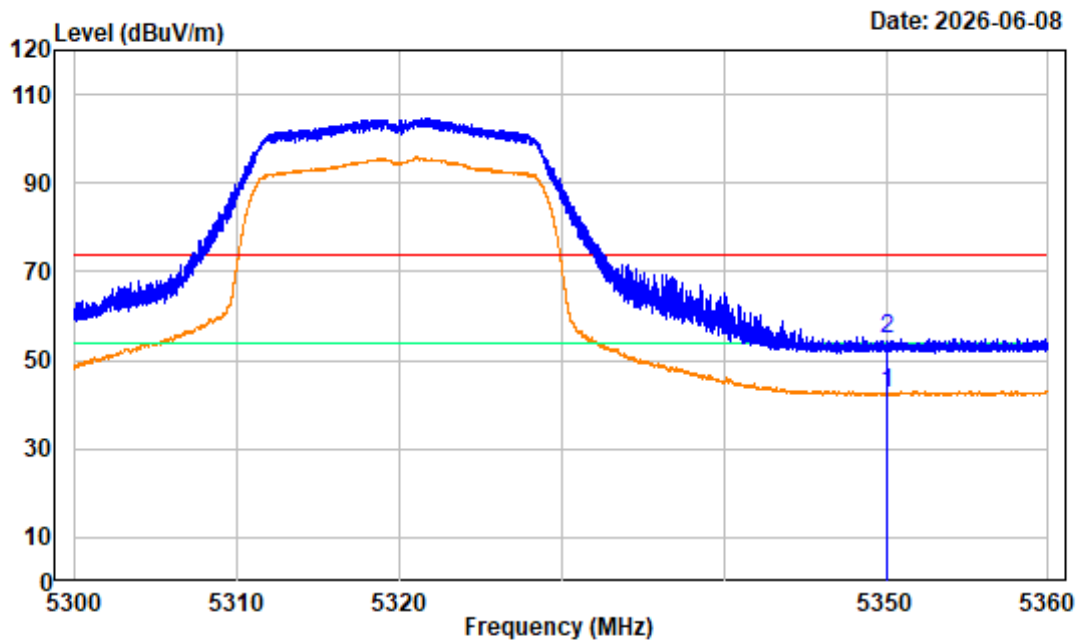
5G WIFI 802.11ac20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	49.18	42.58	54.00	-11.42	Average
2	5350.000	-6.60	61.71	55.11	74.00	-18.89	Peak

5G WIFI 802.11ac20 High Channel Bandedge_VERTICAL

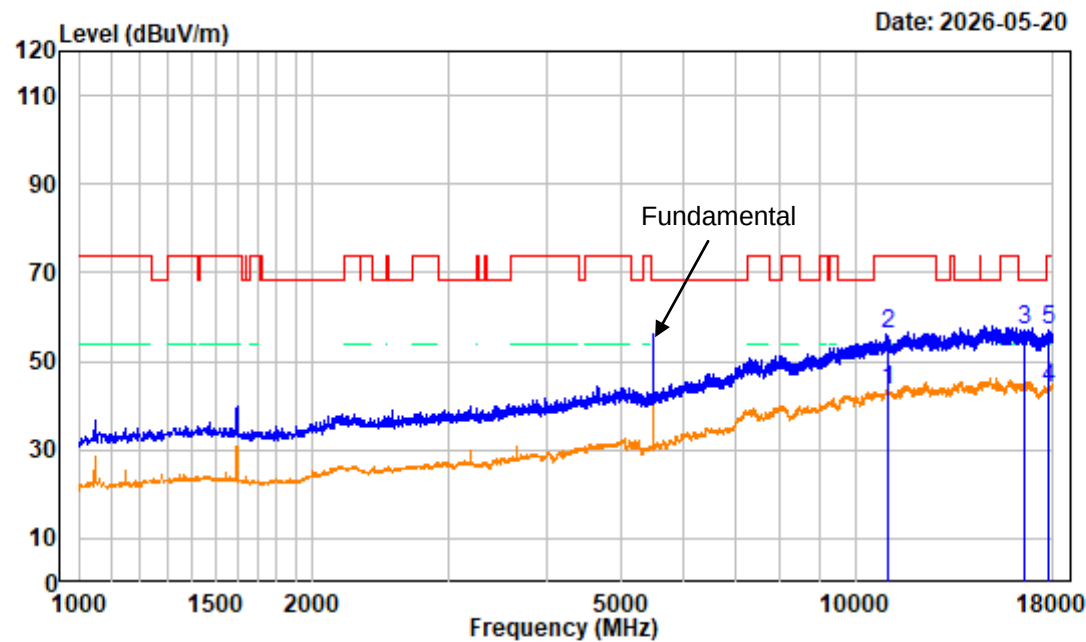


Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5320MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-6.60	48.98	42.38	54.00	-11.62	Average
2	5350.000	-6.60	61.43	54.83	74.00	-19.17	Peak

For Band 3

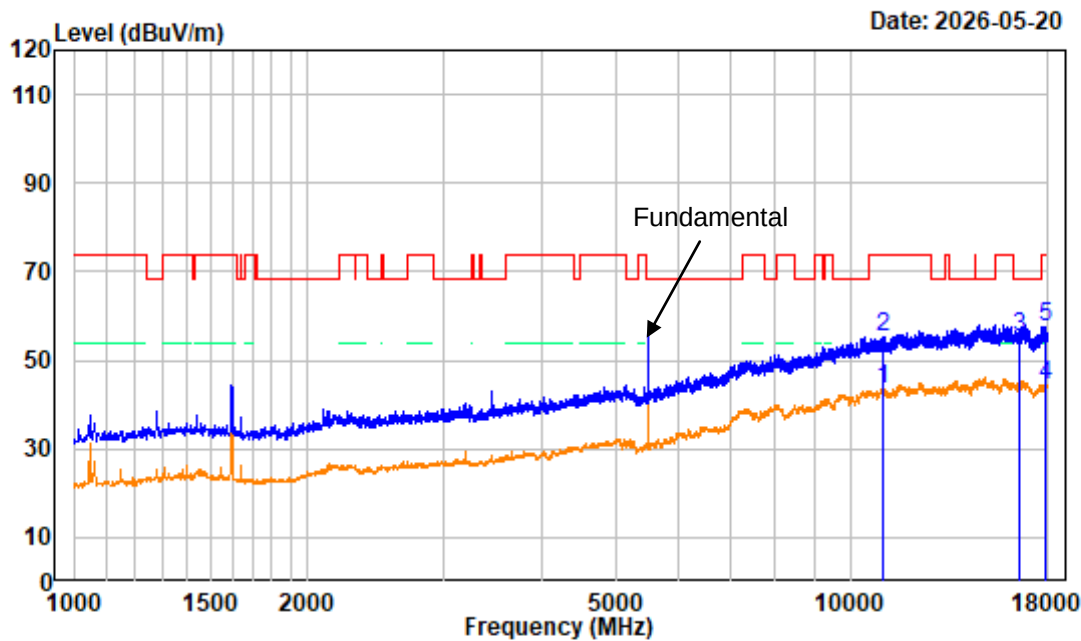
5G WIFI 802.11a Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5500MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11000.000	5.10	38.37	43.47	54.00	-10.53	Average
2 11000.000	5.10	51.24	56.34	74.00	-17.66	Peak
3 16500.000	6.44	50.64	57.08	68.20	-11.12	Peak
4 17742.880	7.32	36.79	44.11	54.00	-9.89	Average
5 17742.880	7.32	49.67	56.99	74.00	-17.01	Peak

5G WIFI 802.11a Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

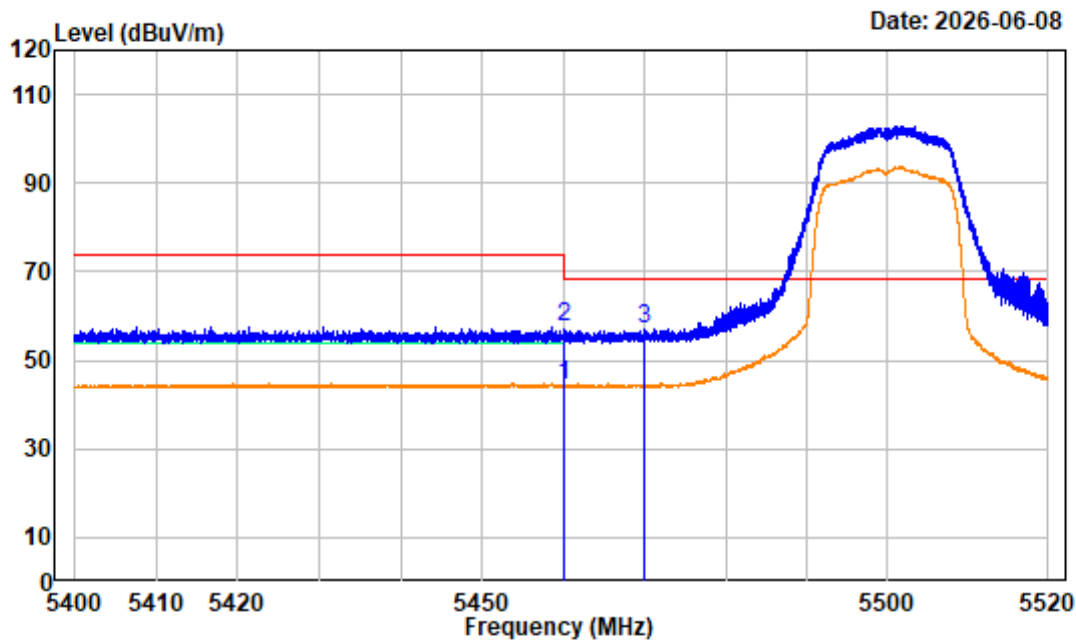
Tester:Angel Chen

Note : 5G WIFI 802.11a Low Channel 5500MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11000.000	5.10	38.51	43.61	54.00	-10.39	Average
2 11000.000	5.10	50.15	55.25	74.00	-18.75	Peak
3 16500.000	6.44	49.00	55.44	68.20	-12.76	Peak
4 17855.500	7.42	36.88	44.30	54.00	-9.70	Average
5 17855.500	7.42	50.01	57.43	74.00	-16.57	Peak

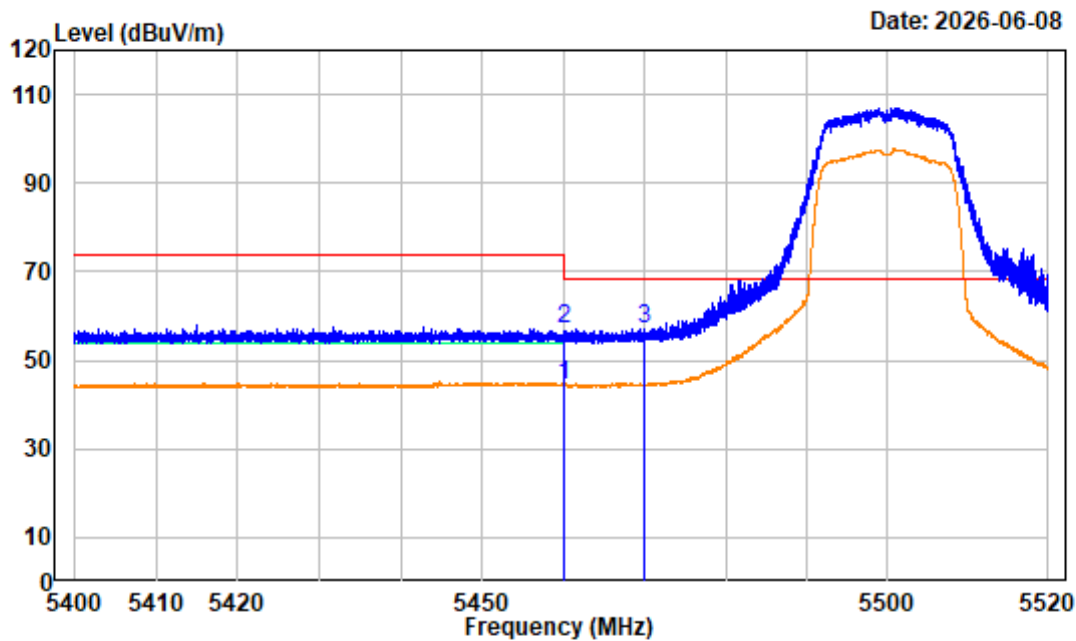
5G WIFI 802.11a Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5500MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5460.000	-6.40	50.85	44.45	54.00	-9.55	Average
2 5460.000	-6.40	64.00	57.60	74.00	-16.40	Peak
3 5470.000	-6.36	63.20	56.84	68.20	-11.36	Peak

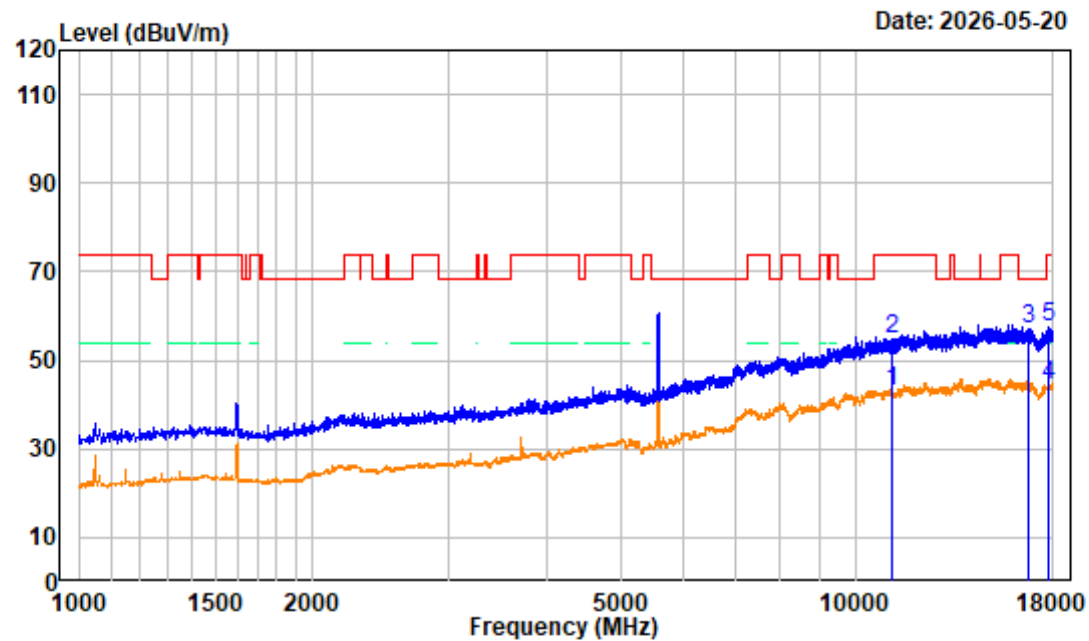
5G WIFI 802.11a Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5500MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	50.90	44.50	54.00	-9.50	Average
2	5460.000	-6.42	63.40	56.98	74.00	-17.02	Peak
3	5470.000	-6.36	63.59	57.23	68.20	-10.97	Peak

5G WIFI 802.11a Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

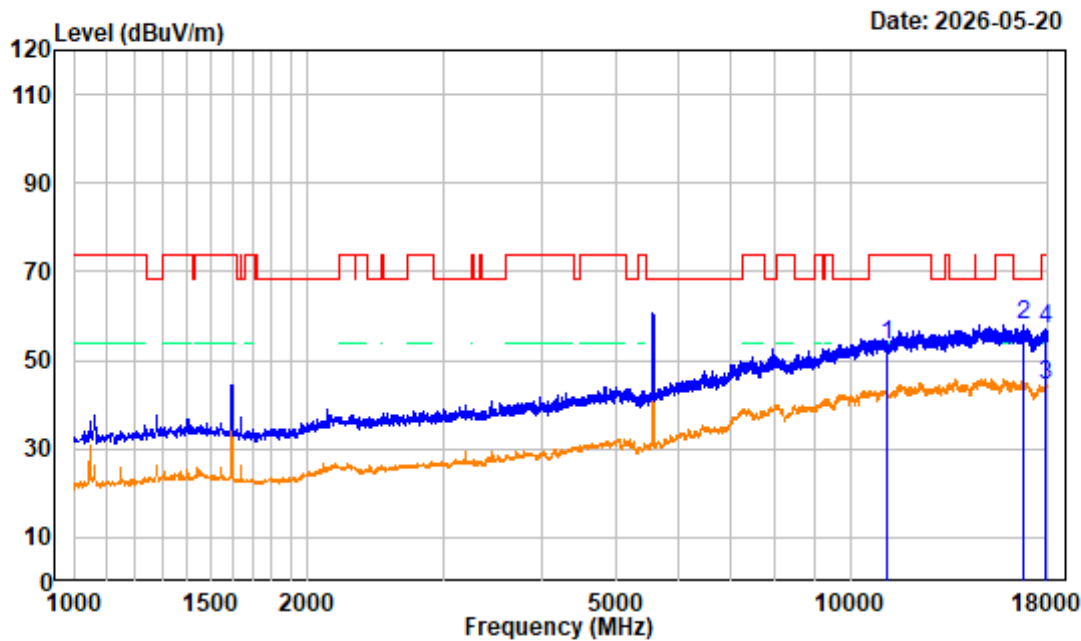
Tester:Angel Chen

Note : 5G WIFI 802.11a Middle Channel 5580MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	38.92	43.18	54.00	-10.82	Average
2	11160.000	4.26	50.42	54.68	74.00	-19.32	Peak
3	16740.000	7.68	49.17	56.85	68.20	-11.35	Peak
4	17713.130	7.40	36.78	44.18	54.00	-9.82	Average
5	17713.130	7.40	50.19	57.59	74.00	-16.41	Peak

5G WIFI 802.11a Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

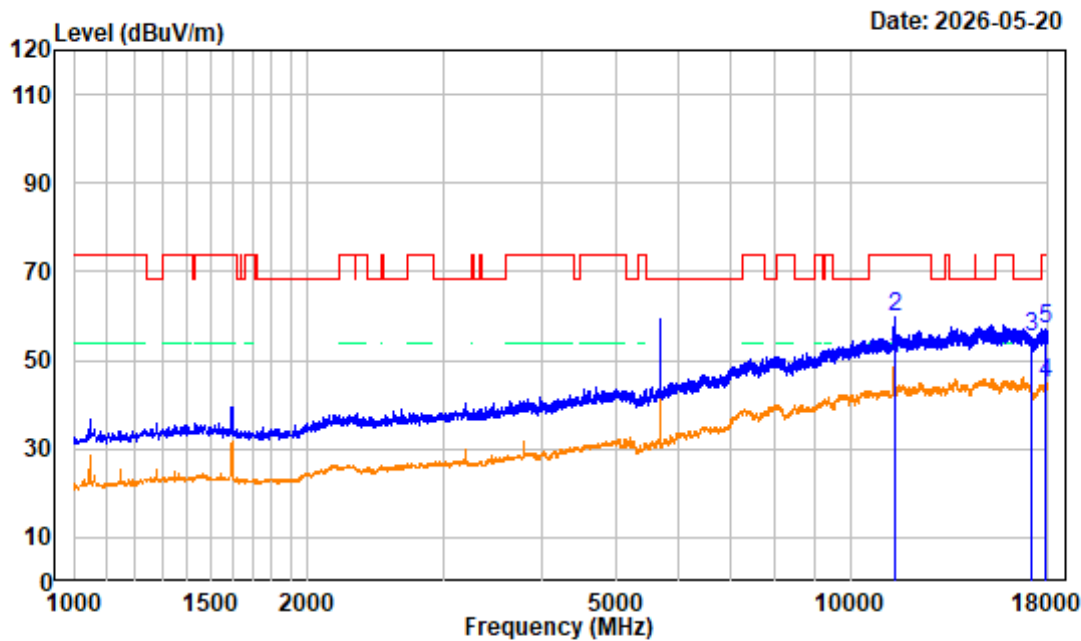
Tester:Angel Chen

Note : 5G WIFI 802.11a Middle Channel 5580MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	49.12	53.38	74.00	-20.62	Peak
2	16740.000	7.68	50.35	58.03	68.20	-10.17	Peak
3	17847.000	7.41	37.16	44.57	54.00	-9.43	Average
4	17847.000	7.41	49.45	56.86	74.00	-17.14	Peak

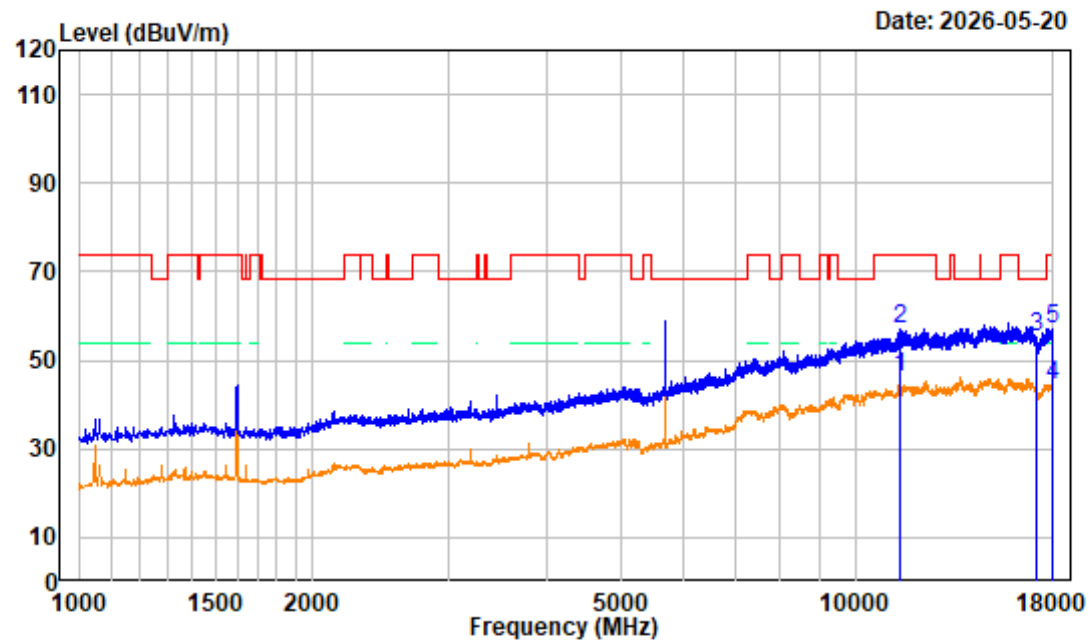
5G WIFI 802.11a High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5700MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	6.13	44.00	50.13	54.00	-3.87	Average
2	11400.000	6.13	53.78	59.91	74.00	-14.09	Peak
3	17100.000	6.62	48.47	55.09	68.20	-13.11	Peak
4	17895.880	7.25	37.39	44.64	54.00	-9.36	Average
5	17895.880	7.25	49.83	57.08	74.00	-16.92	Peak

5G WIFI 802.11a High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

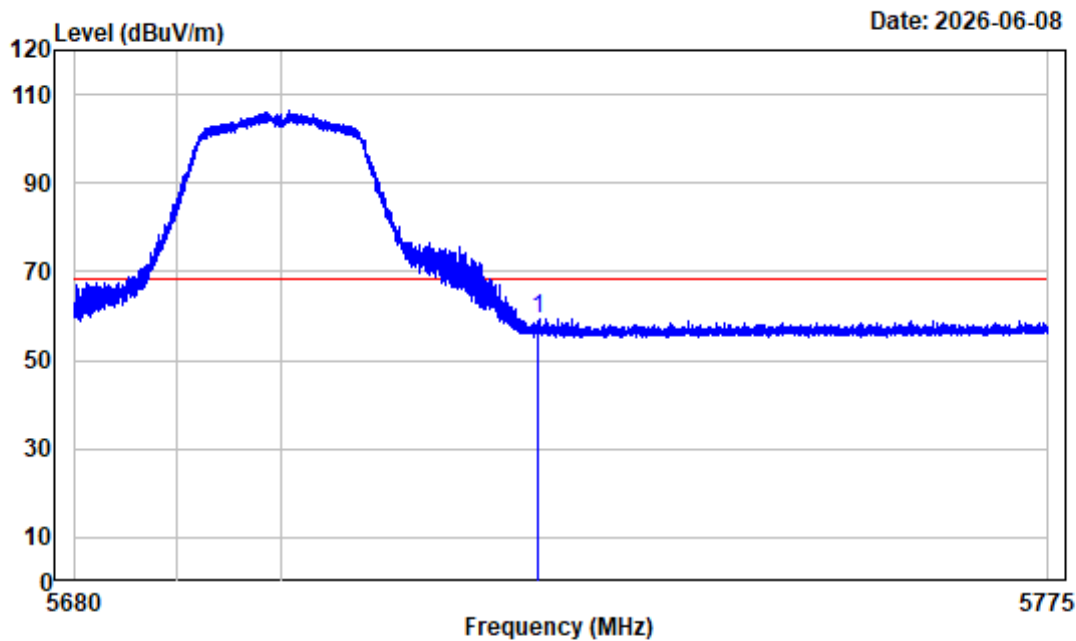
Tester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5700MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	6.13	40.19	46.32	54.00	-7.68	Average
2	11400.000	6.13	50.88	57.01	74.00	-16.99	Peak
3	17100.000	6.62	48.49	55.11	68.20	-13.09	Peak
4	17997.880	7.80	36.50	44.30	54.00	-9.70	Average
5	17997.880	7.80	49.23	57.03	74.00	-16.97	Peak

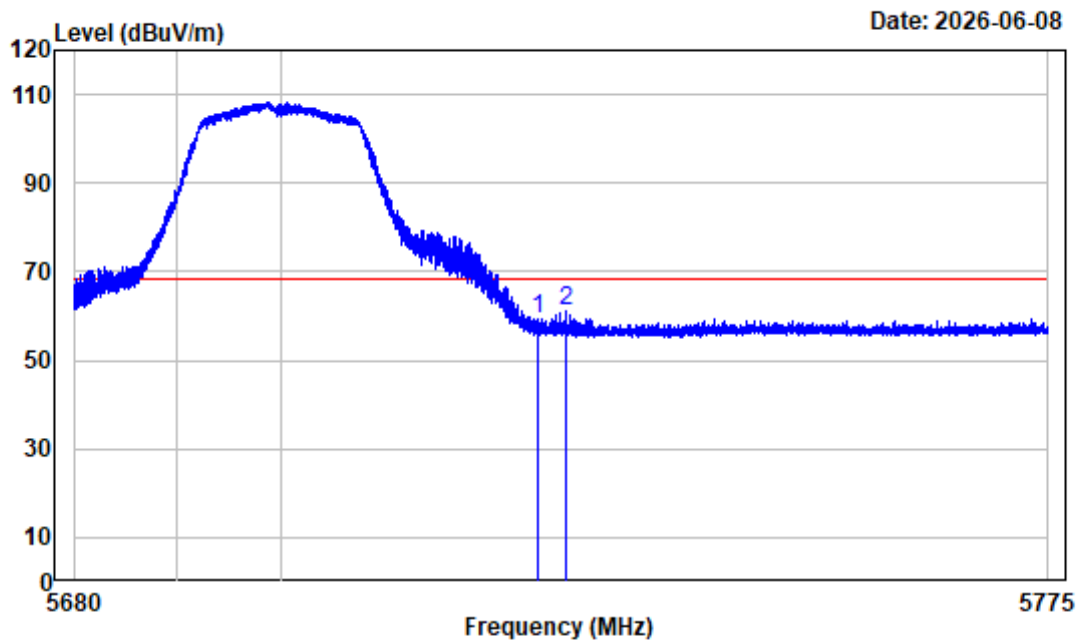
5G WIFI 802.11a High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5700MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	64.97	59.46	68.20	-8.74	Peak

5G WIFI 802.11a High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

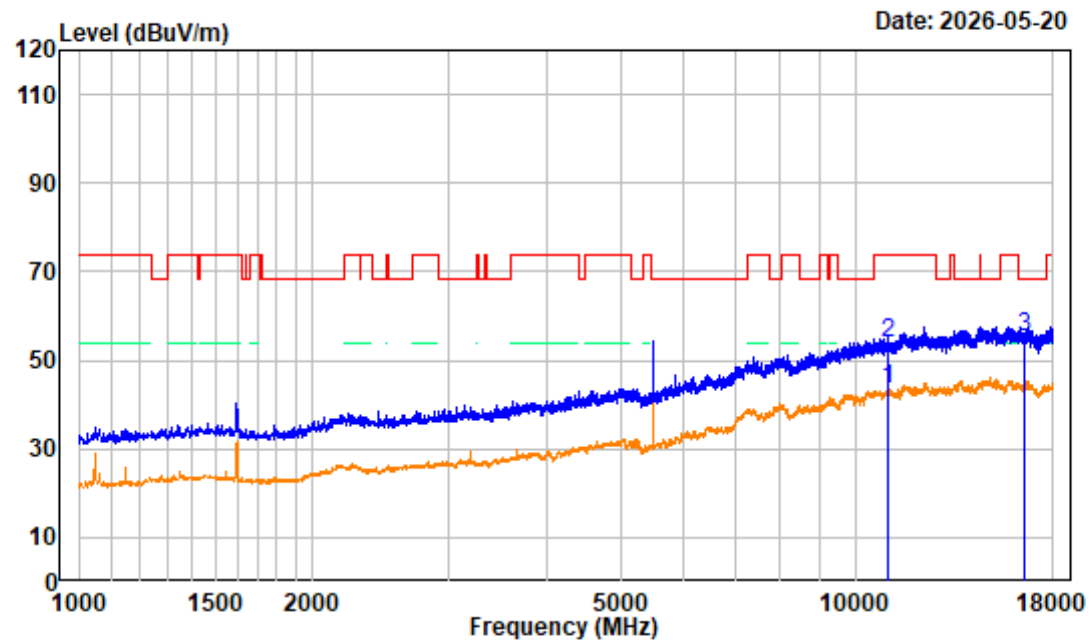
Tester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5700MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5725.000	-5.51	64.85	59.34	68.20	-8.86	Peak
2	5727.726	-5.51	66.66	61.15	68.20	-7.05	Peak

5G WIFI 802.11n20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

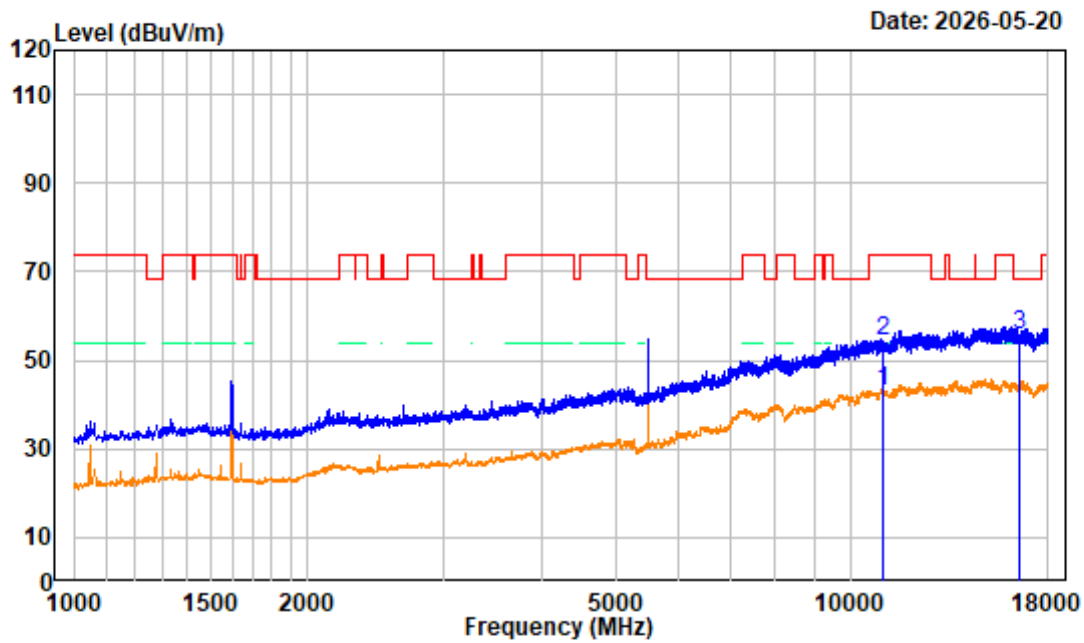
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5500MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11000.000	5.10	38.50	43.60	54.00	-10.40	Average
2	11000.000	5.10	48.95	54.05	74.00	-19.95	Peak
3	16500.000	6.44	48.88	55.32	68.20	-12.88	Peak

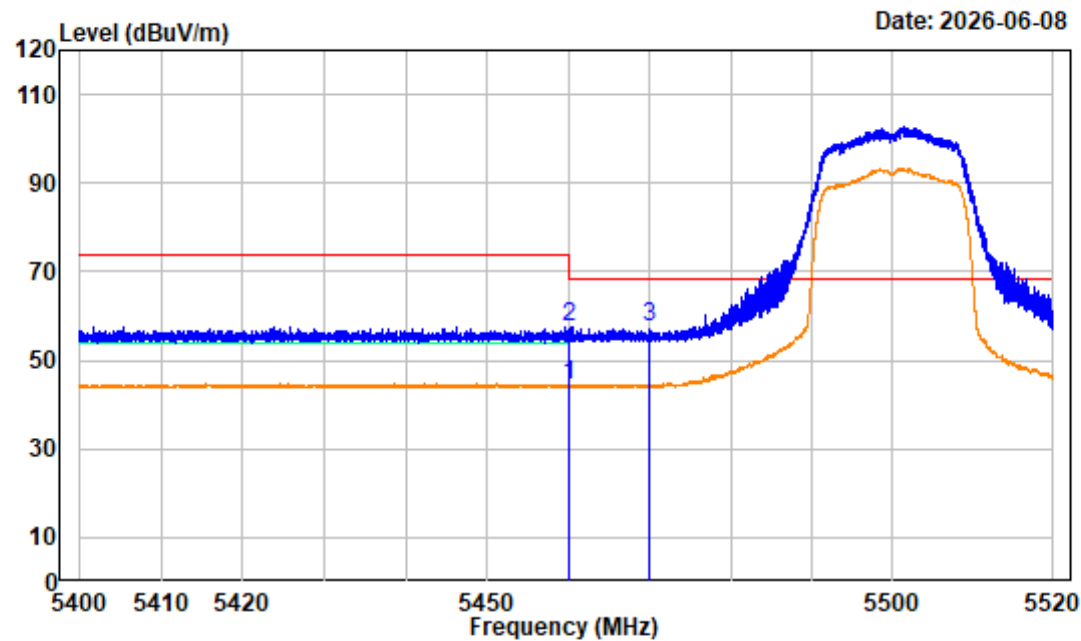
5G WIFI 802.11n20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5500MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq Factor		Read Level	Limit Level	Over Limit	Remark	
MHz	dB/m	dBuV	dBuV/m	dBuV/m		
1 11000.000	5.10	38.02	43.12	54.00	-10.88	Average
2 11000.000	5.10	49.37	54.47	74.00	-19.53	Peak
3 16500.000	6.44	49.23	55.67	68.20	-12.53	Peak

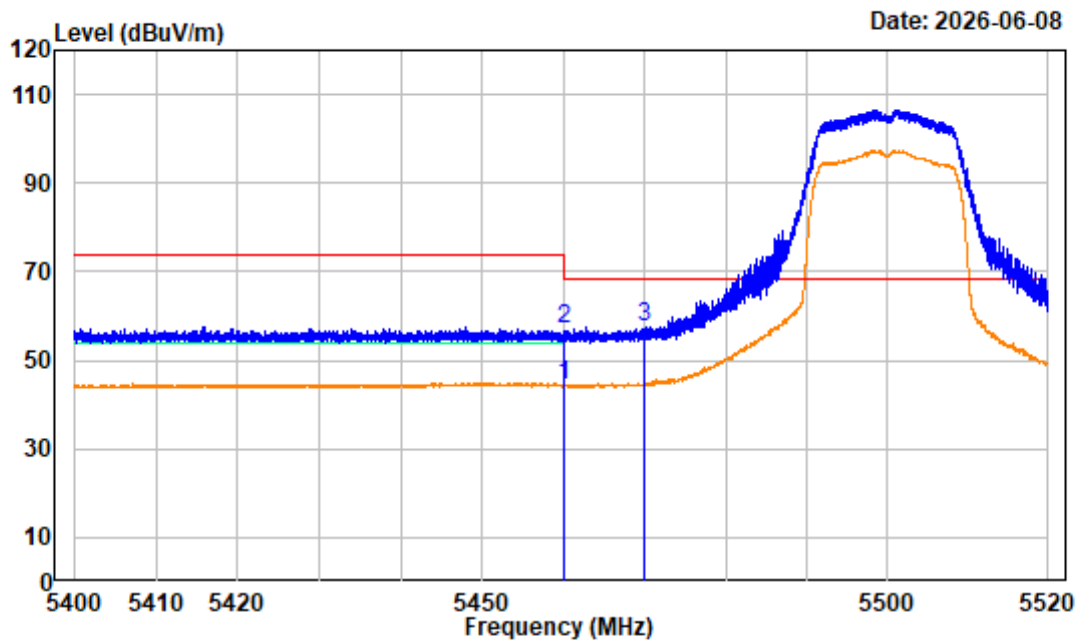
5G WIFI 802.11n20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5500MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	50.69	44.29	54.00	-9.71	Average
2	5460.000	-6.40	63.97	57.57	74.00	-16.43	Peak
3	5470.000	-6.36	63.81	57.45	68.20	-10.75	Peak

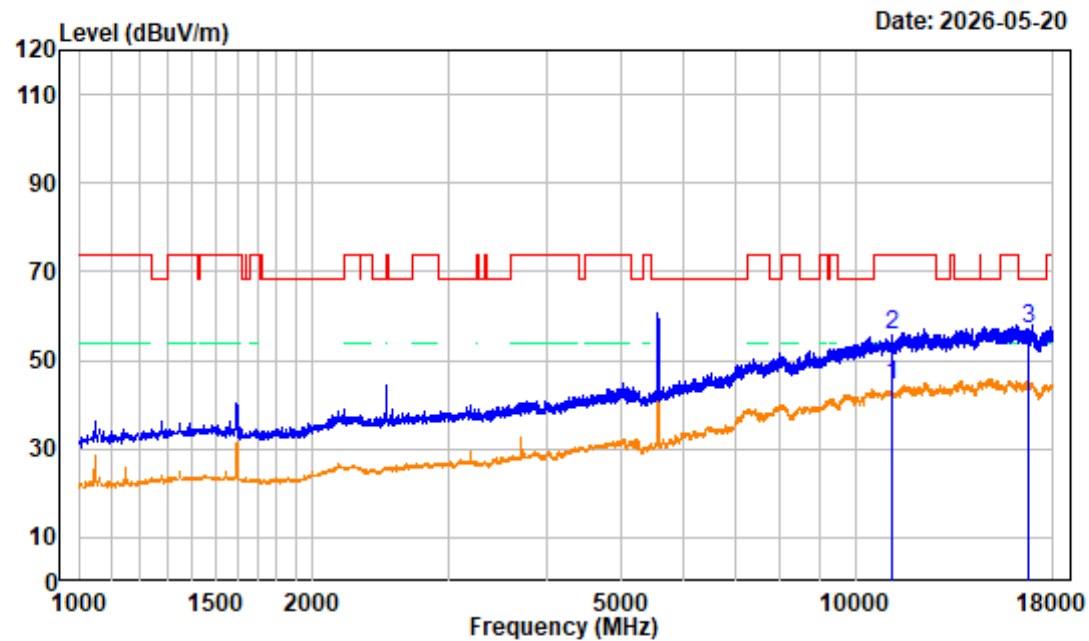
5G WIFI 802.11n20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5500MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	50.91	44.51	54.00	-9.49	Average
2	5460.000	-6.42	63.65	57.23	74.00	-16.77	Peak
3	5470.000	-6.36	64.08	57.72	68.20	-10.48	Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

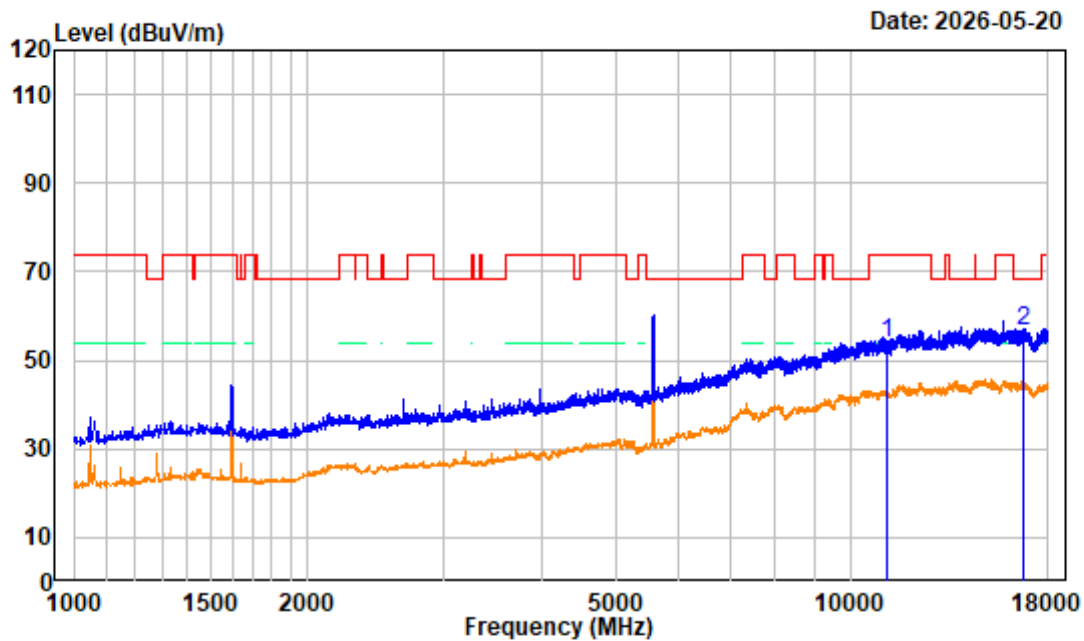
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5580MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	40.08	44.34	54.00	-9.66	Average
2	11160.000	4.26	51.23	55.49	74.00	-18.51	Peak
3	16740.000	7.68	49.50	57.18	68.20	-11.02	Peak

5G WIFI 802.11n20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

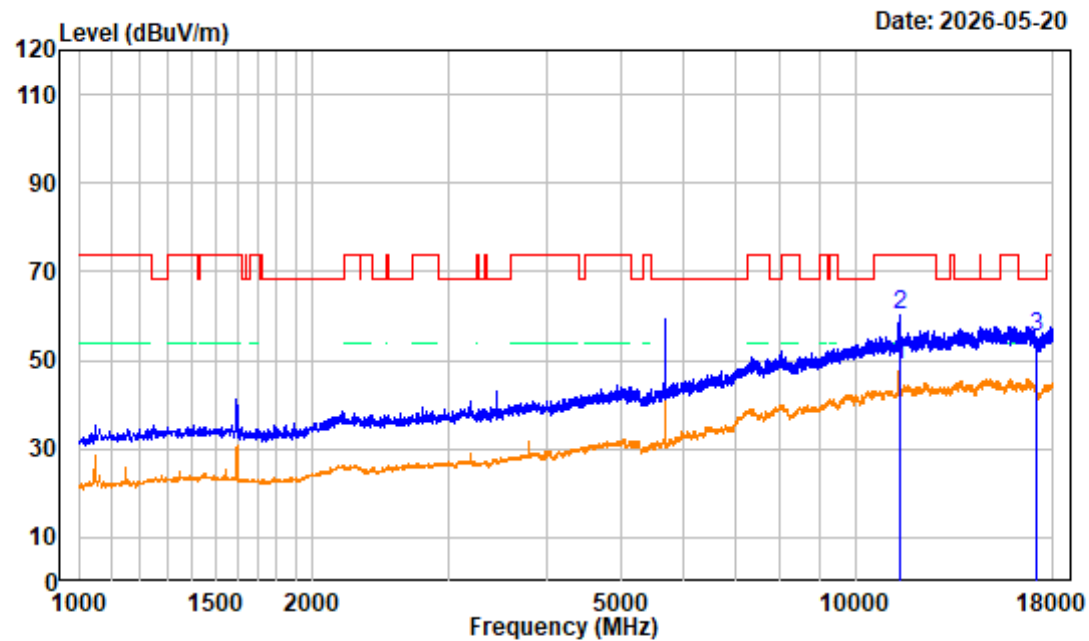
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5580MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	49.65	53.91	74.00	-20.09	Peak
2	16740.000	7.68	48.92	56.60	68.20	-11.60	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

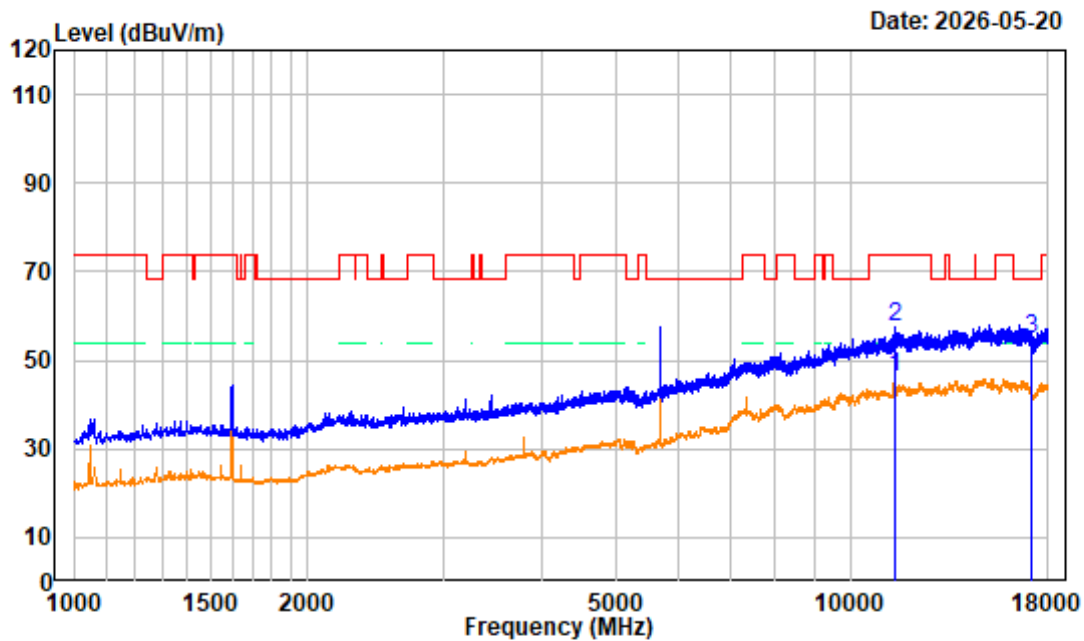
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5700MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	6.13	42.84	48.97	54.00	-5.03	Average
2	11400.000	6.13	54.20	60.33	74.00	-13.67	Peak
3	17100.000	6.62	48.45	55.07	68.20	-13.13	Peak

5G WIFI 802.11n20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

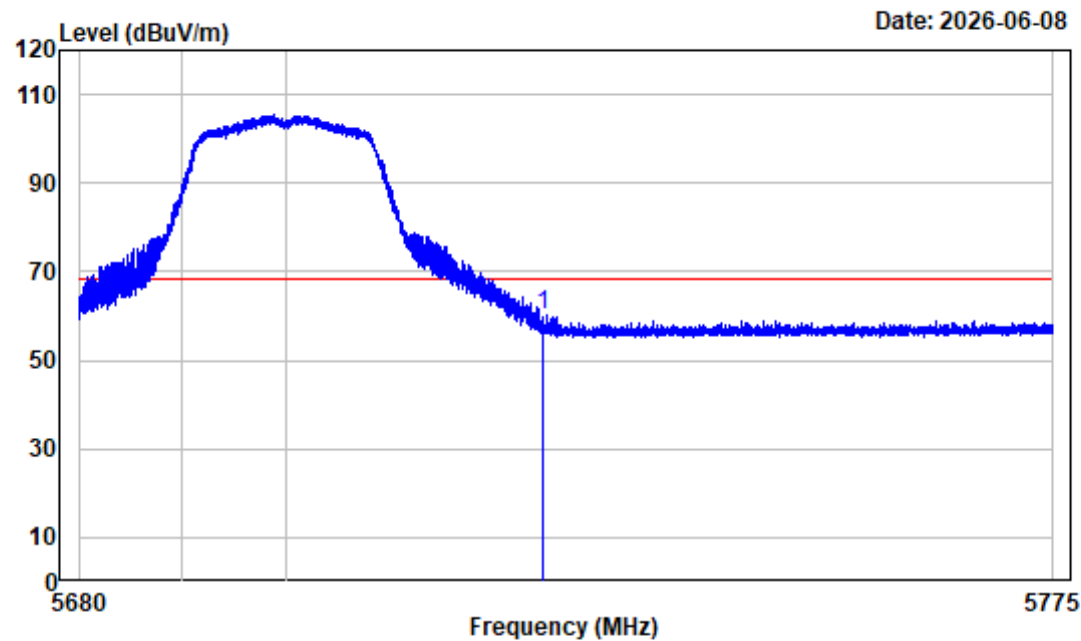
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5700MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11400.000	6.13	40.10	46.23	54.00	-7.77	Average
2 11400.000	6.13	51.27	57.40	74.00	-16.60	Peak
3 17100.000	6.62	48.35	54.97	68.20	-13.23	Peak

5G WIFI 802.11n20 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

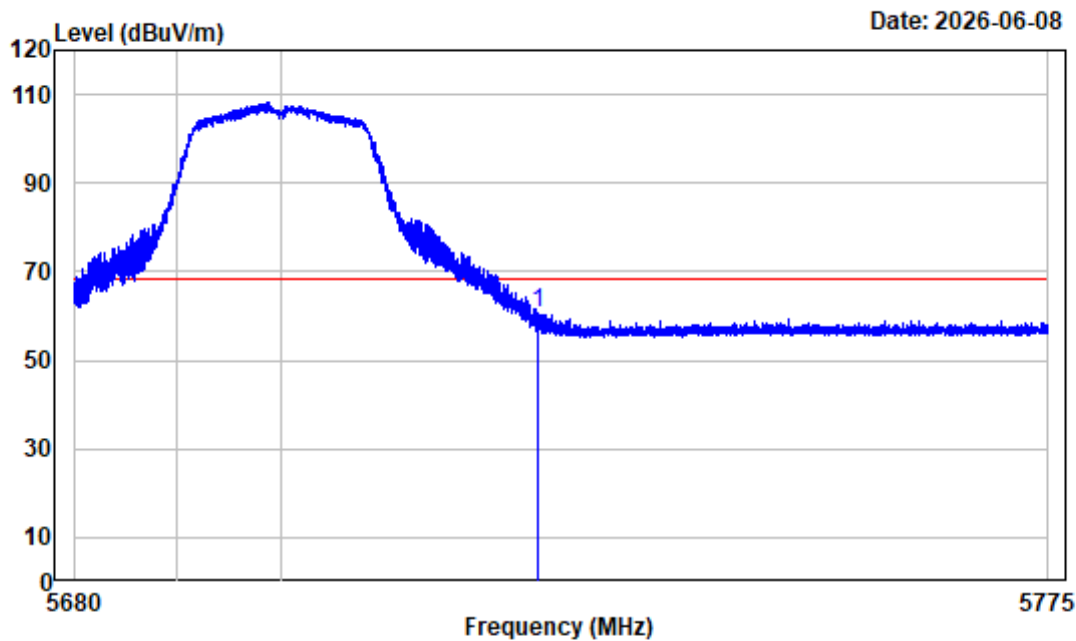
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5700MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	65.74	60.23	68.20	-7.97	Peak

5G WIFI 802.11n20 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

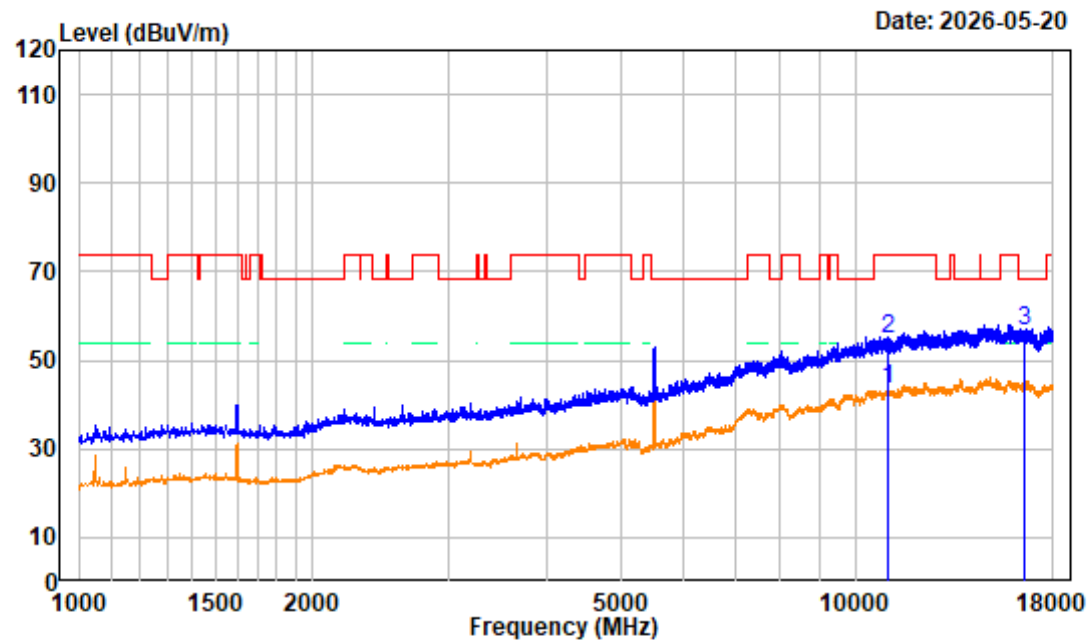
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5700MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	66.17	60.66	68.20	-7.54	Peak

5G WIFI 802.11n40 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

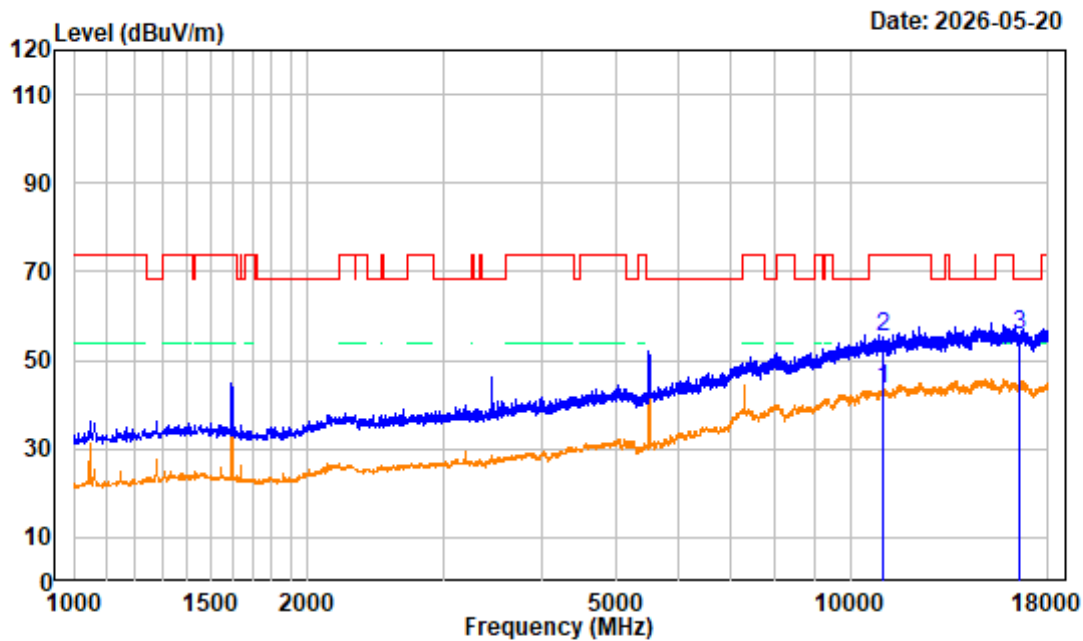
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5510MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11020.000	5.11	38.54	43.65	54.00	-10.35	Average
2 11020.000	5.11	49.75	54.86	74.00	-19.14	Peak
3 16530.000	6.61	50.04	56.65	68.20	-11.55	Peak

5G WIFI 802.11n40 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

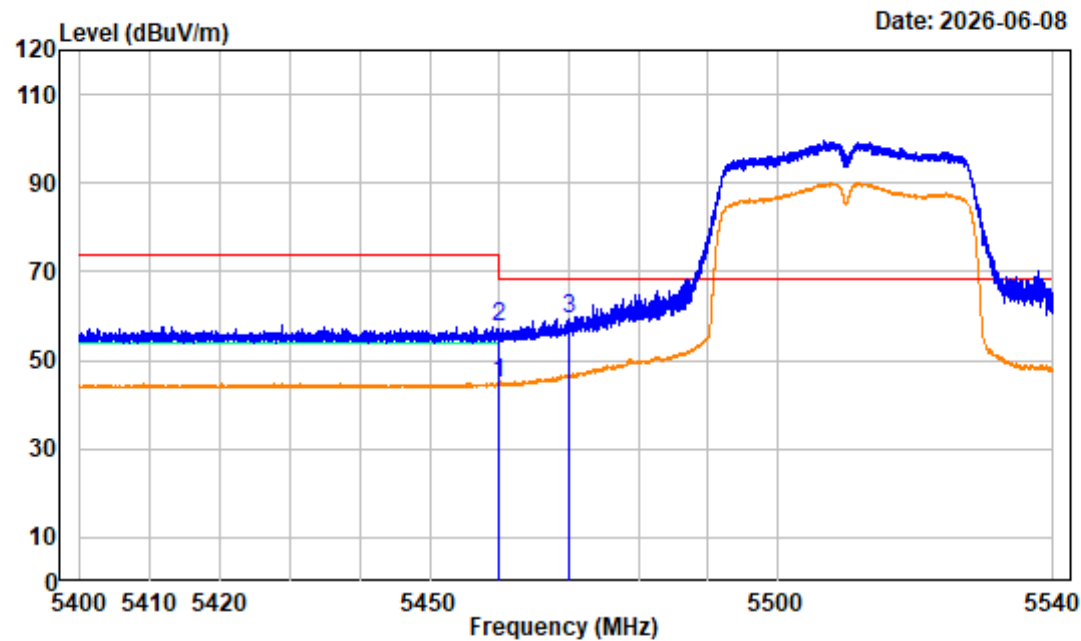
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5510MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11020.000	5.11	38.19	43.30	54.00	-10.70	Average
2	11020.000	5.11	50.04	55.15	74.00	-18.85	Peak
3	16530.000	6.61	49.13	55.74	68.20	-12.46	Peak

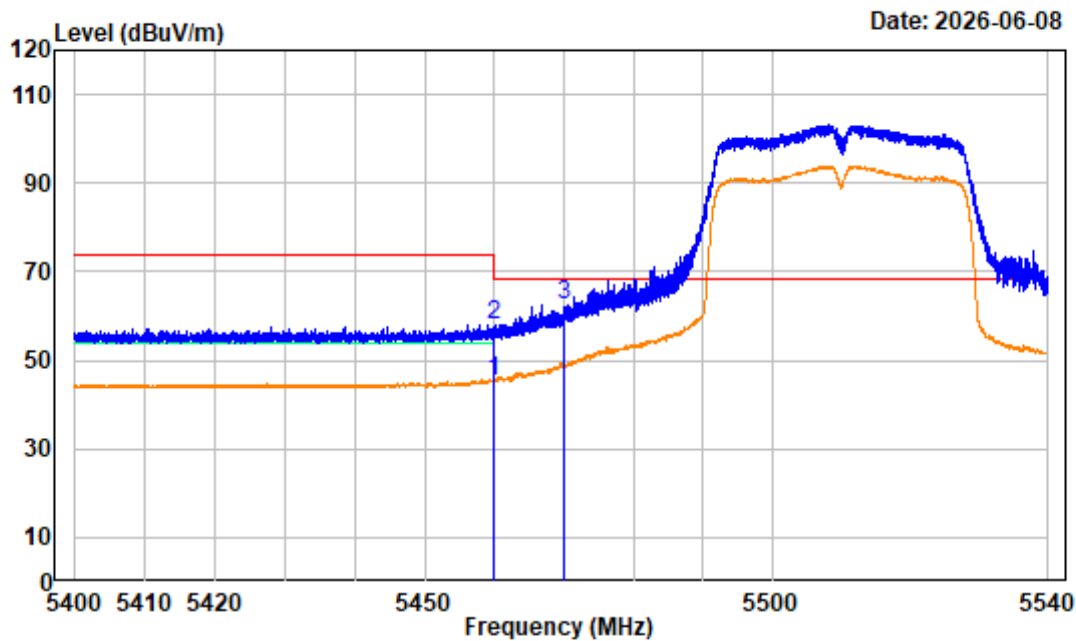
5G WIFI 802.11n40 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5510MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	51.04	44.64	54.00	-9.36	Average
2	5460.000	-6.42	64.14	57.72	74.00	-16.28	Peak
3	5470.000	-6.36	65.82	59.46	68.20	-8.74	Peak

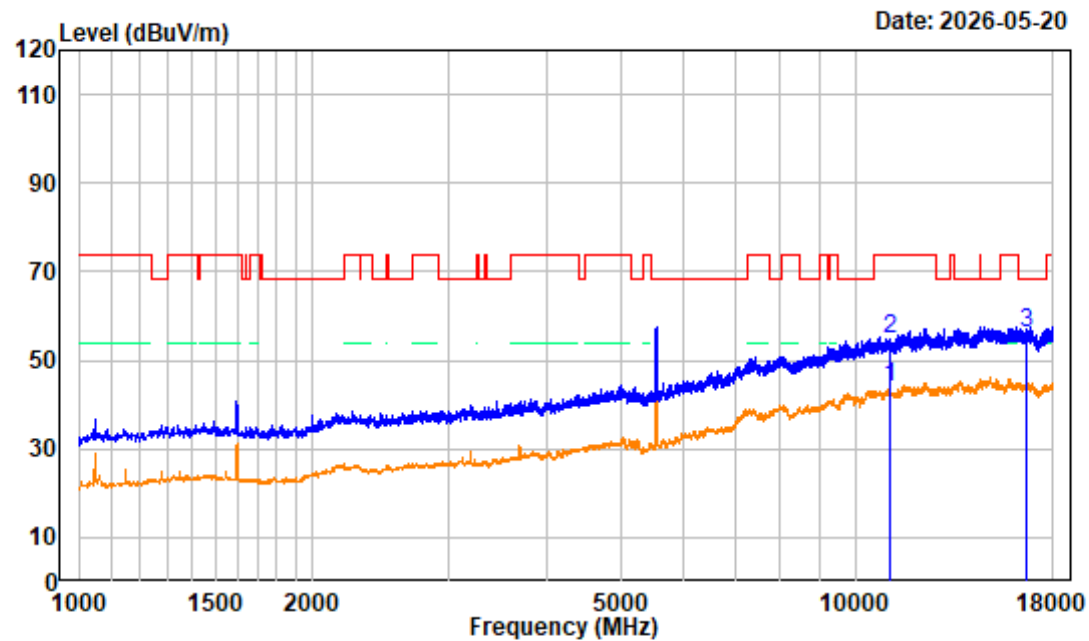
5G WIFI 802.11n40 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Low Channel 5510MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	51.86	45.46	54.00	-8.54	Average
2	5460.000	-6.40	64.53	58.13	74.00	-15.87	Peak
3	5470.000	-6.36	68.98	62.62	68.20	-5.58	Peak

5G WIFI 802.11n40 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

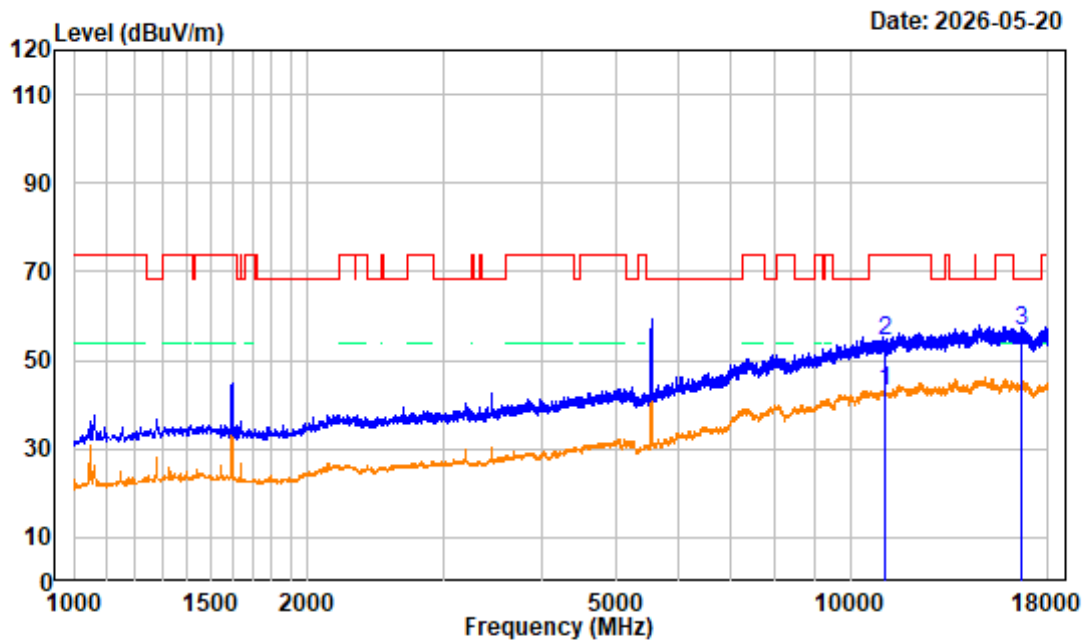
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Middle Channel 5550MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11100.000	4.86	38.86	43.72	54.00	-10.28	Average
2	11100.000	4.86	49.83	54.69	74.00	-19.31	Peak
3	16650.000	6.97	49.19	56.16	68.20	-12.04	Peak

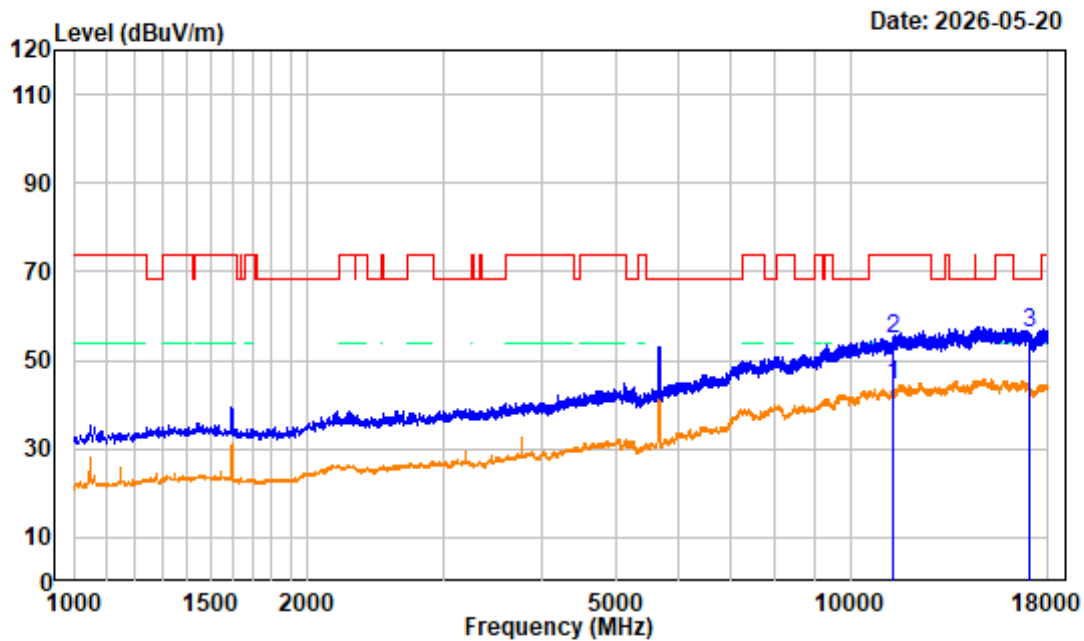
5G WIFI 802.11n40 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 Middle Channel 5550MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11100.000	4.86	38.25	43.11	54.00	-10.89	Average
2 11100.000	4.86	49.60	54.46	74.00	-19.54	Peak
3 16650.000	6.97	49.54	56.51	68.20	-11.69	Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

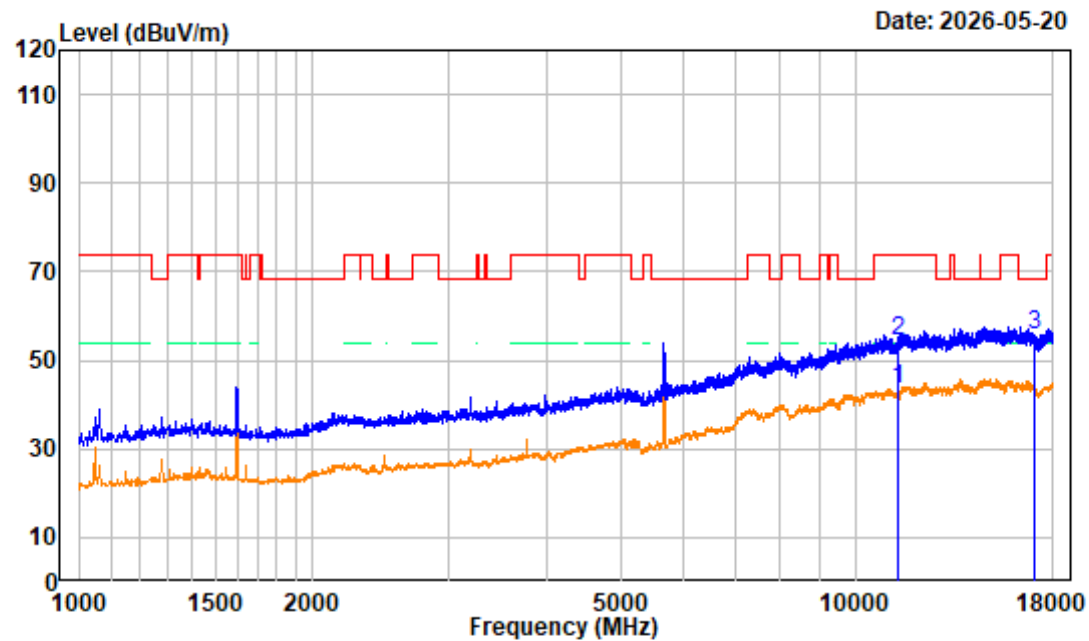
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5670MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11340.000	5.00	39.23	44.23	54.00	-9.77	Average
2 11340.000	5.00	49.94	54.94	74.00	-19.06	Peak
3 17010.000	7.44	48.73	56.17	68.20	-12.03	Peak

5G WIFI 802.11n40 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

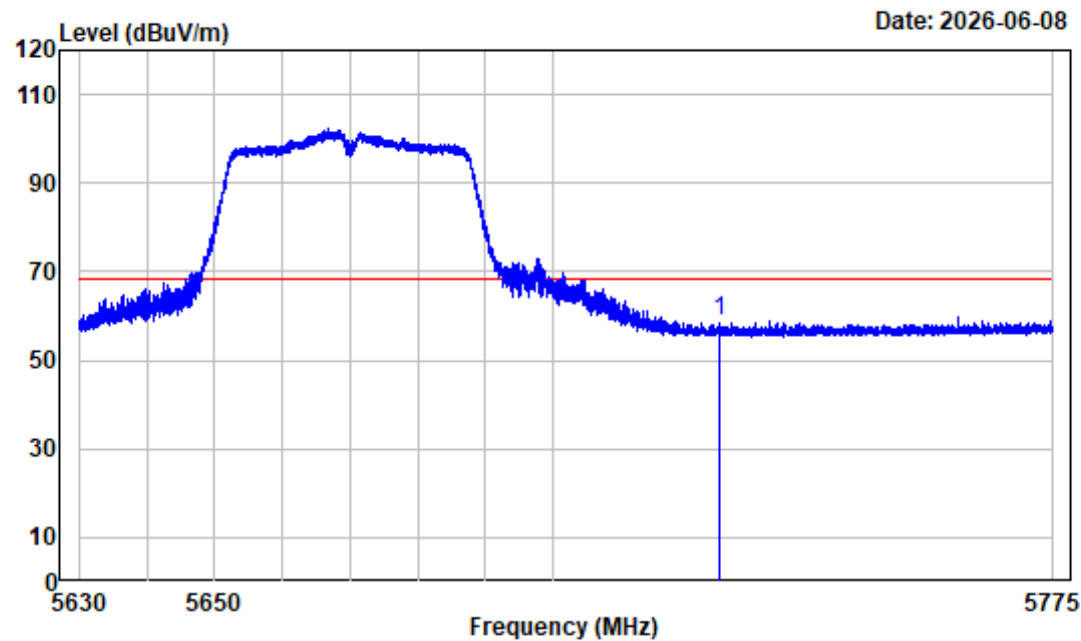
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5670MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11340.000	5.00	38.29	43.29	54.00	-10.71	Average
2	11340.000	5.00	49.21	54.21	74.00	-19.79	Peak
3	17010.000	7.44	48.13	55.57	68.20	-12.63	Peak

5G WIFI 802.11n40 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

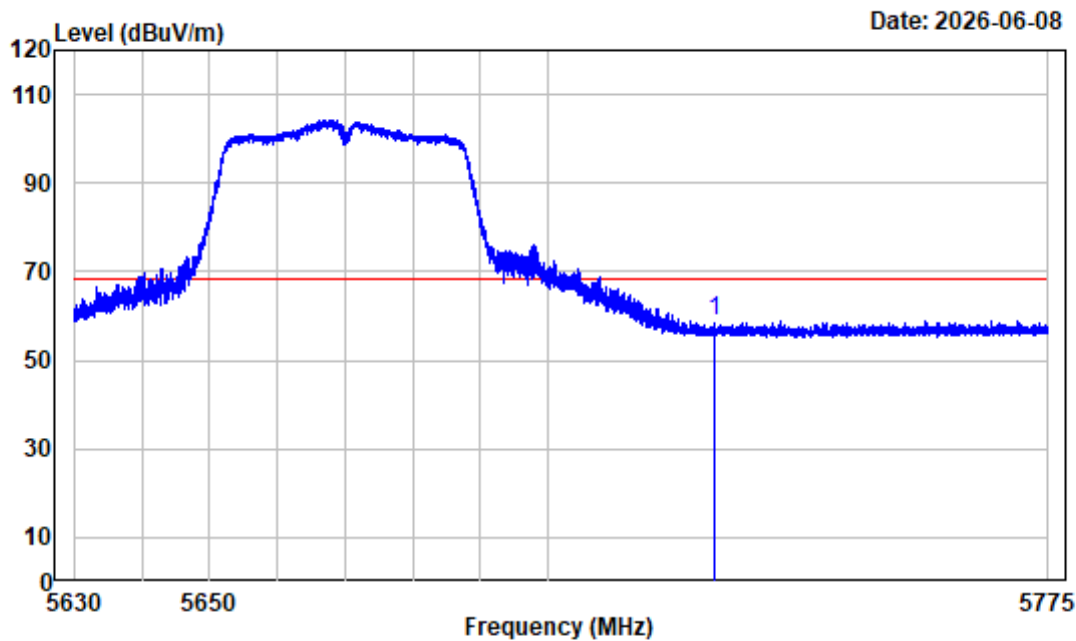
Test Mode : TransmittingTester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5670MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	64.45	58.94	68.20	-9.26	Peak

5G WIFI 802.11n40 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

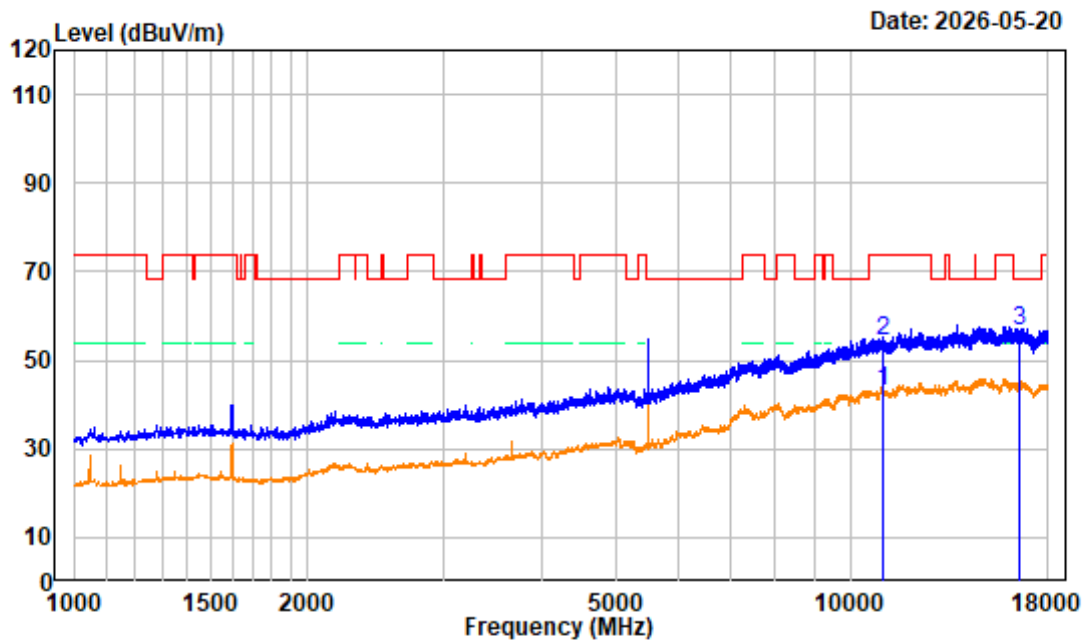
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5670MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5725.000	-5.51	64.27	58.76	68.20	-9.44	Peak

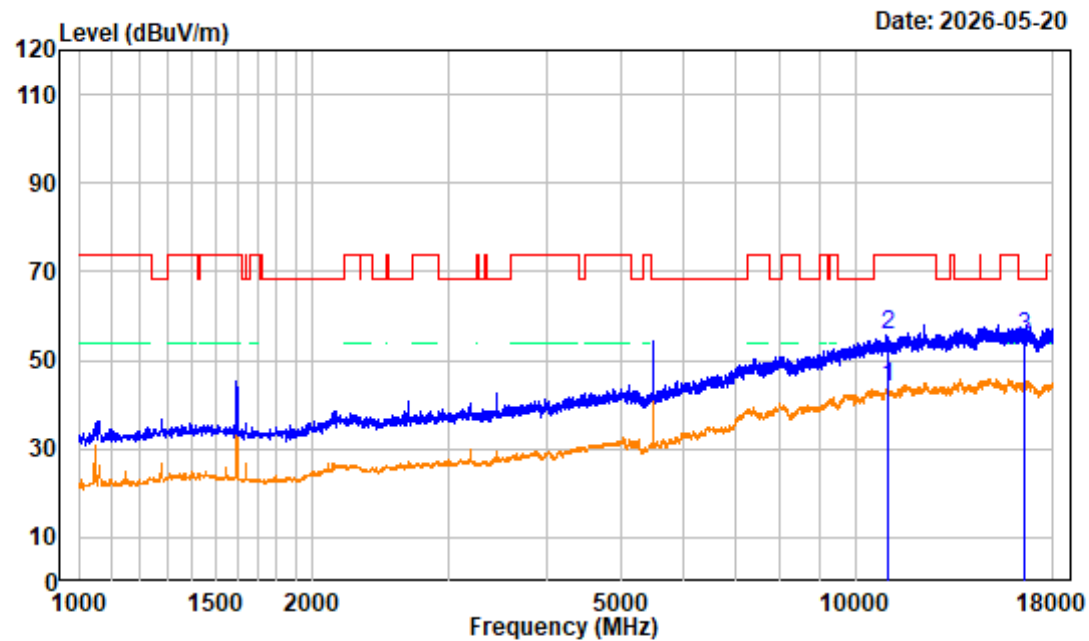
5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Low Channel 5500MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11000.000	5.10	38.11	43.21	54.00	-10.79	Average
2 11000.000	5.10	49.19	54.29	74.00	-19.71	Peak
3 16500.000	6.44	50.08	56.52	68.20	-11.68	Peak

5G WIFI 802.11ac20 Low Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

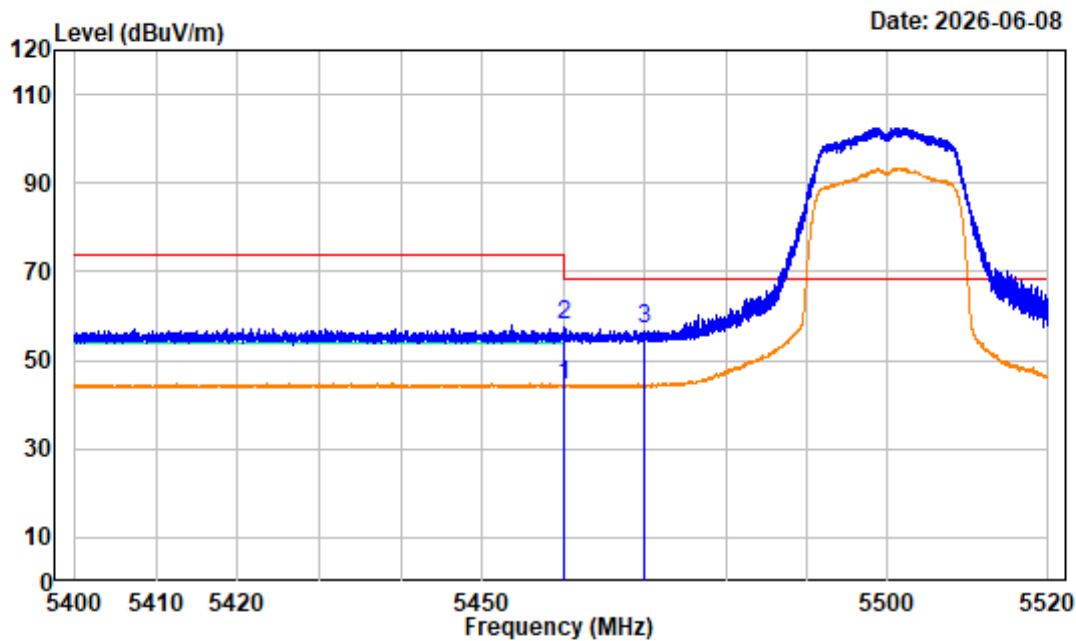
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5500MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11000.000	5.10	38.66	43.76	54.00	-10.24	Average
2	11000.000	5.10	50.49	55.59	74.00	-18.41	Peak
3	16500.000	6.44	49.01	55.45	68.20	-12.75	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

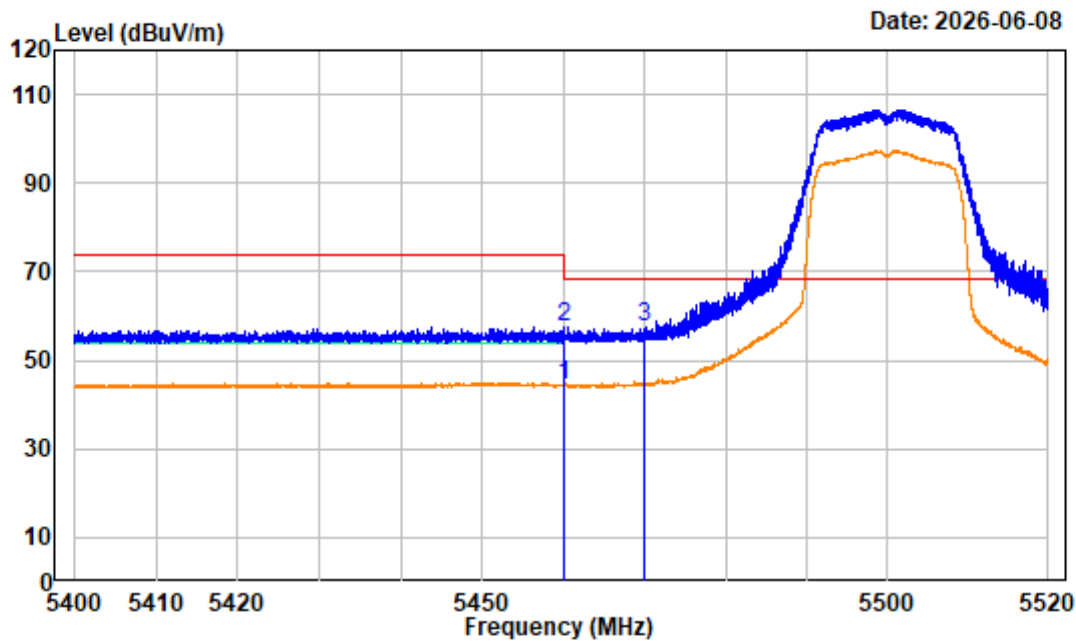
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5500MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	50.71	44.31	54.00	-9.69	Average
2	5460.000	-6.42	64.21	57.79	74.00	-16.21	Peak
3	5470.000	-6.36	63.32	56.96	68.20	-11.24	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

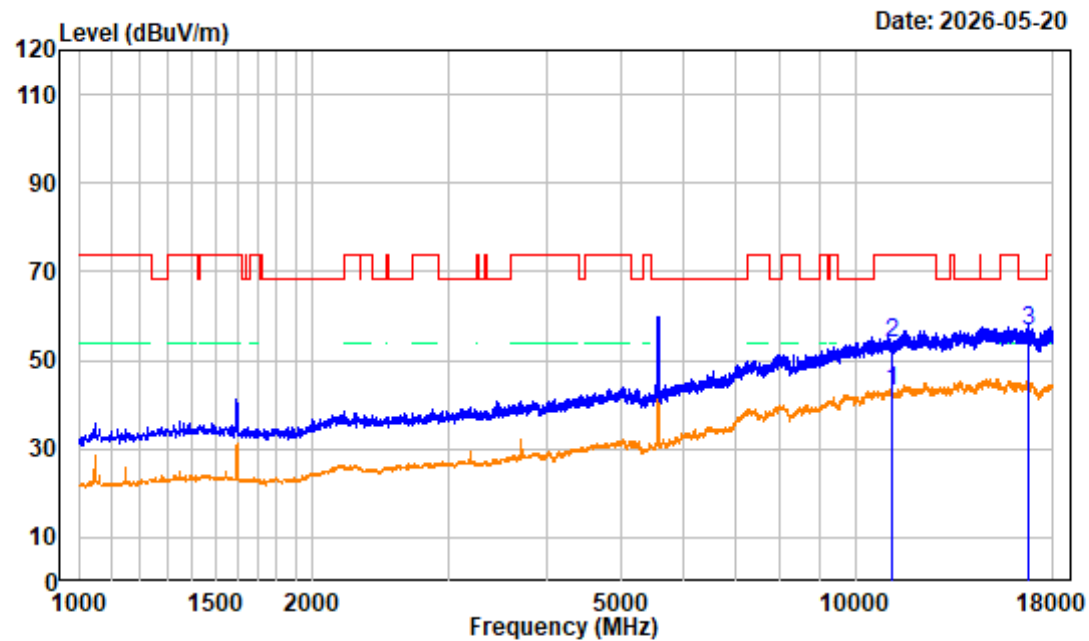
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5500MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5460.000	-6.40	50.87	44.47	54.00	-9.53	Average
2	5460.000	-6.40	63.86	57.46	74.00	-16.54	Peak
3	5470.000	-6.36	63.72	57.36	68.20	-10.84	Peak

5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

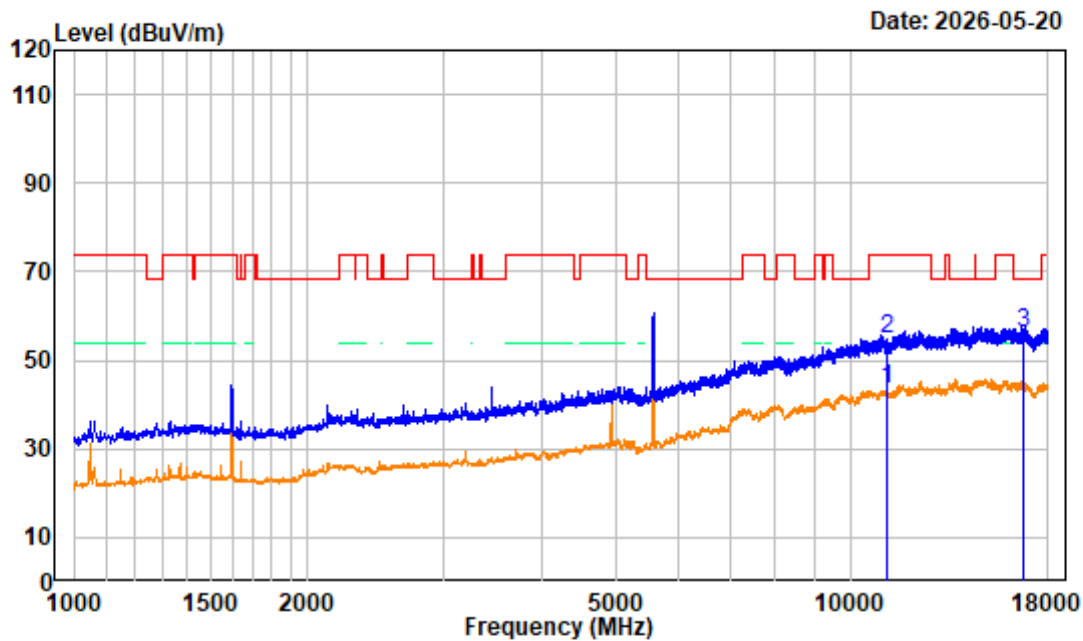
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Middle Channel 5580MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	38.88	43.14	54.00	-10.86	Average
2	11160.000	4.26	49.84	54.10	74.00	-19.90	Peak
3	16740.000	7.68	48.76	56.44	68.20	-11.76	Peak

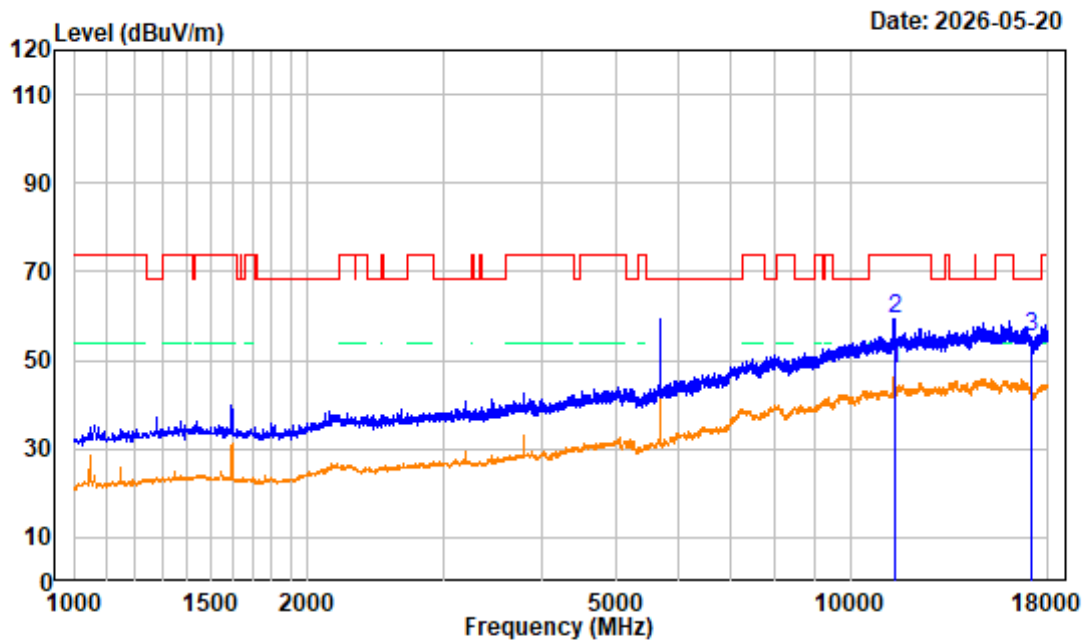
5G WIFI 802.11ac20 Middle Channel 1GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Middle Channel 5580MHz 1GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11160.000	4.26	39.20	43.46	54.00	-10.54	Average
2	11160.000	4.26	50.31	54.57	74.00	-19.43	Peak
3	16740.000	7.68	48.53	56.21	68.20	-11.99	Peak

5G WIFI 802.11ac20 High Channel 1GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

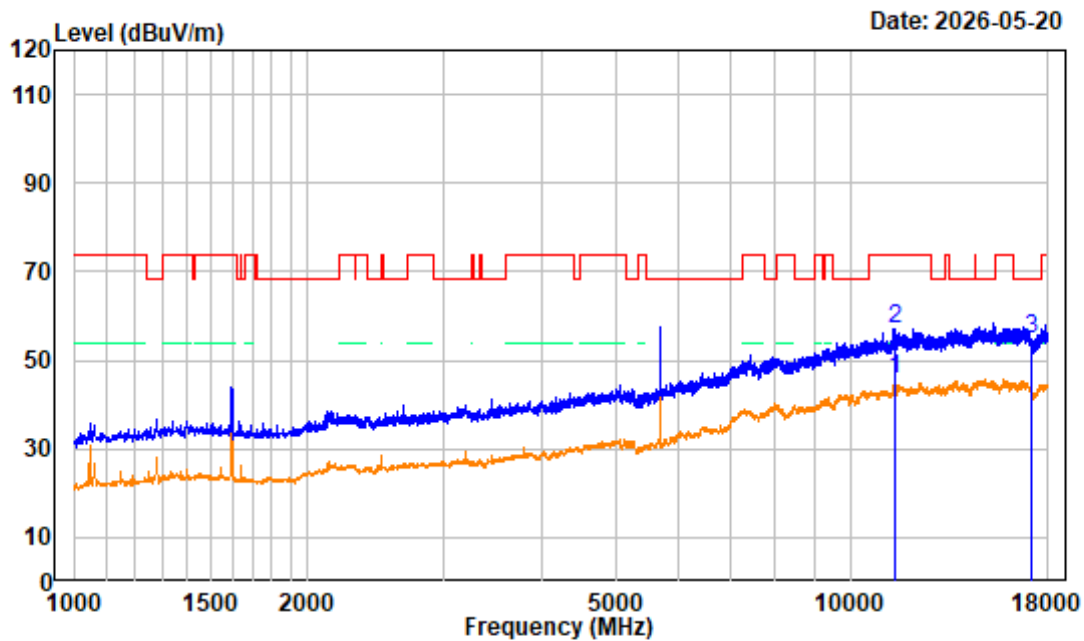
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5700MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11400.000	6.13	42.05	48.18	54.00	-5.82	Average
2	11400.000	6.13	53.40	59.53	74.00	-14.47	Peak
3	17100.000	6.62	48.76	55.38	68.20	-12.82	Peak

5G WIFI 802.11ac20 High Channel 1GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

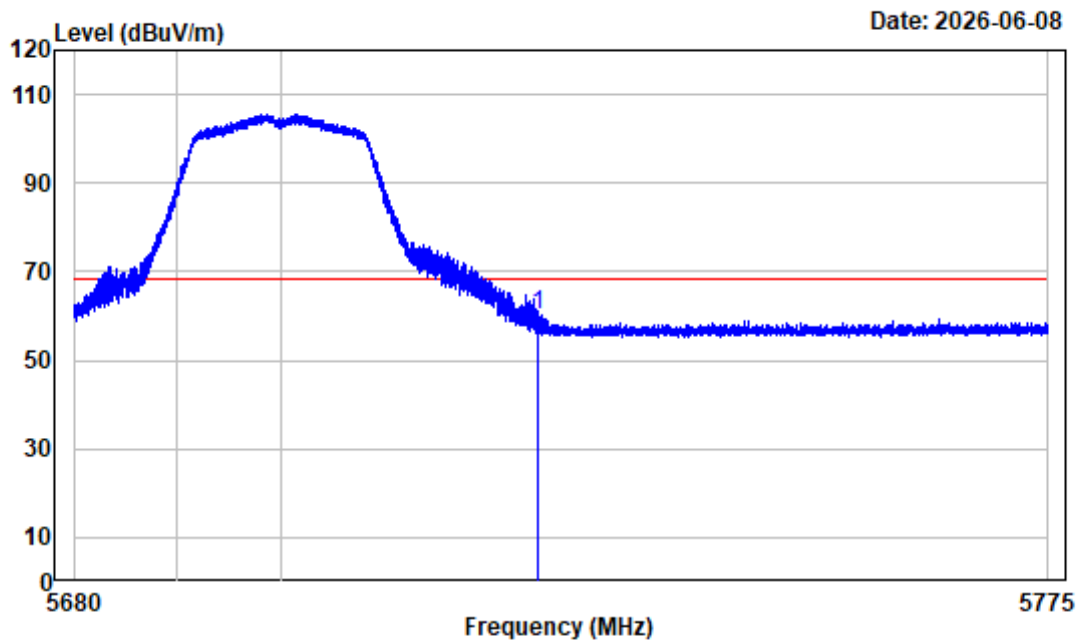
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5700MHz 1GHz-18GHz

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11400.000	6.13	39.53	45.66	54.00	-8.34	Average
2 11400.000	6.13	50.78	56.91	74.00	-17.09	Peak
3 17100.000	6.62	48.08	54.70	68.20	-13.50	Peak

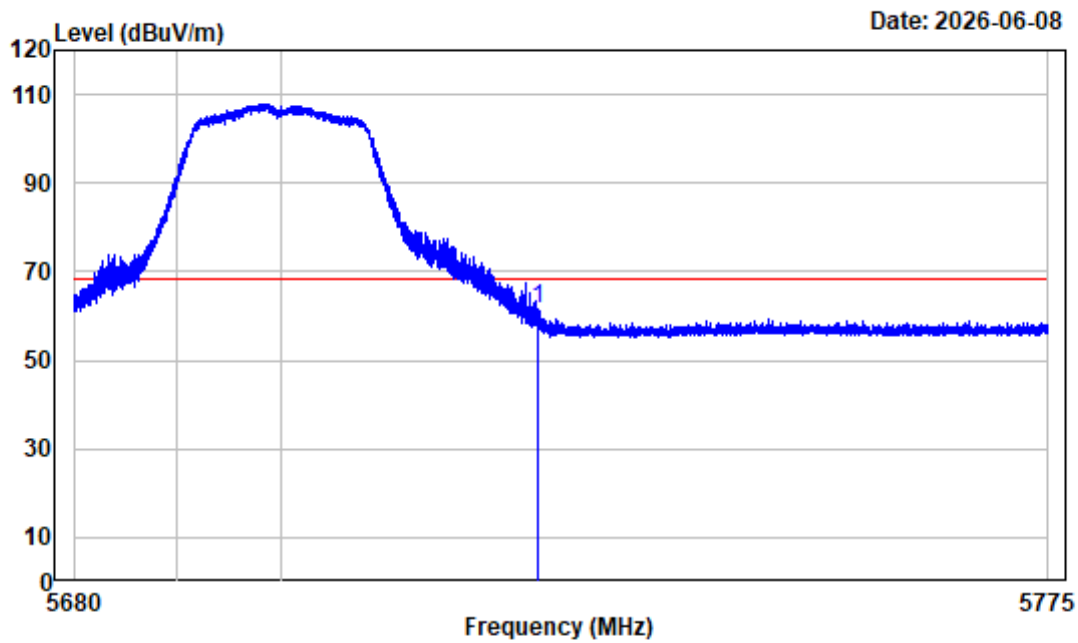
5G WIFI 802.11ac20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5700MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	65.72	60.21	68.20	-7.99	Peak

5G WIFI 802.11ac20 High Channel Bandedge_VERTICAL

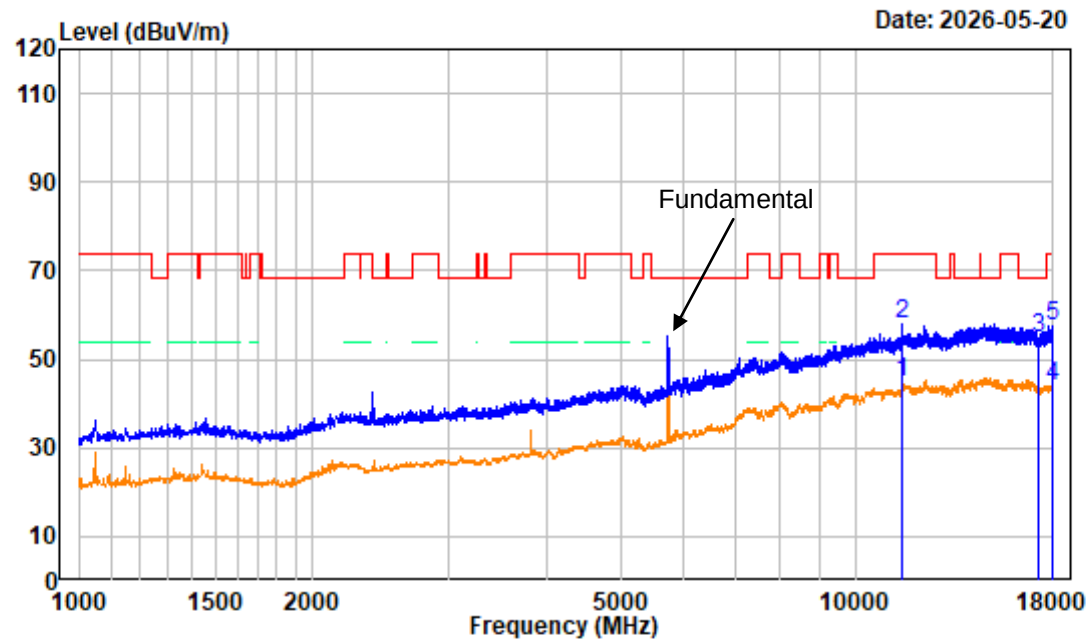


Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5700MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5725.000	-5.51	67.19	61.68	68.20	-6.52	Peak

For Band 4

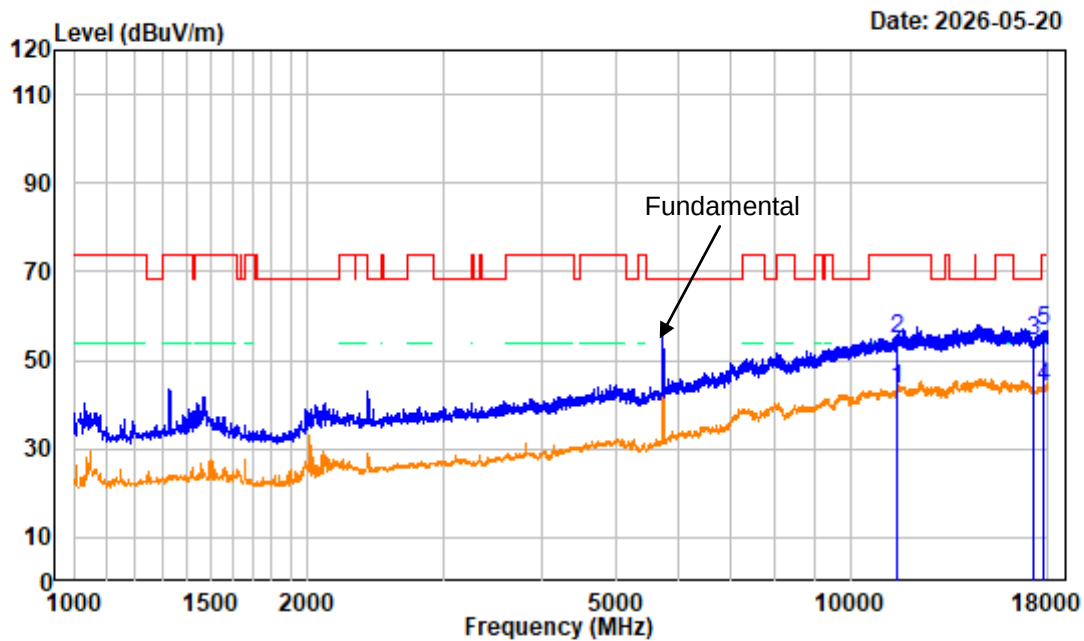
5G WIFI 802.11a Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11490.000	6.86	38.07	44.93	54.00	-9.07	Average
2 11490.000	6.86	50.95	57.81	74.00	-16.19	Peak
3 17235.000	6.69	48.06	54.75	68.20	-13.45	Peak
4 17980.880	7.64	36.50	44.14	54.00	-9.86	Average
5 17980.880	7.64	49.75	57.39	74.00	-16.61	Peak

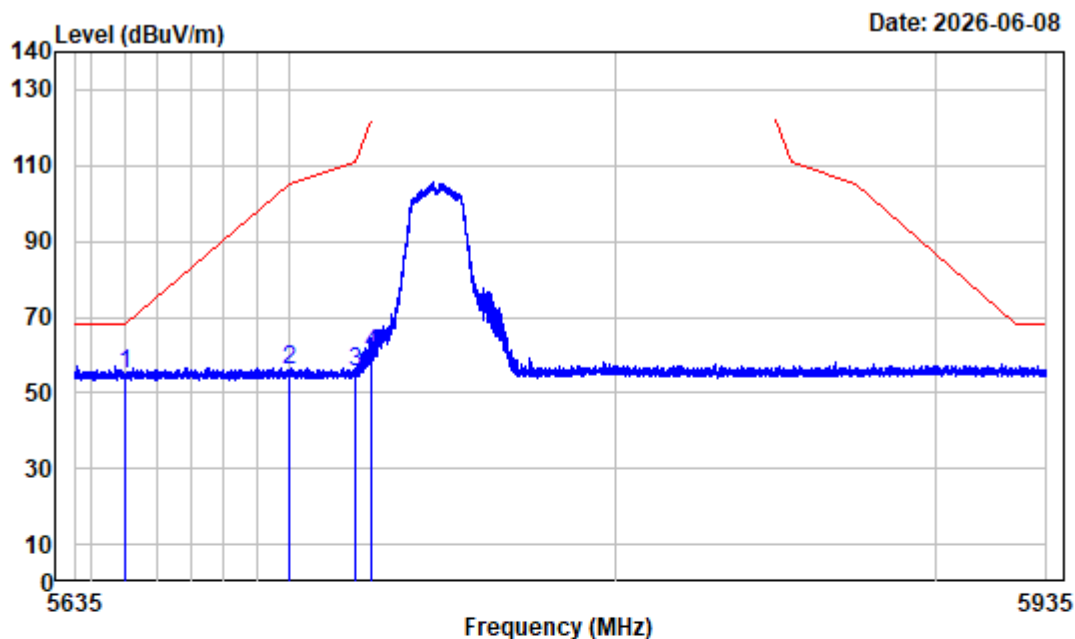
5G WIFI 802.11a Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11490.000	6.86	36.39	43.25	54.00	-10.75	Average
2	11490.000	6.86	48.04	54.90	74.00	-19.10	Peak
3	17235.000	6.69	47.56	54.25	68.20	-13.95	Peak
4	17711.000	7.40	36.49	43.89	54.00	-10.11	Average
5	17711.000	7.40	49.24	56.64	74.00	-17.36	Peak

5G WIFI 802.11a Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

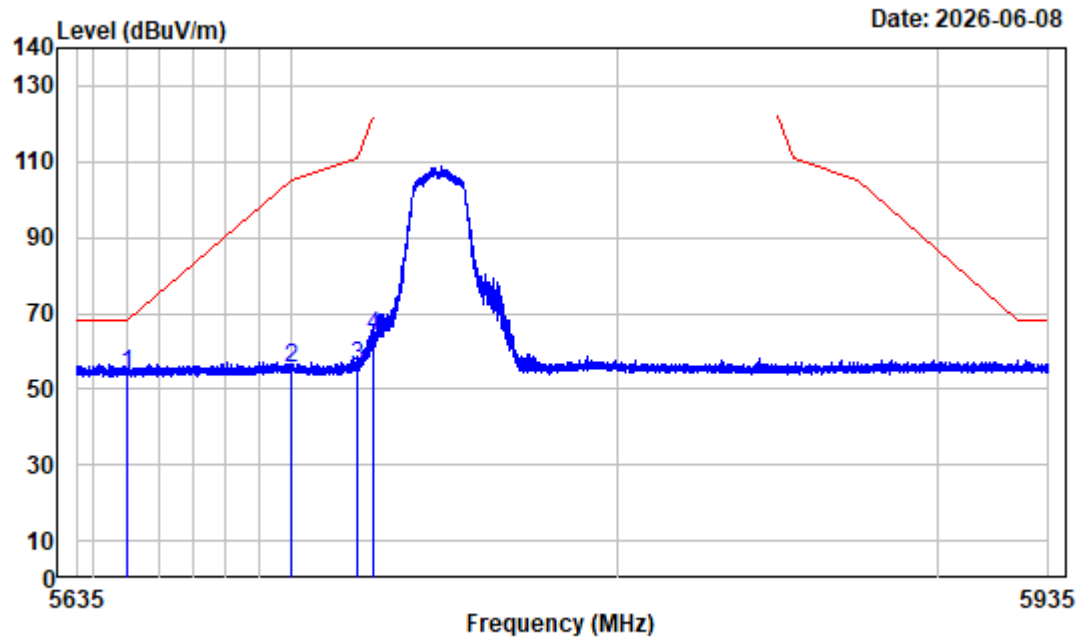
Tester: Angel Chen

Note : 5G WIFI 802.11a Low Channel 5745MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	60.55	54.93	68.20	-13.27	Peak
2	5700.000	-5.46	61.28	55.82	105.20	-49.38	Peak
3	5720.000	-5.50	60.98	55.48	110.80	-55.32	Peak
4	5725.000	-5.51	65.69	60.18	122.20	-62.02	Peak

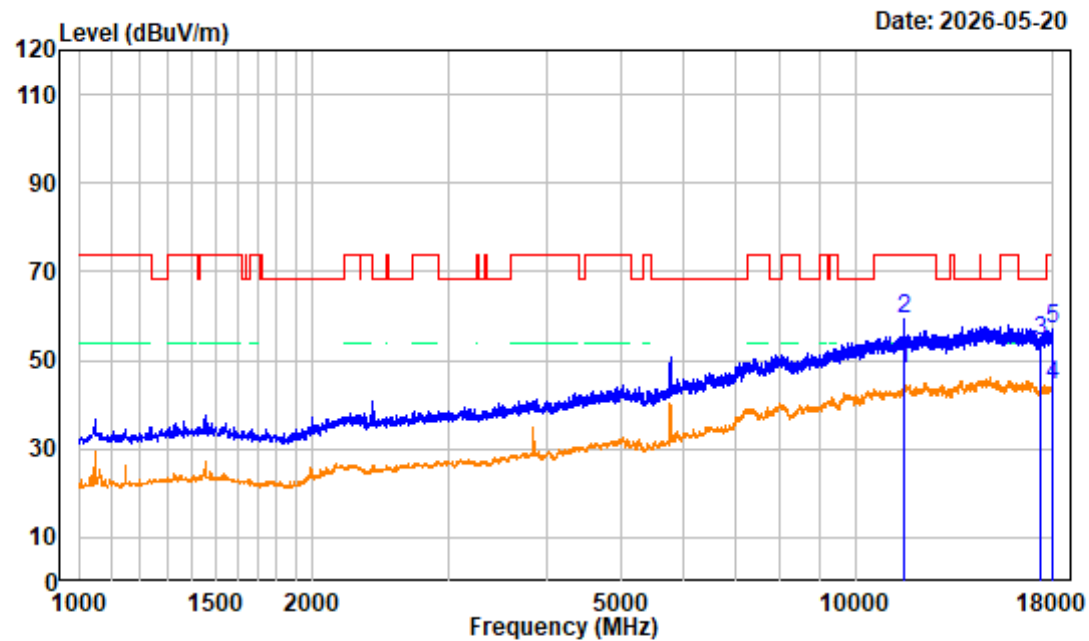
5G WIFI 802.11a Low Channel Bandedge_ VERTICAL



Site : chamber
 Condition : 3m VERTICAL
 Project No.: 2604S55447E-RF
 Test Mode : Transmitting Tester:Angel Chen
 Note : 5G WIFI 802.11a Low Channel 5745MHz Bandedge
 SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	59.44	53.82	68.20	-14.38	Peak
2	5700.000	-5.46	60.72	55.26	105.20	-49.94	Peak
3	5720.000	-5.50	61.68	56.18	110.80	-54.62	Peak
4	5725.000	-5.51	69.43	63.92	122.20	-58.28	Peak

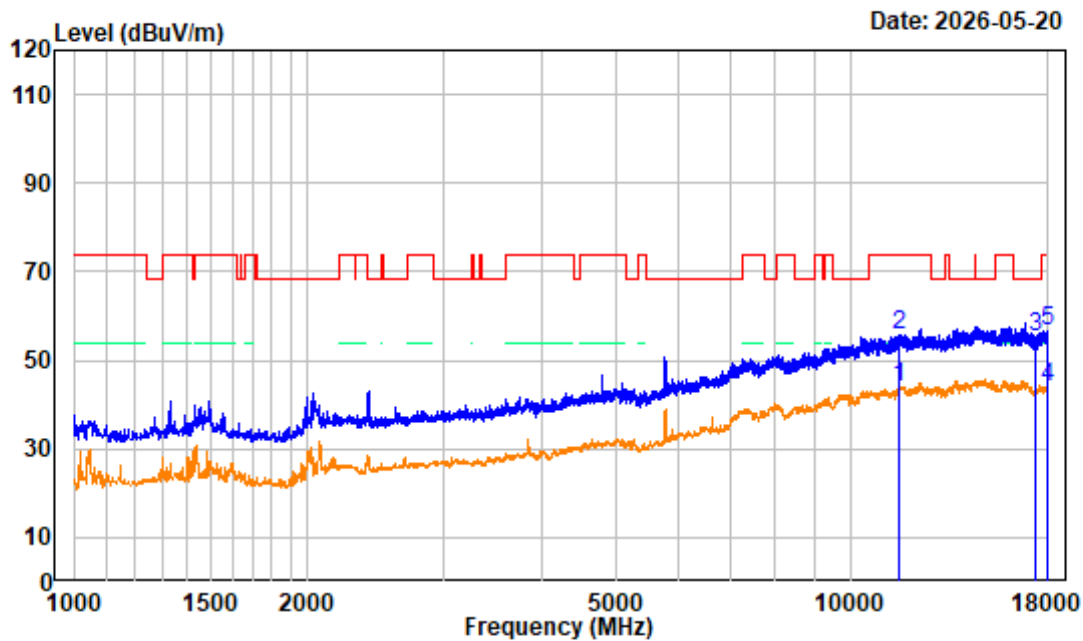
5G WIFI 802.11a Middle Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Middle Channel 5785MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	41.10	48.22	54.00	-5.78	Average
2	11570.000	7.12	52.17	59.29	74.00	-14.71	Peak
3	17355.000	6.67	47.75	54.42	68.20	-13.78	Peak
4	17989.380	7.72	36.56	44.28	54.00	-9.72	Average
5	17989.380	7.72	49.55	57.27	74.00	-16.73	Peak

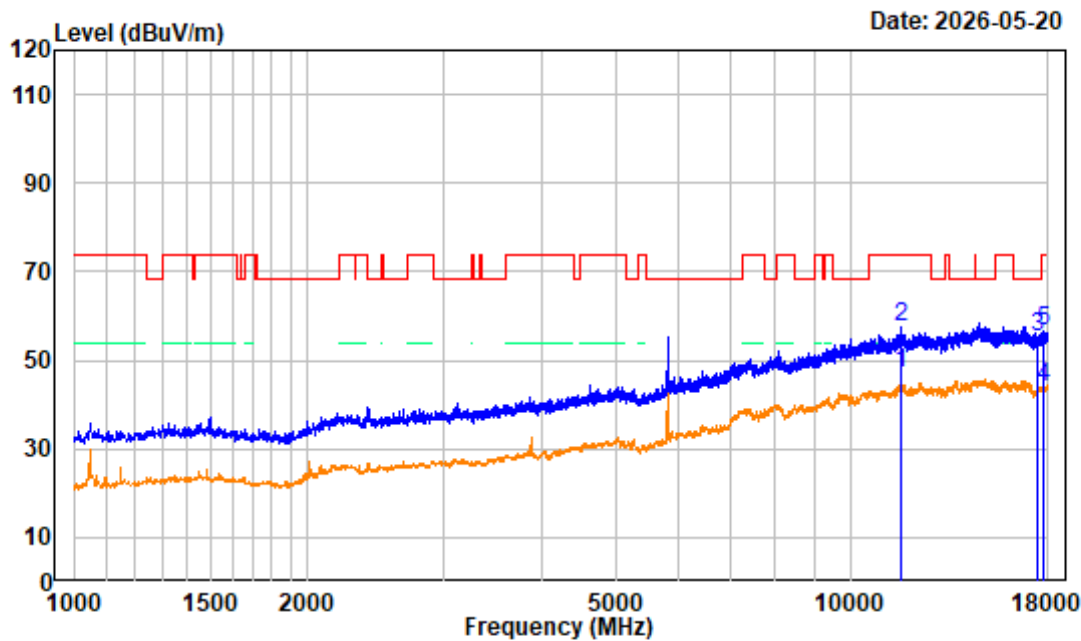
5G WIFI 802.11a Middle Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a Middle Channel 5785MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	36.78	43.90	54.00	-10.10	Average
2	11570.000	7.12	48.47	55.59	74.00	-18.41	Peak
3	17355.000	6.67	48.61	55.28	68.20	-12.92	Peak
4	18000.000	7.82	36.18	44.00	54.00	-10.00	Average
5	18000.000	7.82	48.74	56.56	74.00	-17.44	Peak

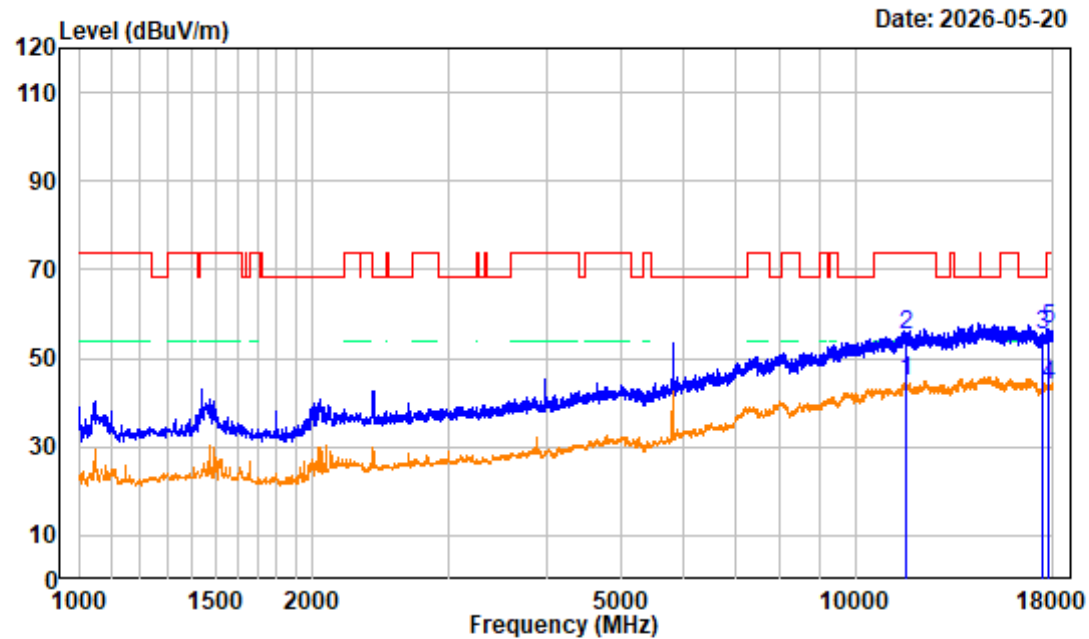
5G WIFI 802.11a High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	6.36	40.83	47.19	54.00	-6.81	Average
2	11650.000	6.36	51.35	57.71	74.00	-16.29	Peak
3	17475.000	7.14	48.32	55.46	68.20	-12.74	Peak
4	17717.380	7.38	36.63	44.01	54.00	-9.99	Average
5	17717.380	7.38	49.01	56.39	74.00	-17.61	Peak

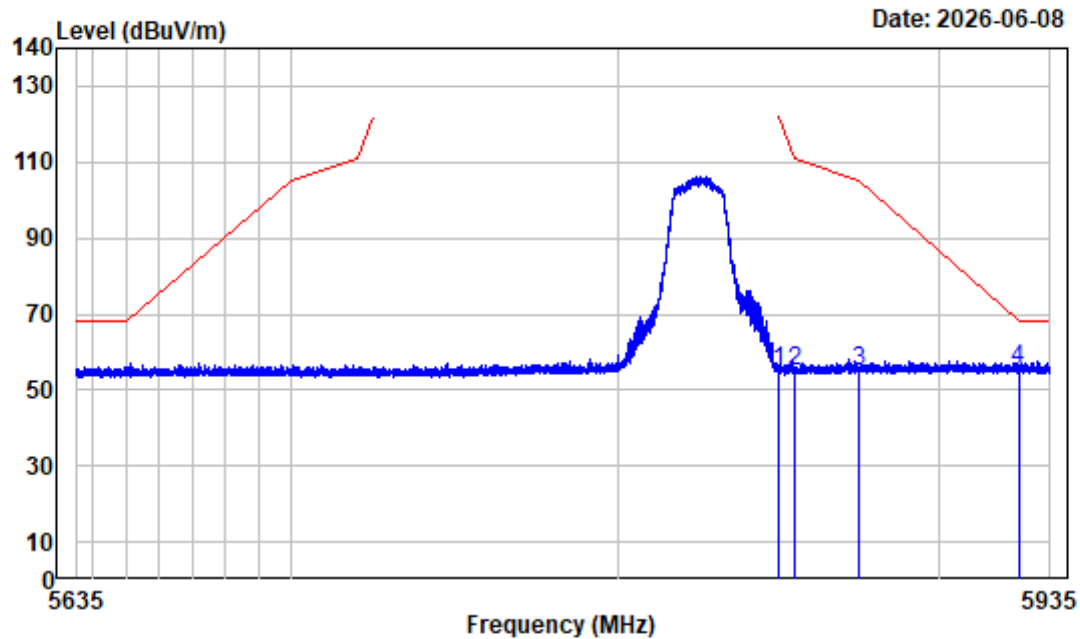
5G WIFI 802.11a High Channel Bandedge_ VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	6.36	38.47	44.83	54.00	-9.17	Average
2	11650.000	6.36	48.70	55.06	74.00	-18.94	Peak
3	17475.000	7.14	48.01	55.15	68.20	-13.05	Peak
4	17738.630	7.32	36.50	43.82	54.00	-10.18	Average
5	17738.630	7.32	49.15	56.47	74.00	-17.53	Peak

5G WIFI 802.11a High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

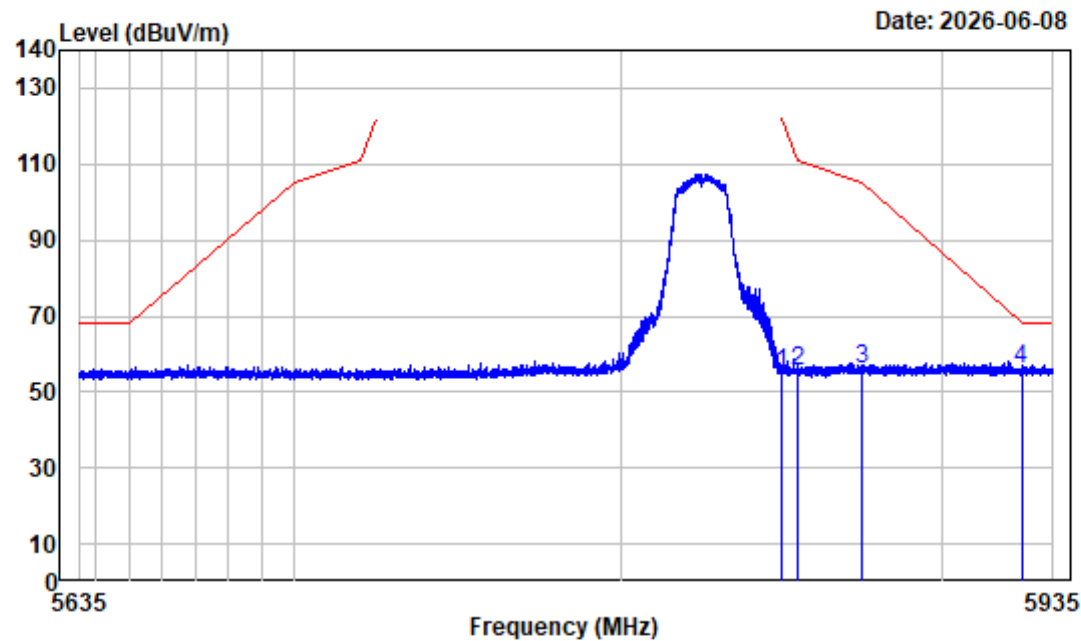
Tester:Angel Chen

Note : 5G WIFI 802.11a High Channel 5825MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	60.48	55.10	122.20	-67.10	Peak
2	5855.000	-5.34	60.15	54.81	110.80	-55.99	Peak
3	5875.000	-5.18	60.04	54.86	105.20	-50.34	Peak
4	5925.000	-5.23	60.57	55.34	68.20	-12.86	Peak

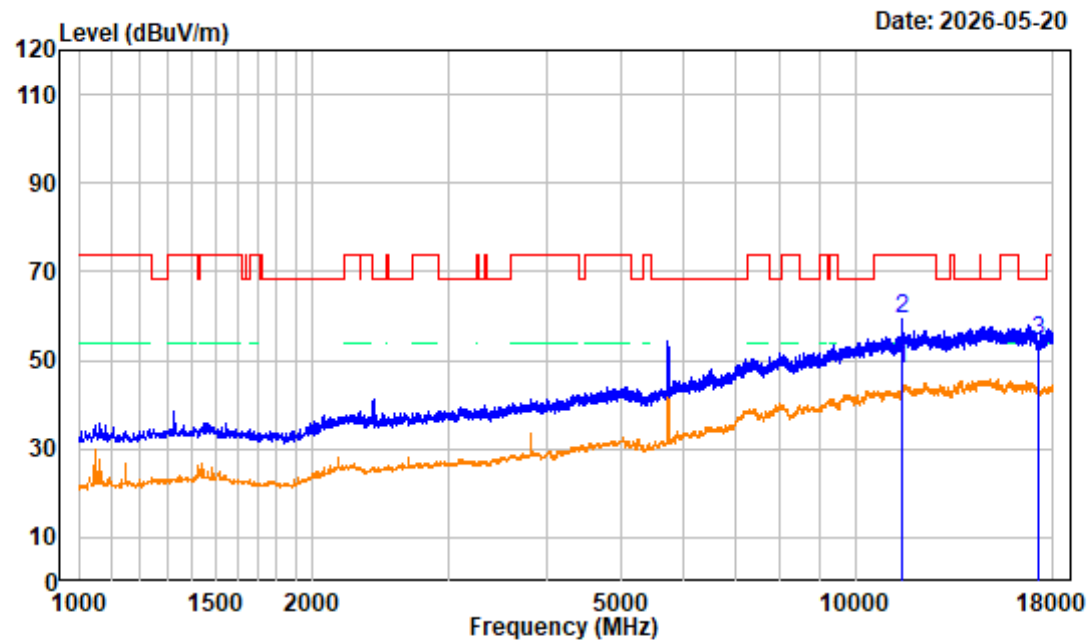
5G WIFI 802.11a High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11a High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	60.46	55.08	122.20	-67.12	Peak
2	5855.000	-5.34	60.82	55.48	110.80	-55.32	Peak
3	5875.000	-5.18	61.37	56.19	105.20	-49.01	Peak
4	5925.000	-5.23	60.98	55.75	68.20	-12.45	Peak

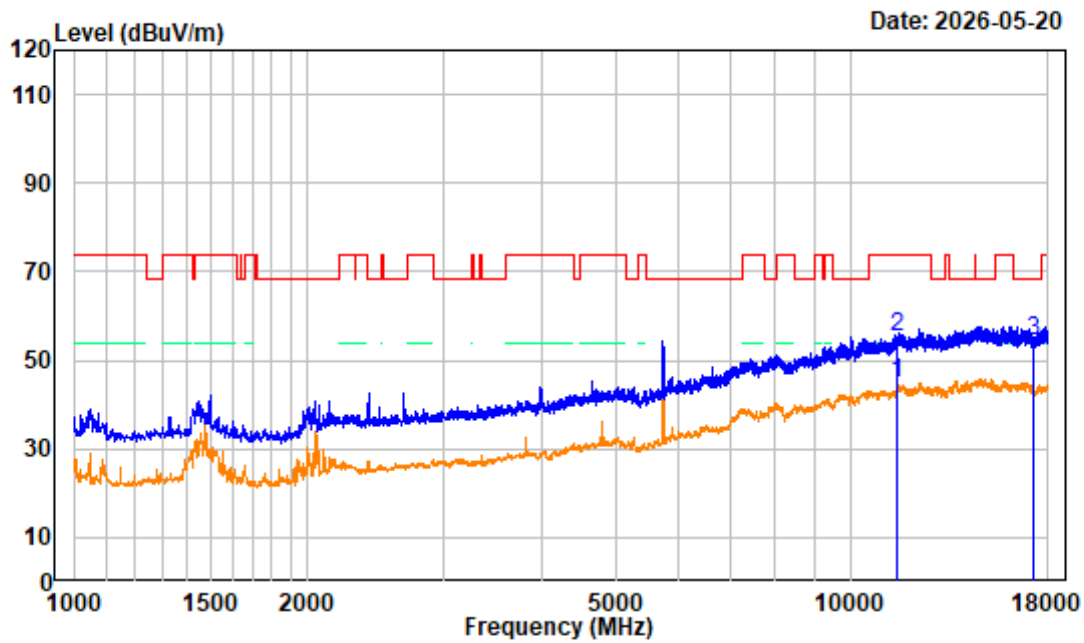
5G WIFI 802.11n20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11490.000	6.86	41.19	48.05	54.00	-5.95	Average
2	11490.000	6.86	52.32	59.18	74.00	-14.82	Peak
3	17235.000	6.69	47.68	54.37	68.20	-13.83	Peak

5G WIFI 802.11n20 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

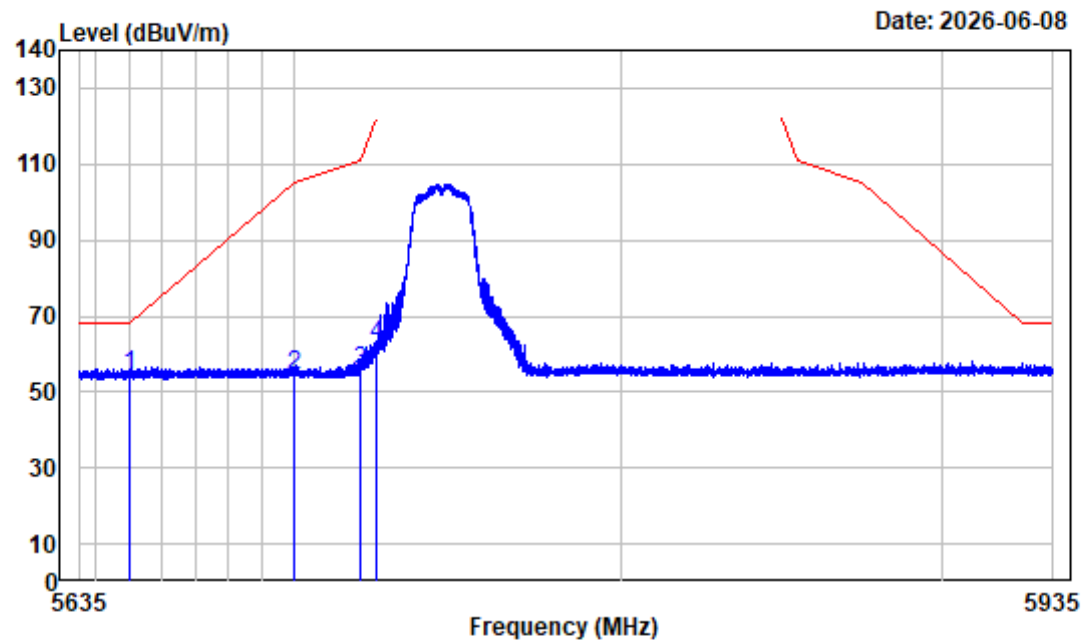
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5745MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11490.000	6.86	37.84	44.70	54.00	-9.30	Average
2	11490.000	6.86	48.58	55.44	74.00	-18.56	Peak
3	17235.000	6.69	47.70	54.39	68.20	-13.81	Peak

5G WIFI 802.11n20 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

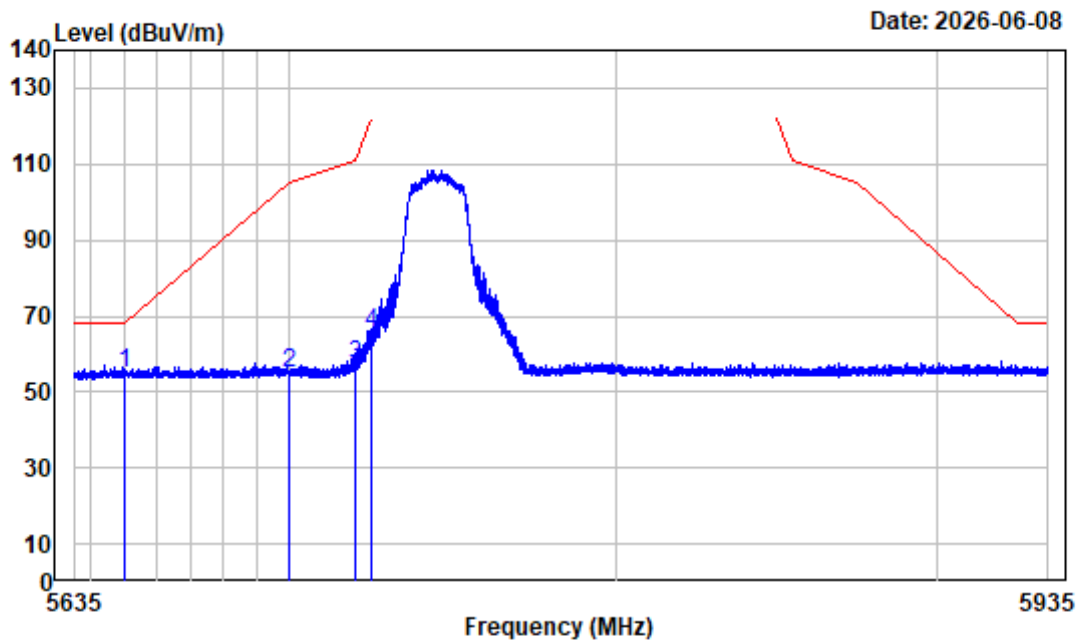
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Low Channel 5745MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	60.29	54.67	68.20	-13.53	Peak
2	5700.000	-5.46	59.84	54.38	105.20	-50.82	Peak
3	5720.000	-5.50	60.95	55.45	110.80	-55.35	Peak
4	5725.000	-5.51	68.07	62.56	122.20	-59.64	Peak

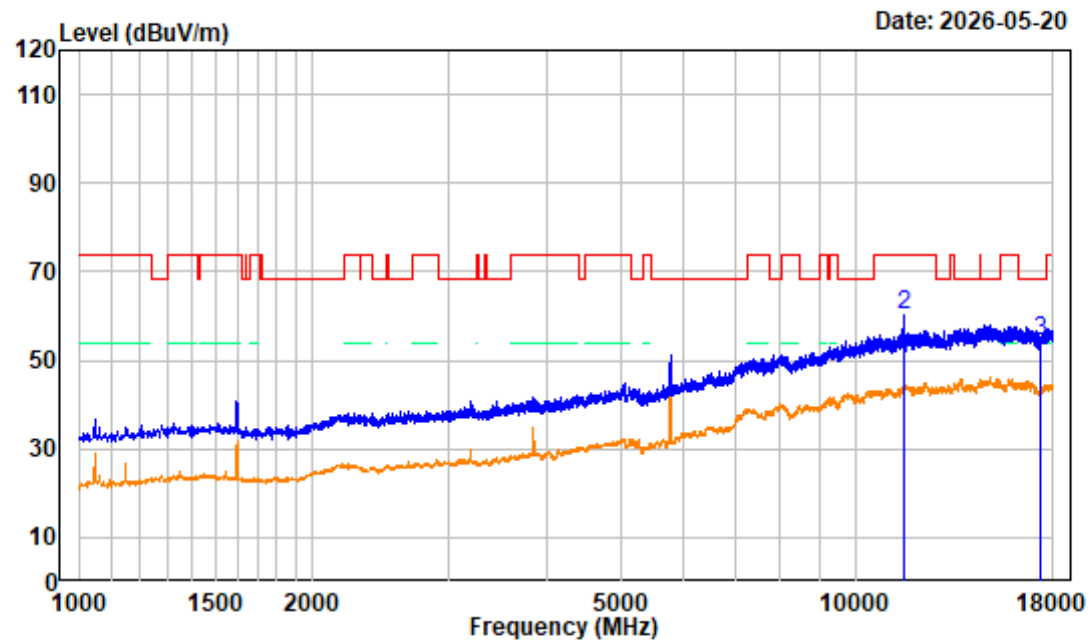
5G WIFI 802.11n20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	60.54	54.92	68.20	-13.28	Peak
2	5700.000	-5.46	60.64	55.18	105.20	-50.02	Peak
3	5720.000	-5.50	62.44	56.94	110.80	-53.86	Peak
4	5725.000	-5.51	70.91	65.40	122.20	-56.80	Peak

5G WIFI 802.11n20 Middle Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

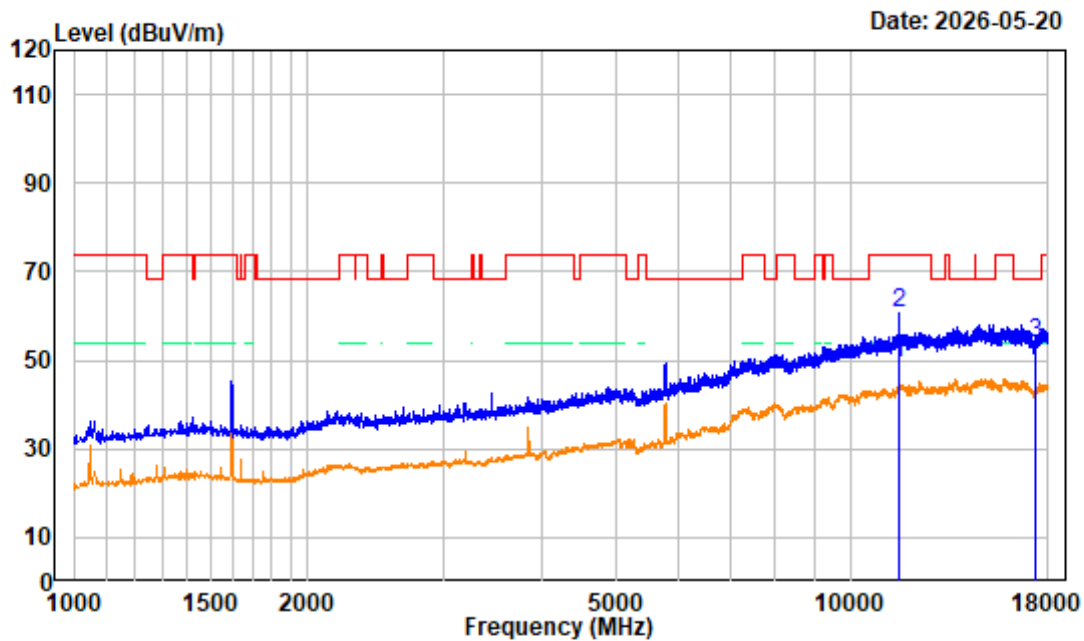
Tester:Angel Chen

Note : 5G WIFI 802.11n20 Middle Channel 5785MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	42.95	50.07	54.00	-3.93	Average
2	11570.000	7.12	53.11	60.23	74.00	-13.77	Peak
3	17355.000	6.67	47.53	54.20	68.20	-14.00	Peak

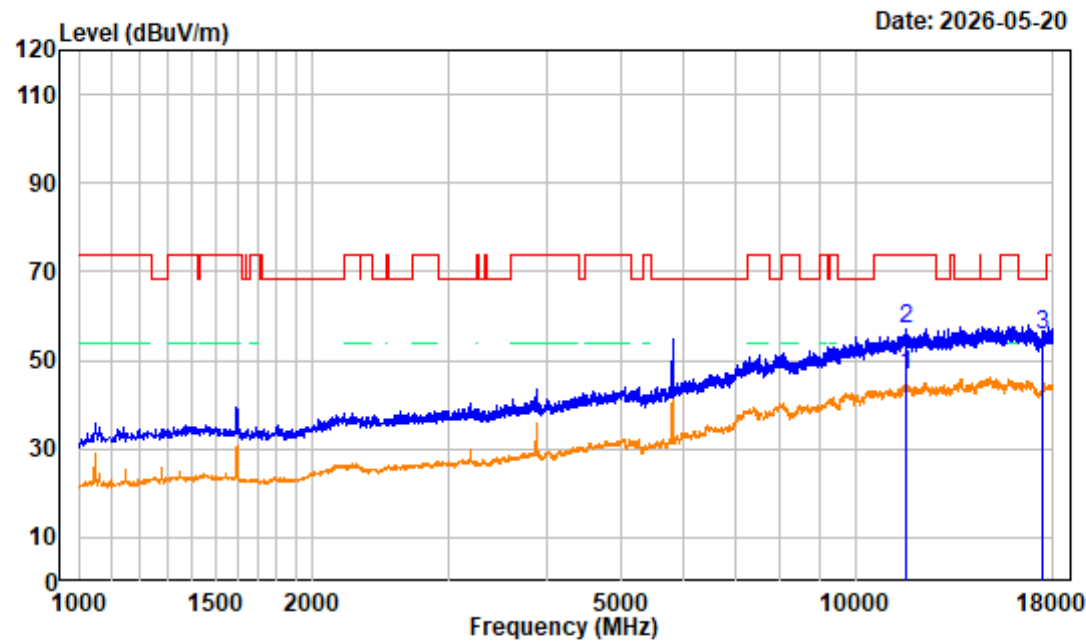
5G WIFI 802.11n20 Middle Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 Middle Channel 5785MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	42.10	49.22	54.00	-4.78	Average
2	11570.000	7.12	53.51	60.63	74.00	-13.37	Peak
3	17355.000	6.67	47.34	54.01	68.20	-14.19	Peak

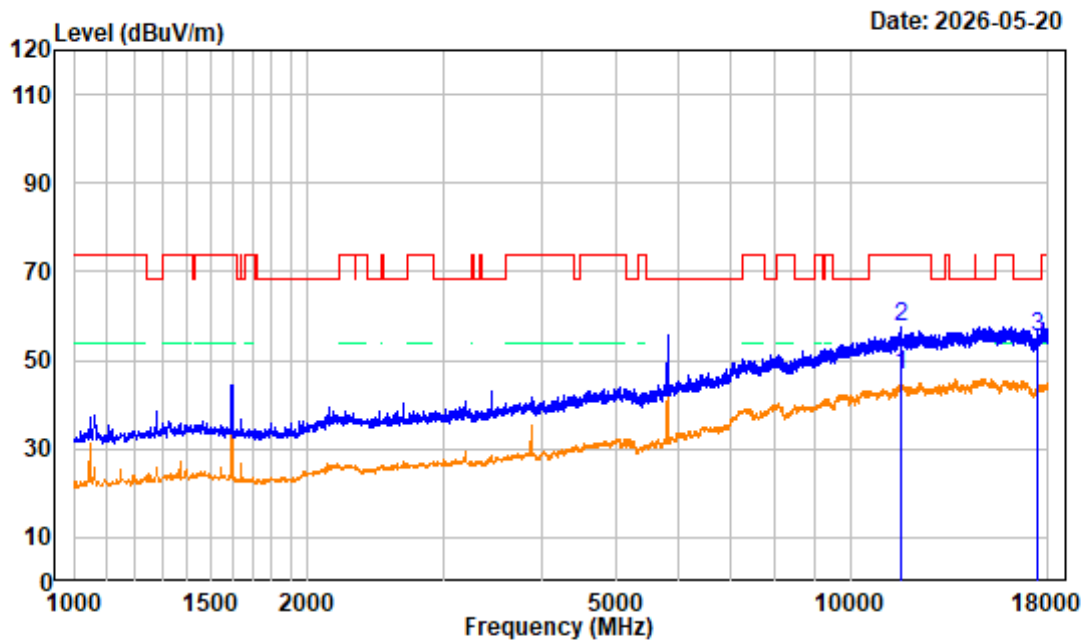
5G WIFI 802.11n20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11650.000	6.36	40.12	46.48	54.00	-7.52	Average
2 11650.000	6.36	50.91	57.27	74.00	-16.73	Peak
3 17475.000	7.14	48.46	55.60	68.20	-12.60	Peak

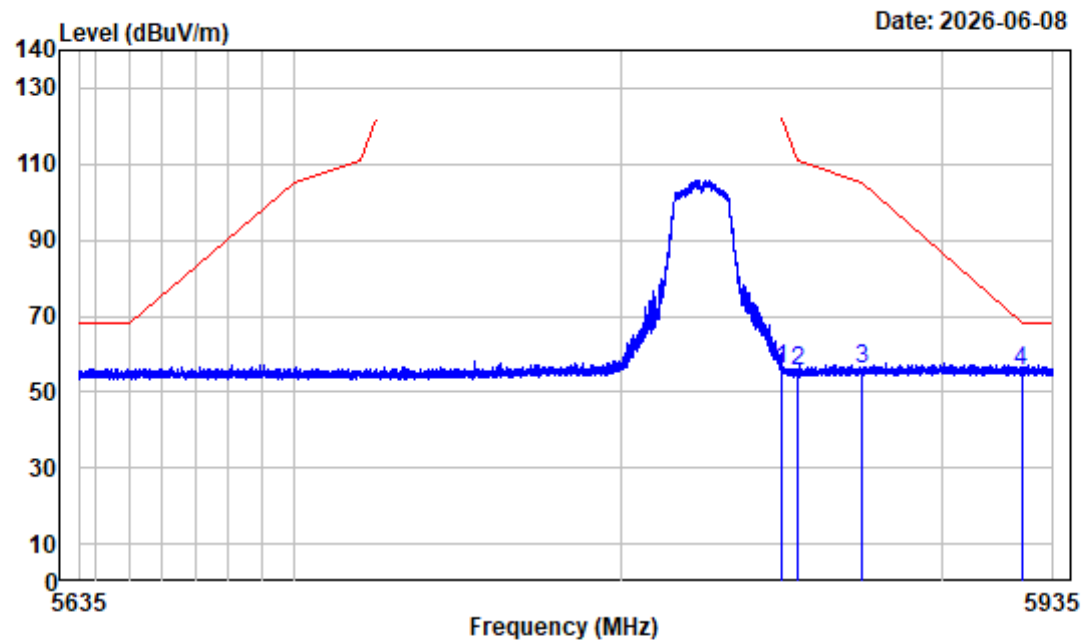
5G WIFI 802.11n20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	6.36	40.27	46.63	54.00	-7.37	Average
2	11650.000	6.36	51.01	57.37	74.00	-16.63	Peak
3	17475.000	7.14	48.28	55.42	68.20	-12.78	Peak

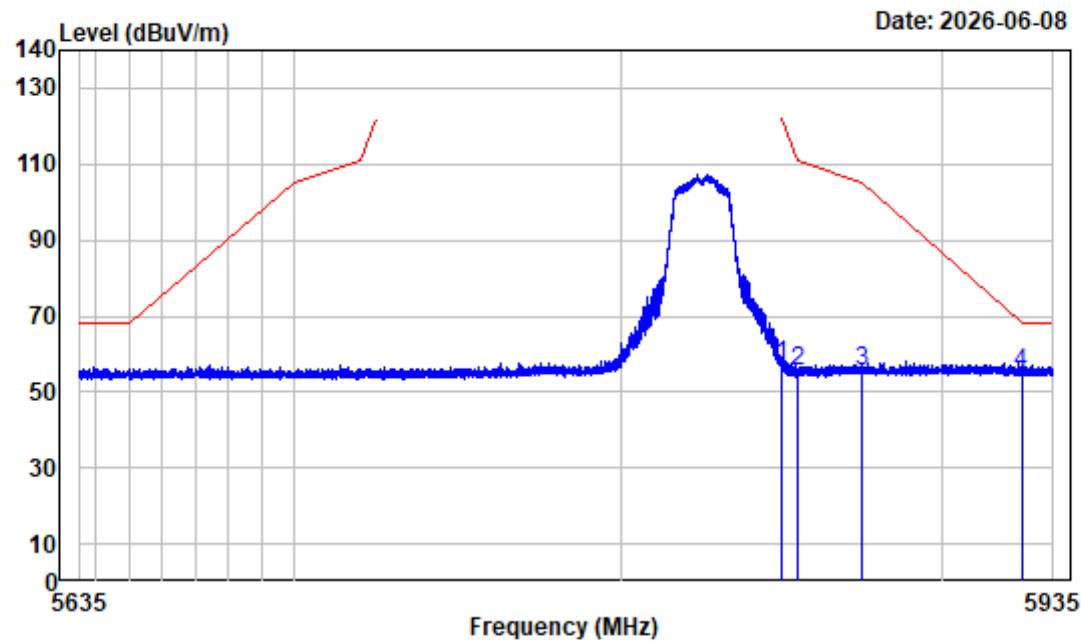
5G WIFI 802.11n20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	61.21	55.83	122.20	-66.37	Peak
2	5855.000	-5.34	60.87	55.53	110.80	-55.27	Peak
3	5875.000	-5.18	61.43	56.25	105.20	-48.95	Peak
4	5925.000	-5.23	60.50	55.27	68.20	-12.93	Peak

5G WIFI 802.11n20 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

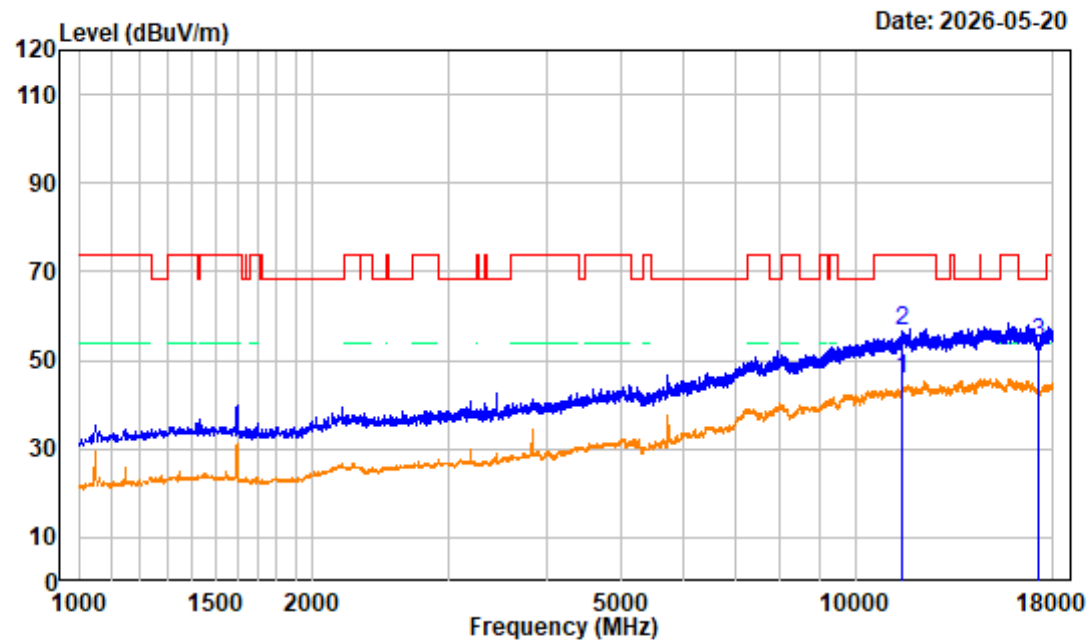
Tester:Angel Chen

Note : 5G WIFI 802.11n20 High Channel 5825MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	62.22	56.84	122.20	-65.36	Peak
2	5855.000	-5.34	60.63	55.29	110.80	-55.51	Peak
3	5875.000	-5.18	60.62	55.44	105.20	-49.76	Peak
4	5925.000	-5.23	60.14	54.91	68.20	-13.29	Peak

5G WIFI 802.11n40 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

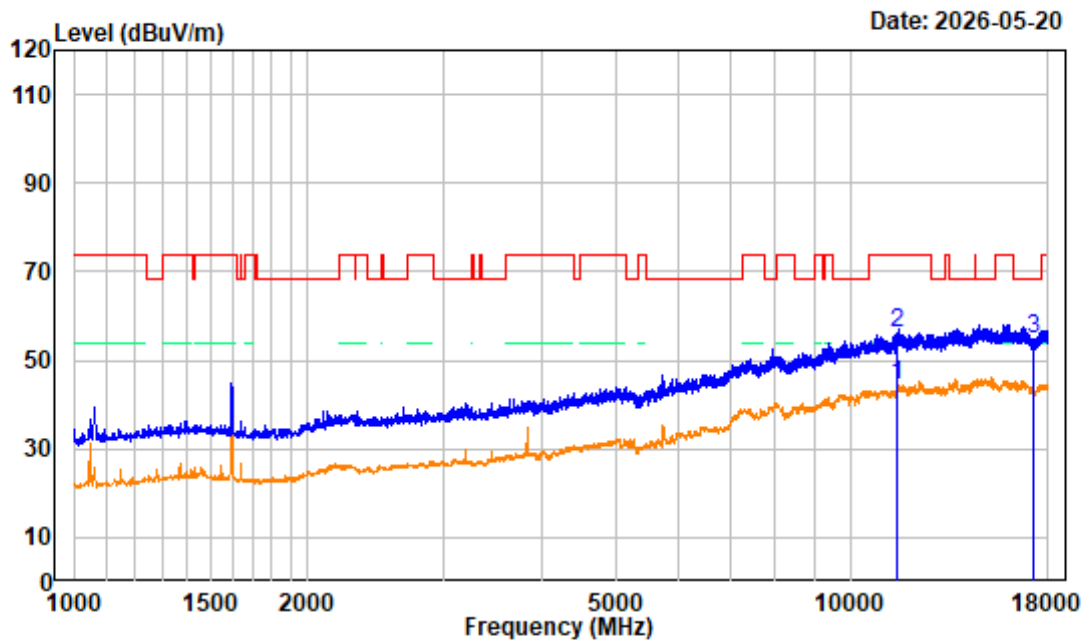
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5755MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	7.15	38.54	45.69	54.00	-8.31	Average
2	11510.000	7.15	49.56	56.71	74.00	-17.29	Peak
3	17265.000	6.71	47.20	53.91	68.20	-14.29	Peak

5G WIFI 802.11n40 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

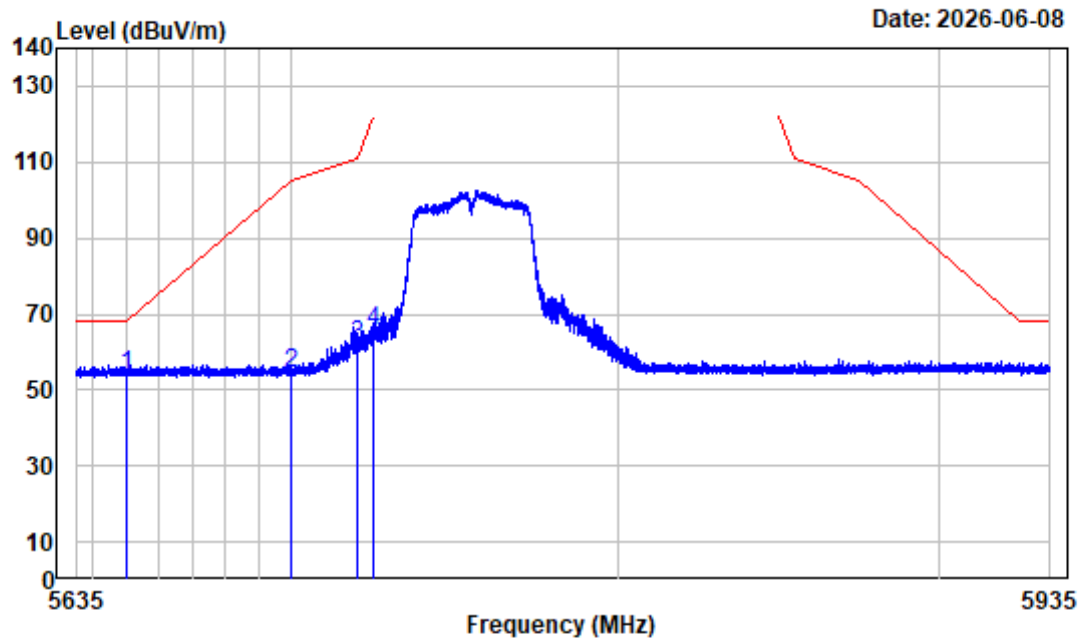
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5755MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11510.000	7.15	37.32	44.47	54.00	-9.53	Average
2	11510.000	7.15	48.84	55.99	74.00	-18.01	Peak
3	17265.000	6.71	48.13	54.84	68.20	-13.36	Peak

5G WIFI 802.11n40 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

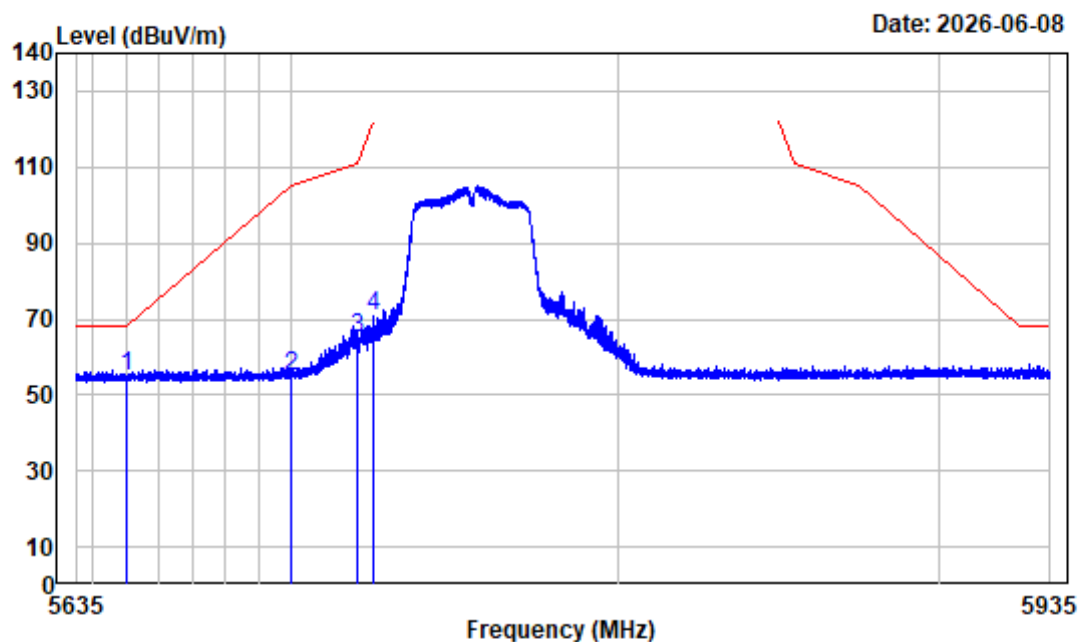
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5755MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	59.43	53.81	68.20	-14.39	Peak
2	5700.000	-5.46	60.07	54.61	105.20	-50.59	Peak
3	5720.000	-5.50	67.19	61.69	110.80	-49.11	Peak
4	5725.000	-5.51	71.01	65.50	122.20	-56.70	Peak

5G WIFI 802.11n40 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

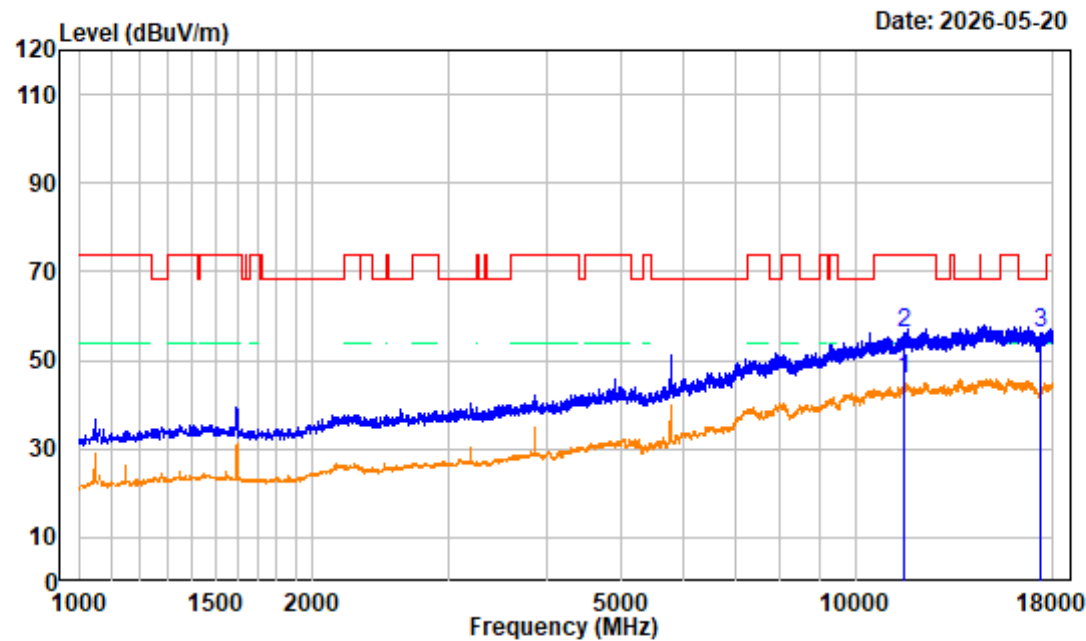
Tester:Angel Chen

Note : 5G WIFI 802.11n40 Low Channel 5755MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	60.43	54.81	68.20	-13.39	Peak
2	5700.000	-5.46	60.57	55.11	105.20	-50.09	Peak
3	5720.000	-5.50	70.26	64.76	110.80	-46.04	Peak
4	5725.000	-5.51	76.16	70.65	122.20	-51.55	Peak

5G WIFI 802.11n40 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

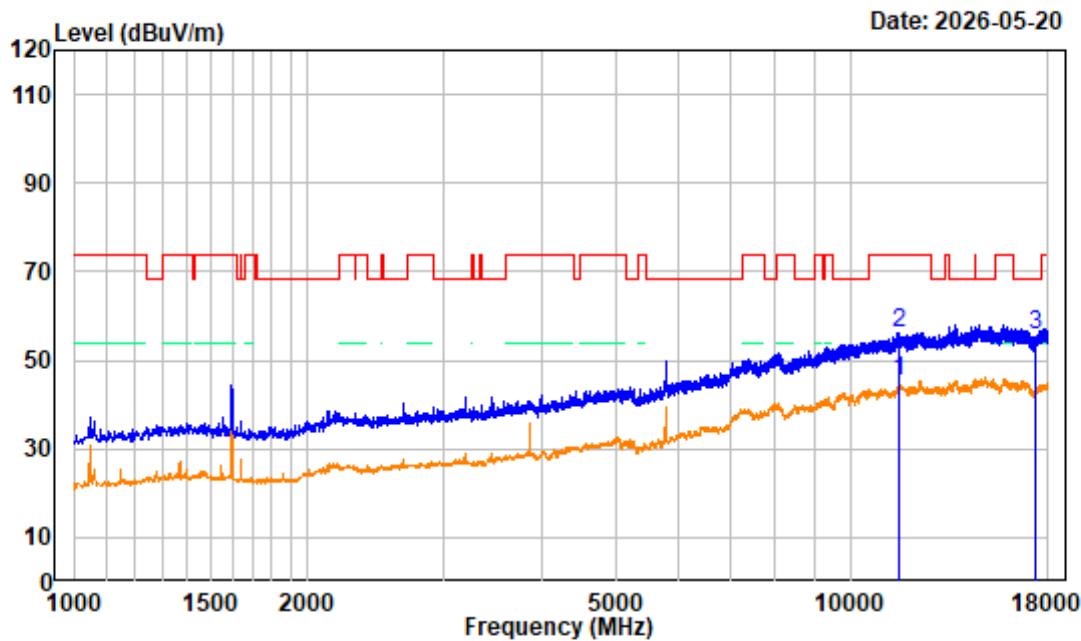
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5795MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	7.06	38.47	45.53	54.00	-8.47	Average
2	11590.000	7.06	49.15	56.21	74.00	-17.79	Peak
3	17385.000	6.86	49.30	56.16	68.20	-12.04	Peak

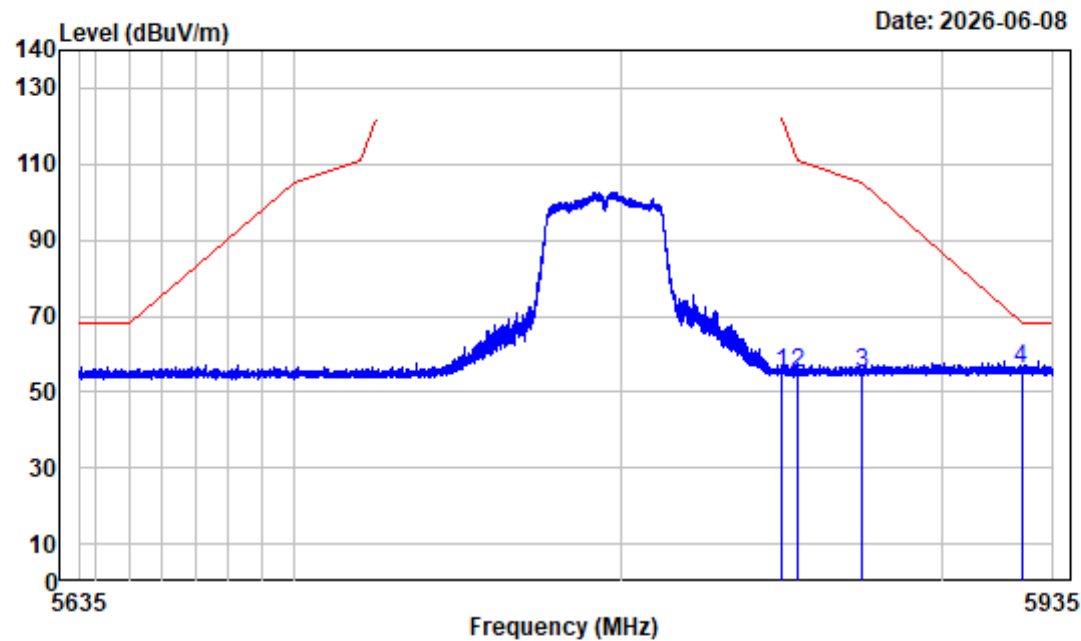
5G WIFI 802.11n40 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5795MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11590.000	7.06	38.15	45.21	54.00	-8.79	Average
2	11590.000	7.06	49.01	56.07	74.00	-17.93	Peak
3	17385.000	6.86	48.65	55.51	68.20	-12.69	Peak

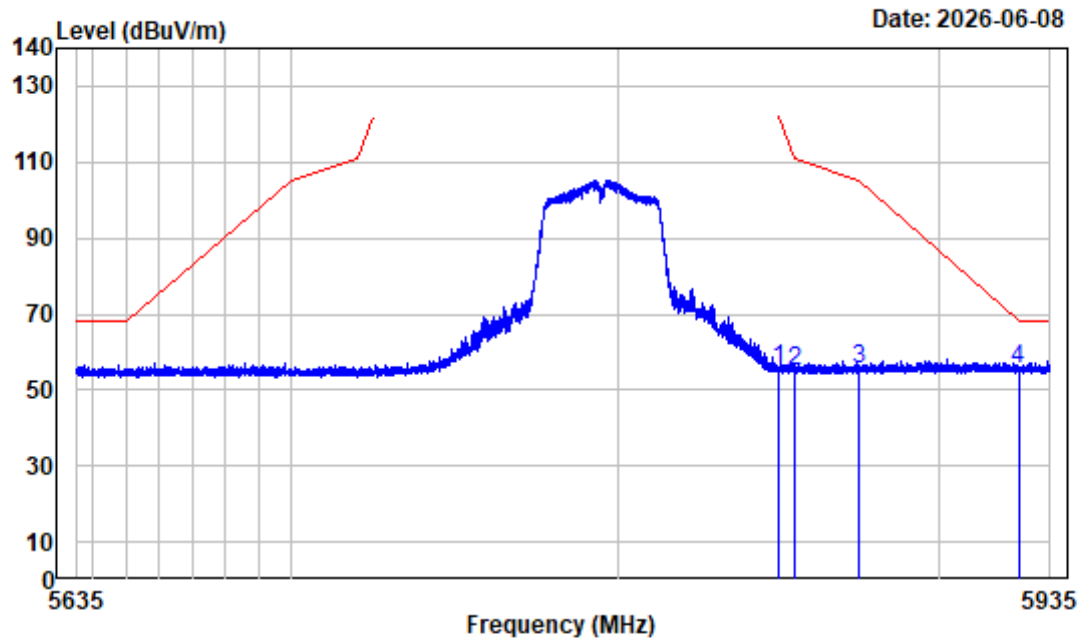
5G WIFI 802.11n40 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11n40 High Channel 5795MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	60.56	55.18	122.20	-67.02	Peak
2	5855.000	-5.34	60.21	54.87	110.80	-55.93	Peak
3	5875.000	-5.18	60.36	55.18	105.20	-50.02	Peak
4	5925.000	-5.23	61.18	55.95	68.20	-12.25	Peak

5G WIFI 802.11n40 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

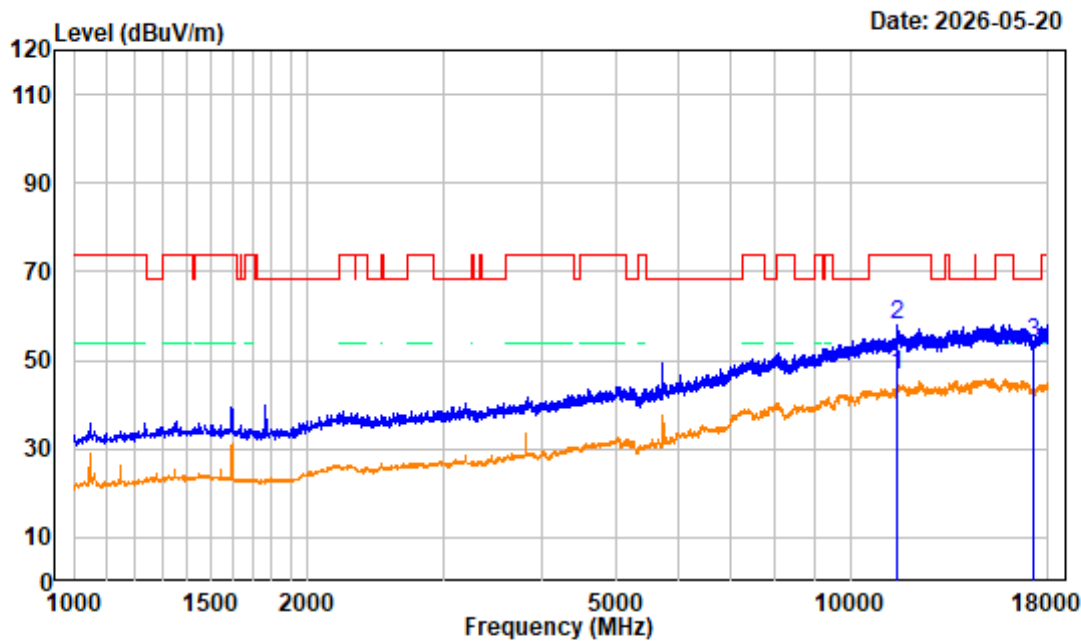
Tester:Angel Chen

Note : 5G WIFI 802.11n40 High Channel 5795MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	61.06	55.68	122.20	-66.52	Peak
2	5855.000	-5.34	60.23	54.89	110.80	-55.91	Peak
3	5875.000	-5.18	60.63	55.45	105.20	-49.75	Peak
4	5925.000	-5.23	60.87	55.64	68.20	-12.56	Peak

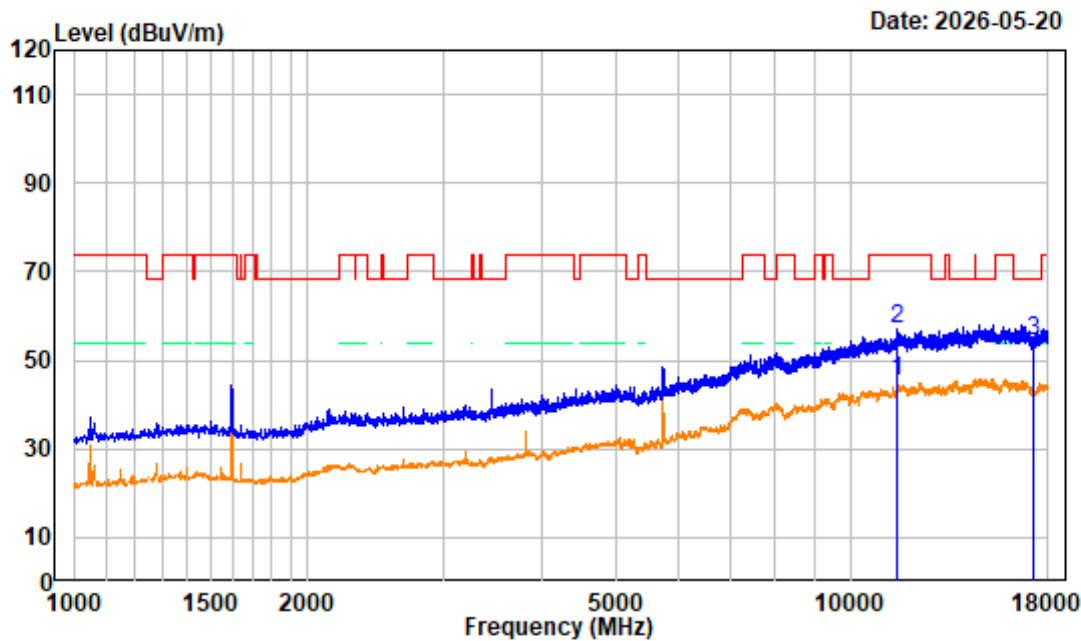
5G WIFI 802.11ac20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11490.000	6.86	39.75	46.61	54.00	-7.39	Average
2	11490.000	6.86	51.20	58.06	74.00	-15.94	Peak
3	17235.000	6.69	47.23	53.92	68.20	-14.28	Peak

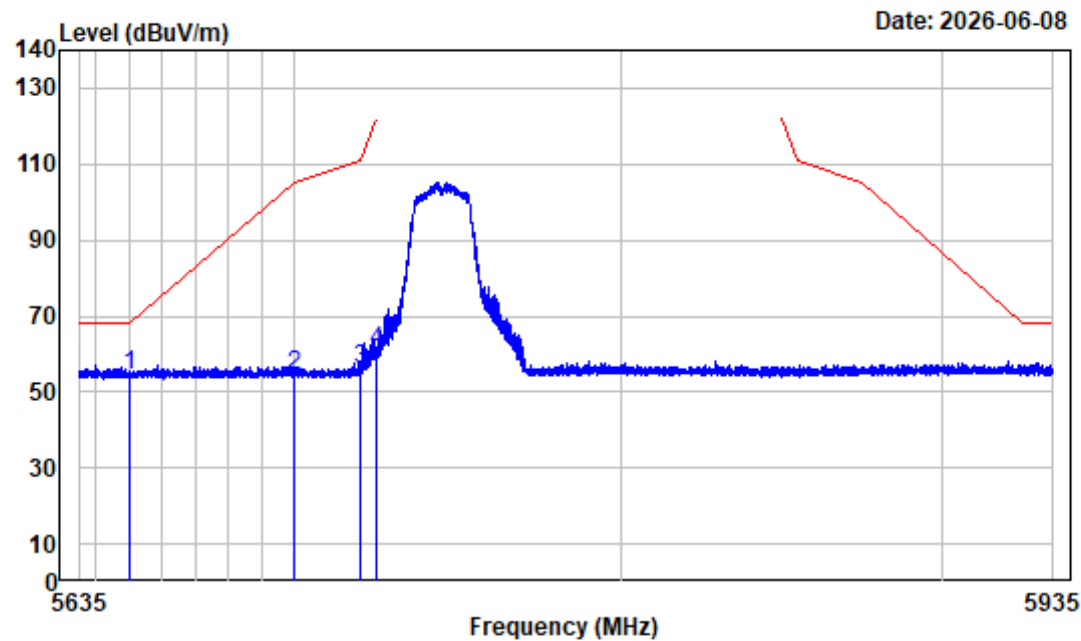
5G WIFI 802.11ac20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Low Channel 5745MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11490.000	6.86	38.64	45.50	54.00	-8.50	Average
2 11490.000	6.86	50.02	56.88	74.00	-17.12	Peak
3 17235.000	6.69	47.78	54.47	68.20	-13.73	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

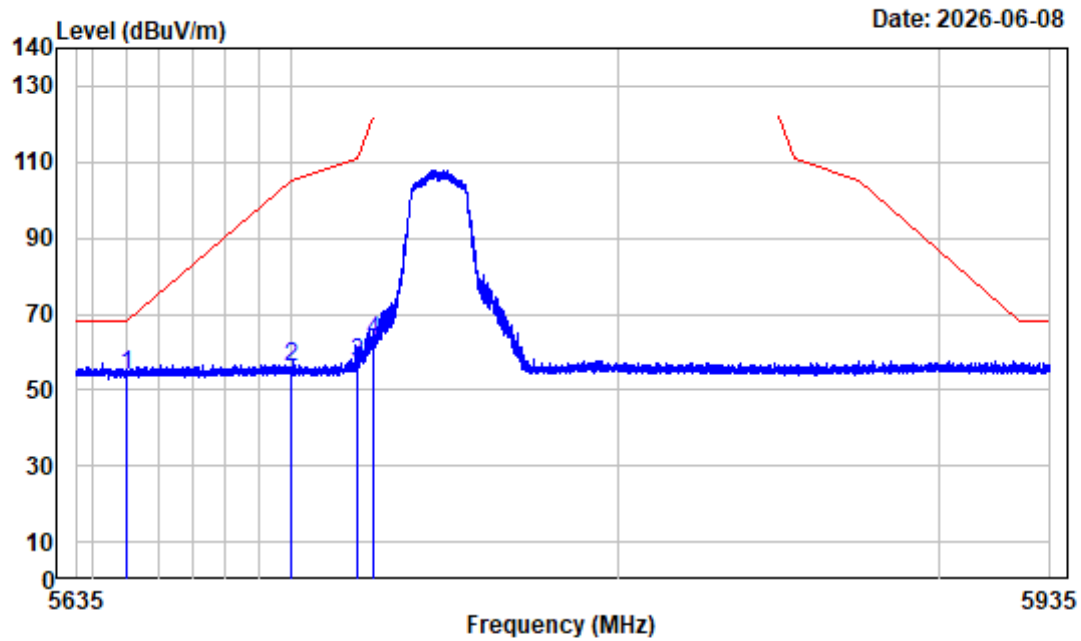
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5745MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	60.14	54.52	68.20	-13.68	Peak
2	5700.000	-5.46	60.09	54.63	105.20	-50.57	Peak
3	5720.000	-5.50	61.29	55.79	110.80	-55.01	Peak
4	5725.000	-5.51	66.33	60.82	122.20	-61.38	Peak

5G WIFI 802.11ac20 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

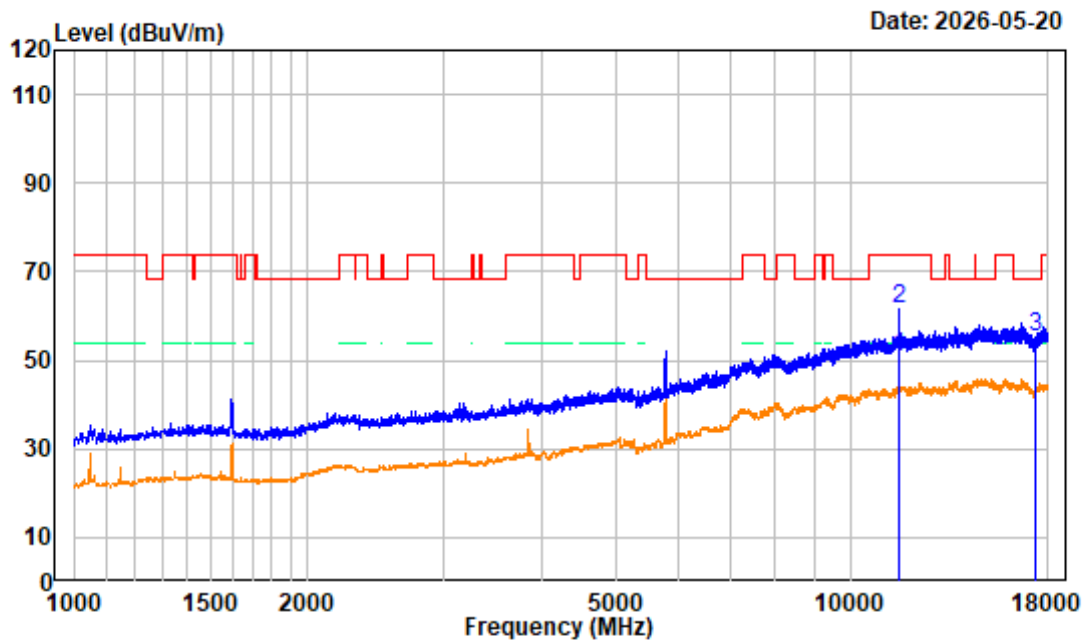
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 Low Channel 5745MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-5.62	59.62	54.00	68.20	-14.20	Peak
2	5700.000	-5.46	61.61	56.15	105.20	-49.05	Peak
3	5720.000	-5.50	62.60	57.10	110.80	-53.70	Peak
4	5725.000	-5.51	68.33	62.82	122.20	-59.38	Peak

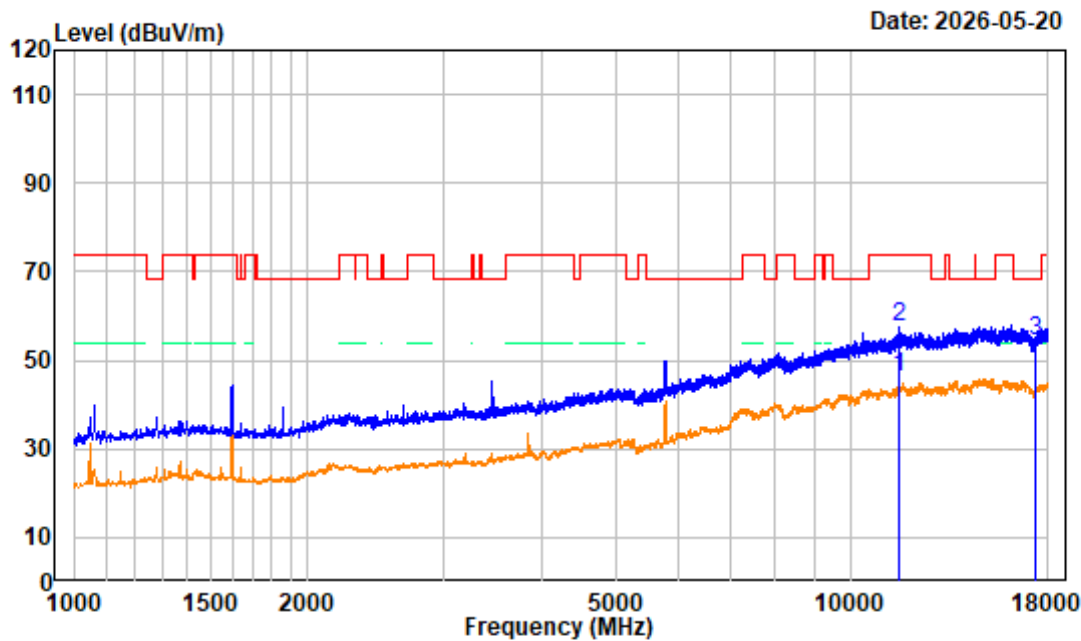
5G WIFI 802.11ac20 Middle Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Middle Channel 5785MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	43.63	50.75	54.00	-3.25	Average
2	11570.000	7.12	54.37	61.49	74.00	-12.51	Peak
3	17355.000	6.67	48.63	55.30	68.20	-12.90	Peak

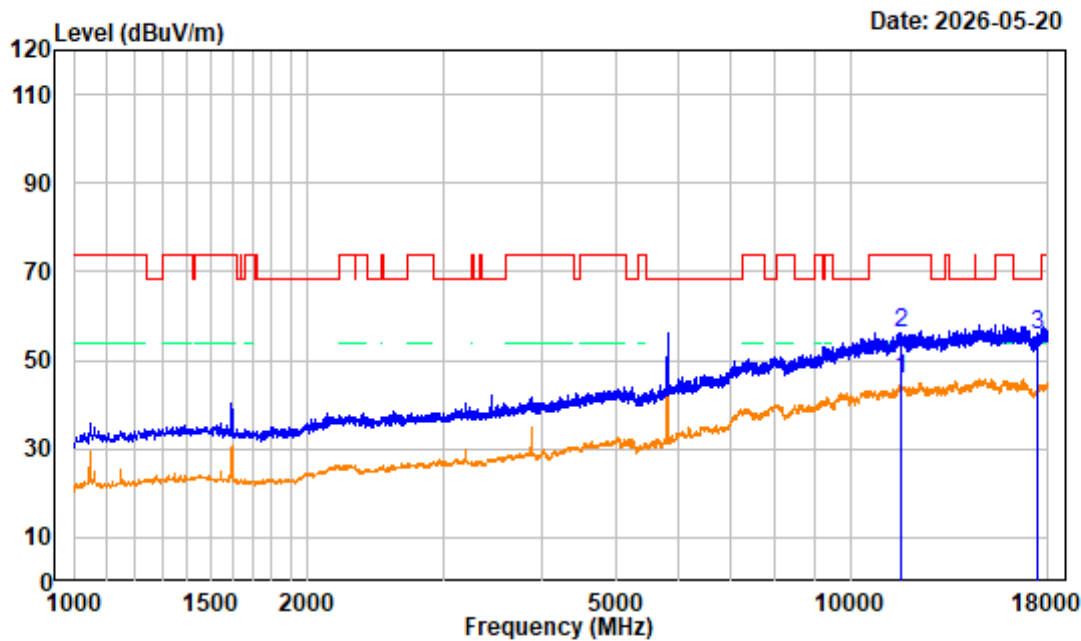
5G WIFI 802.11ac20 Middle Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 Middle Channel 5785MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level			
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11570.000	7.12	39.11	46.23	54.00	-7.77	Average
2	11570.000	7.12	50.18	57.30	74.00	-16.70	Peak
3	17355.000	6.67	47.72	54.39	68.20	-13.81	Peak

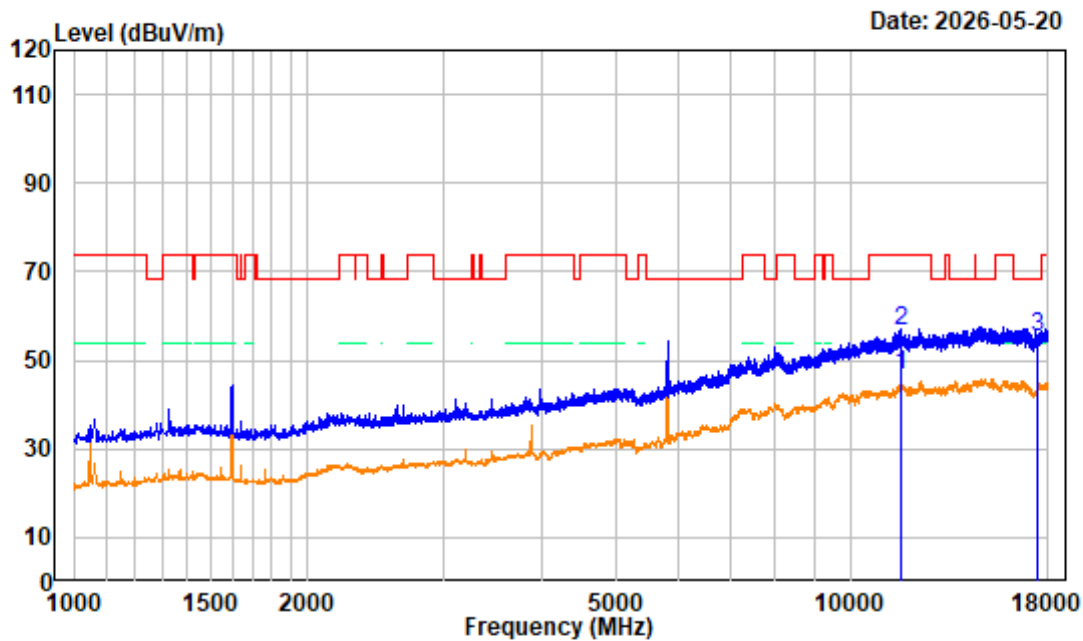
5G WIFI 802.11ac20 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11650.000	6.36	39.43	45.79	54.00	-8.21	Average
2 11650.000	6.36	50.00	56.36	74.00	-17.64	Peak
3 17475.000	7.14	48.62	55.76	68.20	-12.44	Peak

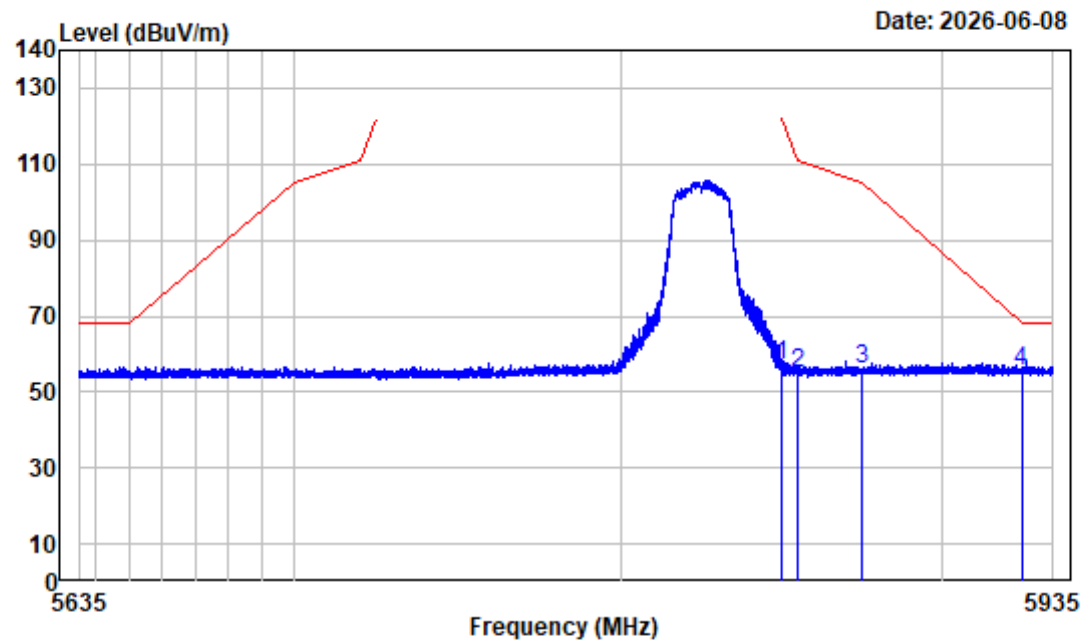
5G WIFI 802.11ac20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	11650.000	6.36	40.35	46.71	54.00	-7.29	Average
2	11650.000	6.36	50.08	56.44	74.00	-17.56	Peak
3	17475.000	7.14	48.18	55.32	68.20	-12.88	Peak

5G WIFI 802.11ac20 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2604S55447E-RF

Test Mode : Transmitting

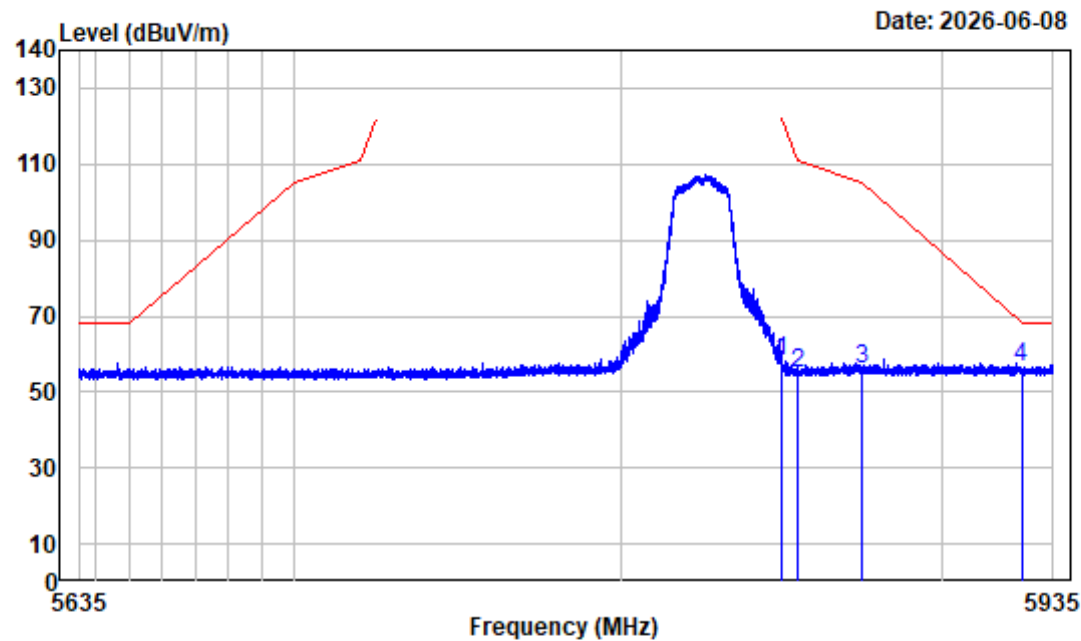
Tester:Angel Chen

Note : 5G WIFI 802.11ac20 High Channel 5825MHz Bandedge

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	62.54	57.16	122.20	-65.04	Peak
2	5855.000	-5.34	60.40	55.06	110.80	-55.74	Peak
3	5875.000	-5.18	61.18	56.00	105.20	-49.20	Peak
4	5925.000	-5.23	60.48	55.25	68.20	-12.95	Peak

5G WIFI 802.11ac20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2604S55447E-RF
Test Mode : Transmitting Tester:Angel Chen
Note : 5G WIFI 802.11ac20 High Channel 5825MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-5.38	63.74	58.36	122.20	-63.84	Peak
2	5855.000	-5.34	60.27	54.93	110.80	-55.87	Peak
3	5875.000	-5.18	61.01	55.83	105.20	-49.37	Peak
4	5925.000	-5.23	61.81	56.58	68.20	-11.62	Peak

EMISSION BANDWIDTH

Applicable Standard

According to FCC §15.407(a),

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

According to FCC §15.407(e),

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

According to KDB789033 D02 section II.C. and section II.D.

1. Emission Bandwidth (EBW)

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- Set RBW = 100 kHz.
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3. 99% Occupied Bandwidth

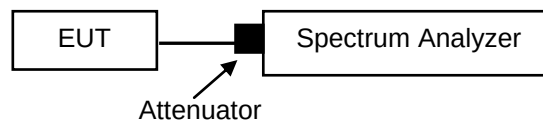
The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. Measurement of the 99% occupied bandwidth is *required* only as a condition for using the optional bandedge measurement techniques described in II.G.3.d). Measurements of 99% occupied bandwidth may also optionally be used in lieu of the EBW to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with Section 15.407(a).

The following procedure shall be used for measuring (99%) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1% to 5% of the OBW
4. Set VBW $\geq 3 \times$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99% power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

Note: For devices that use channel aggregation refer to III.A and III.C for determining 99% bandwidth.

Note: Offset = RF cable loss(1.0dB[#]) + Attenuator(10dB)



Test Data

Test Result: Please refer to the Appendix.

CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

According to FCC §15.407(a),

For an indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

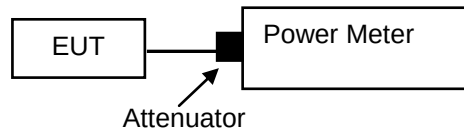
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

According to KDB789033 D02 section II.E.3.a).

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
3. Add a correction factor to the display.



Note: Offset = RF cable loss(1.0dB[#]) + Attenuator(10dB)

Test Data

Test Result: Please refer to the Appendix.

POWER SPECTRAL DENSITY

Applicable Standard

According to FCC §15.407(a),

For an indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

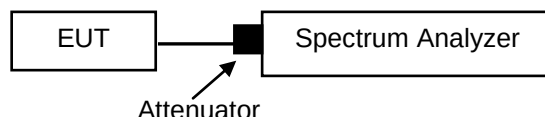
Test Procedure

According to KDB 789033 D02 section II.F.

The rules requires “maximum power spectral density” measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission. Refer to III.A for additional guidance for devices that use channel aggregation.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including the step labeled, “Compute power....” (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)
2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
3. Make the following adjustments to the peak value of the spectrum, if applicable:
 - a) If Method SA-2 or SA-2 Alternative was used, add $10 \log (1/x)$, where x is the duty cycle, to the peak of the spectrum.
 - b) If Method SA-3 Alternative was used and the linear mode was used in II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
4. The result is the Maximum PSD over 1 MHz reference bandwidth.
5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the preceding procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in Section 15.407(a)(5). For devices operating in the band 5.725-5.85GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:
 - a) Set $RBW \geq 1 / T$, where T is defined in II.B.I.a).
 - b) Set $VBW \geq 3RBW$
 - c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10 \log (500 \text{ kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
 - d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10 \log (1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
 - e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the II.F.5.c) and II.F.5.d), since $RBW=100 \text{ kHz}$ is available on nearly all spectrum analyzers.



Note 1: The test method SA-2 should be used.

Note 2: Offset = RF cable loss(1.0dB[#]) + Attenuator(10dB)

Test Data

Test Result: Please refer to the Appendix.

DUTY CYCLE

Test Procedure

According to ANSI C63.10-2020 Section 12.2,

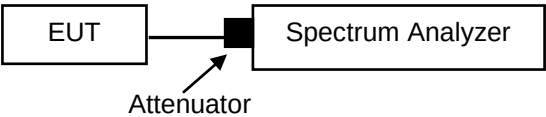
The following procedure shall be used for determining duty cycle, transmission duration, and maximum power control level for U-NII devices:

a) All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, D, and maximum-power transmission duration, T, are required for each tested mode of operation:

- 1) T refers to the minimum transmission duration over which the transmitter is ON and is transmitting at its maximum power control level for the tested mode of operation.
- 2) Duty cycle (D), as used in this clause, refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level.
- 3) The term “maximum power control level” is intended to distinguish between operating power levels of the EUT and differences in power levels of individual symbols that occur with some modulation types, such as quadrature amplitude modulation (QAM). During testing, the EUT is not required to transmit continuously with its highest possible symbol power level. Rather, it shall transmit all of the symbols, and shall do so at the highest power control level (i.e., highest operating power level) of the EUT.

b) Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

- 1) A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.
- 2) The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
 - i) Set the center frequency of the instrument to the center frequency of the transmission.
 - ii) Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value.
 - iii) Set VBW ≥ RBW.
 - iv) Set detector = peak.
 - v) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.
For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7 \mu s$.



Note: Offset = RF cable loss(1.0dB[#]) + Attenuator(10dB)

Test Data

Test Result: Please refer to the Appendix.