



TEST REPORT

Applicant Name: Shenzhen TCL Smart Home Technology Co., Ltd.
Address: 7/F, TCL G1 Building. TCL International E City, No.1001 Zhongshan Yuan Road, Nanshan District, Shenzhen
Report Number: 2504X03184E-RFC
FCC ID: 2BG9T-TCLD2L
IC: 34178-TCLD2L

Test Standard (s)

FCC PART 15.247
RSS-GEN ISSUE 5, FEBRUARY 2021 AMENDMENT 2
RSS-247, ISSUE 3, AUGUST 2023

Sample Description

Product Name: D2 Series Smart Door Lock
Model No.: D2L
Trade Mark: TCL
Date Received: 2025-09-12
Report Date: 2025-11-06

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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Shenzhen Accurate Technology Co., Ltd.

Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Tel: +86 755-26503290

Web: www.atc-lab.com

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504X03184E-RFC	Original Report	2025-11-06

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	D2 Series Smart Door Lock
Tested Model	D2L
HVIN	D2L
Voltage Range [#]	DC 6V from battery(8 AA Alkaline Batteries, 4+4 parallel battery pack)
Note: The device(D2 Series Smart Door Lock) has two parts: Exterior Assembly and Interior Assembly.	

Only the Interior Assembly has 2.4G WIFI function, it was tested and recorded in this report.	
Frequency Range	2.4G Wi-Fi: 802.11b/g/n20/ax20: 2412-2462MHz 802.11n40/ax40: 2422-2452MHz
Maximum Conducted Output Peak Power (actual test result)	20.92dBm
Modulation Technique	DSSS, OFDM, OFDMA
Antenna Specification [#]	PCB Antenna, Antenna gain: 3.97dBi (It is provided by the applicant.)
Sample Serial Number	For Radiated Spurious Emissions Test: 39XN-3 For RF Conducted Test: 39XN-5 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission rules and RSS-GEN Issue 5, Feb. 2021Amendment 2, RSS-247, Issue 3, August 2023 of the Innovation, Science and Economic Development Canada rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.209 and 15.247 rules, RSS-GEN and RSS-247.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020+Cor. 1-2023+ C63.10a-2024+Errata to C63.10a-2024▲, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices, KDB 558074 D01 15.247 Meas Guidance v05r02 and RSS-GEN Issue 5, Feb. 2021Amendment 2 and RSS-247, Issue 3, August 2023.

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.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements. The Registration Number is 30241.

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
Radiated Emissions	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
	18GHz - 26.5GHz	5.2 dB
Temperature		1 °C
Humidity		7 %
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

The system was configured for testing in a typical fashion (as normally used by a typical user).

For 2.4G Wi-Fi, total 11 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2412	4	2427	7	2442	10	2457
2	2417	5	2432	8	2447	11	2462
3	2422	6	2437	9	2452	/	/

802.11b/g/n20/ax20 mode was tested with Channel 1, 6 and 11.
802.11n40/ax40 mode was tested with Channel 3, 6 and 9.

EUT Exercise Software and Power Level[#]

Exercise Software:		Wifi_Test_Tool_V1.9.0.exe		
Mode	Data Rate	Power Level		
		Low Channel	Middle Channel	High Channel
802.11 b	1Mbps	0	0	0
802.11 g	6Mbps	20	20	20
802.11 n20	MCS0	20	20	20
802.11 n40	MCS0	20	20	20
802.11 ax20	MCS0	20	20	20
802.11 ax40	MCS0	20	20	20

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.
Note 3[#]: For 802.11ax mode, the device not support partial RU mode.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

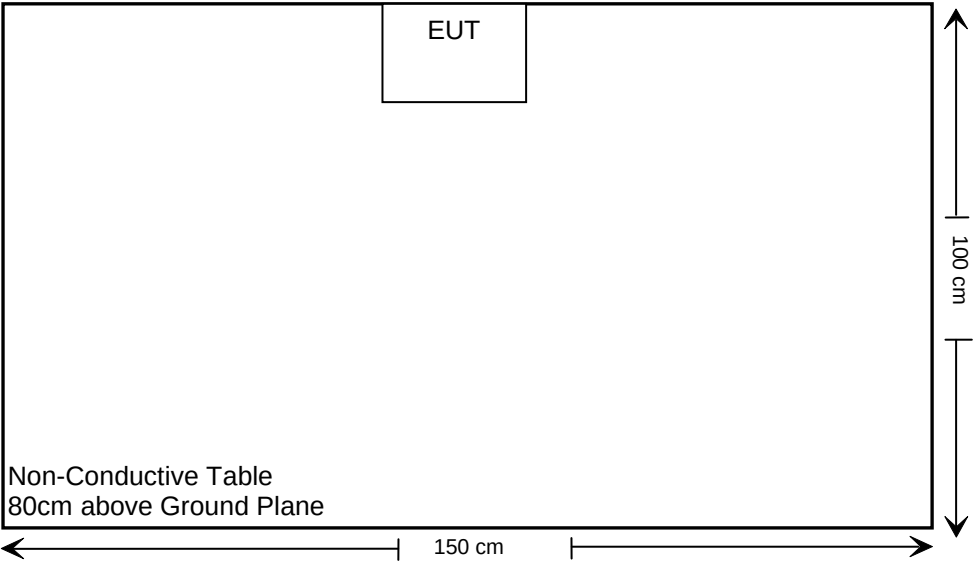
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

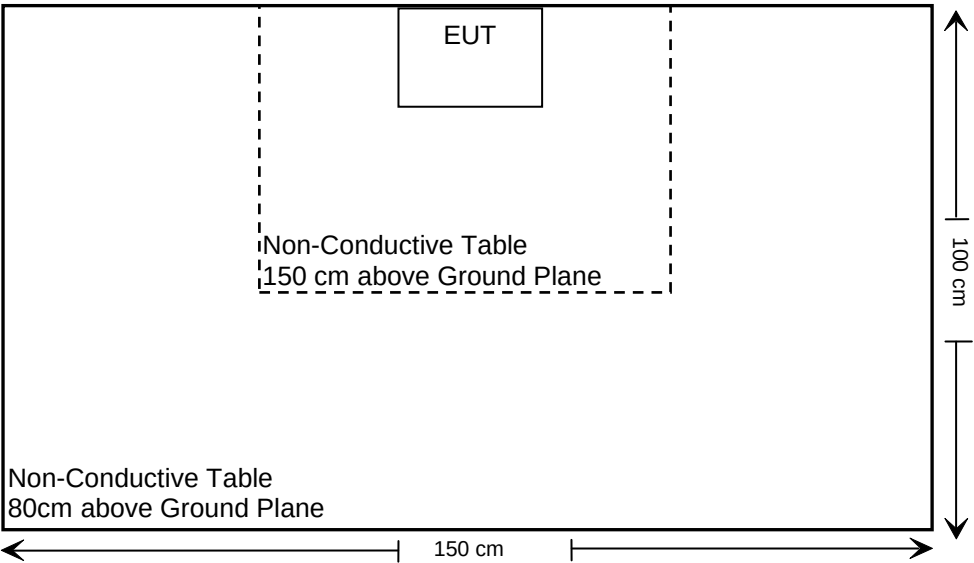
Cable Description	Shielding Type	Length (m)	From Port	To
/	/	/	/	/

Block Diagram of Test Setup

For Radiated Emission(Below 1GHz):



For Radiated Emission(Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	ISED Rules	Description of Test	Result
FCC §15.203	RSS-Gen §6.8	Antenna Requirement	Compliance
FCC §15.207(a)	RSS-Gen §8.8	AC Line Conducted Emissions	Not Applicable
FCC §15.205 FCC §15.209 FCC §15.247(d)	RSS-Gen §8.10 RSS-247 §5.5	Radiated Spurious Emissions	Compliance
FCC §15.247(a)(2)	RSS-Gen §6.7 RSS-247 §5.2(a)	6 dB Emission Bandwidth & Occupied Bandwidth	Compliance
FCC §15.247(b)(3)	RSS-247 §5.4(d)	Maximum Conducted Output Power	Compliance
FCC §15.247(d)	RSS-247 §5.5	Conducted Spurious Emission	Compliance
FCC §15.247(e)	RSS-247 §5.2(b)	Power Spectral Density	Compliance

Note 1: Not Applicable - The device was powered by battery when operating.

Note 2: The cable loss is 0.5dB, which was added into the all RF test results.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Spurious Emission Test(Below 1GHz)					
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17
SONOMA INSTRUMENT	Amplifier	310N	186131	2025/03/26	2026/03/25
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29
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	101949	2024/10/08	2025/10/07
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/09/16
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2024/10/08	2025/10/07
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2025/09/18	2026/09/17
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2024/10/08	2025/10/07
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2025/09/18	2026/09/17
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2025/03/20	2026/03/19
Schwarzbeck	Horn Antenna	BBHA9120D	837	2023/02/22	2026/02/21
Unknown	RF Coaxial Cable	No.10	N050	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.11	N1000	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.19	N500	2025/05/30	2026/05/29
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11
BACL	Amplifier	BACL-1313-A1840	4012521	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.15	N600	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.16	N650	2025/05/30	2026/05/29
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	2025/03/26	2026/03/25
Agilent	10dB Attenuator	8491B	A5825	2025/09/18	2026/09/17
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:

Antenna must be permanently attached to the unit.

Antenna must use a unique type of connector to attach to the EUT.

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 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to RSS-GEN §6.8,

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

Antenna Connector Construction[#]

The EUT has an antenna arrangement, which was permanently attached, fulfill the requirement of this section. Please refer to the product photos.

Type	Antenna Gain	Impedance
PCB	3.97dBi	50Ω

Result: Compliance.

RADIATED SPURIOUS EMISSION

Applicable Standard

FCC §15.205; §15.209; §15.247(d)

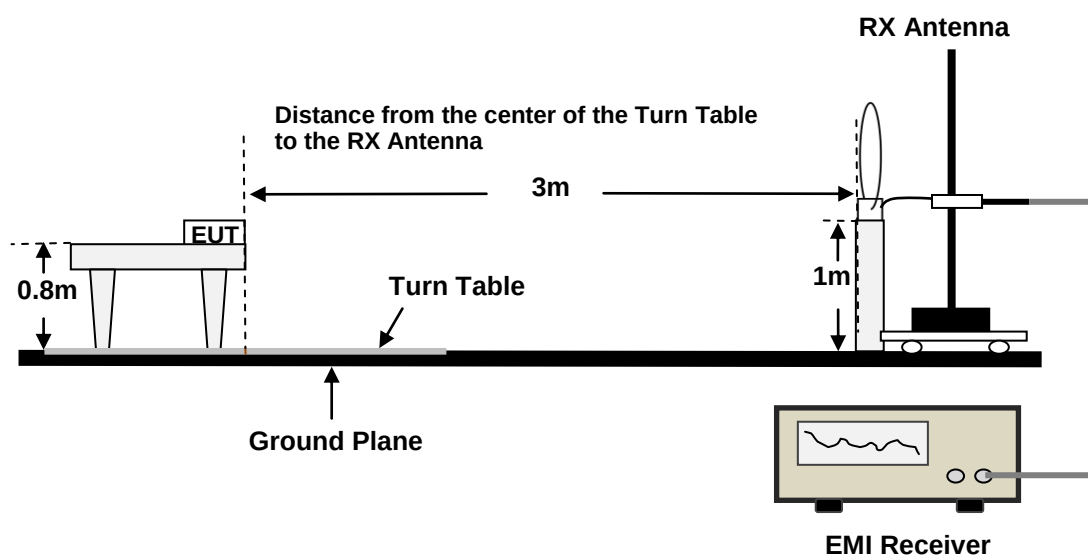
RSS-GEN § 8.10 & RSS-247 § 5.5

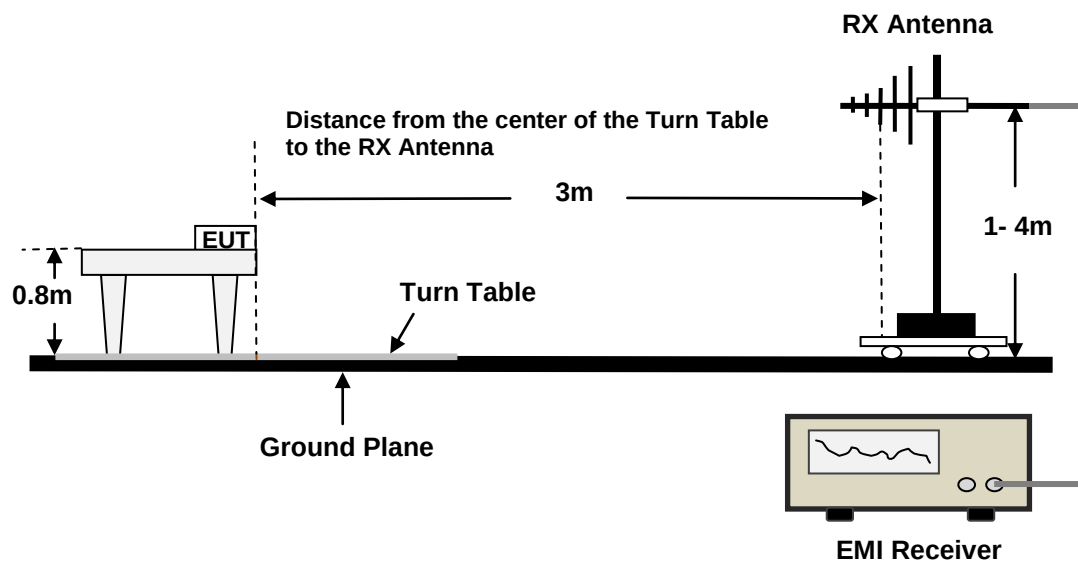
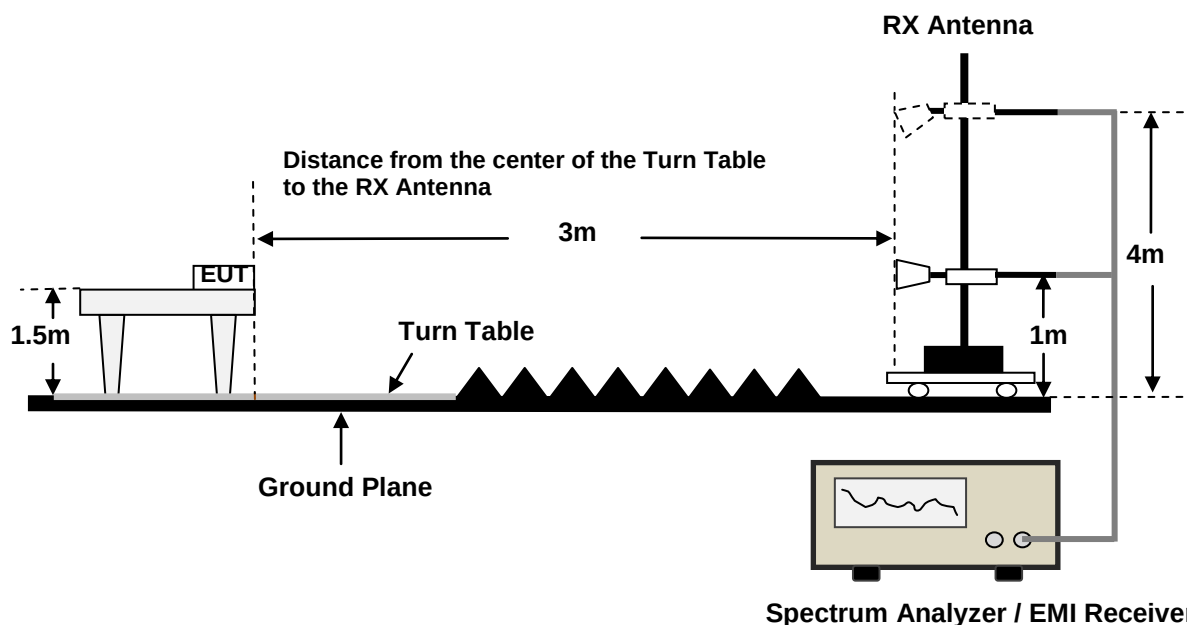
Restricted frequency bands, identified in table 7, are designated primarily for safety-of-life services (distress calling and certain aeronautical activities), certain satellite downlinks, radio astronomy and some government uses. Except where otherwise indicated, the following conditions related to the restricted frequency bands apply: (a) The transmit frequency, including fundamental components of modulation, of licence-exempt radio apparatus shall not fall within the restricted frequency bands listed in table 7 except for apparatus compliant with RSS-287, Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD). (b) Unwanted emissions that fall into restricted frequency bands listed in table 7 shall comply with the limits specified in table 5 and table 6. (c) Unwanted emissions that do not fall within the restricted frequency bands listed in table 7 shall comply either with the limits specified in the applicable RSS or with those specified in table 5 and table 6.

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

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 15.247, RSS-GEN and RSS-247 limits.

EMI Test Receiver& Spectrum Analyzer Setup

The system was investigated from 9kHz to 25GHz.

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-25GHz:

Pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	Peak	Any	1MHz	3MHz
Ave.	Peak	>98%	1MHz	3kHz/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-4GHz testing use the notch filter and the 4GHz-18GHz testing use high-pass 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 ANSI C63.10-2020,9.2: For field strength measurements made at other than the distance specified by the limit, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance).

$$E_{SpecLimit} = E_{Meas} + 20 \log \left(\frac{D_{Meas}}{D_{SpecLimit}} \right)$$

where

$E_{SpecLimit}$	is the field strength of the emission at the distance specified by the limit, in dBuV/m
E_{Meas}	is the field strength of the emission at the measurement distance, in dBuV/m
D_{Meas}	is the measurement distance, in m
$D_{SpecLimit}$	is the distance specified by the limit, in m

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:

Factor = Antenna Factor + Cable Loss - 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:

Over Limit/Margin = Level / Corrected Amplitude – Limit

Level / Corrected Amplitude = Read Level + Factor

Test Data

For Radiated Spurious Emissions, This device is installed vertically in Y-axes orientation. It was provided by applicant. The Y-axes orientation was tested and recorded in the report.

9kHz-1GHz

Environmental Conditions

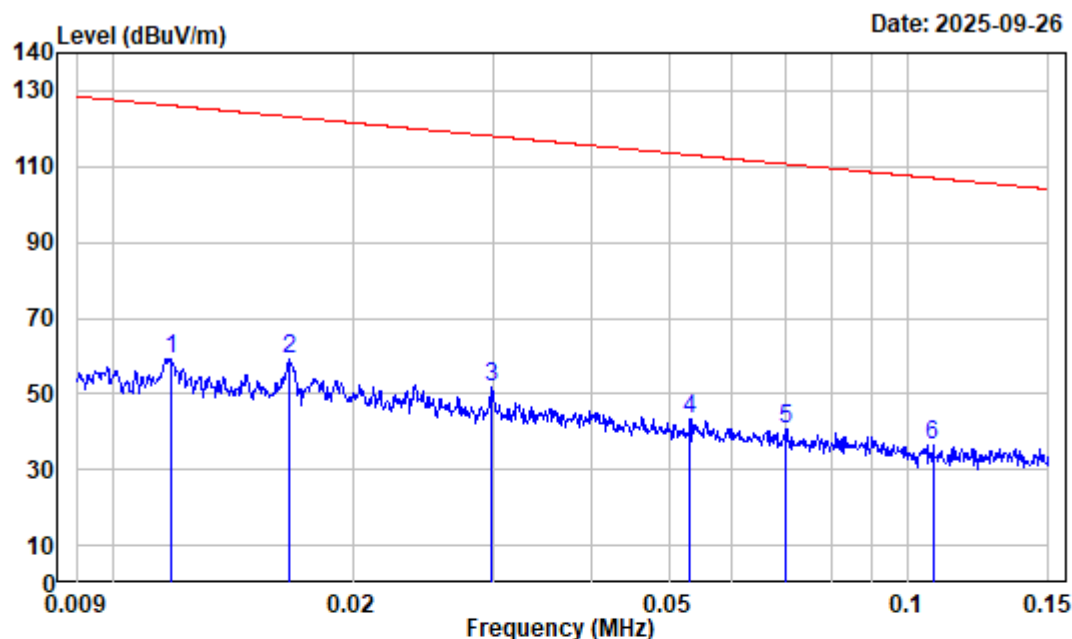
Temperature:	24.8 °C
Relative Humidity:	57 %
ATM Pressure:	100.2 kPa
Test Engineer:	Colin Lin
Test Date:	2025-09-26
EUT Operation Mode:	2.4G WIFI Transmitting

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.

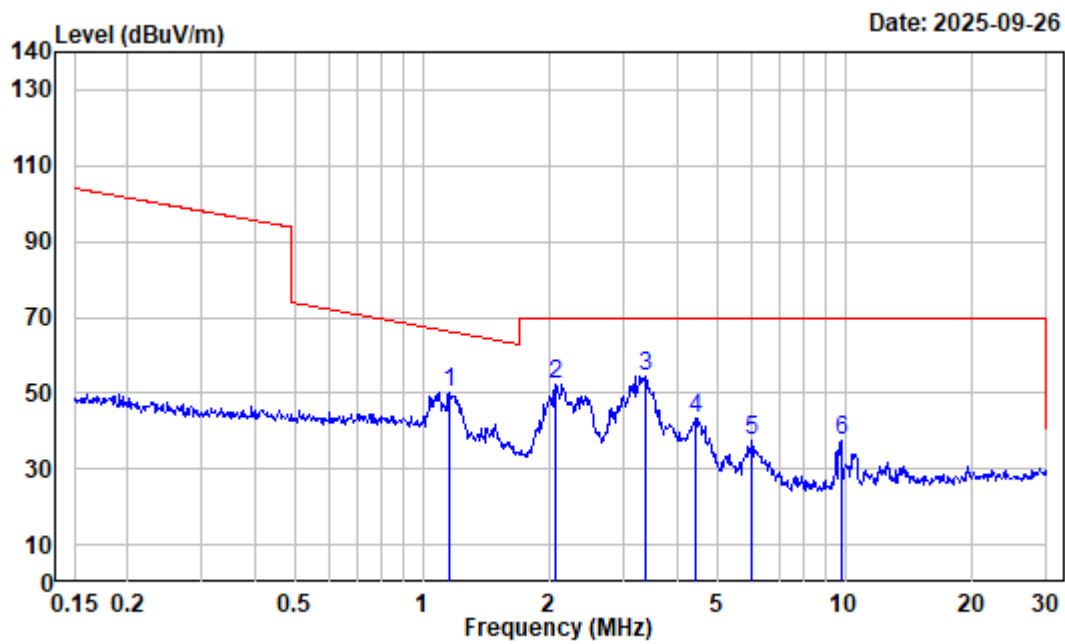
Note2: The pre-scan maximum output power mode and channel: 802.11n40 High Channel was tested.

9kHz~30MHz:



Site : Chamber
 Condition : 3m
 Job No. : 2504X03184E-RF
 Polarization : Parallel Tester: Colin Lin
 Test Mode : 2.4G 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	0.012	35.02	24.31	59.33	126.15	-66.82	Peak
2	0.017	32.87	26.16	59.03	123.17	-64.14	Peak
3	0.030	27.02	24.89	51.91	118.11	-66.20	Peak
4	0.053	22.36	21.20	43.56	113.10	-69.54	Peak
5	0.070	19.93	20.80	40.73	110.68	-69.95	Peak
6	0.107	16.10	20.53	36.63	106.99	-70.36	Peak



Site : Chamber

Condition : 3m

Job No. : 2504X03184E-RF

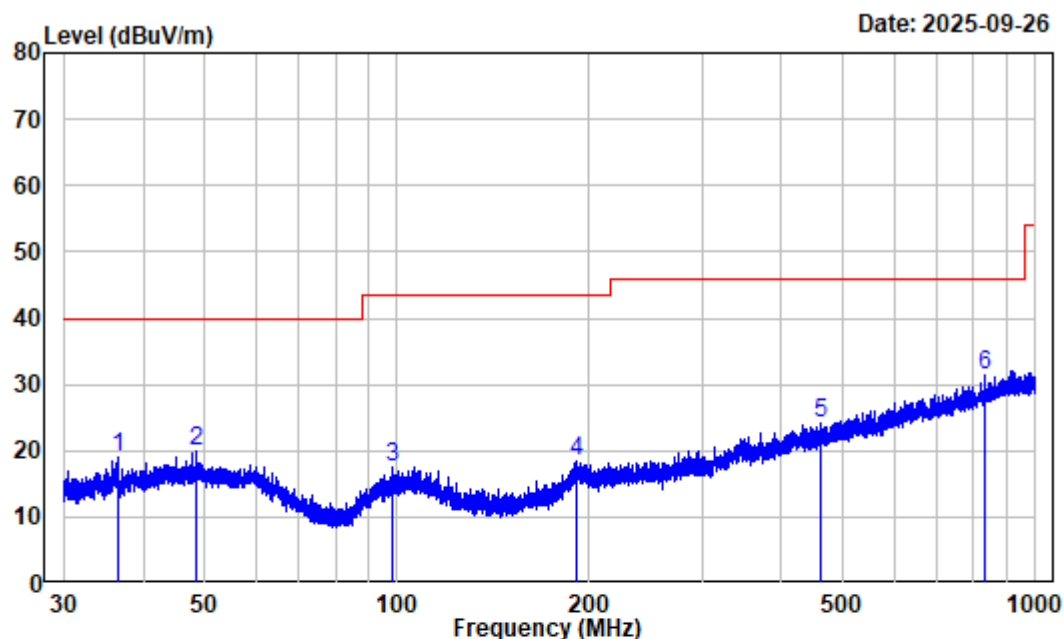
Polarization : Parallel Tester: Colin Lin

Test Mode : 2.4G WIFI Transmitting

Receiver Setting: RBW:10kHz VBW:30kHz

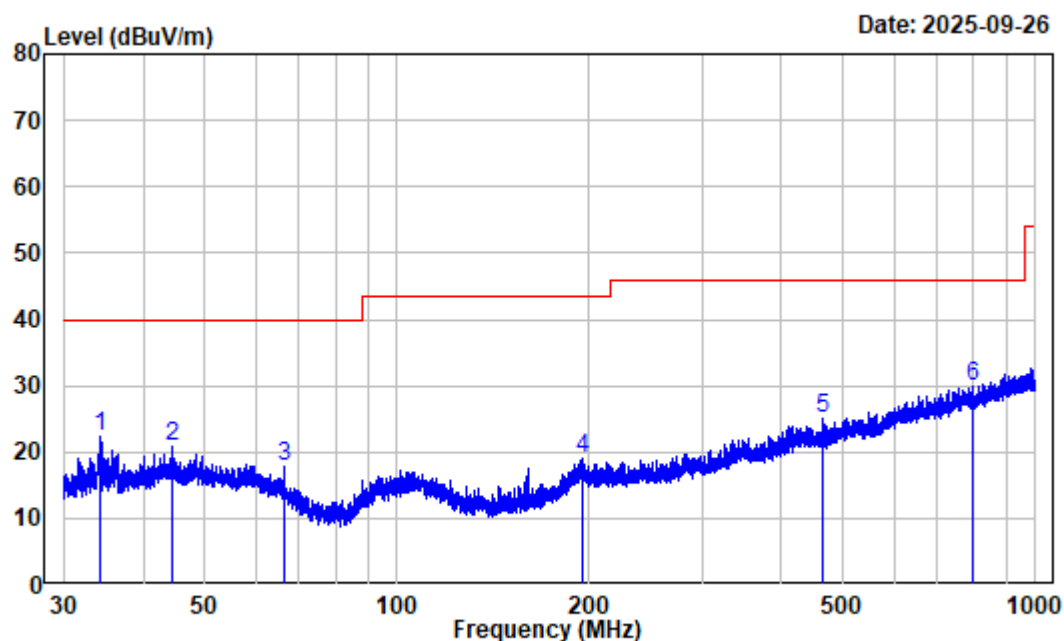
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1.153	-2.37	52.81	50.44	66.21	-15.77	Peak
2	2.066	-5.41	57.80	52.39	69.54	-17.15	Peak
3	3.381	-6.01	60.68	54.67	69.54	-14.87	Peak
4	4.454	-6.30	49.74	43.44	69.54	-26.10	Peak
5	6.024	-6.22	43.68	37.46	69.54	-32.08	Peak
6	9.809	-5.38	43.11	37.73	69.54	-31.81	Peak

30MHz~1GHz:



Site : Chamber
 Condition : 3m HORIZONTAL
 Job No. : 2504X03184E-RF Tester: Colin Lin
 Test Mode : 2.4G WIFI Transmitting
 Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36.445	-11.36	30.39	19.03	40.00	-20.97	Peak
2	48.502	-9.83	29.88	20.05	40.00	-19.95	Peak
3	98.573	-11.62	29.12	17.50	43.50	-26.00	Peak
4	190.906	-10.29	28.85	18.56	43.50	-24.94	Peak
5	460.525	-4.74	28.83	24.09	46.00	-21.91	Peak
6	833.682	0.71	30.54	31.25	46.00	-14.75	Peak



Site : Chamber
 Condition : 3m VERTICAL
 Job No. : 2504X03184E-RF Tester: Colin Lin
 Test Mode : 2.4G WIFI Transmitting
 Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	34.276	-11.72	34.01	22.29	40.00	-17.71	Peak
2	44.548	-9.86	30.59	20.73	40.00	-19.27	Peak
3	66.645	-13.14	31.05	17.91	40.00	-22.09	Peak
4	194.880	-9.86	28.86	19.00	43.50	-24.50	Peak
5	463.157	-4.70	29.89	25.19	46.00	-20.81	Peak
6	795.485	0.24	29.52	29.76	46.00	-16.24	Peak

1GHz-25GHz

Environmental Conditions

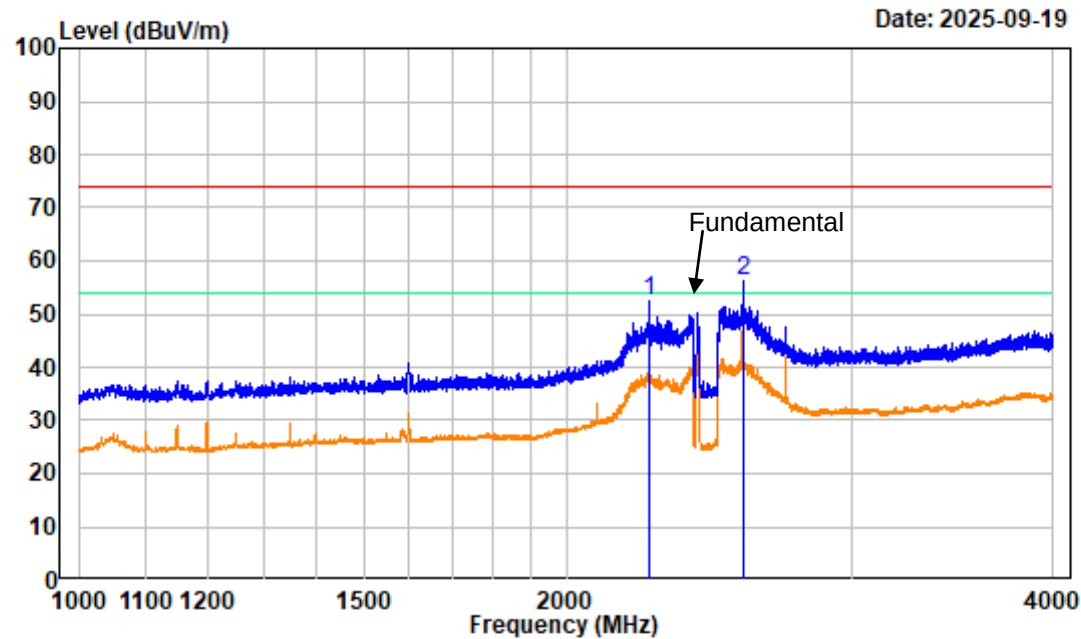
Temperature:	24.9 to 26.9 °C
Relative Humidity:	55 to 59 %
ATM Pressure:	100.2 to 100.7 kPa
Test Engineer:	Lorne Huang & Kevin Lv
Test Date:	2025-09-19 to 2025-10-12
EUT Operation Mode:	Transmitting

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

Note 1: For 1GHz-4GHz, the fundamental with band reject filter.

Note 2: For 18GHz-25GHz, the pre-scan maximum output power mode and channel: 802.11n40 High Channel was tested.

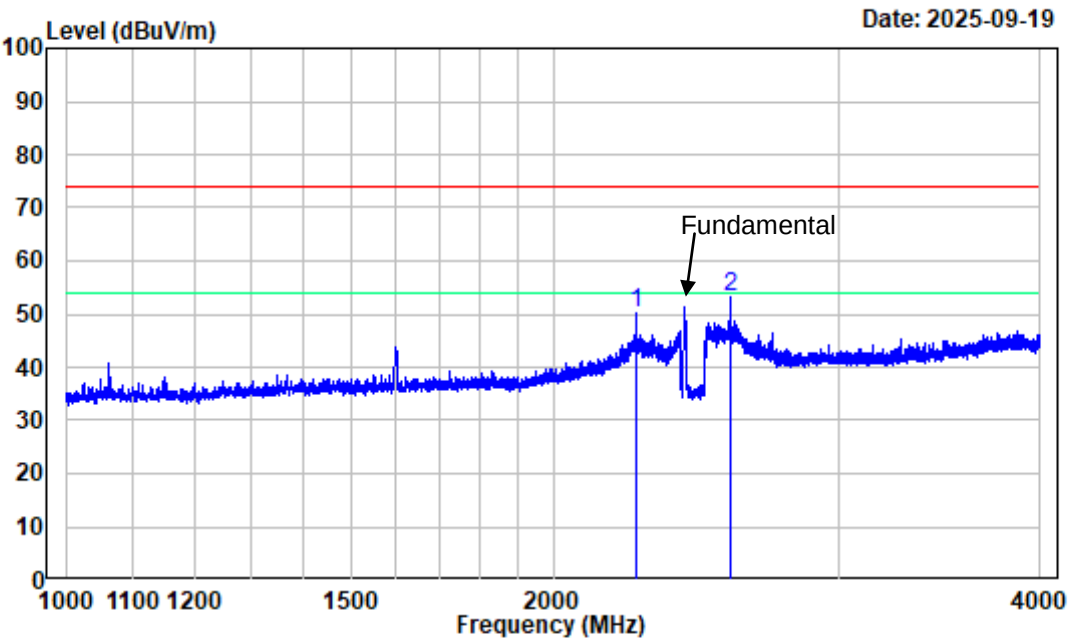
802.11b Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Low Channel 2412MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.500	-10.15	62.44	52.29	74.00	-21.71 Peak
2	2572.375	-9.90	66.09	56.19	74.00	-17.81 Peak

802.11b Low Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

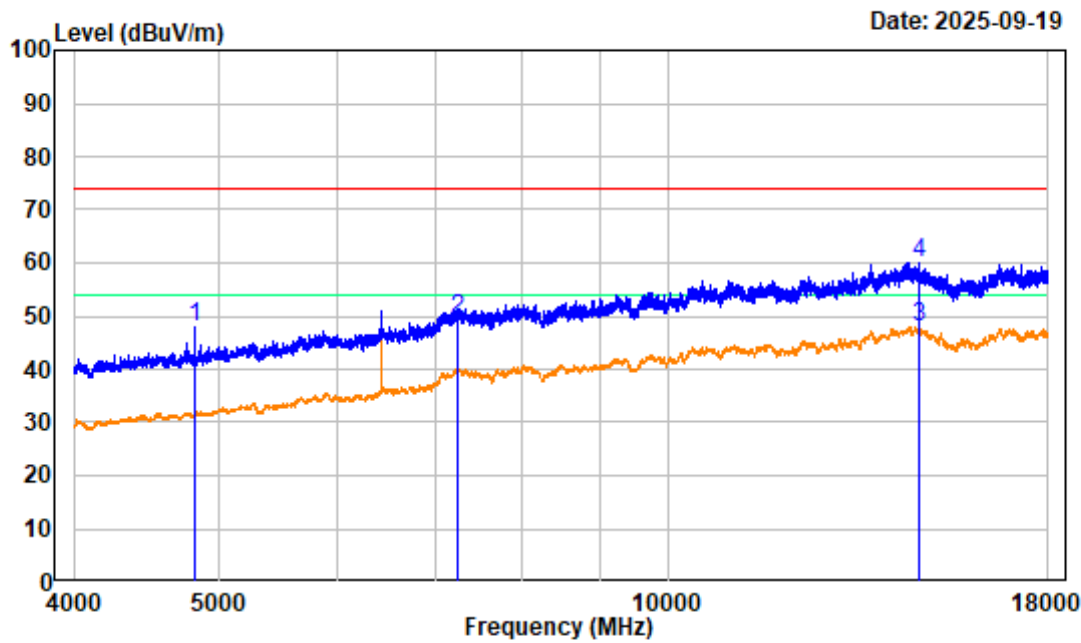
Tester:Lorne Huang

Note : 802.11B Low Channel 2412MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.500	-10.15	60.27	50.12	74.00	-23.88 Peak
2	2572.375	-9.90	63.22	53.32	74.00	-20.68 Peak

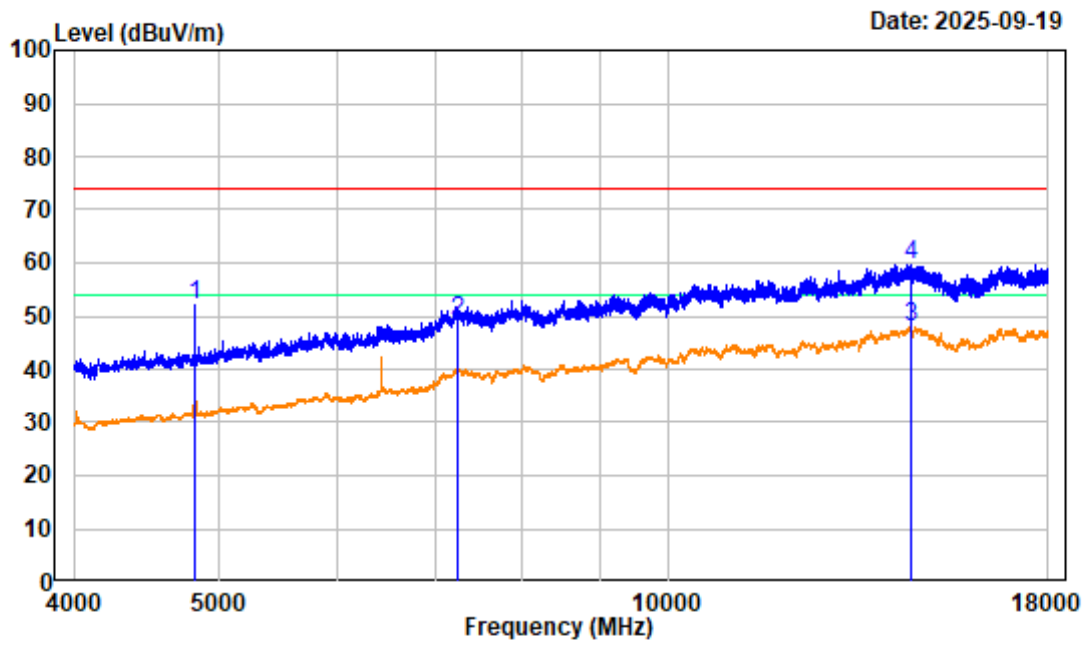
802.11b Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	54.43	47.79	74.00	-26.21 peak
2	7236.000	-1.32	50.82	49.50	74.00	-24.50 peak
3	14741.500	8.07	39.78	47.85	54.00	-6.15 Average
4	14741.500	8.07	52.00	60.07	74.00	-13.93 Peak

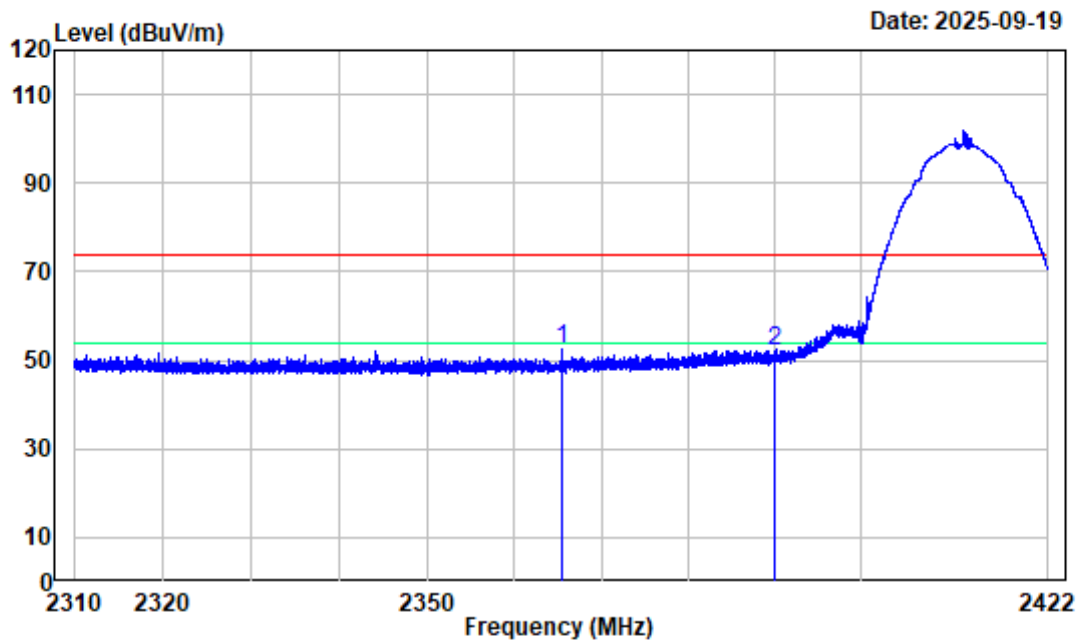
802.11b Low Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	58.73	52.09	74.00	-21.91 peak
2	7236.000	-1.32	50.37	49.05	74.00	-24.95 peak
3	14549.000	9.06	38.71	47.77	54.00	-6.23 Average
4	14549.000	9.06	50.67	59.73	74.00	-14.27 Peak

802.11b Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

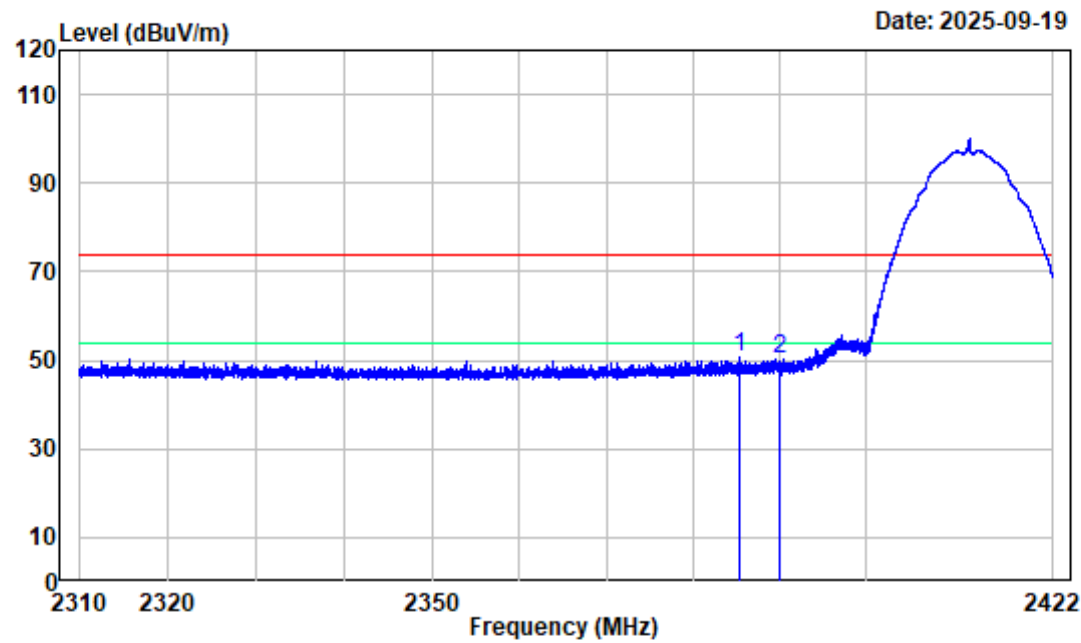
Tester:Lorne Huang

Note : 802.11B Low Channel 2412MHz 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	2365.426	-10.16	62.59	52.43	74.00	-21.57 Peak
2	2390.000	-10.25	62.33	52.08	74.00	-21.92 peak

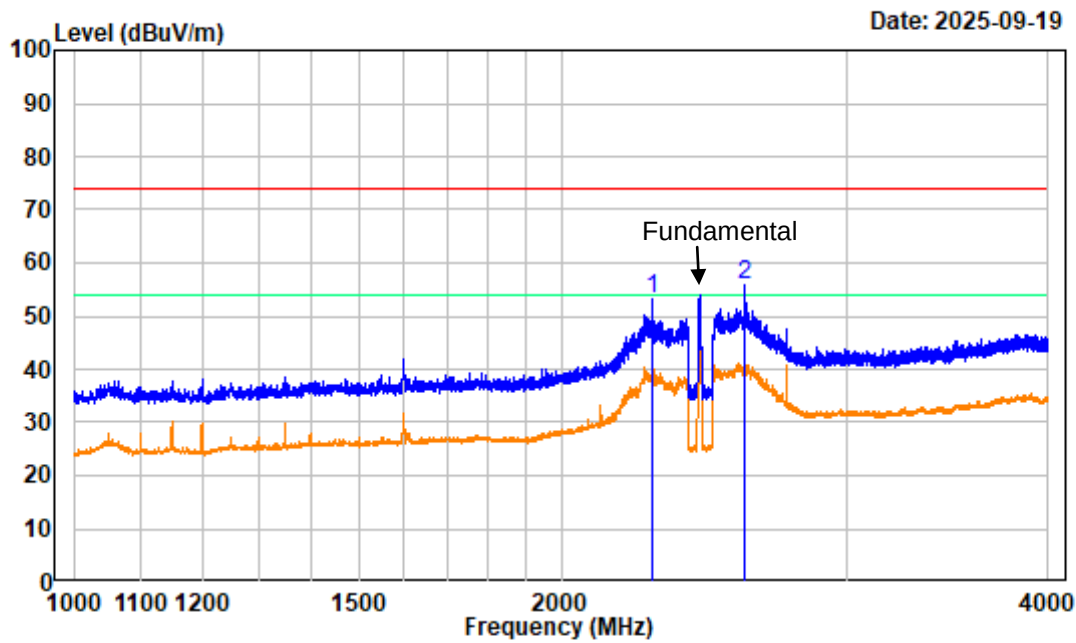
802.11b Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Low Channel 2412MHz 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	2385.292	-10.23	60.75	50.52	74.00	-23.48 Peak
2	2390.000	-10.25	60.35	50.10	74.00	-23.90 peak

802.11b Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

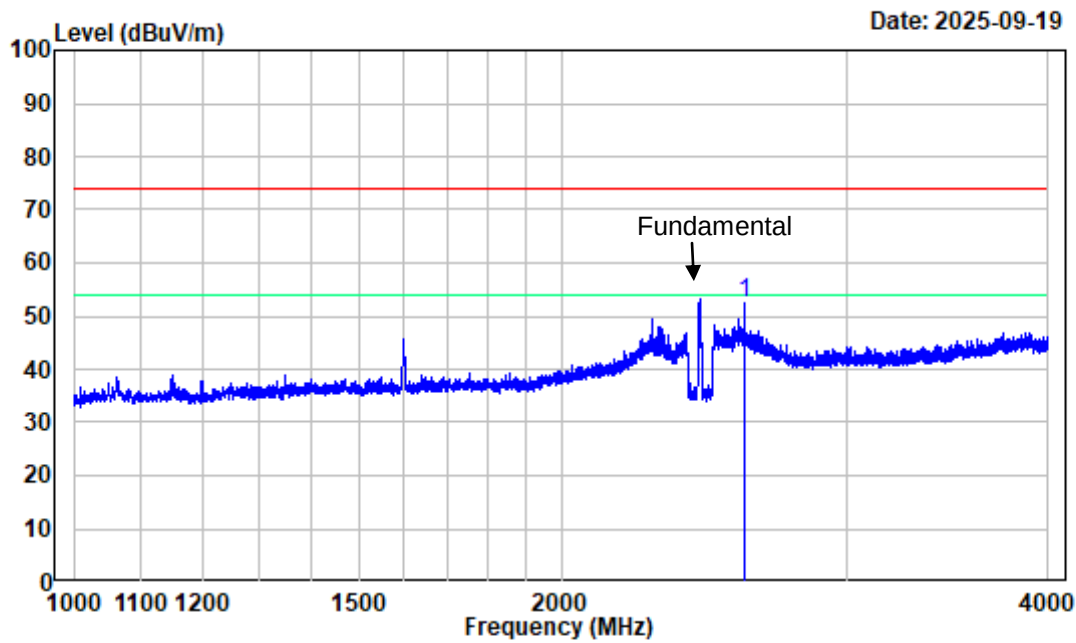
Tester:Lorne Huang

Note : 802.11B Middle Channel 2437MHz 1GHz-4GHz

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

Freq		Factor	Read Level	Level	Limit Line	Over Limit	Remark
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2276.875	-9.99	63.38	53.39	74.00	-20.61	Peak
2	2597.125	-9.70	65.58	55.88	74.00	-18.12	Peak

802.11b Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

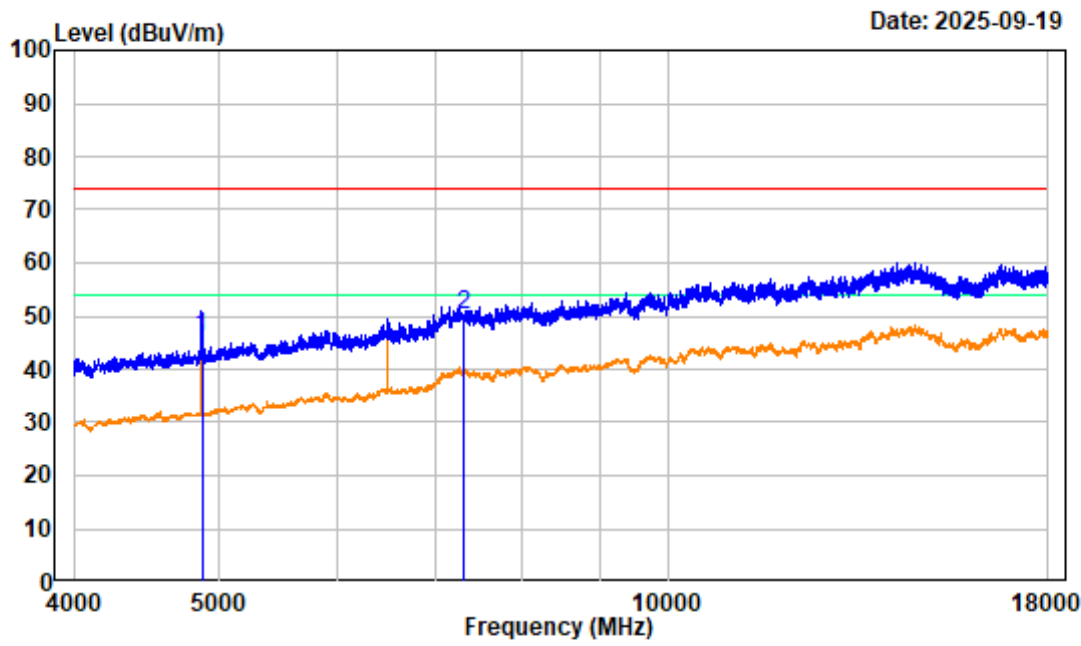
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11B Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2597.500	-9.70	62.17	52.47	74.00	-21.53 Peak

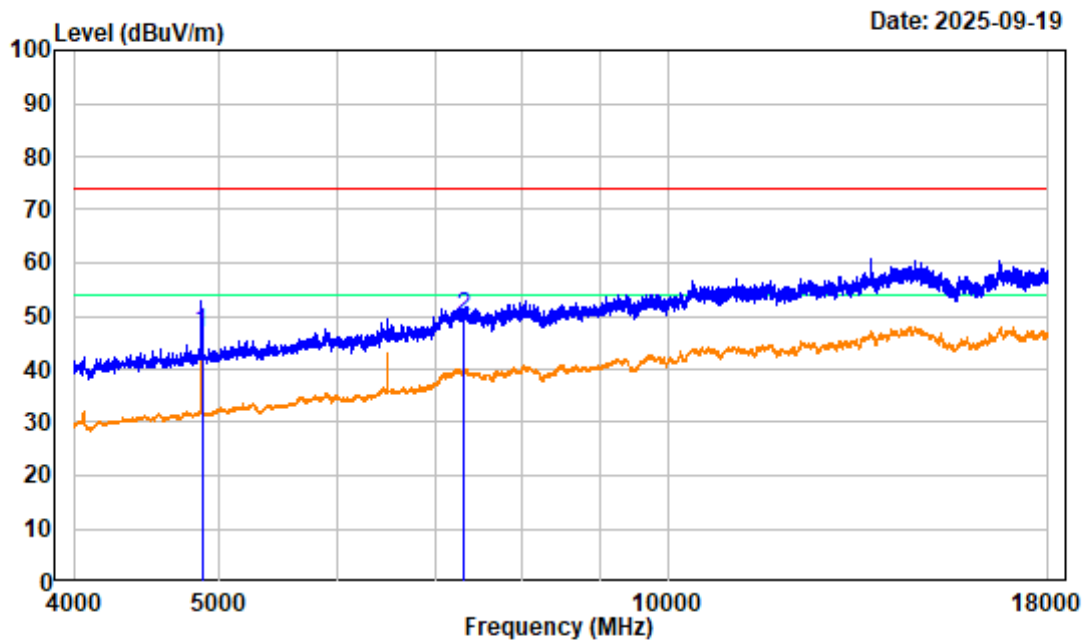
802.11b Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Middle Channel 2437MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	52.52	45.94	74.00	-28.06 peak
2	7311.000	-1.12	51.46	50.34	74.00	-23.66 peak

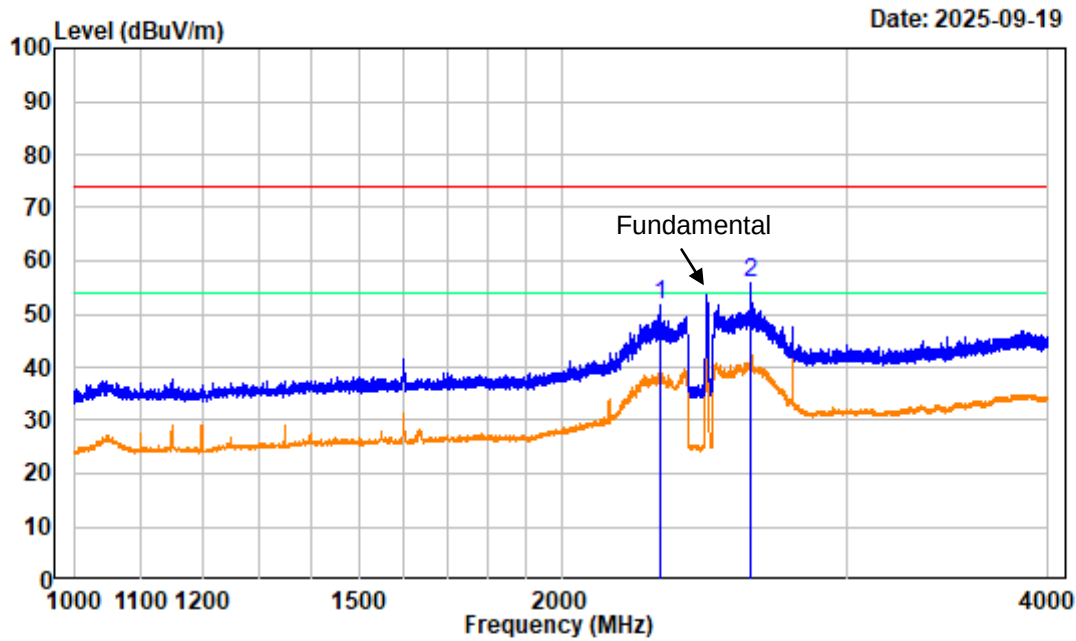
802.11b Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B Middle Channel 2437MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	53.19	46.61	74.00	-27.39 peak
2	7311.000	-1.12	50.87	49.75	74.00	-24.25 peak

802.11b High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

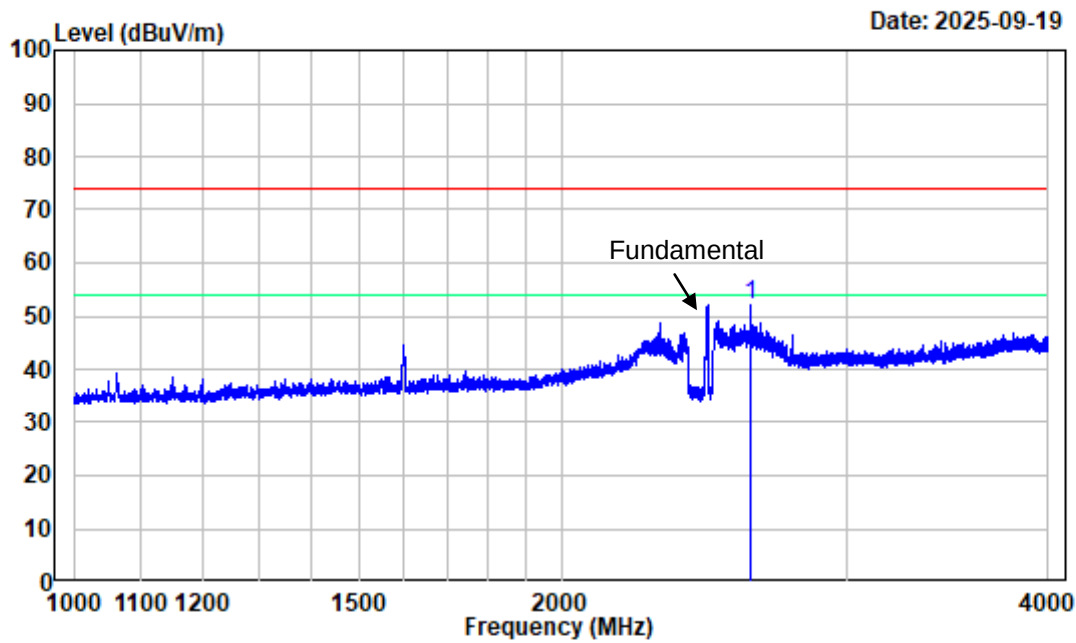
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11B High Channel 2462MHz 1GHz-4GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2302.375	-9.84	61.37	51.53	74.00	-22.47 Peak
2	2622.625	-9.99	65.68	55.69	74.00	-18.31 Peak

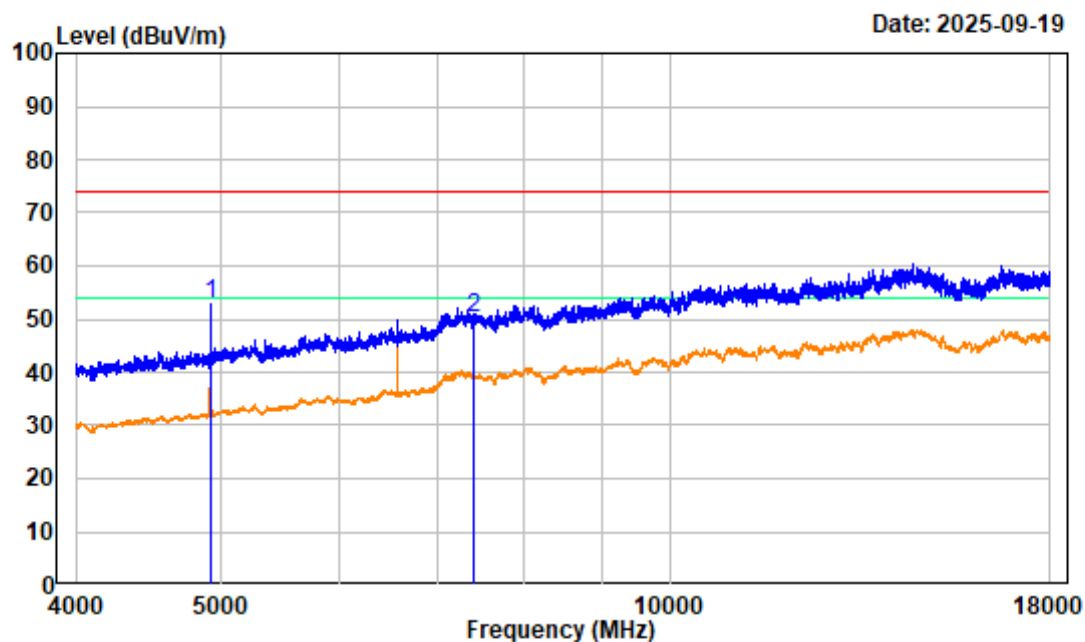
802.11b High Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B High Channel 2462MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2621.875	-9.98	61.89	51.91	74.00	-22.09 Peak

802.11b High Channel 4GHz-18GHz_HORTZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

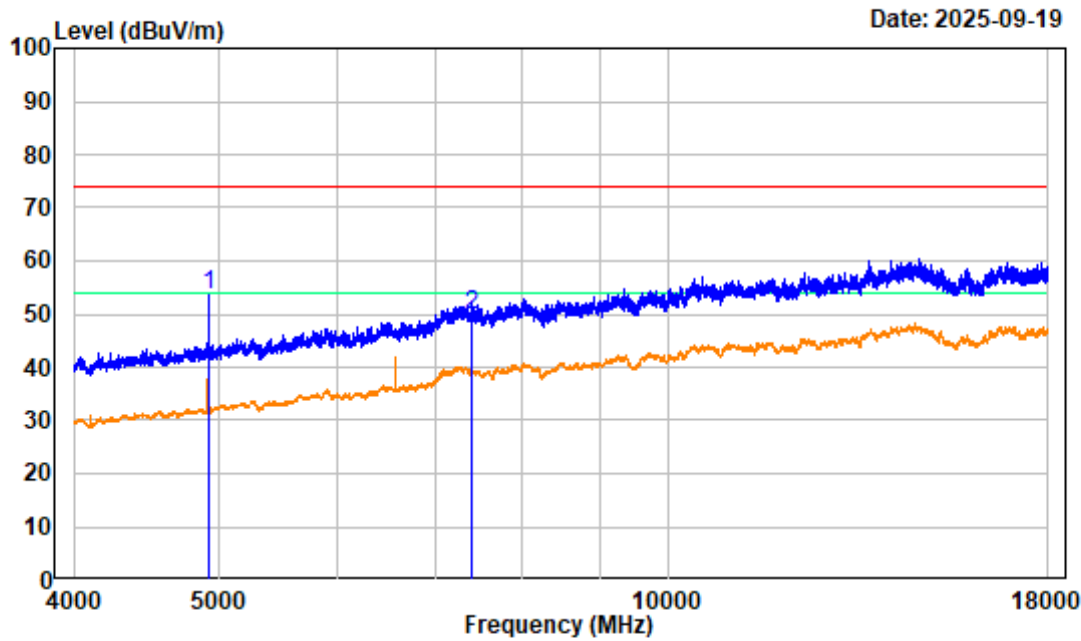
Tester: Lorne Huang

Note : 802.11B High Channel 2462MHz 4GHz-18GHz

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

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	59.27	52.79	74.00	-21.21	peak
2	7386.000	-1.31	51.53	50.22	74.00	-23.78	peak

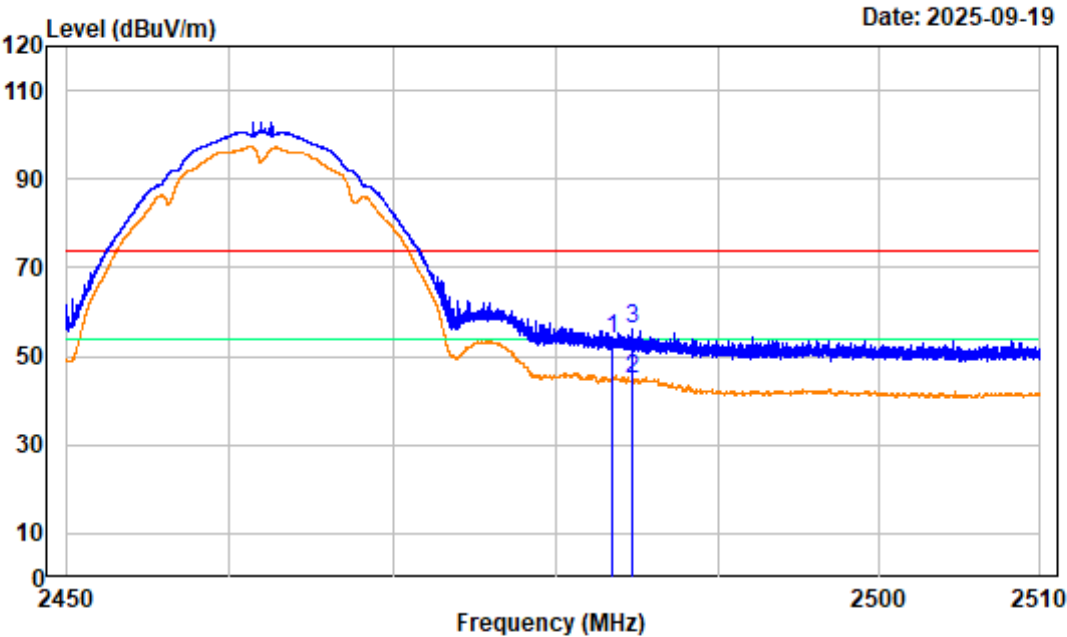
802.11b High Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B High Channel 2462MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	60.13	53.65	74.00	-20.35 peak
2	7386.000	-1.31	51.27	49.96	74.00	-24.04 peak

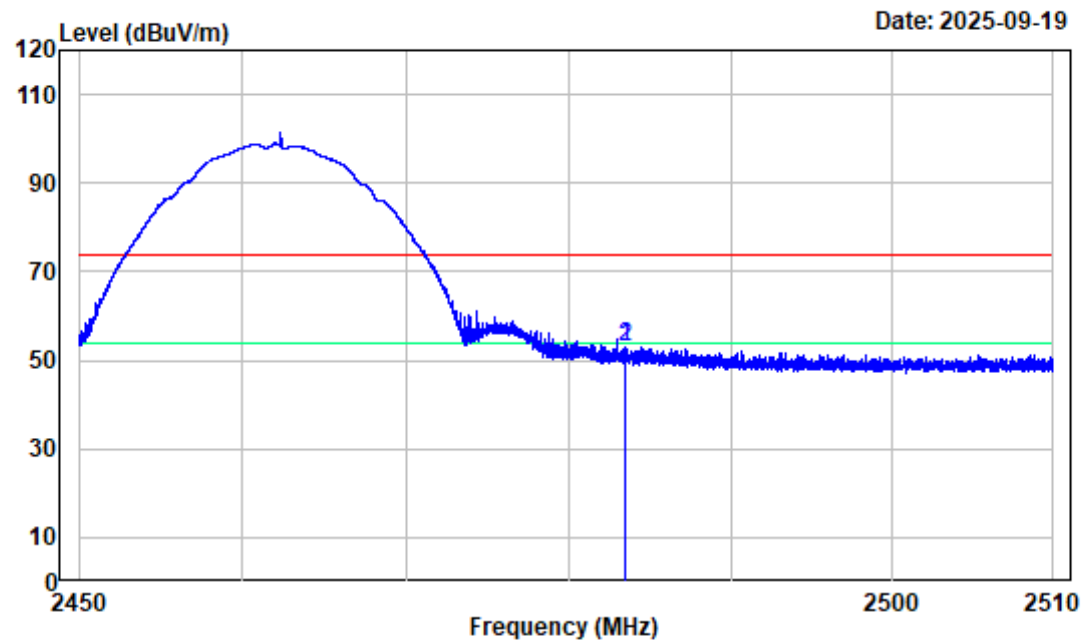
802.11b High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11B High Channel 2462MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	64.22	53.99	74.00	-20.01 peak
2	2484.702	-10.23	55.21	44.98	54.00	-9.02 Average
3	2484.702	-10.23	66.50	56.27	74.00	-17.73 Peak

802.11b High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

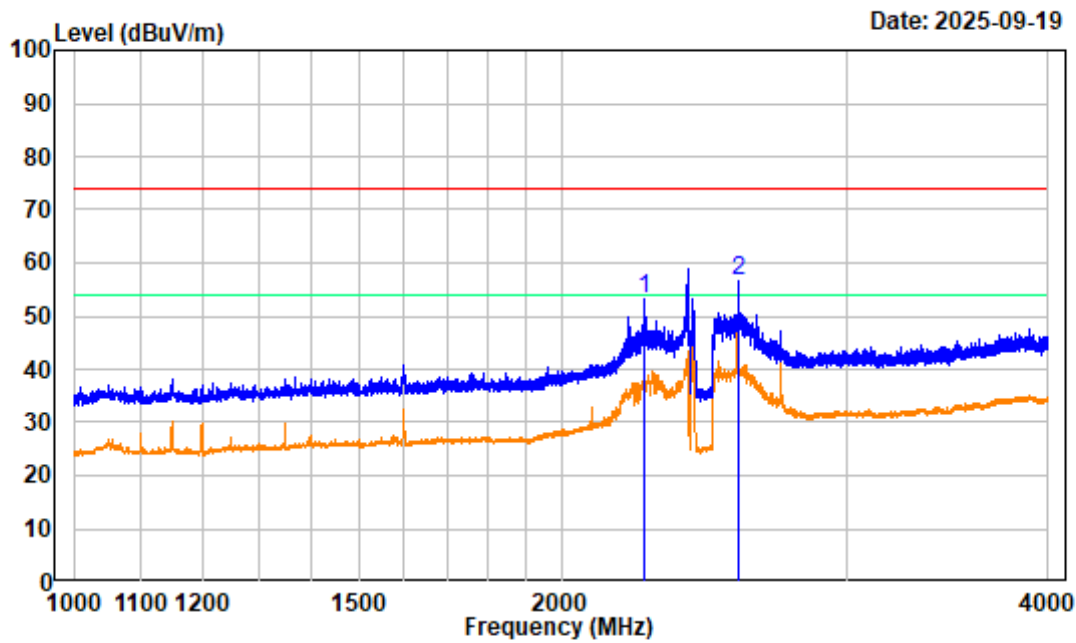
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11B High Channel 2462MHz 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	2483.500	-10.23	63.03	52.80	74.00	-21.20 peak
2	2483.518	-10.23	63.15	52.92	74.00	-21.08 Peak

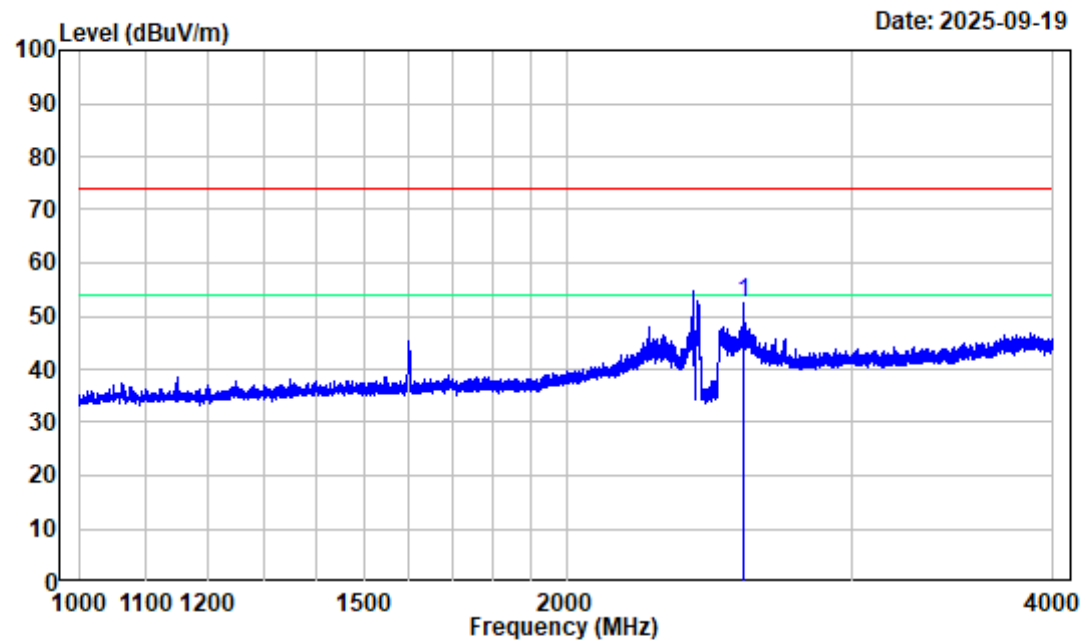
802.11G Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Low Channel 2412MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.125	-10.15	63.30	53.15	74.00	-20.85 Peak
2	2572.375	-9.90	66.48	56.58	74.00	-17.42 Peak

802.11G Low Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

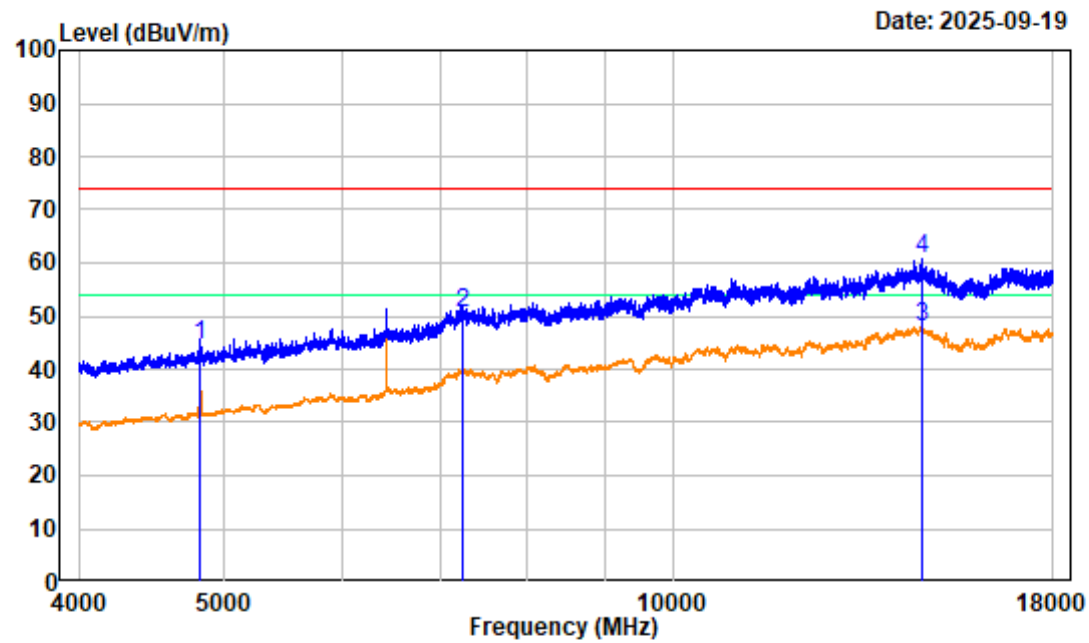
Tester:Lorne Huang

Note : 802.11G Low Channel 2412MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2572.375	-9.90	62.44	52.54	74.00	-21.46 Peak

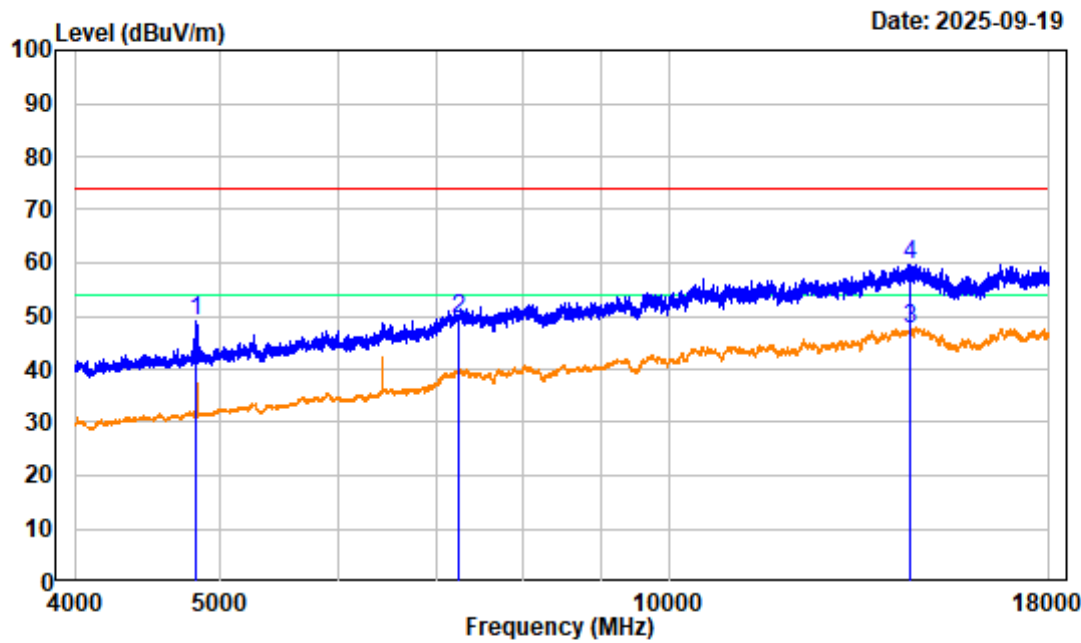
802.11G Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 4824.000	-6.64	51.27	44.63	74.00	-29.37	peak
2 7236.000	-1.32	51.81	50.49	74.00	-23.51	peak
3 14683.750	8.33	39.53	47.86	54.00	-6.14	Average
4 14683.750	8.33	52.40	60.73	74.00	-13.27	Peak

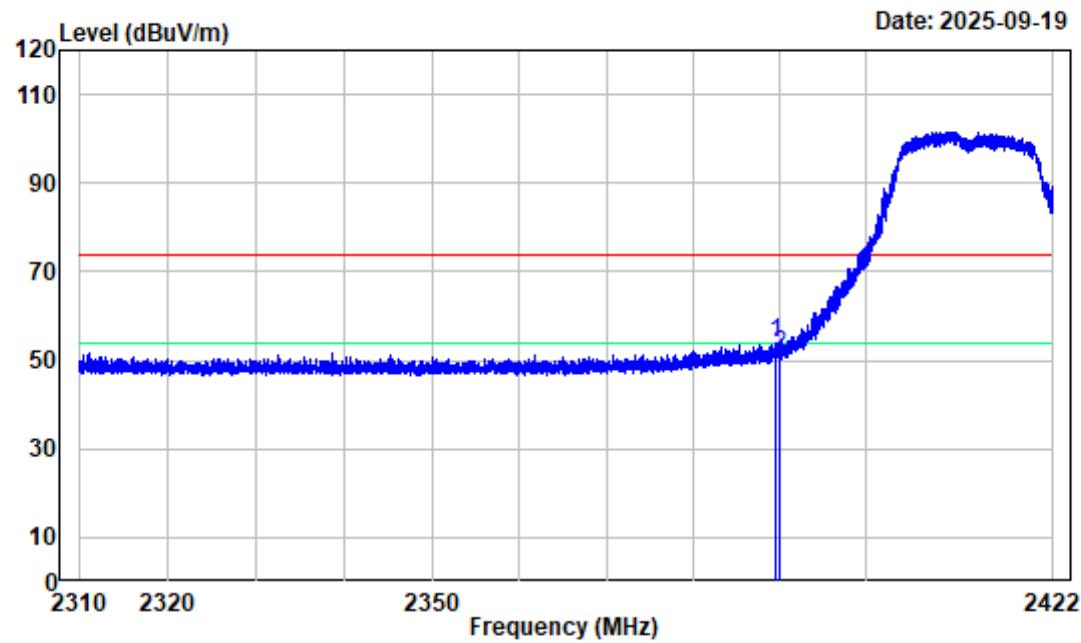
802.11G Low Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4819.000	-6.64	55.82	49.18	74.00	-24.82 Peak
2	7236.000	-1.32	50.93	49.61	74.00	-24.39 peak
3	14535.000	8.84	38.78	47.62	54.00	-6.38 Average
4	14535.000	8.84	50.93	59.77	74.00	-14.23 Peak

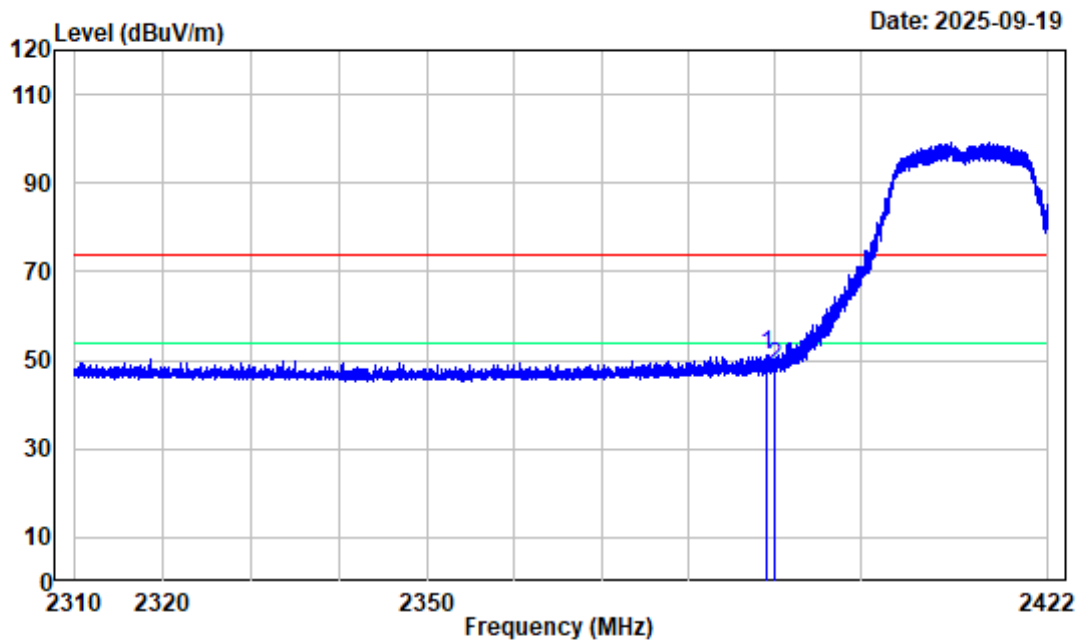
802.11G Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Low Channel 2412MHz 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	2389.548	-10.25	64.07	53.82	74.00	-20.18 Peak
2	2390.000	-10.25	61.63	51.38	74.00	-22.62 Peak

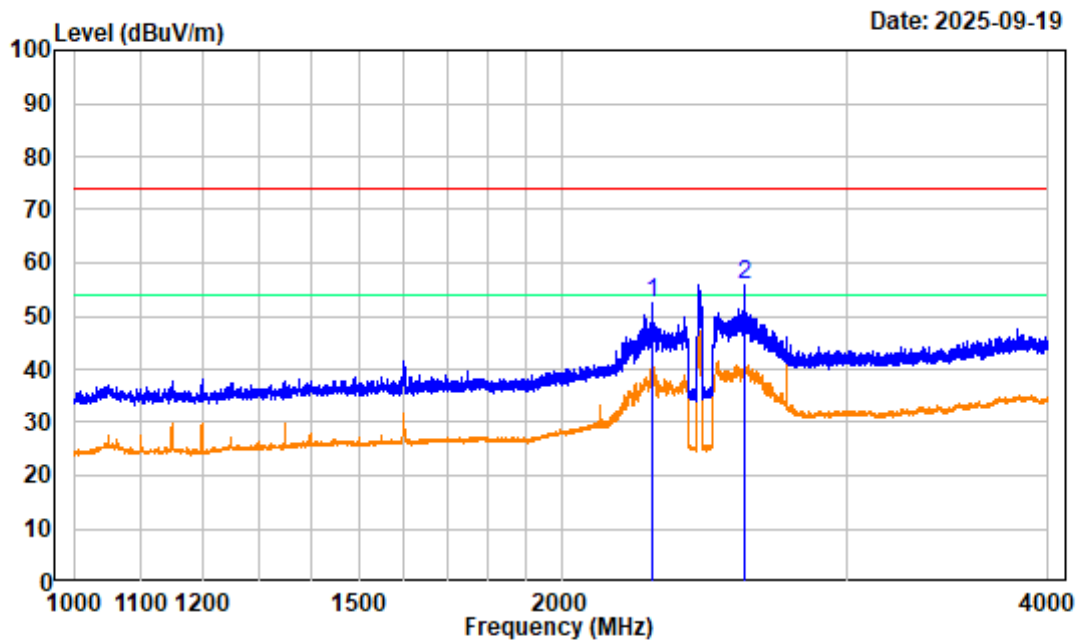
802.11G Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Low Channel 2412MHz 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	2389.212	-10.25	61.49	51.24	74.00	-22.76 Peak
2	2390.000	-10.25	58.72	48.47	74.00	-25.53 Peak

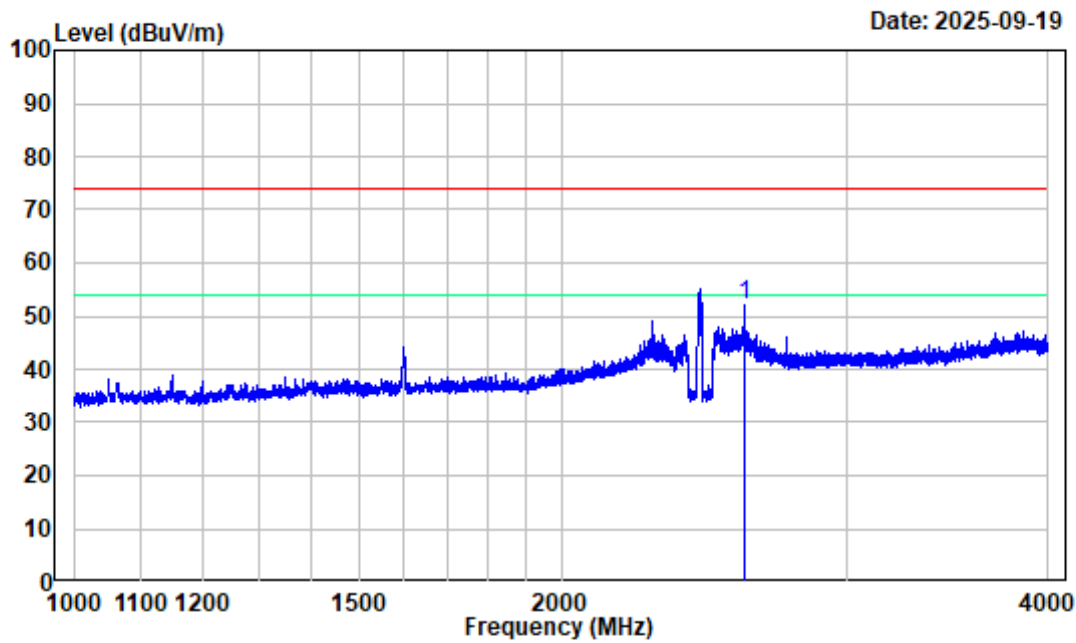
802.11G Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G Middle Channel 2437MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2277.250	-9.99	62.41	52.42	74.00	-21.58 Peak
2	2597.500	-9.70	65.44	55.74	74.00	-18.26 Peak

802.11G Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

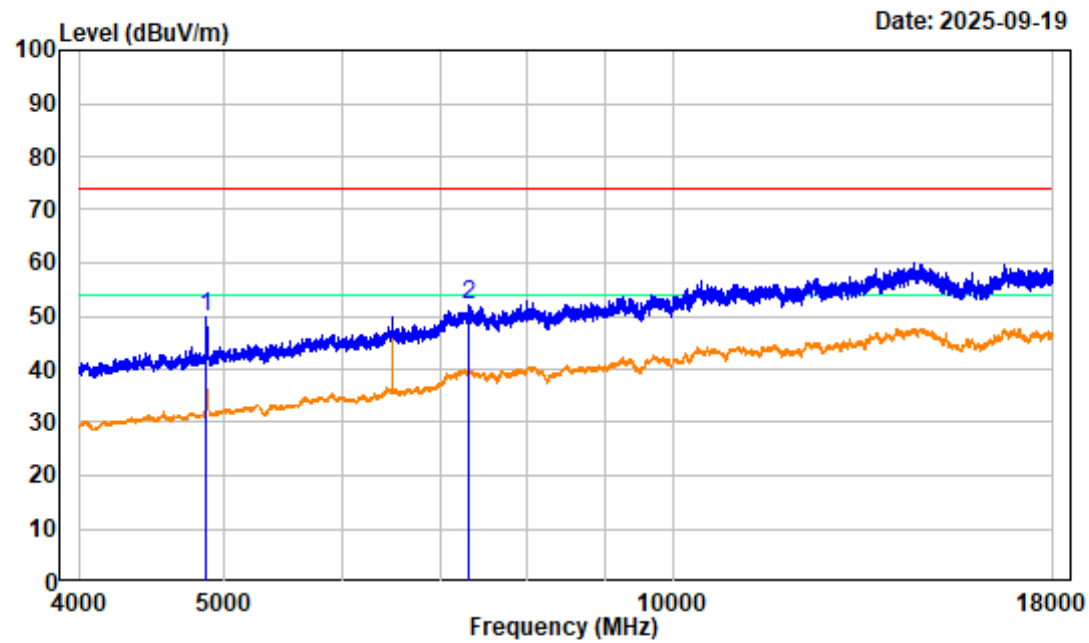
Tester:Lorne Huang

Note : 802.11G Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2597.875	-9.70	61.76	52.06	74.00	-21.94 Peak

802.11G Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

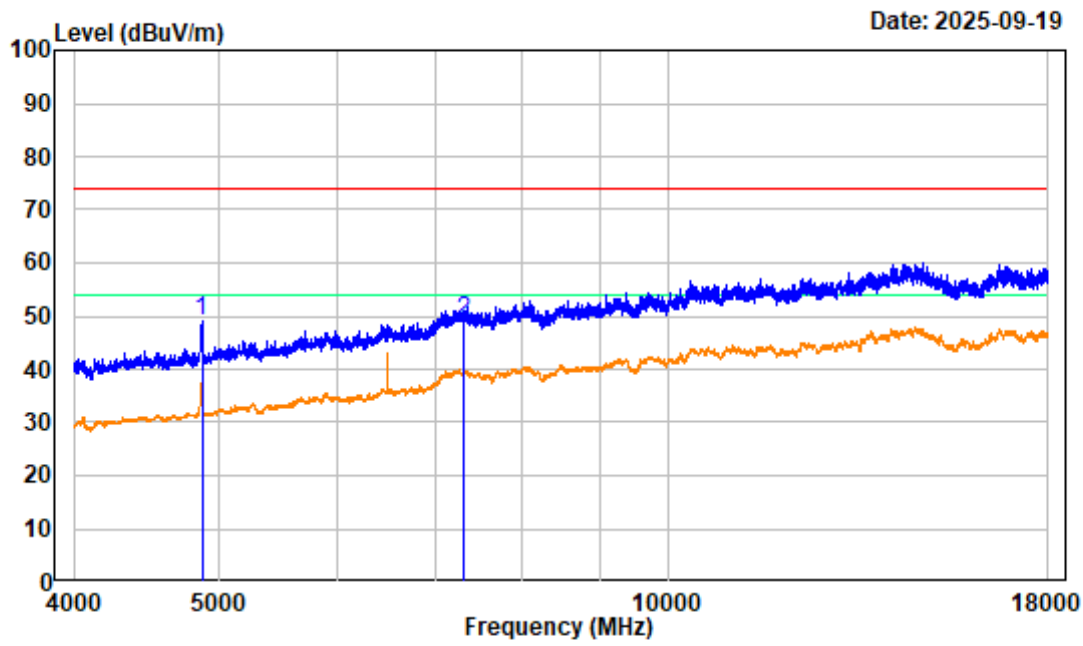
Tester:Lorne Huang

Note : 802.11G Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	4873.250	-6.59	56.45	49.86	74.00	-24.14 Peak
2	7311.000	-1.12	53.13	52.01	74.00	-21.99 peak

802.11G Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

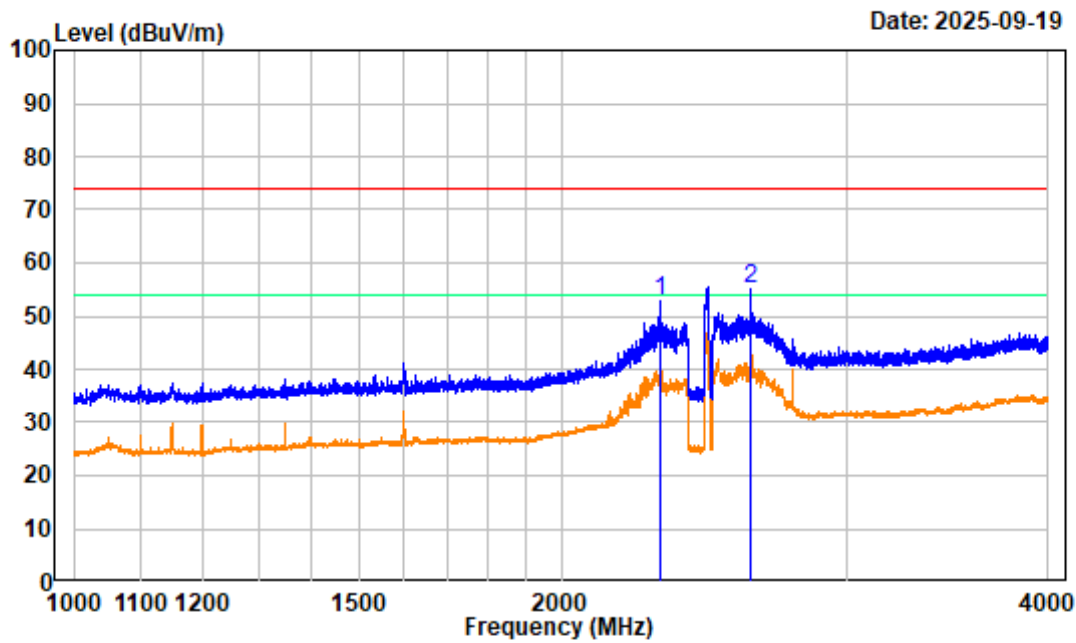
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11G Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	55.76	49.18	74.00	-24.82 peak
2	7311.000	-1.12	50.16	49.04	74.00	-24.96 peak

802.11G High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

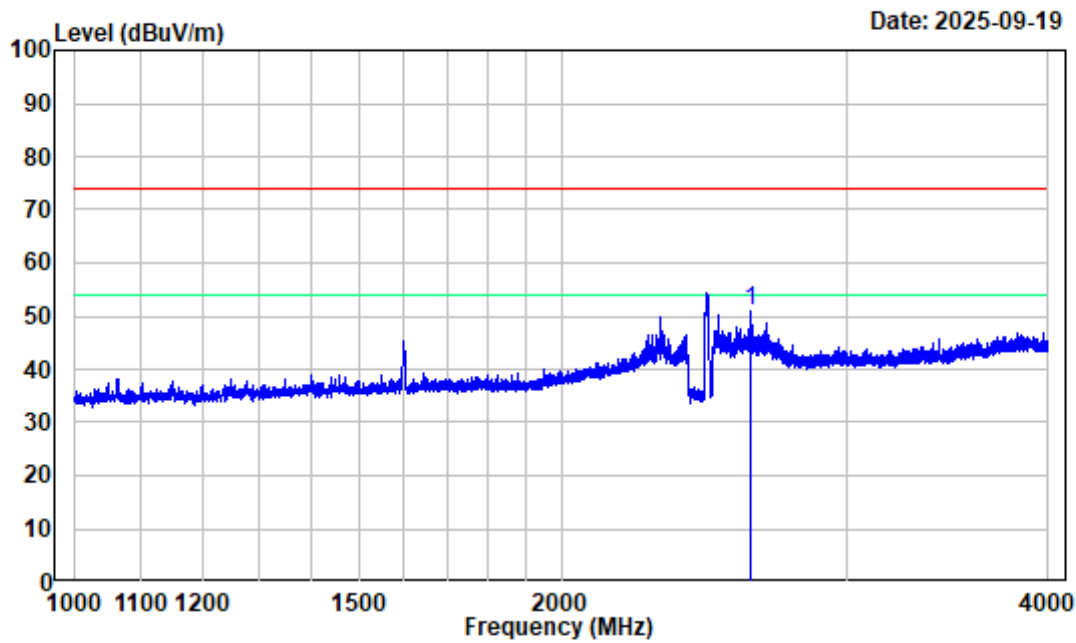
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11G High Channel 2462MHz 1GHz-4GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2302.000	-9.84	62.54	52.70	74.00	-21.30 Peak
2	2622.250	-9.98	65.08	55.10	74.00	-18.90 Peak

802.11G High Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

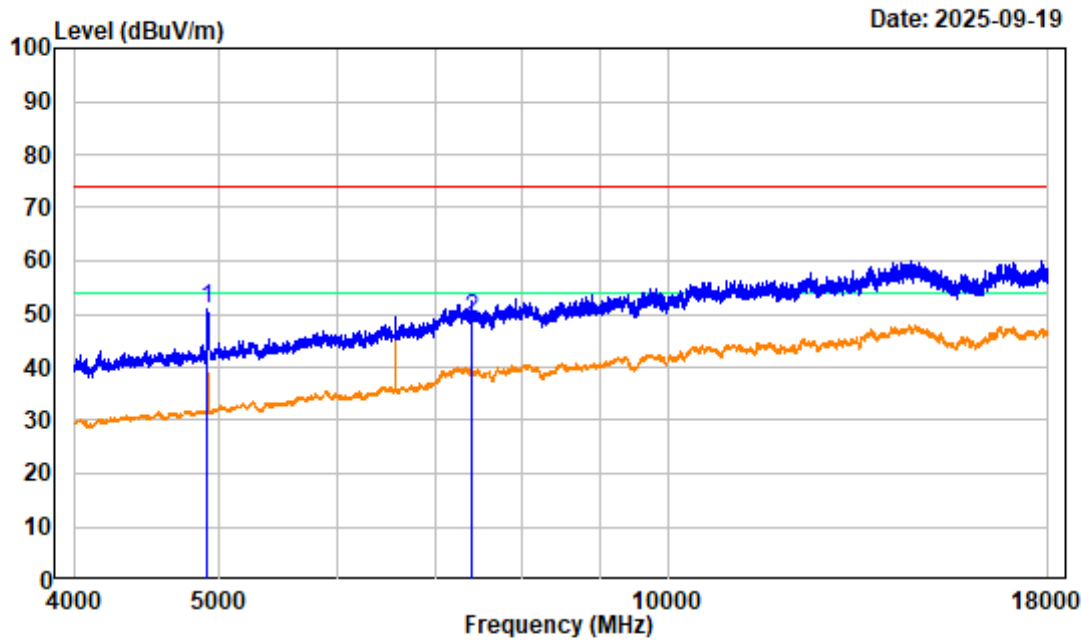
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11G High Channel 2462MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2622.625	-9.99	60.92	50.93	74.00	-23.07 Peak

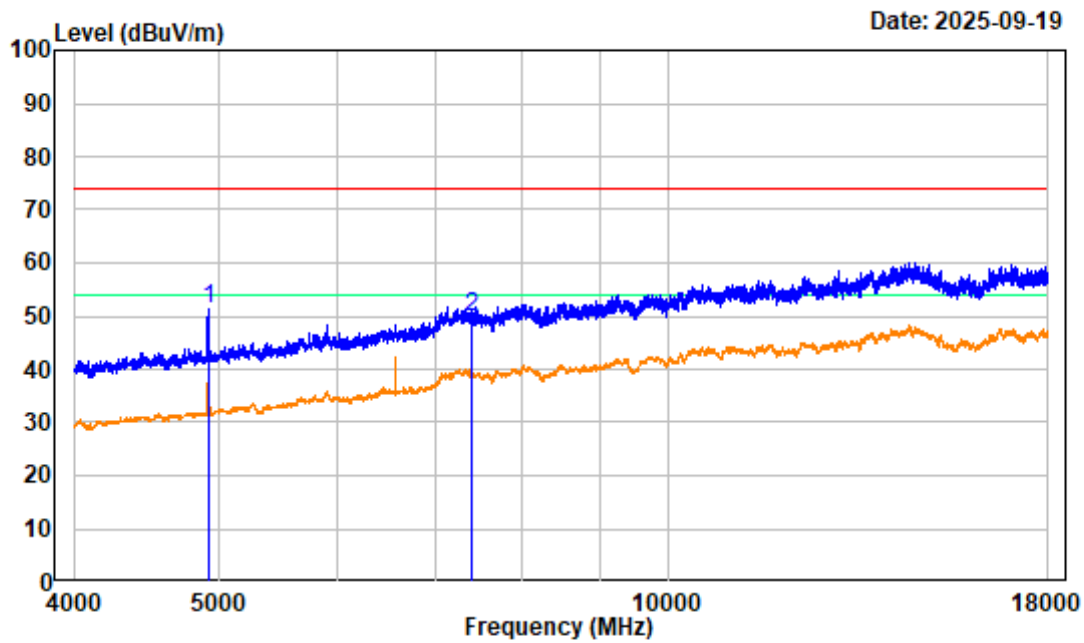
802.11G High Channel 4GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G High Channel 2462MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4918.750	-6.48	57.30	50.82	74.00	-23.18 Peak
2	7386.000	-1.31	50.34	49.03	74.00	-24.97 peak

802.11G High Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

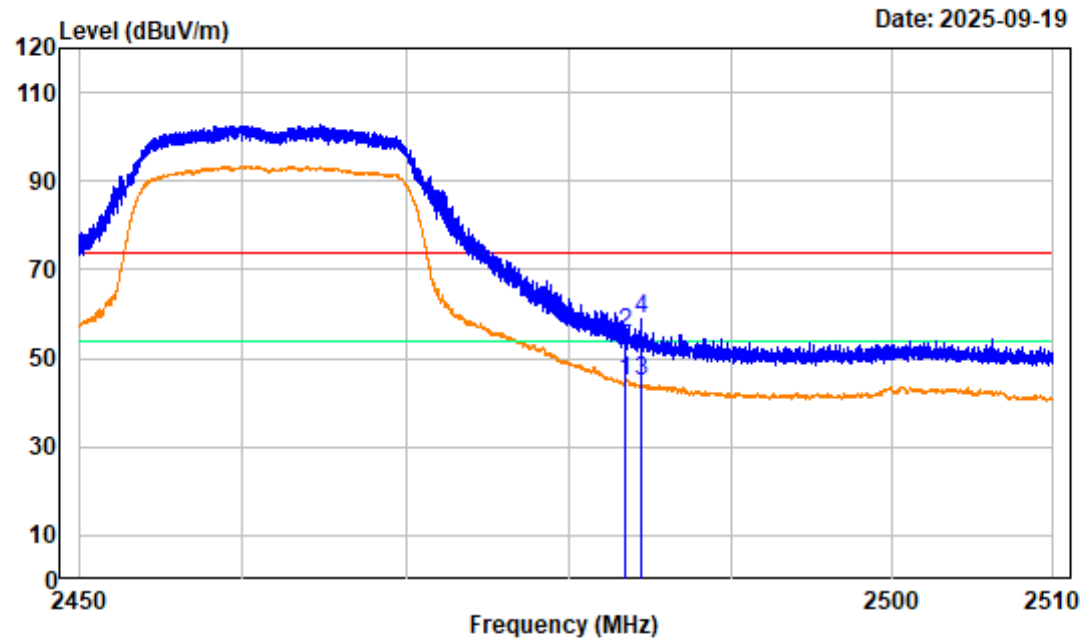
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11G High Channel 2462MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	57.78	51.30	74.00	-22.70 peak
2	7386.000	-1.31	51.14	49.83	74.00	-24.17 peak

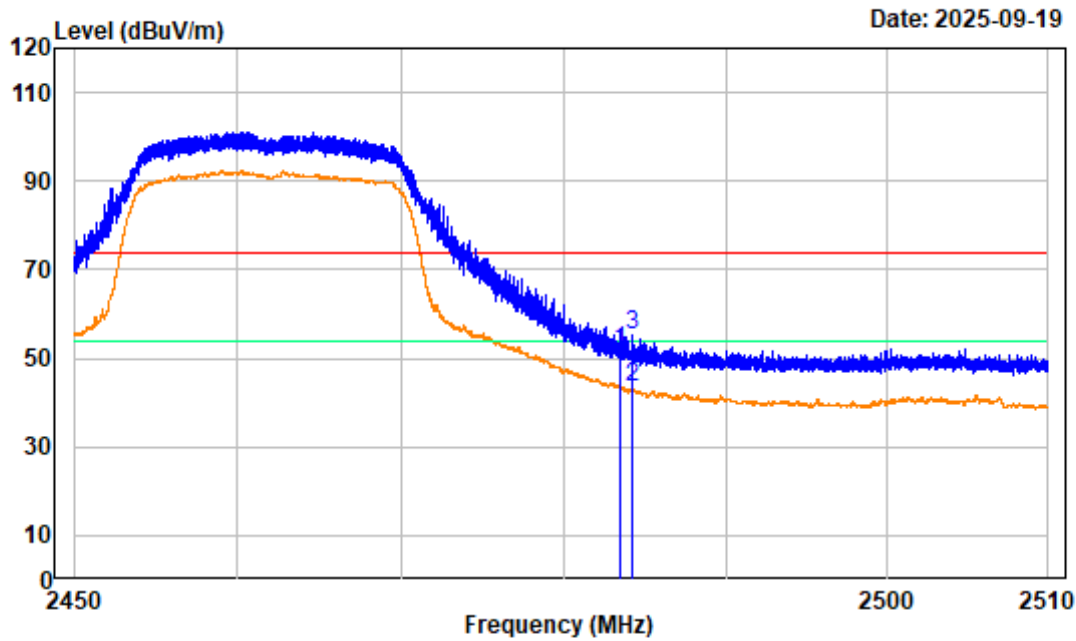
802.11G High Channel Bandedge_HORTZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G High Channel 2462MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	55.22	44.99	54.00	-9.01 average
2	2483.500	-10.23	65.86	55.63	74.00	-18.37 peak
3	2484.485	-10.23	55.11	44.88	54.00	-9.12 Average
4	2484.485	-10.23	68.98	58.75	74.00	-15.25 Peak

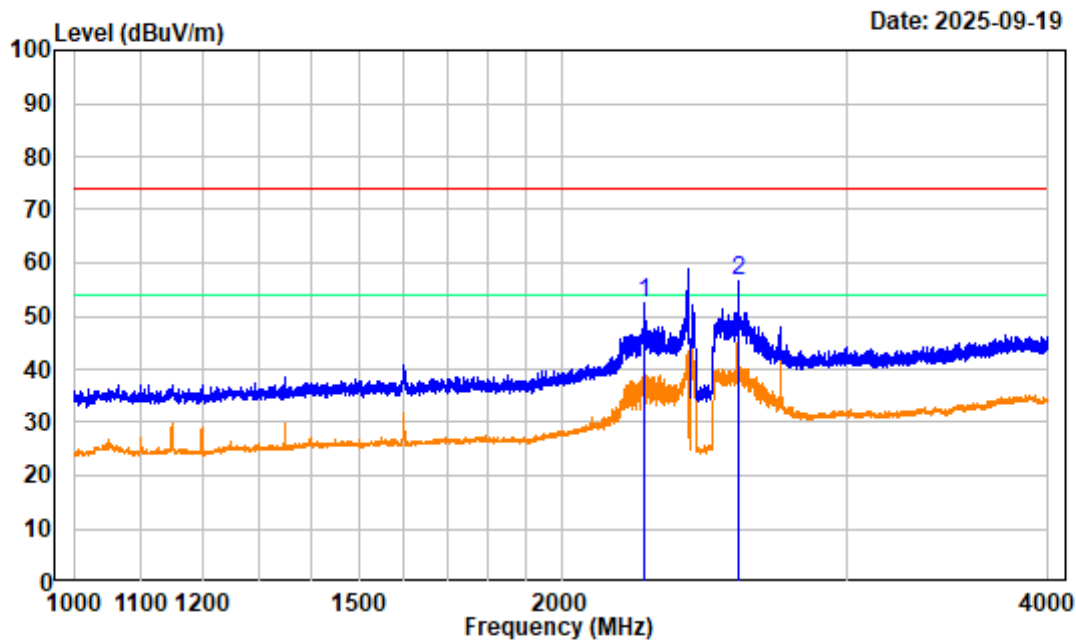
802.11G High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11G High Channel 2462MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	61.75	51.52	74.00	-22.48 peak
2	2484.215	-10.23	53.60	43.37	54.00	-10.63 Average
3	2484.215	-10.23	65.69	55.46	74.00	-18.54 Peak

802.11N20 Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

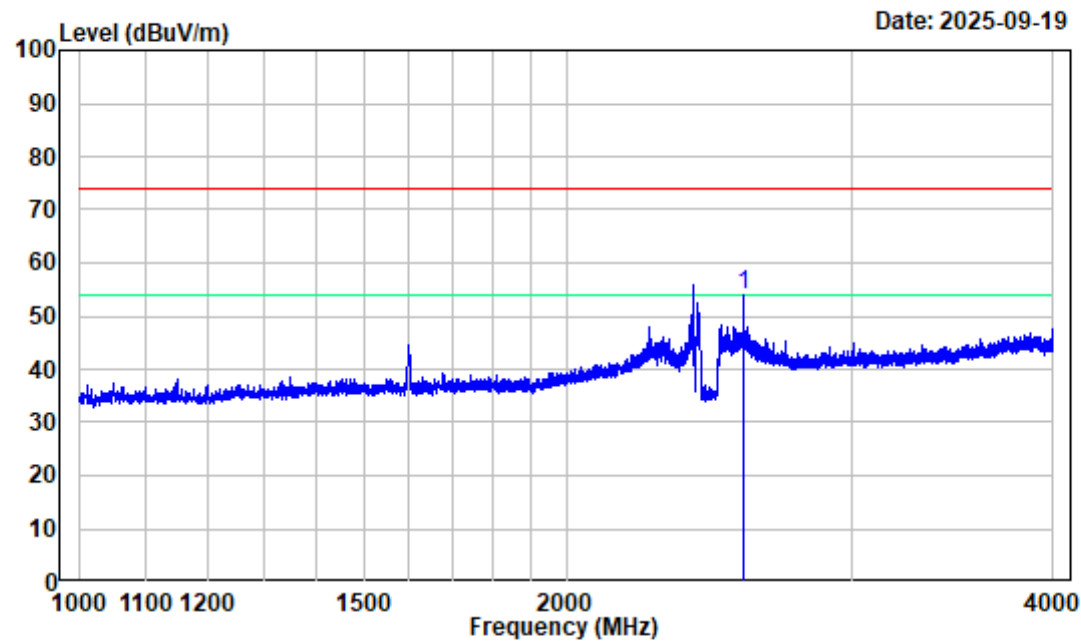
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N20 Low Channel 2412MHz 1GHz-4GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.125	-10.15	62.57	52.42	74.00	-21.58 Peak
2	2572.375	-9.90	66.47	56.57	74.00	-17.43 Peak

802.11N20 Low Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

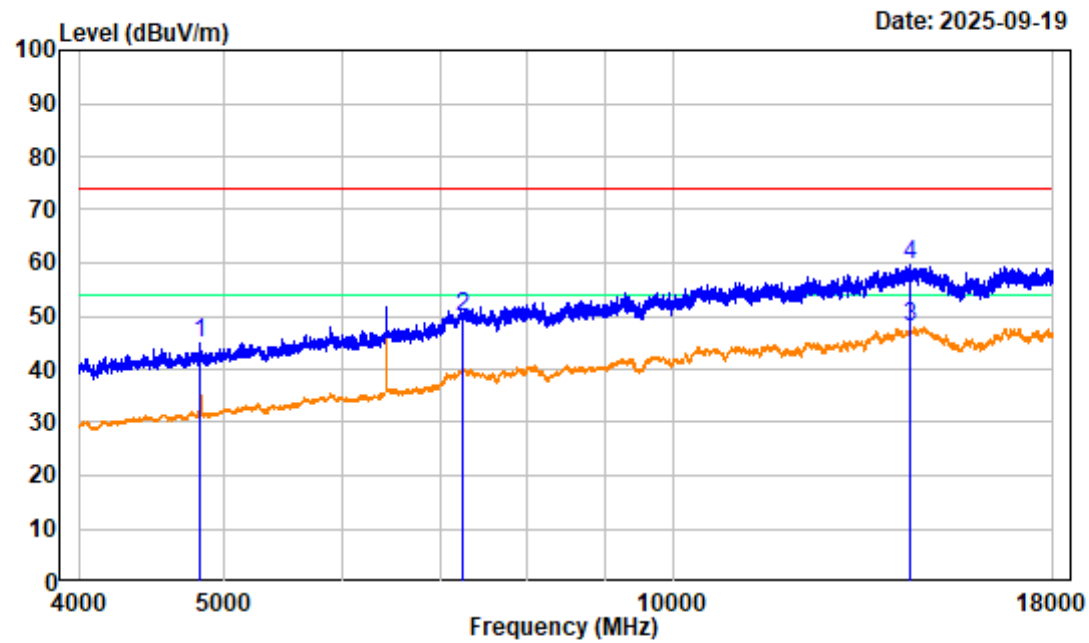
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N20 Low Channel 2412MHz 1GHz-4GHz

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	2572.375	-9.90	63.88	53.98	74.00	-20.02 Peak

802.11N20 Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

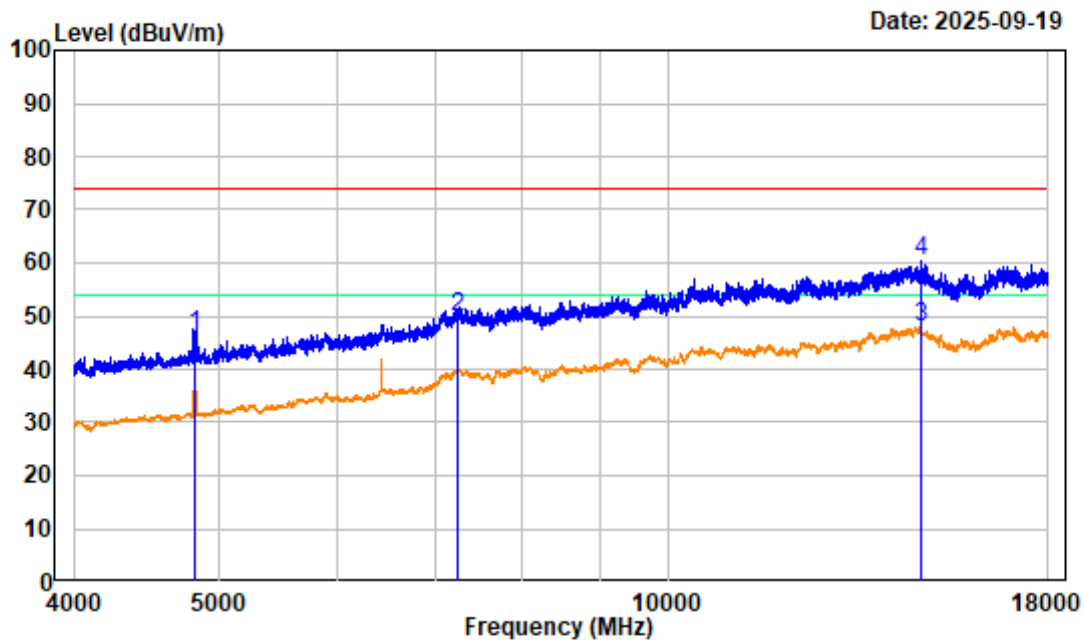
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N20 Low Channel 2412MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	51.65	45.01	74.00	-28.99 peak
2	7236.000	-1.32	51.31	49.99	74.00	-24.01 peak
3	14423.000	8.49	39.40	47.89	54.00	-6.11 Average
4	14423.000	8.49	50.96	59.45	74.00	-14.55 Peak

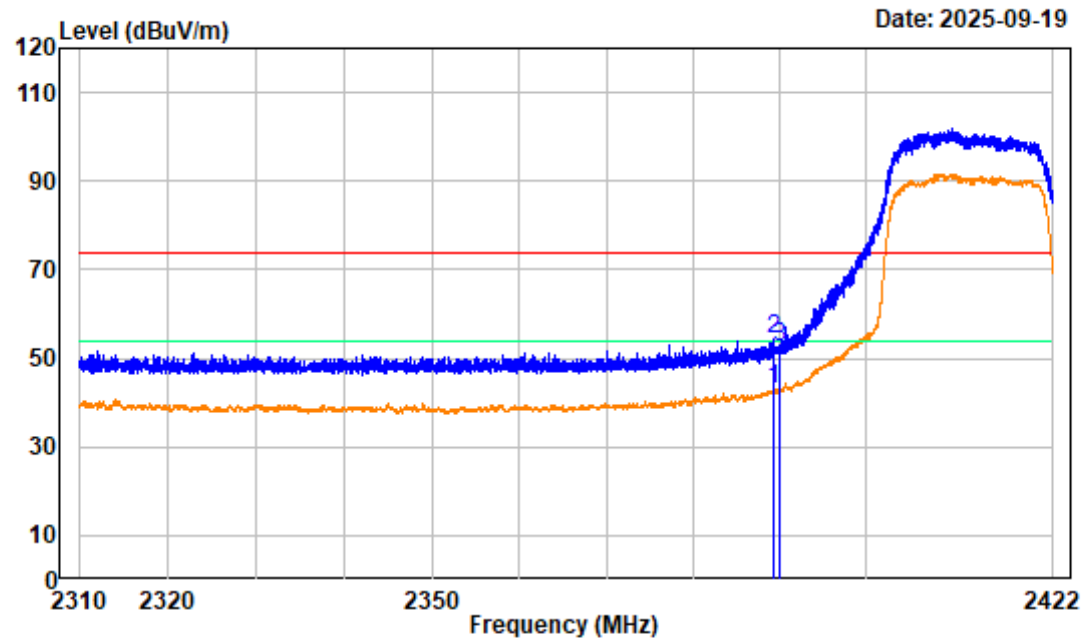
802.11N20 Low Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	53.01	46.37	74.00	-27.63 peak
2	7236.000	-1.32	51.05	49.73	74.00	-24.27 peak
3	14818.500	7.82	40.01	47.83	54.00	-6.17 Average
4	14818.500	7.82	52.39	60.21	74.00	-13.79 Peak

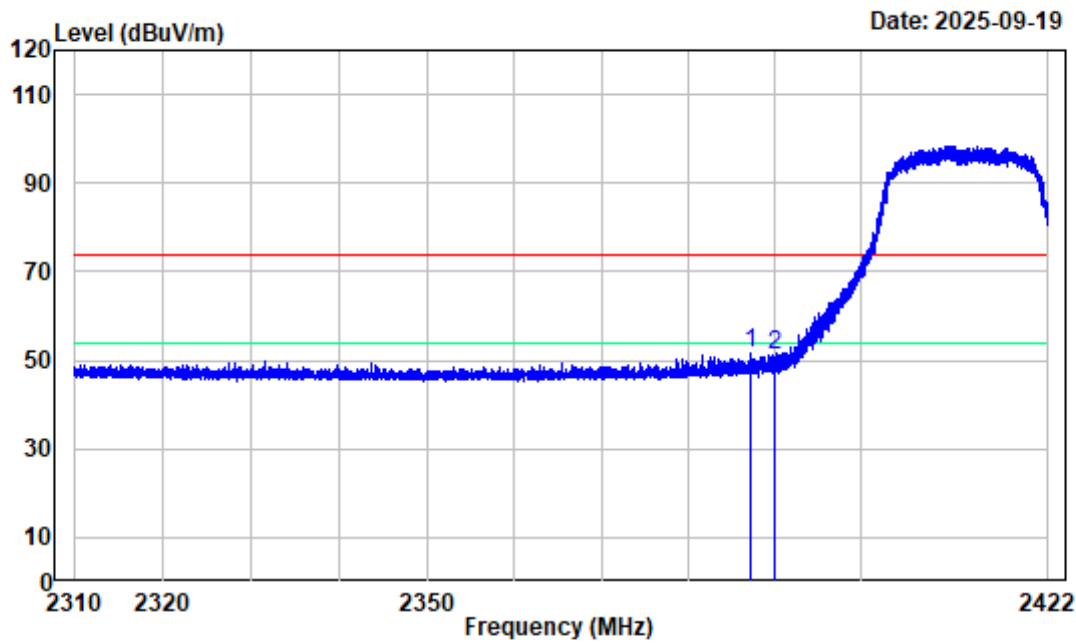
802.11N20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 Low Channel 2412MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2389.380	-10.25	53.29	43.04	54.00	-10.96 Average
2	2389.380	-10.25	64.74	54.49	74.00	-19.51 Peak
3	2390.000	-10.25	62.71	52.46	74.00	-21.54 Peak

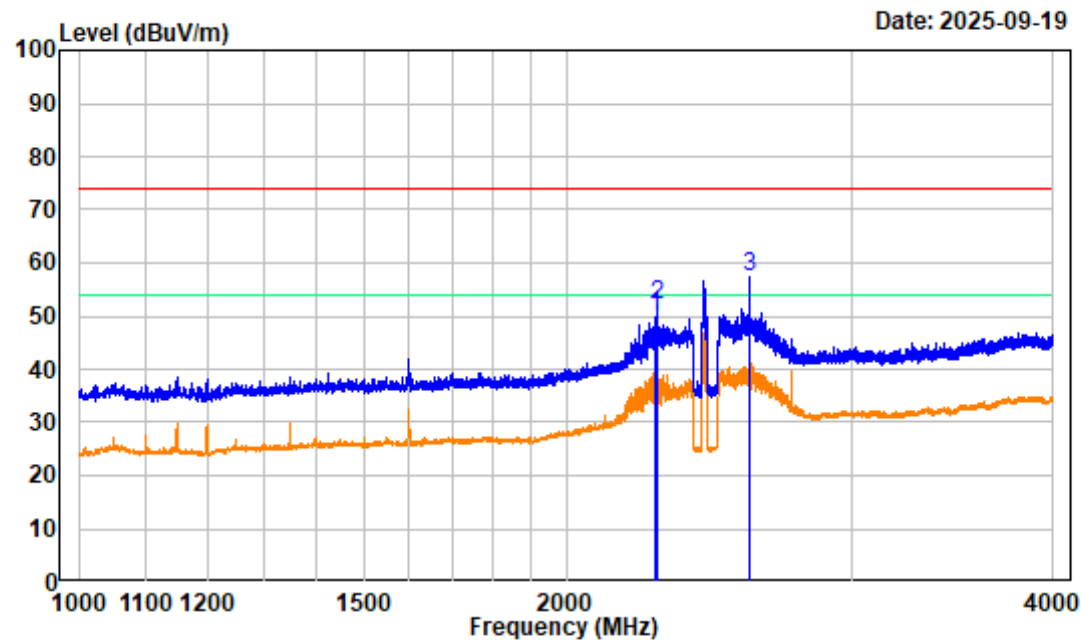
802.11N20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 Low Channel 2412MHz 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	2387.154	-10.25	61.80	51.55	74.00	-22.45 Peak
2	2390.000	-10.25	61.64	51.39	74.00	-22.61 peak

802.11N20 Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

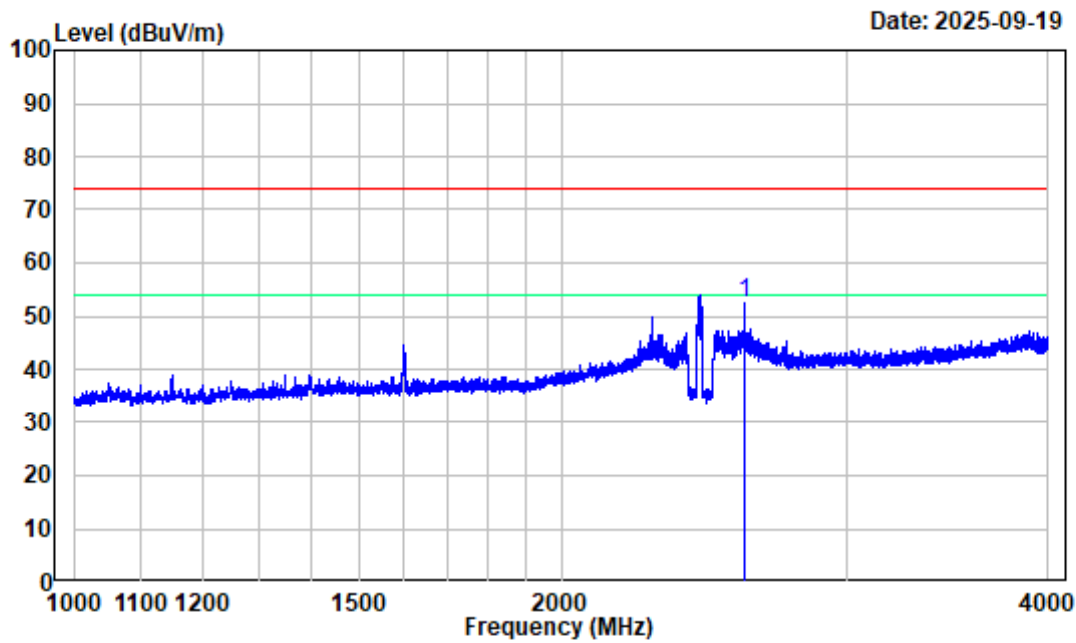
Tester:Lorne Huang

Note : 802.11N20 Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	2268.625	-10.04	59.76	49.72	74.00	-24.28 Peak
2	2277.250	-9.99	62.10	52.11	74.00	-21.89 Peak
3	2597.500	-9.70	66.92	57.22	74.00	-16.78 Peak

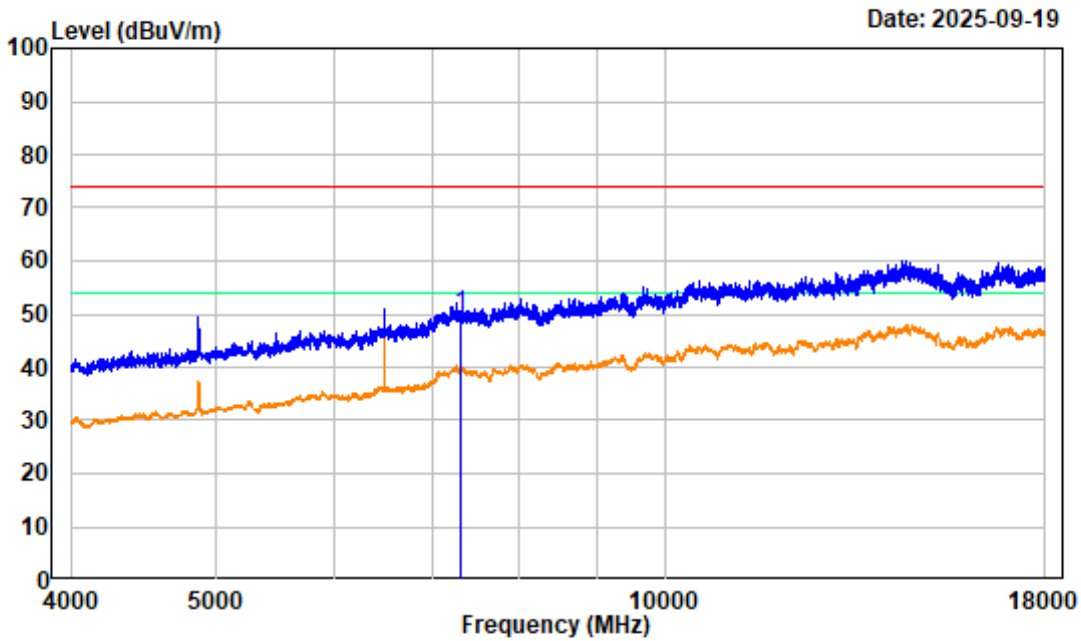
802.11N20 Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 Middle Channel 2437MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2597.500	-9.70	62.17	52.47	74.00	-21.53 Peak

802.11N20 Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

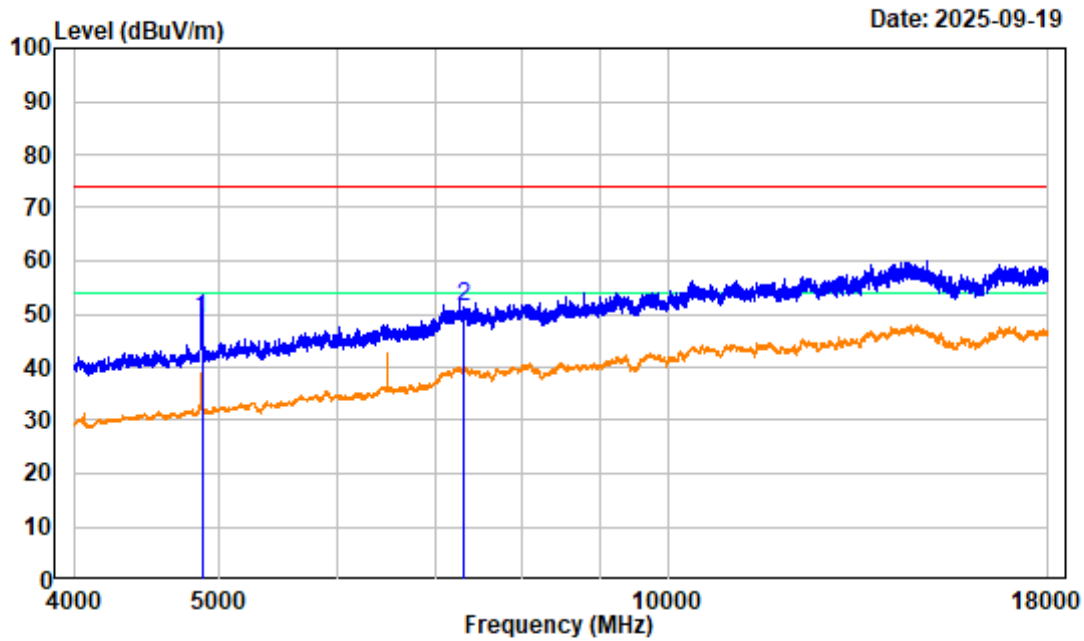
Tester:Lorne Huang

Note : 802.11N20 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	7311.000	-1.12	51.07	49.95	74.00	-24.05 peak

802.11N20 Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

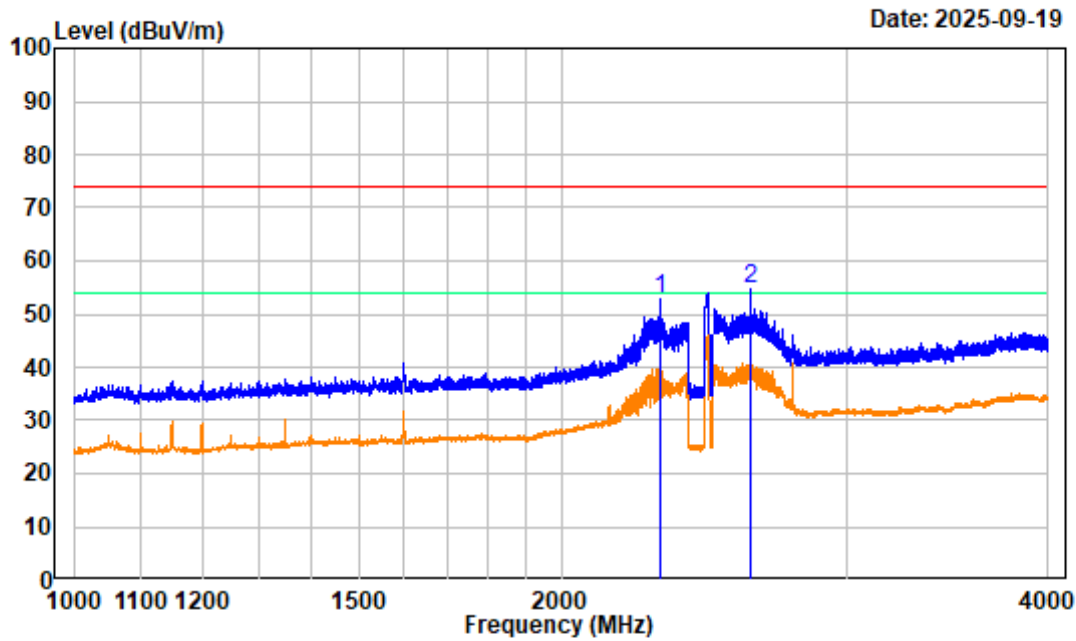
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N20 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	55.70	49.12	74.00	-24.88 peak
2	7311.000	-1.12	52.55	51.43	74.00	-22.57 peak

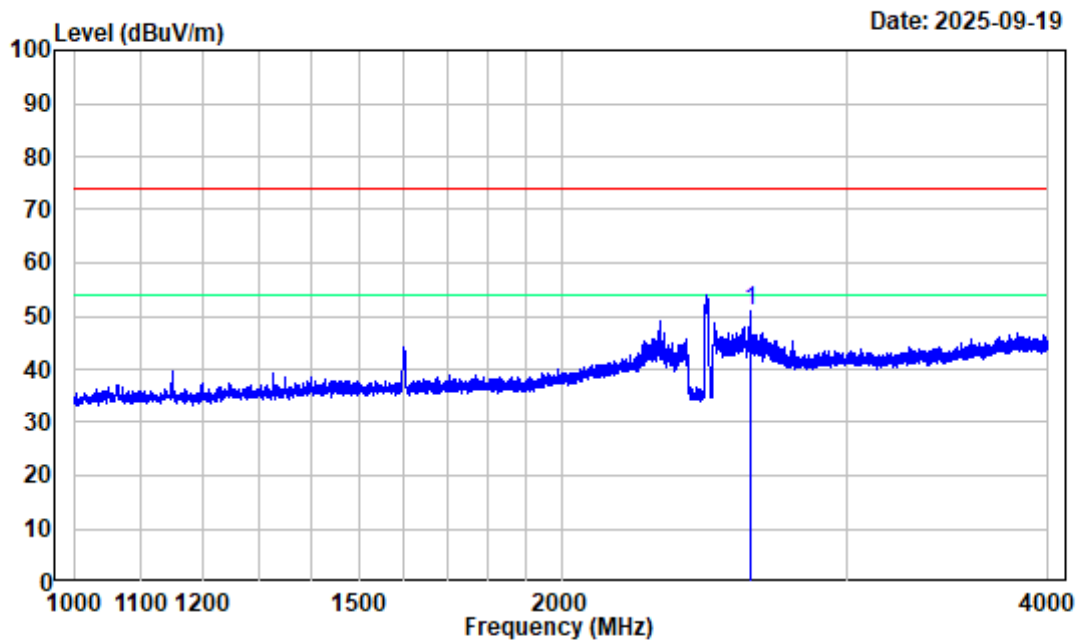
802.11N20 High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 High Channel 2462MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2302.000	-9.84	62.84	53.00	74.00	-21.00 Peak
2	2621.875	-9.98	64.77	54.79	74.00	-19.21 Peak

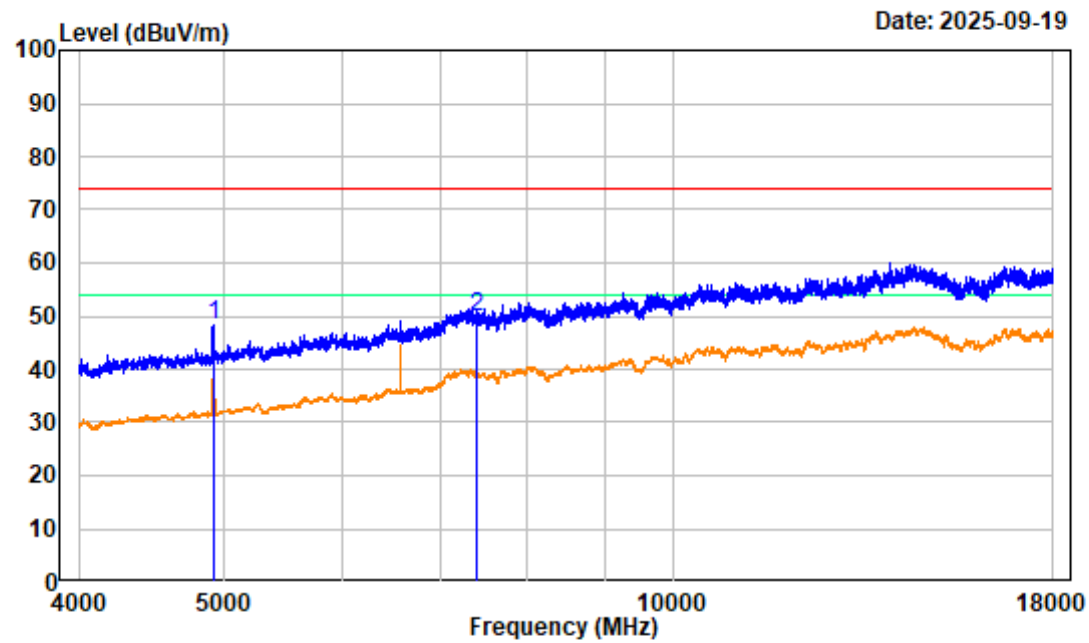
802.11N20 High Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 High Channel 2462MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read	Limit	Over	Remark
		Level	Level	Line	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 2621.875	-9.98	61.00	51.02	74.00	-22.98 Peak

802.11N20 High Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

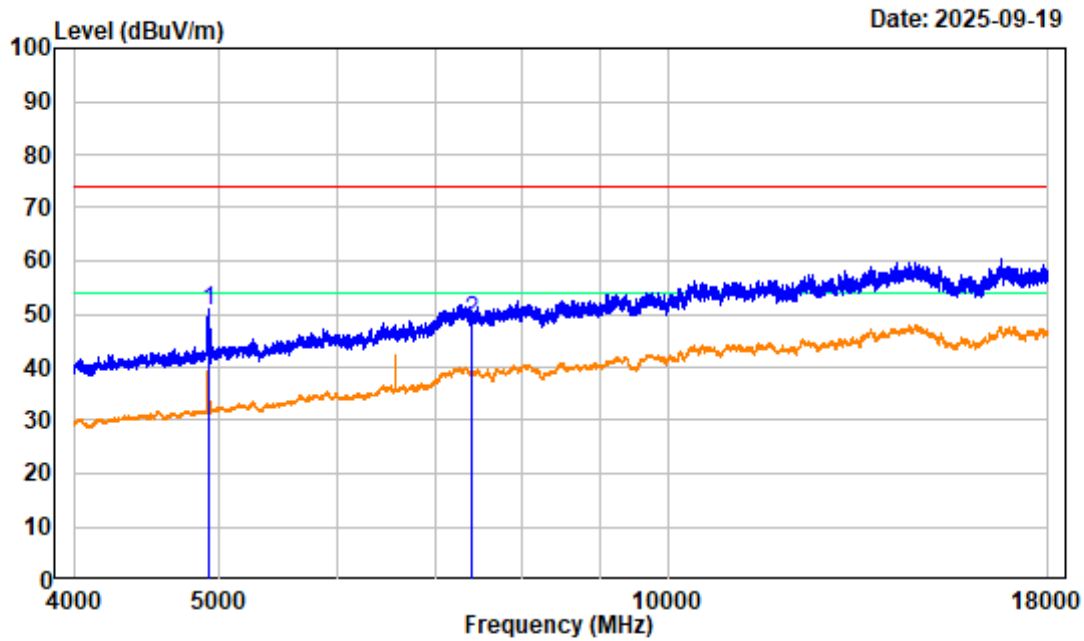
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N20 High Channel 2462MHz 4GHz-18GHz

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

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	54.68	48.20	74.00	-25.80	peak
2	7386.000	-1.31	50.98	49.67	74.00	-24.33	peak

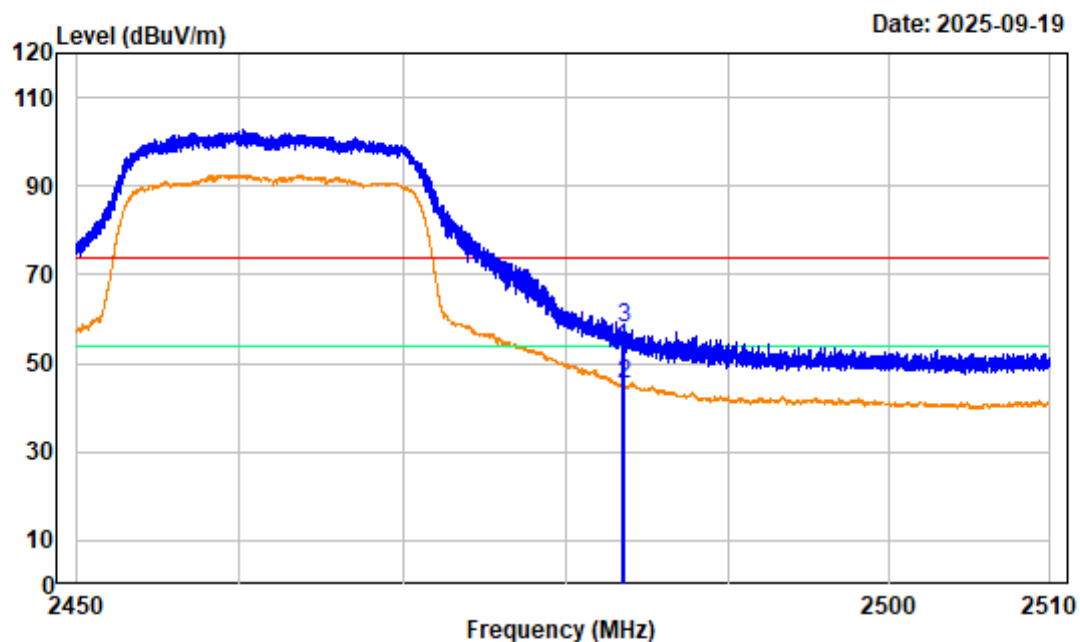
802.11N20 High Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 High Channel 2462MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	4924.000	-6.48	56.97	50.49	74.00	-23.51 peak
2	7386.000	-1.31	50.12	48.81	74.00	-25.19 peak

802.11N20 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

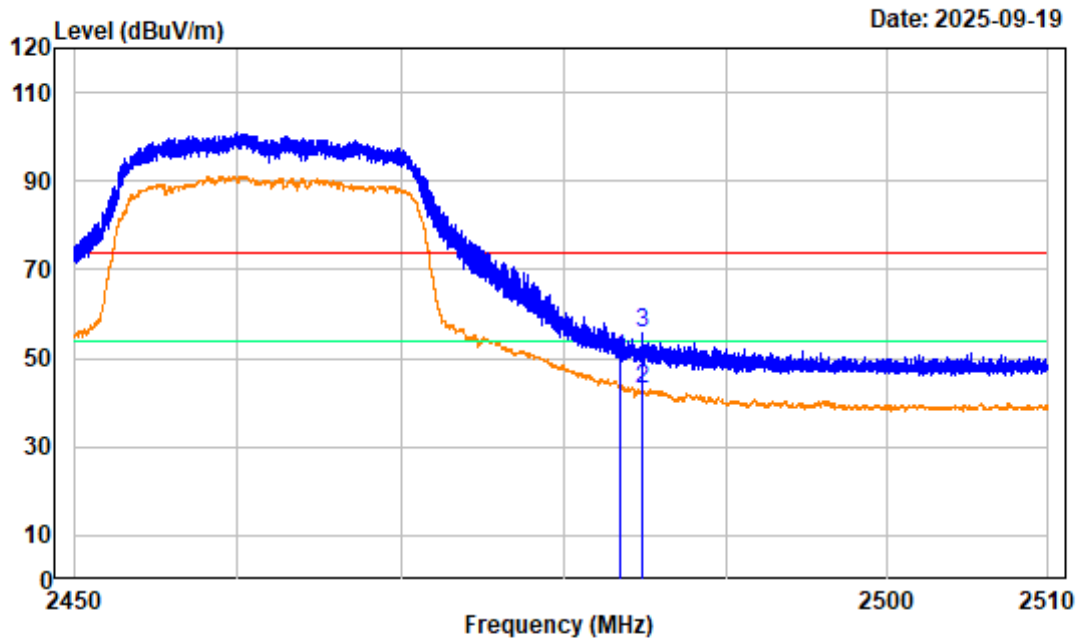
Tester: Lorne Huang

Note : 802.11N20 High Channel 2462MHz Bandedge

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

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	63.68	53.45	74.00	-20.55	peak
2	2483.593	-10.23	55.60	45.37	54.00	-8.63	Average
3	2483.593	-10.23	68.15	57.92	74.00	-16.08	Peak

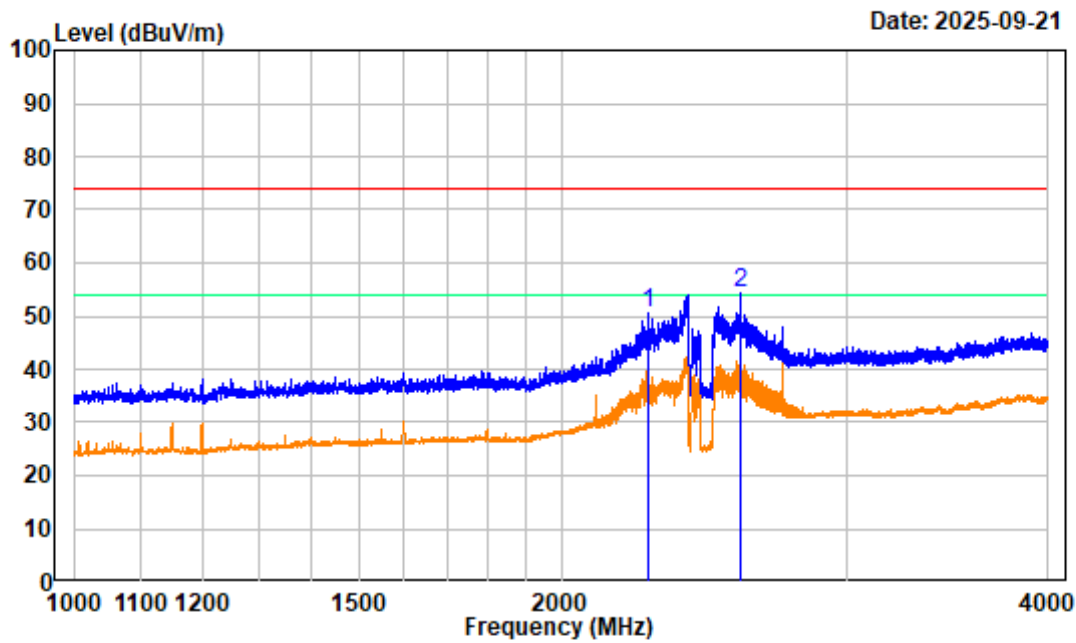
802.11N20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N20 High Channel 2462MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	60.11	49.88	74.00	-24.12 peak
2	2484.785	-10.23	53.17	42.94	54.00	-11.06 Average
3	2484.785	-10.23	65.71	55.48	74.00	-18.52 Peak

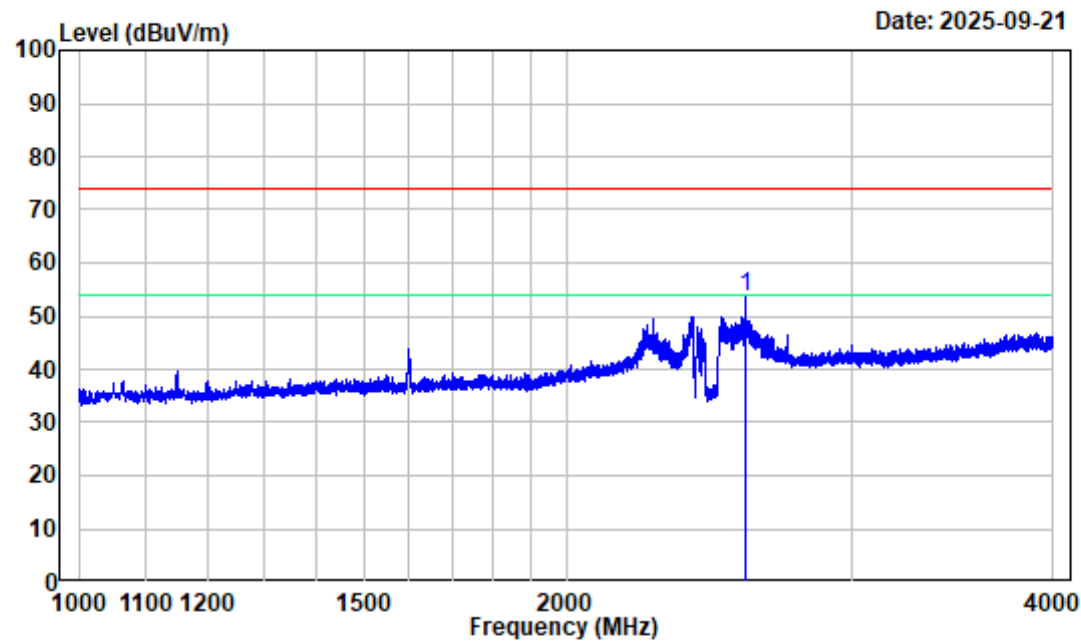
802.11N40 Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N40 Low Channel 2422MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2261.875	-10.09	60.68	50.59	74.00	-23.41 Peak
2	2582.125	-9.82	64.20	54.38	74.00	-19.62 Peak

802.11N40 Low Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

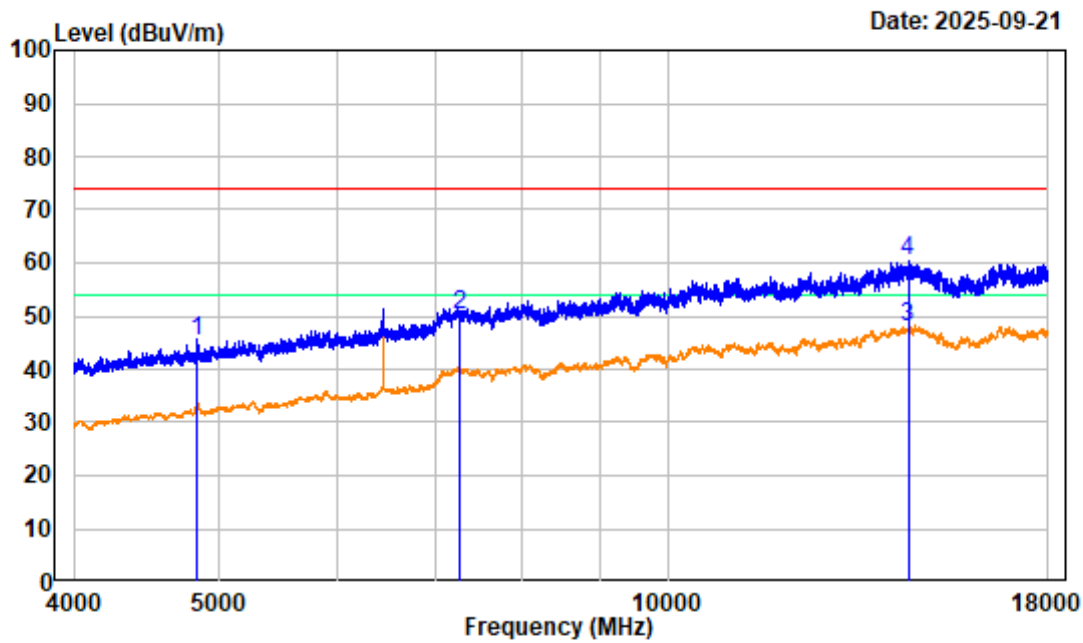
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Low Channel 2422MHz 1GHz-4GHz

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

Freq Factor		Read	Limit	Over	Remark	
MHz	dB/m	Level	Level	Line		
		dBuV	dBuV/m	dBuV/m	dB	
1	2582.125	-9.82	63.57	53.75	74.00	-20.25 Peak

802.11N40 Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

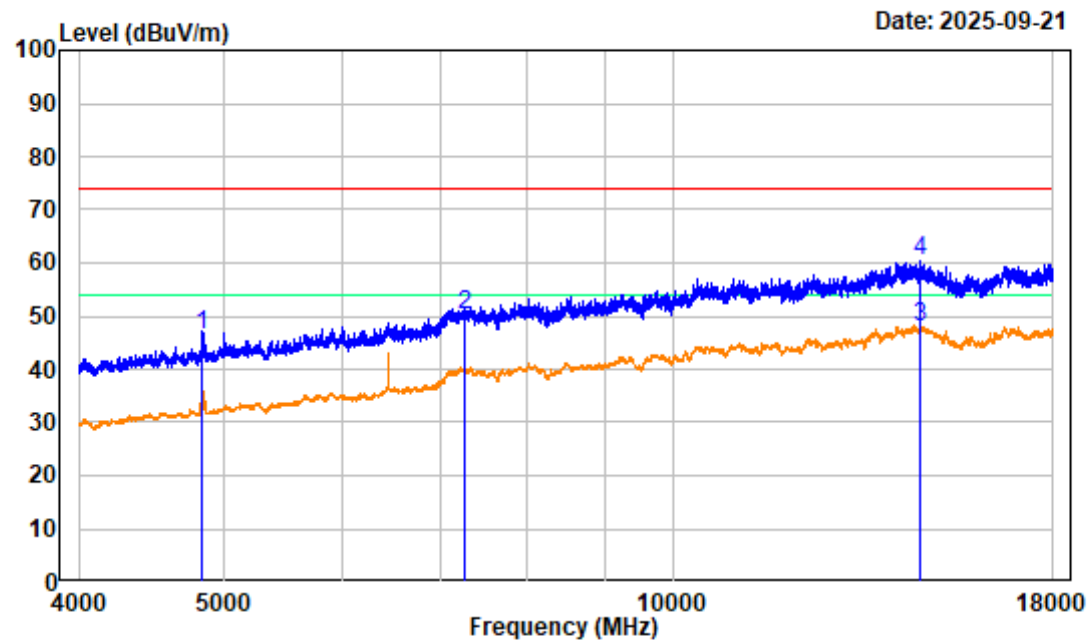
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Low Channel 2422MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 4843.500	-6.64	51.86	45.22	74.00	-28.78	peak
2 7265.500	-1.23	51.26	50.03	74.00	-23.97	peak
3 14501.750	8.32	39.50	47.82	54.00	-6.18	Average
4 14501.750	8.32	52.02	60.34	74.00	-13.66	Peak

802.11N40 Low Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

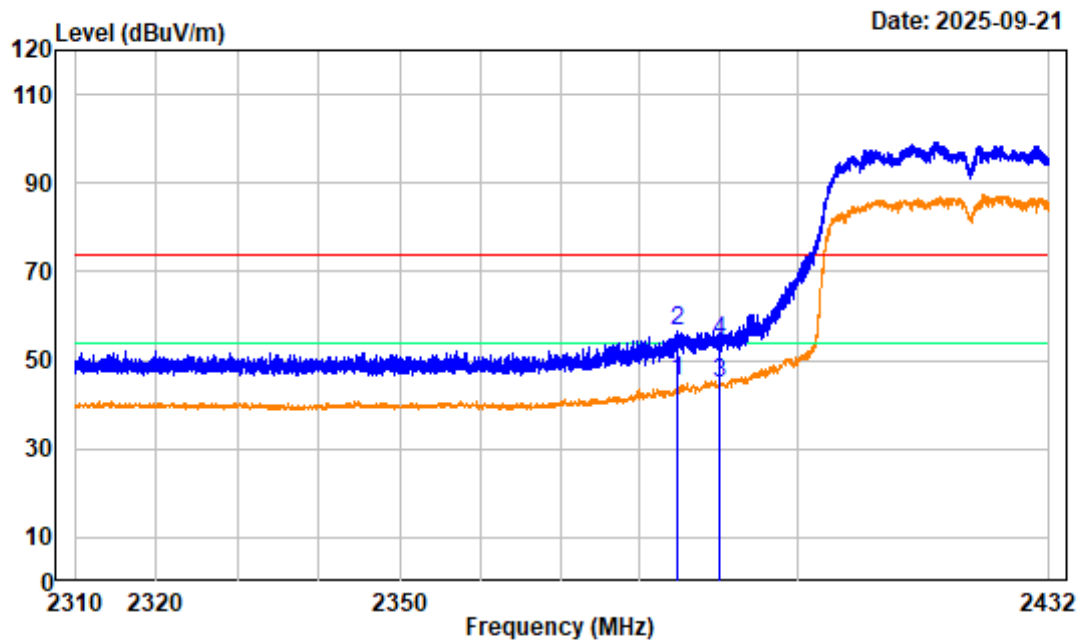
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Low Channel 2422MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4843.500	-6.64	53.13	46.49	74.00	-27.51 peak
2	7265.500	-1.23	51.46	50.23	74.00	-23.77 peak
3	14673.250	8.45	39.42	47.87	54.00	-6.13 Average
4	14673.250	8.45	52.07	60.52	74.00	-13.48 Peak

802.11N40 Low Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

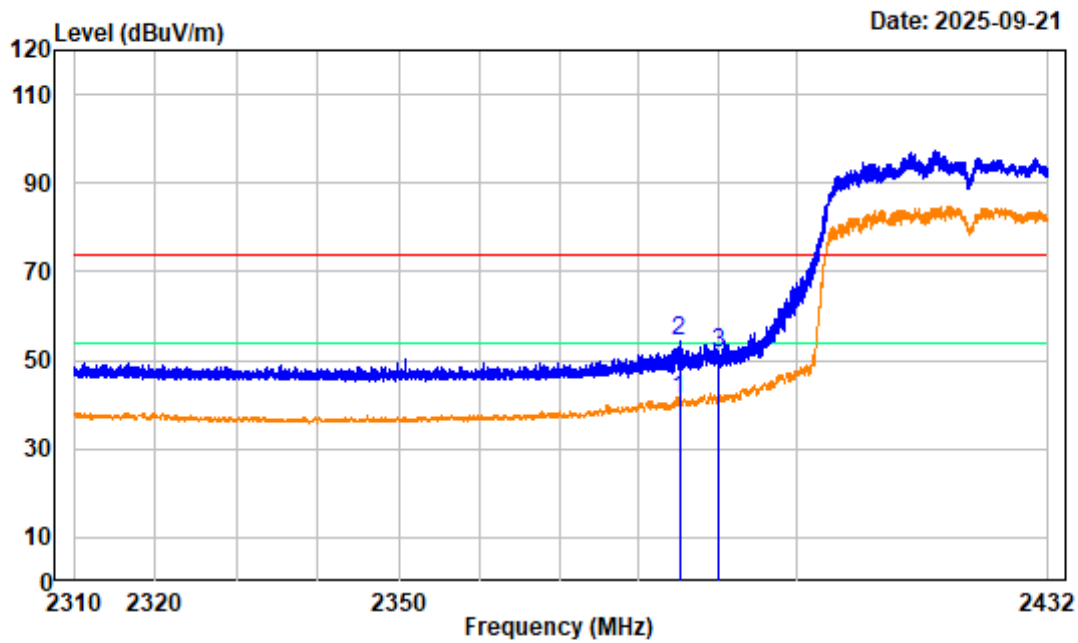
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Low Channel 2422MHz Bandedge

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2384.756	-10.23	55.30	45.07	54.00	-8.93 Average
2	2384.756	-10.23	66.65	56.42	74.00	-17.58 Peak
3	2390.000	-10.25	55.21	44.96	54.00	-9.04 Average
4	2390.000	-10.25	64.52	54.27	74.00	-19.73 peak

802.11N40 Low Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

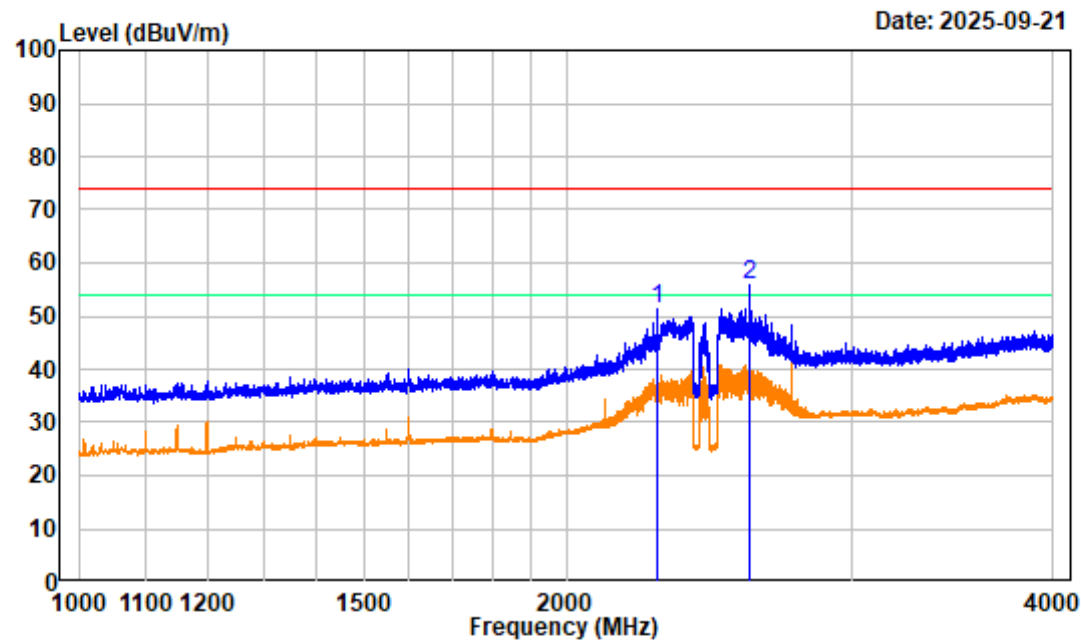
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Low Channel 2422MHz Bandedge

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2385.091	-10.23	51.62	41.39	54.00	-12.61 Average
2	2385.091	-10.23	64.51	54.28	74.00	-19.72 Peak
3	2390.000	-10.25	62.00	51.75	74.00	-22.25 peak

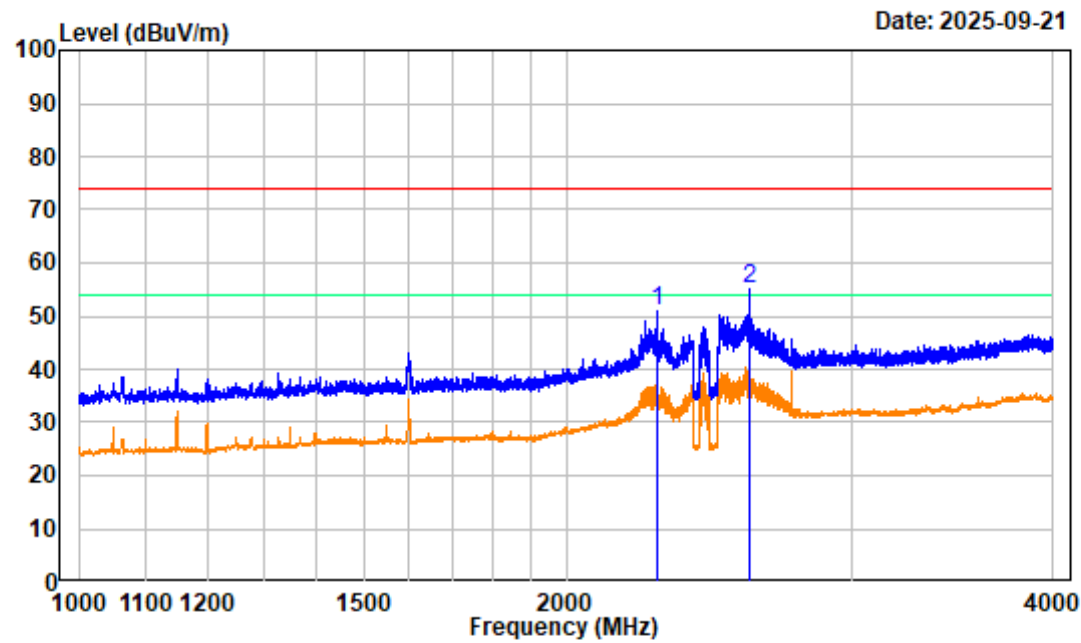
802.11N40 Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N40 Middle Channel 2437MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq		Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
MHz		dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2277.250	-9.99	61.13	51.14	74.00	-22.86	Peak
2	2597.500	-9.70	65.52	55.82	74.00	-18.18	Peak

802.11N40 Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

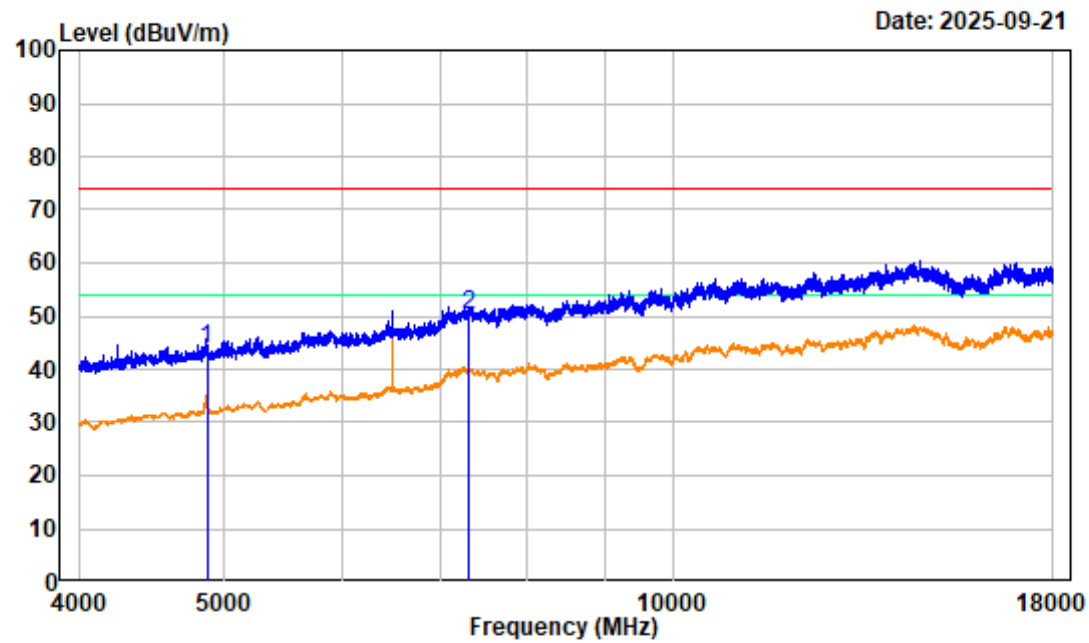
Tester:Lorne Huang

Note : 802.11N40 Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	Limit	
1	2277.250	-9.99	60.80	50.81	74.00	-23.19 Peak
2	2597.125	-9.70	64.73	55.03	74.00	-18.97 Peak

802.11N40 Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

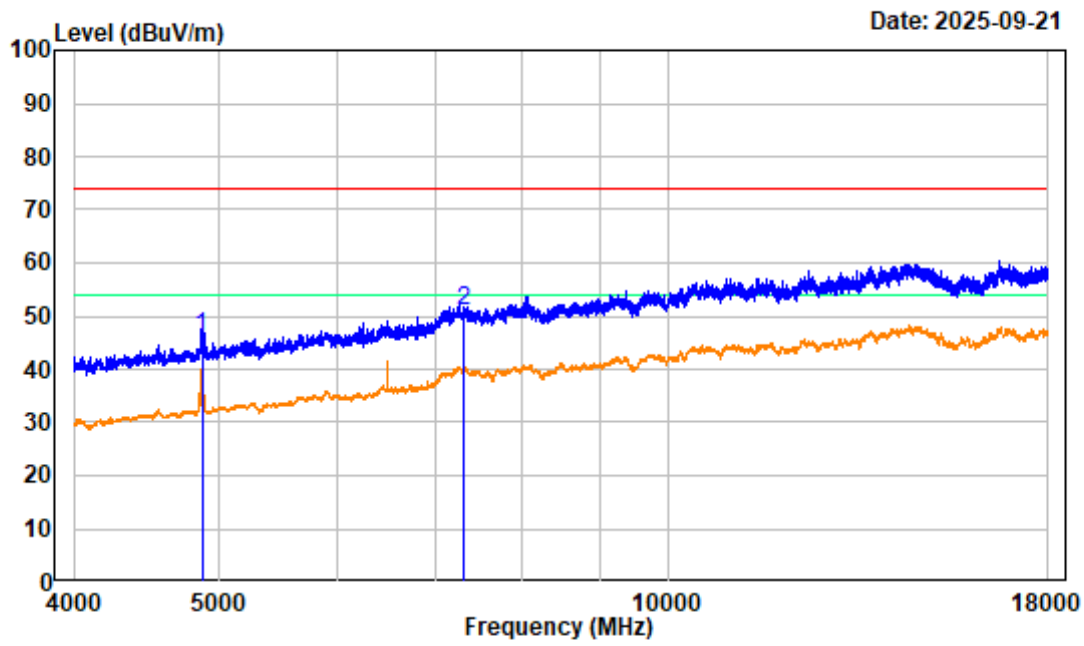
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	50.40	43.82	74.00	-30.18 peak
2	7311.000	-1.12	51.21	50.09	74.00	-23.91 peak

802.11N40 Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

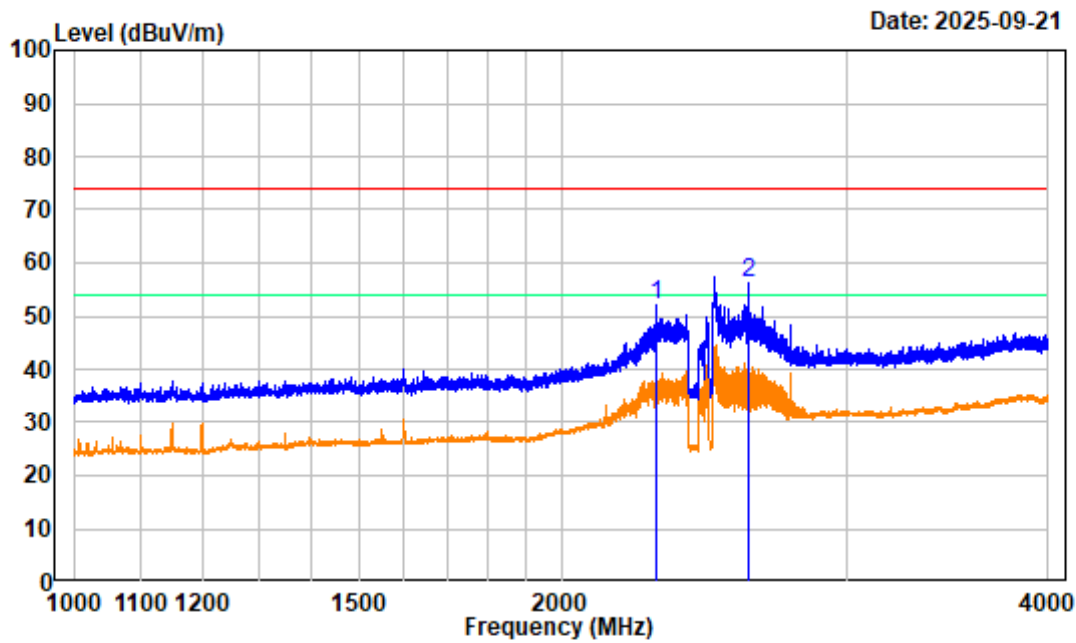
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	52.68	46.10	74.00	-27.90 peak
2	7311.000	-1.12	51.88	50.76	74.00	-23.24 peak

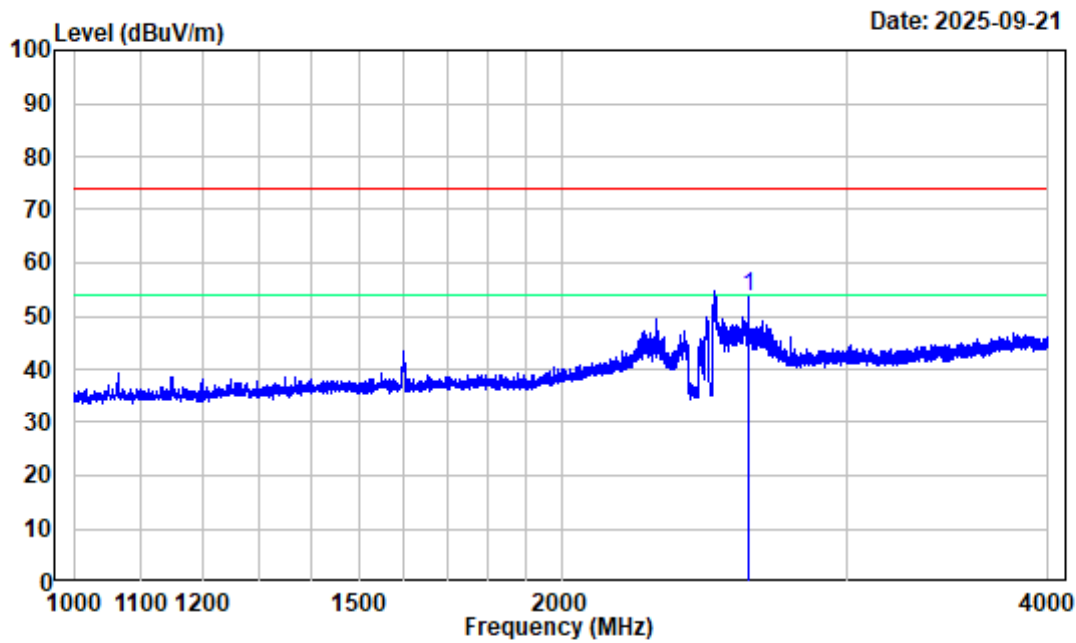
802.11N40 High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N40 High Channel 2452MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2292.250	-9.88	61.83	51.95	74.00	-22.05 Peak
2	2612.125	-9.84	66.04	56.20	74.00	-17.80 Peak

802.11N40 High Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

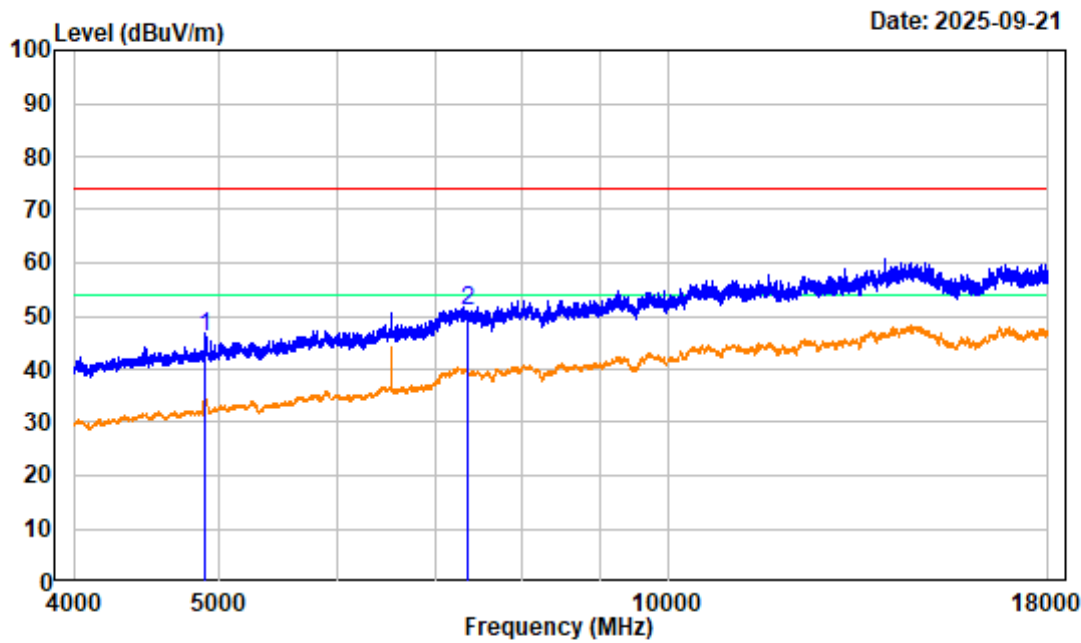
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 High Channel 2452MHz 1GHz-4GHz

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

Freq Factor		Read	Limit	Over	Remark	
MHz	dB/m	Level	Level	Line		
		dBuV	dBuV/m	dBuV/m	dB	
1	2612.125	-9.84	63.54	53.70	74.00	-20.30 Peak

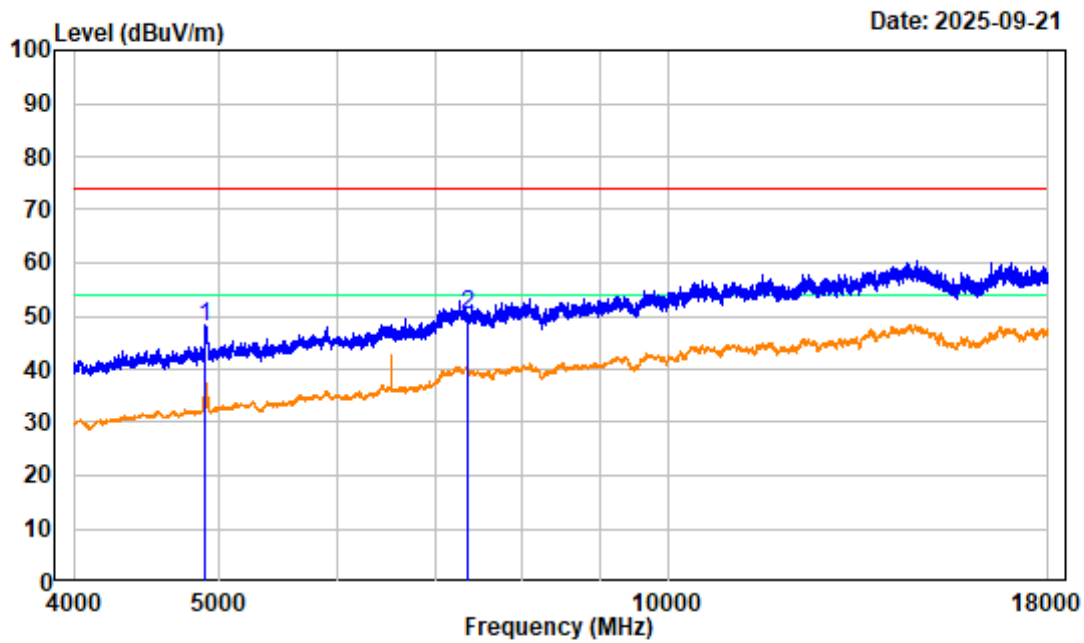
802.11N40 High Channel 4GHz-18GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N40 High Channel 2452MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.52	52.48	45.96	74.00	-28.04 peak
2	7356.000	-1.26	52.31	51.05	74.00	-22.95 peak

802.11N40 High Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

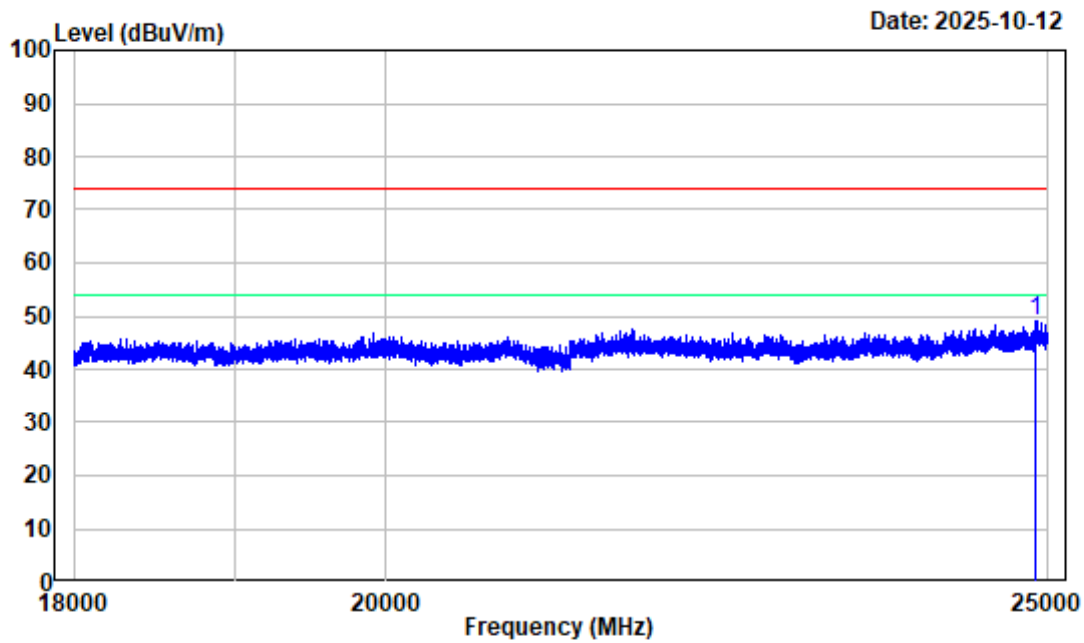
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 High Channel 2452MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.52	54.34	47.82	74.00	-26.18 peak
2	7356.000	-1.26	51.27	50.01	74.00	-23.99 peak

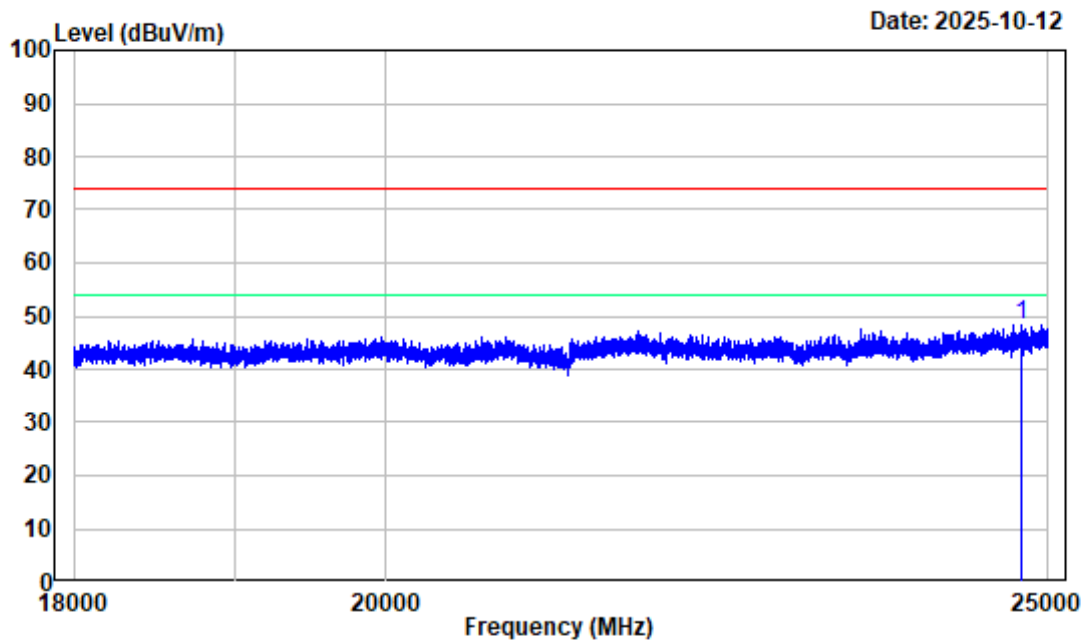
802.11N40 High Channel 18GHz-25GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 802.11N40 High Channel 2452MHz 18GHz-25GHz
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 24894.130	2.91	46.04	48.95	74.00	-25.05	peak

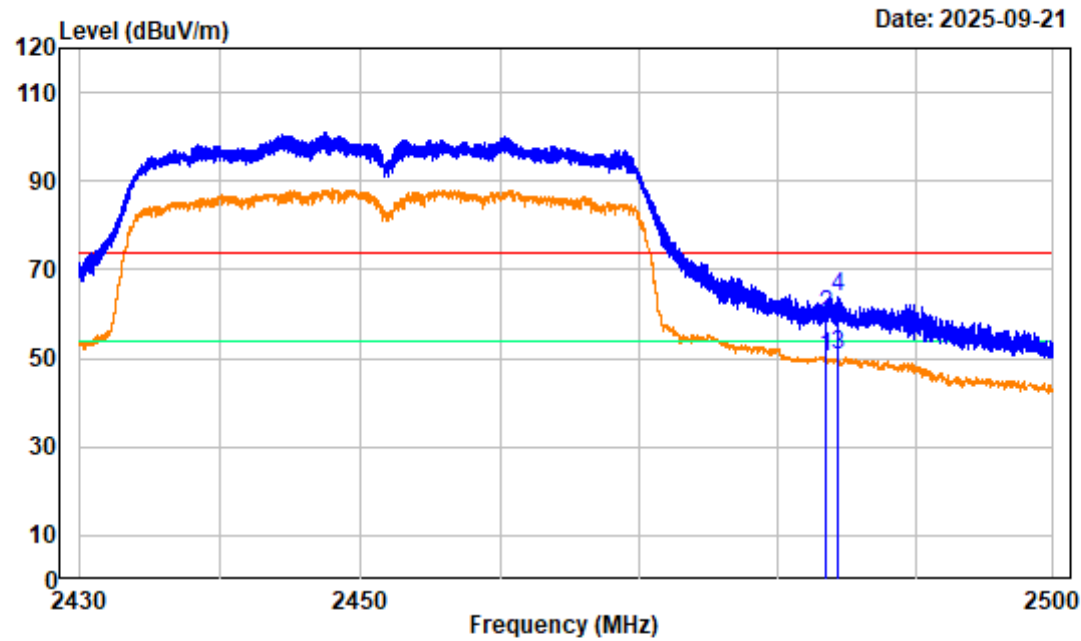
802.11N40 High Channel 18GHz-25GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 802.11N40 High Channel 2452MHz 18GHz-25GHz
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 24776.880	0.11	48.21	48.32	74.00	-25.68	peak

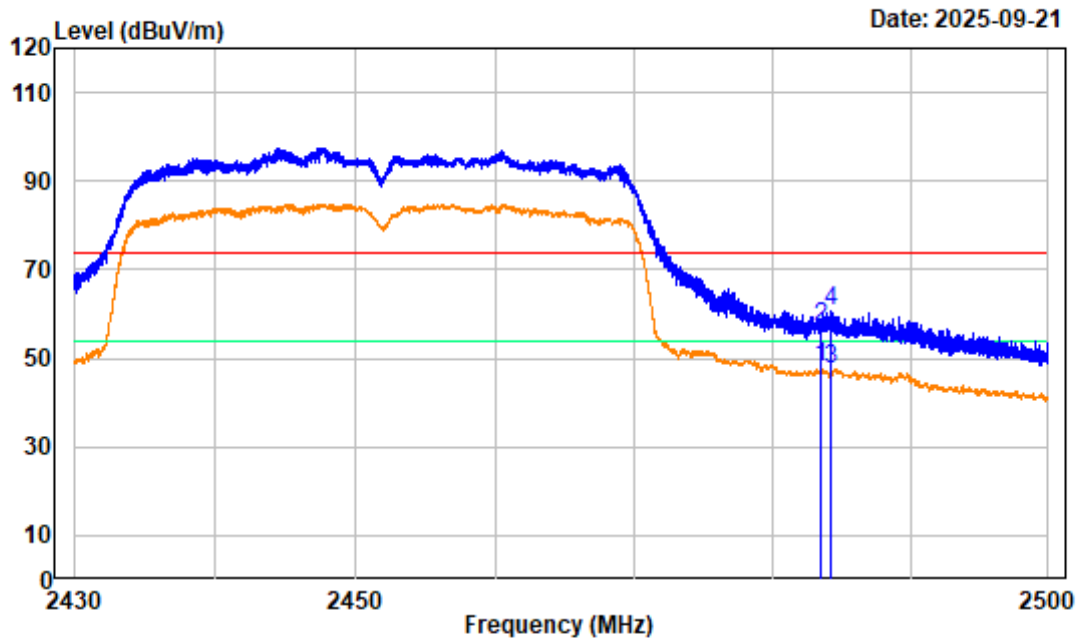
802.11N40 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11N40 High Channel 2452MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	60.52	50.29	54.00	-3.71 average
2	2483.500	-10.23	69.82	59.59	74.00	-14.41 peak
3	2484.346	-10.23	60.94	50.71	54.00	-3.29 Average
4	2484.346	-10.23	74.11	63.88	74.00	-10.12 Peak

802.11N40 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

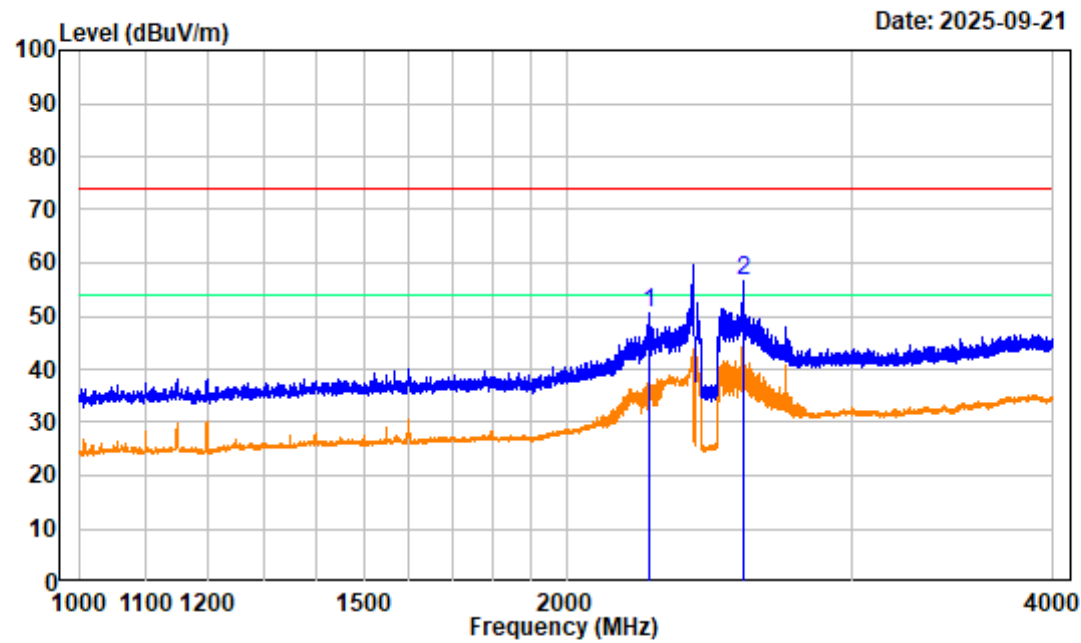
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11N40 High Channel 2452MHz Bandedge

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500 -10.23	58.25	48.02	54.00	-5.98	average
2	2483.500 -10.23	67.25	57.02	74.00	-16.98	peak
3	2484.276 -10.23	57.78	47.55	54.00	-6.45	Average
4	2484.276 -10.23	70.75	60.52	74.00	-13.48	Peak

802.11AX20 Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

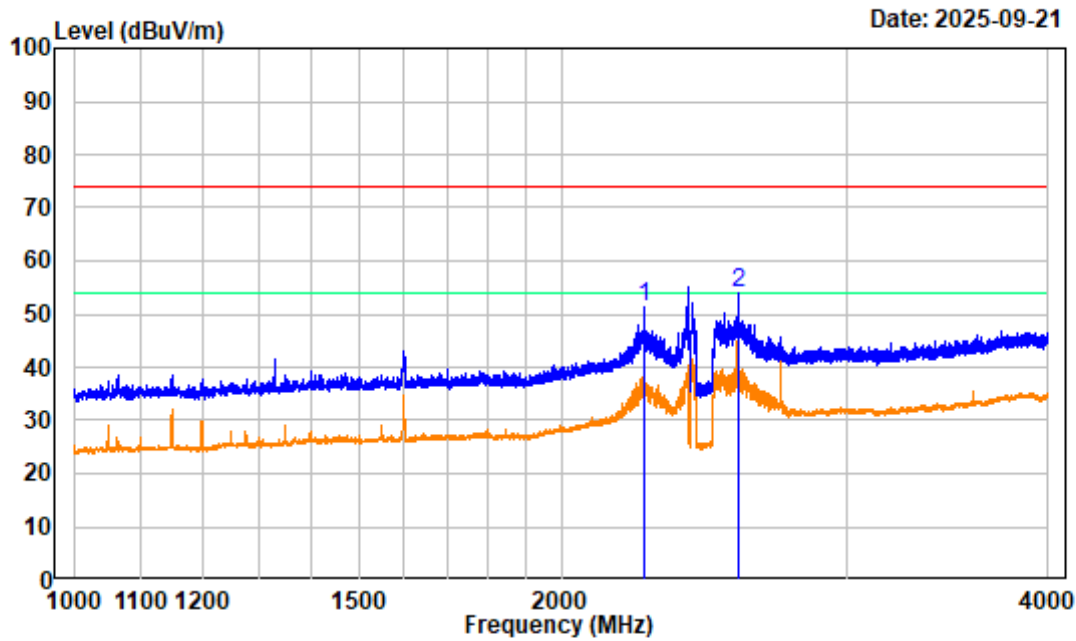
Tester:Lorne Huang

Note : 802.11AX20 Low Channel 2412MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.500	-10.15	60.58	50.43	74.00	-23.57 Peak
2	2572.375	-9.90	66.52	56.62	74.00	-17.38 Peak

802.11AX20 Low Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

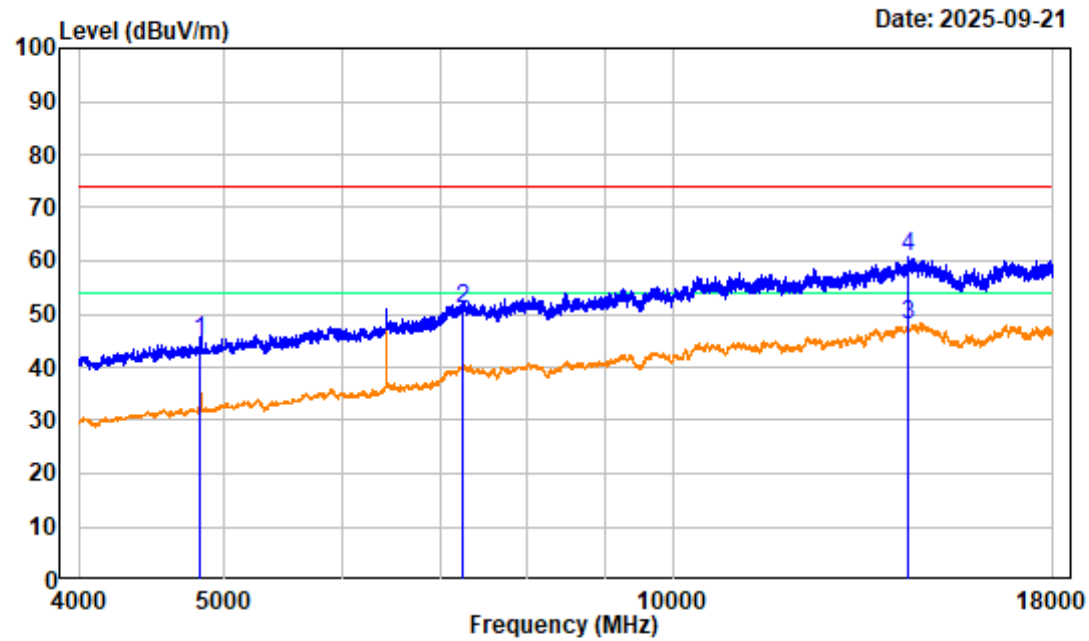
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX20 Low Channel 2412MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2252.500	-10.15	61.37	51.22	74.00	-22.78 Peak
2	2572.375	-9.90	64.03	54.13	74.00	-19.87 Peak

802.11AX20 Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

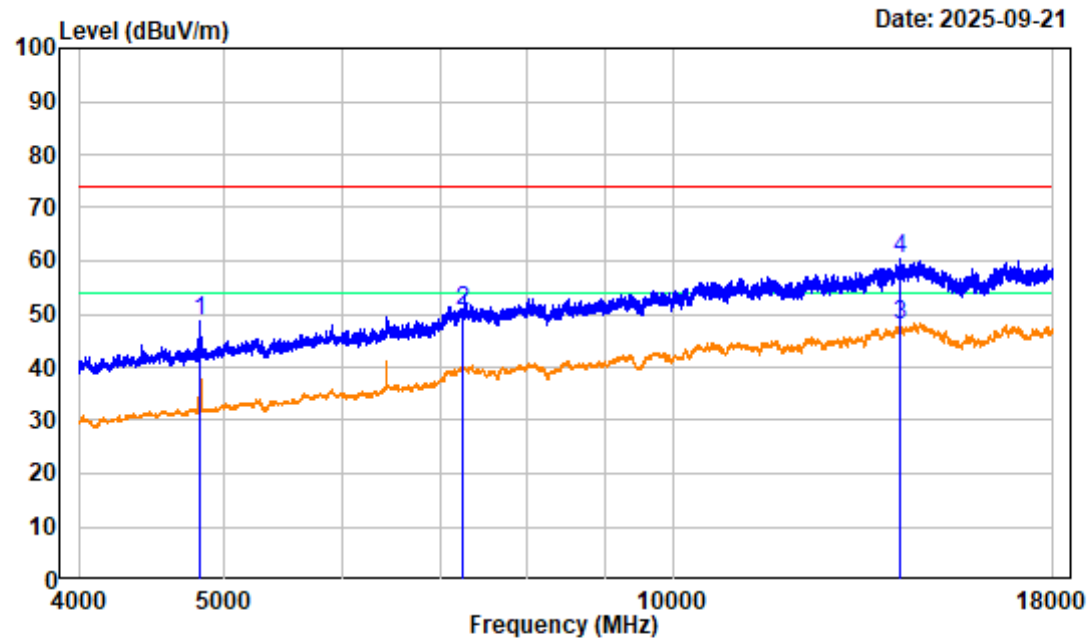
Tester:Lorne Huang

Note : 802.11AX20 Low Channel 2412MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	51.69	45.05	74.00	-28.95 peak
2	7236.000	-1.32	52.28	50.96	74.00	-23.04 peak
3	14402.000	8.51	39.32	47.83	54.00	-6.17 Average
4	14402.000	8.51	52.16	60.67	74.00	-13.33 Peak

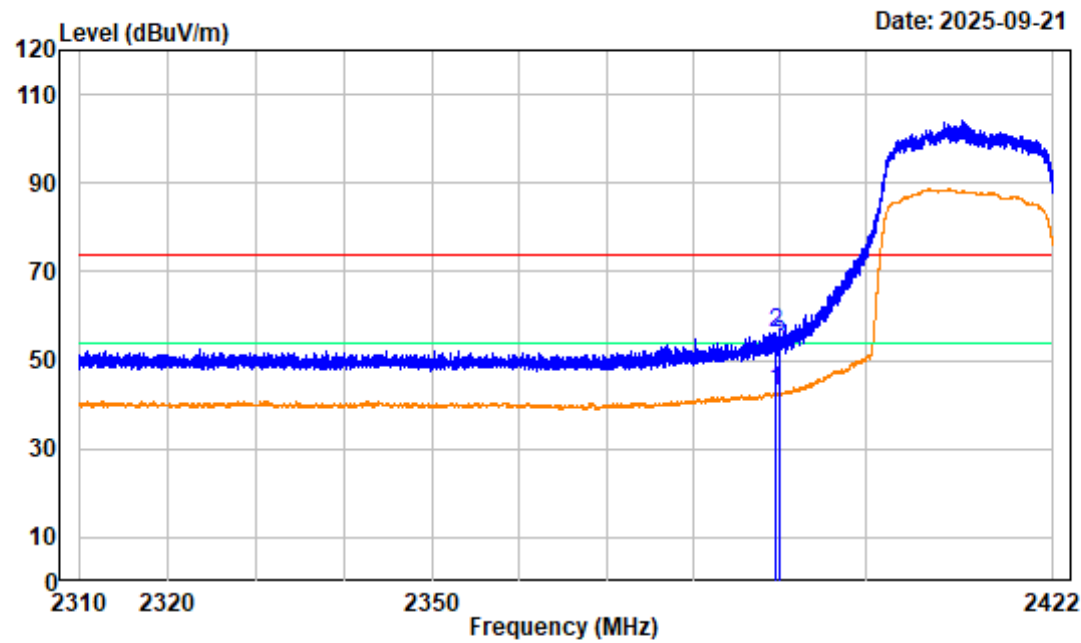
802.11AX20 Low Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 Low Channel 2412MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.64	55.15	48.51	74.00	-25.49 peak
2	7236.000	-1.32	51.95	50.63	74.00	-23.37 peak
3	14232.250	8.36	39.41	47.77	54.00	-6.23 Average
4	14232.250	8.36	51.99	60.35	74.00	-13.65 Peak

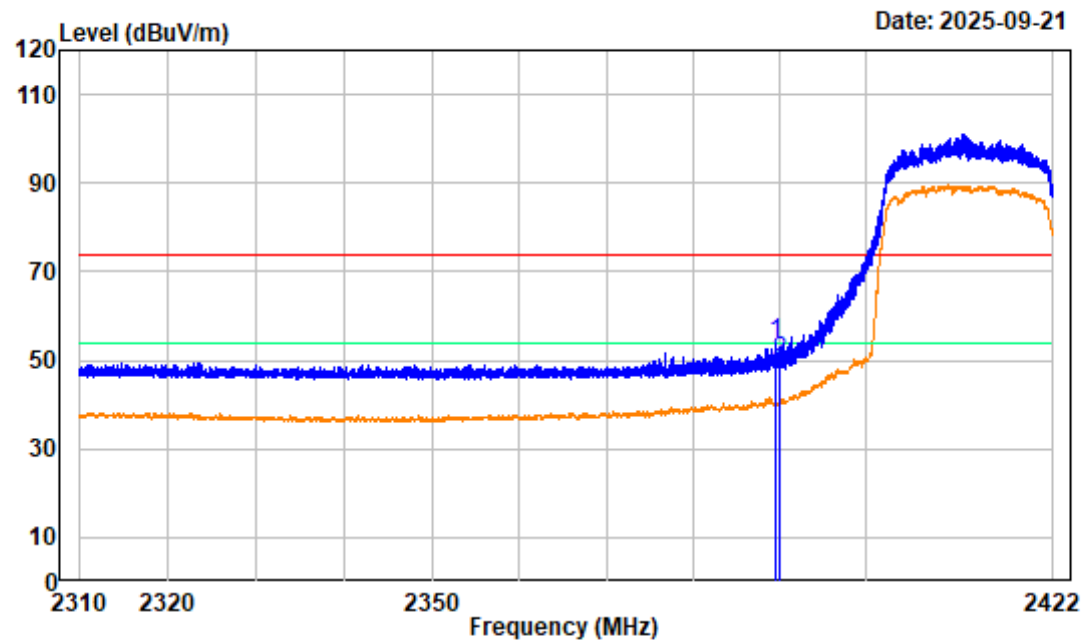
802.11AX20 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 Low Channel 2412MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 2389.520	-10.25	53.29	43.04	54.00	-10.96	Average
2 2389.520	-10.25	66.40	56.15	74.00	-17.85	Peak
3 2390.000	-10.25	63.86	53.61	74.00	-20.39	peak

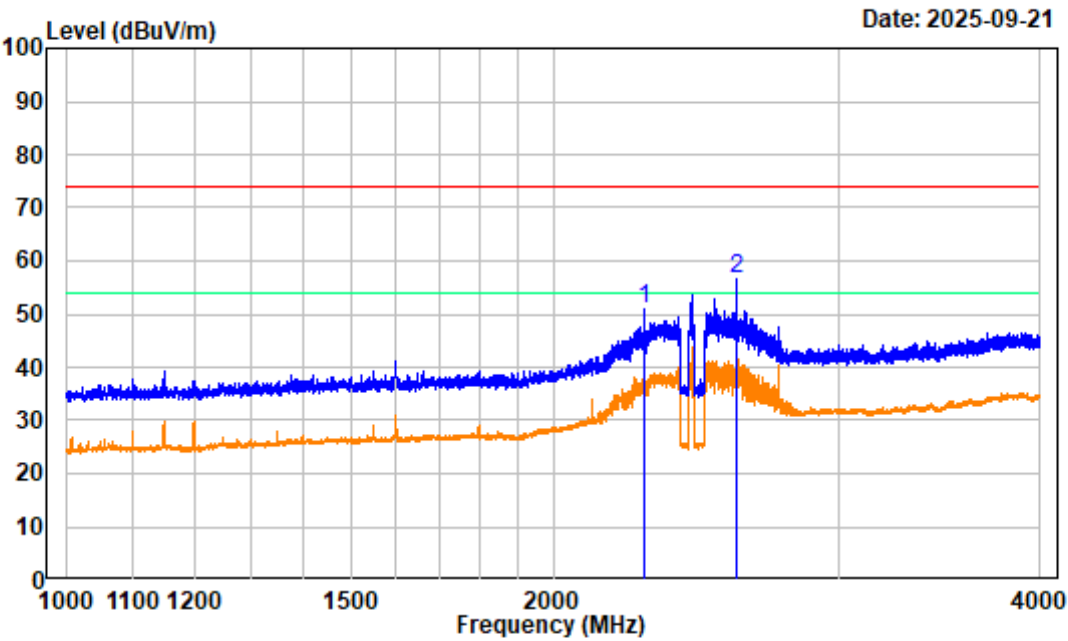
802.11AX20 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 Low Channel 2412MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2389.604	-10.25	64.14	53.89	74.00	-20.11 Peak
2	2390.000	-10.25	59.98	49.73	74.00	-24.27 peak

802.11AX20 Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

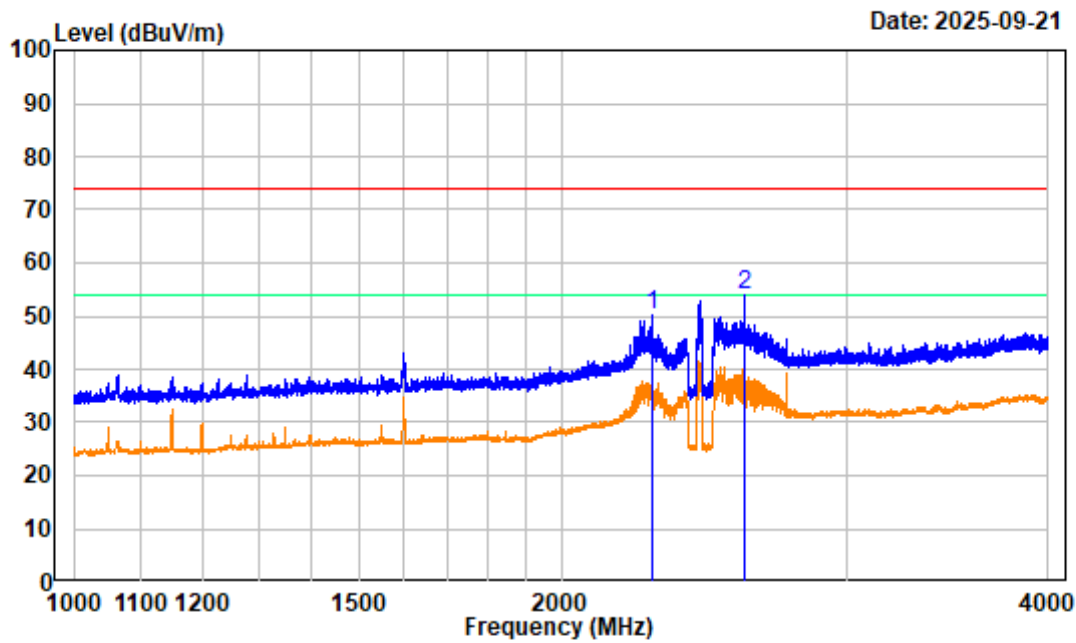
Tester:Lorne Huang

Note : 802.11AX20 Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2277.250	-9.99	60.84	50.85	74.00	-23.15 Peak
2	2597.125	-9.70	66.18	56.48	74.00	-17.52 Peak

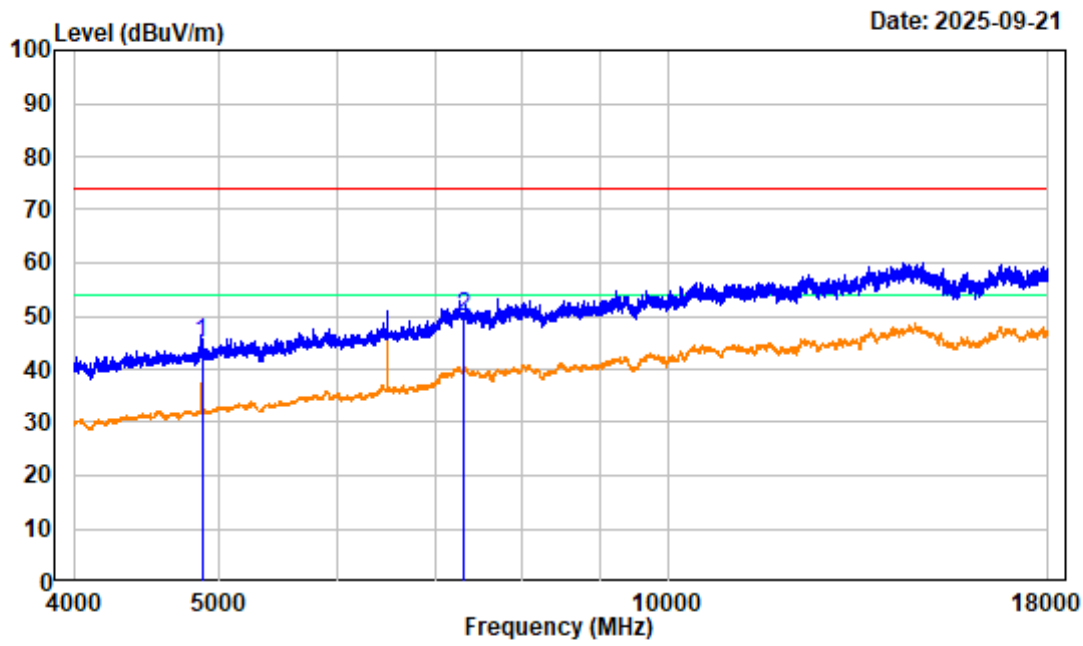
802.11AX20 Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 Middle Channel 2437MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2277.250	-9.99	60.32	50.33	74.00	-23.67 Peak
2	2597.125	-9.70	63.83	54.13	74.00	-19.87 Peak

802.11AX20 Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

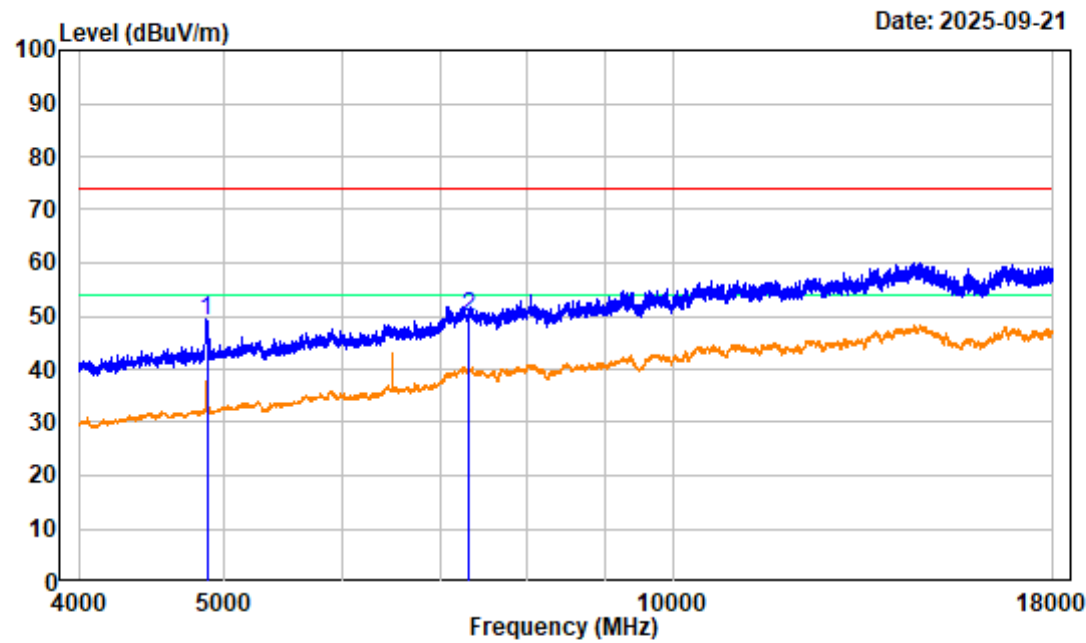
Tester:Lorne Huang

Note : 802.11AX20 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	51.66	45.08	74.00	-28.92 peak
2	7311.000	-1.12	51.03	49.91	74.00	-24.09 peak

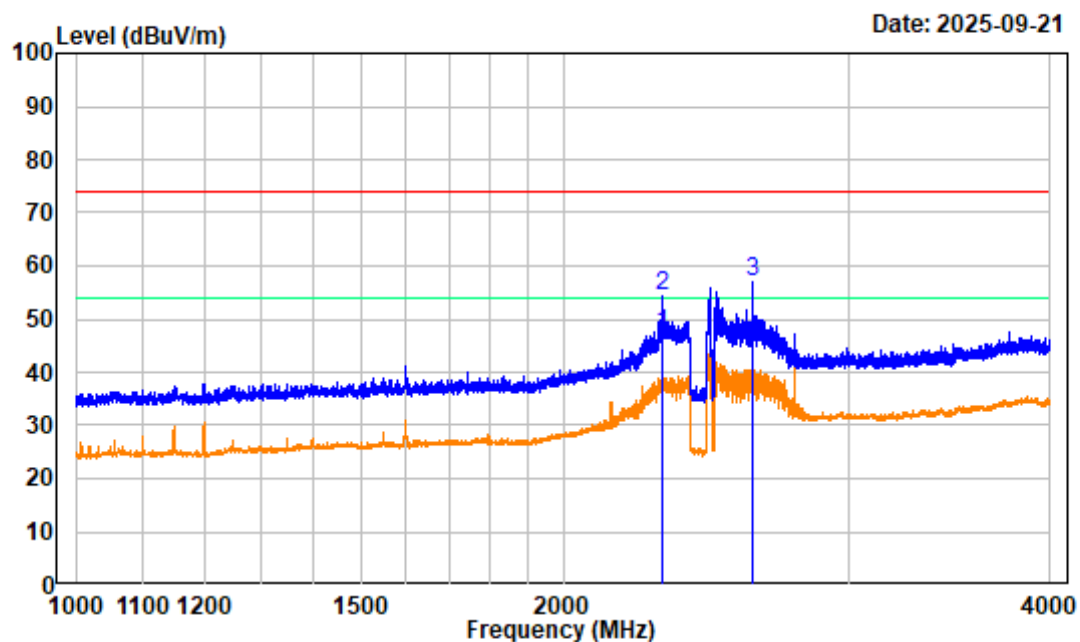
802.11AX20 Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 Middle Channel 2437MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	55.54	48.96	74.00	-25.04 peak
2	7311.000	-1.12	50.90	49.78	74.00	-24.22 peak

802.11AX20 High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

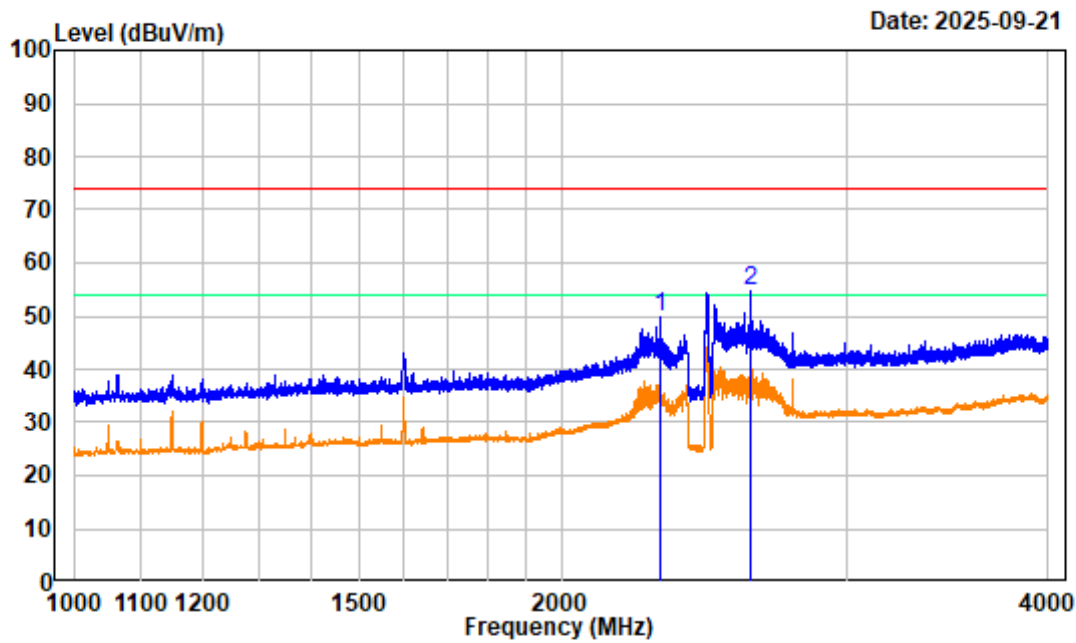
Tester: Lorne Huang

Note : 802.11AX20 High Channel 2462MHz 1GHz-4GHz

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

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2302.000	-9.84	57.09	47.25	54.00	-6.75	Average
2	2302.000	-9.84	64.01	54.17	74.00	-19.83	Peak
3	2622.250	-9.98	66.88	56.90	74.00	-17.10	Peak

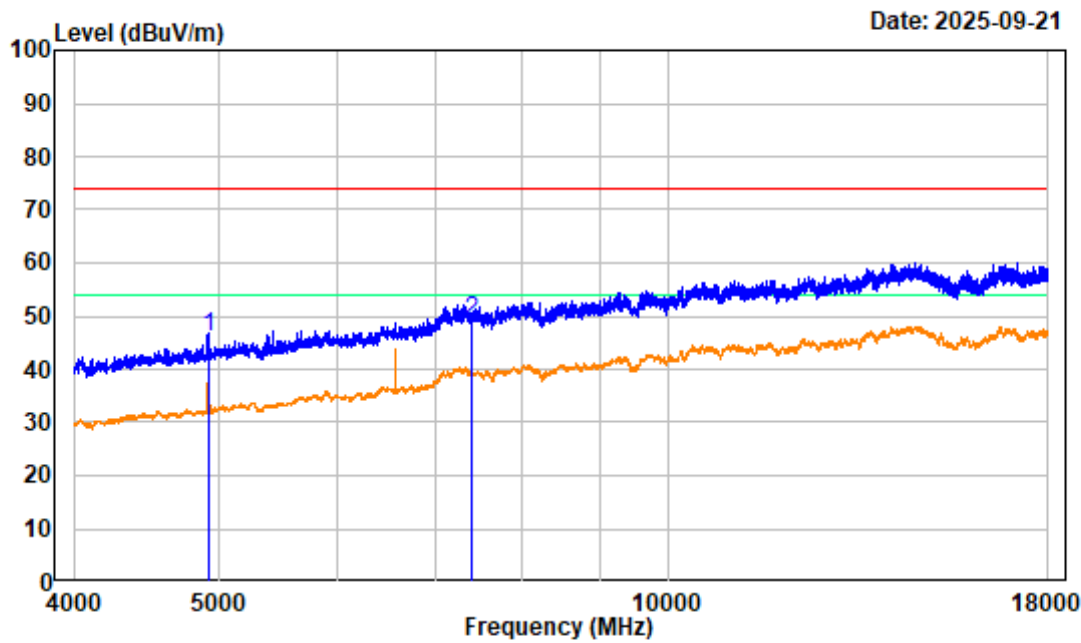
802.11AX20 High Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 High Channel 2462MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2302.000	-9.84	59.52	49.68	74.00	-24.32 Peak
2	2622.250	-9.98	64.72	54.74	74.00	-19.26 Peak

802.11AX20 High Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

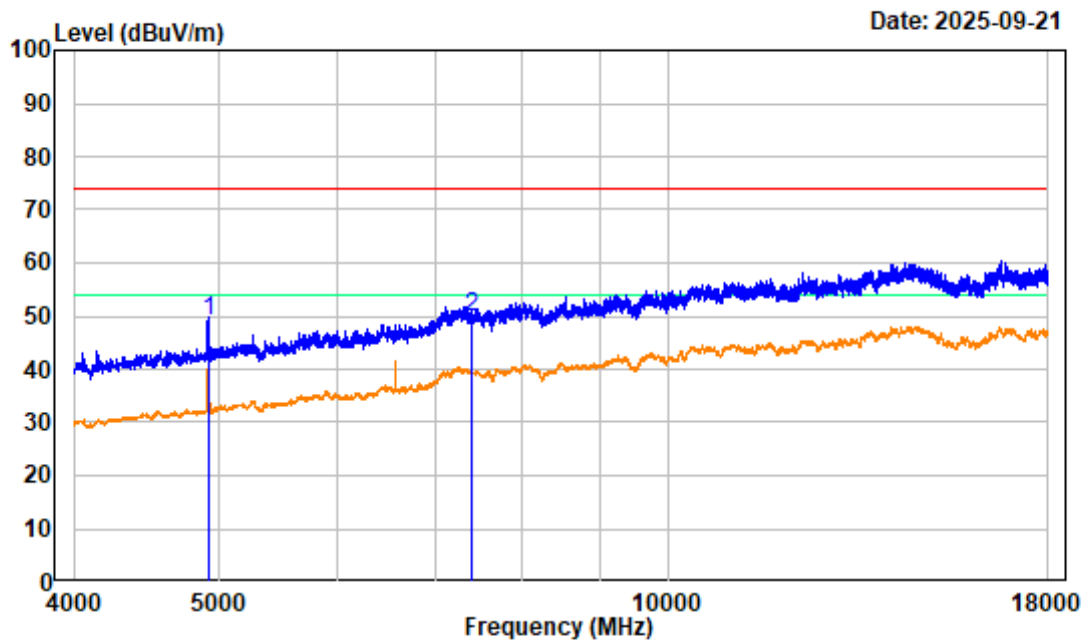
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX20 High Channel 2462MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	52.61	46.13	74.00	-27.87 peak
2	7386.000	-1.31	50.44	49.13	74.00	-24.87 peak

802.11AX20 High Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

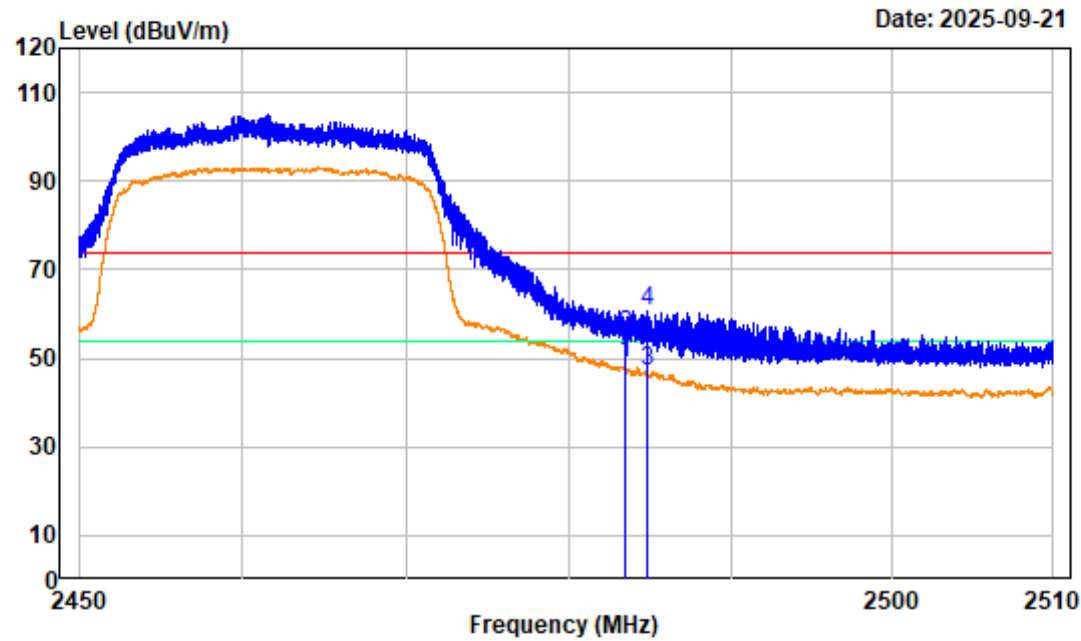
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX20 High Channel 2462MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.48	55.72	49.24	74.00	-24.76 peak
2	7386.000	-1.31	51.23	49.92	74.00	-24.08 peak

802.11AX20 High Channel Bandedge_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

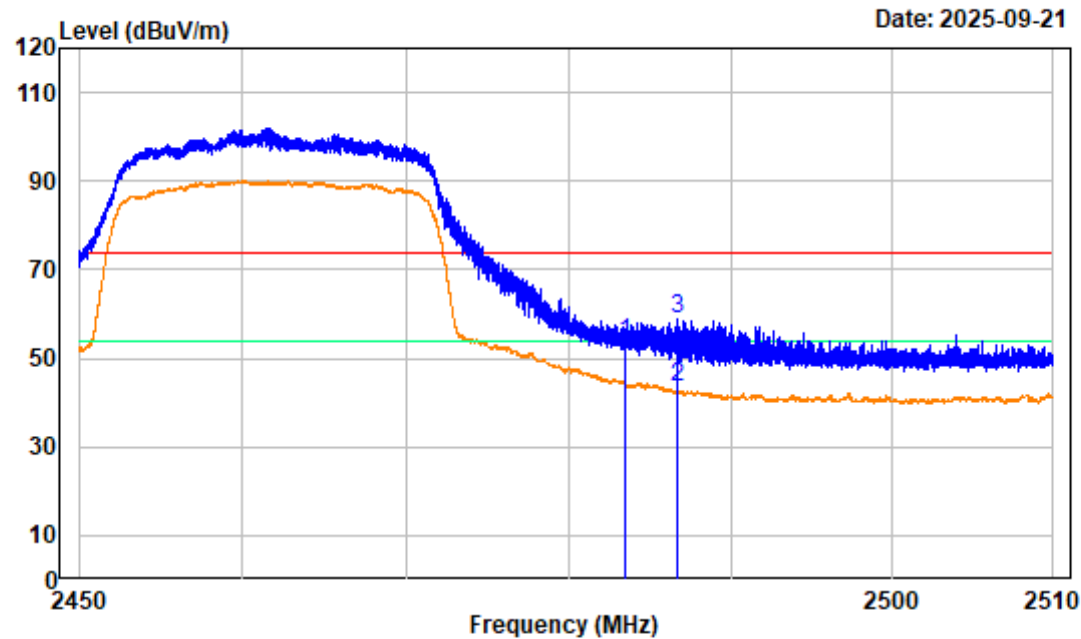
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX20 High Channel 2462MHz Bandedge

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	59.10	48.87	54.00	-5.13 Average
2	2483.500	-10.23	65.27	55.04	74.00	-18.96 peak
3	2484.853	-10.23	57.41	47.18	54.00	-6.82 Average
4	2484.853	-10.23	70.83	60.60	74.00	-13.40 Peak

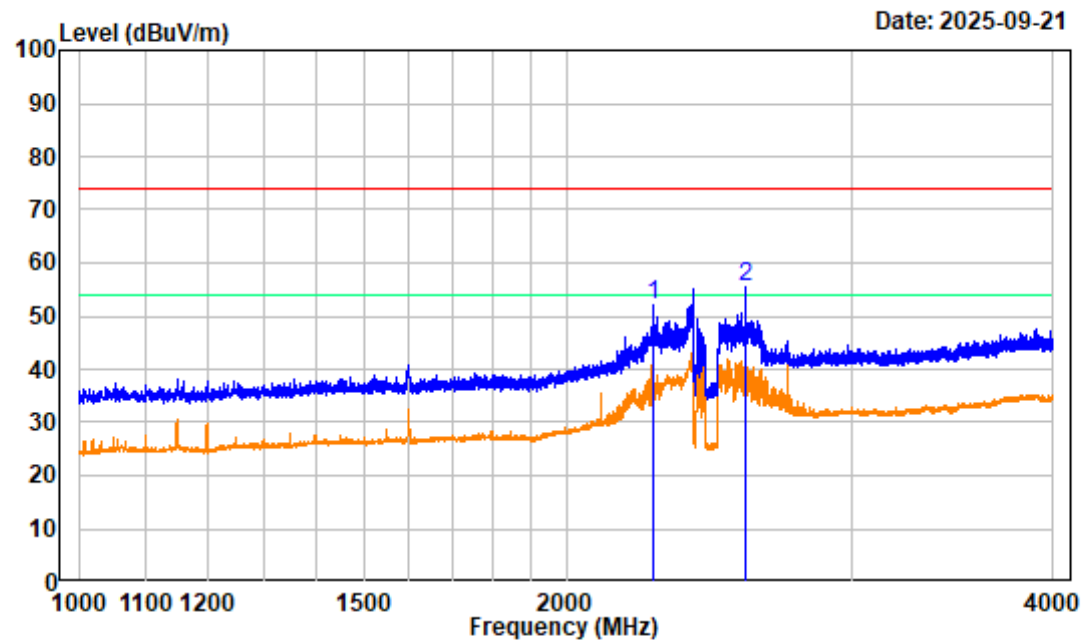
802.11AX20 High Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX20 High Channel 2462MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	63.48	53.25	74.00	-20.75 peak
2	2486.653	-10.25	53.56	43.31	54.00	-10.69 Average
3	2486.653	-10.25	68.92	58.67	74.00	-15.33 Peak

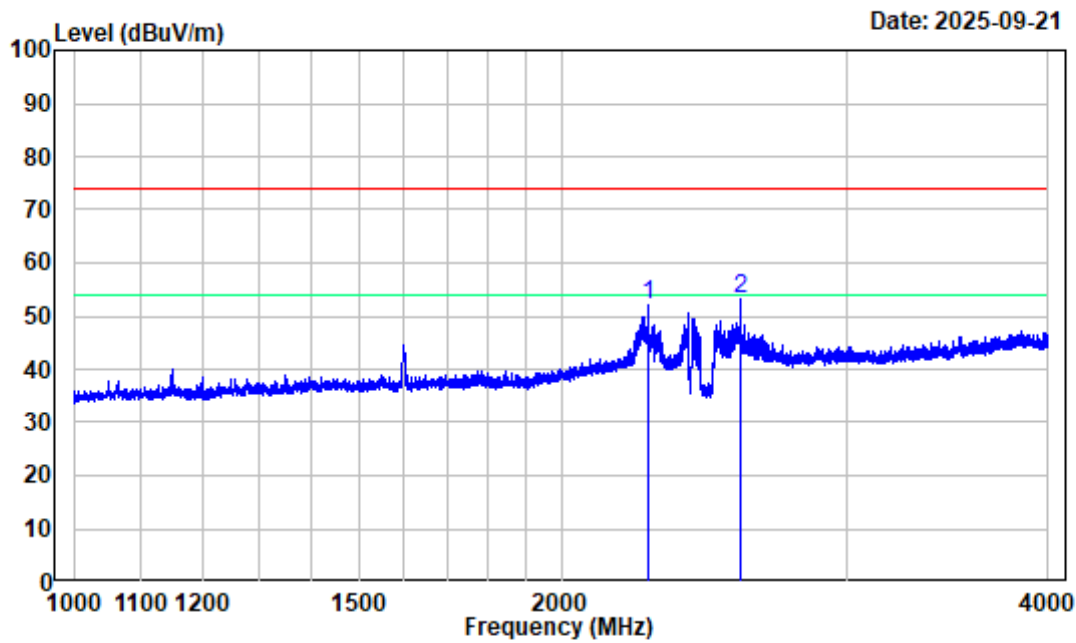
802.11AX40 Low Channel 1GHz-4GHz_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 Low Channel 2422MHz 1GHz-4GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2261.875	-10.09	62.21	52.12	74.00	-21.88 Peak
2	2582.125	-9.82	65.43	55.61	74.00	-18.39 Peak

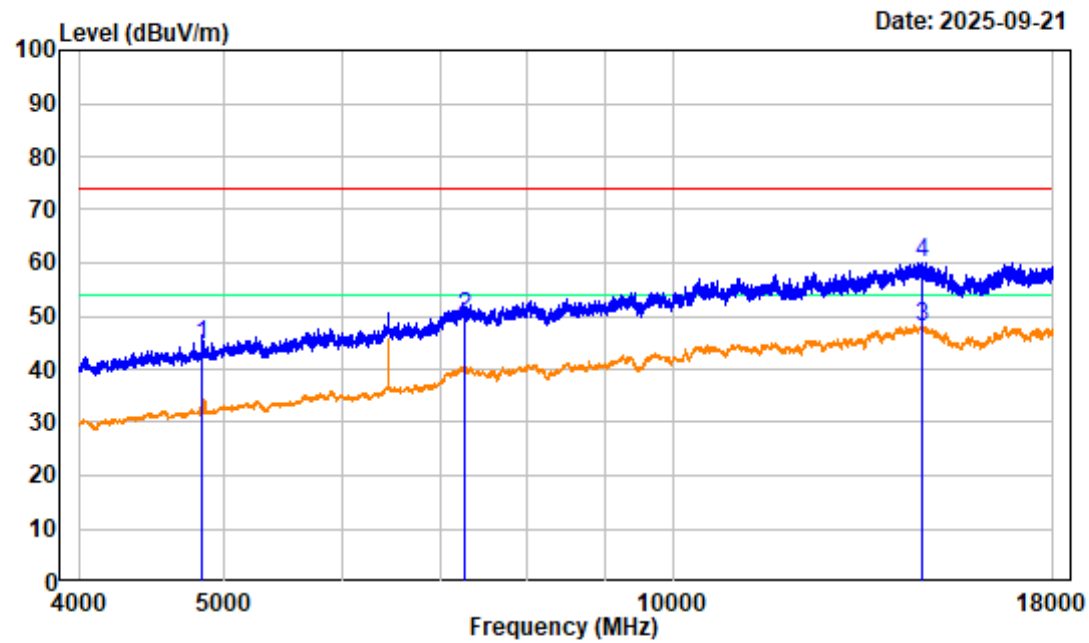
802.11AX40 Low Channel 1GHz-4GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 Low Channel 2422MHz 1GHz-4GHz
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	2261.875	-10.09	62.30	52.21	74.00	-21.79 Peak
2	2582.125	-9.82	62.91	53.09	74.00	-20.91 Peak

802.11AX40 Low Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

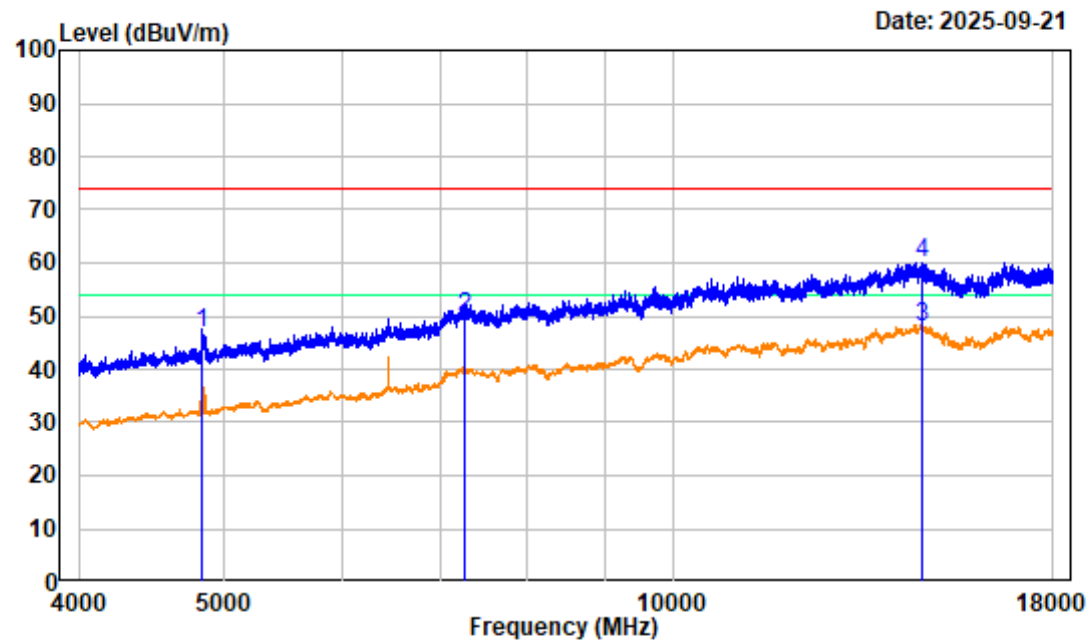
Tester:Lorne Huang

Note : 802.11AX40 Low Channel 2422MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4843.500	-6.64	51.07	44.43	74.00	-29.57 peak
2	7265.500	-1.23	51.17	49.94	74.00	-24.06 peak
3	14696.000	8.18	39.70	47.88	54.00	-6.12 Average
4	14696.000	8.18	51.83	60.01	74.00	-13.99 Peak

802.11AX40 Low Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

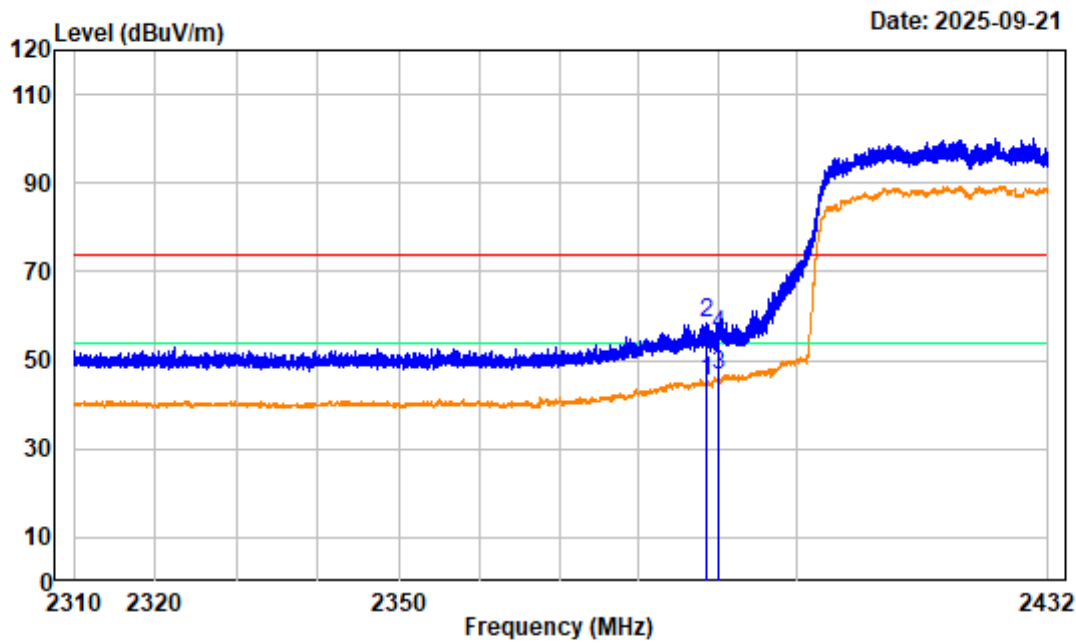
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 Low Channel 2422MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	4843.500	-6.64	53.25	46.61	74.00	-27.39 peak
2	7265.500	-1.23	50.95	49.72	74.00	-24.28 peak
3	14696.000	8.18	39.69	47.87	54.00	-6.13 Average
4	14696.000	8.18	51.73	59.91	74.00	-14.09 Peak

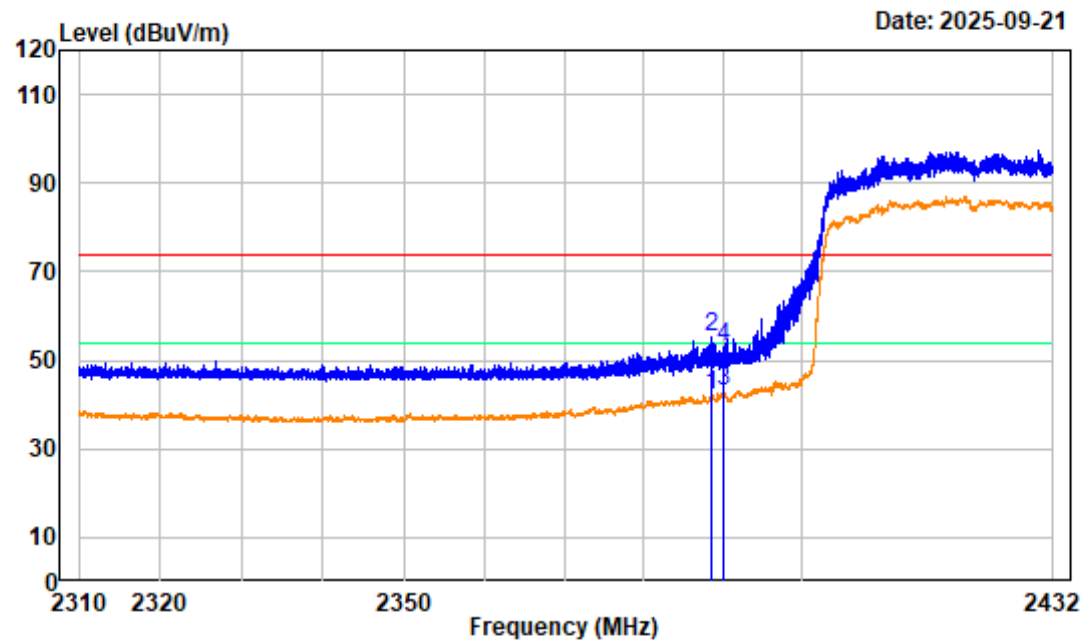
802.11AX40 Low Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 Low Channel 2422MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2388.568	-10.24	55.61	45.37	54.00	-8.63 Average
2	2388.568	-10.24	68.83	58.59	74.00	-15.41 Peak
3	2390.000	-10.25	56.97	46.72	54.00	-7.28 average
4	2390.000	-10.25	66.12	55.87	74.00	-18.13 peak

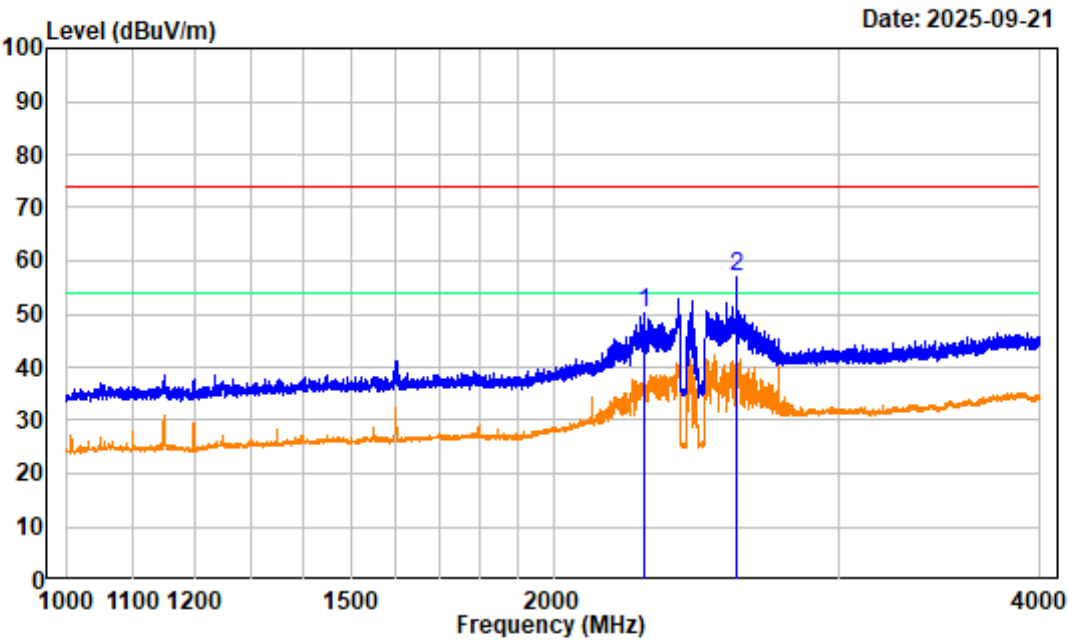
802.11AX40 Low Channel Bandedge_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 Low Channel 2422MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2388.507	-10.24	52.30	42.06	54.00	-11.94 Average
2	2388.507	-10.24	65.34	55.10	74.00	-18.90 Peak
3	2390.000	-10.25	53.29	43.04	54.00	-10.96 average
4	2390.000	-10.25	63.44	53.19	74.00	-20.81 peak

802.11AX40 Middle Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

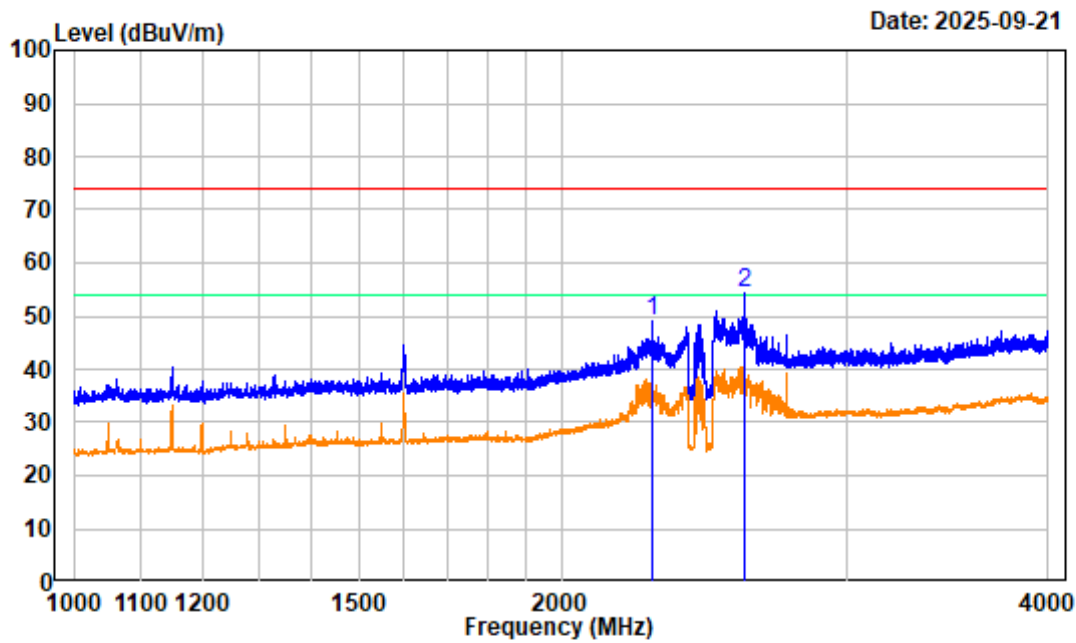
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	Limit	
1	2276.875	-9.99	60.17	50.18	74.00	-23.82 Peak
2	2597.500	-9.70	66.51	56.81	74.00	-17.19 Peak

802.11AX40 Middle Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

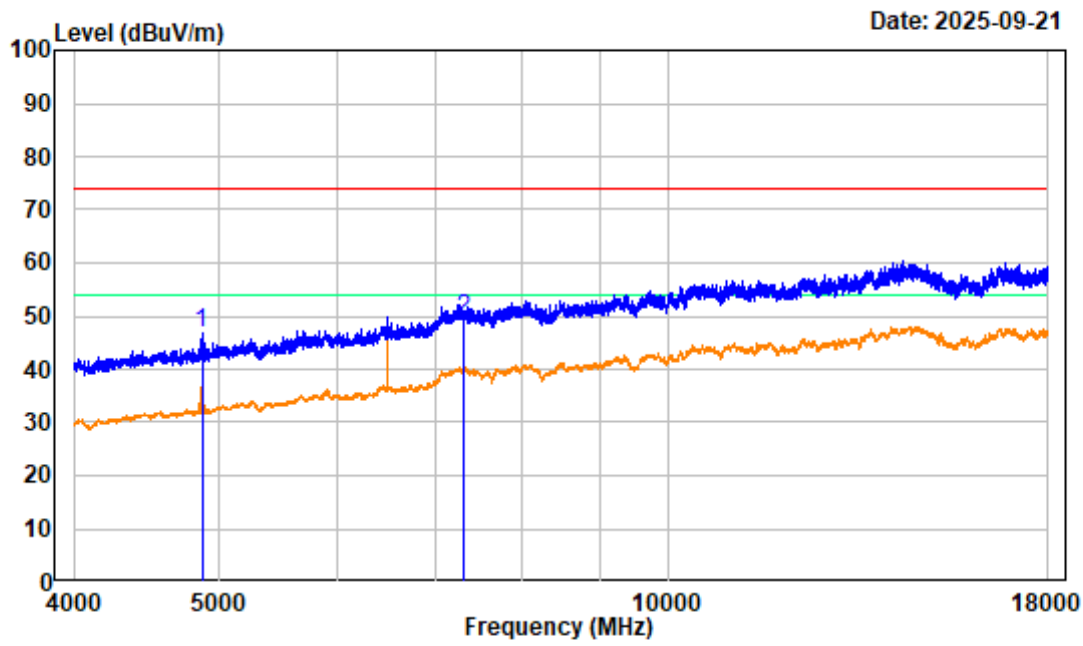
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 Middle Channel 2437MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	Limit	
1	2277.250	-9.99	58.91	48.92	74.00	-25.08 Peak
2	2597.125	-9.70	64.12	54.42	74.00	-19.58 Peak

802.11AX40 Middle Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

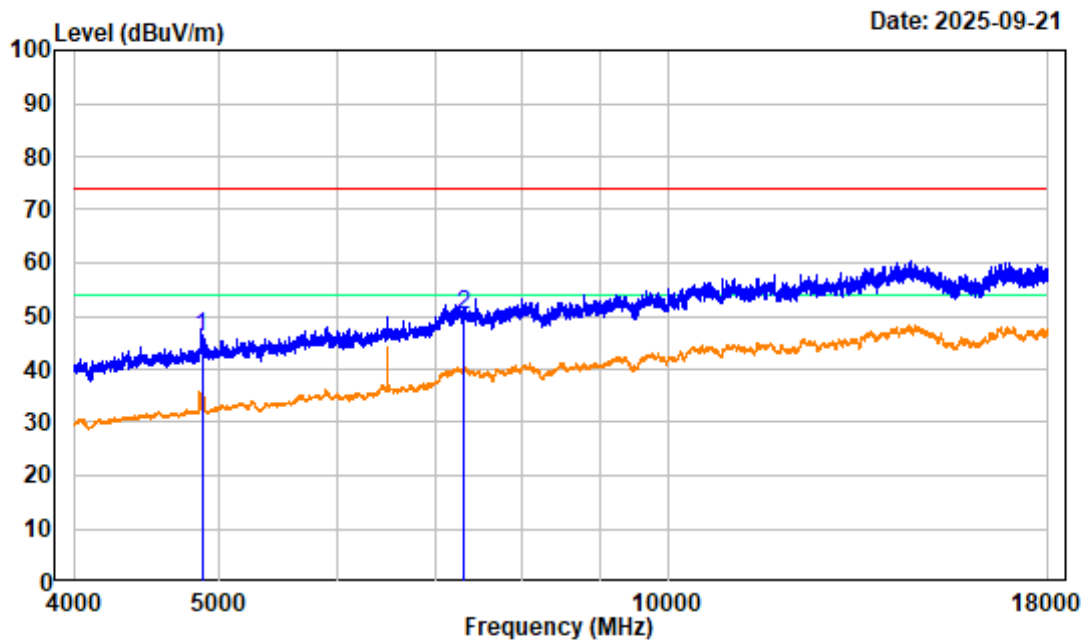
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 Middle Channel 2437MHz 4GHz-18GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	4874.000	-6.58	53.25	46.67	74.00	-27.33 peak
2	7311.000	-1.12	50.67	49.55	74.00	-24.45 peak

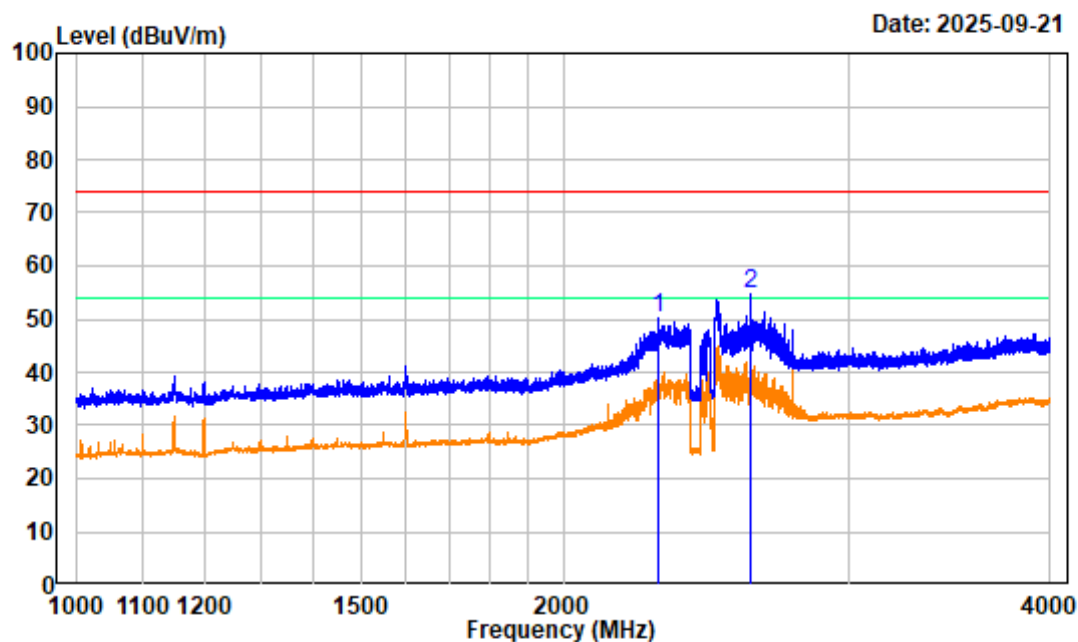
802.11AX40 Middle Channel 4GHz-18GHz_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 Middle Channel 2437MHz 4GHz-18GHz
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.58	52.62	46.04	74.00	-27.96 peak
2	7311.000	-1.12	51.20	50.08	74.00	-23.92 peak

802.11AX40 High Channel 1GHz-4GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

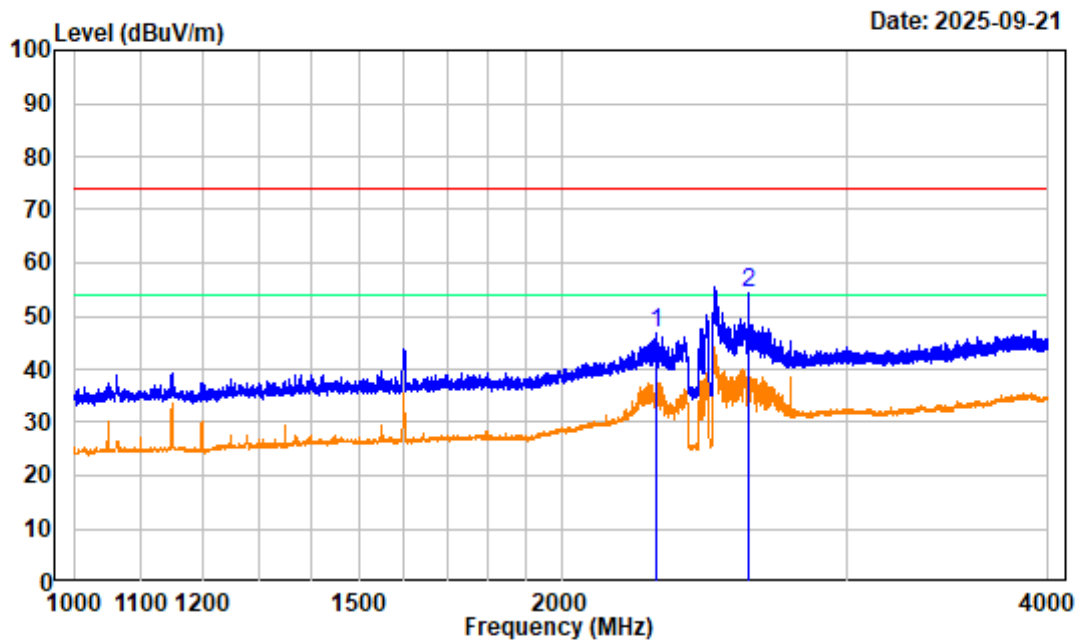
Tester: Lorne Huang

Note : 802.11AX40 High Channel 2452MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2291.875	-9.88	60.25	50.37	74.00	-23.63 Peak
2	2612.125	-9.84	64.49	54.65	74.00	-19.35 Peak

802.11AX40 High Channel 1GHz-4GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

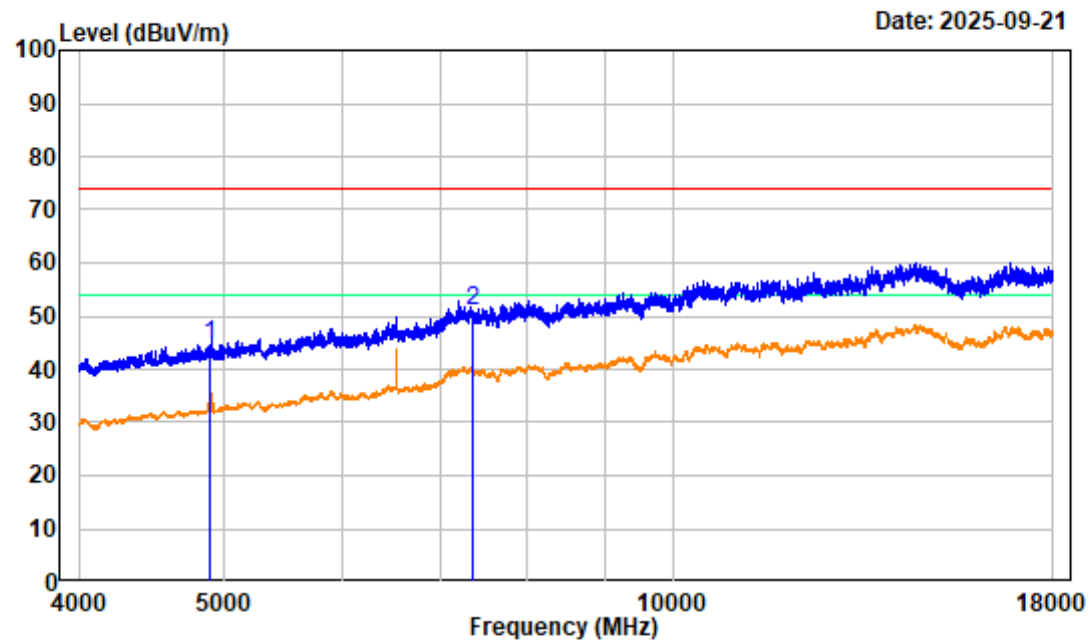
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 High Channel 2452MHz 1GHz-4GHz

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

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2292.250	-9.88	56.73	46.85	74.00	-27.15 Peak
2	2612.125	-9.84	64.09	54.25	74.00	-19.75 Peak

802.11AX40 High Channel 4GHz-18GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504X03184E-RF

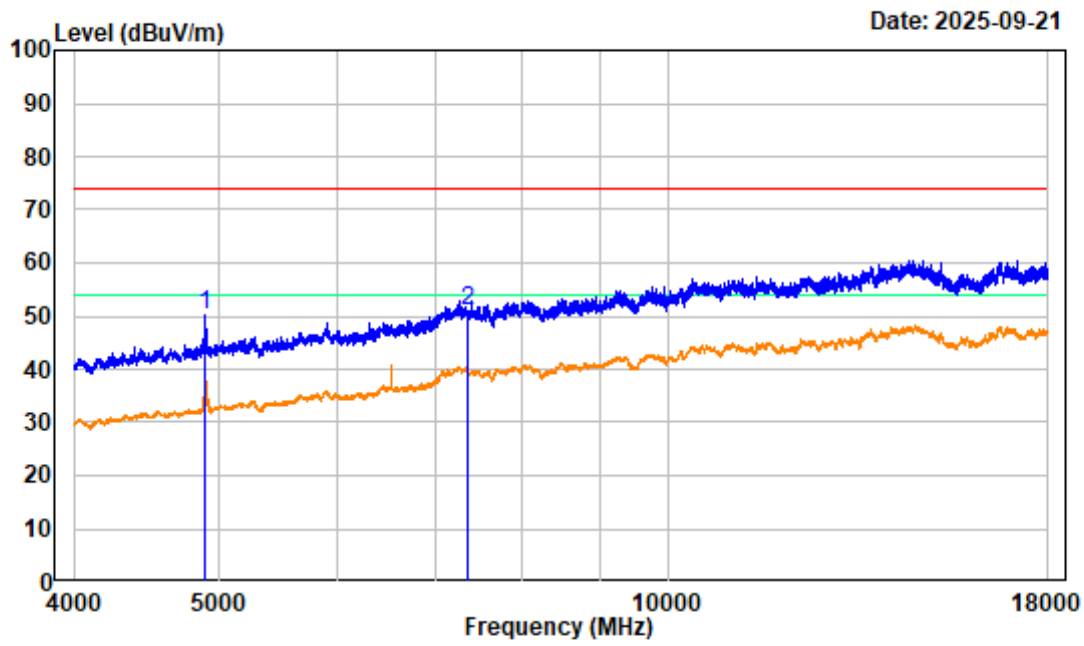
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 High Channel 2452MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.52	51.06	44.54	74.00	-29.46 peak
2	7356.000	-1.26	52.37	51.11	74.00	-22.89 peak

802.11AX40 High Channel 4GHz-18GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

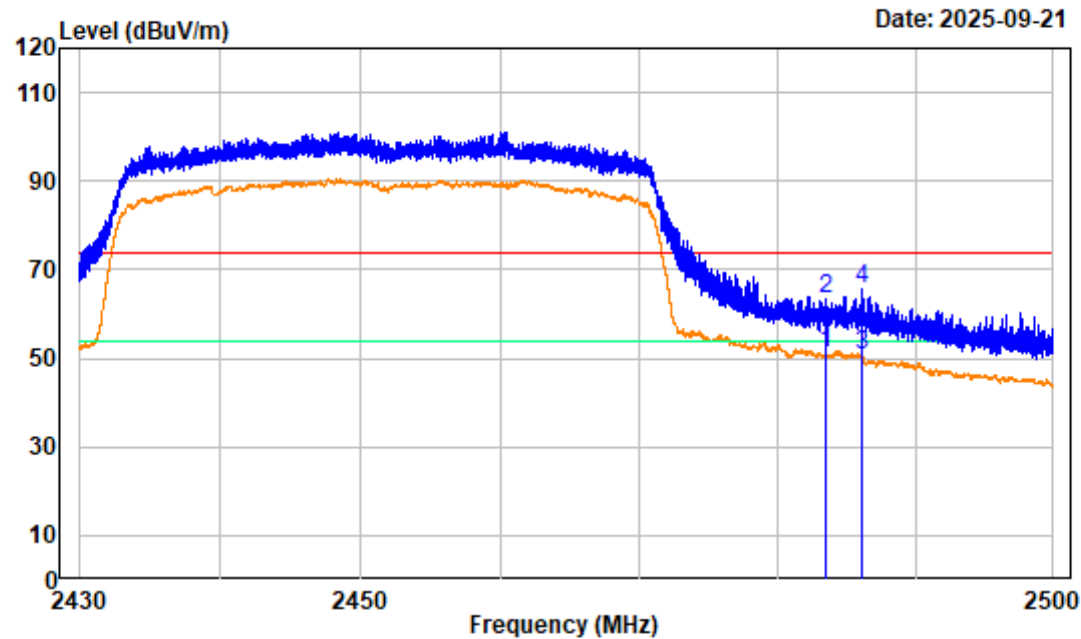
Test Mode : TransmittingTester:Lorne Huang

Note : 802.11AX40 High Channel 2452MHz 4GHz-18GHz

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.52	56.61	50.09	74.00	-23.91 peak
2	7356.000	-1.26	52.07	50.81	74.00	-23.19 peak

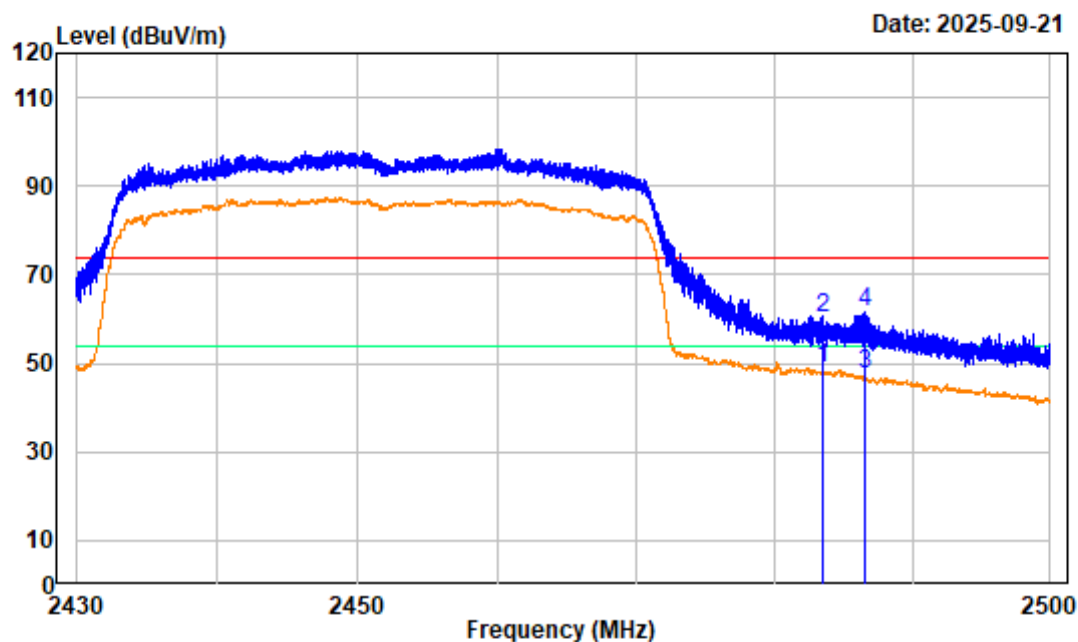
802.11AX40 High Channel Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X03184E-RF
Test Mode : Transmitting Tester:Lorne Huang
Note : 802.11AX40 High Channel 2452MHz Bandedge
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	61.18	50.95	54.00	-3.05 average
2	2483.500	-10.23	73.65	63.42	74.00	-10.58 peak
3	2486.123	-10.25	61.16	50.91	54.00	-3.09 Average
4	2486.123	-10.25	75.80	65.55	74.00	-8.45 Peak

802.11AX40 High Channel Bandedge_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X03184E-RF

Test Mode : Transmitting

Tester: Lorne Huang

Note : 802.11AX40 High Channel 2452MHz Bandedge

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

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.23	59.16	48.93	54.00	-5.07 average
2	2483.500	-10.23	70.24	60.01	74.00	-13.99 peak
3	2486.534	-10.25	57.65	47.40	54.00	-6.60 Average
4	2486.534	-10.25	71.94	61.69	74.00	-12.31 Peak