

# TEST REPORT

Applicant Name : Shenzhen Hua Xin Information Technology Co.,Ltd  
Address : B101-B801, building 4, No.7 Industrial Area, Heshuikou Community,  
Matian Street, Guangming District, Shenzhen, Guangdong, China.  
Report Number: 2504R26435E-RF-00B  
FCC ID: 2AMYQ-2025HXLH660S

## Test Standard (s)

FCC PART 15.247

## Sample Description

Product Type: Robotic vacuum cleaner  
Model No.: H660, H680, H1500  
Trade Mark: N/A  
Date Received: 2025-03-13  
Date of Test: 2025-03-27 to 2025-04-09  
Report Date: 2025-04-17

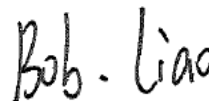
Test Result:	The EUT complied with the standards above.
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## Prepared and Checked By:



Matt Liang  
EMC Engineer

## Approved By:



Bob Liao  
EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked “#” is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked.  
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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504R26435E-RF-00B	Original Report	2025-04-17

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

Product	Robotic vacuum cleaner
Tested Model	H660, H680, H1500
Multiple Model	N/A
Frequency Range	2.4G Wi-Fi: 2412-2462MHz, 2422-2452MHz
Data Rate	802.11b/g/n20/n40
Maximum Conducted Peak Output Power	23.60 dBm
Modulation Technique	DSSS, OFDM
Antenna Specification <sup>#</sup>	2.0dBi(It is provided by the applicant.)
Voltage Range <sup>#</sup>	Model H660: DC 19V from Charging Base or DC 14.4V from Battery or DC 14.6V from Battery
	Model H680: DC 19V from Intelligent Sweeping Robot Dust Collector or DC 14.4V from Battery or DC 14.6V from Battery
	Model H1500: DC 19V from Base Station or DC 14.4V from Battery or DC 14.6V from Battery
Sample Serial Number	H660: 2ZQ0-1, H680: 2ZQ0-3, H1500: 2ZQ0-4 (For CE&RE Test) Main Body(H660): 2ZPZ-2(For RF Conducted Test) (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition
Adapter 1 Information <sup>#</sup> (For model H660)	Model: TEKA-AC1B190100US Input: AC 100-240V, 50/60Hz, 0.5A, Max Output: 19.0V ---1.0A
Adapter 2 Information <sup>#</sup> (For model H660)	Model: TEKA-AB1B190060US Input: AC 100-240V, 50/60Hz, 0.35A, Max Output: 19.0V ---0.6A
Battery 1 Information <sup>#</sup> (For model H660/H680/1500)	Model: HYY2121005 Nominal Voltage: 14.4V Typical Capacity: 5100mAh
Battery 2 Information <sup>#</sup> (For model H660/H680/1500)	Model: 18650-4S2P Nominal Voltage: 14.6V Typical Capacity: 5200mAh
Battery 3 Information <sup>#</sup> (For model H660/H680)	Model: HYY2121004 Nominal Voltage: 14.4V Typical Capacity: 2550mAh
Battery 4 Information <sup>#</sup> (For model H660/H680)	Model: 18650-4S1P Nominal Voltage: 14.6V Typical Capacity: 2600mAh
Note 1 <sup>#</sup> : The Robotic vacuum cleaner includes main body and accessories. Note 2 <sup>#</sup> : The Multiple models are electrically identical with the test model except for model name, package type, adapter, battery and bottom view of vacuum cleaner. Please refer to the declaration letter <sup>#</sup> for more detail, which was provided by applicant. Note 3: All tests were performed with the worst case was 5200mAh battery.	

## Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission's rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 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 KDB 558074 D01 15.247 Meas Guidance v05r02.

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		$0.064 \times 10^{-7}$
RF output power, conducted		0.3dB
Unwanted Emission, conducted		1.2dB
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
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

For 2.4G Wi-Fi, total 11channels 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, 802.11g, 802.11n20 mode was tested with Channel 1, 6 and 11.

802.11n40 mode was tested with Channel 3, 6 and 9.

EUT Exercise Software and Power Level<sup>#</sup>

Exercise Software:		Secure CRT		
Mode	Data Rate	Power Level		
		Low Channel	Middle Channel	High Channel
802.11 b	1Mbps	40	40	40
802.11 g	6Mbps	55	55	55
802.11 n20	MCS0	55	55	55
802.11 n40	MCS0	55	55	55

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

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Hua Xin	Base Station	H1500	Unknown

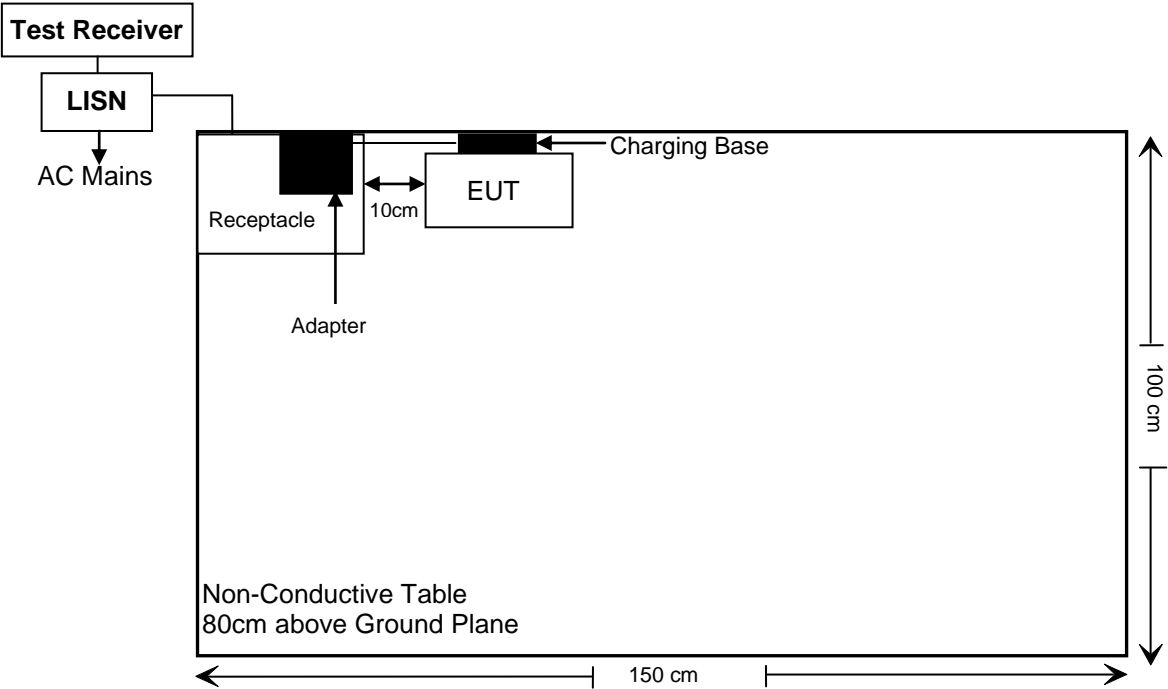
External I/O Cable

Cable Description	Shielding Type	Length (m)	From Port	To
AC cable	No	1.0	Receptacle	LISN
DC Cable	No	1.85	Adapter	Charging Base
AC Cable	No	1.4	LISN/Receptacle	Intelligent Sweeping Robot Dust Collector
AC Cable	No	1.75	LISN/Receptacle	Base Station

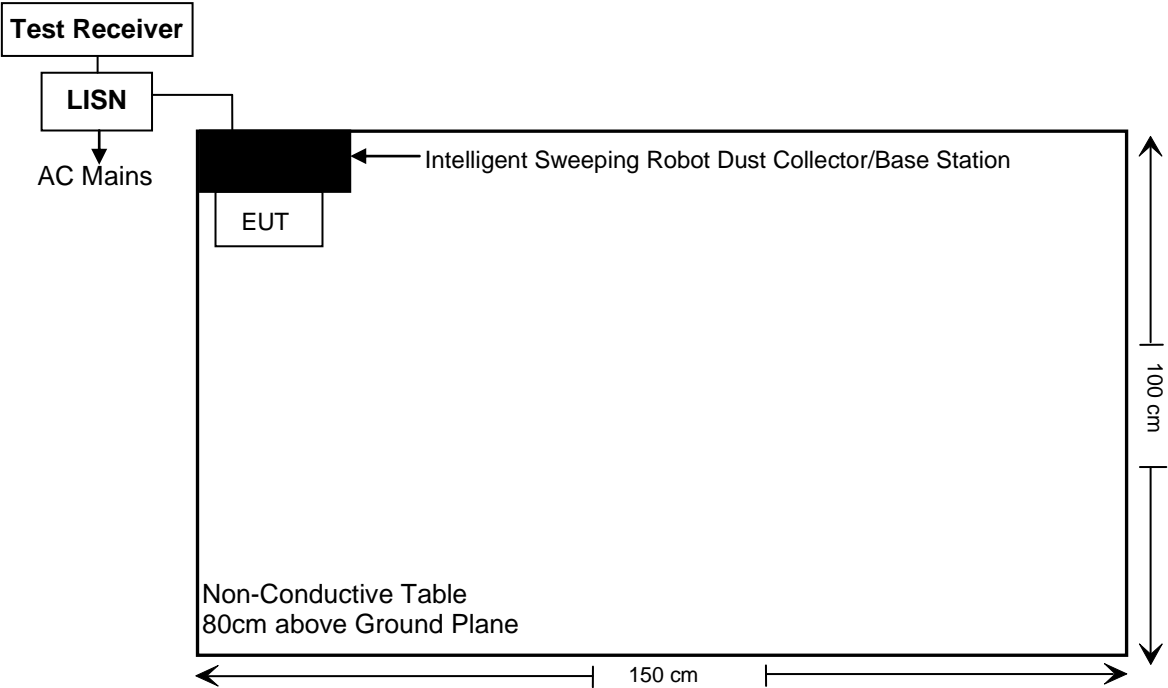
Block Diagram of Test Setup

For Conducted Emission:

For 2ZQ0-1(H660)



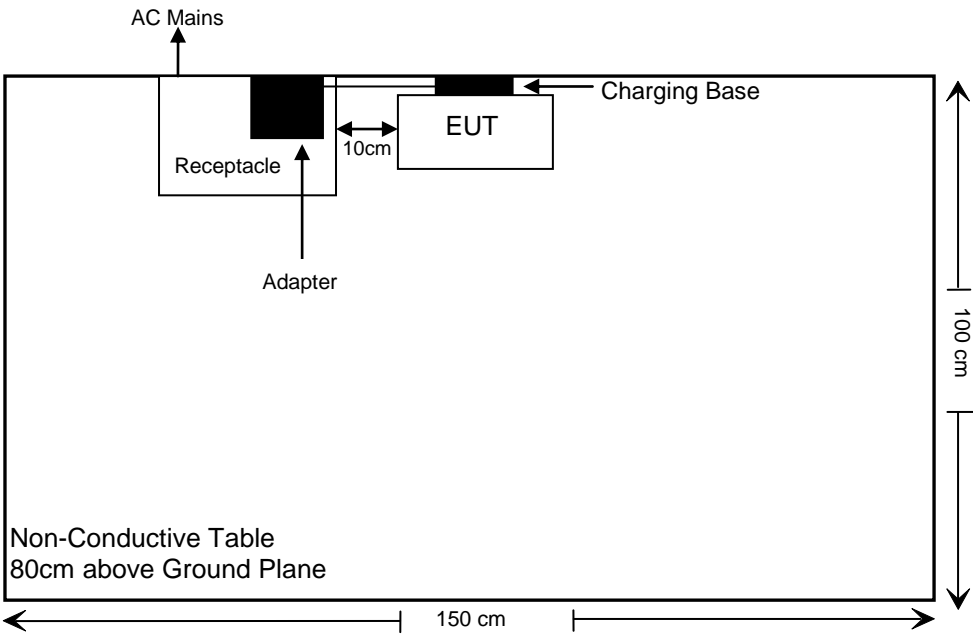
For 2ZQ0-3(H680) / 2ZQ0-4(H1500)



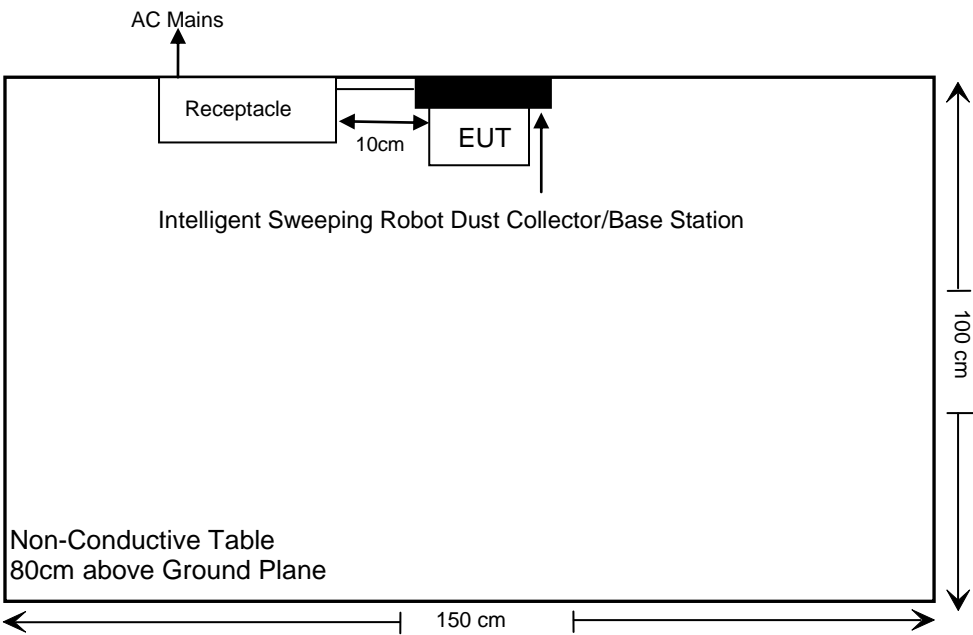


For Radiated Emission Below 1GHz:

For 2ZQ0-1(H660)

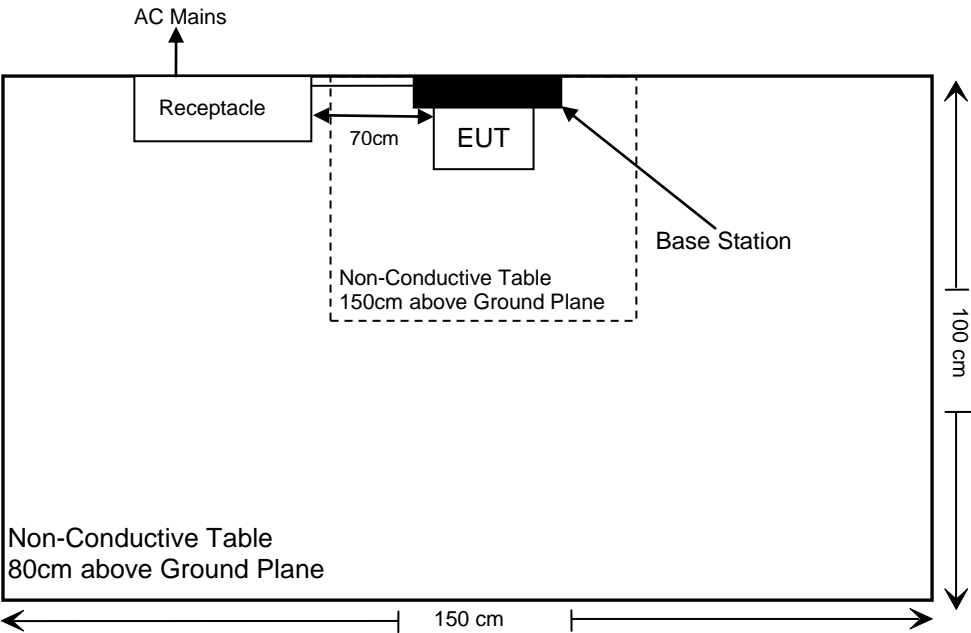


For 2ZQ0-3(H680) / 2ZQ0-4(H1500)



For Radiated Emission Above 1GHz:

For 2ZQ0-4(H1500)



## SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310&§2.1091	RF Exposure	Compliance
§15.203	Antenna Requirement	Compliance
§15.207(a)	AC Line Conducted Emissions	Compliance
§15.205, §15.209, §15.247(d)	Radiated Spurious Emissions	Compliance
§15.247(a)(2)	6 dB Emission Bandwidth & Occupied Bandwidth	Compliance
§15.247(b)(1)	Maximum Conducted Output Power	Compliance
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliance
§15.247(e)	Power Spectral Density	Compliance

Note 1: For AC line conducted emissions, the maximum output power mode and channel was tested.

Note 2: For Radiated Spurious Emissions 9kHz~1GHz, the maximum output power mode and channel was tested.

Note 3: This device is installed vertically in X-axes orientation. It was provided by applicant. The X-axes orientation was tested and recorded in the report.

Note 4: 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
<b>Conducted Emissions Test</b>					
Rohde & Schwarz	EMI Test Receiver	ESCI	100784	2024/11/08	2025/11/07
Rohde & Schwarz	L.I.S.N.	ENV216	101314	2024/11/08	2025/11/07
Anritsu Corp	50 Coaxial Switch	MP59B	6100237248	2024/10/08	2025/10/07
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	100312	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.17	N0350	2024/10/08	2025/10/07
Test Software: e3 191218 (V9)					
<b>Radiated Spurious Emission Test(Below 1GHz)</b>					
Rohde & Schwarz	Test Receiver	ESR	102725	2024/11/08	2025/11/07
SONOMA INSTRUMENT	Amplifier	310N	186131	2024/05/24	2025/05/23
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.13	N300	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.14	N800	2024/10/08	2025/10/07
BACL	LOOP ANTENNA	1313-1A	3110711	2024/01/16	2027/01/15
Test Software: e3 191218 (V9)					
<b>Radiated Spurious Emission Test(Above 1GHz)</b>					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2024/10/08	2025/10/07
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2024/10/08	2025/10/07
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2024/10/08	2025/10/07
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2024/05/24	2025/05/23
Schwarzbeck	Horn Antenna	BBHA9120D	837	2023/02/22	2026/02/21
Unknown	RF Coaxial Cable	No.10	N050	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.11	N1000	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.19	N500	2024/10/08	2025/10/07
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11
BACL	Amplifier	BACL-1313-A1840	4012521	2024/07/05	2025/07/04
Unknown	RF Coaxial Cable	No.15	N600	2024/10/08	2025/10/07
Unknown	RF Coaxial Cable	No.16	N650	2024/10/08	2025/10/07
Test Software: e3 191218 (V9)					

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted test					
Rohde & Schwarz	Spectrum Analyzer	FSV-40	101948	2024/10/08	2025/10/07
Anritsu	Microwave Peak Power Sensor	MA24418A	12619	2024/05/24	2025/05/23
WEINSCHEL	10dB Attenuator	5324	AU 3842	2024/10/08	2025/10/07
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).

## RF EXPOSURE

### Applicable Standard

According to FCC §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB 447498 D04 Interim General RF Exposure Guidance v01, clause 2.1.4 –MPE-Based Exemption:

An alternative to the SAR-based exemption is provided in § 1.1307(b)(3)(i)(C), for a much wider frequency range, from 300 kHz to 100 GHz, applicable for separation distances greater or equal to  $\lambda/2\pi$ , where  $\lambda$  is the free-space operating wavelength in meters. The MPE-based test exemption condition is in terms of ERP, defined as the product of the maximum antenna gain and the delivered maximum time-averaged power. For this case, a RF source is an RF exempt device if its ERP (watts) is no more than a frequency-dependent value, as detailed tabular form in Appendix B. These limits have been derived based on the basic specifications on Maximum Permissible Exposure (MPE) considered for the FCC rules in § 1.1310(e)(1).

Table to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$ .
1.34-30	$3,450 R^2/f^2$ .
30-300	$3.83 R^2$ .
300-1,500	$0.0128 R^2 f$ .
1,500-100,000	$19.2 R^2$ .

f = frequency in MHz;

R = minimum separation distance from the body of a nearby person (appropriate units, e.g., m);

### Test result

For worst case:

Mode	Frequency Range (MHz)	Maximum Conducted Output Power (dBm)	Tune-Up Conducted Output Power <sup>#</sup> (dBm)	Antenna Gain <sup>#</sup>		ERP		Evaluation Distance (cm)	MPE-Based Exemption (mW)
				(dBi)	(dBd)	(dBm)	(mW)		
BLE	2402-2480	7.20	8.0	2.0	-0.15	7.85	6.1	20	768.0
2.4G WIFI	2412-2462	23.60	24.0	2.0	-0.15	23.85	242.66	20	768.0

Note 1: The tune-up conducted power and antenna gain were declared by the applicant.

Note 2: 0dBd=2.15dBi.

Note 3: The BLE and 2.4G WIFI can't transmission simultaneously.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

**Result: Compliance.**

## FCC §15.203-ANTENNA REQUIREMENT

### Applicable Standard

According to § 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 15.247 (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.

### Antenna Connector Construction

The EUT has one internal antenna arrangement, which were permanently attached to the EUT, fulfill the requirement of this section. Please refer to the EUT photos.

Frequency Range	Antenna gain
2412-2462 MHz	2.0 dBi

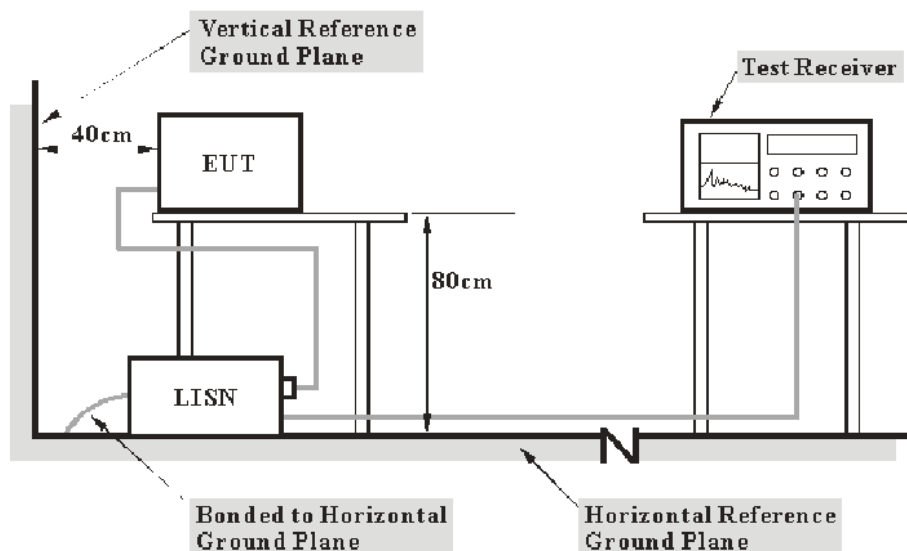
**Result:** Compliance.

## FCC §15.207 (a)-AC LINE CONDUCTED EMISSIONS

### Applicable Standard

FCC §15.207(a).

### 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 30MHz.

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 outlet of the LISN.

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

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



## Calculation

The Factor is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Limiter Attenuation. 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

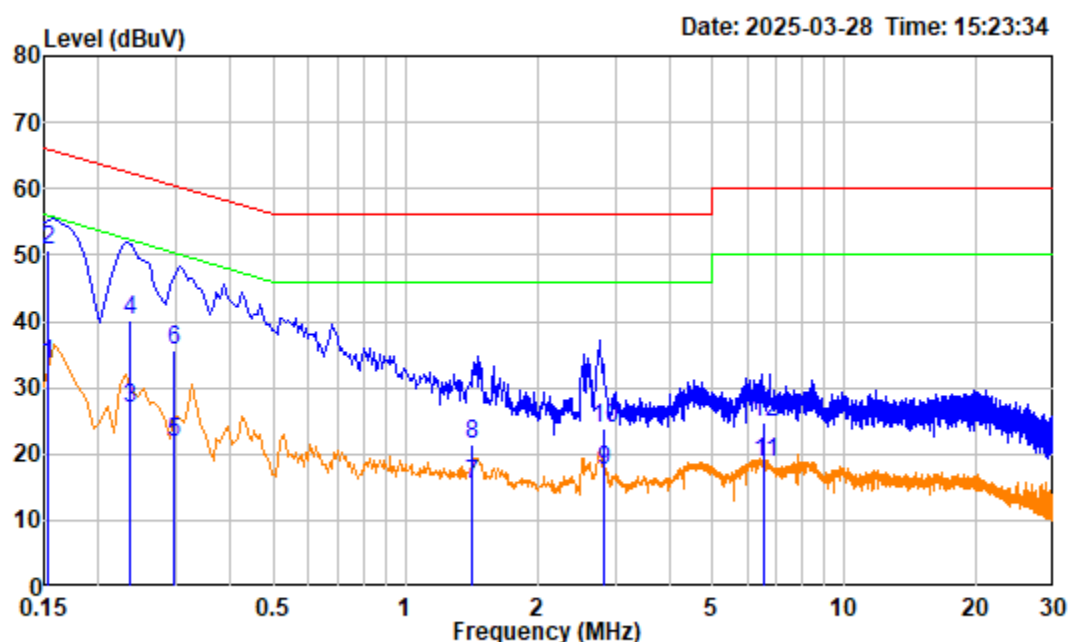
Temperature:	21.6 °C
Relative Humidity:	52 %
ATM Pressure:	100.4 kPa
Test Engineer:	Jason Fan
Test Date:	2025-03-28
EUT Operation Mode:	2.4G WIFI Transmitting

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

*Note: The maximum output power mode and channel: 802.11g High Channel was tested.*

## For 2ZQ0-1(H660), Adapter 1

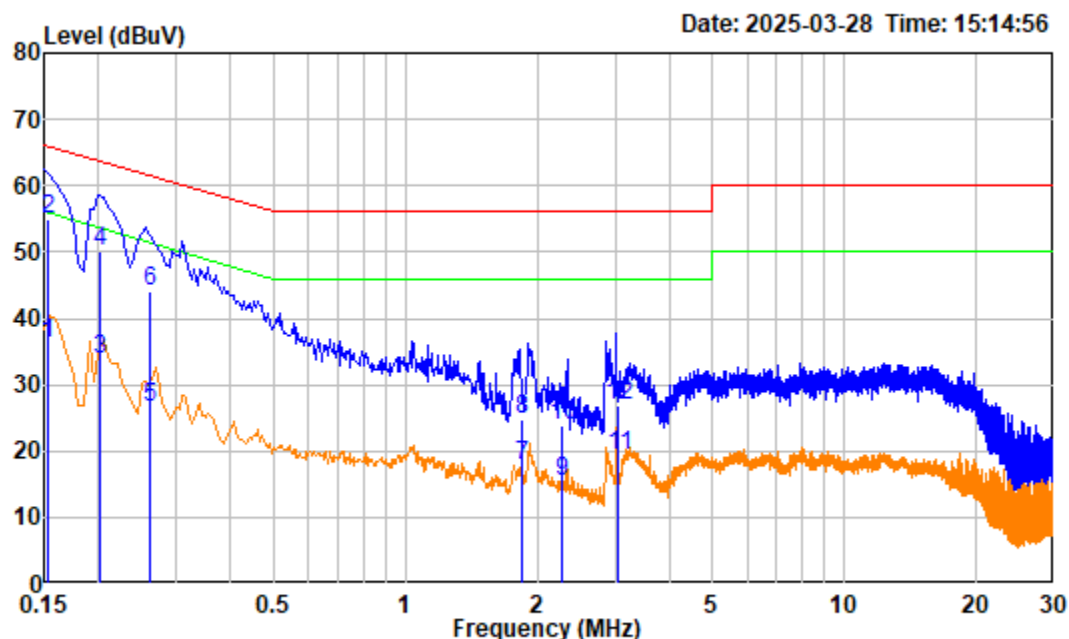
AC 120V/60Hz, Line:



Site : Shielding Room  
 Condition : Line  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H660 Adapter 1#  
 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	0.154	20.04	13.62	33.66	55.79	-22.13	Average
2	0.154	20.04	30.70	50.74	65.79	-15.05	QP
3	0.236	20.18	6.68	26.86	52.24	-25.38	Average
4	0.236	20.18	19.86	40.04	62.24	-22.20	QP
5	0.297	20.13	1.51	21.64	50.34	-28.70	Average
6	0.297	20.13	15.63	35.76	60.34	-24.58	QP
7	1.423	20.36	-4.90	15.46	46.00	-30.54	Average
8	1.423	20.36	1.00	21.36	56.00	-34.64	QP
9	2.820	20.41	-2.82	17.59	46.00	-28.41	Average
10	2.820	20.41	3.32	23.73	56.00	-32.27	QP
11	6.576	20.58	-1.82	18.76	50.00	-31.24	Average
12	6.576	20.58	4.20	24.78	60.00	-35.22	QP

## AC 120V/60Hz, Neutral:

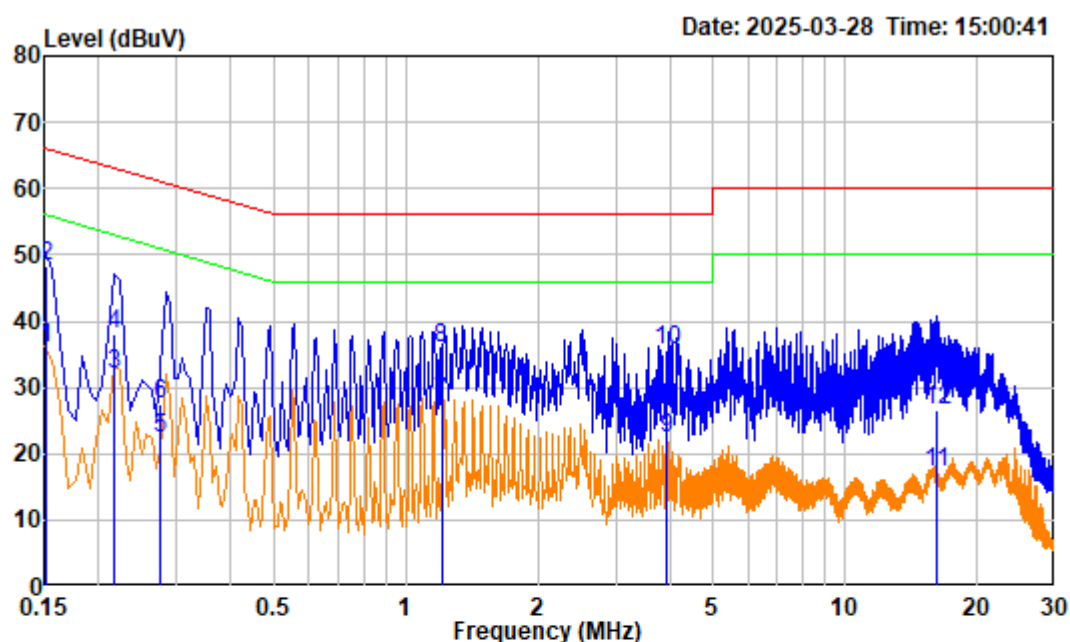


Site : Shielding Room  
 Condition : neutral  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H660 Adapter 1#  
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.153	19.91	16.43	36.34	55.84	-19.50	Average
2	0.153	19.91	35.13	55.04	65.84	-10.80	QP
3	0.202	19.82	13.93	33.75	53.54	-19.79	Average
4	0.202	19.82	30.25	50.07	63.54	-13.47	QP
5	0.262	19.82	6.89	26.71	51.37	-24.66	Average
6	0.262	19.82	24.21	44.03	61.37	-17.34	QP
7	1.846	20.23	-2.38	17.85	46.00	-28.15	Average
8	1.846	20.23	4.42	24.65	56.00	-31.35	QP
9	2.273	20.21	-4.80	15.41	46.00	-30.59	Average
10	2.273	20.21	3.71	23.92	56.00	-32.08	QP
11	3.062	20.21	-0.81	19.40	46.00	-26.60	Average
12	3.062	20.21	6.70	26.91	56.00	-29.09	QP

## For 2ZQ0-1(H660), Adapter 2

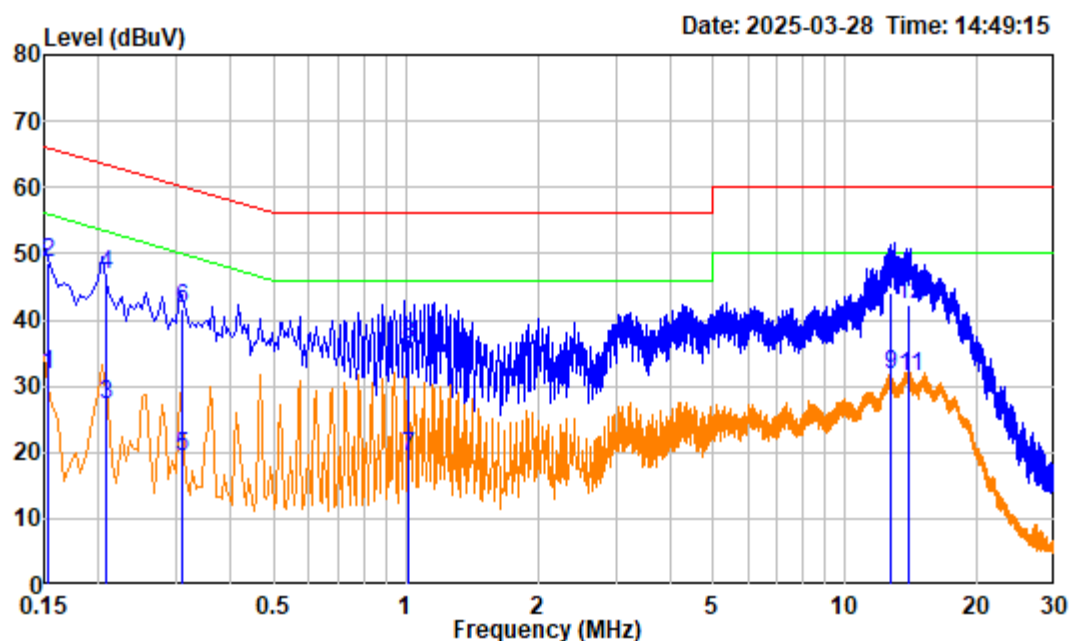
AC 120V/60Hz, Line:



Site : Shielding Room  
 Condition : Line  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H660 Adapter 2#  
 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	0.151	20.03	15.99	36.02	55.93	-19.91	Average
2	0.151	20.03	28.24	48.27	65.93	-17.66	QP
3	0.217	20.20	11.91	32.11	52.92	-20.81	Average
4	0.217	20.20	17.95	38.15	62.92	-24.77	QP
5	0.275	20.15	2.29	22.44	50.96	-28.52	Average
6	0.275	20.15	7.30	27.45	60.96	-33.51	QP
7	1.204	20.34	7.45	27.79	46.00	-18.21	Average
8	1.204	20.34	15.48	35.82	56.00	-20.18	QP
9	3.918	20.44	1.80	22.24	46.00	-23.76	Average
10	3.918	20.44	15.04	35.48	56.00	-20.52	QP
11	16.104	19.83	-2.69	17.14	50.00	-32.86	Average
12	16.104	19.83	6.72	26.55	60.00	-33.45	QP

## AC 120V/60Hz, Neutral:

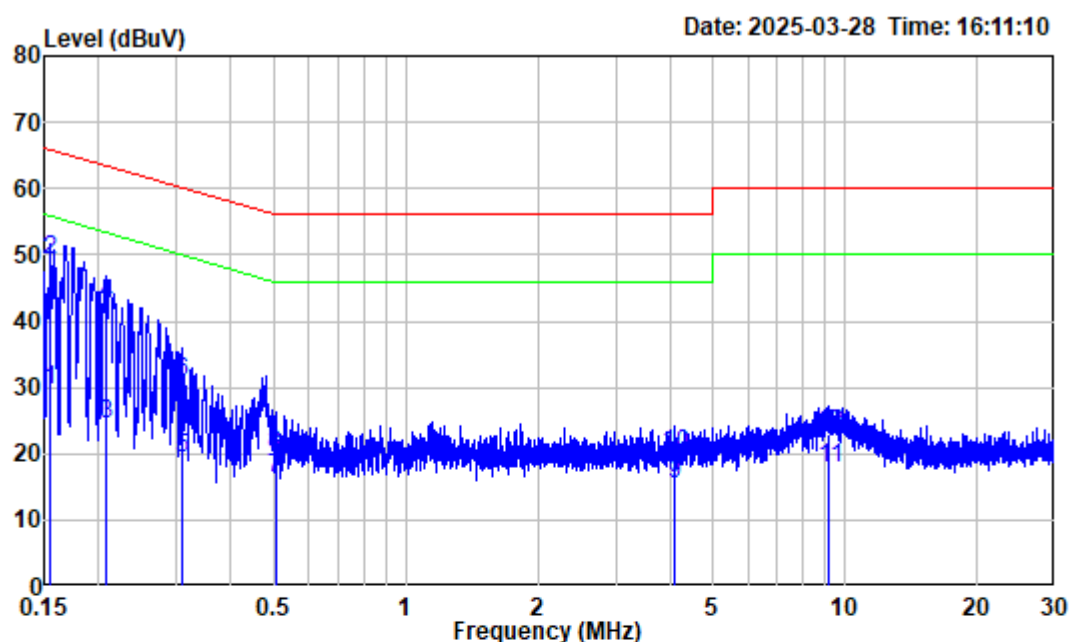


Site : Shielding Room  
 Condition : neutral  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H660 Adapter 2#  
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.154	19.91	11.76	31.67	55.79	-24.12	Average
2	0.154	19.91	28.75	48.66	65.79	-17.13	QP
3	0.208	19.82	7.26	27.08	53.30	-26.22	Average
4	0.208	19.82	26.98	46.80	63.30	-16.50	QP
5	0.308	19.82	-0.41	19.41	50.02	-30.61	Average
6	0.308	19.82	21.92	41.74	60.02	-18.28	QP
7	1.010	20.41	-1.05	19.36	46.00	-26.64	Average
8	1.010	20.41	15.74	36.15	56.00	-19.85	QP
9	12.731	20.20	11.59	31.79	50.00	-18.21	Average
10	12.731	20.20	23.88	44.08	60.00	-15.92	QP
11	13.977	20.15	11.37	31.52	50.00	-18.48	Average
12	13.977	20.15	22.12	42.27	60.00	-17.73	QP

## 2ZQ0-3(H680)

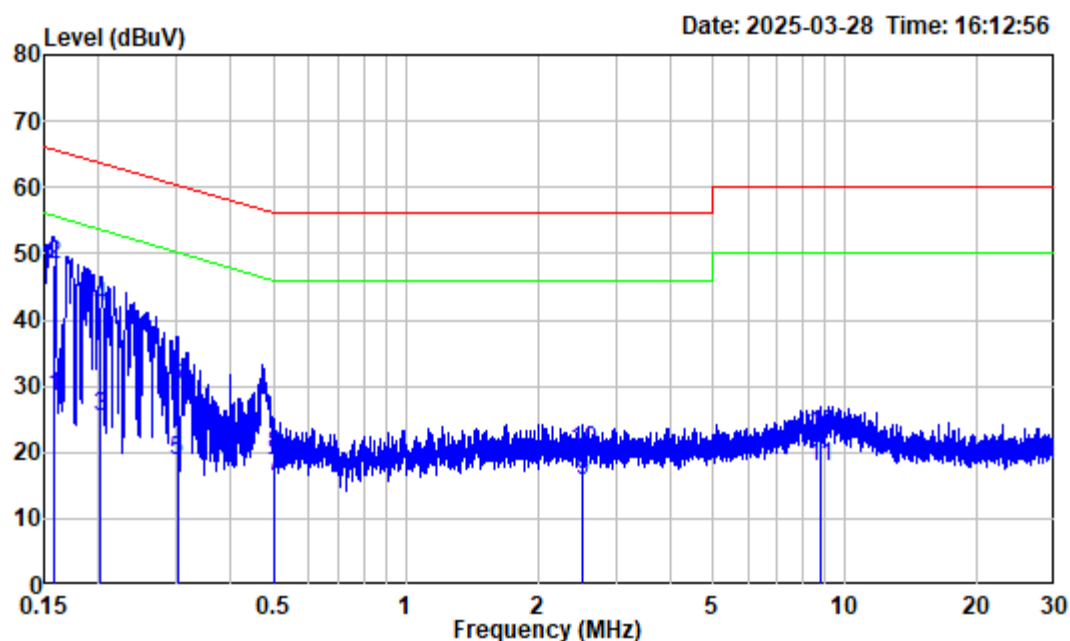
AC 120V/60Hz, Line:



Site : Shielding Room  
 Condition : Line  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 Note : H680  
 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	0.155	20.04	9.63	29.67	55.74	-26.07	Average
2	0.155	20.04	29.27	49.31	65.74	-16.43	QP
3	0.207	20.21	4.12	24.33	53.32	-28.99	Average
4	0.207	20.21	22.23	42.44	63.32	-20.88	QP
5	0.308	20.13	-0.81	19.32	50.02	-30.70	Average
6	0.308	20.13	10.71	30.84	60.02	-29.18	QP
7	0.504	20.02	-3.72	16.30	46.00	-29.70	Average
8	0.504	20.02	-0.19	19.83	56.00	-36.17	QP
9	4.095	20.45	-4.91	15.54	46.00	-30.46	Average
10	4.095	20.45	-0.42	20.03	56.00	-35.97	QP
11	9.198	20.00	-2.08	17.92	50.00	-32.08	Average
12	9.198	20.00	3.07	23.07	60.00	-36.93	QP

## AC 120V/60Hz, Neutral:

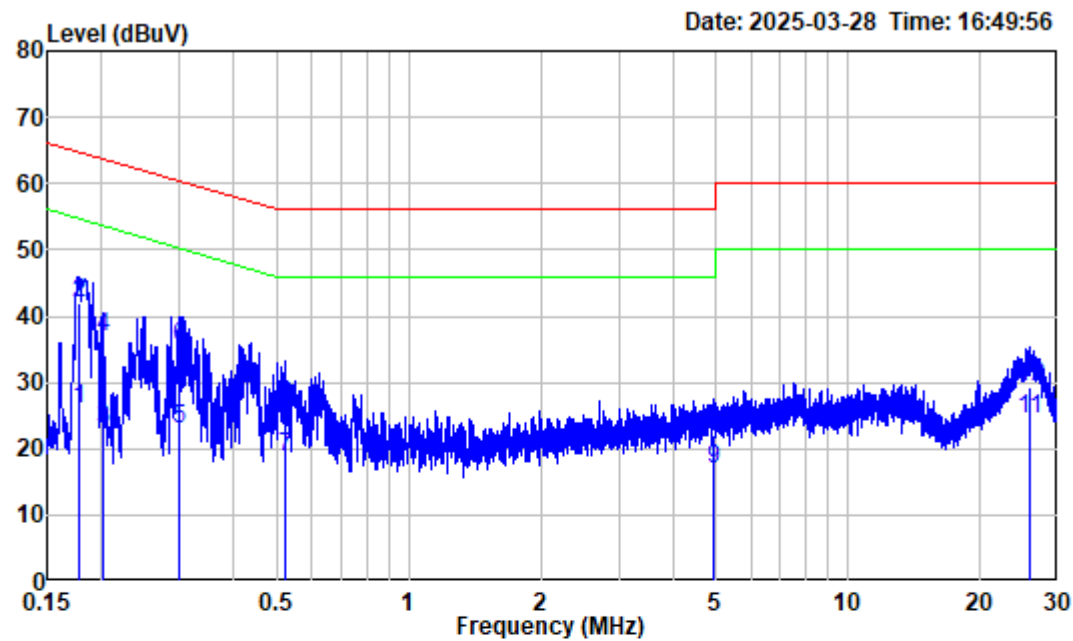


Site : Shielding Room  
 Condition : Neutral  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H680  
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.157	19.90	8.36	28.26	55.60	-27.34	Average
2	0.157	19.90	28.44	48.34	65.60	-17.26	QP
3	0.202	19.82	5.57	25.39	53.52	-28.13	Average
4	0.202	19.82	22.12	41.94	63.52	-21.58	QP
5	0.301	19.82	-1.18	18.64	50.20	-31.56	Average
6	0.301	19.82	10.05	29.87	60.20	-30.33	QP
7	0.503	19.83	-3.60	16.23	46.00	-29.77	Average
8	0.503	19.83	-0.12	19.71	56.00	-36.29	QP
9	2.517	20.21	-4.56	15.65	46.00	-30.35	Average
10	2.517	20.21	0.08	20.29	56.00	-35.71	QP
11	8.764	20.37	-2.64	17.73	50.00	-32.27	Average
12	8.764	20.37	2.42	22.79	60.00	-37.21	QP

For 2ZQ0-4(H1500)

AC 120V/60Hz, Line:

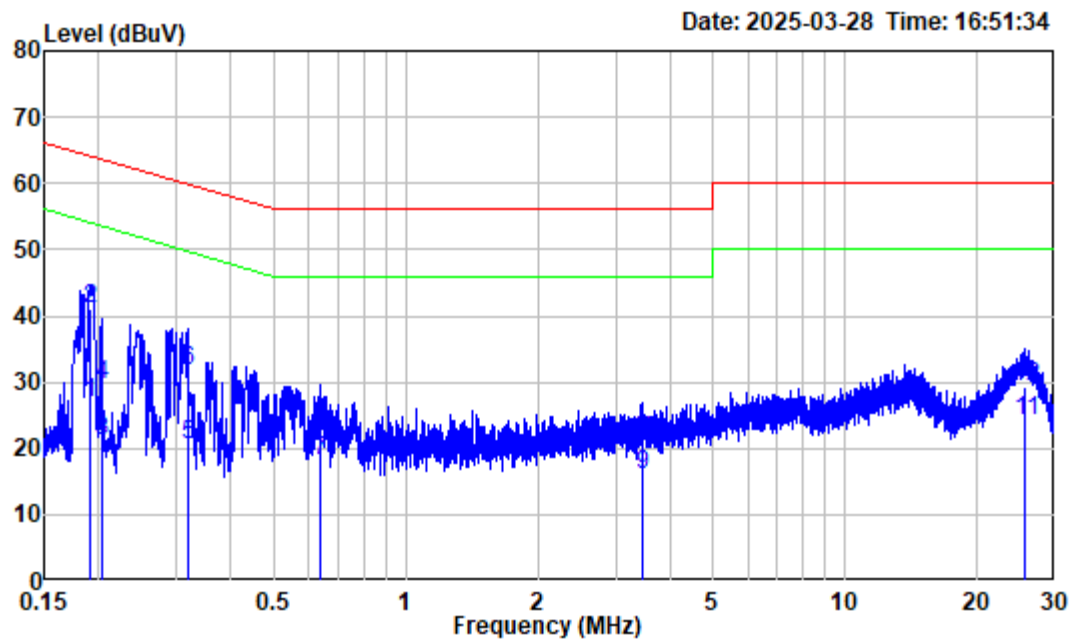


Site : Shielding Room  
Condition : Line  
Project No. : 2504R26435E-RF    Tester:Jason Fan  
Test Mode : 2.4G WIFI Transmitting  
NOTE : H1500  
Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.178	20.14	5.96	26.10	54.58	-28.48	Average
2	0.178	20.14	21.86	42.00	64.58	-22.58	QP
3	0.200	20.22	2.61	22.83	53.59	-30.76	Average
4	0.200	20.22	16.65	36.87	63.59	-26.72	QP
5	0.301	20.13	2.69	22.82	50.21	-27.39	Average
6	0.301	20.13	15.20	35.33	60.21	-24.88	QP
7	0.523	20.05	-1.22	18.83	46.00	-27.17	Average
8	0.523	20.05	6.54	26.59	56.00	-29.41	QP
9	4.949	20.52	-3.67	16.85	46.00	-29.15	Average
10	4.949	20.52	1.58	22.10	56.00	-33.90	QP
11	25.881	19.69	4.63	24.32	50.00	-25.68	Average
12	25.881	19.69	9.72	29.41	60.00	-30.59	QP



## AC 120V/60Hz, Neutral:



Site : Shielding Room  
 Condition : Neutral  
 Project No. : 2504R26435E-RF Tester: Jason Fan  
 Test Mode : 2.4G WIFI Transmitting  
 NOTE : H1500  
 Receiver Setting: IF B/W 9kHz PK/AV

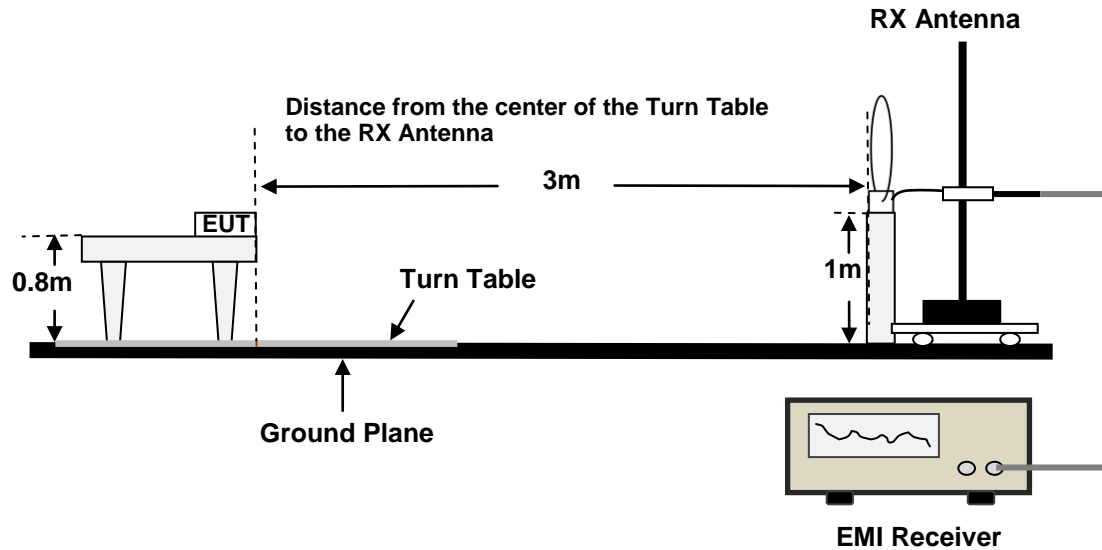
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.192	19.84	6.97	26.81	53.97	-27.16	Average
2	0.192	19.84	21.37	41.21	63.97	-22.76	QP
3	0.203	19.82	1.27	21.09	53.50	-32.41	Average
4	0.203	19.82	9.79	29.61	63.50	-33.89	QP
5	0.319	19.82	0.83	20.65	49.73	-29.08	Average
6	0.319	19.82	12.01	31.83	59.73	-27.90	QP
7	0.636	20.17	-2.16	18.01	46.00	-27.99	Average
8	0.636	20.17	3.46	23.63	56.00	-32.37	QP
9	3.472	20.23	-4.12	16.11	46.00	-29.89	Average
10	3.472	20.23	0.79	21.02	56.00	-34.98	QP
11	25.693	19.82	4.43	24.25	50.00	-25.75	Average
12	25.693	19.82	9.35	29.17	60.00	-30.83	QP

**FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS****Applicable Standard**

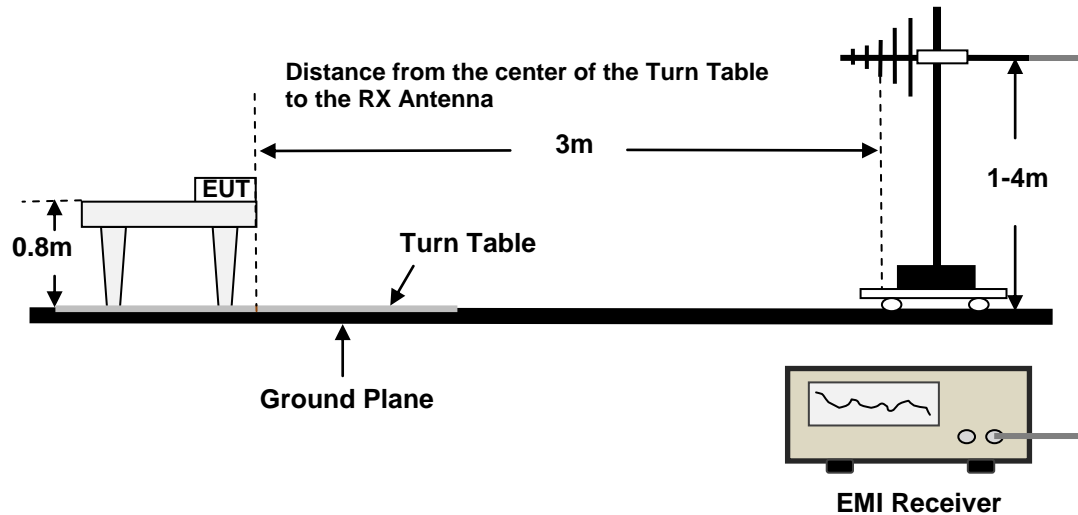
FCC §15.205; §15.209; §15.247(d)

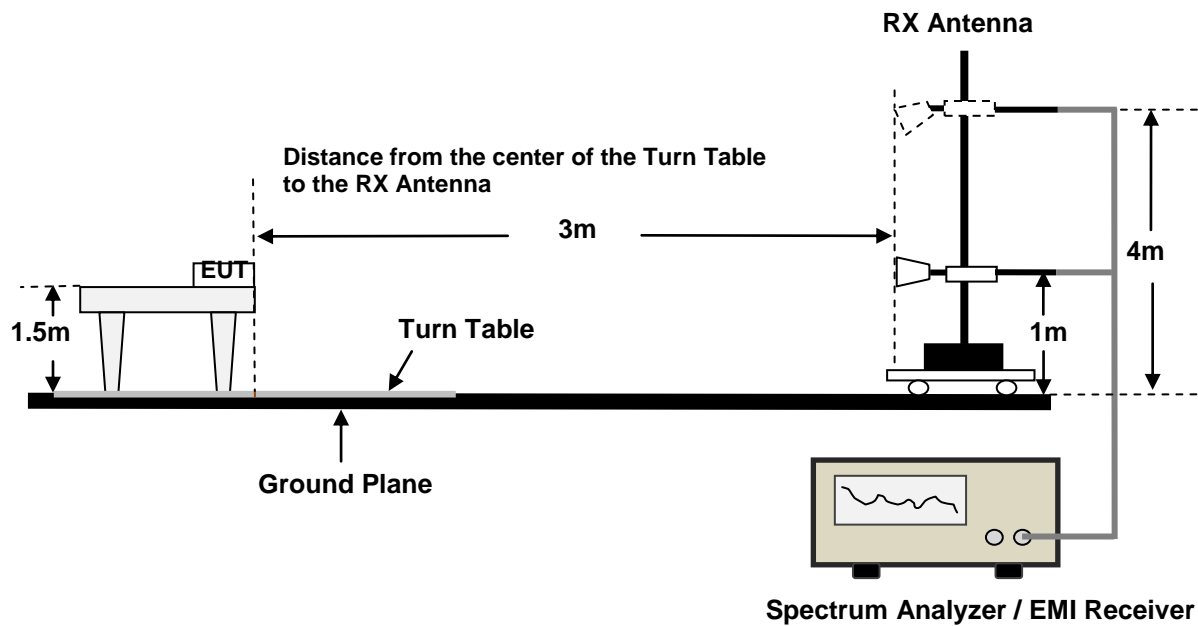
**EUT Setup**

9kHz - 30MHz:



30MHz - 1GHz:



**Above 1GHz:**

Boundary of the EUT, local AE and associated cabling and measurement distance for radiated emissions measurements:

The central point of the arrangement shall be positioned at the centre of the turntable. The measurement distance is the shortest horizontal distance between an imaginary circular periphery just encompassing this arrangement and the calibration point of the antenna. See as below Figure C.1 and C.2.

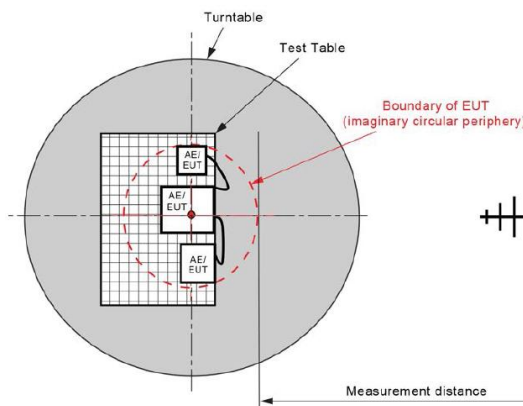


Figure C.1 – Measurement distance

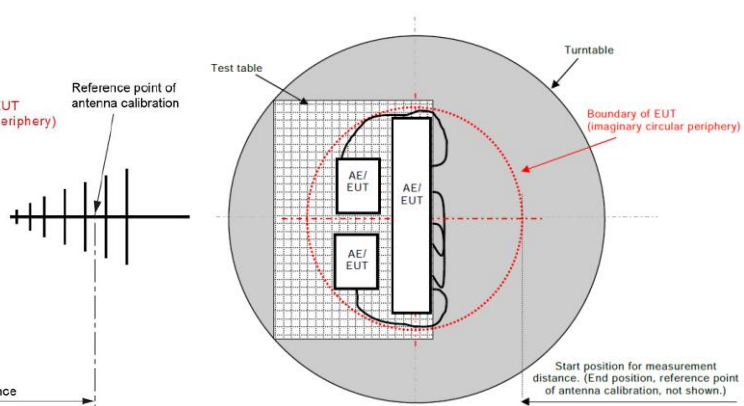


Figure C.2 – Boundary of EUT, Local AE and associated cabling

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 limits.

## EMI Test Receiver& Spectrum Analyzer Setup

The system was investigated from 9kHz to25 GHz.

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	/	/	600Hz	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
		<98%	1MHz	≥1/T, no less than 5 kHz

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	3kHz
		<98%	1MHz	≥1/T

Note 1: T is minimum transmission duration

Note 2: Fundamental test with 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:

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

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:

$$\text{Over Limit/Margin} = \text{Level} / \text{Corrected Amplitude} - \text{Limit}$$

$$\text{Level} / \text{Corrected Amplitude} = \text{Read Level} + \text{Factor}$$

## Test Data

### 9kHz-1GHz

#### Environmental Conditions

Temperature:	21.8-23.0℃
Relative Humidity:	55-56 %
ATM Pressure:	100.4-101.3 kPa
Test Engineer:	Jimi Zheng
Test Date:	2025-03-31 to 2025-04-09
EUT Operation Mode:	2.4G WIFI Transmitting

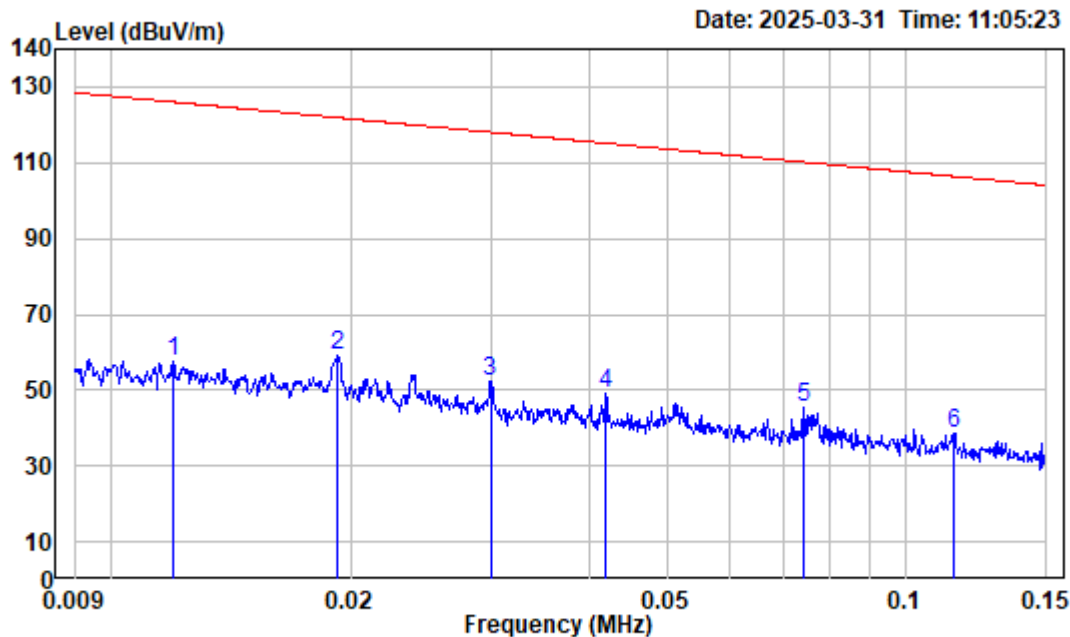
**Test Result:** Compliance, please refer to the below data.

*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.*

*Note 2: The maximum output power mode and channel: 802.11gHigh Channel was tested.*

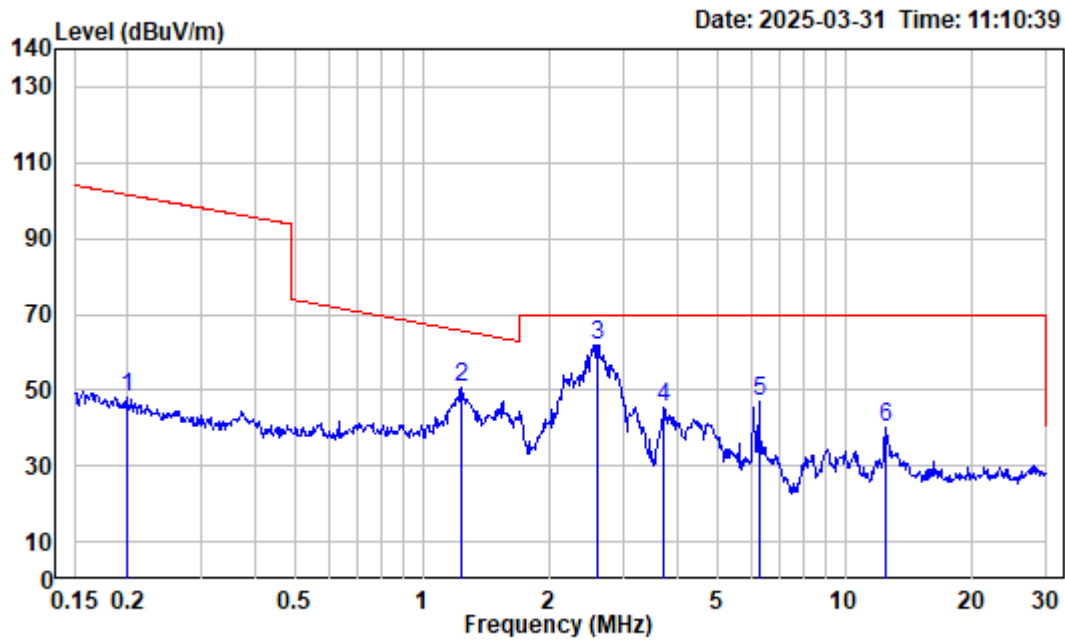
9kHz~30MHz:

For 2ZQ0-1(H660), Adapter 1



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H660  
Receiver Setting: RBW:0.3KHz VBW:1kHz

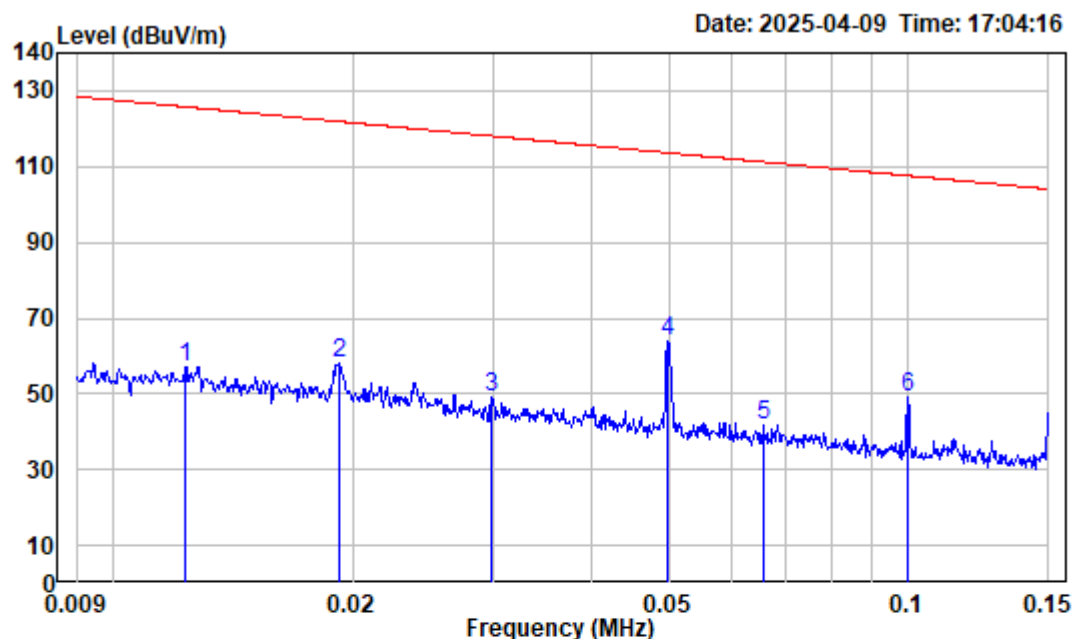
	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.012	34.96	22.53	57.49	126.05	-68.56	Peak
2	0.019	31.70	27.42	59.12	121.90	-62.78	Peak
3	0.030	26.94	25.35	52.29	118.06	-65.77	Peak
4	0.042	24.49	24.40	48.89	115.15	-66.26	Peak
5	0.074	19.34	26.18	45.52	110.17	-64.65	Peak
6	0.115	15.77	22.95	38.72	106.40	-67.68	Peak



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H660  
Receiver Setting: RBW:10KHz VBW:30kHz

Freq Factor		Read Level	Level	Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.200	11.87	36.33	48.20	101.60	-53.40 Peak
2	1.236	-2.71	53.31	50.60	65.60	-15.00 Peak
3	2.608	-5.70	67.36	61.66	69.54	-7.88 Peak
4	3.740	-6.21	51.80	45.59	69.54	-23.95 Peak
5	6.252	-6.19	53.38	47.19	69.54	-22.35 Peak
6	12.516	-4.83	44.96	40.13	69.54	-29.41 Peak

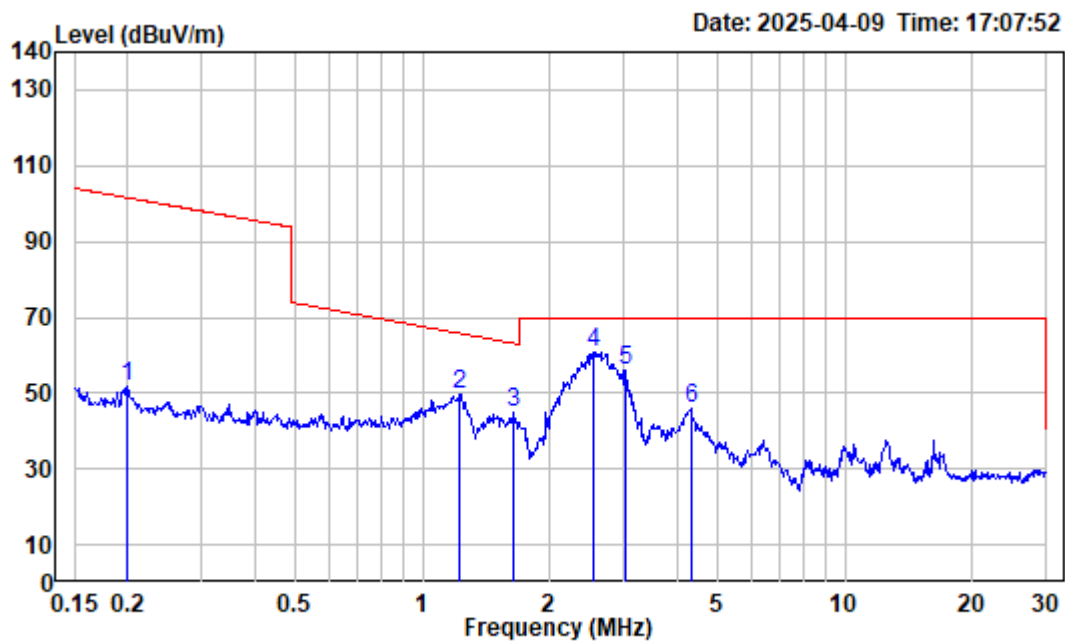
## For 2ZQ0-1(H660), Adapter 2



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H660 Adapter 2#  
Receiver Setting: RBW:0.3kHz VBW:1kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.012	34.79	22.52	57.31	125.78	-68.47	Peak
2	0.019	31.72	26.36	58.08	121.92	-63.84	Peak
3	0.030	27.01	22.20	49.21	118.11	-68.90	Peak
4	0.050	22.85	40.86	63.71	113.64	-49.93	Peak
5	0.066	20.58	21.17	41.75	111.24	-69.49	Peak
6	0.100	16.45	32.94	49.39	107.60	-58.21	Peak

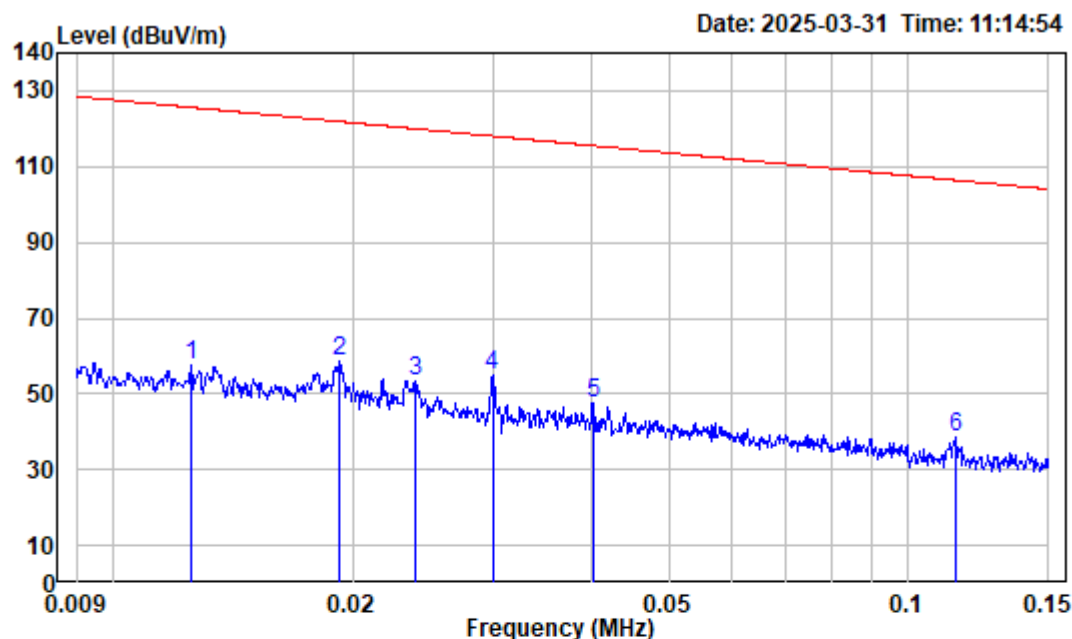




Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H660 Adapter 2#  
Receiver Setting: RBW:10kHz VBW:30kHz

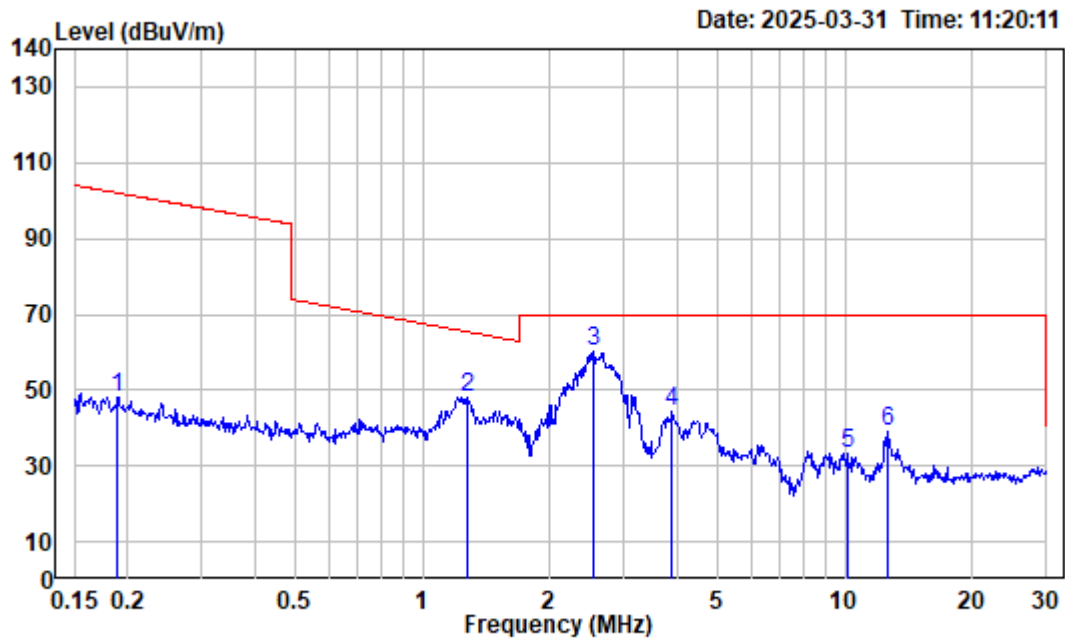
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBUV/m	dBUV/m	dB	
1	0.200	11.87	39.84	51.71	101.60	-49.89	Peak
2	1.223	-2.66	52.44	49.78	65.69	-15.91	Peak
3	1.636	-4.13	48.82	44.69	63.10	-18.41	Peak
4	2.554	-5.68	66.58	60.90	69.54	-8.64	Peak
5	3.009	-5.88	61.84	55.96	69.54	-13.58	Peak
6	4.315	-6.31	52.16	45.85	69.54	-23.69	Peak

## For 2ZQ0-3(H680)



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H680  
Receiver Setting: RBW:0.3KHz VBW:1kHz

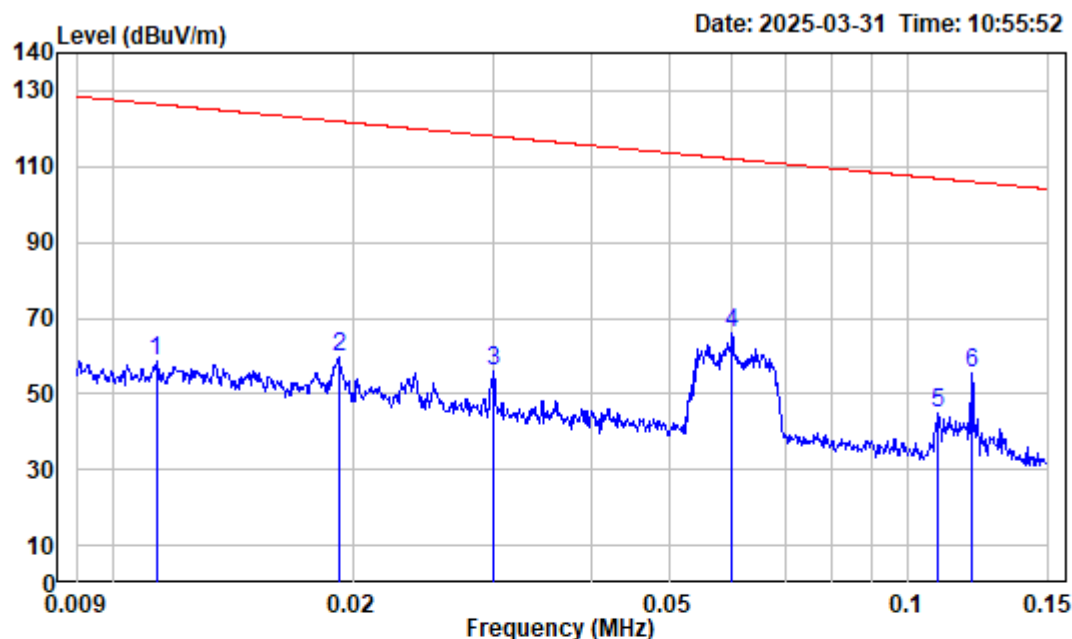
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.013	34.70	22.95	57.65	125.64	-67.99	Peak
2	0.019	31.70	27.07	58.77	121.90	-63.13	Peak
3	0.024	29.63	23.99	53.62	120.02	-66.40	Peak
4	0.030	26.94	28.09	55.03	118.06	-63.03	Peak
5	0.040	24.87	22.62	47.49	115.54	-68.05	Peak
6	0.115	15.77	22.91	38.68	106.40	-67.72	Peak



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H680  
Receiver Setting: RBW:10KHz VBW:30kHz

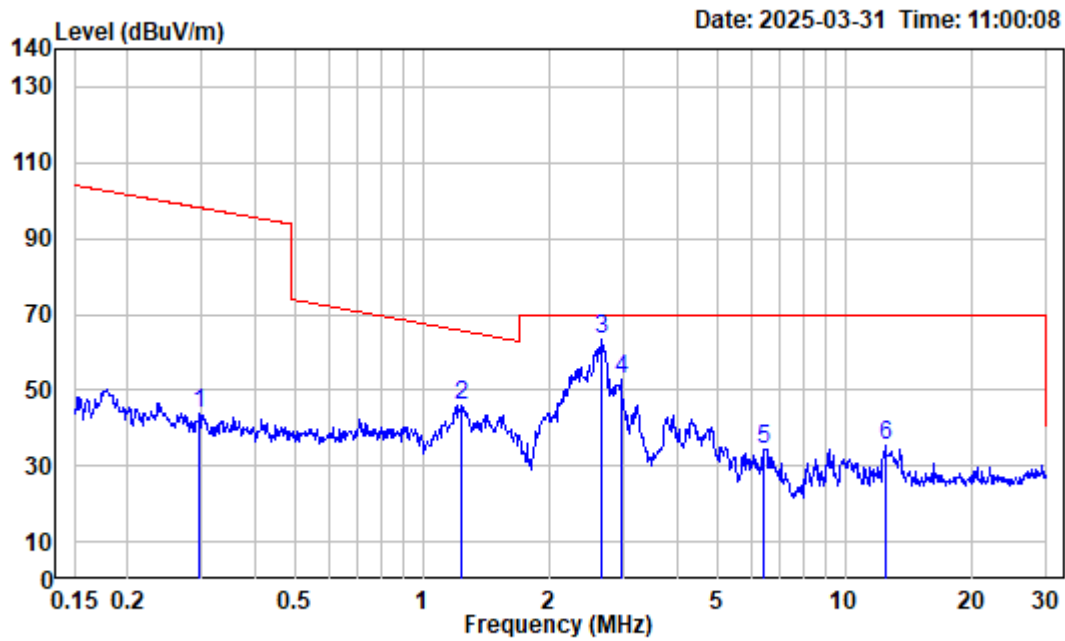
Freq Factor		Read Level	Level	Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	Limit	
1	0.189	12.35	35.95	48.30	102.06	-53.76 Peak
2	1.276	-2.85	51.04	48.19	65.31	-17.12 Peak
3	2.540	-5.67	66.00	60.33	69.54	-9.21 Peak
4	3.901	-6.28	50.52	44.24	69.54	-25.30 Peak
5	10.125	-5.39	38.72	33.33	69.54	-36.21 Peak
6	12.649	-4.79	44.04	39.25	69.54	-30.29 Peak

## For 2ZQ0-4(H1500)



Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H1500  
Receiver Setting: RBW:0.3KHz VBW:1kHz

	Freq	Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.011	35.24	23.18	58.42	126.52	-68.10	Peak
2	0.019	31.72	27.74	59.46	121.92	-62.46	Peak
3	0.030	26.92	28.84	55.76	118.04	-62.28	Peak
4	0.060	21.39	44.64	66.03	112.02	-45.99	Peak
5	0.109	16.03	28.72	44.75	106.84	-62.09	Peak
6	0.120	15.51	39.77	55.28	105.99	-50.71	Peak

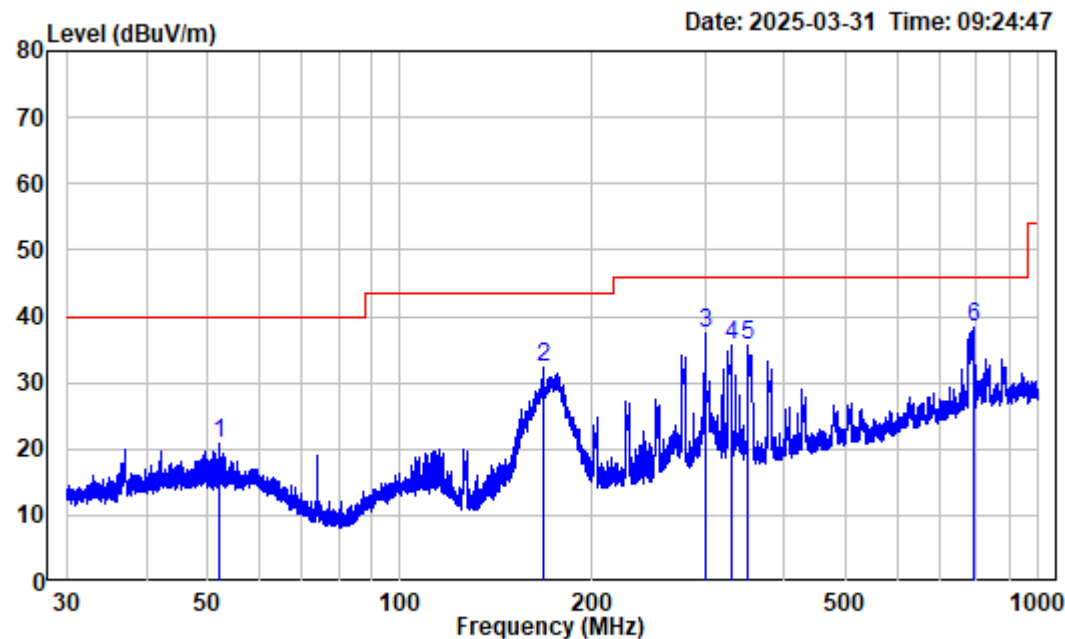


Site : Chamber  
Condition : 3m  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Polarization : Parallel  
Note : H1500  
Receiver Setting: RBW:10KHz VBW:30kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.297	7.40	36.43	43.83	98.15	-54.32	Peak
2	1.242	-2.73	48.58	45.85	65.55	-19.70	Peak
3	2.664	-5.73	68.98	63.25	69.54	-6.29	Peak
4	2.946	-5.85	58.48	52.63	69.54	-16.91	Peak
5	6.420	-6.16	40.61	34.45	69.54	-35.09	Peak
6	12.449	-4.85	40.26	35.41	69.54	-34.13	Peak

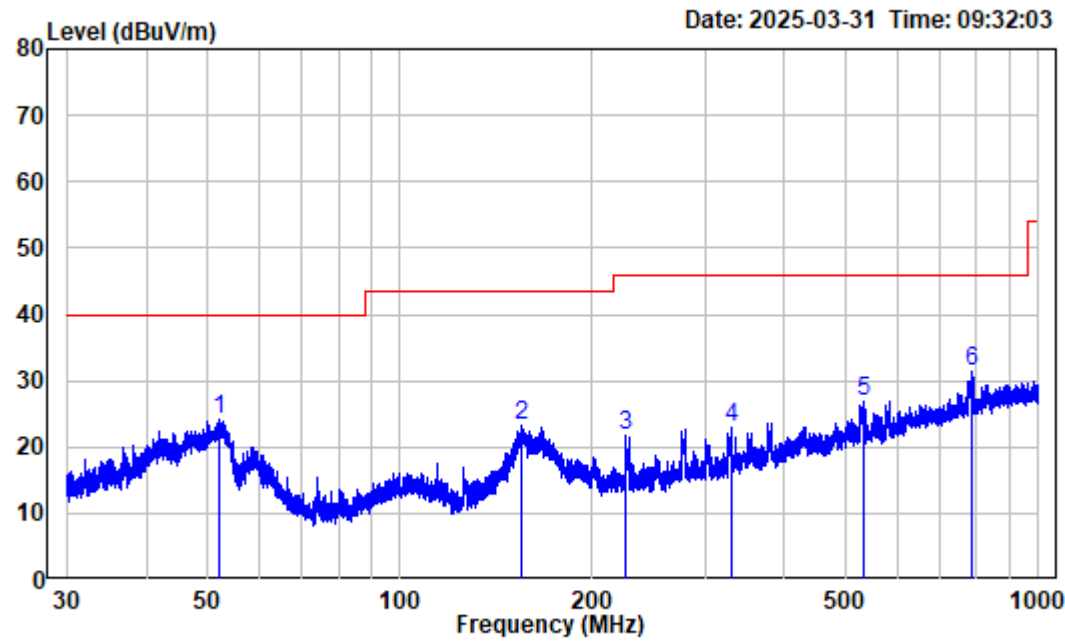
30MHz~1GHz:

For 2ZQ0-1(H660), Adapter 1



Site : Chamber  
Condition : 3m HORIZONTAL  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H660 Adapter 1#  
Receiver Setting: RBW:100kHz VBW:300kHz

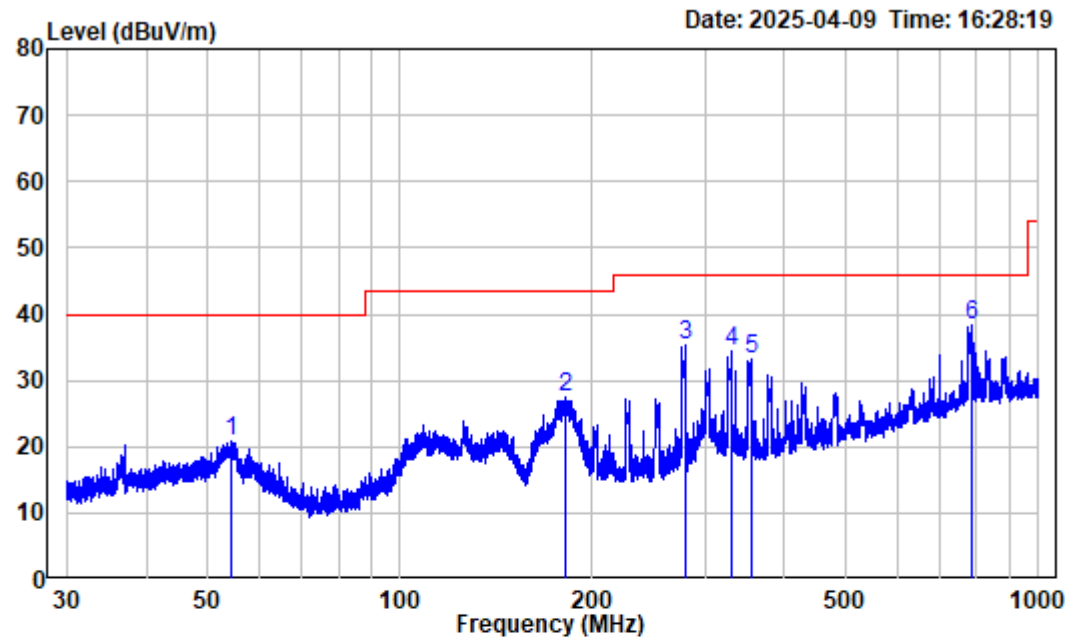
	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	51.934	-10.69	31.63	20.94	40.00	-19.06	Peak
2	168.045	-14.32	46.73	32.41	43.50	-11.09	Peak
3	299.973	-9.65	47.05	37.40	46.00	-8.60	Peak
4	330.629	-8.47	44.03	35.56	46.00	-10.44	Peak
5	351.092	-7.58	43.11	35.53	46.00	-10.47	Peak
6	792.353	-0.48	38.89	38.41	46.00	-7.59	Peak



Site : Chamber  
Condition : 3m VERTICAL  
Project No. : 2504R26435E-RF Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H660 Adapter 1#  
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	52.231	-10.75	34.94	24.19	40.00	-15.81	Peak
2	154.414	-15.07	38.35	23.28	43.50	-20.22	Peak
3	226.000	-11.11	32.82	21.71	46.00	-24.29	Peak
4	330.774	-8.46	31.54	23.08	46.00	-22.92	Peak
5	534.300	-4.26	31.21	26.95	46.00	-19.05	Peak
6	788.888	-0.46	31.92	31.46	46.00	-14.54	Peak

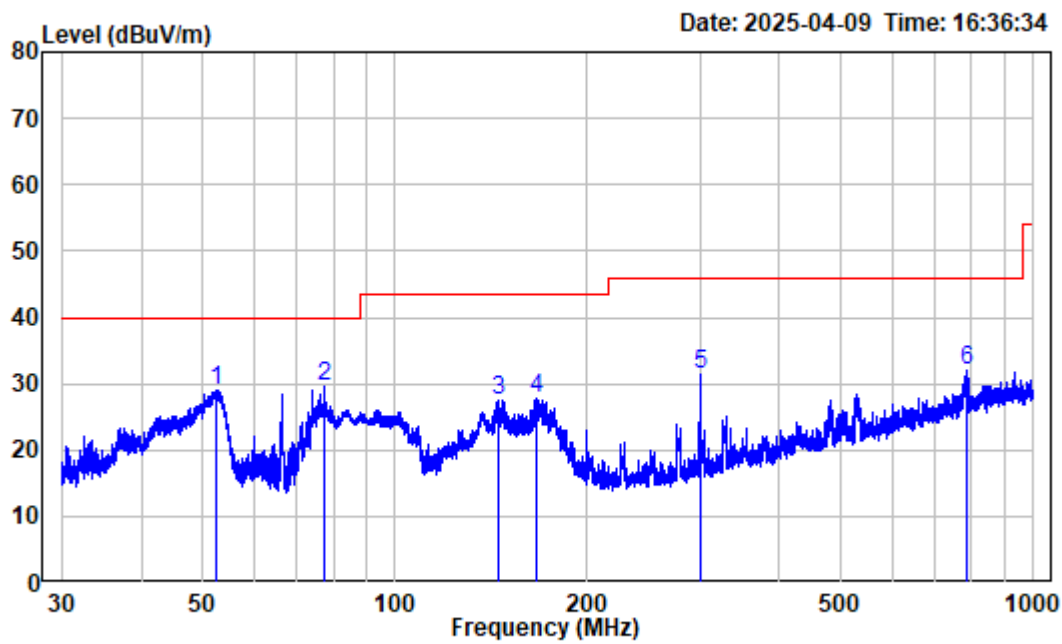
For 2ZQ0-1(H660), Adapter 2



Site : Chamber  
Condition : 3m HORIZONTAL  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H660 Adapter 2#  
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	54.332	-11.08	32.06	20.98	40.00	-19.02	Peak
2	181.841	-12.77	40.26	27.49	43.50	-16.01	Peak
3	279.411	-9.98	45.20	35.22	46.00	-10.78	Peak
4	330.629	-8.47	42.97	34.50	46.00	-11.50	Peak
5	355.739	-7.76	40.94	33.18	46.00	-12.82	Peak
6	788.197	-0.46	38.71	38.25	46.00	-7.75	Peak





Site : Chamber

Condition : 3m VERTICAL

Project No. : 2504R26435E-RF Tester: Jimi Zheng

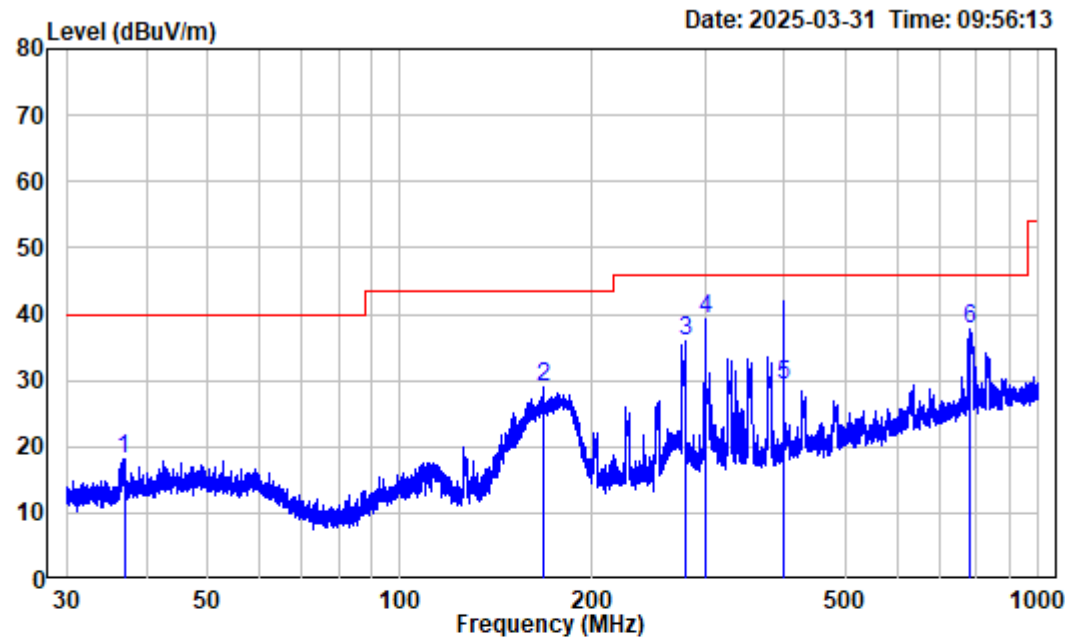
Test Mode : 2.4G WIFI Transmitting

Note : H660 Adapter 2#

Receiver Setting: RBW:100kHz VBW:300kHz

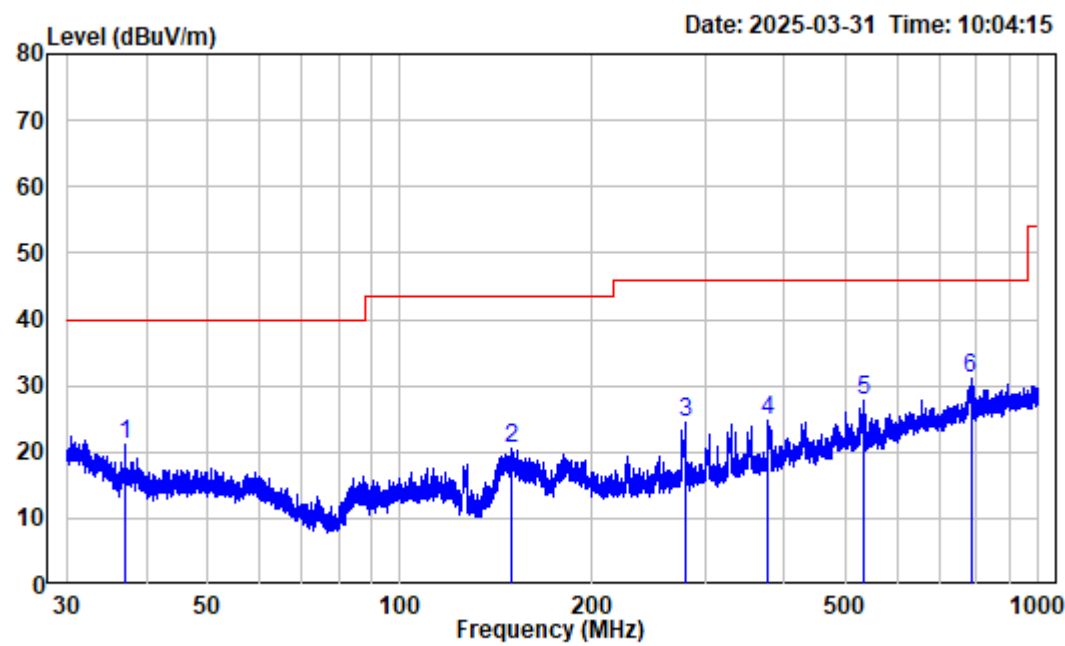
	Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	52.345	-10.77	39.83	29.06	40.00	-10.94	Peak
2	77.186	-16.77	46.29	29.52	40.00	-10.48	Peak
3	144.905	-15.49	43.07	27.58	43.50	-15.92	Peak
4	166.141	-14.43	42.13	27.70	43.50	-15.80	Peak
5	299.973	-9.65	40.95	31.30	46.00	-14.70	Peak
6	786.816	-0.46	32.46	32.00	46.00	-14.00	Peak

For 2ZQ0-3(H680)



Site : Chamber  
Condition : 3m HORIZONTAL  
Project No. : 2504R26435E-RF Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H680  
Receiver Setting: RBW:100kHz VBW:300kHz

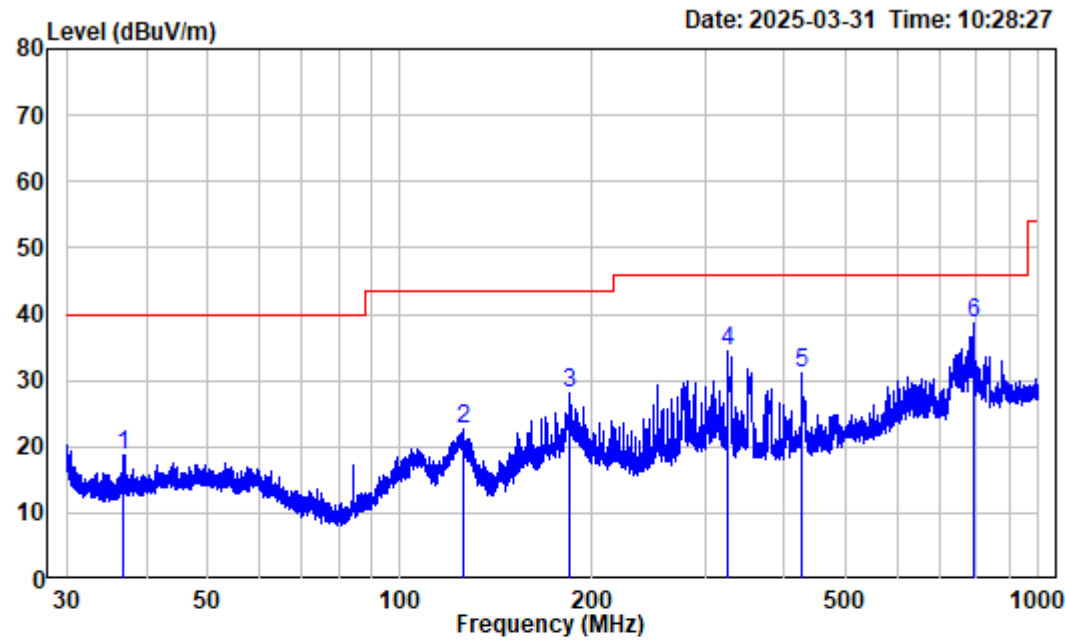
	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	36.944	-11.87	30.06	18.19	40.00	-21.81	Peak
2	168.045	-14.32	43.26	28.94	43.50	-14.56	Peak
3	279.779	-9.97	45.99	36.02	46.00	-9.98	Peak
4	299.973	-9.65	48.93	39.28	46.00	-6.72	Peak
5	400.081	-6.72	36.05	29.33	46.00	-16.67	QP
6	778.241	-0.48	38.36	37.88	46.00	-8.12	Peak



Site : Chamber  
Condition : 3m VERTICAL  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H680  
Receiver Setting: RBW:100kHz VBW:300kHz

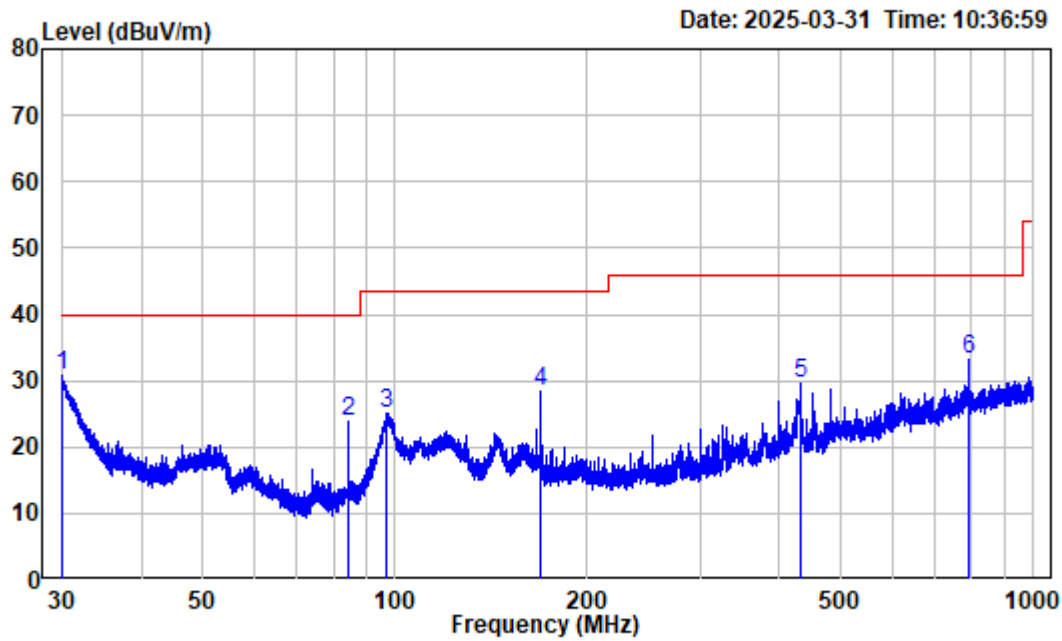
	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	37.025	-11.85	32.98	21.13	40.00	-18.87	Peak
2	148.963	-15.36	35.92	20.56	43.50	-22.94	Peak
3	279.656	-9.97	34.40	24.43	46.00	-21.57	Peak
4	375.939	-7.44	32.14	24.70	46.00	-21.30	Peak
5	534.300	-4.26	31.90	27.64	46.00	-18.36	Peak
6	783.718	-0.45	31.61	31.16	46.00	-14.84	Peak

For 2ZQ0-4(H1500)



Site : Chamber  
Condition : 3m HORIZONTAL  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H1500  
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36.782	-11.91	30.59	18.68	40.00	-21.32	Peak
2	125.831	-14.79	37.34	22.55	43.50	-20.95	Peak
3	184.409	-12.25	40.26	28.01	43.50	-15.49	Peak
4	326.310	-8.76	43.24	34.48	46.00	-11.52	Peak
5	426.521	-5.64	36.68	31.04	46.00	-14.96	Peak
6	792.006	-0.48	39.19	38.71	46.00	-7.29	Peak



Site : Chamber  
Condition : 3m VERTICAL  
Project No. : 2504R26435E-RF      Tester: Jimi Zheng  
Test Mode : 2.4G WIFI Transmitting  
Note : H1500  
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	30.013	-12.42	43.36	30.94	40.00	-9.06	Peak
2	84.479	-16.41	40.15	23.74	40.00	-16.26	Peak
3	96.733	-12.53	37.70	25.17	43.50	-18.33	Peak
4	168.931	-14.32	42.67	28.35	43.50	-15.15	Peak
5	431.410	-5.56	35.09	29.53	46.00	-16.47	Peak
6	791.659	-0.48	33.54	33.06	46.00	-12.94	Peak

1GHz-25GHz

Environmental Conditions

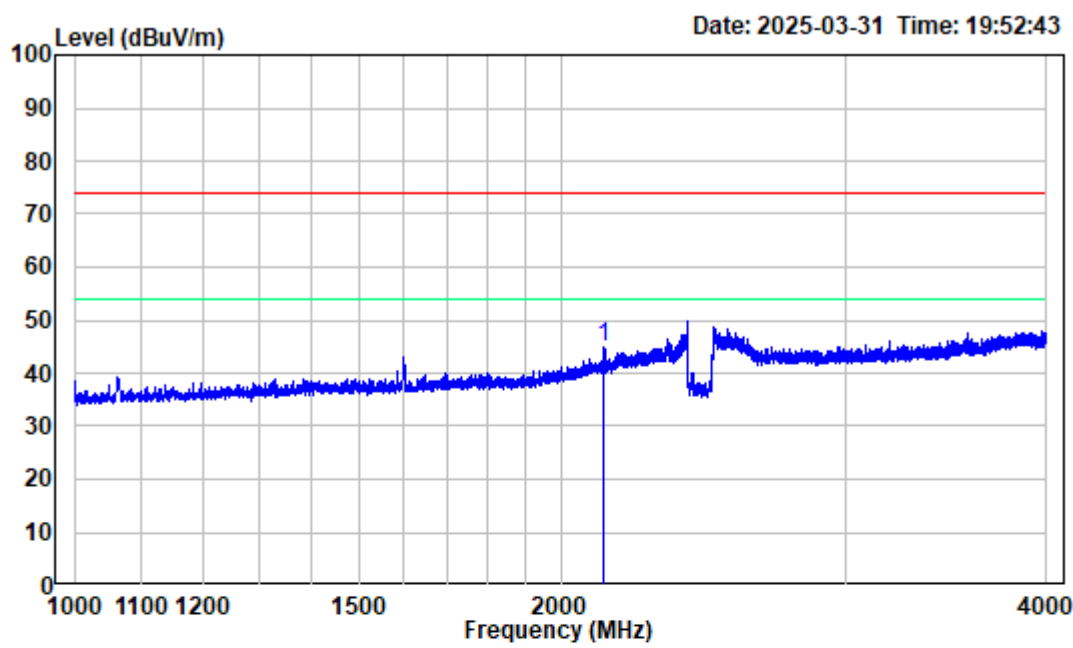
Temperature:	23~25 °C
Relative Humidity:	52~56 %
ATM Pressure:	101.3 kPa
Test Engineer:	Kevin Lv
Test Date:	2025-03-31 to 2025-04-08
EUT Operation Mode:	Transmitting

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

*Note 1: Choose the 2ZQ0-4(H1500) for testing.*

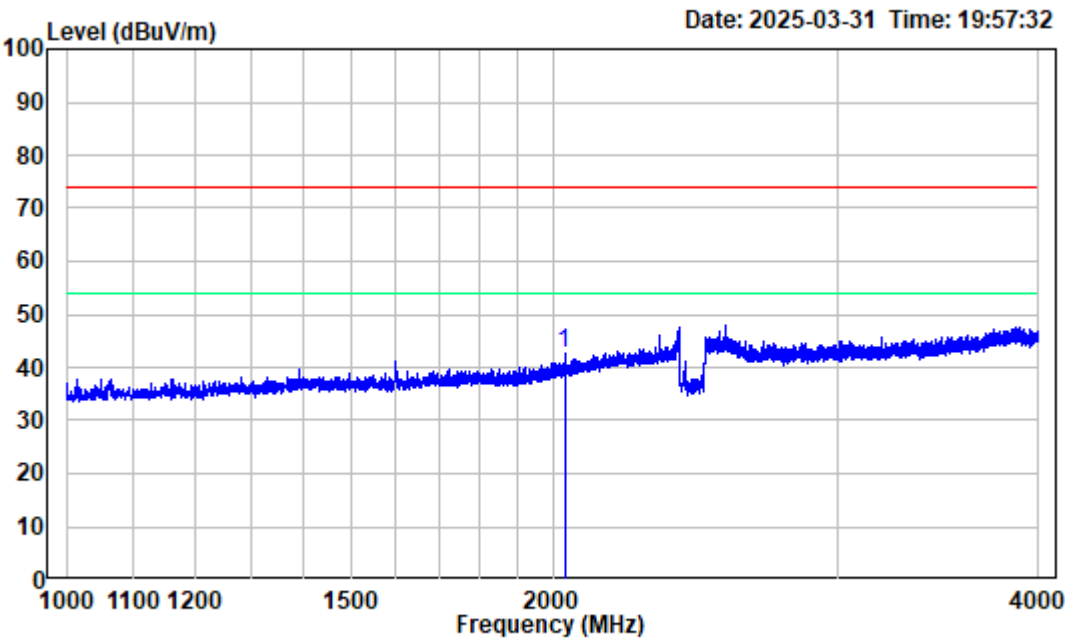
*Note 2: For 18GHz-25GHz, the maximum output power mode and channel: 802.11g High Channel was tested.*

1GHz~4GHz:



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b Low Channel 2412MHz  
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	2126.875	-10.72	55.50	44.78	74.00	-29.22 Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

Test Mode : Transmitting

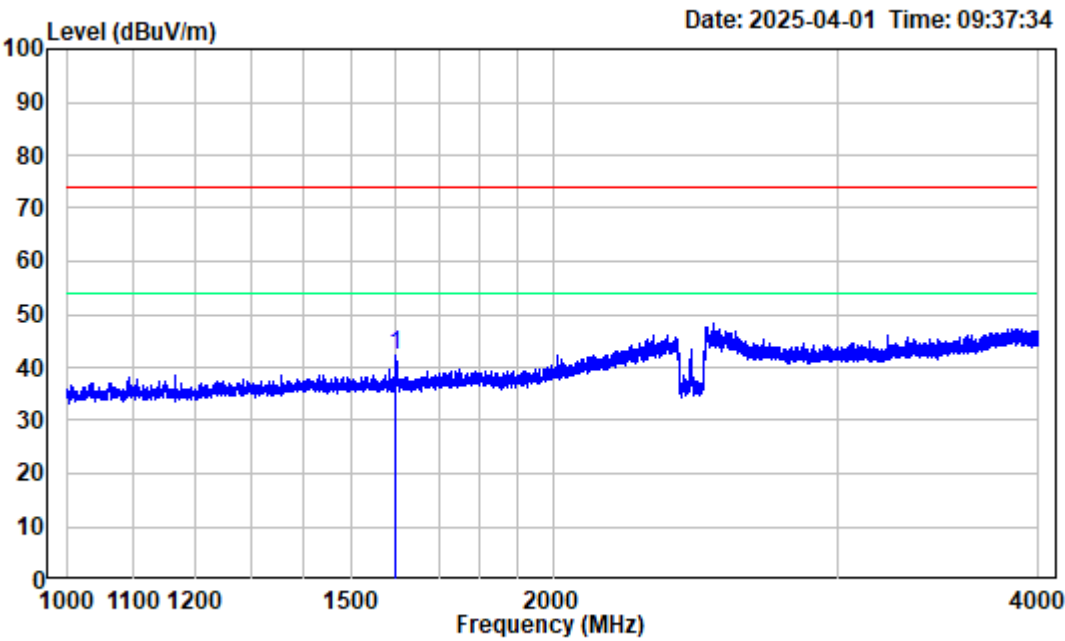
Tester:Kevin Lv

Note : 802.11b Low Channel 2412MHz

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 2034.625	-11.63	54.30	42.67	74.00	-31.33	Peak





Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

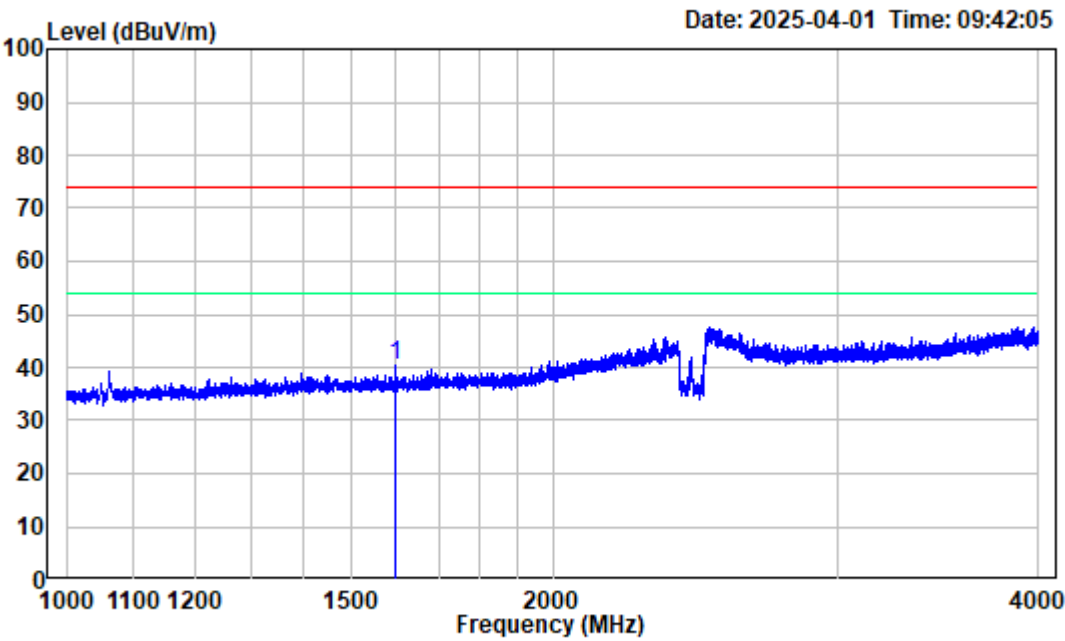
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b Middle Channel 2437MHz

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	1600.000	-13.72	56.03	42.31	74.00	-31.69	Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

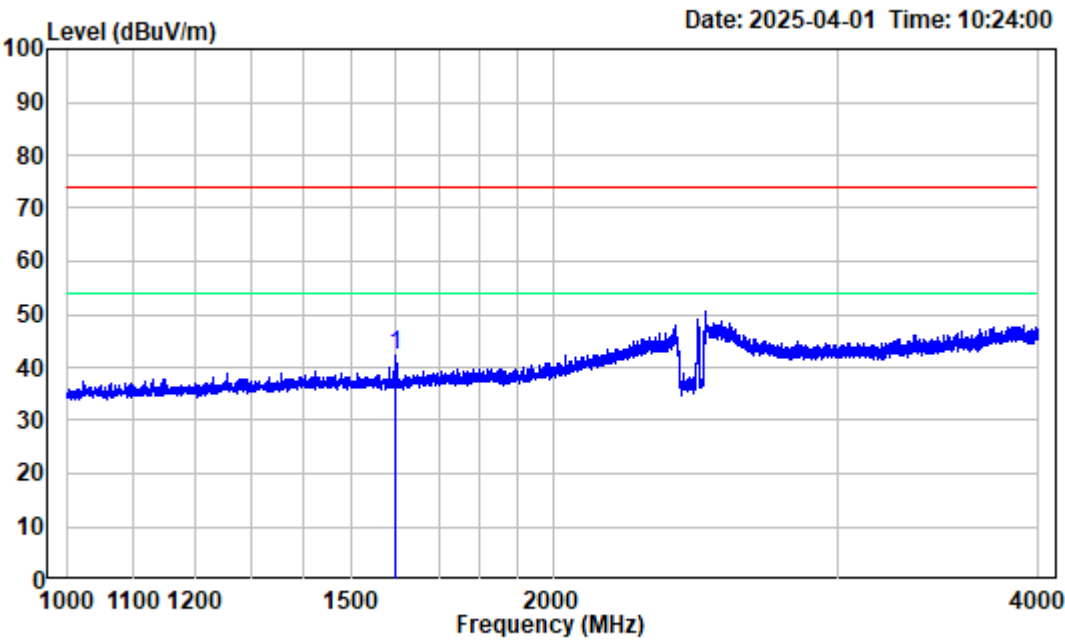
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b Middle Channel 2437MHz

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	1599.625	-13.72	54.17	40.45	74.00	-33.55	Peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

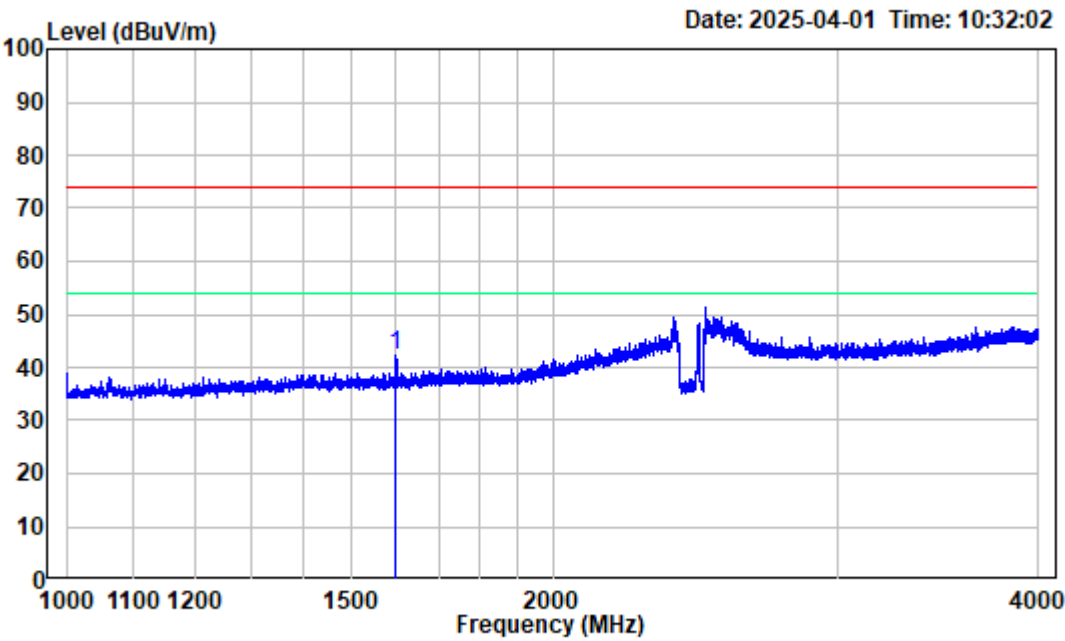
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b High Channel 2462MHz

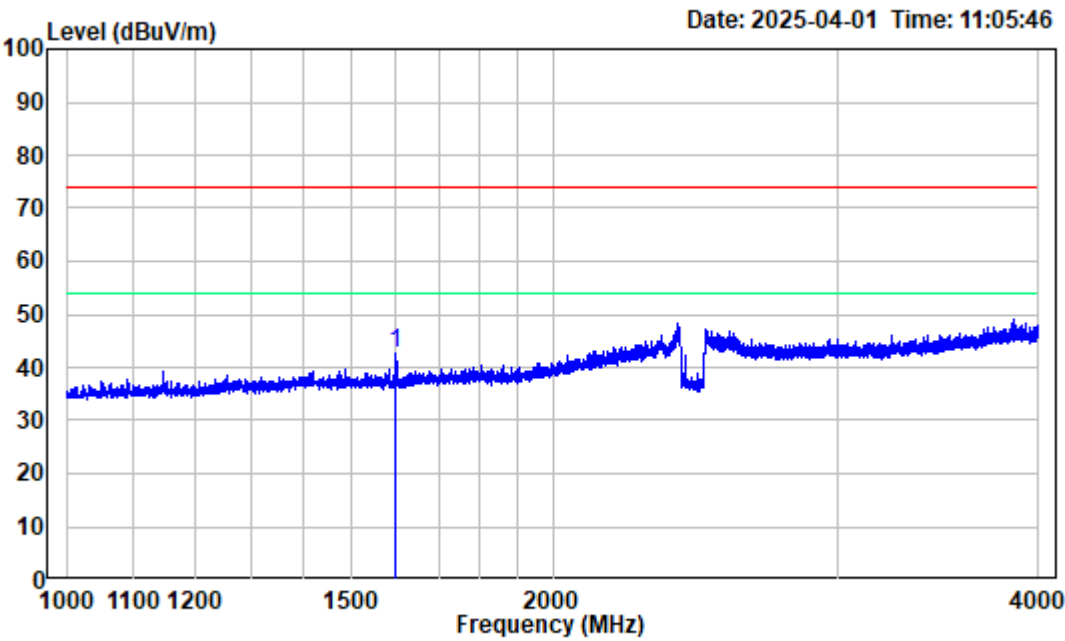
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1600.000	-13.72	55.96	42.24	74.00	-31.76	Peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b High Channel 2462MHz  
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	1600.000	-13.72	56.16	42.44	74.00	-31.56	Peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

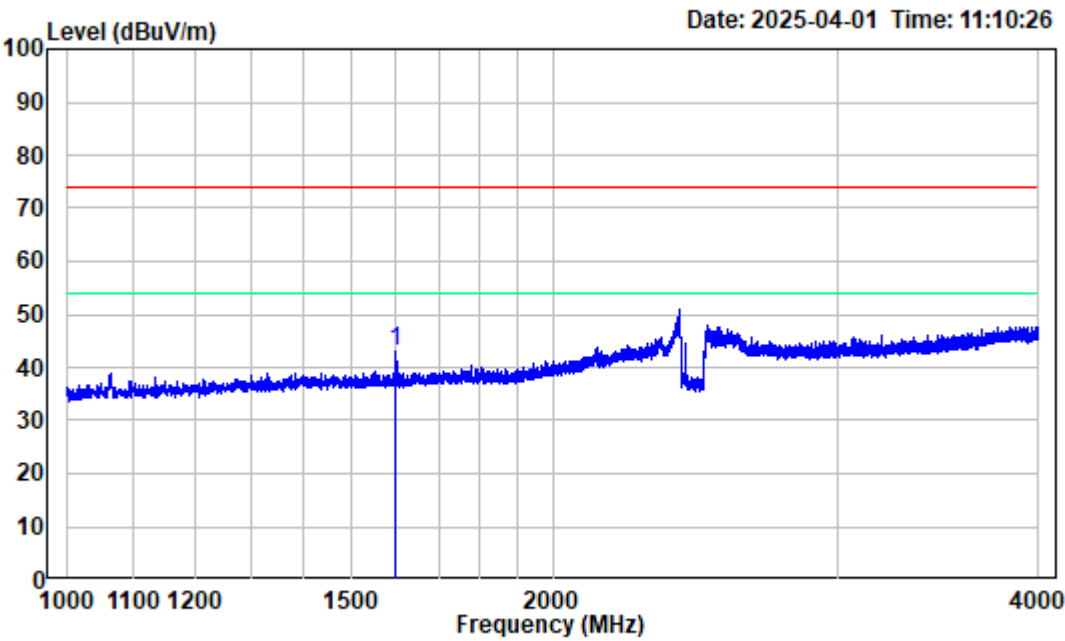
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g Low Channel 2412MHz

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	1597.750	-13.71	56.51	42.80	74.00	-31.20	Peak



Site : chamber

Condition : 3m VERTICAL

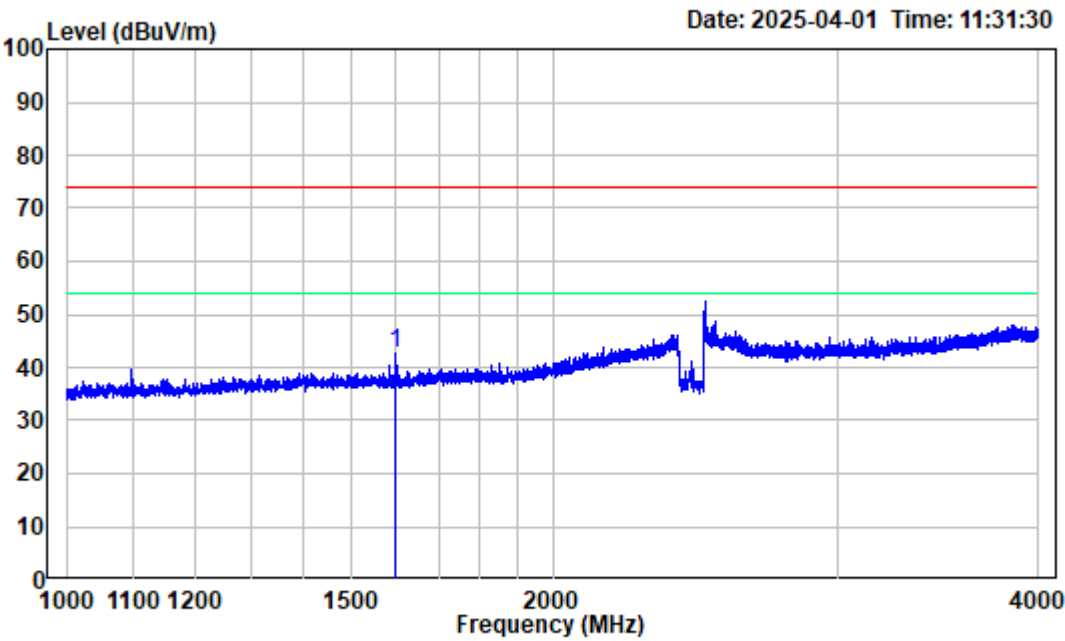
Project No.: 2504R26435E-RFSerial No.:2ZQ0-4

Test Mode : TransmittingTester:Kevin Lv

Note : 802.11g Low Channel 2412MHz

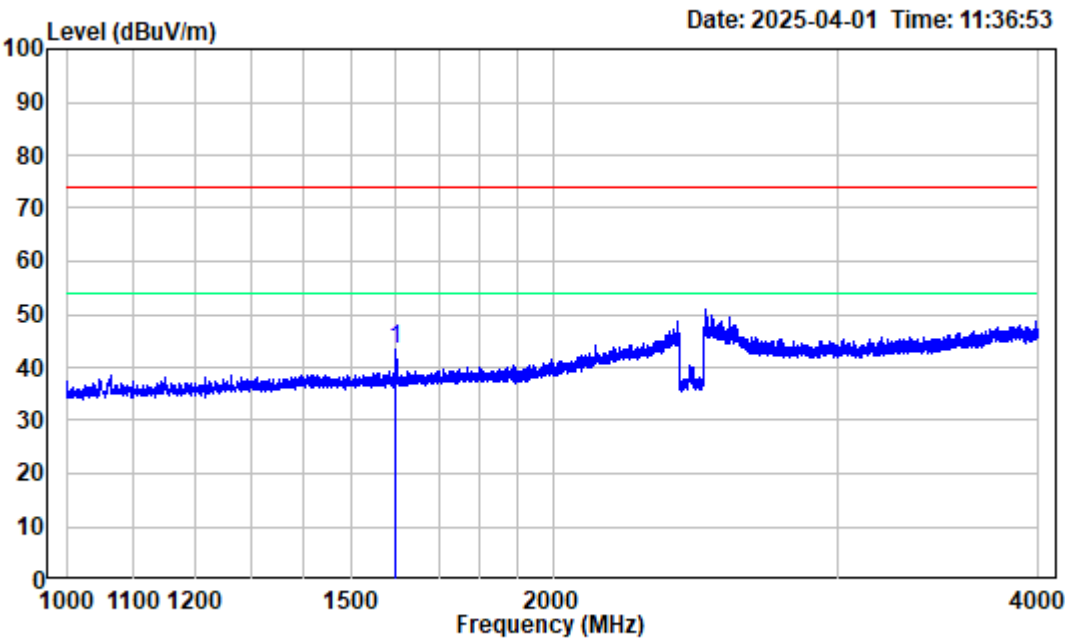
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1598.125	-13.71	56.66	42.95	74.00	-31.05	Peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g Middle Channel 2437MHz  
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	1597.375	-13.70	56.37	42.67	74.00	-31.33	Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RFSerial No.:2ZQ0-4

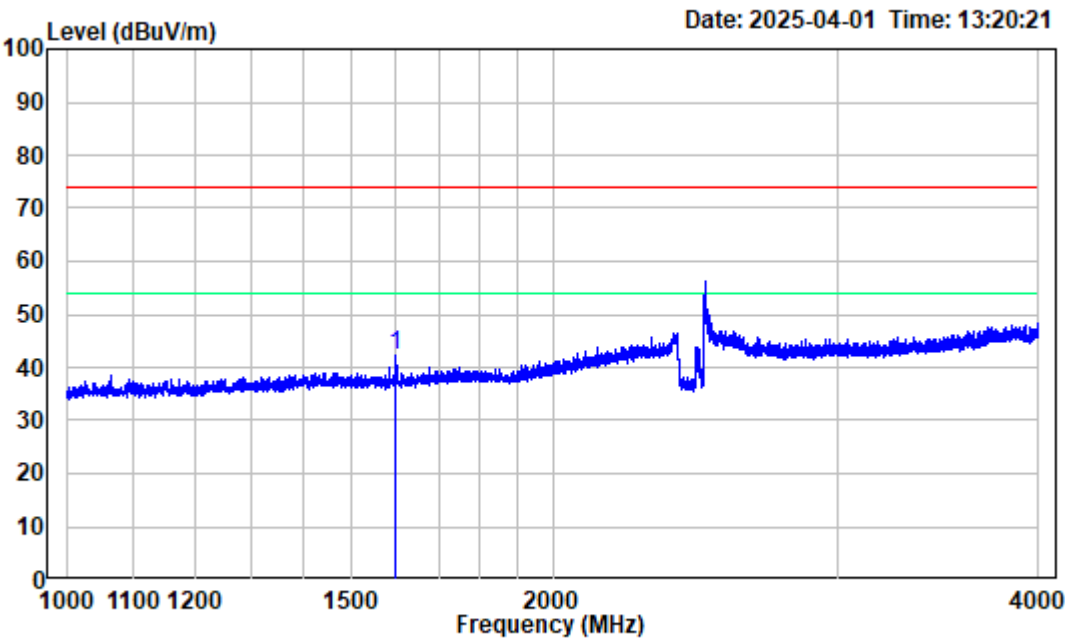
Test Mode : TransmittingTester:Kevin Lv

Note : 802.11g Middle Channel 2437MHz

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	1600.000	-13.72	57.14	43.42	74.00	-30.58	Peak





Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

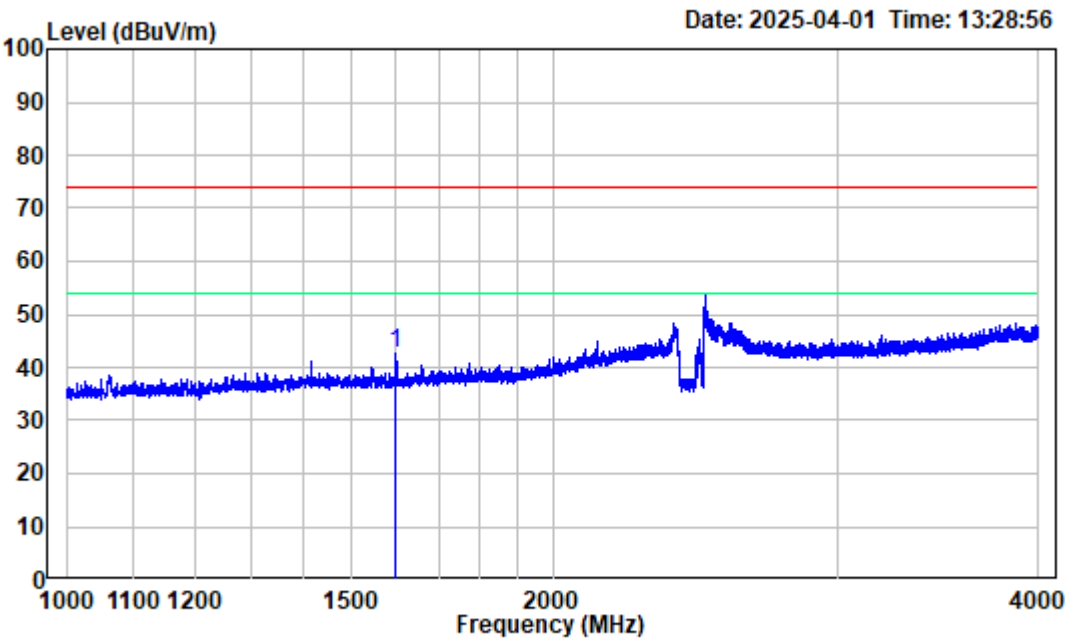
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g High Channel 2462MHz

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	1597.750	-13.71	55.82	42.11	74.00	-31.89	Peak



Site : chamber

Condition : 3m VERTICAL

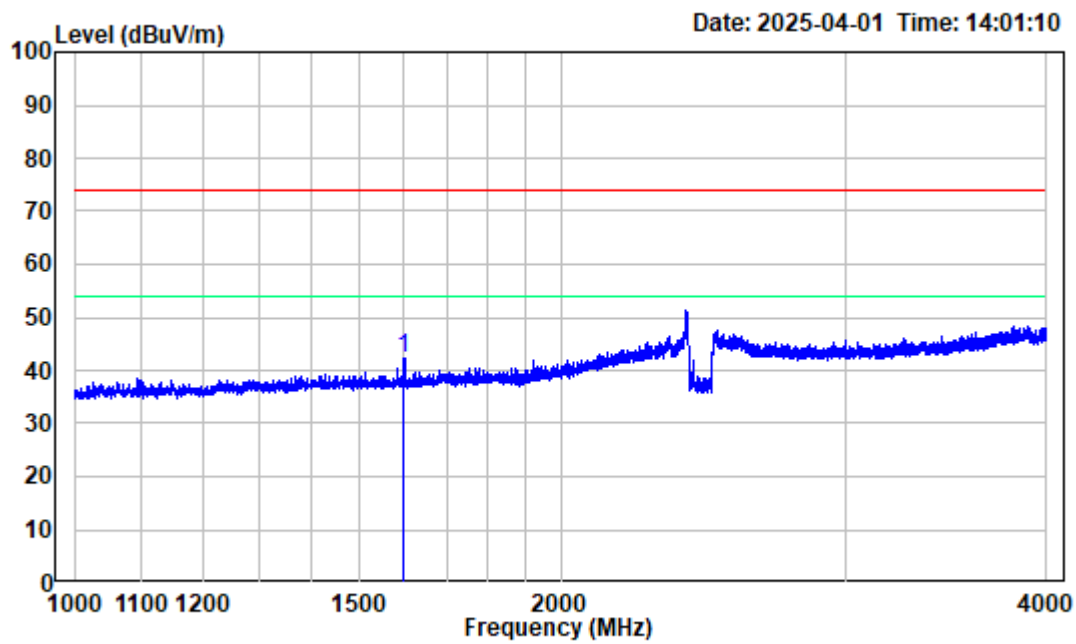
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4

Test Mode : Transmitting      Tester:Kevin Lv

Note : 802.11g High Channel 2462MHz

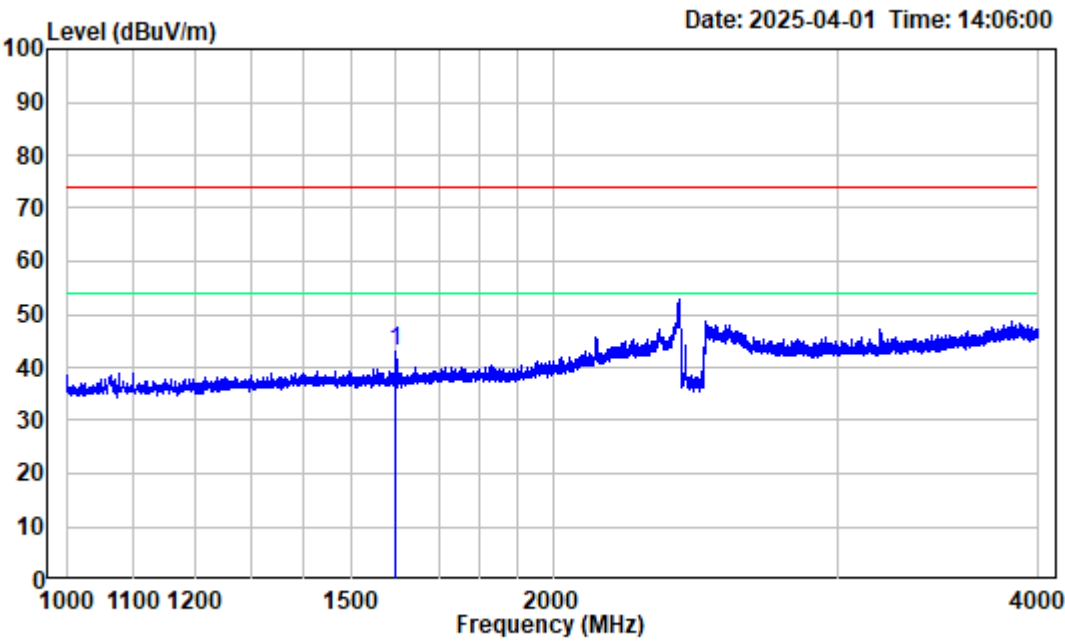
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 1598.875	-13.71	56.22	42.51	74.00	-31.49	Peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 Low Channel 2412MHz  
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	1599.625	-13.72	56.12	42.40	74.00	-31.60	Peak



Site : chamber

Condition : 3m VERTICAL

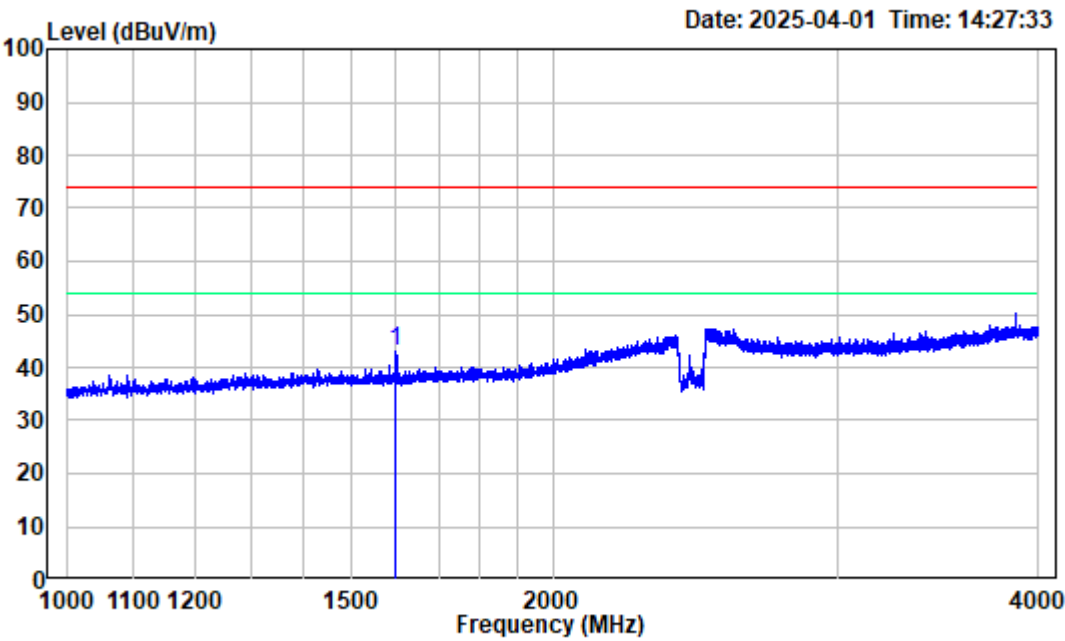
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4

Test Mode : Transmitting      Tester:Kevin Lv

Note : 802.11n20 Low Channel 2412MHz

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	1597.750	-13.71	56.63	42.92	74.00	-31.08	Peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

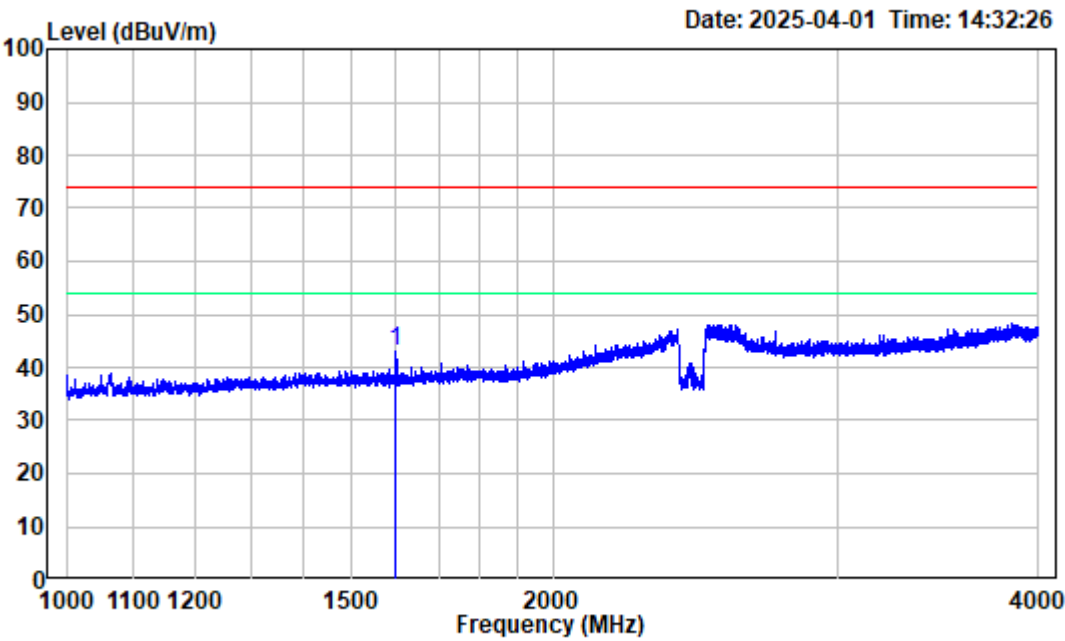
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n20 Middle Channel 2437MHz

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	1600.375	-13.72	56.71	42.99	74.00	-31.01	Peak



Site : chamber

Condition : 3m VERTICAL

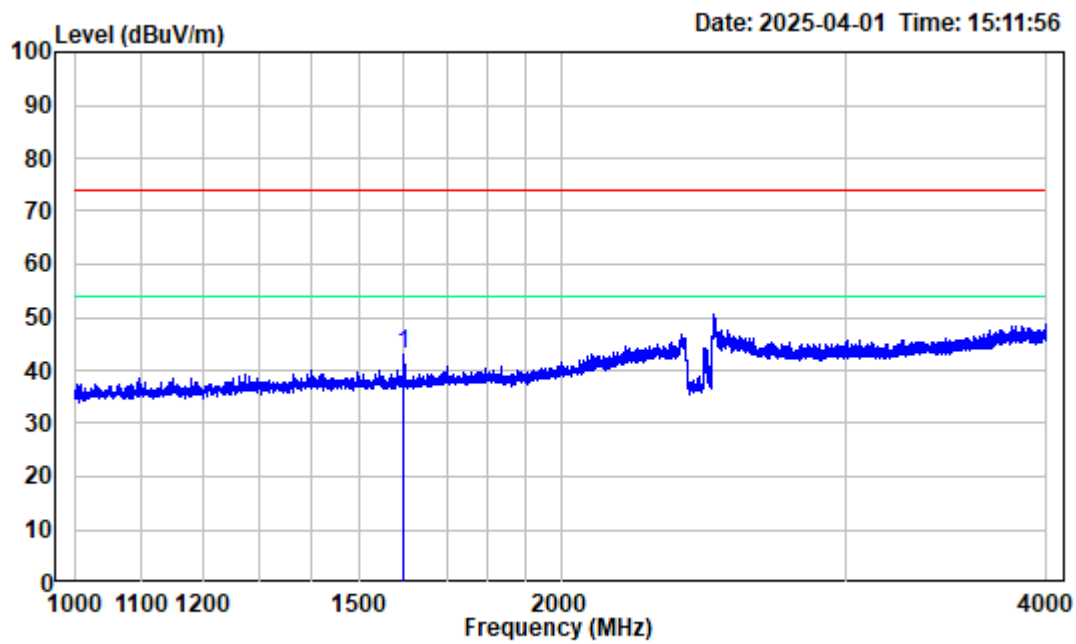
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4

Test Mode : Transmitting      Tester:Kevin Lv

Note : 802.11n20 Middle Channel 2437MHz

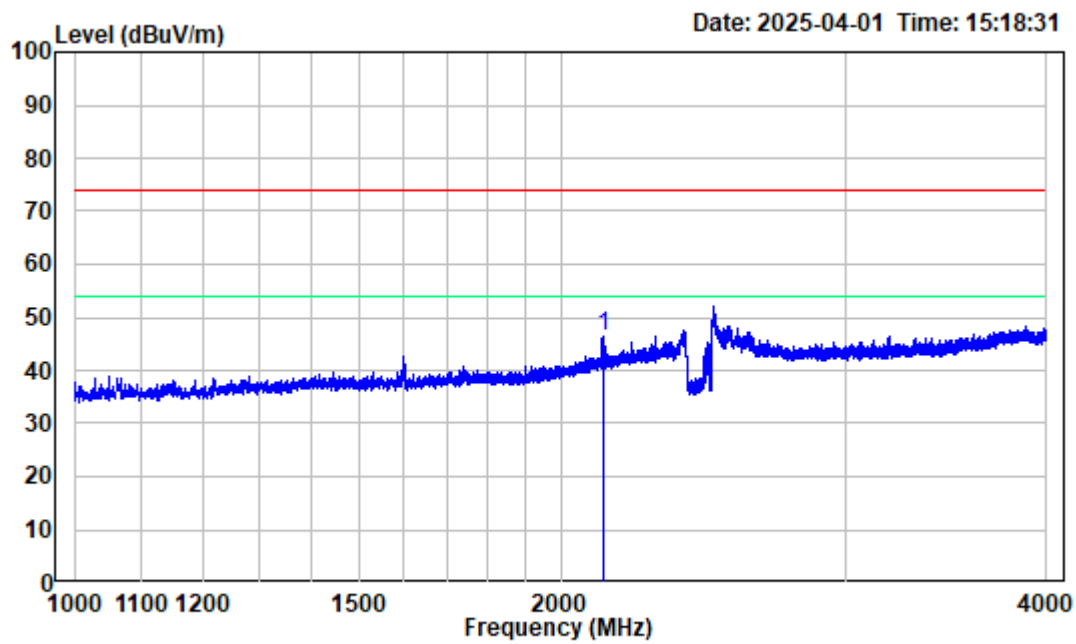
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1599.625	-13.72	56.59	42.87	74.00	-31.13	Peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 High Channel 2462MHz  
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	1597.750	-13.71	56.70	42.99	74.00	-31.01	Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

Test Mode : Transmitting

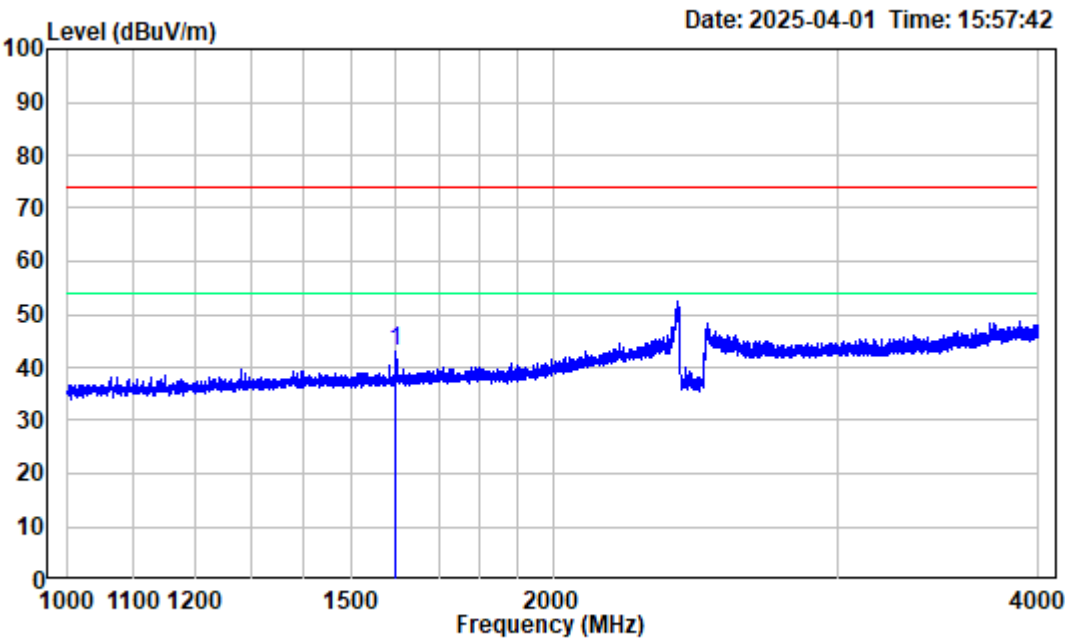
Tester:Kevin Lv

Note : 802.11n20 High Channel 2462MHz

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	2128.000	-10.71	57.03	46.32	74.00	-27.68	Peak





Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

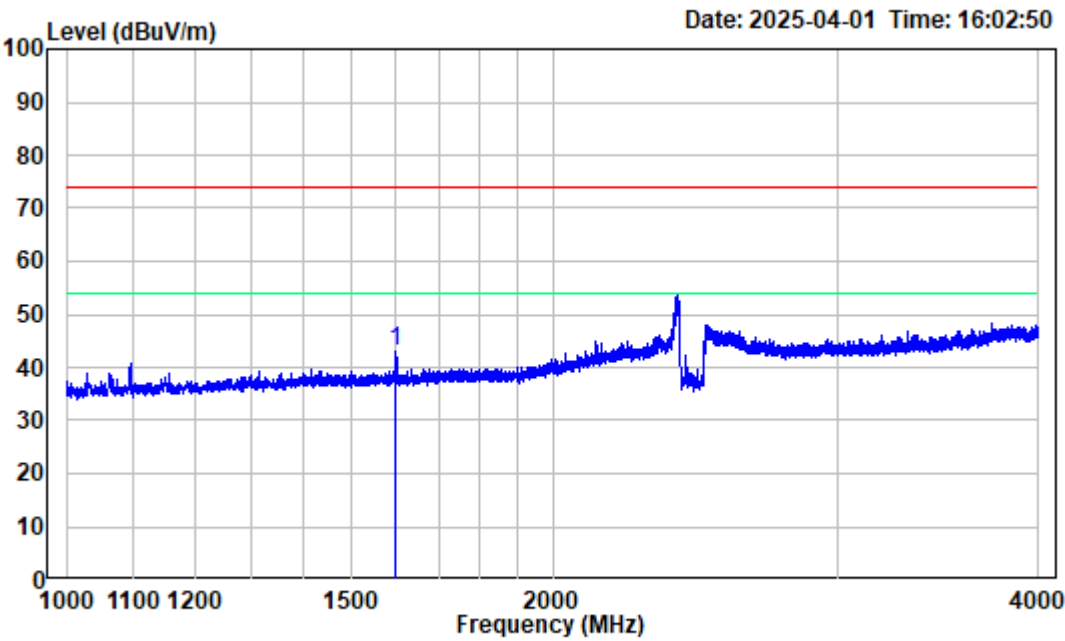
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 Low Channel 2422MHz

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	1597.750	-13.71	56.68	42.97	74.00	-31.03	Peak



Site : chamber

Condition : 3m VERTICAL

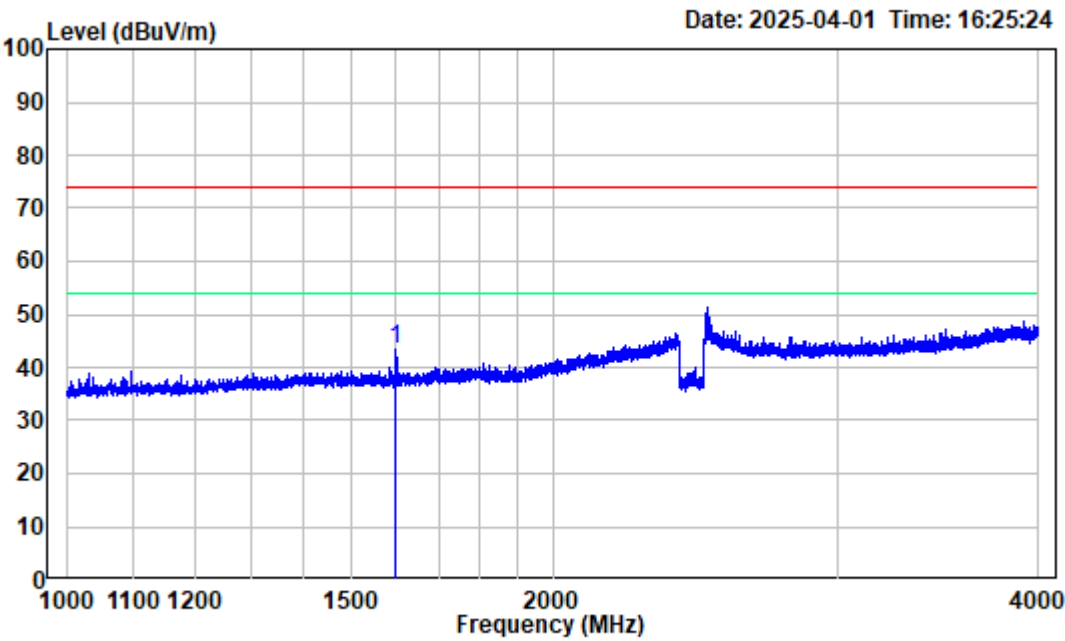
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4

Test Mode : Transmitting      Tester:Kevin Lv

Note : 802.11n40 Low Channel 2422MHz

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 1600.375	-13.72	56.67	42.95	74.00	-31.05	Peak



Site : chamber

Condition : 3m HORIZONTAL

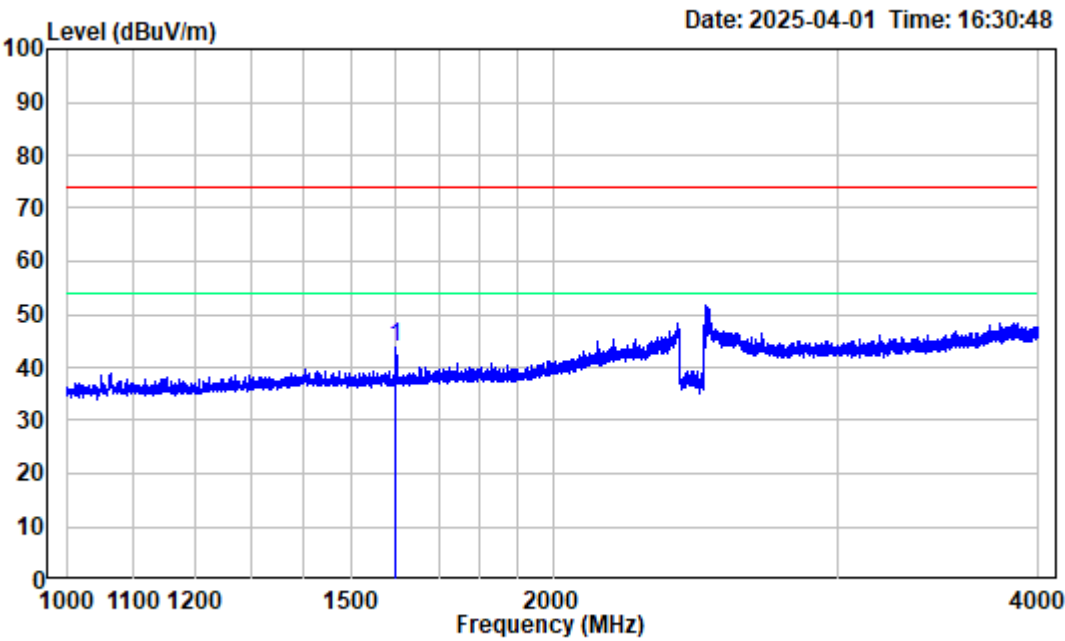
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4

Test Mode : Transmitting      Tester:Kevin Lv

Note : 802.11n40 Middle Channel 2437MHz

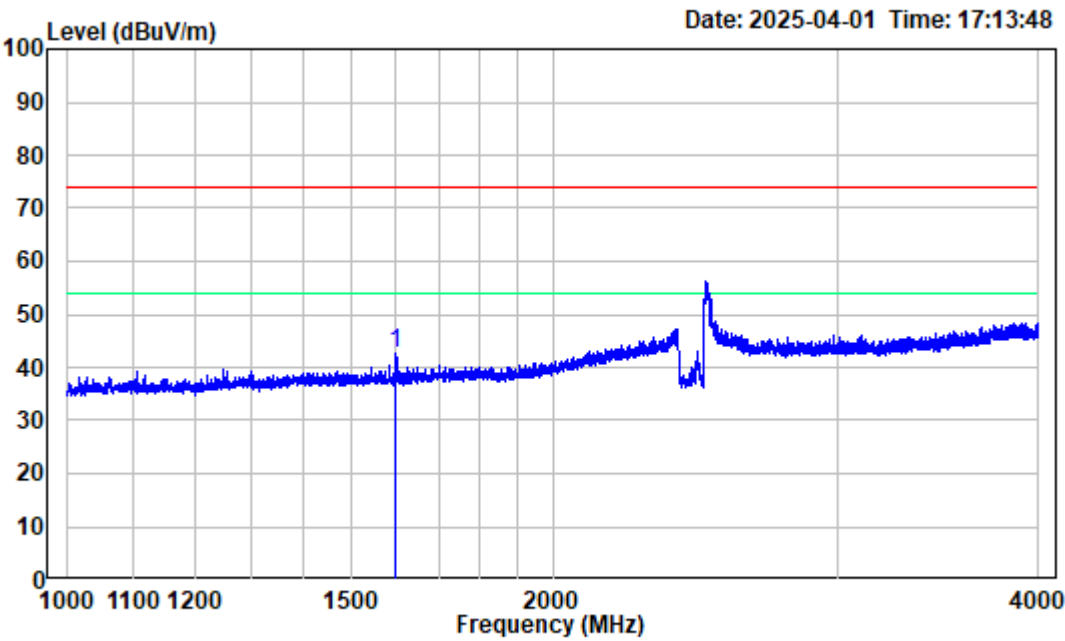
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1600.000	-13.72	57.04	43.32	74.00	-30.68	Peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 Middle Channel 2437MHz  
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	1599.625	-13.72	57.45	43.73	74.00	-30.27	Peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

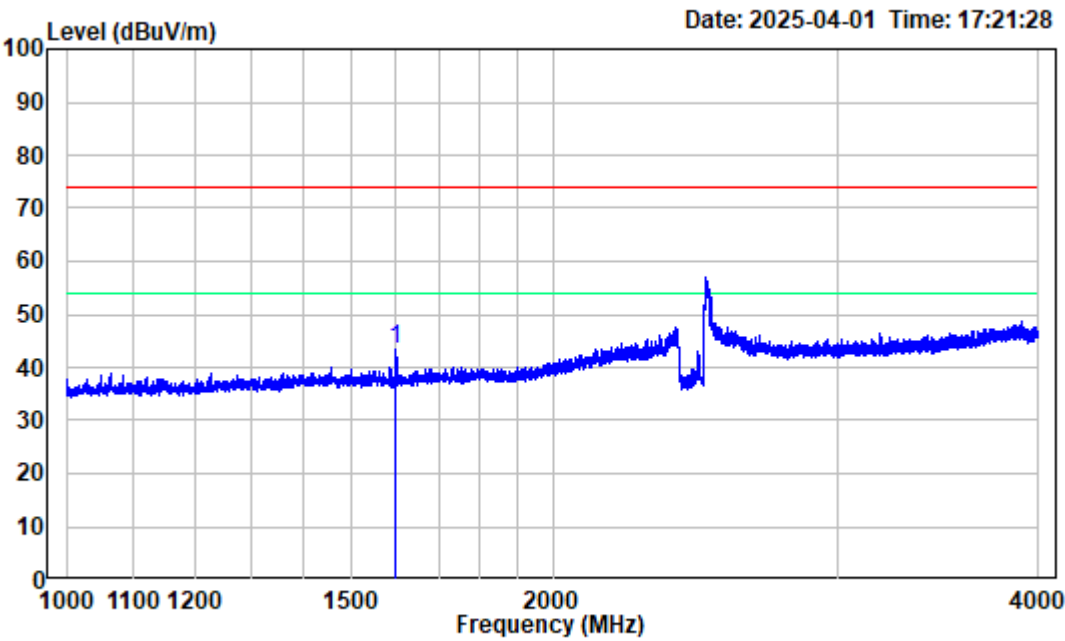
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 High Channel 2452MHz

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	1597.750	-13.71	56.20	42.49	74.00	-31.51	Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

Test Mode : Transmitting

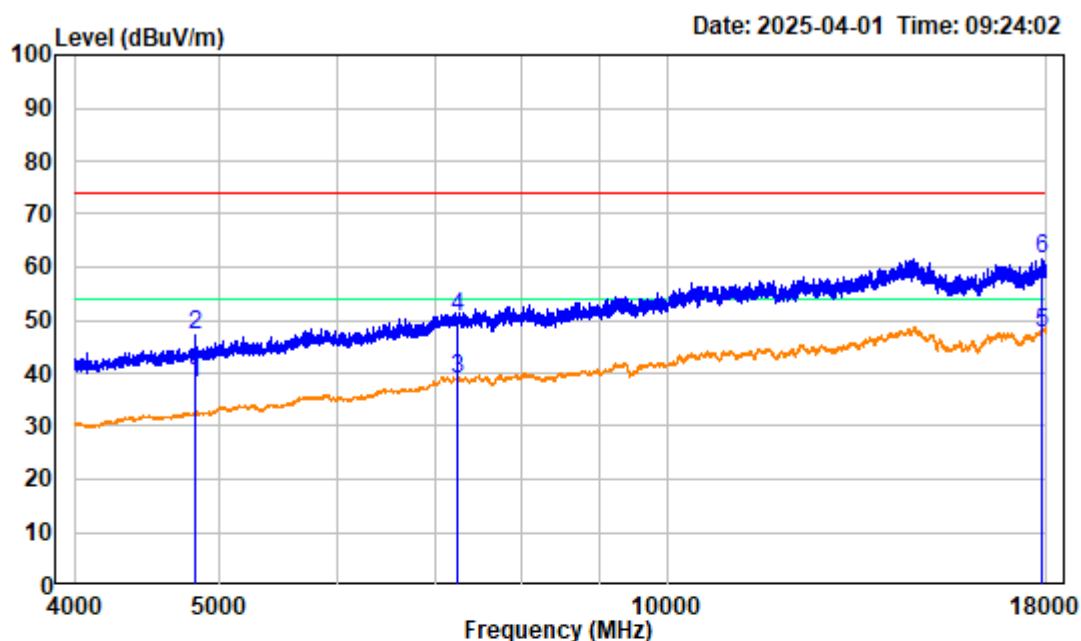
Tester:Kevin Lv

Note : 802.11n40 High Channel 2452MHz

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	1597.750	-13.71	56.98	43.27	74.00	-30.73	Peak

## 4GHz~18GHz:



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

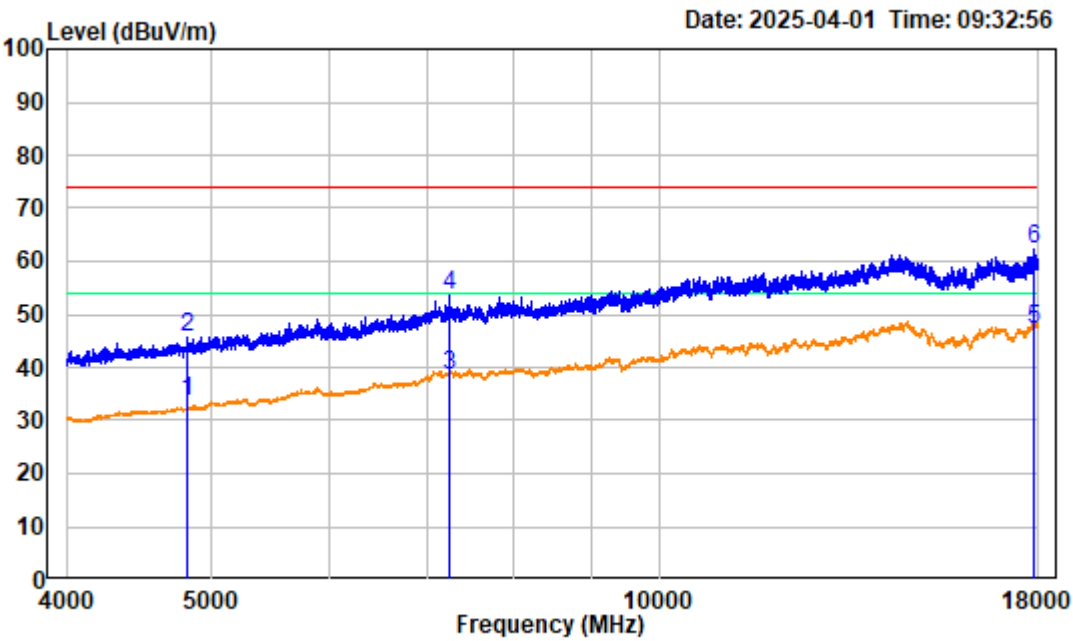
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b Low Channel 2412MHz

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

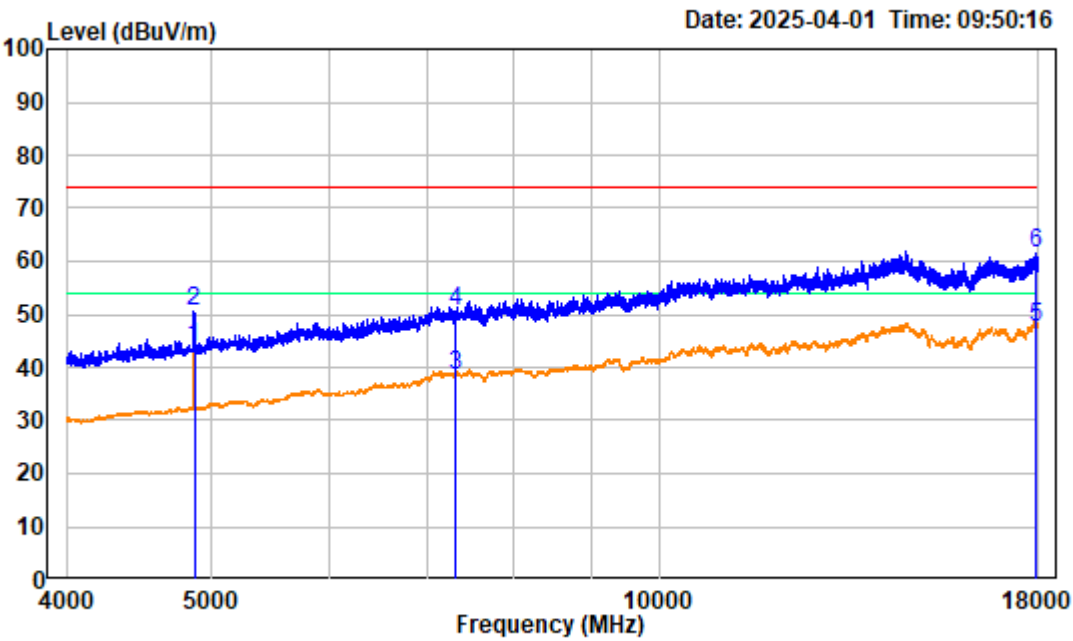
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.61	44.87	38.26	54.00	-15.74	Average
2	4824.000	-6.61	53.68	47.07	74.00	-26.93	peak
3	7236.000	-1.31	40.00	38.69	54.00	-15.31	Average
4	7236.000	-1.31	52.00	50.69	74.00	-23.31	peak
5	17867.000	8.23	39.29	47.52	54.00	-6.48	average
6	17867.000	8.23	53.29	61.52	74.00	-12.48	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b Low Channel 2412MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

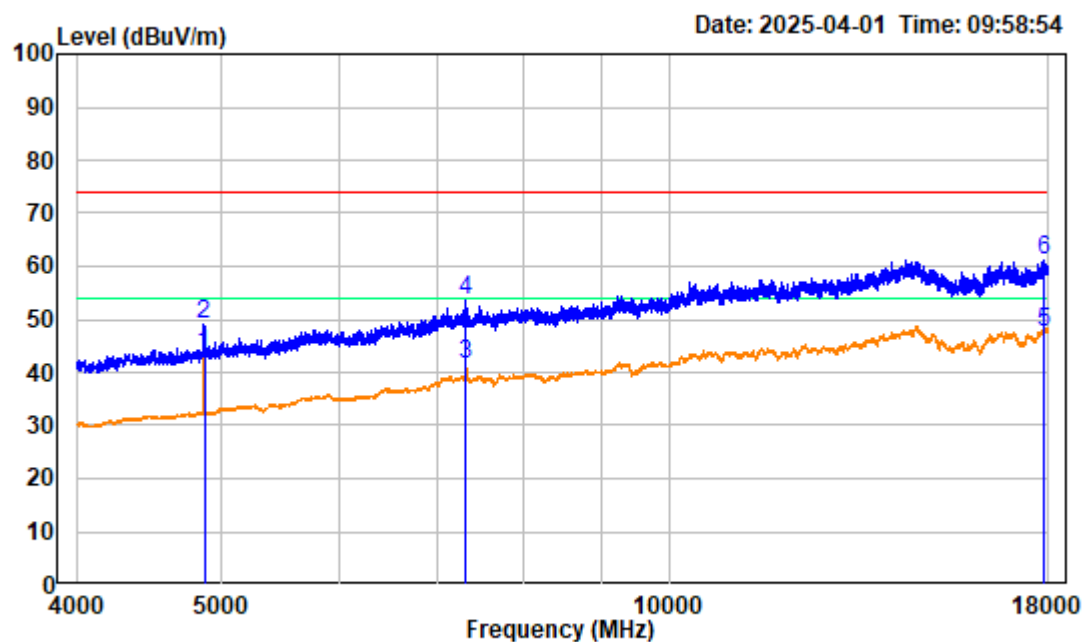
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.61	40.15	33.54	54.00	-20.46	Average
2	4824.000	-6.61	52.19	45.58	74.00	-28.42	peak
3	7236.000	-1.31	39.97	38.66	54.00	-15.34	Average
4	7236.000	-1.31	54.97	53.66	74.00	-20.34	peak
5	17872.250	8.23	39.11	47.34	54.00	-6.66	average
6	17872.250	8.23	54.11	62.34	74.00	-11.66	peak





Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b Middle Channel 2437MHz  
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	-6.63	50.34	43.71	54.00	-10.29	Average
2	4874.000	-6.63	57.01	50.38	74.00	-23.62	peak
3	7311.000	-1.21	39.84	38.63	54.00	-15.37	Average
4	7311.000	-1.21	51.84	50.63	74.00	-23.37	peak
5	17923.000	8.22	39.28	47.50	54.00	-6.50	average
6	17923.000	8.22	53.28	61.50	74.00	-12.50	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

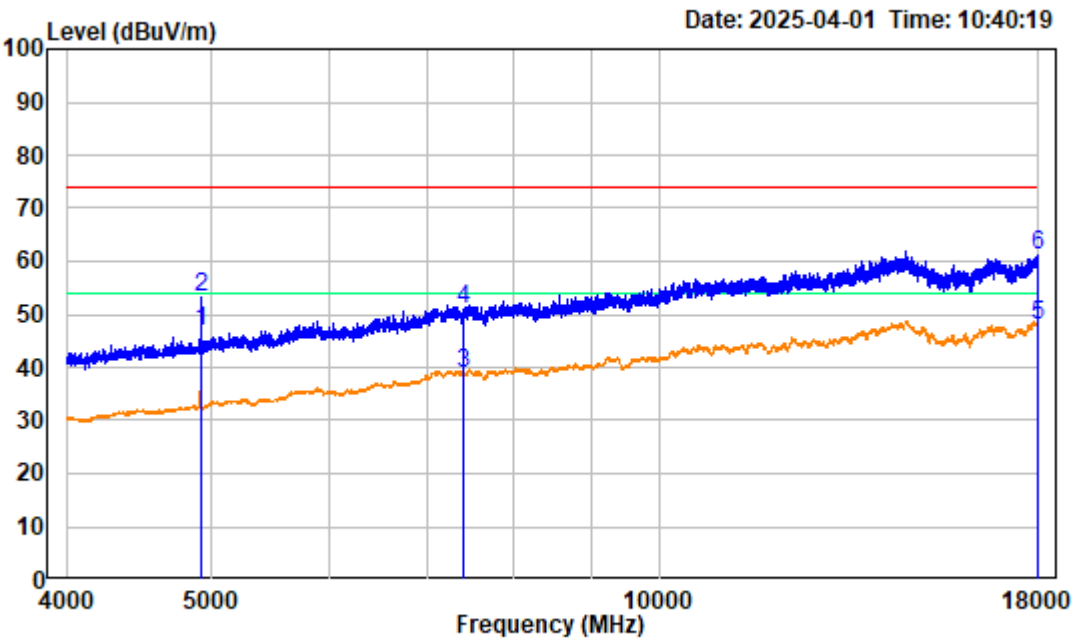
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b Middle Channel 2437MHz

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	-6.63	50.10	43.47	54.00	-10.53	Average
2	4874.000	-6.63	55.67	49.04	74.00	-24.96	peak
3	7311.000	-1.21	42.62	41.41	54.00	-12.59	Average
4	7311.000	-1.21	54.62	53.41	74.00	-20.59	peak
5	17872.250	8.23	39.30	47.53	54.00	-6.47	average
6	17872.250	8.23	53.00	61.23	74.00	-12.77	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

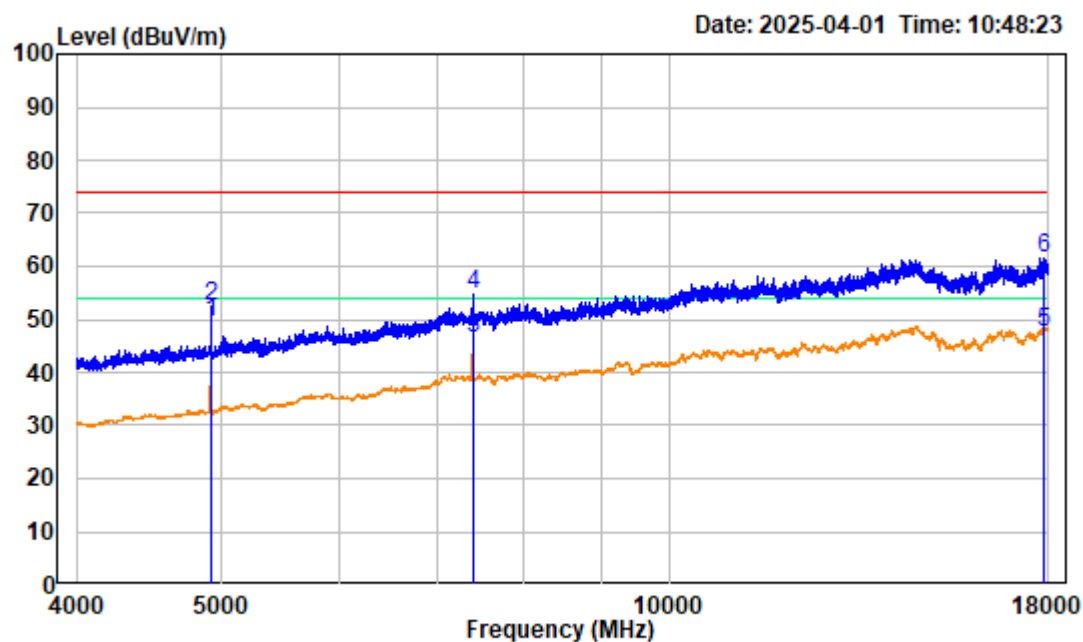
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b High Channel 2462MHz

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	-6.60	53.47	46.87	54.00	-7.13	Average
2	4924.000	-6.60	59.74	53.14	74.00	-20.86	peak
3	7386.000	-1.38	40.38	39.00	54.00	-15.00	Average
4	7386.000	-1.38	52.38	51.00	74.00	-23.00	peak
5	17984.250	8.29	39.64	47.93	54.00	-6.07	average
6	17984.250	8.29	52.94	61.23	74.00	-12.77	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

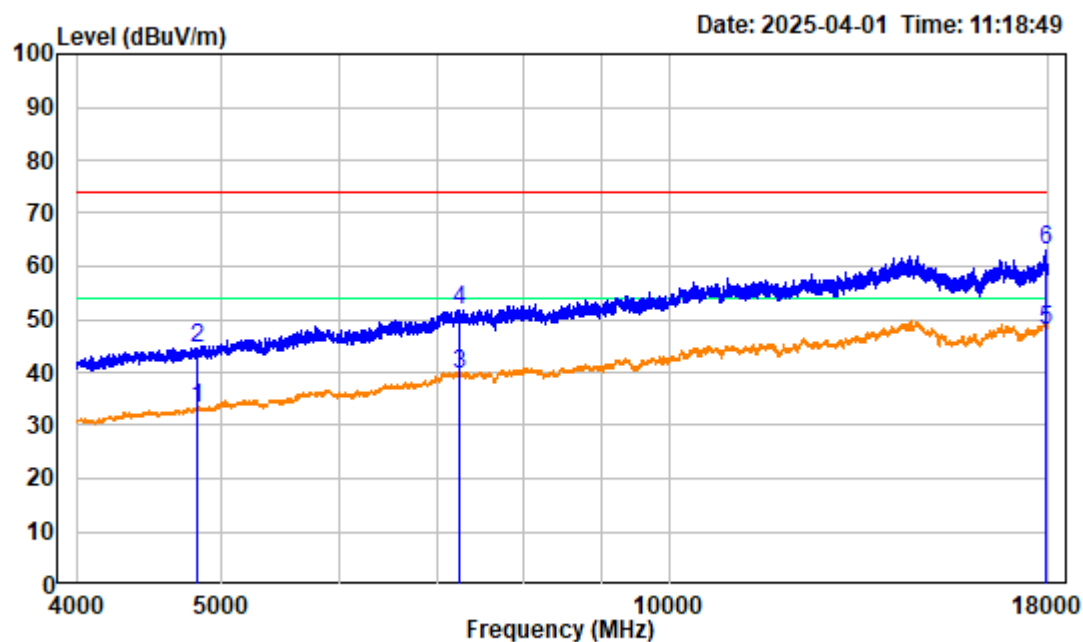
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b High Channel 2462MHz

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	-6.60	56.22	49.62	54.00	-4.38	Average
2	4924.000	-6.60	59.19	52.59	74.00	-21.41	peak
3	7386.000	-1.38	47.92	46.54	54.00	-7.46	Average
4	7386.000	-1.38	55.92	54.54	74.00	-19.46	peak
5	17858.250	8.23	39.46	47.69	54.00	-6.31	average
6	17858.250	8.23	53.46	61.69	74.00	-12.31	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

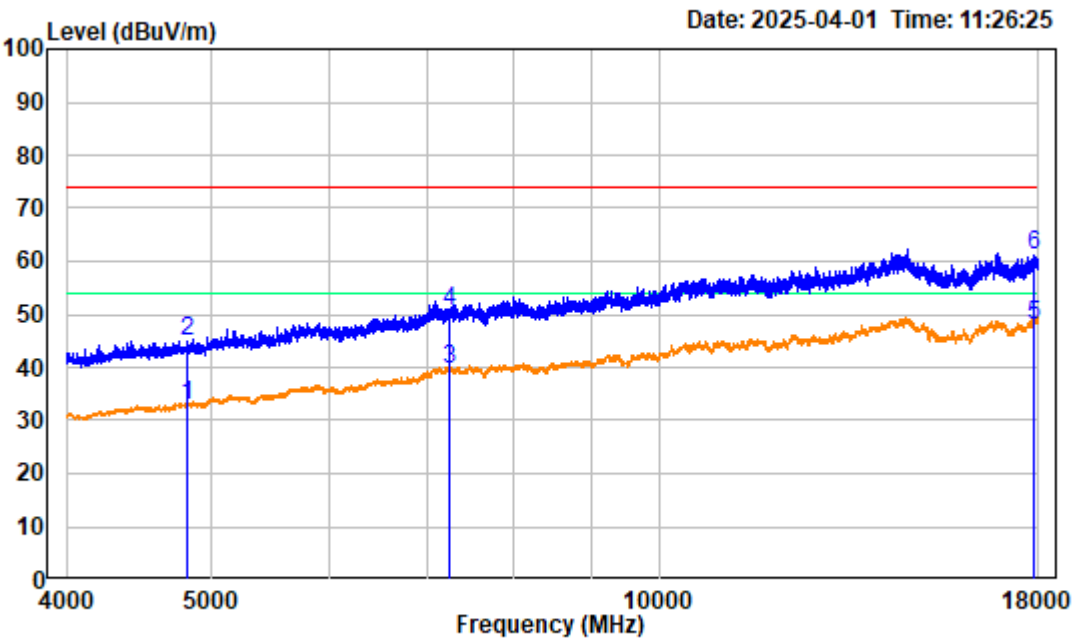
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g Low Channel 2412MHz

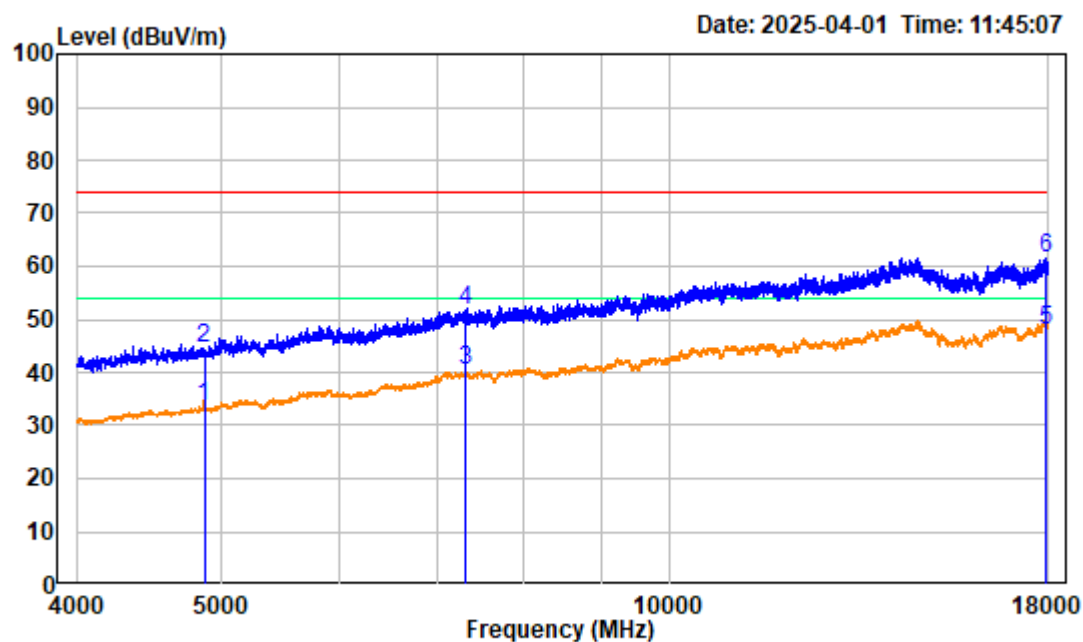
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.61	39.77	33.16	54.00	-20.84	Average
2	4824.000	-6.61	50.97	44.36	74.00	-29.64	peak
3	7236.000	-1.31	40.98	39.67	54.00	-14.33	Average
4	7236.000	-1.31	52.98	51.67	74.00	-22.33	peak
5	17909.000	8.23	39.68	47.91	54.00	-6.09	average
6	17909.000	8.23	54.78	63.01	74.00	-10.99	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g Low Channel 2412MHz  
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	-6.61	39.60	32.99	54.00	-21.01	Average
2	4824.000	-6.61	51.60	44.99	74.00	-29.01	peak
3	7236.000	-1.31	40.82	39.51	54.00	-14.49	Average
4	7236.000	-1.31	51.82	50.51	74.00	-23.49	peak
5	17874.000	8.23	39.53	47.76	54.00	-6.24	average
6	17874.000	8.23	53.03	61.26	74.00	-12.74	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

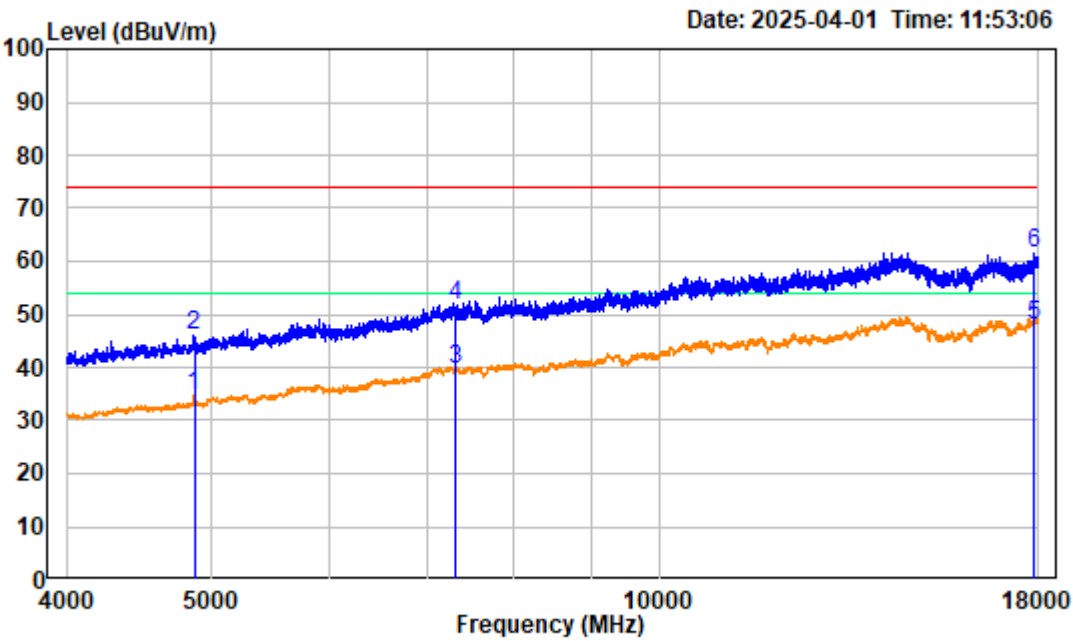
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g Middle Channel 2437MHz

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	-6.63	40.20	33.57	54.00	-20.43	Average
2	4874.000	-6.63	51.00	44.37	74.00	-29.63	peak
3	7311.000	-1.21	41.77	40.56	54.00	-13.44	Average
4	7311.000	-1.21	53.07	51.86	74.00	-22.14	peak
5	17930.000	8.20	39.66	47.86	54.00	-6.14	average
6	17930.000	8.20	53.46	61.66	74.00	-12.34	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

Test Mode : Transmitting

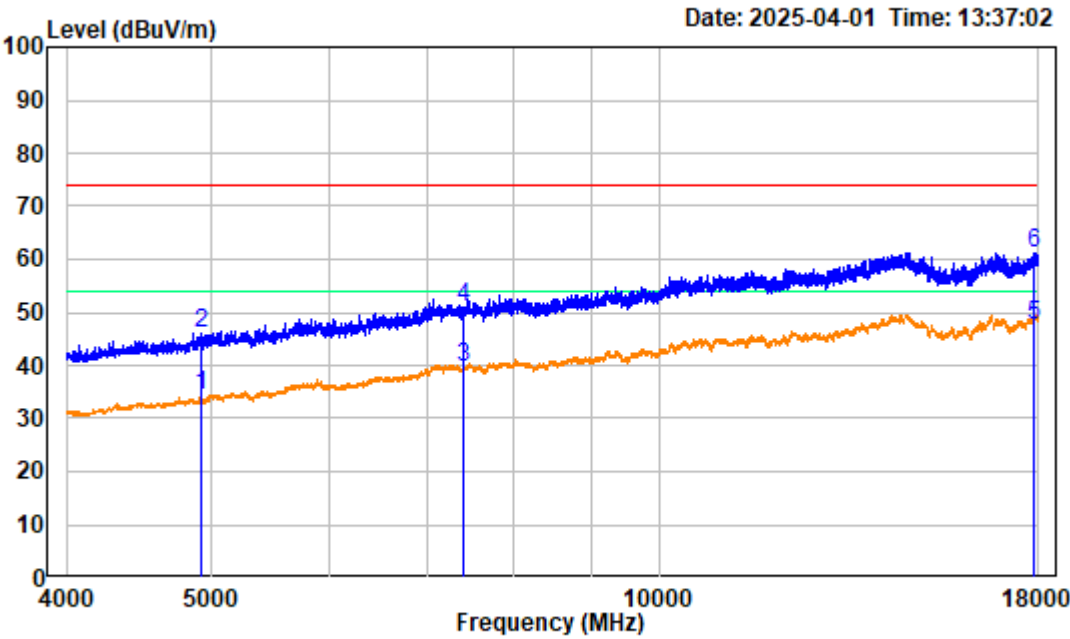
Tester:Kevin Lv

Note : 802.11g Middle Channel 2437MHz

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

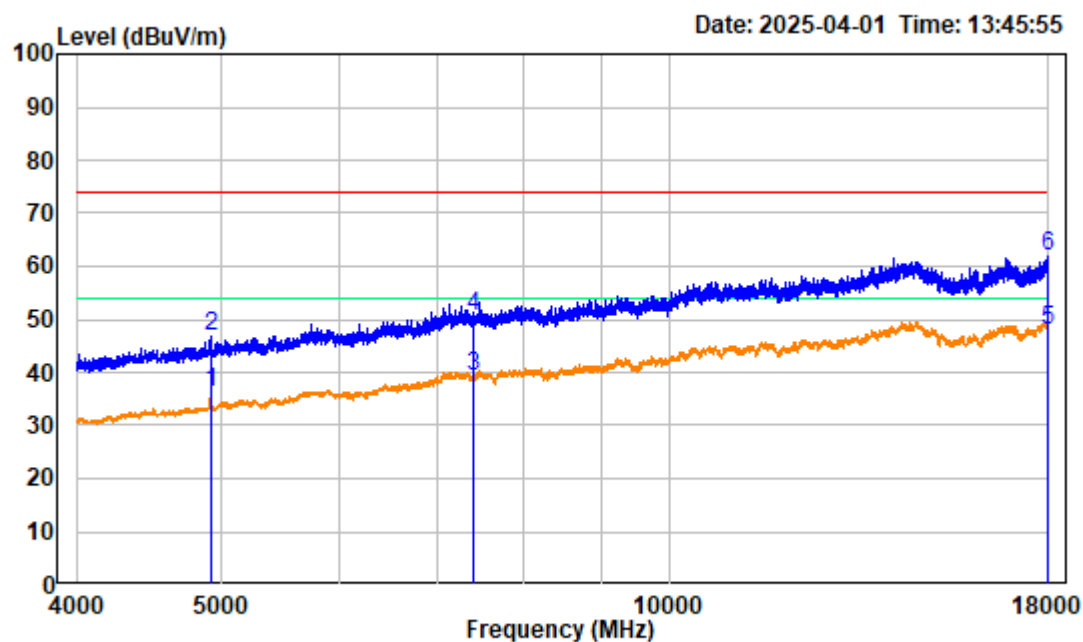
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.63	41.28	34.65	54.00	-19.35	Average
2	4874.000	-6.63	52.59	45.96	74.00	-28.04	peak
3	7311.000	-1.21	40.78	39.57	54.00	-14.43	Average
4	7311.000	-1.21	52.78	51.57	74.00	-22.43	peak
5	17861.750	8.24	39.58	47.82	54.00	-6.18	average
6	17861.750	8.24	53.18	61.42	74.00	-12.58	peak





Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g High Channel 2462MHz  
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	-6.60	41.12	34.52	54.00	-19.48	Average
2	4924.000	-6.60	52.57	45.97	74.00	-28.03	peak
3	7386.000	-1.38	41.15	39.77	54.00	-14.23	Average
4	7386.000	-1.38	52.15	50.77	74.00	-23.23	peak
5	17856.500	8.23	39.43	47.66	54.00	-6.34	average
6	17856.500	8.23	52.89	61.12	74.00	-12.88	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

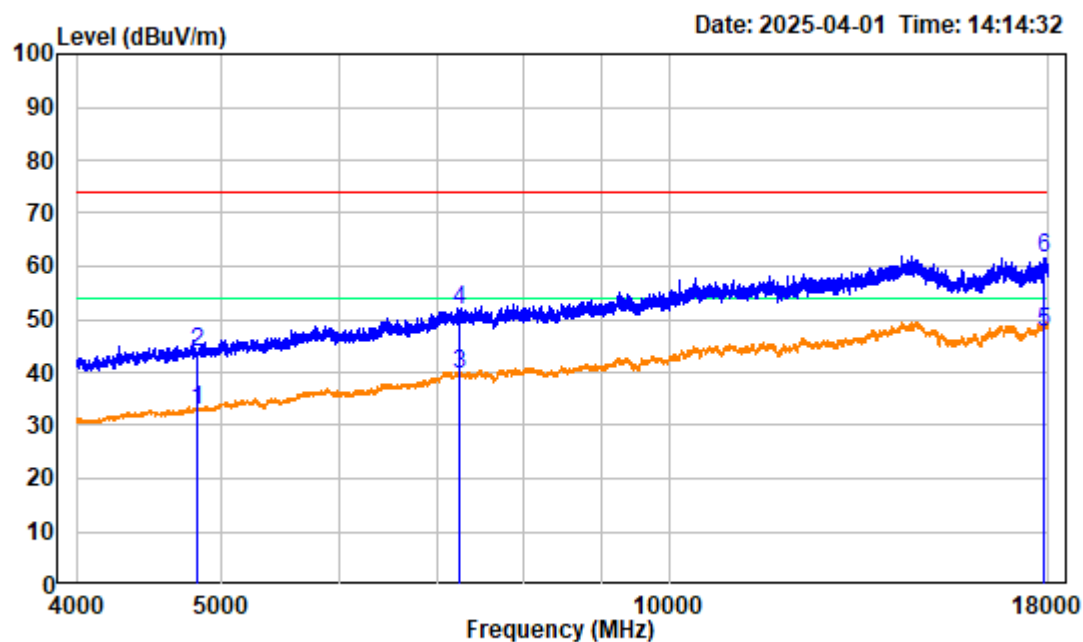
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g High Channel 2462MHz

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	-6.60	43.01	36.41	54.00	-17.59	Average
2	4924.000	-6.60	53.44	46.84	74.00	-27.16	peak
3	7386.000	-1.38	40.81	39.43	54.00	-14.57	Average
4	7386.000	-1.38	52.11	50.73	74.00	-23.27	peak
5	17987.750	8.30	39.48	47.78	54.00	-6.22	average
6	17987.750	8.30	53.48	61.78	74.00	-12.22	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

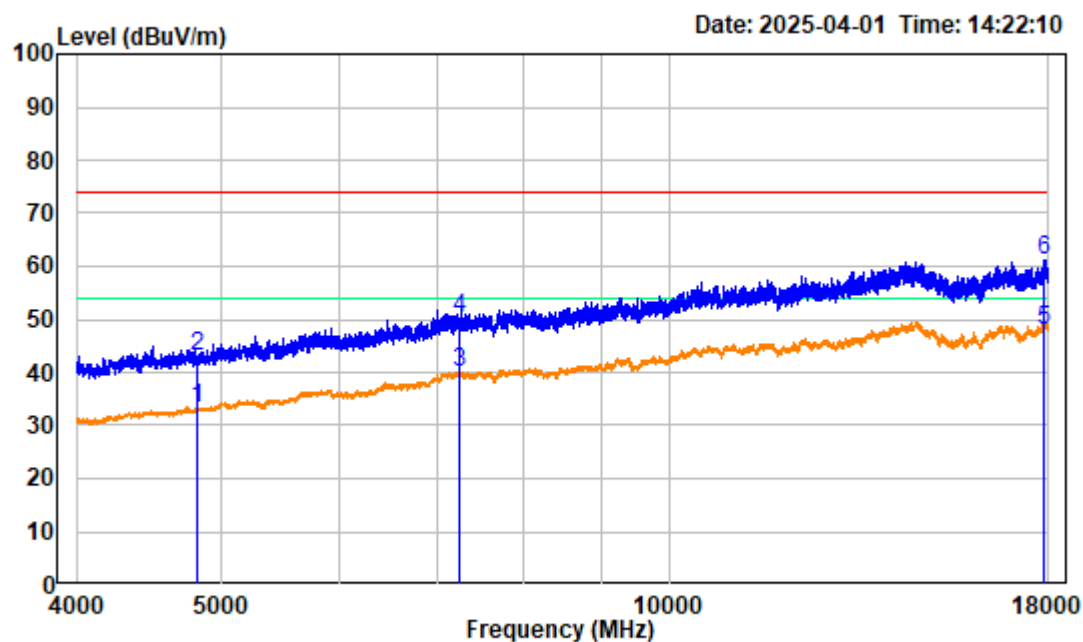
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n20 Low Channel 2412MHz

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	-6.61	39.41	32.80	54.00	-21.20	Average
2	4824.000	-6.61	50.41	43.80	74.00	-30.20	peak
3	7236.000	-1.31	41.00	39.69	54.00	-14.31	Average
4	7236.000	-1.31	53.00	51.69	74.00	-22.31	peak
5	17895.000	8.23	39.32	47.55	54.00	-6.45	average
6	17895.000	8.23	53.42	61.65	74.00	-12.35	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

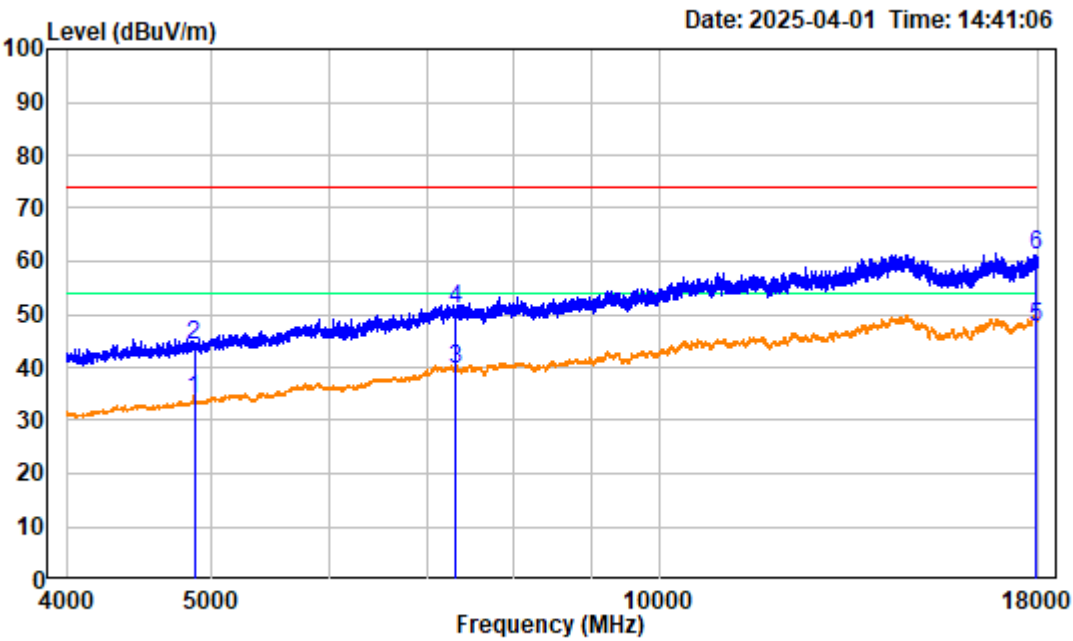
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n20 Low Channel 2412MHz

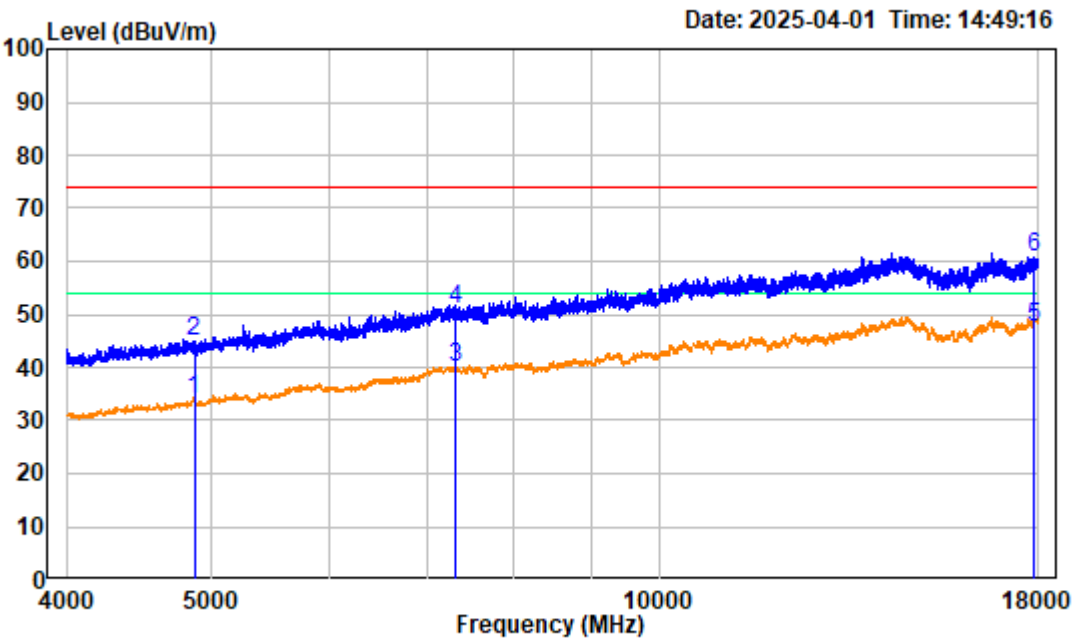
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4824.000	-6.61	39.76	33.15	54.00	-20.85	Average
2	4824.000	-6.61	49.76	43.15	74.00	-30.85	peak
3	7236.000	-1.31	41.31	40.00	54.00	-14.00	Average
4	7236.000	-1.31	51.31	50.00	74.00	-24.00	peak
5	17870.500	8.23	39.63	47.86	54.00	-6.14	average
6	17870.500	8.23	53.03	61.26	74.00	-12.74	peak



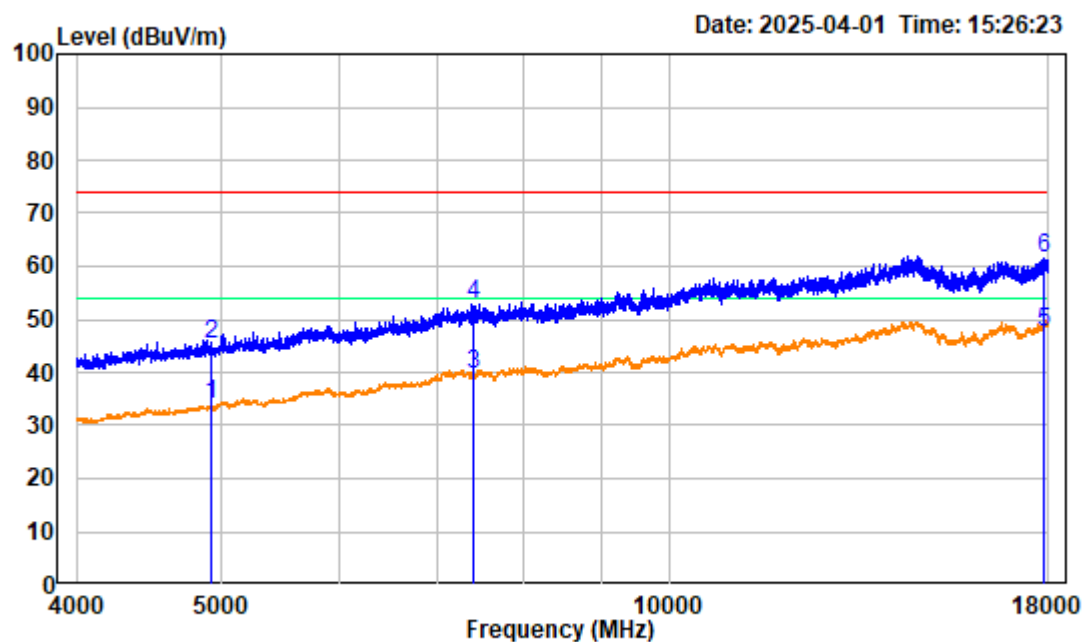
Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 Middle Channel 2437MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4874.000	-6.63	40.67	34.04	54.00	-19.96	Average
2	4874.000	-6.63	50.87	44.24	74.00	-29.76	peak
3	7311.000	-1.21	40.99	39.78	54.00	-14.22	Average
4	7311.000	-1.21	51.99	50.78	74.00	-23.22	peak
5	17940.500	8.19	39.37	47.56	54.00	-6.44	average
6	17940.500	8.19	52.97	61.16	74.00	-12.84	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 Middle Channel 2437MHz  
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	-6.63	40.55	33.92	54.00	-20.08	Average
2	4874.000	-6.63	51.55	44.92	74.00	-29.08	peak
3	7311.000	-1.21	41.03	39.82	54.00	-14.18	Average
4	7311.000	-1.21	52.03	50.82	74.00	-23.18	peak
5	17882.750	8.24	39.45	47.69	54.00	-6.31	average
6	17882.750	8.24	52.45	60.69	74.00	-13.31	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

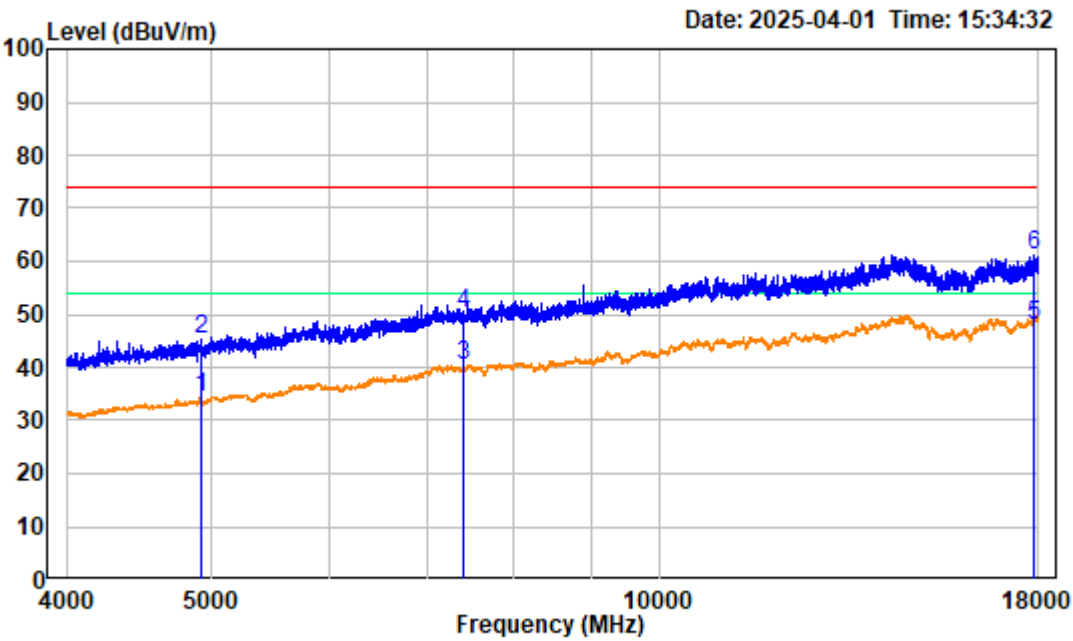
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n20 High Channel 2462MHz

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

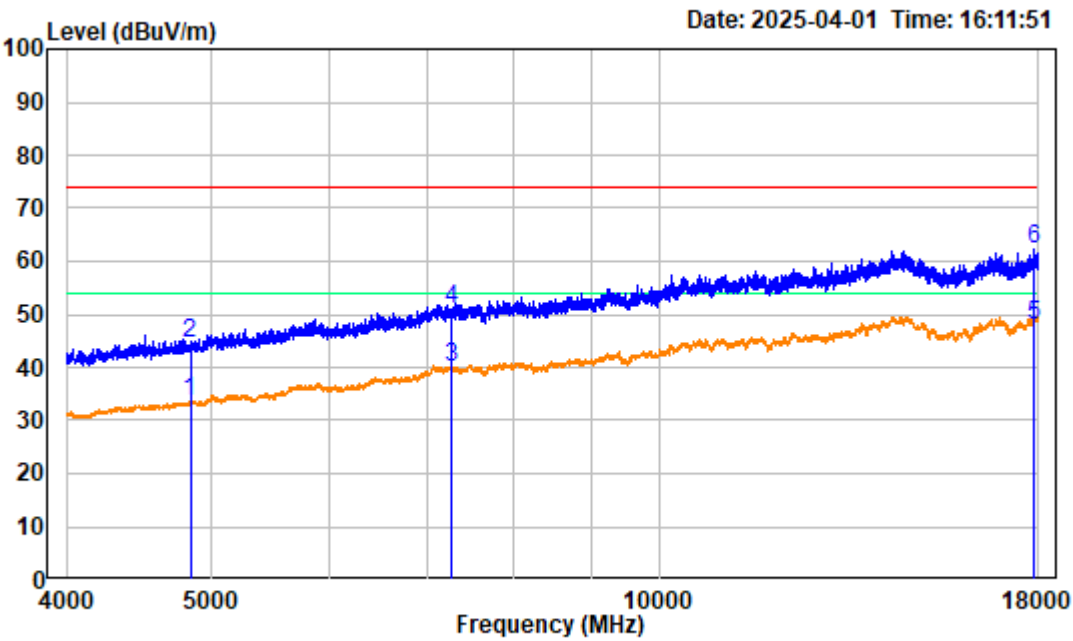
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4924.000	-6.60	40.63	34.03	54.00	-19.97	Average
2	4924.000	-6.60	52.03	45.43	74.00	-28.57	peak
3	7386.000	-1.38	41.03	39.65	54.00	-14.35	Average
4	7386.000	-1.38	54.03	52.65	74.00	-21.35	peak
5	17858.250	8.23	39.51	47.74	54.00	-6.26	average
6	17858.250	8.23	53.21	61.44	74.00	-12.56	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 High Channel 2462MHz  
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	-6.60	41.03	34.43	54.00	-19.57	Average
2	4924.000	-6.60	52.03	45.43	74.00	-28.57	peak
3	7386.000	-1.38	41.60	40.22	54.00	-13.78	Average
4	7386.000	-1.38	51.60	50.22	74.00	-23.78	peak
5	17879.250	8.24	39.71	47.95	54.00	-6.05	average
6	17879.250	8.24	52.81	61.05	74.00	-12.95	peak





Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

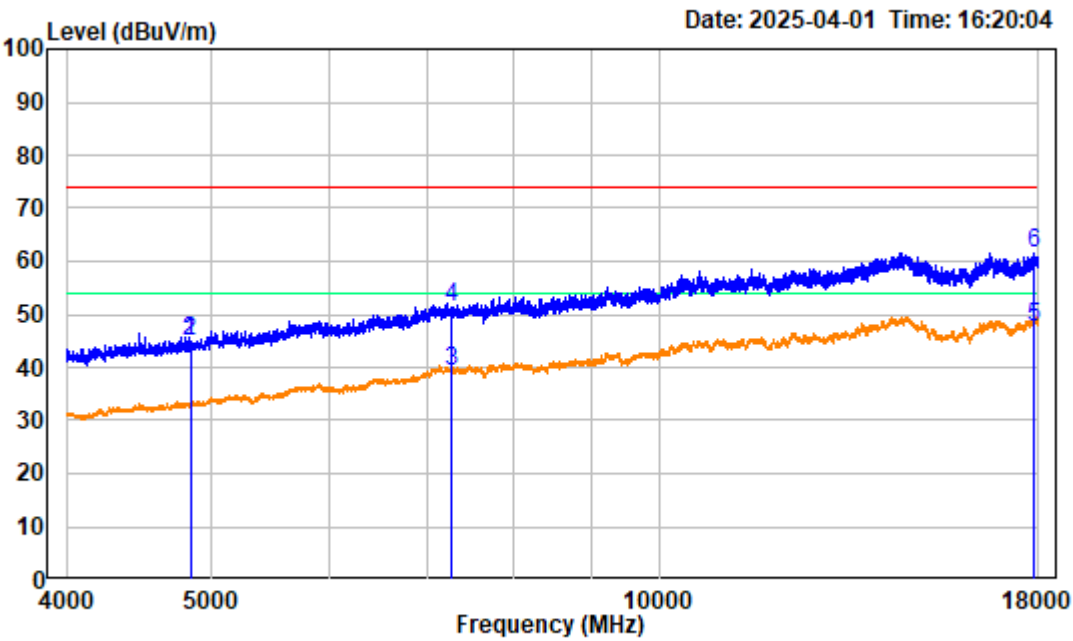
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 Low Channel 2422MHz

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	4844.000	-6.62	40.17	33.55	54.00	-20.45	Average
2	4844.000	-6.62	51.17	44.55	74.00	-29.45	peak
3	7266.000	-1.26	41.19	39.93	54.00	-14.07	Average
4	7266.000	-1.26	52.19	50.93	74.00	-23.07	peak
5	17893.250	8.24	39.59	47.83	54.00	-6.17	average
6	17893.250	8.24	53.99	62.23	74.00	-11.77	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

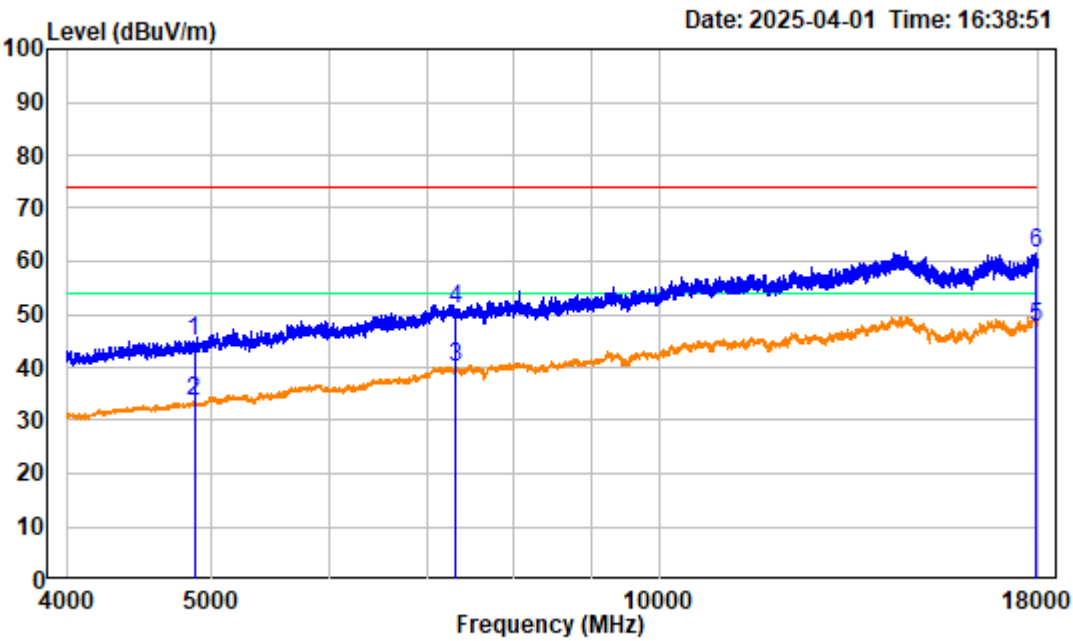
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 Low Channel 2422MHz

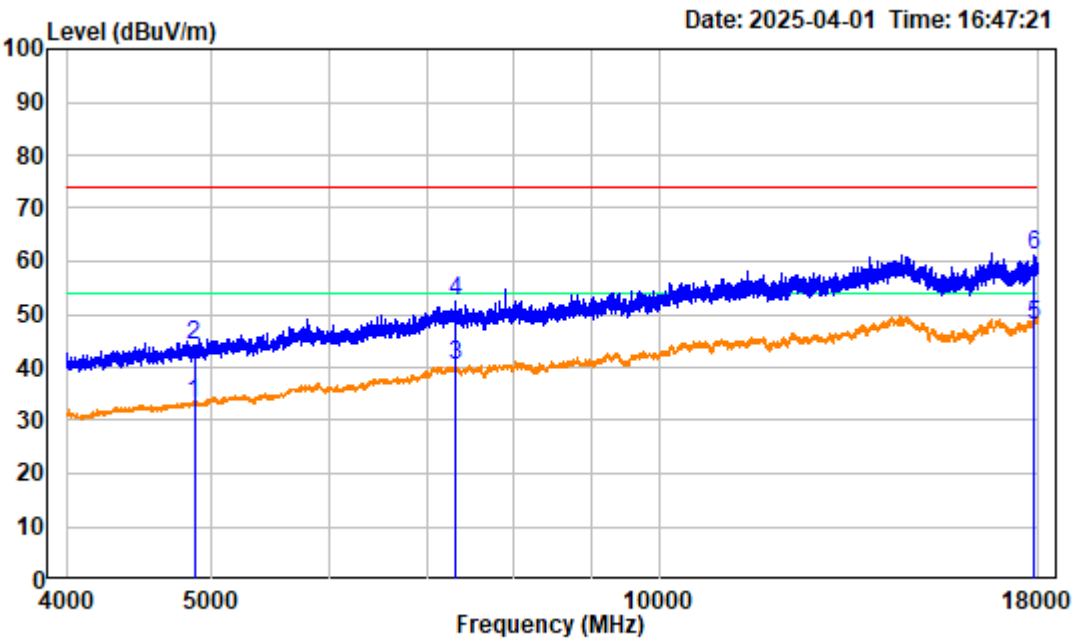
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4844.000	-6.62	51.64	45.02	54.00	-8.98	Average
2	4844.000	-6.62	51.64	45.02	74.00	-28.98	peak
3	7266.000	-1.26	40.60	39.34	54.00	-14.66	Average
4	7266.000	-1.26	52.60	51.34	74.00	-22.66	peak
5	17868.750	8.23	39.49	47.72	54.00	-6.28	average
6	17868.750	8.23	53.19	61.42	74.00	-12.58	peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 Middle Channel 2437MHz  
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	-6.63	51.43	44.80	54.00	-9.20	Average
2	4874.000	-6.63	40.03	33.40	74.00	-40.60	peak
3	7311.000	-1.21	41.19	39.98	54.00	-14.02	Average
4	7311.000	-1.21	52.19	50.98	74.00	-23.02	peak
5	17916.000	8.23	39.31	47.54	54.00	-6.46	average
6	17916.000	8.23	53.31	61.54	74.00	-12.46	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

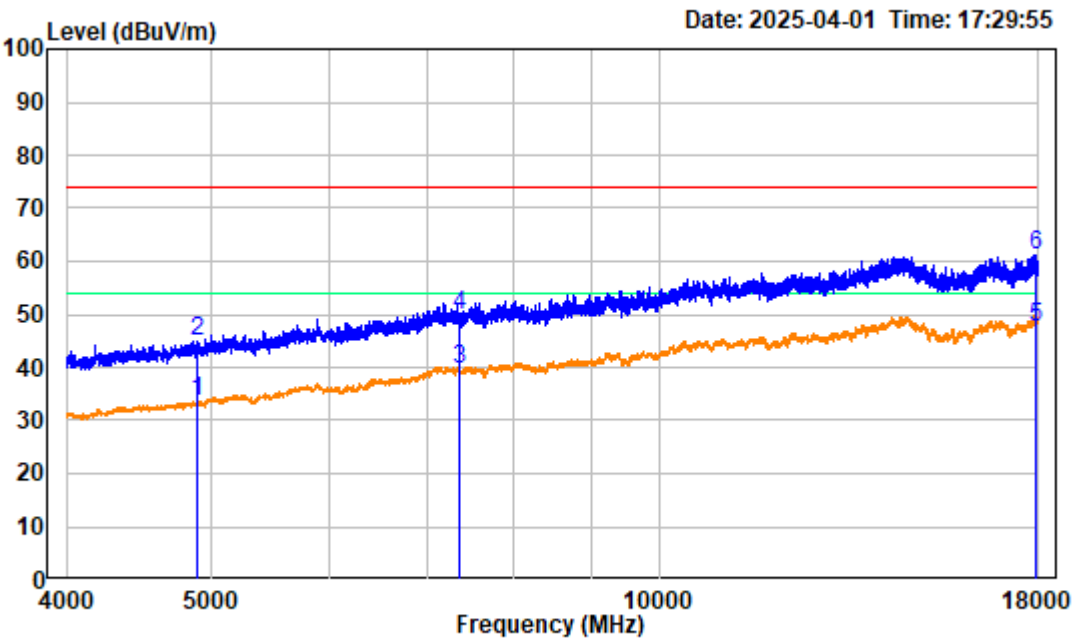
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 Middle Channel 2437MHz

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	-6.63	39.79	33.16	54.00	-20.84	Average
2	4874.000	-6.63	50.79	44.16	74.00	-29.84	peak
3	7311.000	-1.21	41.66	40.45	54.00	-13.55	Average
4	7311.000	-1.21	53.66	52.45	74.00	-21.55	peak
5	17881.000	8.23	39.61	47.84	54.00	-6.16	average
6	17881.000	8.23	52.91	61.14	74.00	-12.86	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

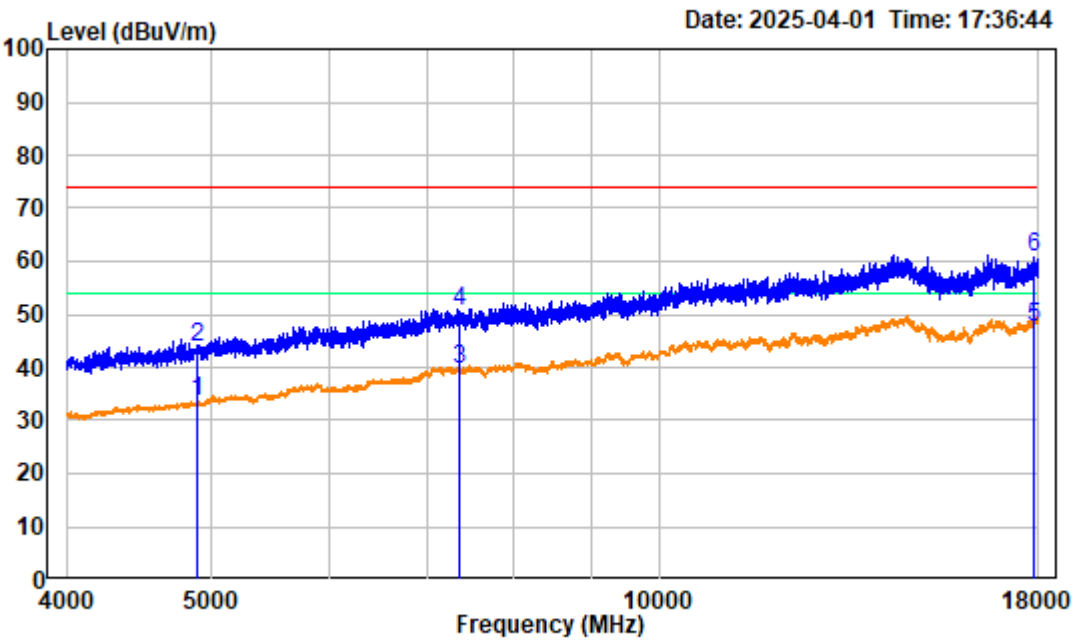
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 High Channel 2452MHz

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

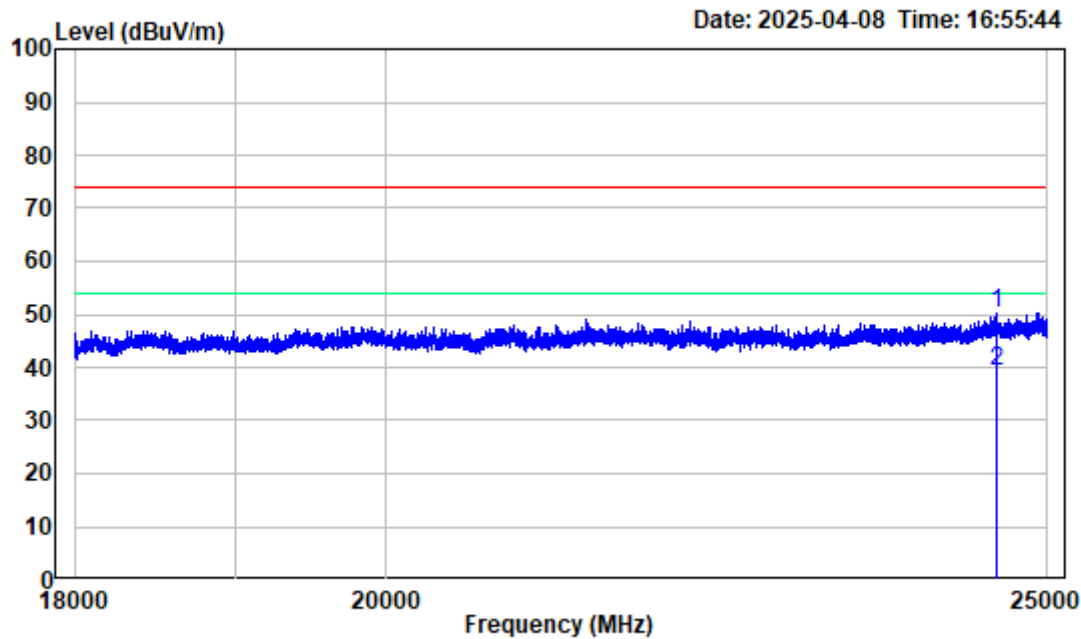
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.63	40.38	33.75	54.00	-20.25	Average
2	4904.000	-6.63	51.38	44.75	74.00	-29.25	peak
3	7356.000	-1.31	41.11	39.80	54.00	-14.20	Average
4	7356.000	-1.31	51.11	49.80	74.00	-24.20	peak
5	17905.500	8.23	39.48	47.71	54.00	-6.29	average
6	17905.500	8.23	52.78	61.01	74.00	-12.99	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 High Channel 2452MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

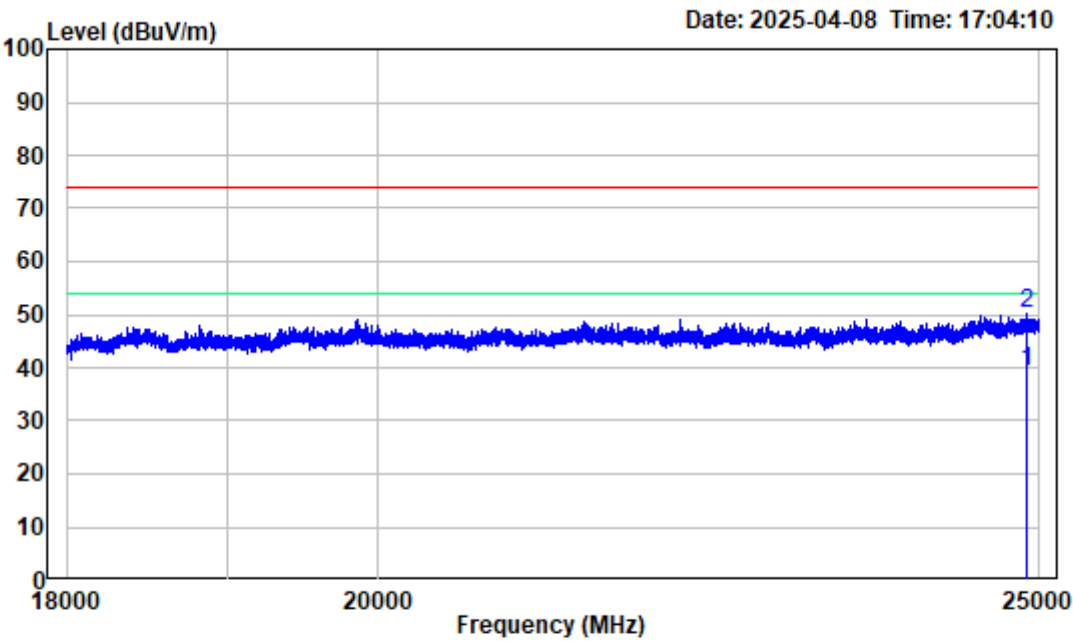
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4904.000	-6.63	40.29	33.66	54.00	-20.34	Average
2	4904.000	-6.63	50.29	43.66	74.00	-30.34	peak
3	7356.000	-1.31	41.01	39.70	54.00	-14.30	Average
4	7356.000	-1.31	52.01	50.70	74.00	-23.30	peak
5	17867.000	8.23	39.39	47.62	54.00	-6.38	average
6	17867.000	8.23	52.49	60.72	74.00	-13.28	peak

18GHz~25GHz:



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g High Channel 2462MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

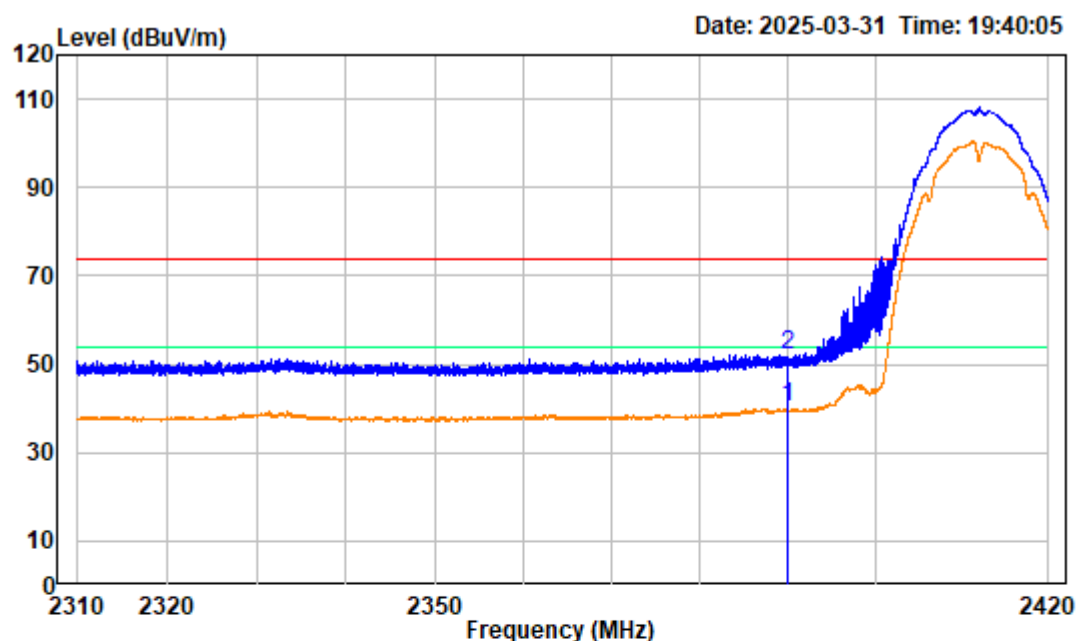
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	24572.130	-0.37	50.55	50.18	74.00	-23.82	Peak
2	24572.130	-0.37	39.55	39.18	54.00	-14.82	Average



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g High Channel 2462MHz  
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	24898.500	0.40	38.67	39.07	54.00	-14.93	Average
2	24898.500	0.40	49.67	50.07	74.00	-23.93	Peak



**Band Edge:**

Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

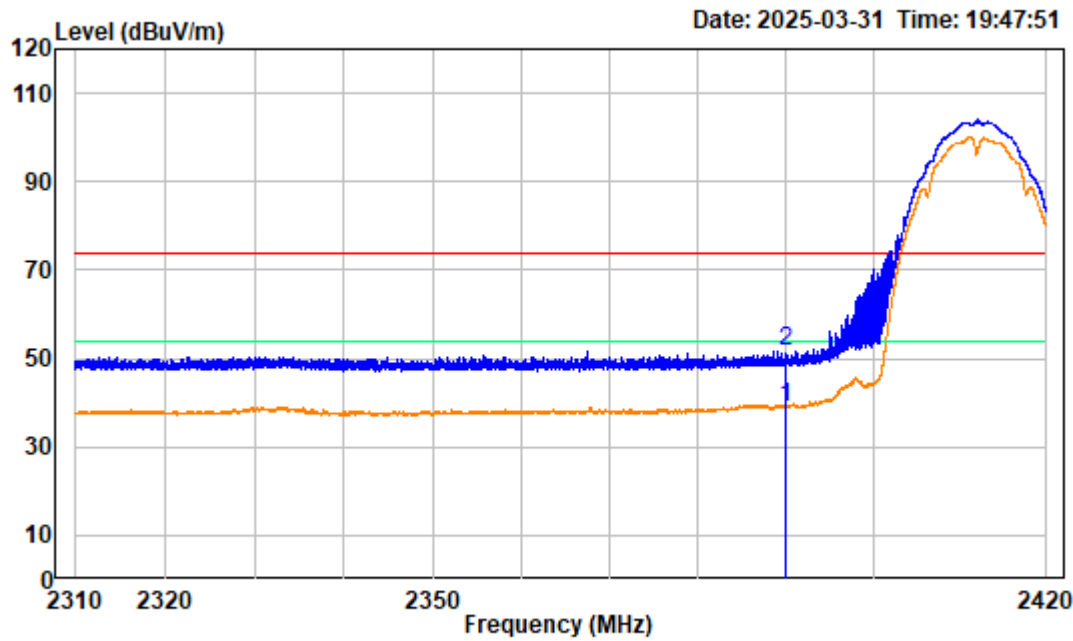
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11b Low Channel 2412MHz

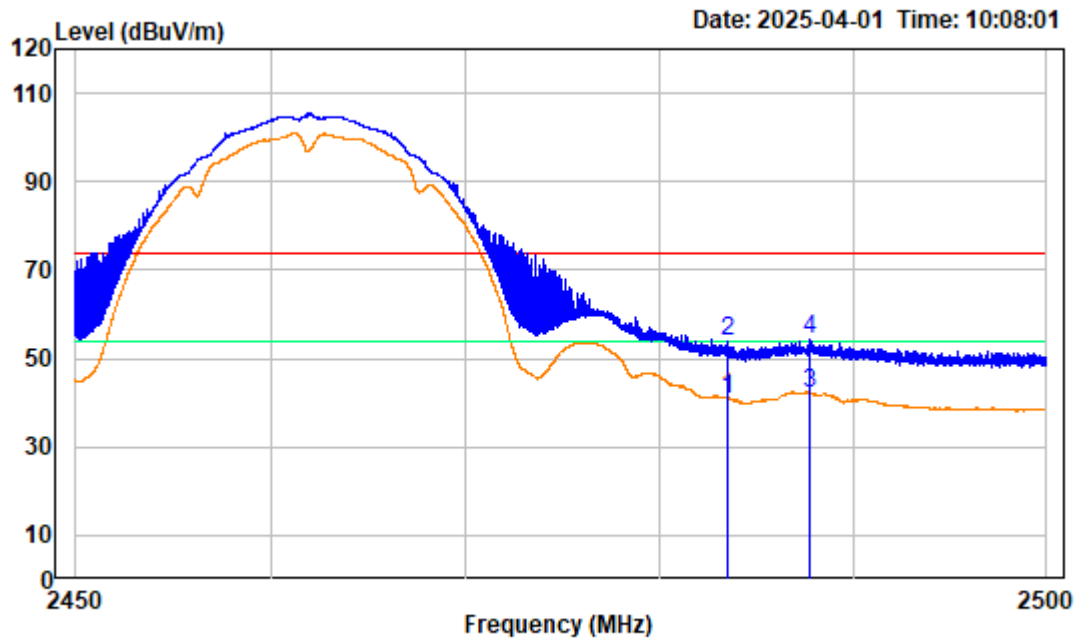
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	-10.24	50.37	40.13	54.00	-13.87	average
2	2390.000	-10.24	62.37	52.13	74.00	-21.87	peak



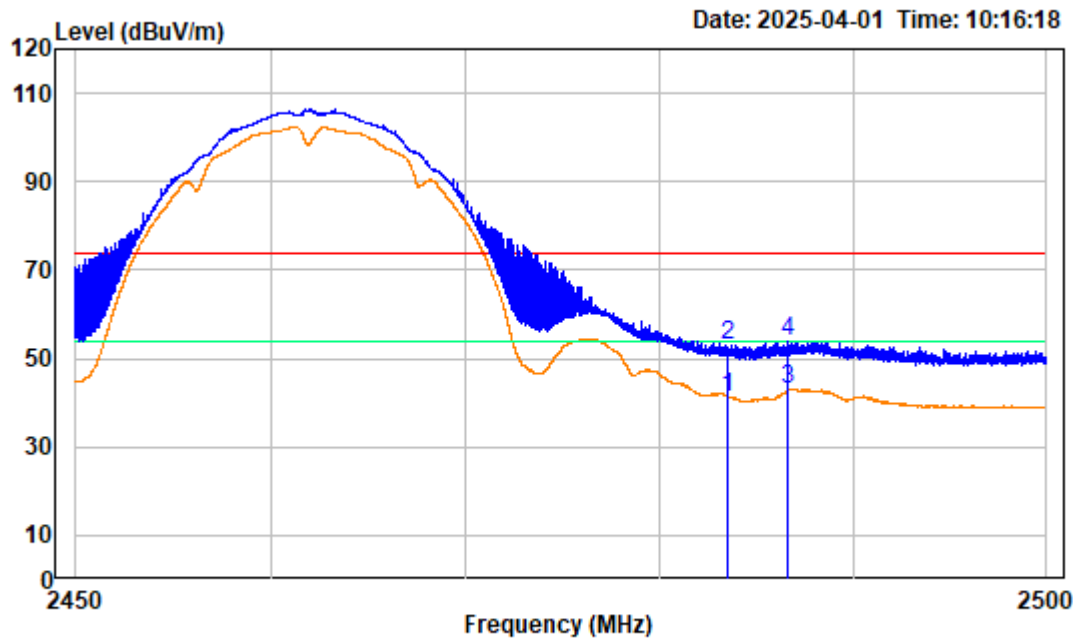
Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b Low Channel 2412MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBUV/m	dBUV/m	dB	
1	2390.000	-10.24	49.06	38.82	54.00	-15.18	average
2	2390.000	-10.24	62.06	51.82	74.00	-22.18	peak



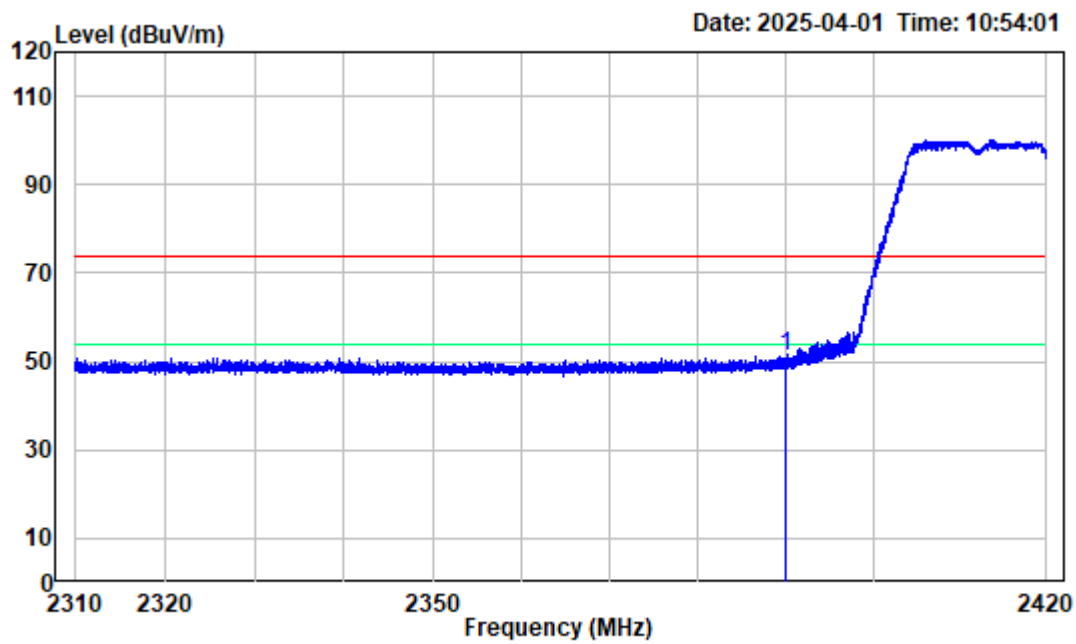
Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b High Channel 2462MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz    Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.22	50.95	40.73	54.00	-13.27	average
2	2483.500	-10.22	63.95	53.73	74.00	-20.27	peak
3	2487.719	-10.23	52.44	42.21	54.00	-11.79	Average
4	2487.719	-10.23	64.44	54.21	74.00	-19.79	Peak



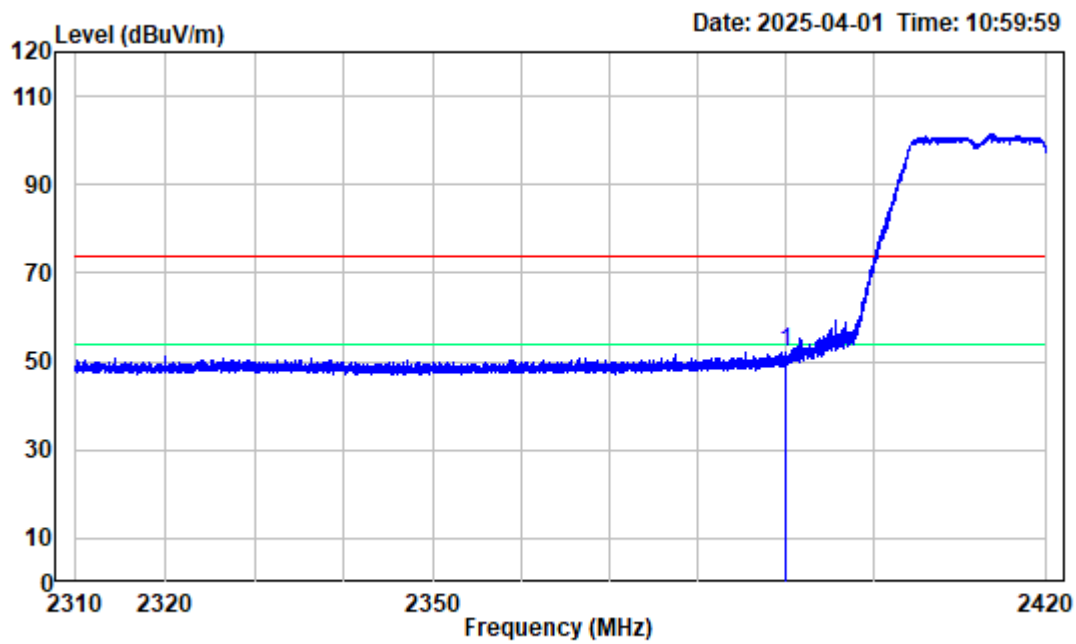
Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11b High Channel 2462MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.22	51.40	41.18	54.00	-12.82	average
2	2483.500	-10.22	63.40	53.18	74.00	-20.82	peak
3	2486.594	-10.23	53.18	42.95	54.00	-11.05	Average
4	2486.594	-10.23	64.18	53.95	74.00	-20.05	Peak



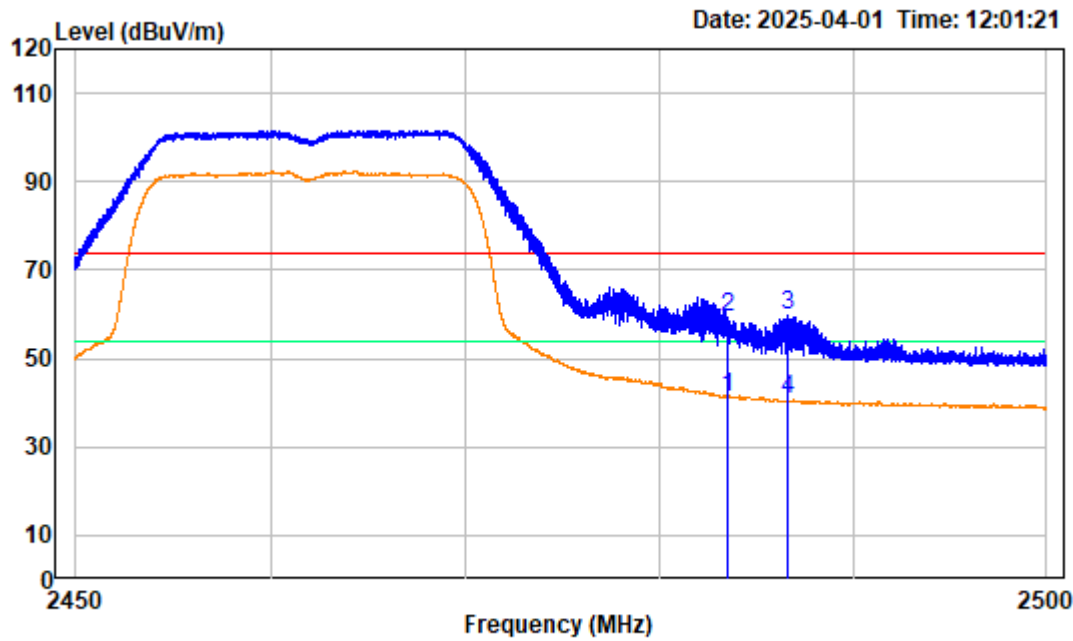
Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g Low Channel 2412MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 2390.000	-10.24	61.25	51.01	74.00	-22.99	peak



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g Low Channel 2412MHz  
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 2390.000	-10.24	62.44	52.20	74.00	-21.80	peak



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

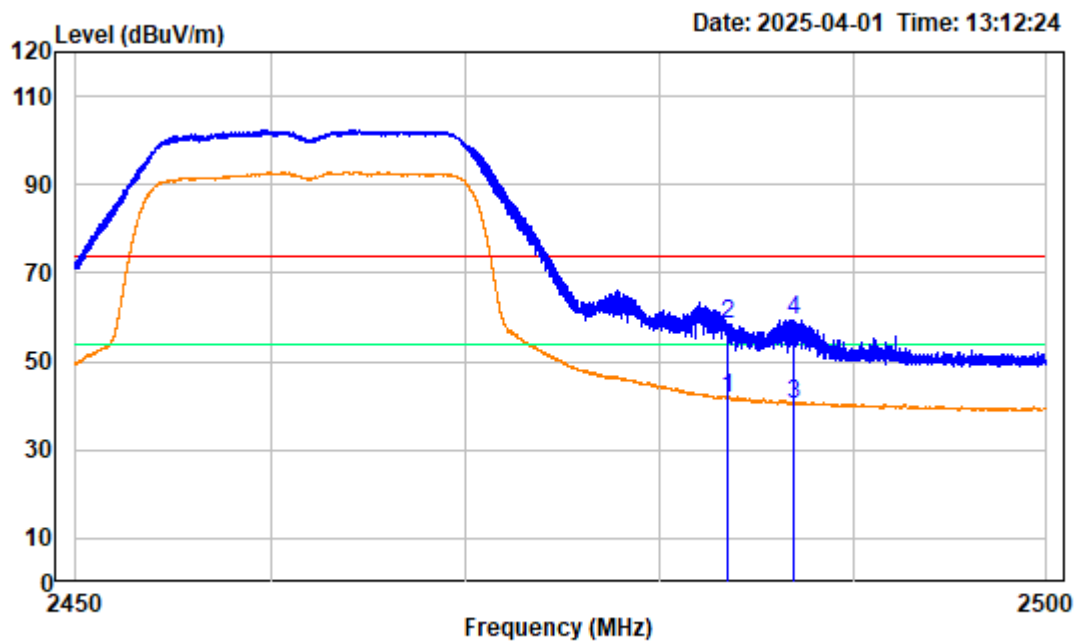
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11g High Channel 2462MHz

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

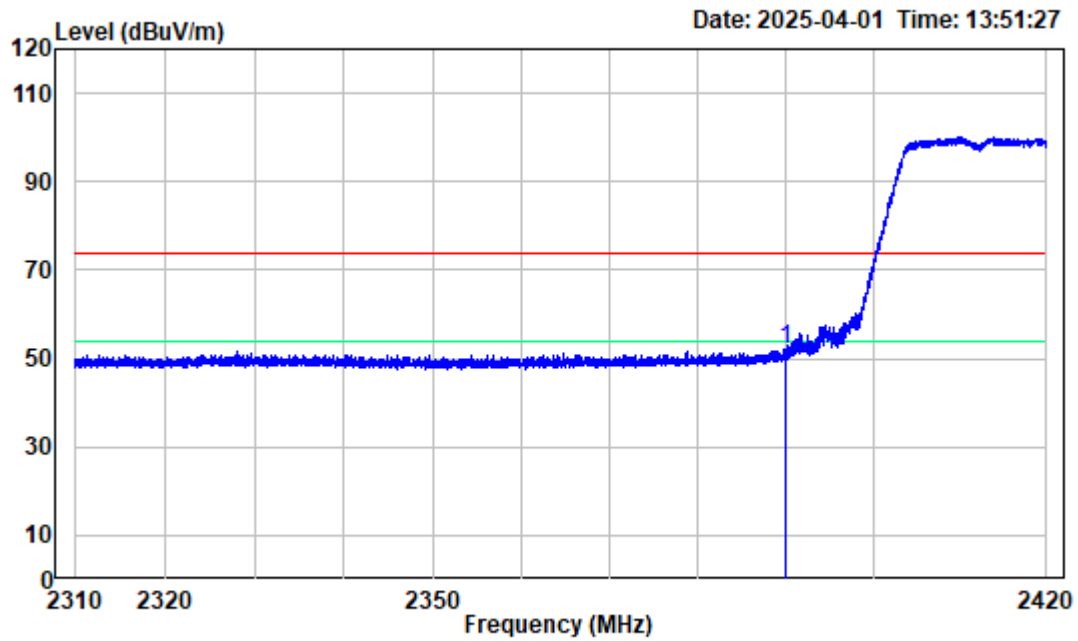
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.22	51.49	41.27	54.00	-12.73	average
2	2483.500	-10.22	69.49	59.27	74.00	-14.73	peak
3	2486.563	-10.23	69.93	59.70	74.00	-14.30	Peak
4	2486.563	-10.23	50.93	40.70	54.00	-13.30	Average



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11g High Channel 2462MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz    Ave:RBW:1MHz,VBW:3kHz

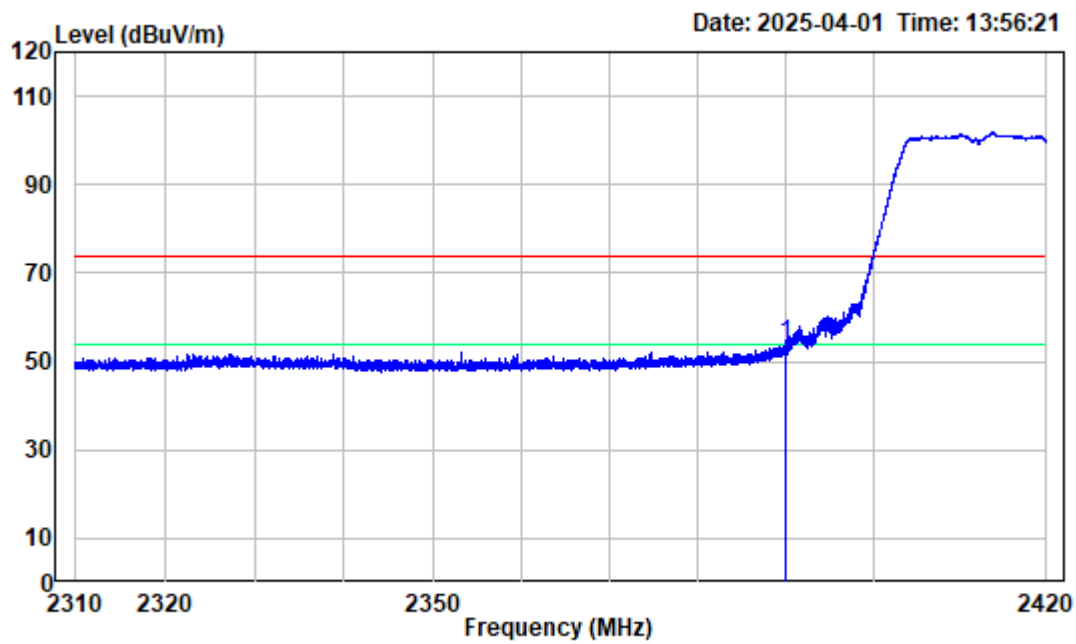
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.22	51.78	41.56	54.00	-12.44	average
2	2483.500	-10.22	68.78	58.56	74.00	-15.44	peak
3	2486.887	-10.24	50.71	40.47	54.00	-13.53	Average
4	2486.887	-10.24	69.71	59.47	74.00	-14.53	Peak





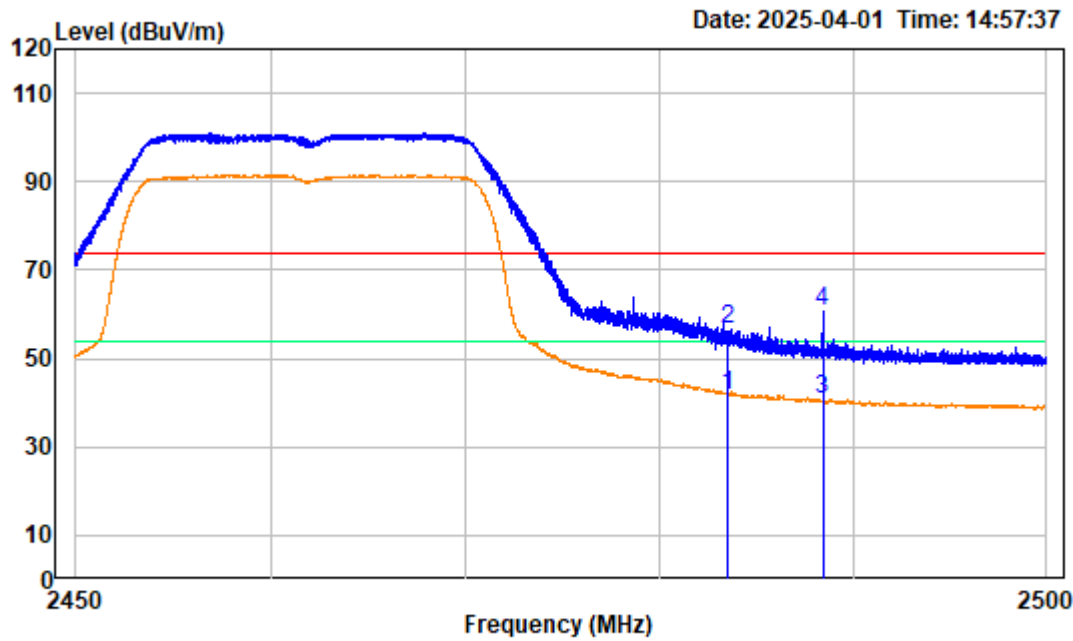
Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 Low Channel 2412MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 2390.000	-10.24	62.19	51.95	74.00	-22.05	peak



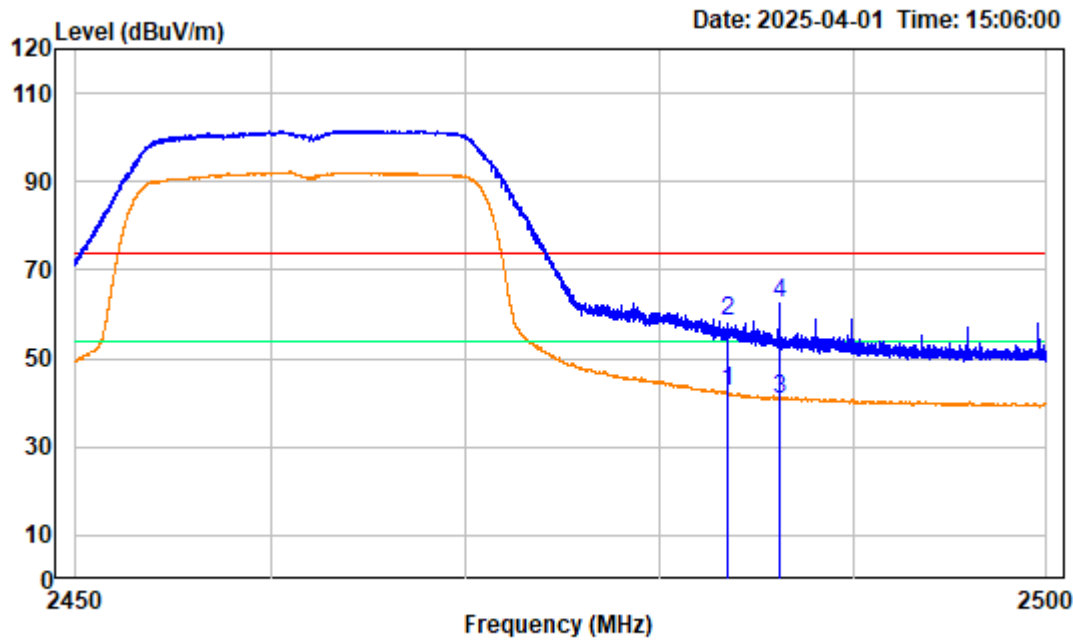
Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 Low Channel 2412MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 2390.000	-10.24	63.97	53.73	74.00	-20.27	peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n20 High Channel 2462MHz  
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	-10.22	51.92	41.70	54.00	-12.30	average
2	2483.500	-10.22	66.92	56.70	74.00	-17.30	peak
3	2488.400	-10.23	50.79	40.56	54.00	-13.44	Average
4	2488.400	-10.23	70.79	60.56	74.00	-13.44	Peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

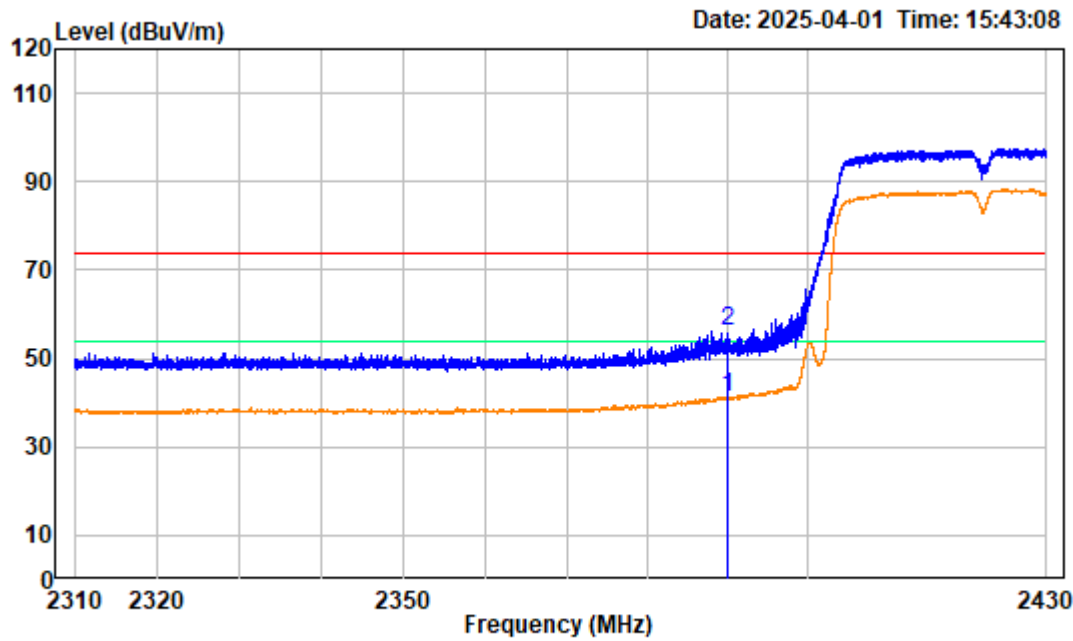
Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n20 High Channel 2462MHz

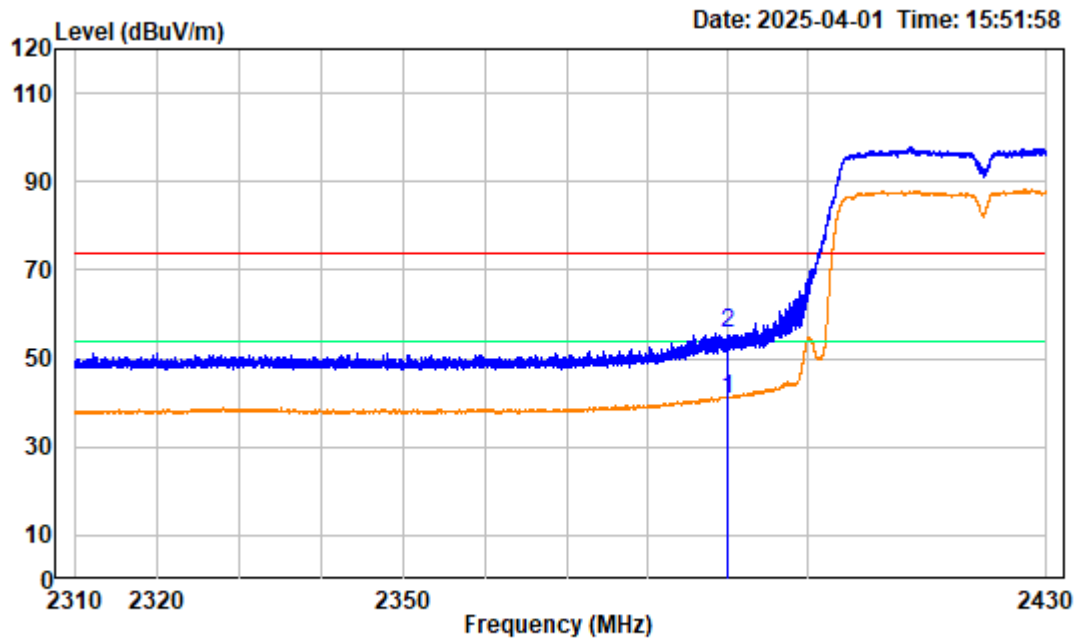
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2483.500	-10.22	52.65	42.43	54.00	-11.57	average
2	2483.500	-10.22	68.65	58.43	74.00	-15.57	peak
3	2486.181	-10.23	50.82	40.59	54.00	-13.41	Average
4	2486.181	-10.23	72.82	62.59	74.00	-11.41	Peak



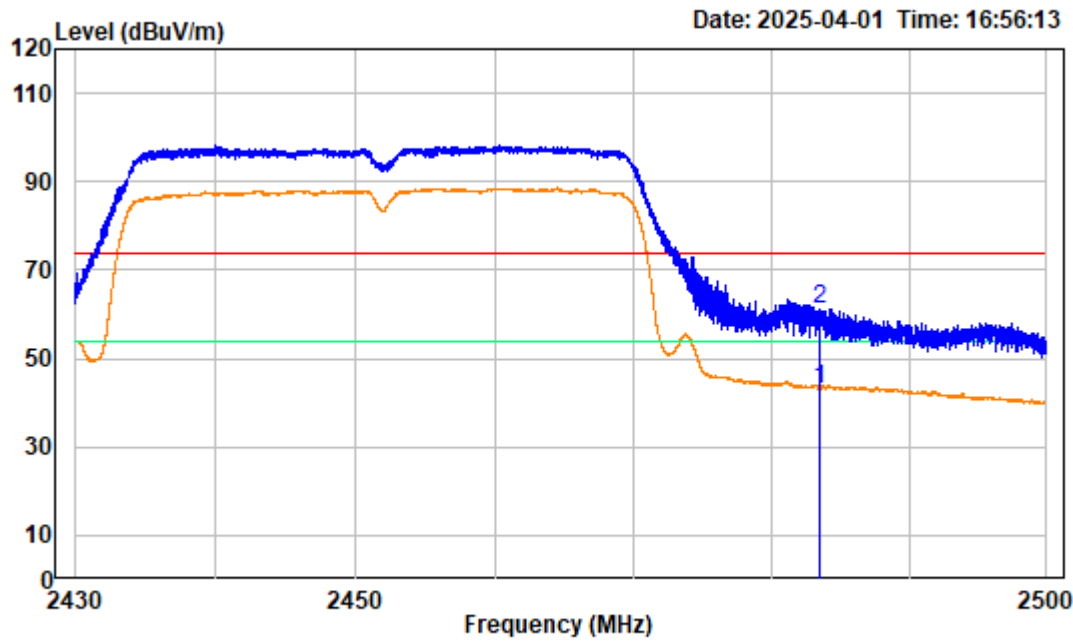
Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 Low Channel 2422MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz    Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBUV/m	dBUV/m	dB	
1	2390.000	-10.24	51.36	41.12	54.00	-12.88	average
2	2390.000	-10.24	66.36	56.12	74.00	-17.88	peak



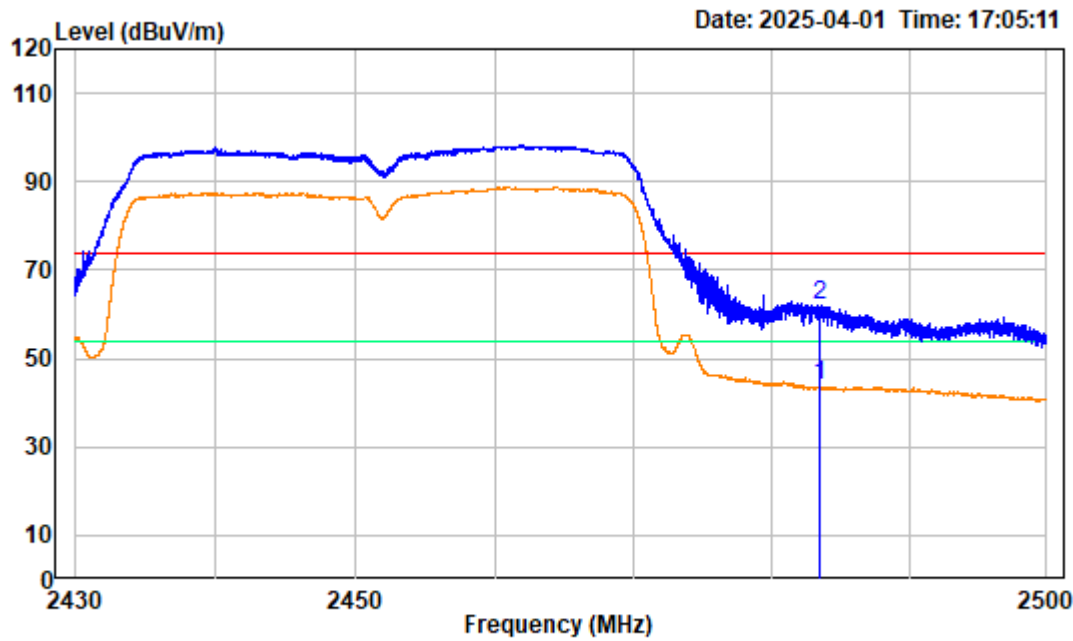
Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 Low Channel 2422MHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz    Ave:RBW:1MHz,VBW:3kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2390.000	-10.24	51.14	40.90	54.00	-13.10	average
2	2390.000	-10.24	66.14	55.90	74.00	-18.10	peak



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504R26435E-RF      Serial No.:2ZQ0-4  
Test Mode : Transmitting      Tester:Kevin Lv  
Note : 802.11n40 High Channel 2452MHz  
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	-10.22	53.44	43.22	54.00	-10.78	average
2	2483.500	-10.22	71.44	61.22	74.00	-12.78	peak



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504R26435E-RF

Serial No.:2ZQ0-4

Test Mode : Transmitting

Tester:Kevin Lv

Note : 802.11n40 High Channel 2452MHz

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	-10.22	54.11	43.89	54.00	-10.11	average
2	2483.500	-10.22	72.11	61.89	74.00	-12.11	peak



## FCC §15.247(a) (2)-6 dB EMISSION BANDWIDTH& OCCUPIED BANDWIDTH

### Applicable Standard

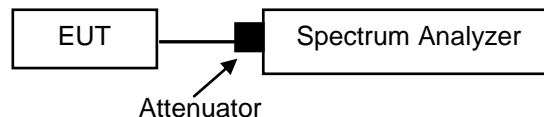
Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

### Test Procedure

According to ANSI C63.10-2020, section 11.8 and section 6.9

The steps for the first option are as follows:

- Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- Set the VBW  $\geq [3 \times \text{RBW}]$ .
- Detector = peak.
- Trace mode = max-hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.



### Test Data

Please refer to the Appendix.

## FCC §15.247(b) (3)-MAXIMUM CONDUCTED OUTPUT POWER

### Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

### Test Procedure

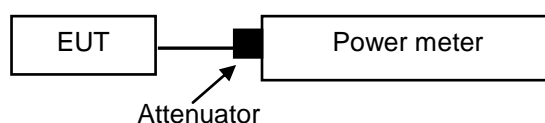
According to ANSI C63.10-2020, section 11.9.1.2

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast responding diode detector.

According to ANSI C63.10-2020, section 11.9.2.3

#### ● Measurement using a power meter (PM)(Method AVGPM)

- a) As an alternative to spectrum analyzer or EMI receiver measurements, measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent, if all of the conditions listed below are satisfied:
  - 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
  - 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
  - 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal as described in 11.6.
- c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- d) Correct the measurement in dBm by adding  $[10 \log (1 / D)]$ , where D is the duty cycle.



### Test Data

Please refer to the Appendix.

## FCC §15.247(d)-100kHz BANDWIDTH OF FREQUENCY BAND EDGE

### Applicable Standard

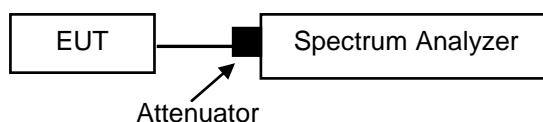
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

### Test Procedure

According to ANSI C63.10-2020, section 11.11

- Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution. NOTE—the number of points can also be increased for large spans to retain frequency resolution
- Set the RBW = 100 kHz.
- Set the VBW  $\geq [3 \times \text{RBW}]$ .
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max-hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.



### Test Data

Please refer to the Appendix.

## FCC §15.247(e)-POWER SPECTRAL DENSITY

### Applicable Standard

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

### Test Procedure

According to ANSI C63.10-2020, section 11.10.2

#### ●Method PKPSD (peak PSD)

The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span  $>1.5$  times the DTS bandwidth.
- c) Set the RBW to  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- d) Set the VBW  $\geq [3 \times \text{RBW}]$ .
- e) Detector = peak.
- f) Sweep time = No faster than coupled (auto) time.
- g) Trace mode = max-hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

According to ANSI C63.10-2020, section 11.10.3

#### ●Method AVGPSSD-1: (for duty cycle $\geq 98\%$ )

The following procedure may be used when the maximum (average) conducted output power was used to determine compliance to the fundamental output power limit. This is the baseline method for determining the maximum (average) conducted PSD level. If the instrument has a power averaging (rms) detector, then it must be used; otherwise, use the sample detector. The EUT must be configured to transmit continuously ( $D \geq 98\%$ ), or else sweep triggering/signal gating must be implemented to help ensure that measurements are made only when the EUT is transmitting at its maximum power control level (no transmitter OFF time to be considered):

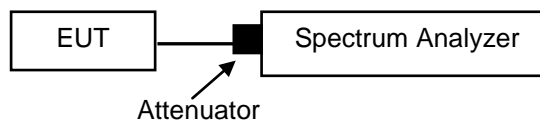
- a) Set instrument center frequency to DTS channel center frequency.
- b) Set span to  $> 1.5$  times the OBW.
- c) Set RBW to:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- d) Set VBW  $\geq [3 \times \text{RBW}]$ .
- e) Detector = power averaging (rms) or sample detector (when rms not available).
- f) Ensure that the number of measurement points in the sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
- g) Sweep time = auto couple.
- h) Employ trace averaging (rms) mode over a minimum of 100 traces.
- i) Use the peak marker function to determine the maximum amplitude level.
- j) If the measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat (note that this might require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

According to ANSI C63.10-2020, section 11.10.5

●Method AVGPSD-2: (for duty cycle < 98% and constant duty cycle)

The following procedure is applicable when the EUT cannot be configured to transmit continuously (i.e.,  $D < 98\%$ ), when sweep triggering/signal gating cannot be used to measure only when the EUT is transmitting at its maximum power control level, and when the transmission duty cycle is constant (i.e., duty cycle variations are less than  $\pm 2\%$ ):

- a) Measure the duty cycle (D) of the transmitter output signal as described in 11.6.
- b) Set instrument center frequency to DTS channel center frequency.
- c) Set span to  $> 1.5$  times the OBW.
- d) Set RBW to:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- e) Set VBW  $\geq [3 \times \text{RBW}]$ .
- f) Detector = power averaging (rms) or sample detector (when rms not available).
- g) Ensure that the number of measurement points in the sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
- h) Sweep time = auto couple.
- i) Do not use sweep triggering; allow sweep to “free run.”
- j) Employ trace averaging (rms) mode over a minimum of 100 traces.
- k) Use the peak marker function to determine the maximum amplitude level.
- l) Add  $[10 \log (1 / D)]$ , where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
- m) If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this might require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).



## Test Data

Please refer to the Appendix.

APPENDIX (RF TEST RESULTS)

6dB Emission Bandwidth

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/03/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

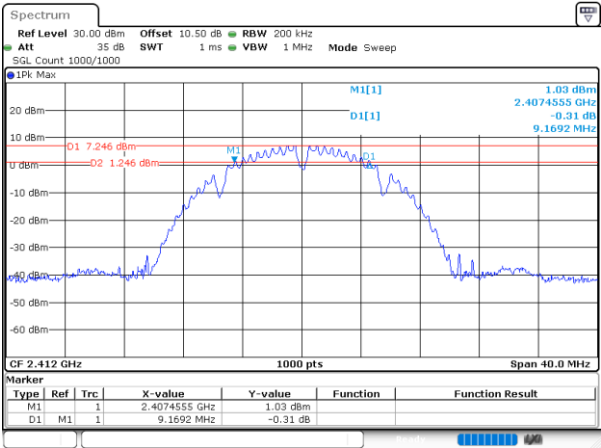
Temperature: (°C)	23.7	Relative Humidity: (%)	61	ATM Pressure: (kPa)	100.4
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Test Data:

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	2412	9.169	≥0.5	Pass
	2437	9.169	≥0.5	Pass
	2462	9.129	≥0.5	Pass
802.11g	2412	16.497	≥0.5	Pass
	2437	16.497	≥0.5	Pass
	2462	16.497	≥0.5	Pass
802.11n20	2412	17.698	≥0.5	Pass
	2437	17.698	≥0.5	Pass
	2462	17.698	≥0.5	Pass
802.11n40	2422	36.436	≥0.5	Pass
	2437	36.597	≥0.5	Pass
	2452	36.276	≥0.5	Pass

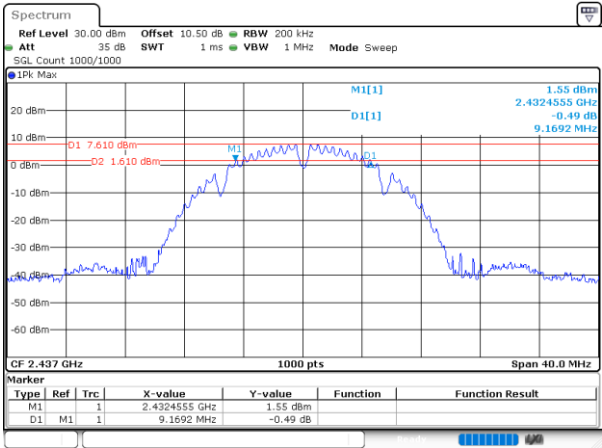
2412~2462

802.11b\_2412MHz



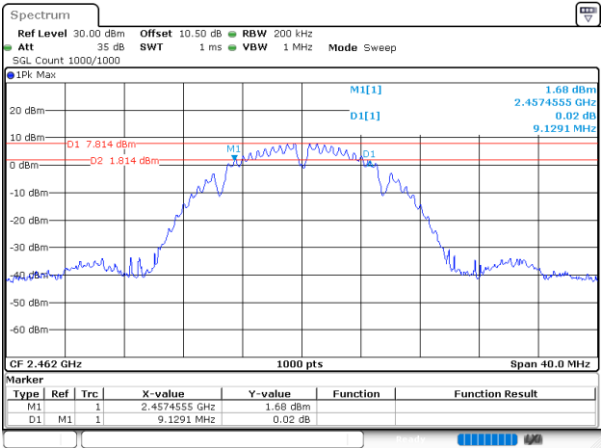
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:33:57

802.11b\_2437MHz



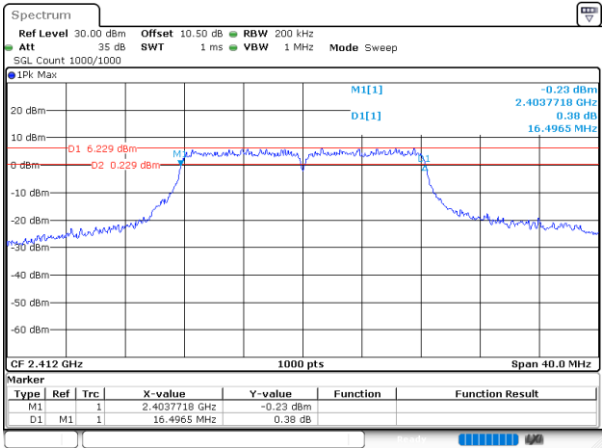
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:39:01

802.11b\_2462MHz



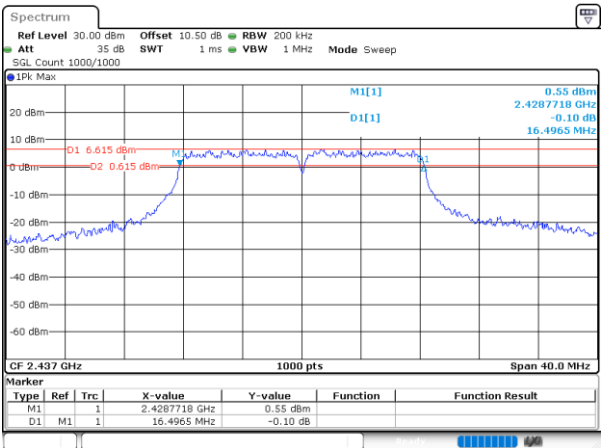
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:42:49

802.11g\_2412MHz



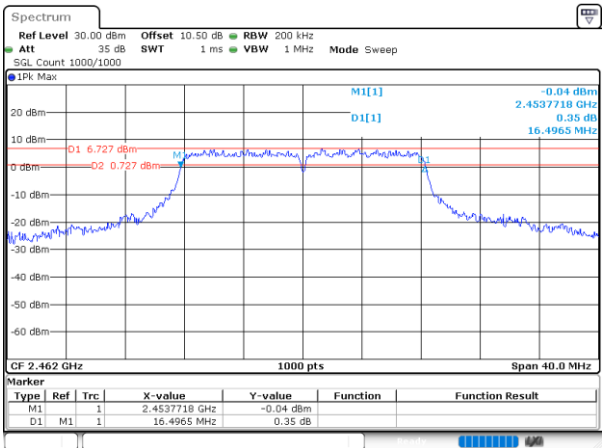
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:52:26

802.11g\_2437MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:57:05

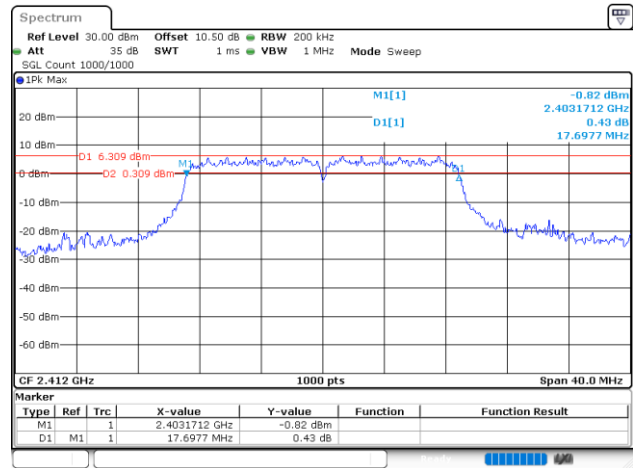
802.11g\_2462MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:00:47

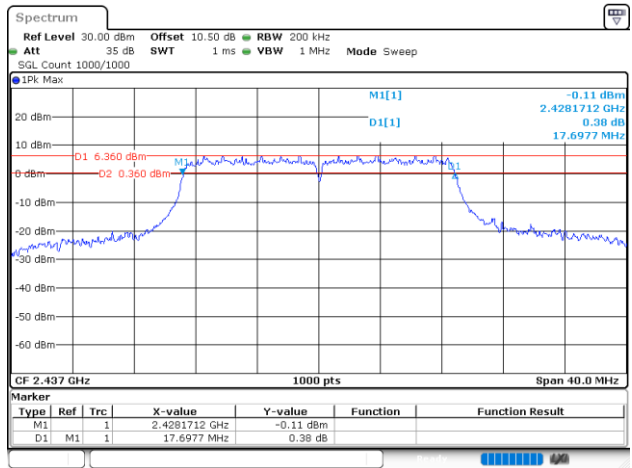


802.11n20\_2412MHz



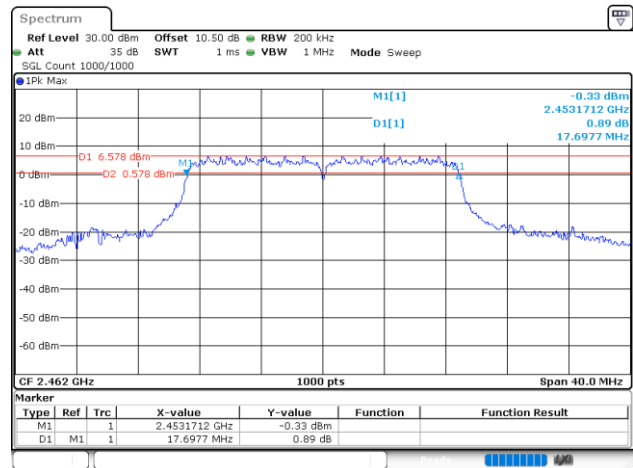
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:05:40

802.11n20\_2437MHz



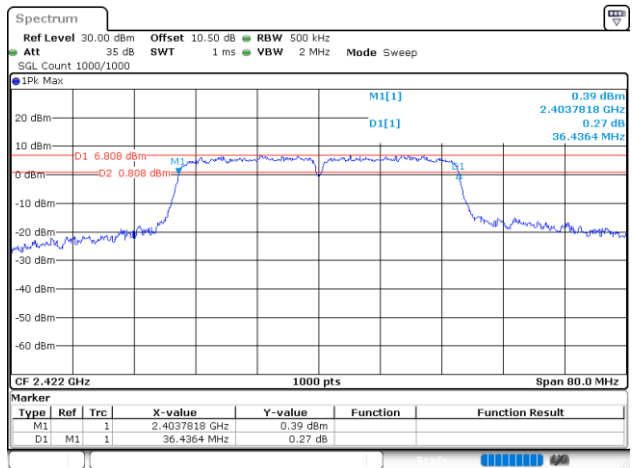
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:11:58

802.11n20\_2462MHz



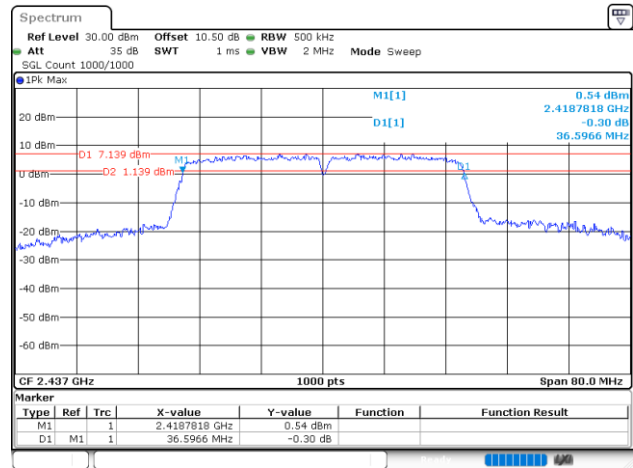
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:15:29

802.11n40\_2422MHz



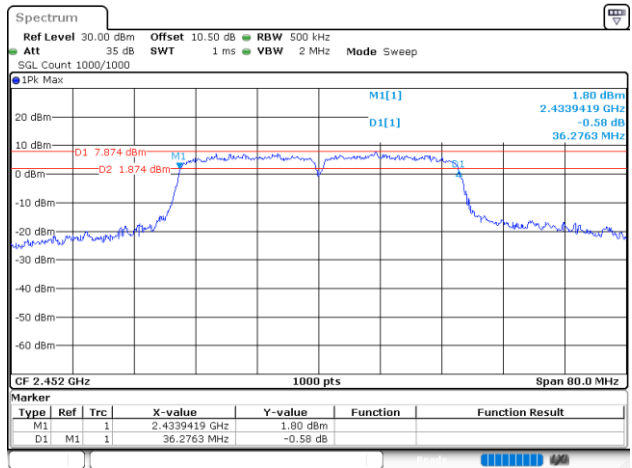
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:39:46

802.11n40\_2437MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:46:50

802.11n40\_2452MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:50:45

99% Occupied Bandwidth

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/03/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	/

Environmental Conditions:

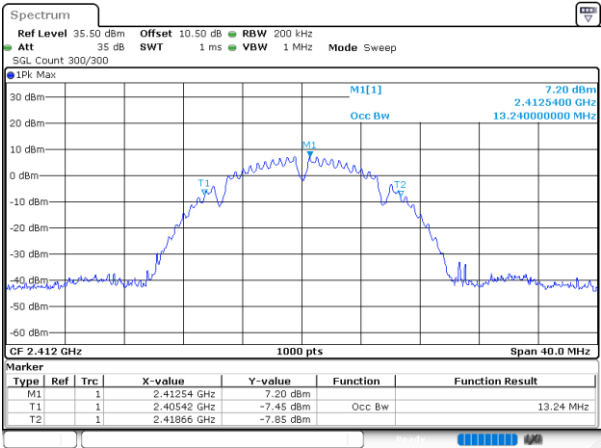
Temperature: (°C)	23.7	Relative Humidity: (%)	61	ATM Pressure: (kPa)	100.4
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Test Data:

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11b	2412	13.240
	2437	13.200
	2462	13.120
802.11g	2412	16.840
	2437	16.800
	2462	16.840
802.11n20	2412	17.920
	2437	17.840
	2462	17.840
802.11n40	2422	36.480
	2437	36.640
	2452	36.640

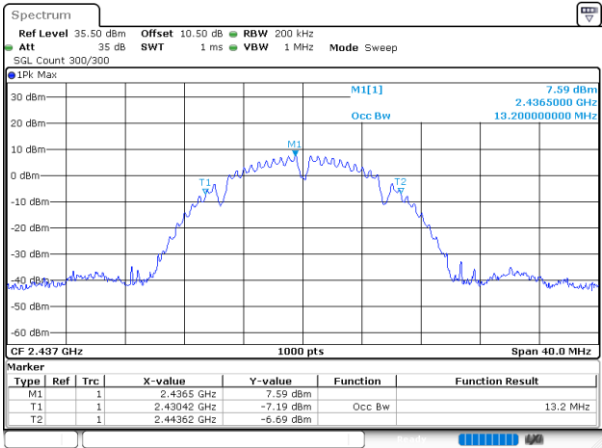
2412~2462

802.11b\_2412MHz



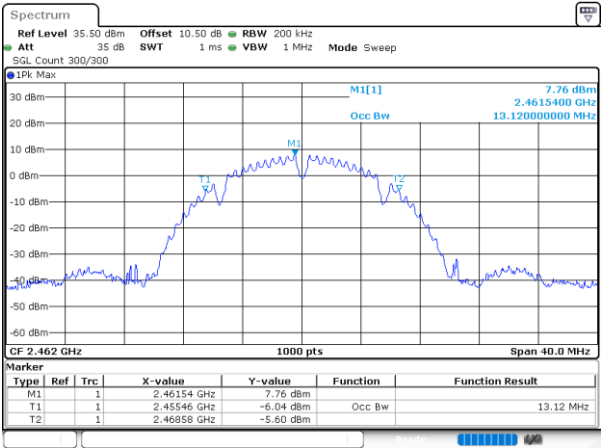
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:33:08

802.11b\_2437MHz



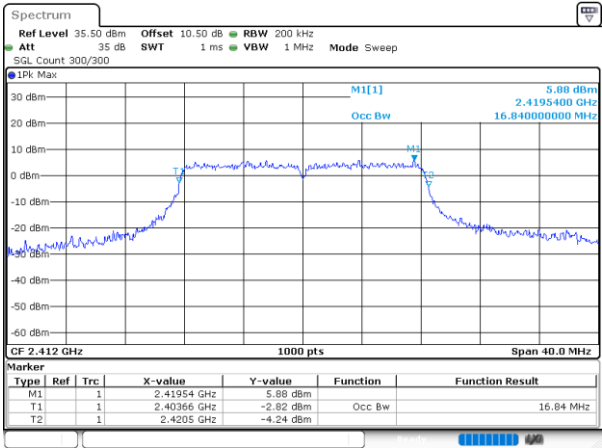
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:38:18

802.11b\_2462MHz



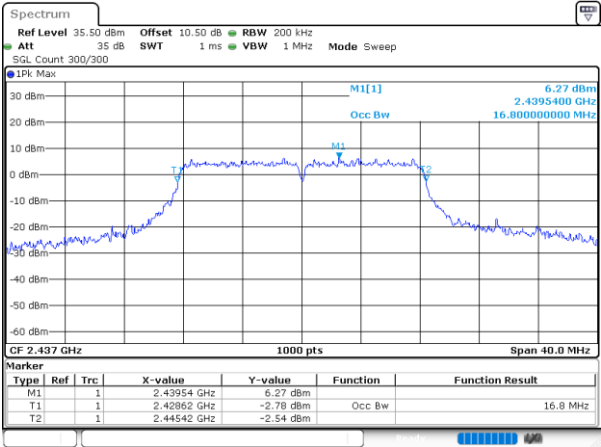
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:42:02

802.11g\_2412MHz



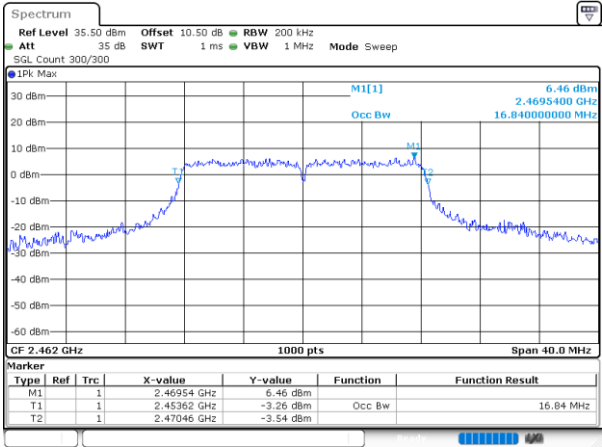
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:51:29

802.11g\_2437MHz



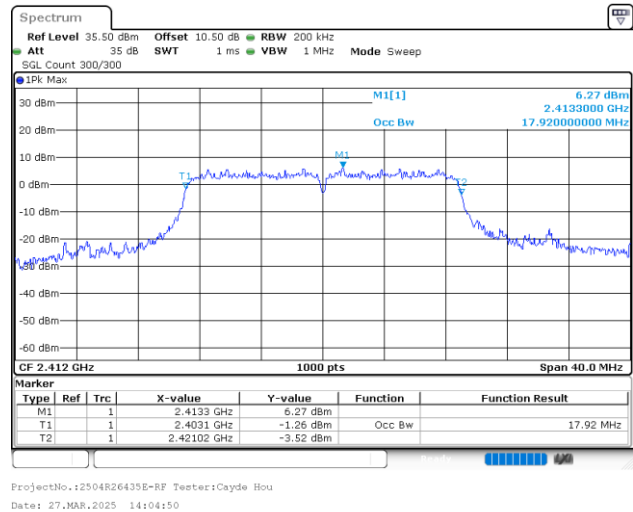
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:56:11

802.11g\_2462MHz

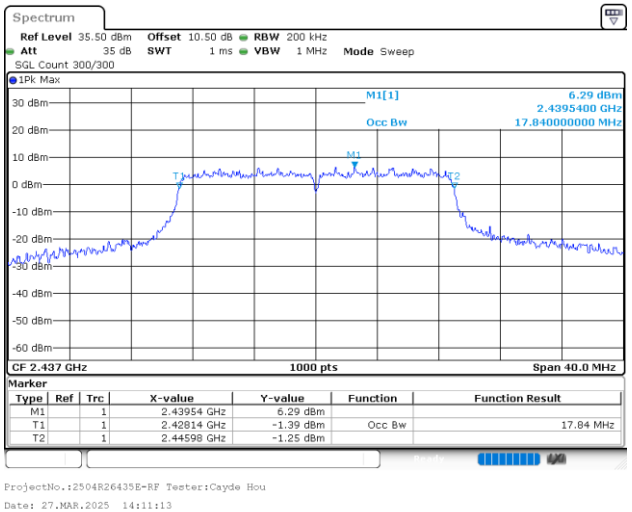


ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:00:00

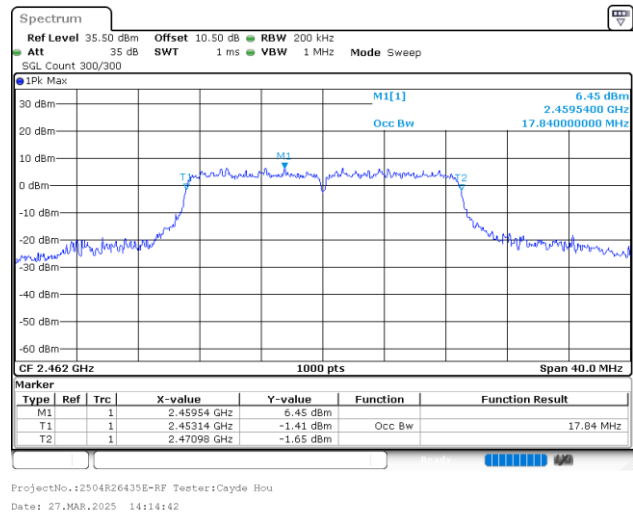
802.11n20\_2412MHz



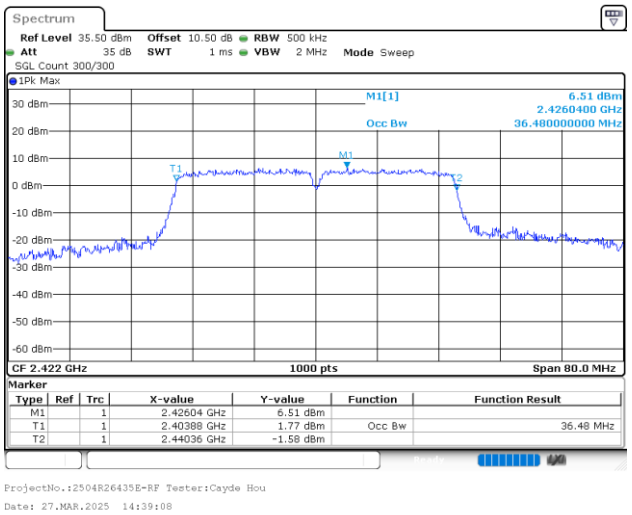
802.11n20\_2437MHz



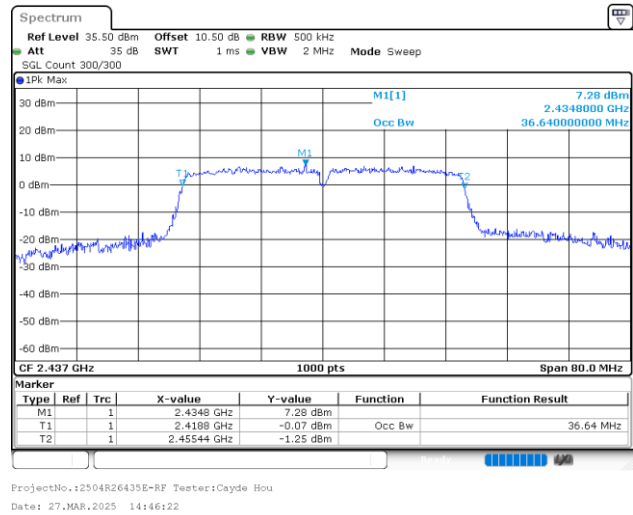
802.11n20\_2462MHz



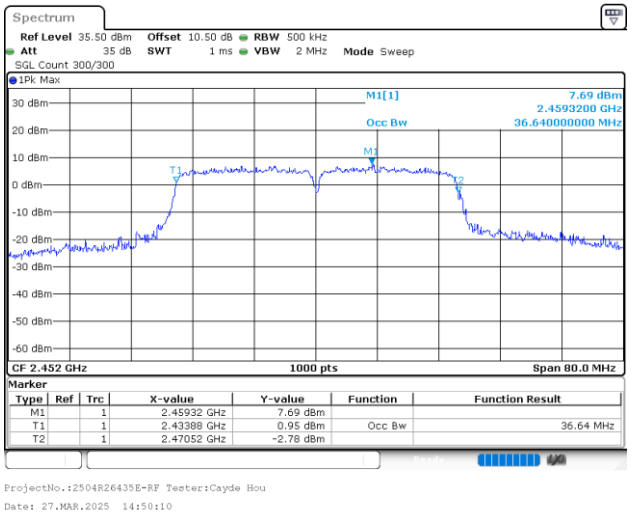
802.11n40\_2422MHz



802.11n40\_2437MHz



802.11n40\_2452MHz



Maximum Conducted Output Power

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/04/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.9	Relative Humidity: (%)	59	ATM Pressure: (kPa)	101.3
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Test Data:

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	2412	18.08	15.02	30	Pass
	2437	18.14	15.08	30	Pass
	2462	18.19	15.11	30	Pass
802.11g	2412	23.40	15.90	30	Pass
	2437	23.47	16.15	30	Pass
	2462	23.60	16.20	30	Pass
802.11n20	2412	23.33	15.69	30	Pass
	2437	23.42	15.99	30	Pass
	2462	23.45	16.13	30	Pass
802.11n40	2422	23.45	15.48	30	Pass
	2437	23.48	15.71	30	Pass
	2452	23.50	15.85	30	Pass

Power Spectral Density

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/03/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.7	Relative Humidity: (%)	61	ATM Pressure: (kPa)	100.4
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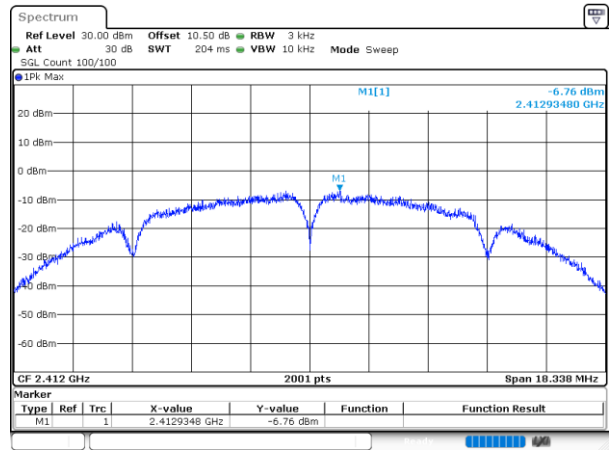


Test Data:

Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-6.76	8	Pass
	2437	-5.47	8	Pass
	2462	-6.01	8	Pass
802.11g	2412	-7.57	8	Pass
	2437	-8.45	8	Pass
	2462	-8.23	8	Pass
802.11n20	2412	-9.08	8	Pass
	2437	-9.07	8	Pass
	2462	-8.62	8	Pass
802.11n40	2422	-11.22	8	Pass
	2437	-11.77	8	Pass
	2452	-11.40	8	Pass

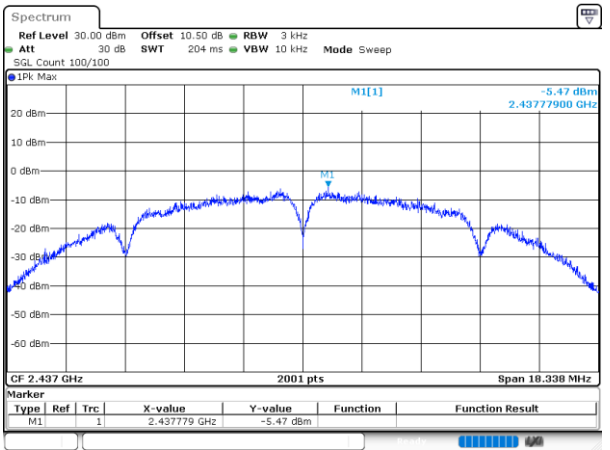
2412~2462

802.11b\_2412MHz



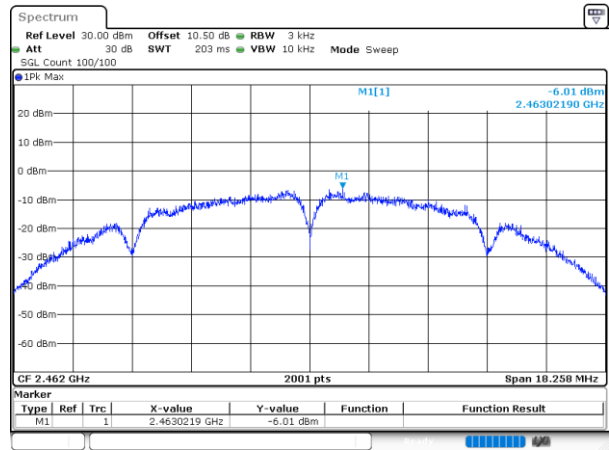
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:36:10

802.11b\_2437MHz



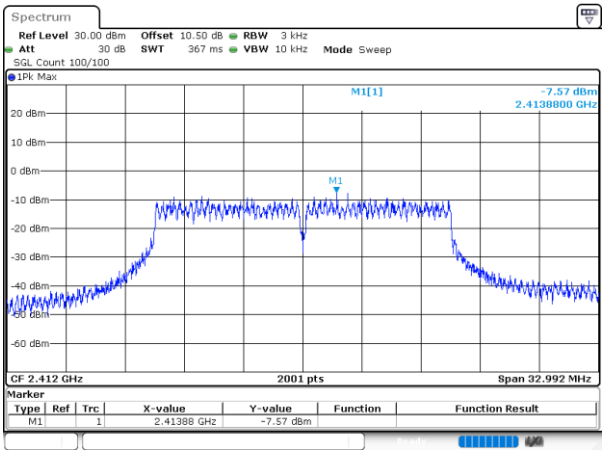
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:40:10

802.11b\_2462MHz



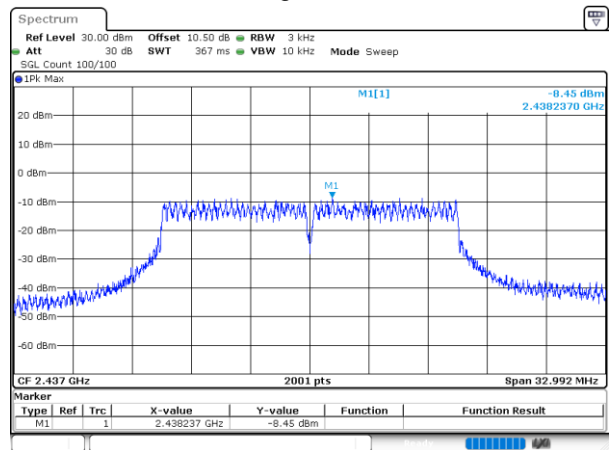
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:44:21

802.11g\_2412MHz



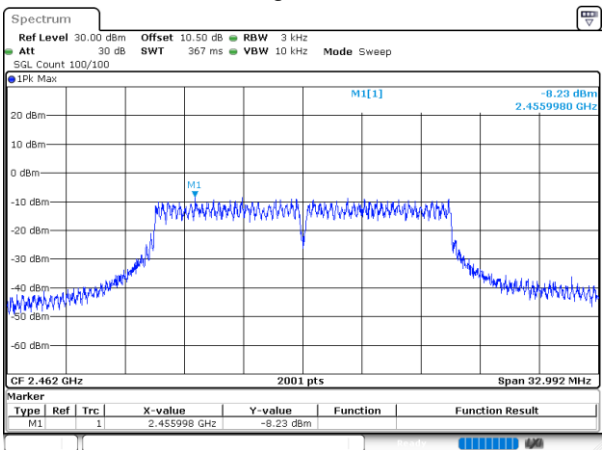
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:54:39

802.11g\_2437MHz



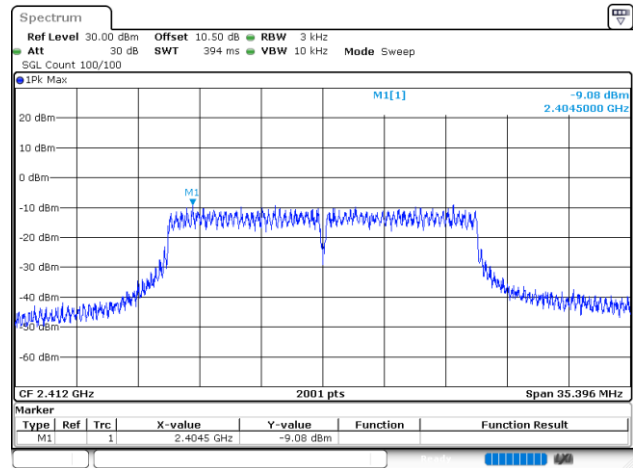
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:58:33

802.11g\_2462MHz



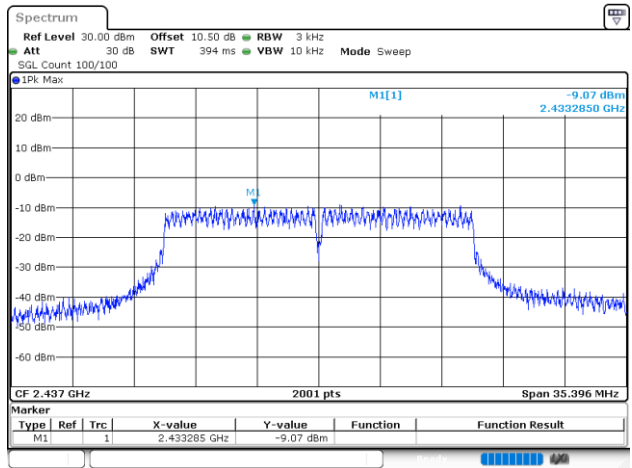
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:02:37

802.11n20\_2412MHz



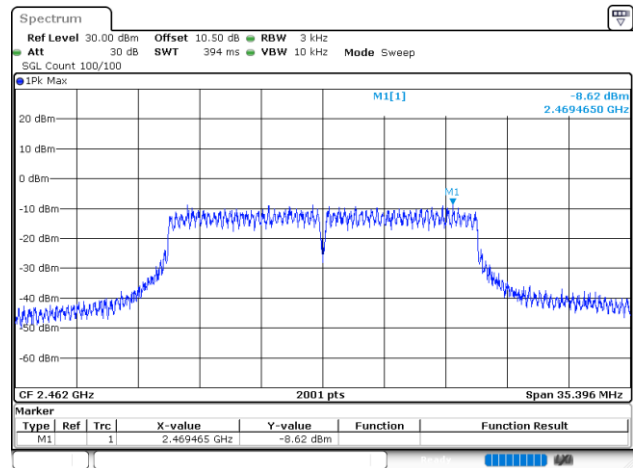
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:07:40

802.11n20\_2437MHz



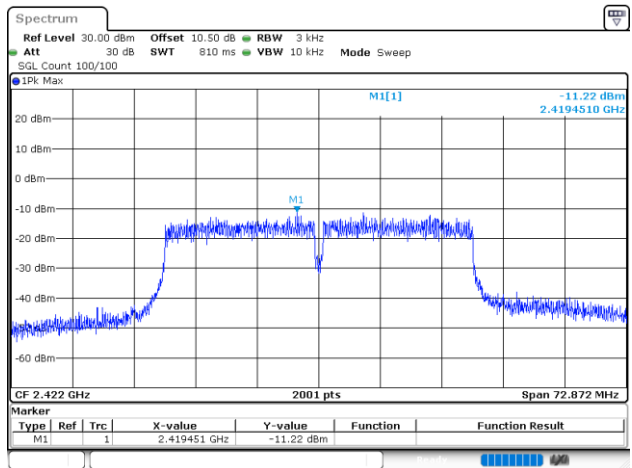
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:13:26

802.11n20\_2462MHz



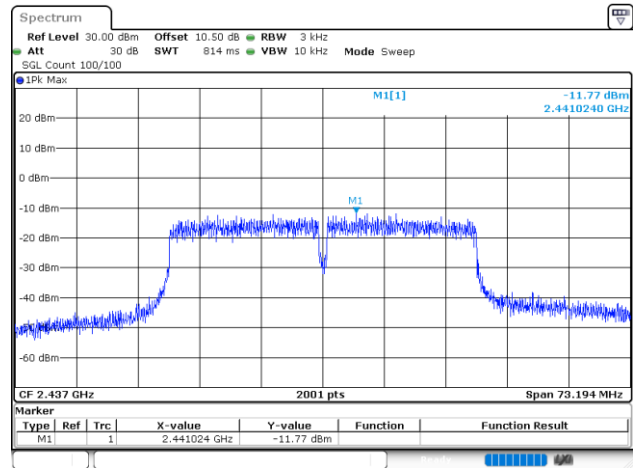
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:17:23

802.11n40\_2422MHz



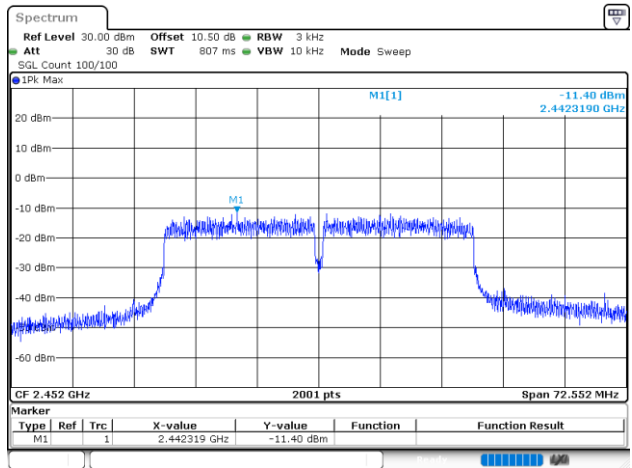
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:42:45

802.11n40\_2437MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:49:06

802.11n40\_2452MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:53:35

100 kHz Bandwidth of Frequency Band Edge

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/03/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

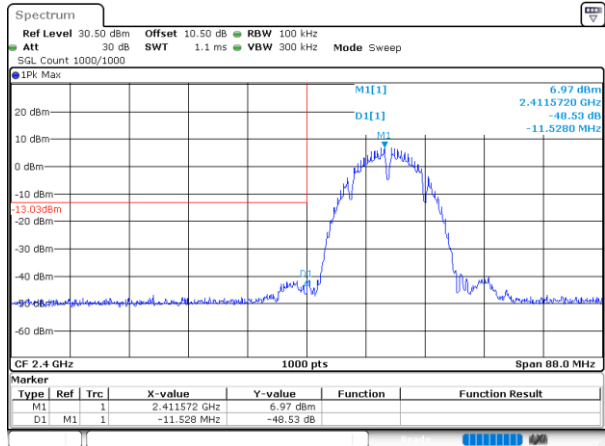
Temperature: (°C)	23.7	Relative Humidity: (%)	61	ATM Pressure: (kPa)	100.4
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Test Data:

Mode	Test Frequency (MHz)	Result (dB)	Limit (dB)	Verdict
802.11b	2412	48.53	20	Pass
	2462	54.14	20	Pass
802.11g	2412	29.06	20	Pass
	2462	34.37	20	Pass
802.11n20	2412	28.91	20	Pass
	2462	32.83	20	Pass
802.11n40	2422	27.64	20	Pass
	2452	27.50	20	Pass

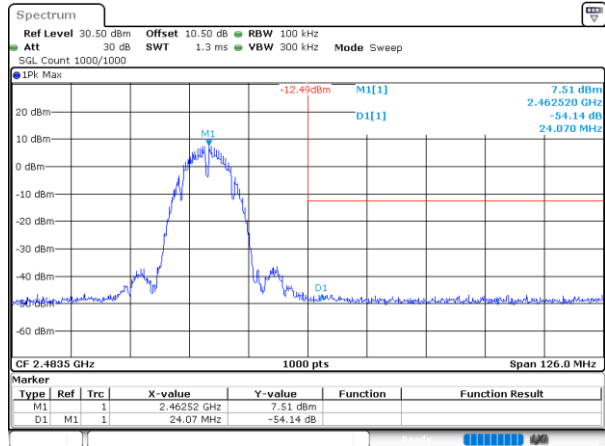
2412~2462

802.11b\_2412MHz



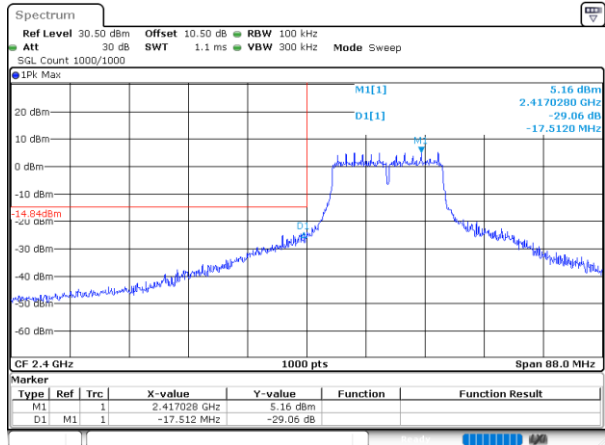
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:35:33

802.11b\_2462MHz



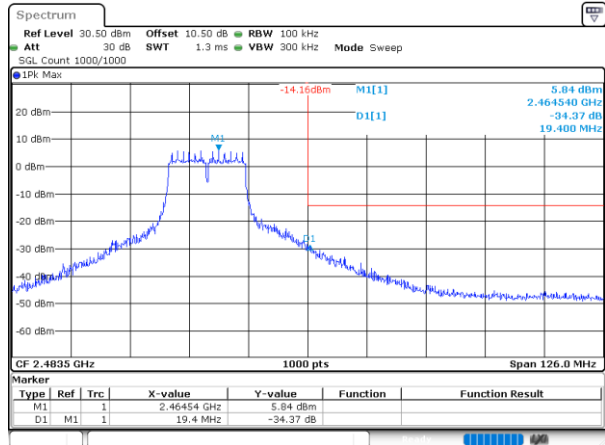
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:43:42

802.11g\_2412MHz



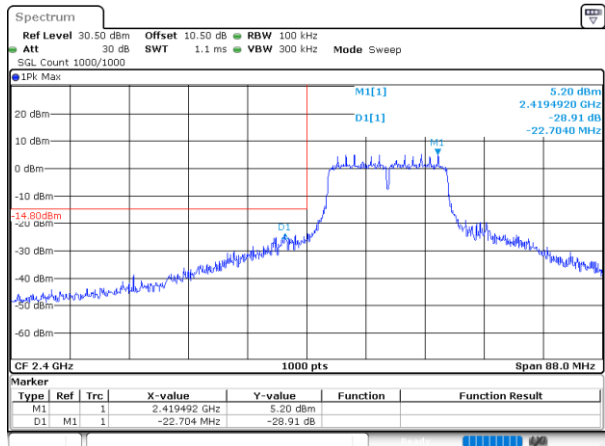
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:53:33

802.11g\_2462MHz



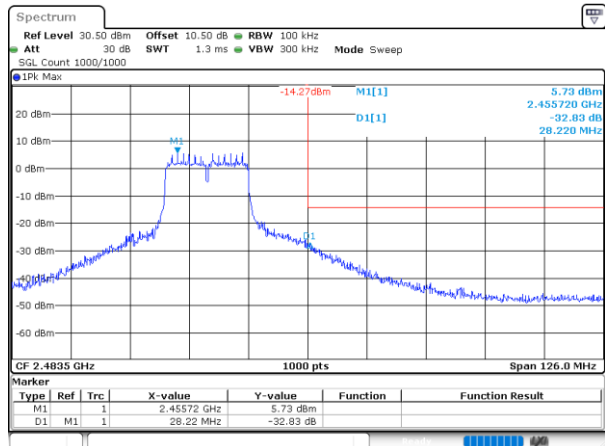
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:01:40

802.11n20\_2412MHz



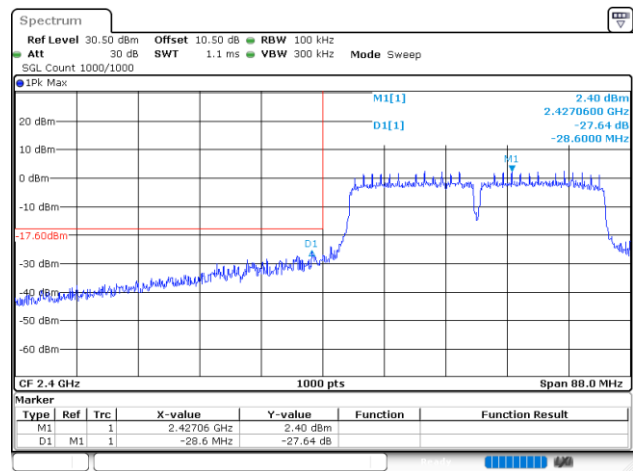
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:06:40

802.11n20\_2462MHz



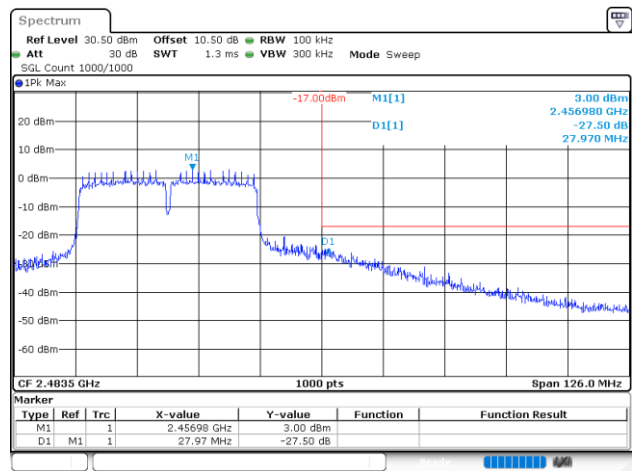
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:16:23

802.11n40\_2422MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:40:53

802.11n40\_2452MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:51:47

Duty Cycle

Test Information:

Sample No.:	2ZPZ-2	Test Date:	2025/03/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.7	Relative Humidity: (%)	61	ATM Pressure: (kPa)	100.4
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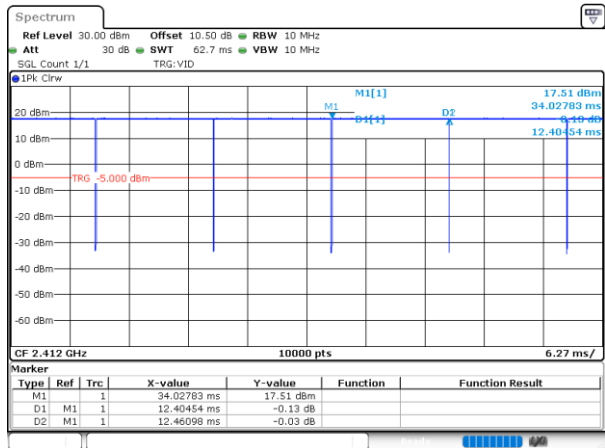
Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2412	12.405	12.461	99.55	/	/	0.010
	2437	12.399	12.474	99.40	/	/	0.010
	2462	12.405	12.543	98.90	/	/	0.010
802.11g	2412	2.053	2.135	96.16	0.17	487	0.500
	2437	2.055	2.210	92.99	0.32	487	0.500
	2462	2.053	2.172	94.52	0.24	487	0.500
802.11n20	2412	1.903	1.967	96.75	0.14	525	1
	2437	1.912	2.039	93.77	0.28	523	1
	2462	1.909	2.037	93.72	0.28	524	1
802.11n40	2422	0.932	1.013	92.00	0.36	1073	2
	2437	0.940	1.040	90.38	0.44	1064	2
	2452	0.929	1.063	87.39	0.59	1076	2

Duty Cycle = Ton/(Ton+Toff)\*100%

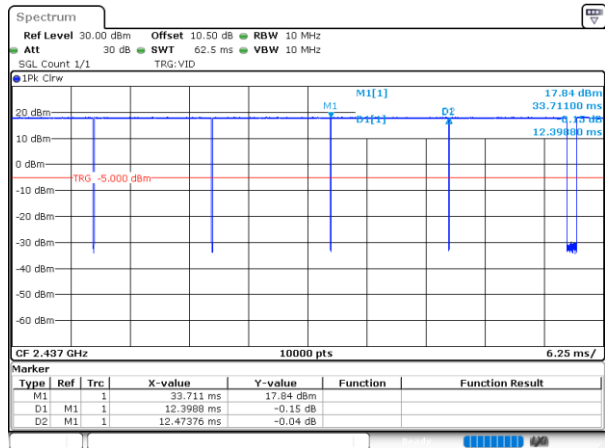
2412~2462

802.11b\_2412MHz



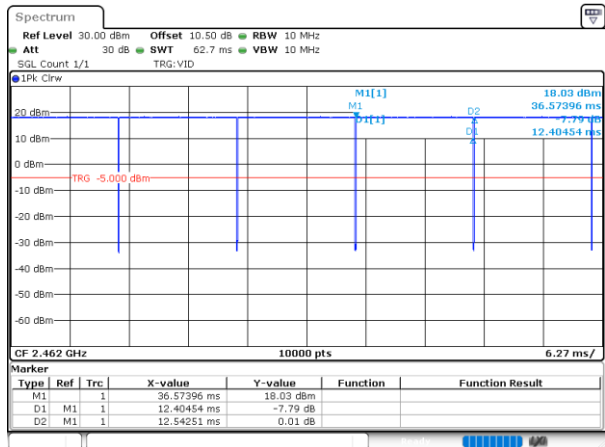
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:32:37

802.11b\_2437MHz



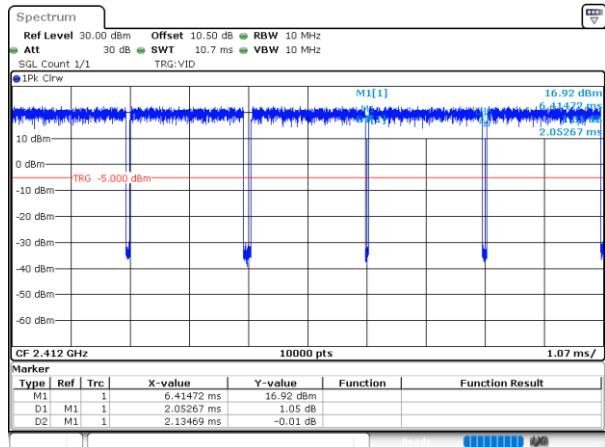
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:37:57

802.11b\_2462MHz



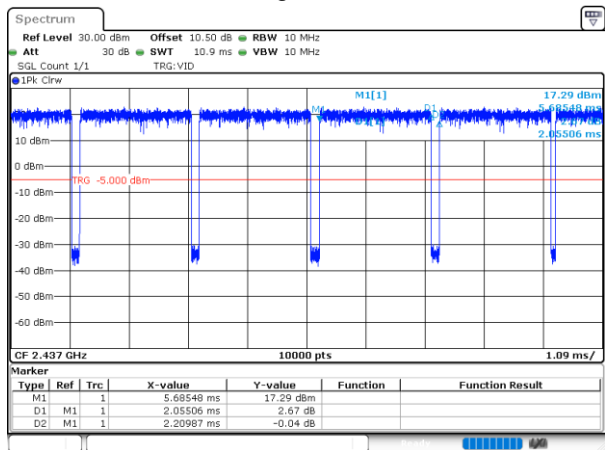
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:41:41

802.11g\_2412MHz



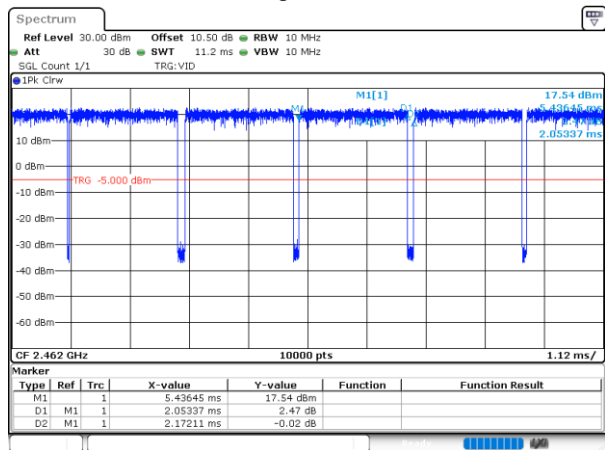
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:51:00

802.11g\_2437MHz



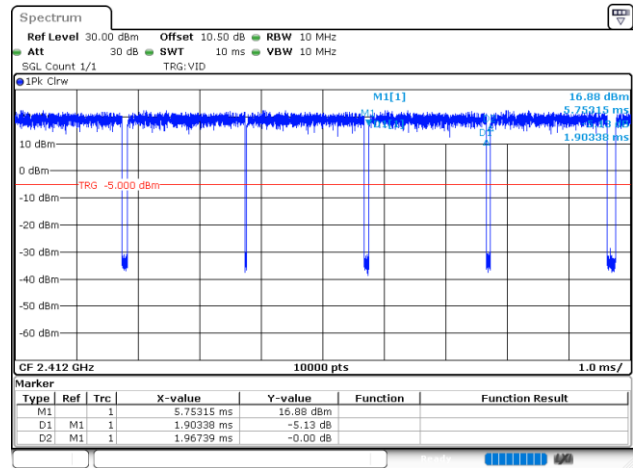
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:55:43

802.11g\_2462MHz



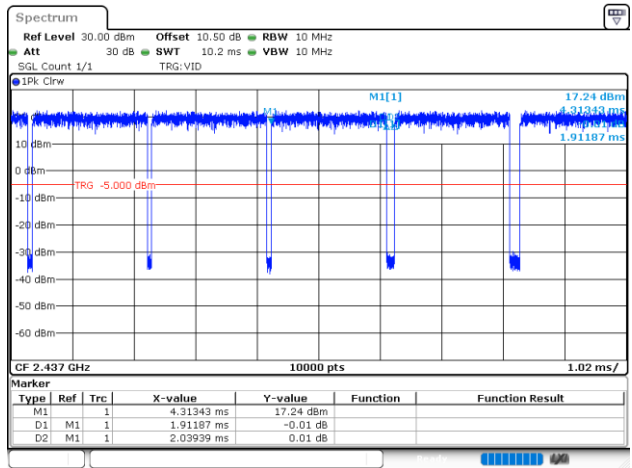
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 13:59:39

802.11n20\_2412MHz



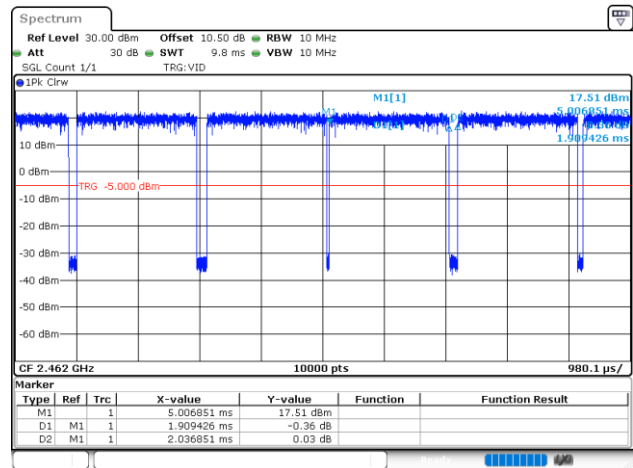
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:04:25

802.11n20\_2437MHz



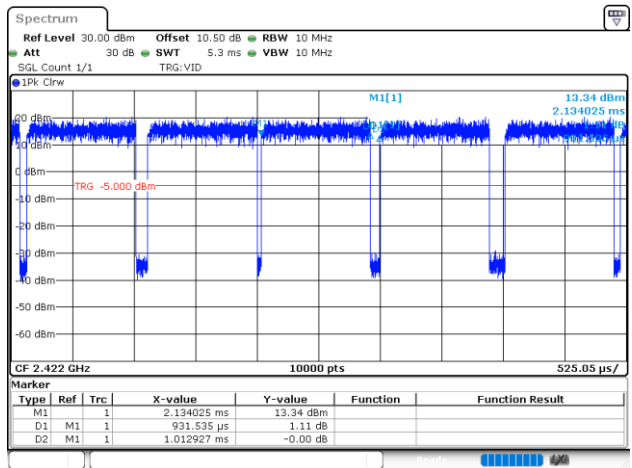
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:10:50

802.11n20\_2462MHz



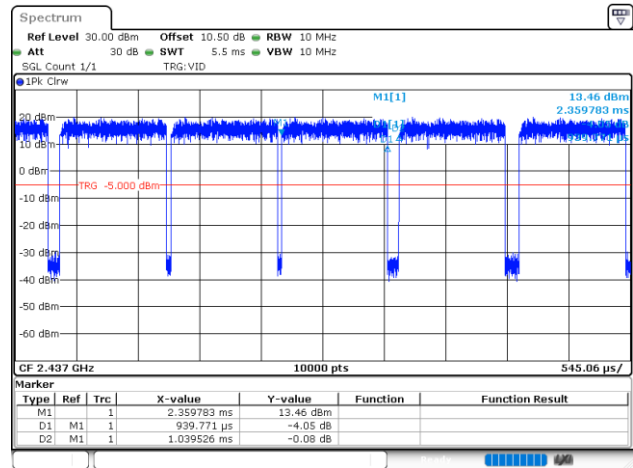
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:14:22

802.11n40\_2422MHz



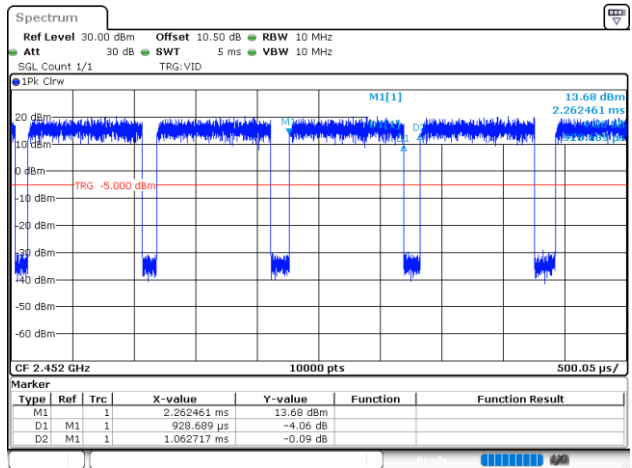
ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:38:44

802.11n40\_2437MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:46:03

802.11n40\_2452MHz



ProjectNo.:2504R26435E-RF Tester:Cayde Hou  
Date: 27.MAR.2025 14:49:51

## EXHIBIT A - EUT PHOTOGRAPHS

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Please refer to the Attachment:2504R26435E-RFEUT EXTERNAL PHOTOGRAPHS and 2504R26435E-RF EUT INTERNAL PHOTOGRAPHS.

## **EXHIBIT B - TEST SETUP PHOTOGRAPHS**

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Please refer to the Attachment:2504R26435E-RF-00BTEST SETUP PHOTOGRAPHS.

**\*\*\*\*\* END OF REPORT \*\*\*\*\***