

APPENDIX C(FCC&IC-2.4G WIFI TEST RESULT)

AC Line Conducted Emissions

Test Data

Environmental Conditions

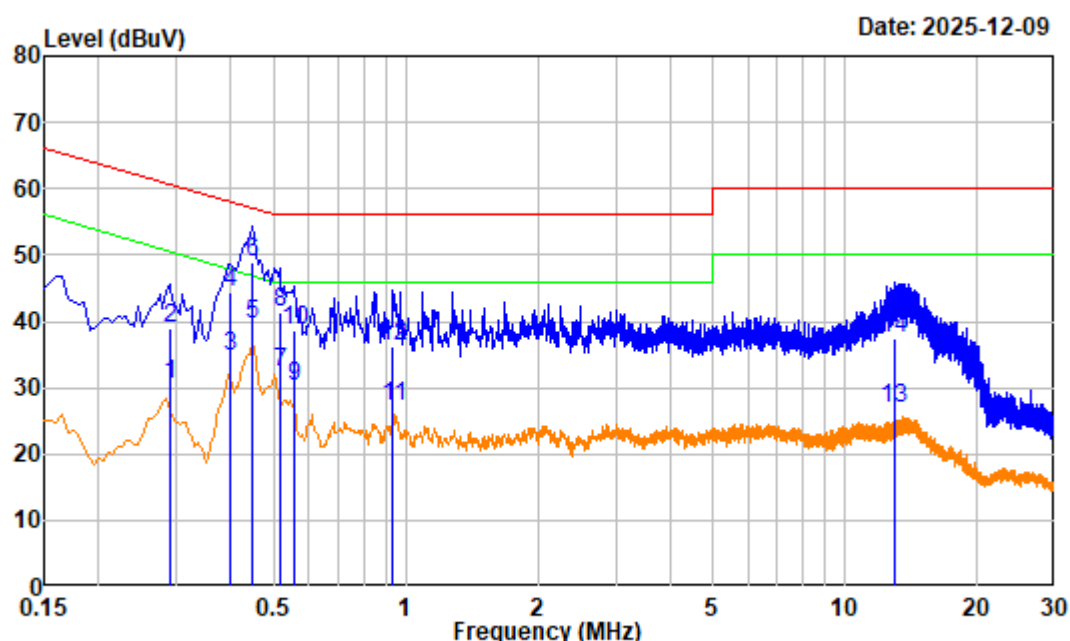
|                     |                        |
|---------------------|------------------------|
| Temperature:        | 21.6 °C                |
| Relative Humidity:  | 37 %                   |
| ATM Pressure:       | 100.9 kPa              |
| Test Engineer:      | Jason Fan              |
| Test Date:          | 2025-12-09             |
| EUT Operation Mode: | 2.4G WIFI Transmitting |

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

Note: The maximum power mode and channel: 2.4G WiFi 802.11n40 High Channel 2452MHz was tested.

## For Test Mode 1

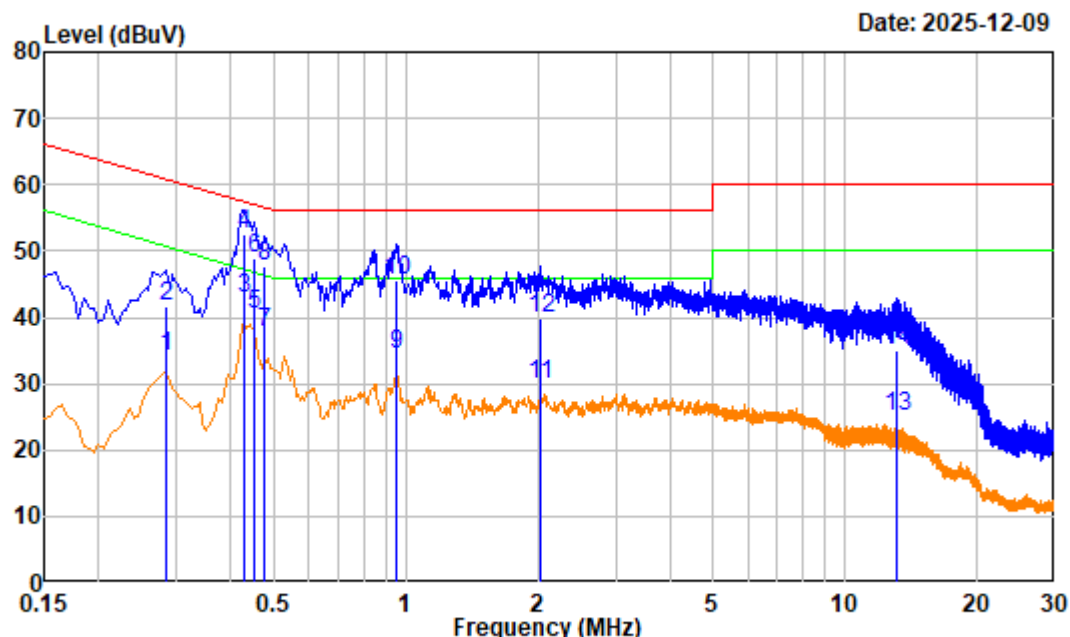
AC 120V/60Hz, Line:



Site : Shielding Room  
 Condition : Line  
 Job No. : 2504Y26988E-RF  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 1  
 Tester : Jason Fan  
 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  | 0.290  | 19.94  | 10.49      | 30.43 | 50.52      | -20.09     | Average |
| 2  | 0.290  | 19.94  | 18.99      | 38.93 | 60.52      | -21.59     | QP      |
| 3  | 0.400  | 20.03  | 14.58      | 34.61 | 47.85      | -13.24     | Average |
| 4  | 0.400  | 20.03  | 24.35      | 44.38 | 57.85      | -13.47     | QP      |
| 5  | 0.445  | 20.01  | 19.69      | 39.70 | 46.97      | -7.27      | Average |
| 6  | 0.445  | 20.01  | 28.99      | 49.00 | 56.97      | -7.97      | QP      |
| 7  | 0.515  | 20.01  | 12.18      | 32.19 | 46.00      | -13.81     | Average |
| 8  | 0.515  | 20.01  | 21.28      | 41.29 | 56.00      | -14.71     | QP      |
| 9  | 0.555  | 20.08  | 10.15      | 30.23 | 46.00      | -15.77     | Average |
| 10 | 0.555  | 20.08  | 18.45      | 38.53 | 56.00      | -17.47     | QP      |
| 11 | 0.935  | 20.30  | 6.85       | 27.15 | 46.00      | -18.85     | Average |
| 12 | 0.935  | 20.30  | 16.02      | 36.32 | 56.00      | -19.68     | QP      |
| 13 | 12.895 | 23.21  | 3.61       | 26.82 | 50.00      | -23.18     | Average |
| 14 | 12.895 | 23.21  | 14.19      | 37.40 | 60.00      | -22.60     | QP      |

## AC 120V/60Hz, Neutral:



Site : Shielding Room  
 Condition : neutral  
 Job No. : 2504Y26988E-RF  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 1  
 Tester : Jason Fan  
 Receiver Setting: IF B/W 9kHz PK/AV

|    | Freq   | Factor | Read<br>Level | Level | Limit<br>Line | Over<br>Limit | Remark  |
|----|--------|--------|---------------|-------|---------------|---------------|---------|
|    | MHz    | dB     | dBuV          | dBuV  | dBuV          | dB            |         |
| 1  | 0.285  | 19.98  | 14.24         | 34.22 | 50.67         | -16.45        | Average |
| 2  | 0.285  | 19.98  | 21.83         | 41.81 | 60.67         | -18.86        | QP      |
| 3  | 0.430  | 20.00  | 22.81         | 42.81 | 47.25         | -4.44         | Average |
| 4  | 0.430  | 20.00  | 32.54         | 52.54 | 57.25         | -4.71         | QP      |
| 5  | 0.450  | 20.01  | 20.38         | 40.39 | 46.88         | -6.49         | Average |
| 6  | 0.450  | 20.01  | 28.76         | 48.77 | 56.88         | -8.11         | QP      |
| 7  | 0.475  | 20.02  | 17.74         | 37.76 | 46.43         | -8.67         | Average |
| 8  | 0.475  | 20.02  | 27.81         | 47.83 | 56.43         | -8.60         | QP      |
| 9  | 0.950  | 20.41  | 14.12         | 34.53 | 46.00         | -11.47        | Average |
| 10 | 0.950  | 20.41  | 25.05         | 45.46 | 56.00         | -10.54        | QP      |
| 11 | 2.015  | 20.92  | 9.06          | 29.98 | 46.00         | -16.02        | Average |
| 12 | 2.015  | 20.92  | 18.90         | 39.82 | 56.00         | -16.18        | QP      |
| 13 | 13.135 | 23.34  | 1.65          | 24.99 | 50.00         | -25.01        | Average |
| 14 | 13.135 | 23.34  | 11.64         | 34.98 | 60.00         | -25.02        | QP      |

## Radiated Spurious Emissions

### Test Data

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

### 9kHz-1GHz

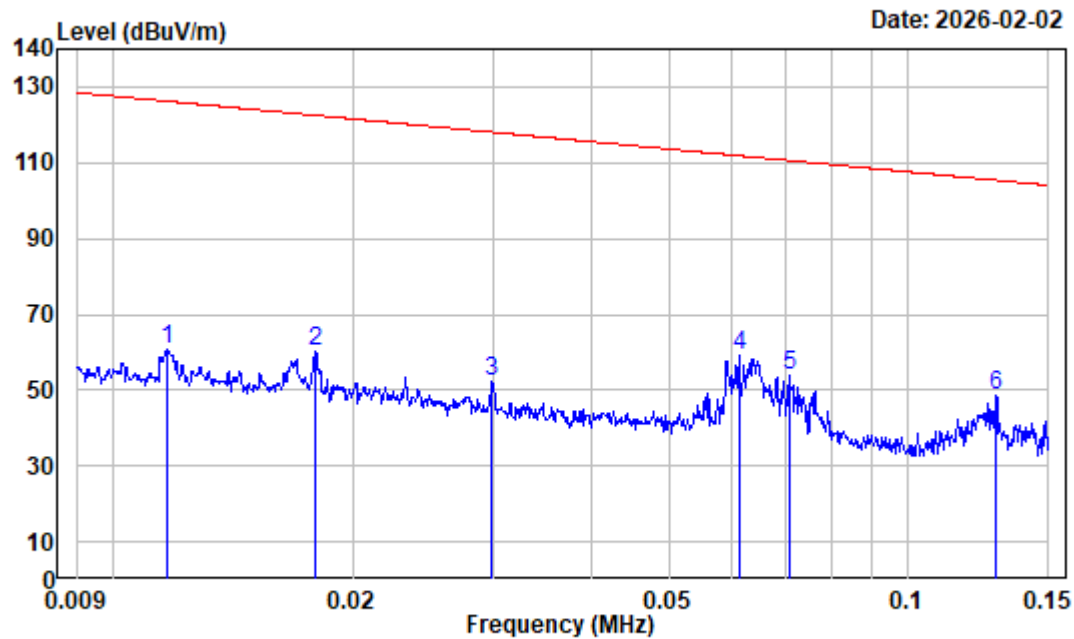
#### Environmental Conditions

|                     |                        |
|---------------------|------------------------|
| Temperature:        | 19.2 °C                |
| Relative Humidity:  | 49 %                   |
| ATM Pressure:       | 101.9 kPa              |
| Test Engineer:      | Jayden Luo             |
| Test Date:          | 2026-02-02             |
| EUT Operation Mode: | 2.4G WIFI Transmitting |

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

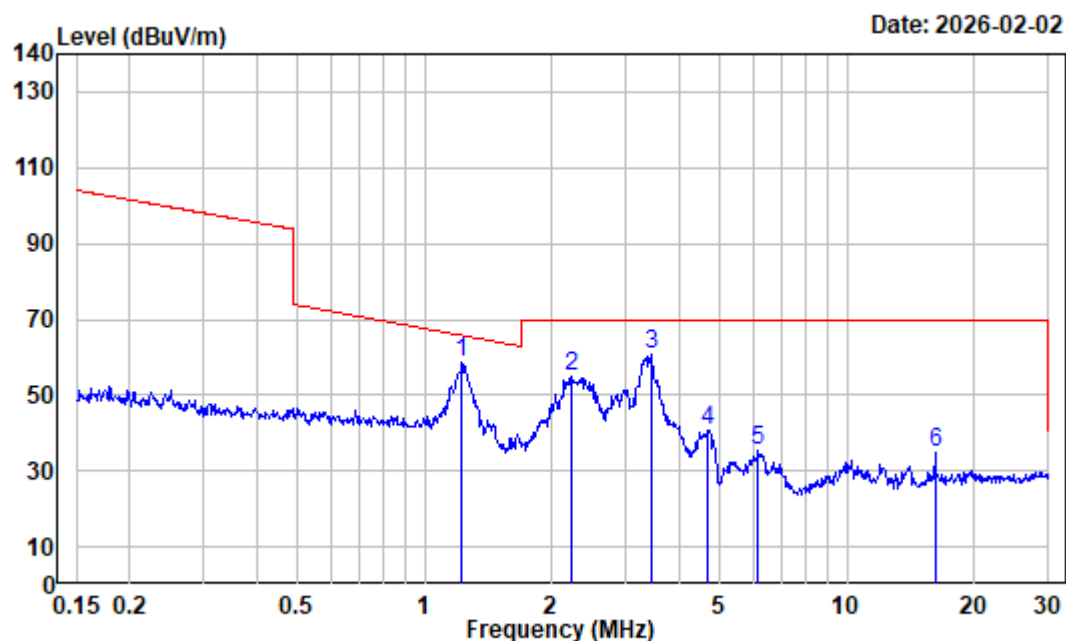
*Note 1: The Loop Antenna were tested in parallel, perpendicular, and ground-parallel. The worst orientation was parallel and the data was recorded in report.*

*Note 2: The maximum power mode and channel: 2.4G WiFi 802.11n40 High Channel 2452MHz was tested.*

**For Test Mode 2****9kHz~30MHz:**

Site : chamber  
 Condition : 3m  
 Job No. : 2504Y26988E-RF  
 Polarization : Parallel Tester: Jayden Luo  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 2  
 Receiver Setting: RBW:300Hz VBW:1kHz

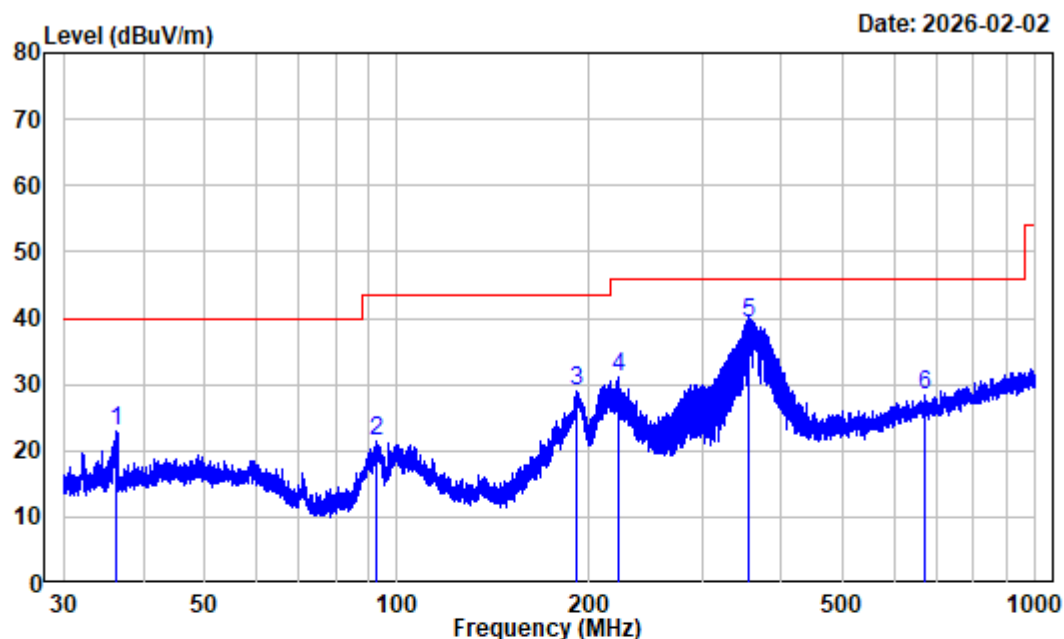
|   | Freq  | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-------|--------|------------|--------|------------|------------|--------|
|   | MHz   | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 0.012 | 35.08  | 25.71      | 60.79  | 126.25     | -65.46     | Peak   |
| 2 | 0.018 | 32.29  | 27.68      | 59.97  | 122.51     | -62.54     | Peak   |
| 3 | 0.030 | 26.99  | 25.57      | 52.56  | 118.09     | -65.53     | Peak   |
| 4 | 0.061 | 21.20  | 38.16      | 59.36  | 111.85     | -52.49     | Peak   |
| 5 | 0.071 | 19.84  | 34.16      | 54.00  | 110.61     | -56.61     | Peak   |
| 6 | 0.129 | 15.13  | 33.58      | 48.71  | 105.40     | -56.69     | Peak   |



Site : chamber  
 Condition : 3m  
 Job No. : 2504Y26988E-RF  
 Polarization : Parallel Tester: Jayden Luo  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 2  
 Receiver Setting: RBW:10kHz VBW:30kHz

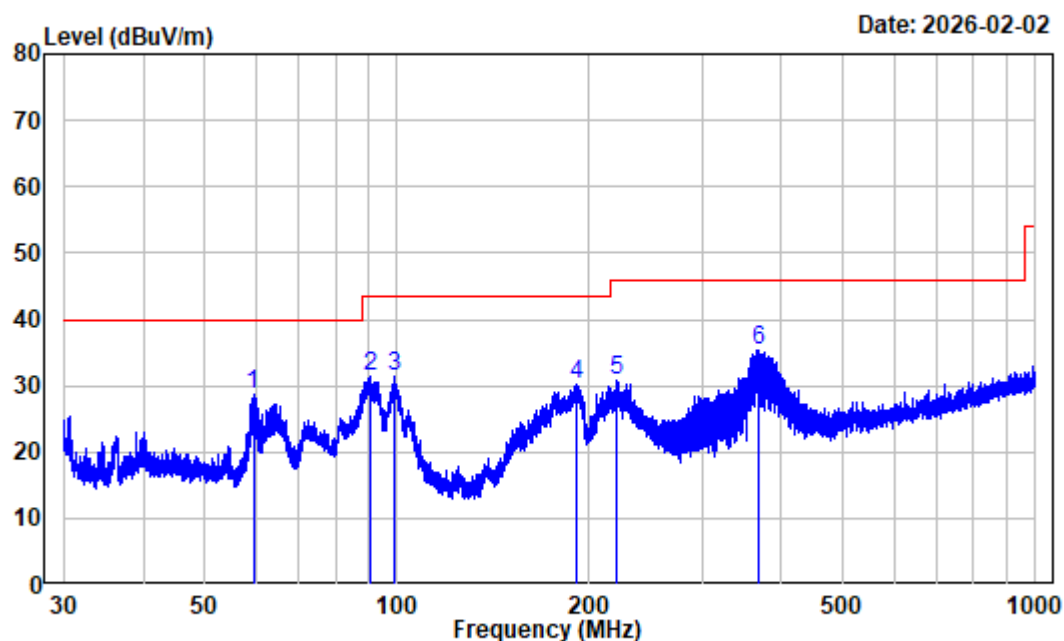
|   | Freq Factor |       | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-------------|-------|------------|--------|------------|------------|--------|
|   | MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1.223       | -2.62 | 61.41      | 58.79  | 65.69      | -6.90      | Peak   |
| 2 | 2.225       | -5.48 | 60.23      | 54.75  | 69.54      | -14.79     | Peak   |
| 3 | 3.436       | -6.04 | 66.86      | 60.82  | 69.54      | -8.72      | Peak   |
| 4 | 4.672       | -6.30 | 47.09      | 40.79  | 69.54      | -28.75     | Peak   |
| 5 | 6.153       | -6.19 | 41.41      | 35.22  | 69.54      | -34.32     | Peak   |
| 6 | 16.226      | -3.86 | 38.98      | 35.12  | 69.54      | -34.42     | Peak   |

## 30MHz~1GHz:



Site : chamber  
 Condition : 3m HORIZONTAL  
 Job No. : 2504Y26988E-RF Tester: Jayden Luo  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 2  
 Receiver Setting: RBW:100kHz VBW:300kHz

|   | Freq    | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|---------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz     | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 36.350  | -11.39 | 34.24         | 22.85  | 40.00         | -17.15        | Peak   |
| 2 | 92.462  | -12.92 | 34.41         | 21.49  | 43.50         | -22.01        | Peak   |
| 3 | 191.325 | -10.24 | 39.08         | 28.84  | 43.50         | -14.66        | Peak   |
| 4 | 221.781 | -10.54 | 41.61         | 31.07  | 46.00         | -14.93        | Peak   |
| 5 | 356.520 | -7.07  | 46.42         | 39.35  | 46.00         | -6.65         | QP     |
| 6 | 668.728 | -1.17  | 29.59         | 28.42  | 46.00         | -17.58        | Peak   |



Site : chamber  
 Condition : 3m VERTICAL  
 Job No. : 2504Y26988E-RF Tester: Jayden Luo  
 Test Mode : 2.4G WIFI Transmitting  
 Note : Test Mode 2  
 Receiver Setting: RBW:100kHz VBW:300kHz

|   | Freq    | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|---------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz     | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 59.493  | -10.33 | 38.92         | 28.59  | 40.00         | -11.41        | Peak   |
| 2 | 90.458  | -13.52 | 44.84         | 31.32  | 43.50         | -12.18        | Peak   |
| 3 | 99.006  | -11.48 | 42.88         | 31.40  | 43.50         | -12.10        | Peak   |
| 4 | 190.823 | -10.30 | 40.64         | 30.34  | 43.50         | -13.16        | Peak   |
| 5 | 220.811 | -10.55 | 41.42         | 30.87  | 46.00         | -15.13        | Peak   |
| 6 | 369.405 | -6.94  | 42.38         | 35.44  | 46.00         | -10.56        | Peak   |

**1GHz-25GHz****Environmental Conditions**

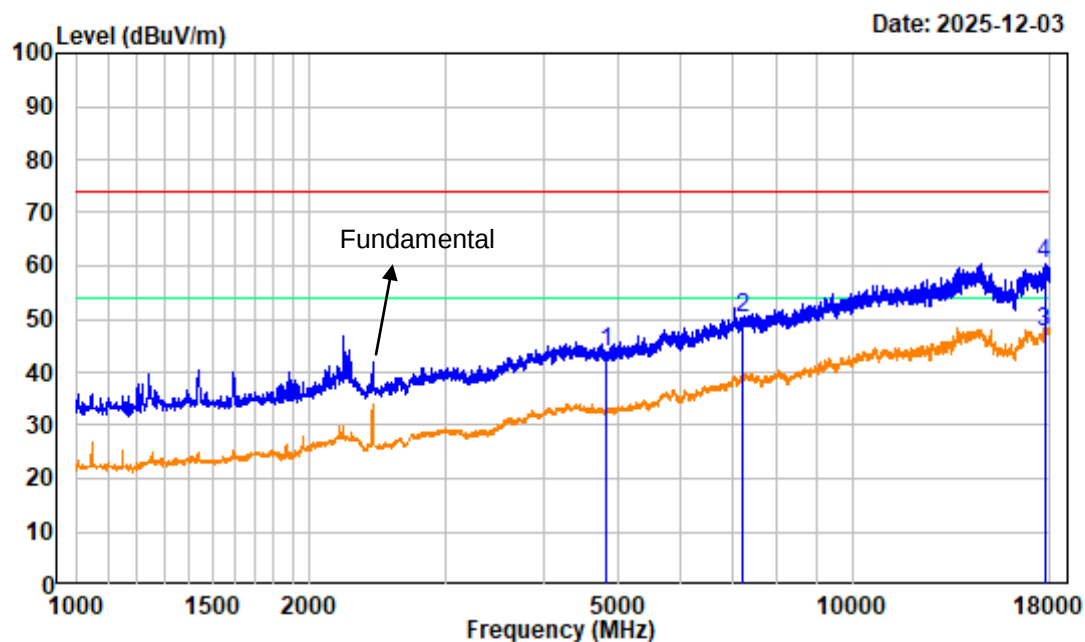
|                            |                          |
|----------------------------|--------------------------|
| <b>Temperature:</b>        | 22.3 to 23.1 °C          |
| <b>Relative Humidity:</b>  | 47 to 49 %               |
| <b>ATM Pressure:</b>       | 100.9 kPa                |
| <b>Test Engineer:</b>      | Kevin Lv                 |
| <b>Test Date:</b>          | 2025-12-03 to 2025-12-15 |
| <b>EUT Operation Mode:</b> | Transmitting             |

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

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

*Note 2: For 18GHz-25GHz, the maximum power mode and channel: 2.4G WiFi 802.11n40 High Channel 2452MHz was tested.*

## 2.4G WIFI 802.11b Low Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

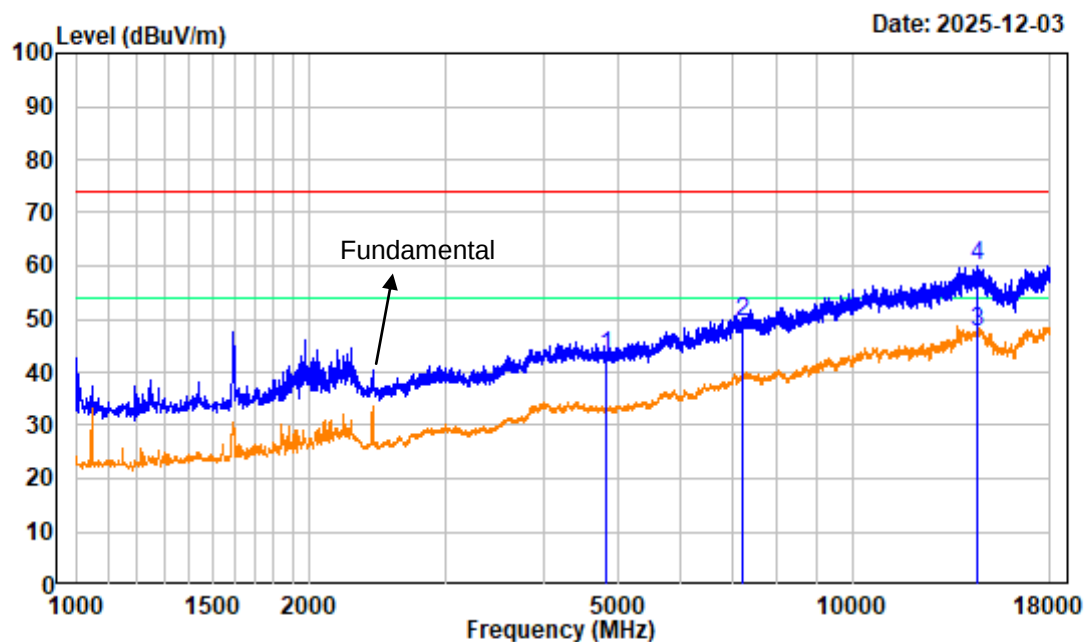
Tester: Kevin Lv

Note : 2.4G WIFI 802.11B Low Channel 2412MHz 1GHz-18GHz

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

|   | Freq      | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|-----------|--------|------------|--------|------------|------------|---------|
|   | MHz       | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 4824.000  | -6.64  | 50.26      | 43.62  | 74.00      | -30.38     | peak    |
| 2 | 7236.000  | -1.32  | 51.34      | 50.02  | 74.00      | -23.98     | peak    |
| 3 | 17704.630 | 7.66   | 39.84      | 47.50  | 54.00      | -6.50      | average |
| 4 | 17704.630 | 7.66   | 52.76      | 60.42  | 74.00      | -13.58     | peak    |

## 2.4G WIFI 802.11b Low Channel 1GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

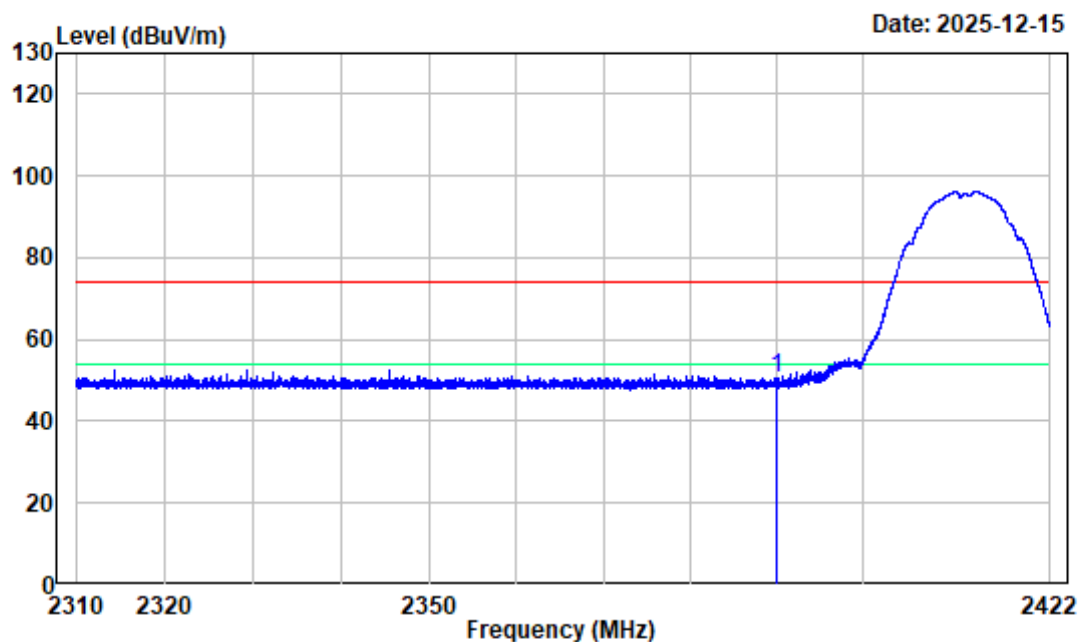
Tester: Kevin Lv

Note : 2.4G WIFI 802.11B Low Channel 2412MHz 1GHz-18GHz

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

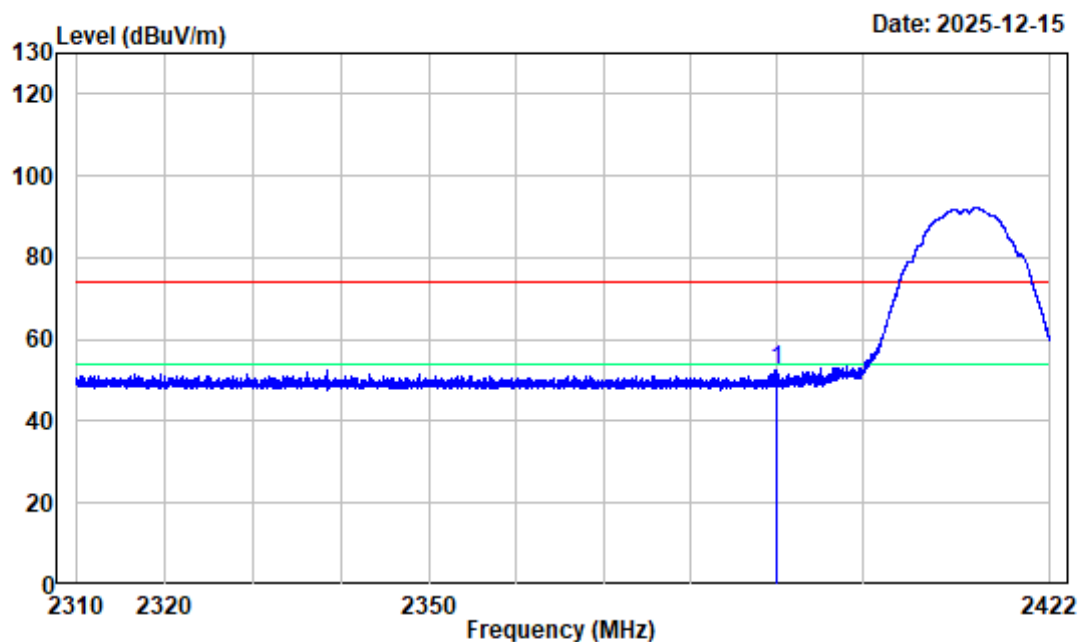
|   | Freq      | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark  |
|---|-----------|--------|---------------|--------|---------------|---------------|---------|
|   | MHz       | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |         |
| 1 | 4824.000  | -6.64  | 49.68         | 43.04  | 74.00         | -30.96        | peak    |
| 2 | 7236.000  | -1.32  | 50.68         | 49.36  | 74.00         | -24.64        | peak    |
| 3 | 14536.250 | 8.86   | 38.86         | 47.72  | 54.00         | -6.28         | Average |
| 4 | 14536.250 | 8.86   | 51.08         | 59.94  | 74.00         | -14.06        | Peak    |

## 2.4G WIFI 802.11b Low Channel Bandedge\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11B Low Channel 2412MHz Bandedge  
SA setting : Peak:RBW:1MHz,VBW:3MHz

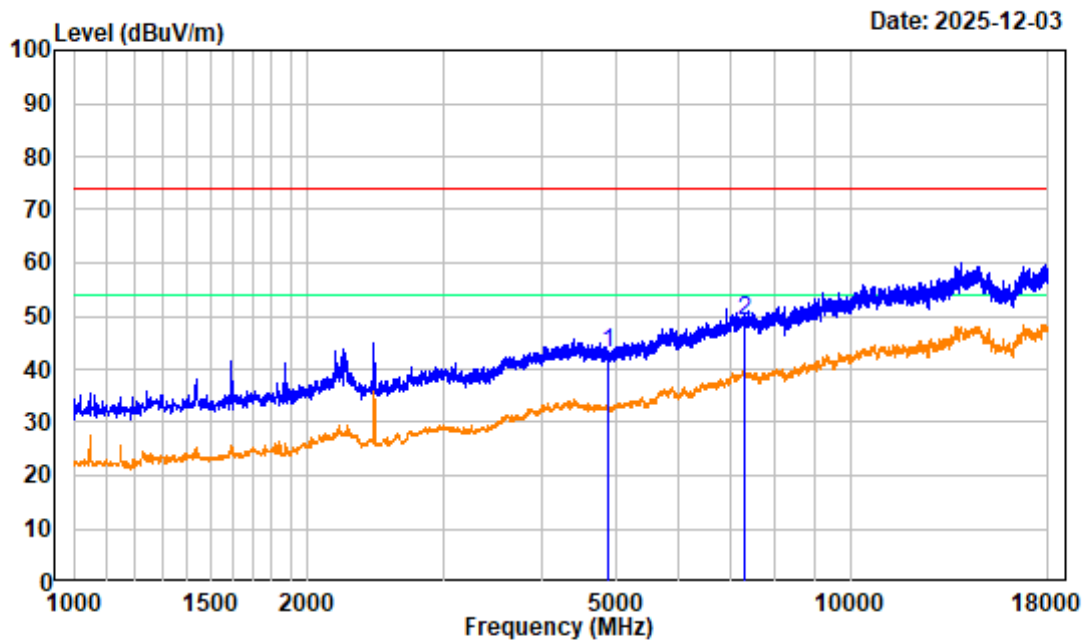
| Freq Factor |        | Read Level | Level  | Limit Line | Over Limit | Remark |
|-------------|--------|------------|--------|------------|------------|--------|
| MHz         | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 2390.000  | -10.25 | 60.78      | 50.53  | 74.00      | -23.47     | peak   |

**2.4G WIFI 802.11b Low Channel Bandedge\_VERTICAL**

Site : chamber  
 Condition : 3m VERTICAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11B Low Channel 2412MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz

|   | Freq Factor |        | Read Level |        | Limit  | Over   | Remark |
|---|-------------|--------|------------|--------|--------|--------|--------|
|   | MHz         | dB/m   | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 | 2390.000    | -10.25 | 62.77      | 52.52  | 74.00  | -21.48 | peak   |

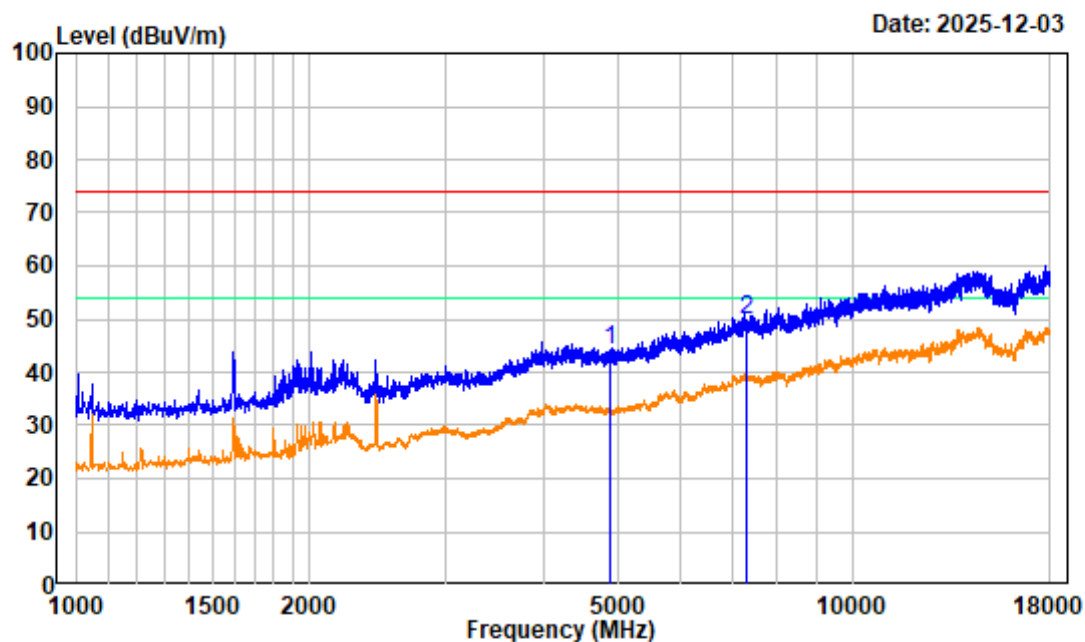
2.4G WIFI 802.11b Middle Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11B Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4874.000 | -6.58      | 49.49  | 42.91      | 74.00      | -31.09 peak |
| 2           | 7311.000 | -1.12      | 50.18  | 49.06      | 74.00      | -24.94 peak |

## 2.4G WIFI 802.11b Middle Channel 1GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

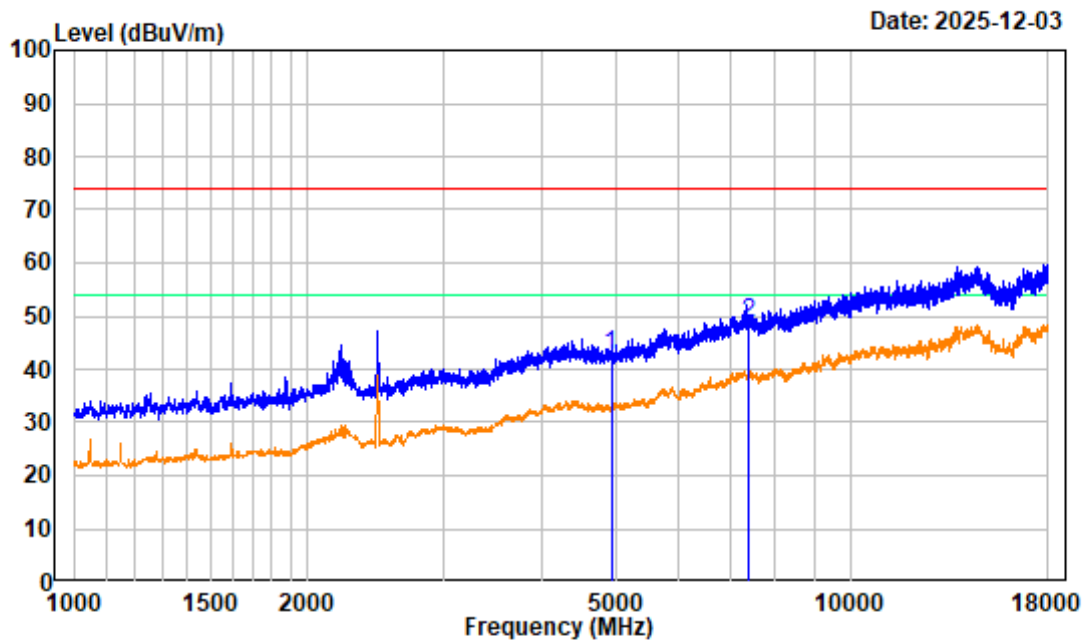
Tester: Kevin Lv

Note : 2.4G WIFI 802.11B Middle Channel 2437MHz 1GHz-18GHz

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

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 4874.000 | -6.58  | 50.74         | 44.16  | 74.00         | -29.84        | peak   |
| 2 | 7311.000 | -1.12  | 50.85         | 49.73  | 74.00         | -24.27        | peak   |

2.4G WIFI 802.11b High Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

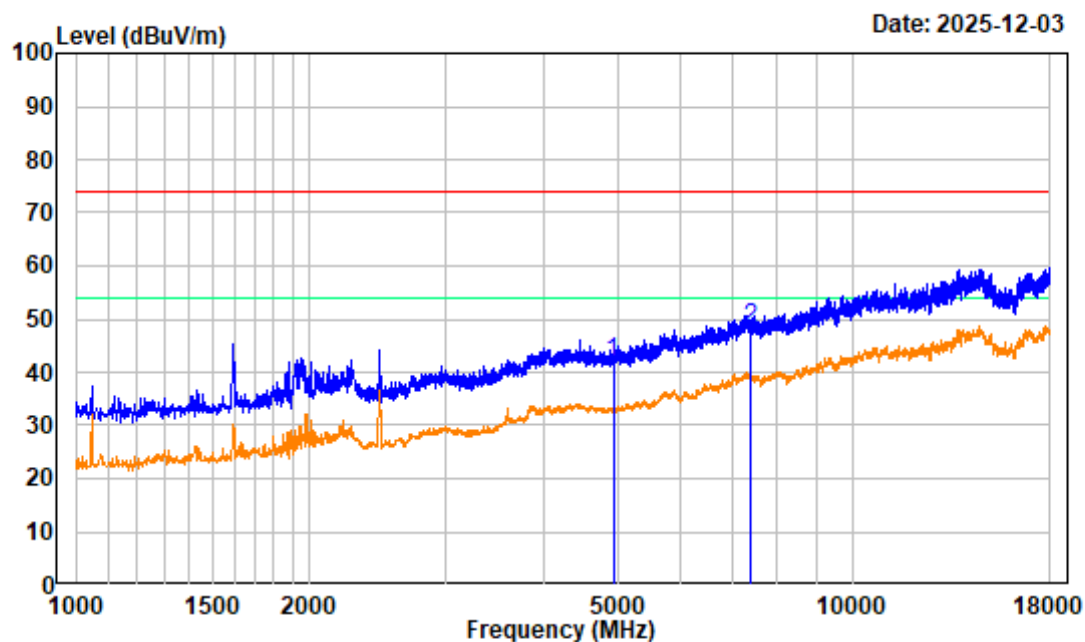
Test Mode : TransmittingTester:Kevin Lv

Note : 2.4G WIFI 802.11B High Channel 2462MHz 1GHz-18GHz

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

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4924.000 | -6.48      | 49.11  | 42.63  | 74.00 | -31.37 peak |
| 2           | 7386.000 | -1.31      | 49.92  | 48.61  | 74.00 | -25.39 peak |

## 2.4G WIFI 802.11b High Channel 1GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

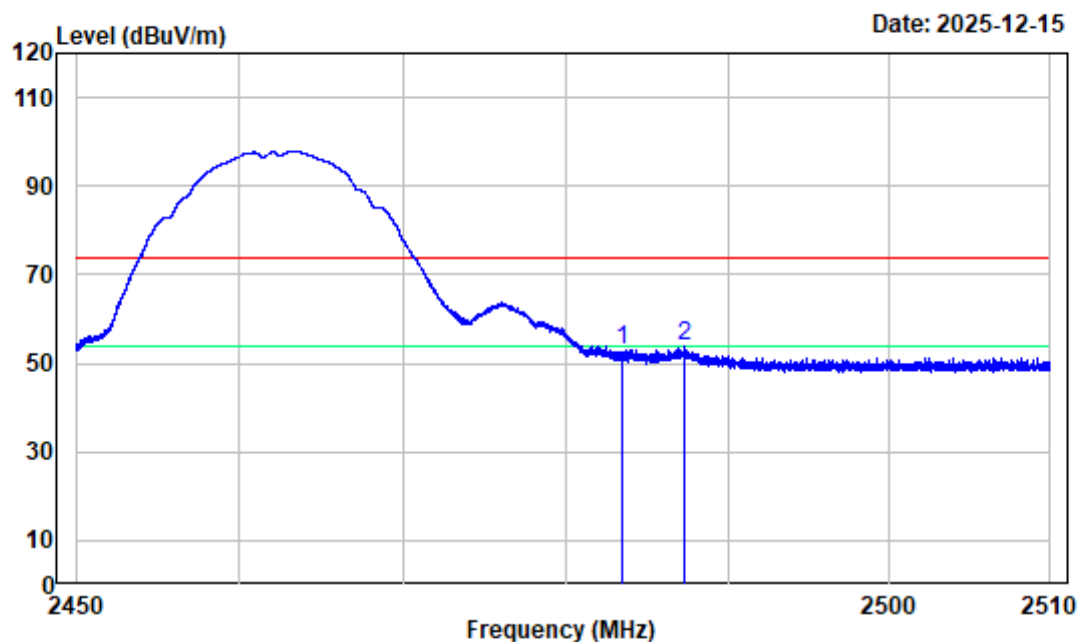
Tester: Kevin Lv

Note : 2.4G WIFI 802.11B High Channel 2462MHz 1GHz-18GHz

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

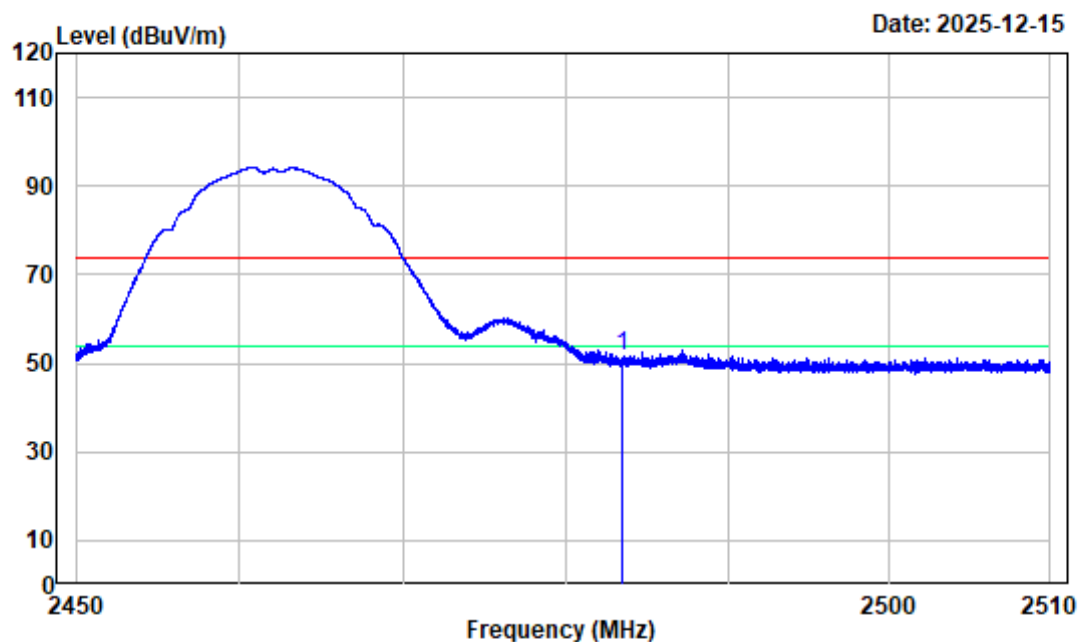
|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|----------|--------|------------|--------|------------|------------|--------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 4924.000 | -6.48  | 48.21      | 41.73  | 74.00      | -32.27     | peak   |
| 2 | 7386.000 | -1.31  | 49.62      | 48.31  | 74.00      | -25.69     | peak   |

## 2.4G WIFI 802.11b High Channel Bandedge\_HORIZONTAL



Site : chamber  
 Condition : 3m HORIZONTAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11B High Channel 2462MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz

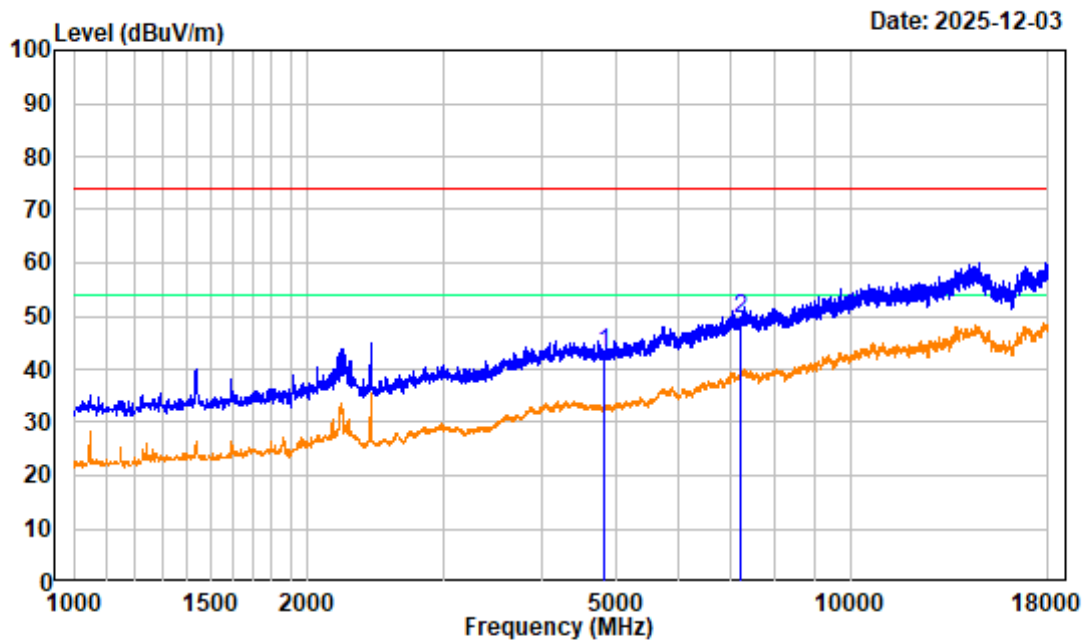
|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 2483.500 | -10.23 | 63.08         | 52.85  | 74.00         | -21.15        | peak   |
| 2 | 2487.350 | -10.25 | 64.17         | 53.92  | 74.00         | -20.08        | Peak   |

**2.4G WIFI 802.11b High Channel Bandedge\_VERTICAL**

Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11B High Channel 2462MHz Bandedge  
SA setting : Peak:RBW:1MHz,VBW:3MHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 2483.500 | -10.23     | 61.94  | 51.71      | 74.00      | -22.29 peak |

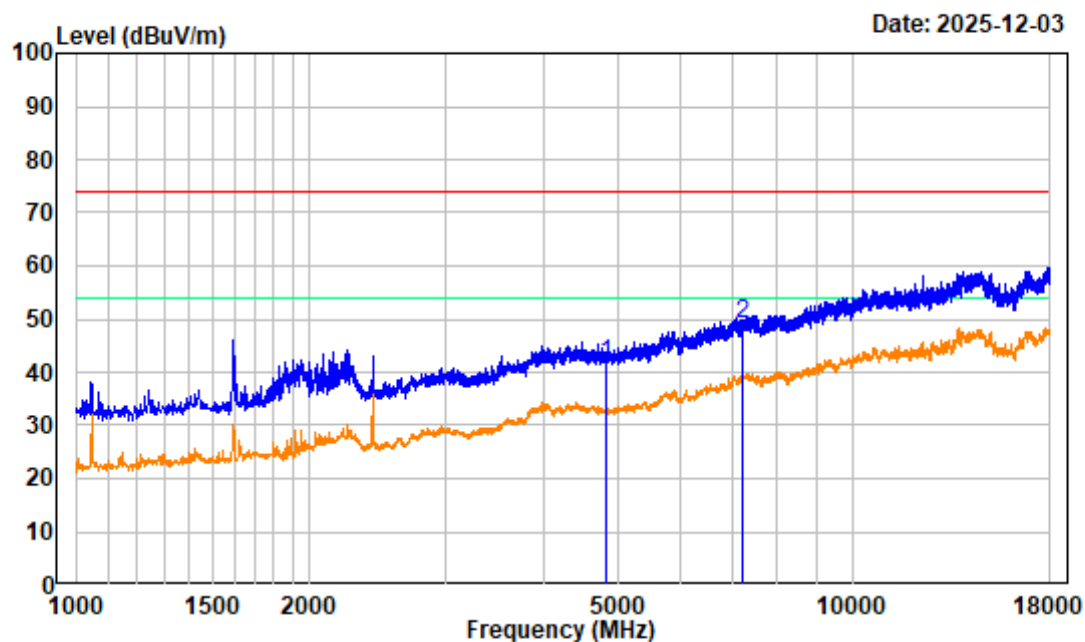
2.4G WIFI 802.11G Low Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11G Low Channel 2412MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4824.000 | -6.64      | 49.63  | 42.99      | 74.00      | -31.01 peak |
| 2           | 7236.000 | -1.32      | 50.60  | 49.28      | 74.00      | -24.72 peak |

## 2.4G WIFI 802.11G Low Channel 1GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

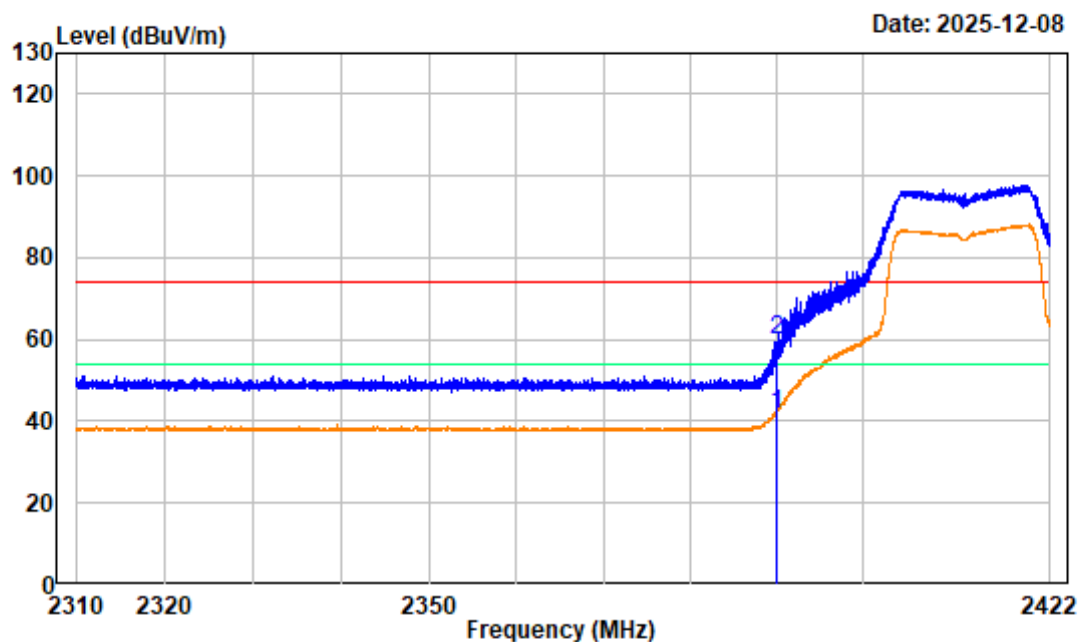
Tester: Kevin Lv

Note : 2.4G WIFI 802.11G Low Channel 2412MHz 1GHz-18GHz

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

|   | Freq     | Factor | Read  |        | Limit  | Over   | Remark |
|---|----------|--------|-------|--------|--------|--------|--------|
|   |          |        | Level | Level  | Line   | Limit  |        |
|   | MHz      | dB/m   | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 4824.000 | -6.64  | 48.20 | 41.56  | 74.00  | -32.44 | peak   |
| 2 | 7236.000 | -1.32  | 50.27 | 48.95  | 74.00  | -25.05 | peak   |

## 2.4G WIFI 802.11G Low Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

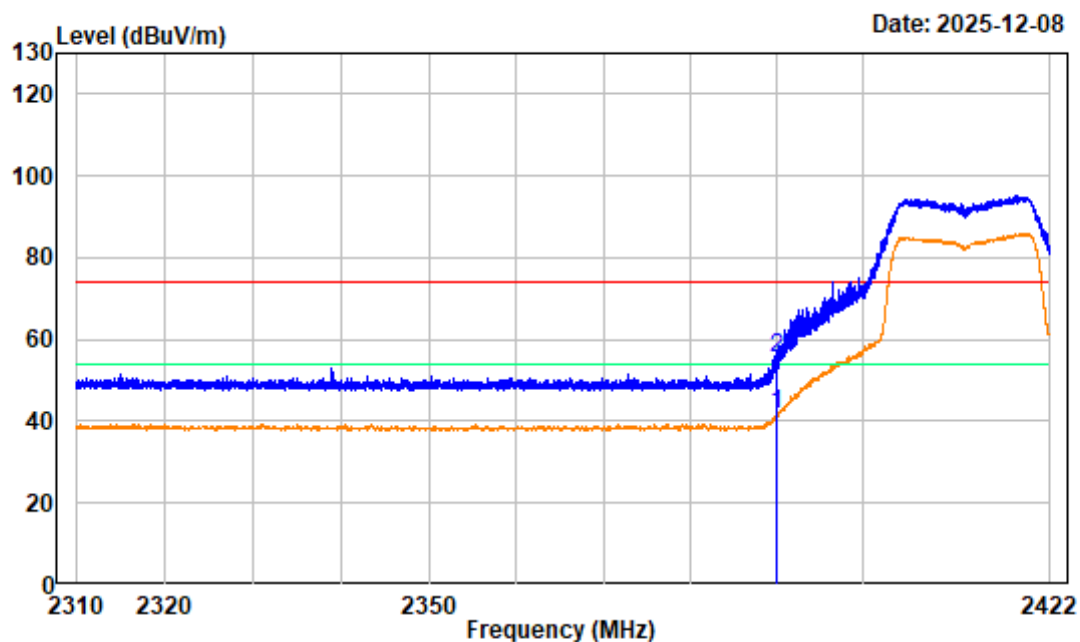
Tester:Kevin Lv

Note : 2.4G WIFI 802.11G Low Channel 2412MHz Bandedge

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

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|----------|--------|------------|--------|------------|------------|---------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 2390.000 | -10.25 | 52.17      | 41.92  | 54.00      | -12.08     | average |
| 2 | 2390.000 | -10.25 | 70.21      | 59.96  | 74.00      | -14.04     | peak    |

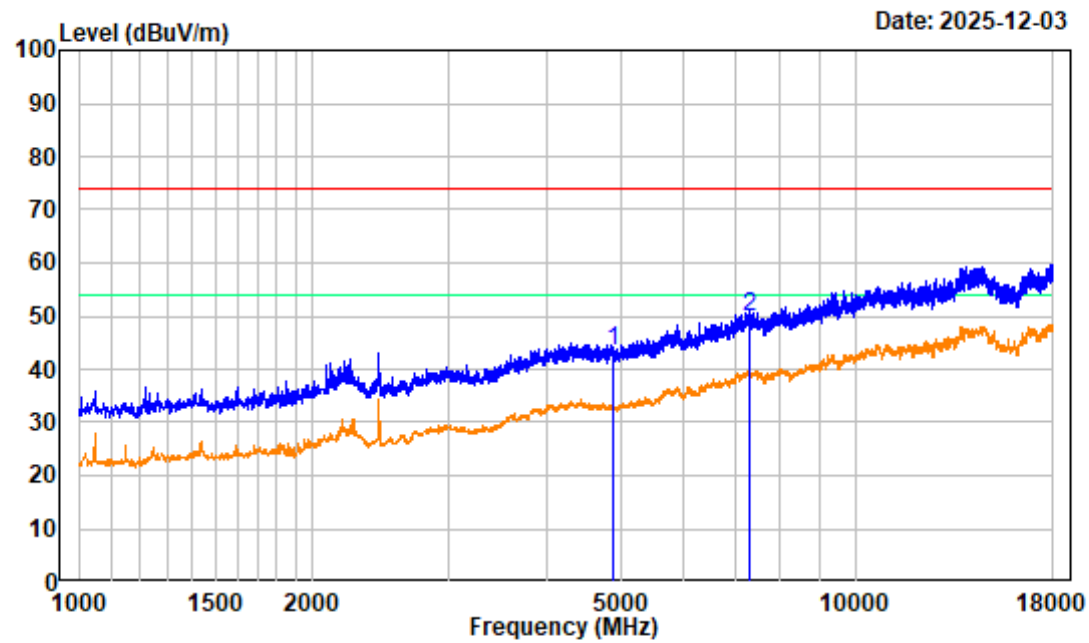
## 2.4G WIFI 802.11G Low Channel Bandedge\_VERTICAL



Site : chamber  
 Condition : 3m VERTICAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11G Low Channel 2412MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|----------|--------|------------|--------|------------|------------|---------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 2390.000 | -10.25 | 51.71      | 41.46  | 54.00      | -12.54     | average |
| 2 | 2390.000 | -10.25 | 65.69      | 55.44  | 74.00      | -18.56     | peak    |

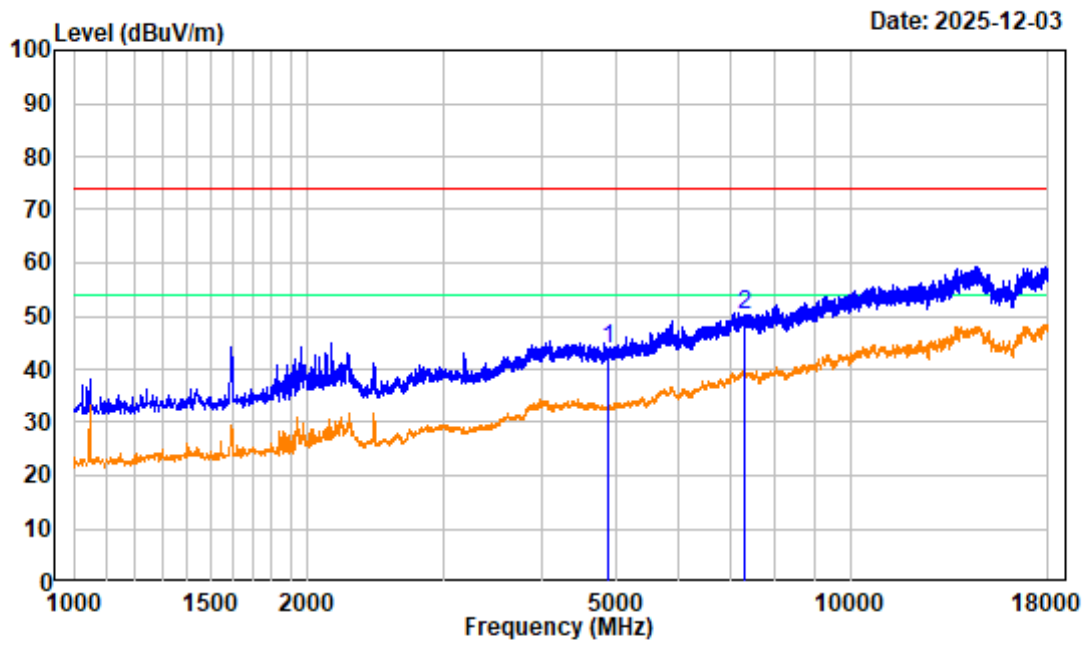
2.4G WIFI 802.11G Middle Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11G Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4874.000 | -6.58      | 49.80  | 43.22      | 74.00      | -30.78 peak |
| 2           | 7311.000 | -1.12      | 50.81  | 49.69      | 74.00      | -24.31 peak |

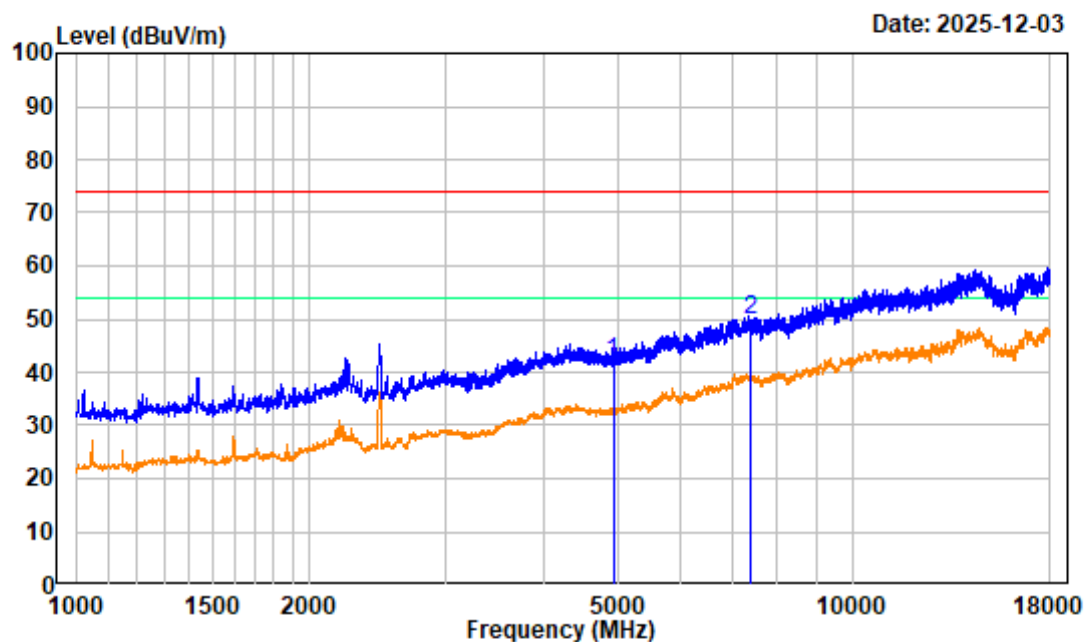
2.4G WIFI 802.11G Middle Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11G Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit | Over  | Remark      |
|-------------|----------|------------|--------|-------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | Line  | Limit |             |
| 1           | 4874.000 | -6.58      | 50.17  | 43.59 | 74.00 | -30.41 peak |
| 2           | 7311.000 | -1.12      | 51.17  | 50.05 | 74.00 | -23.95 peak |

## 2.4G WIFI 802.11G High Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

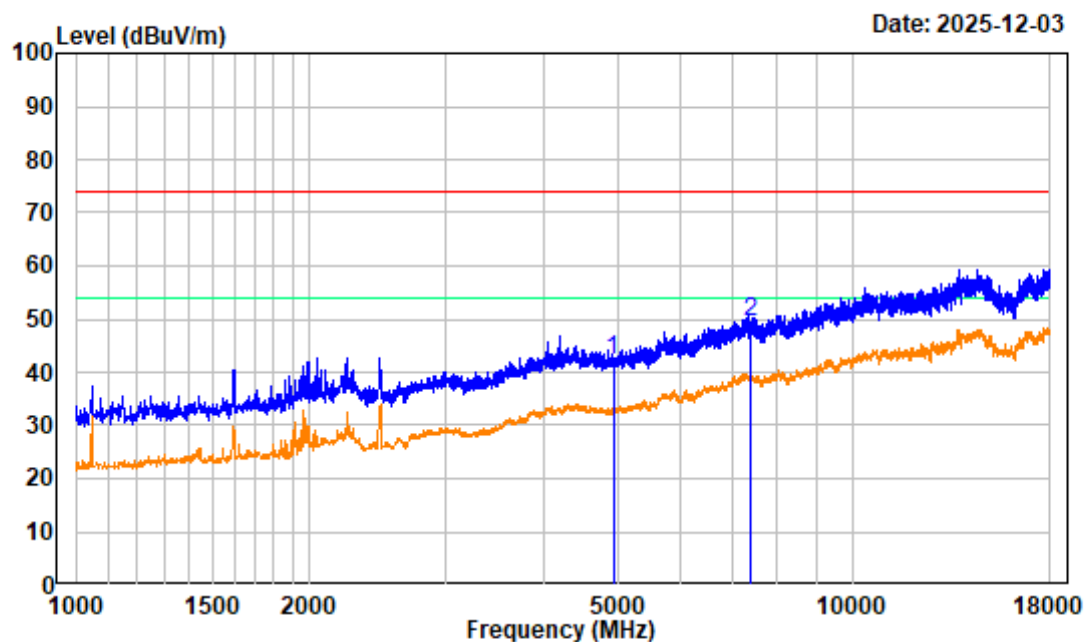
Tester: Kevin Lv

Note : 2.4G WIFI 802.11G High Channel 2462MHz 1GHz-18GHz

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

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 4924.000 | -6.48  | 48.46         | 41.98  | 74.00         | -32.02        | peak   |
| 2 | 7386.000 | -1.31  | 51.04         | 49.73  | 74.00         | -24.27        | peak   |

## 2.4G WIFI 802.11G High Channel 1GHz-18GHz\_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

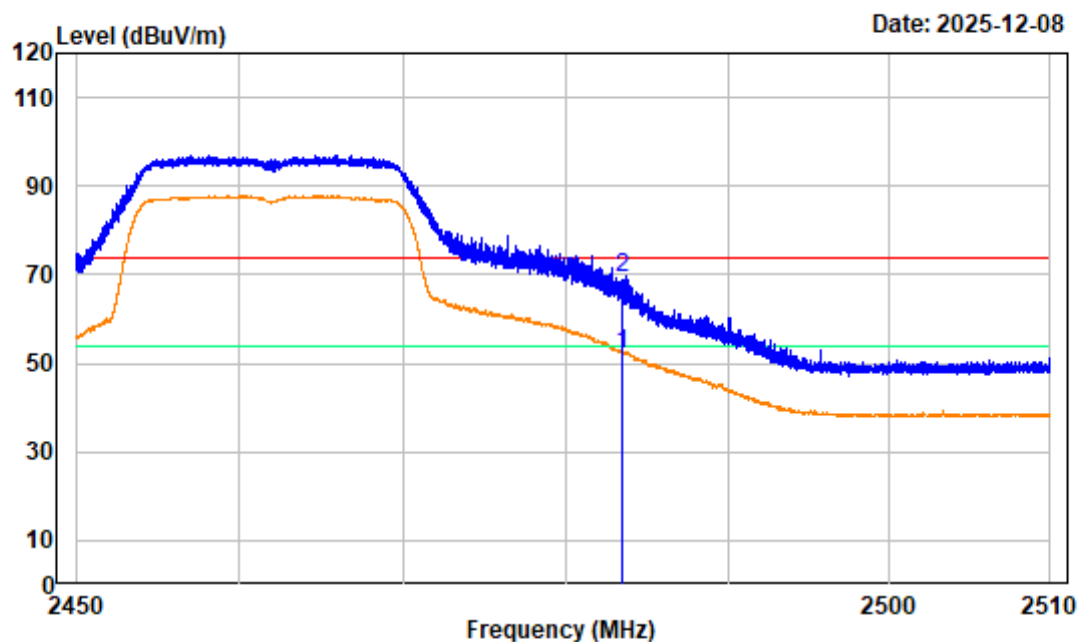
Tester: Kevin Lv

Note : 2.4G WIFI 802.11G High Channel 2462MHz 1GHz-18GHz

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

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark |
|---|----------|--------|---------------|--------|---------------|---------------|--------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |        |
| 1 | 4924.000 | -6.48  | 48.87         | 42.39  | 74.00         | -31.61        | peak   |
| 2 | 7386.000 | -1.31  | 50.61         | 49.30  | 74.00         | -24.70        | peak   |

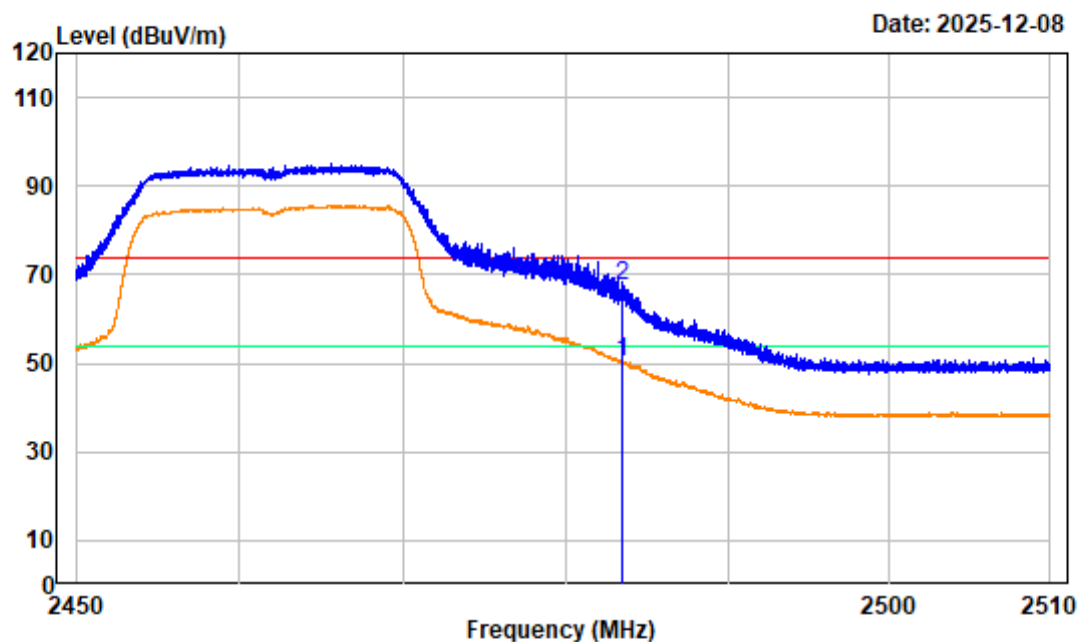
## 2.4G WIFI 802.11G High Channel Bandedge\_HORIZONTAL



Site : chamber  
 Condition : 3m HORIZONTAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11G High Channel 2462MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|----------|--------|------------|--------|------------|------------|---------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 2483.500 | -10.23 | 62.46      | 52.23  | 54.00      | -1.77      | average |
| 2 | 2483.500 | -10.23 | 79.48      | 69.25  | 74.00      | -4.75      | peak    |

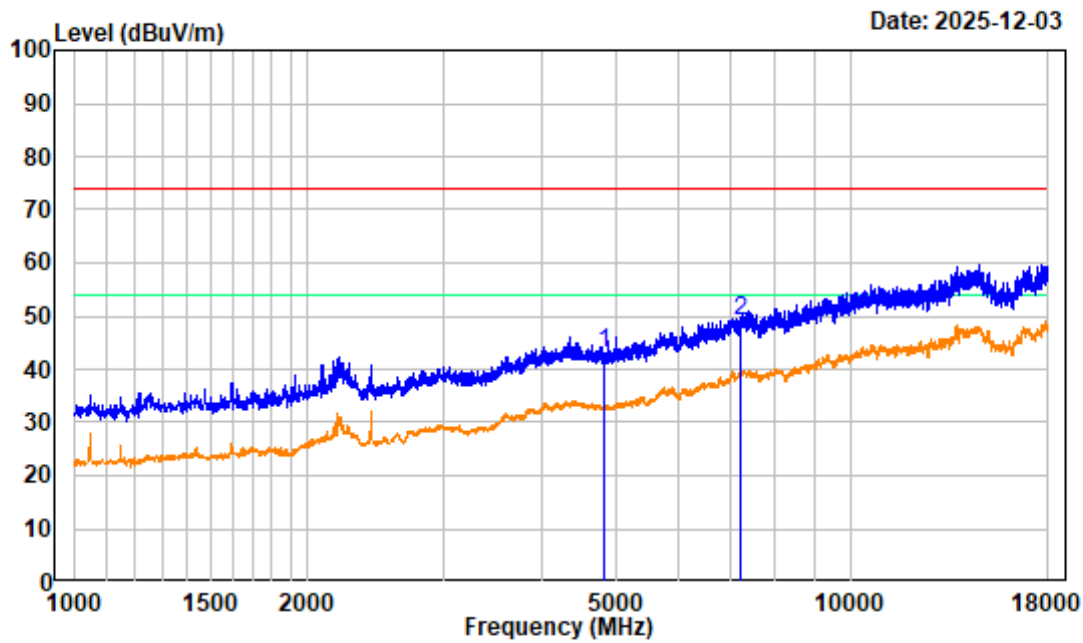
## 2.4G WIFI 802.11G High Channel Bandedge\_VERTICAL



Site : chamber  
 Condition : 3m VERTICAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11G High Channel 2462MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark  |
|---|----------|--------|---------------|--------|---------------|---------------|---------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |         |
| 1 | 2483.500 | -10.23 | 60.56         | 50.33  | 54.00         | -3.67         | average |
| 2 | 2483.500 | -10.23 | 77.54         | 67.31  | 74.00         | -6.69         | peak    |

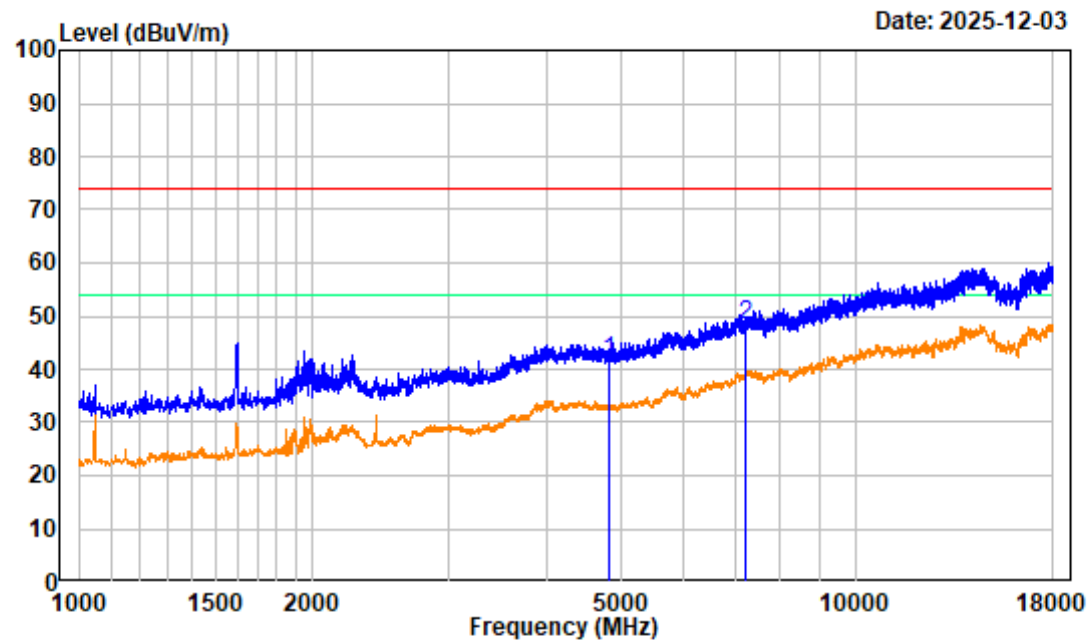
2.4G WIFI 802.11N20 Low Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 Low Channel 2412MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4824.000 | -6.64      | 49.62  | 42.98  | 74.00 | -31.02 peak |
| 2           | 7236.000 | -1.32      | 50.30  | 48.98  | 74.00 | -25.02 peak |

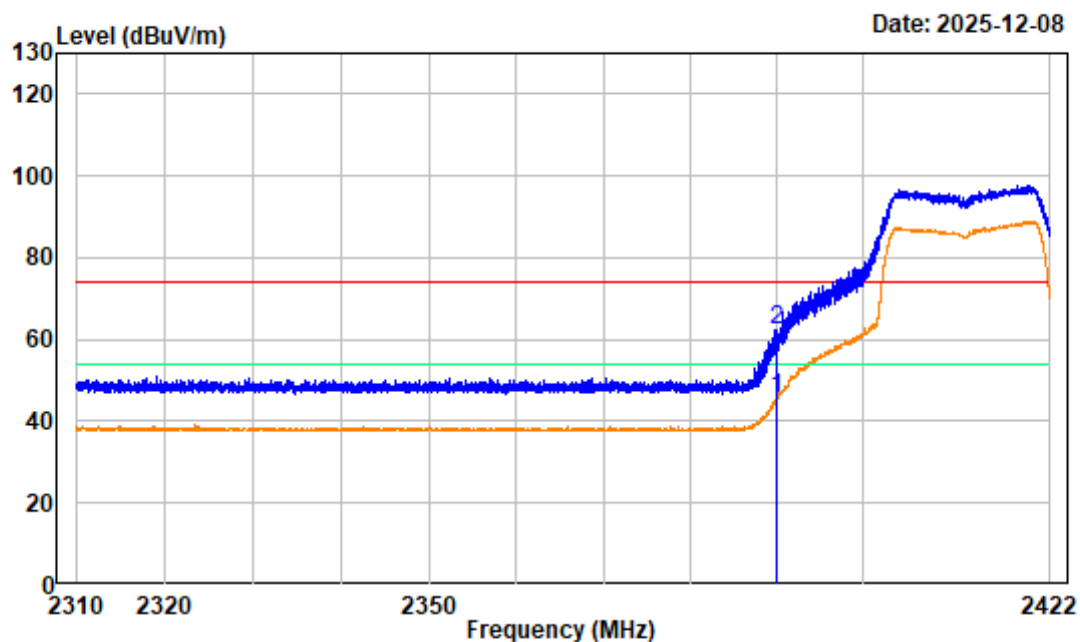
2.4G WIFI 802.11N20 Low Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 Low Channel 2412MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4824.000 | -6.64      | 48.05  | 41.41  | 74.00 | -32.59 peak |
| 2           | 7236.000 | -1.32      | 49.81  | 48.49  | 74.00 | -25.51 peak |

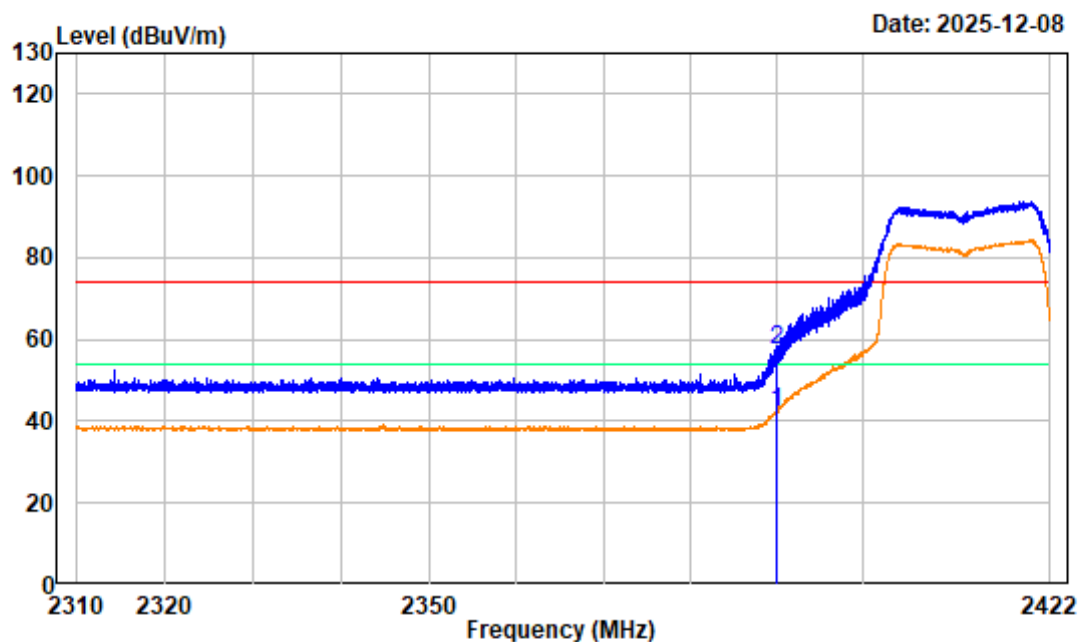
## 2.4G WIFI 802.11N20 Low Channel Bandedge\_HORIZONTAL



Site : chamber  
 Condition : 3m HORIZONTAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11N20 Low Channel 2412MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|----------|--------|------------|--------|------------|------------|---------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 2390.000 | -10.25 | 55.80      | 45.55  | 54.00      | -8.45      | average |
| 2 | 2390.000 | -10.25 | 72.79      | 62.54  | 74.00      | -11.46     | peak    |

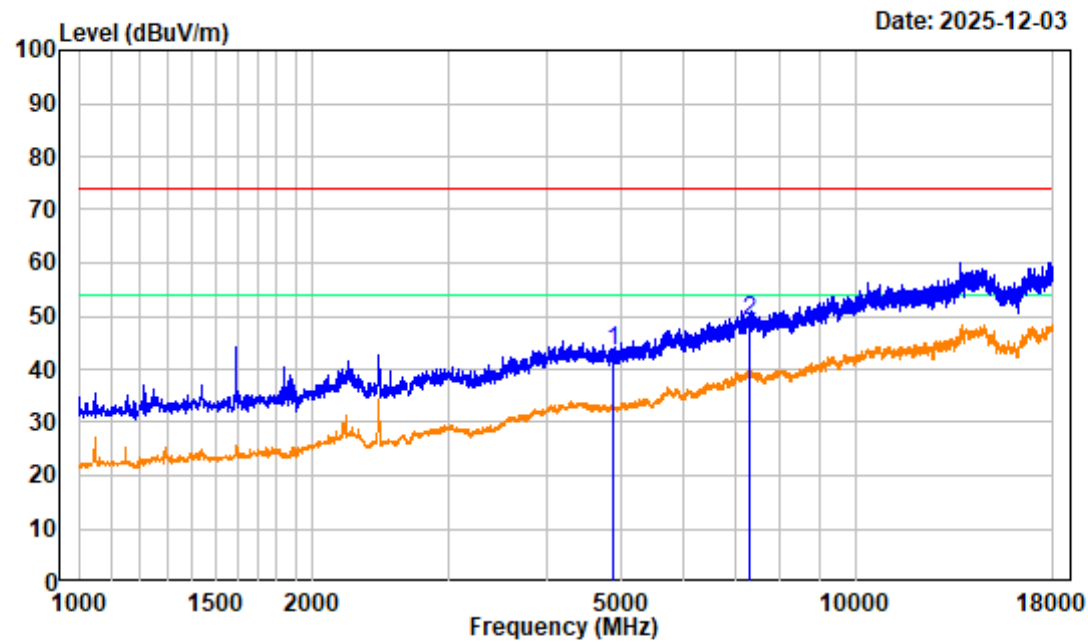
## 2.4G WIFI 802.11N20 Low Channel Bandedge\_VERTICAL



Site : chamber  
 Condition : 3m VERTICAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11N20 Low Channel 2412MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|---|----------|--------|------------|--------|------------|------------|---------|
|   | MHz      | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1 | 2390.000 | -10.25 | 52.66      | 42.41  | 54.00      | -11.59     | average |
| 2 | 2390.000 | -10.25 | 67.73      | 57.48  | 74.00      | -16.52     | peak    |

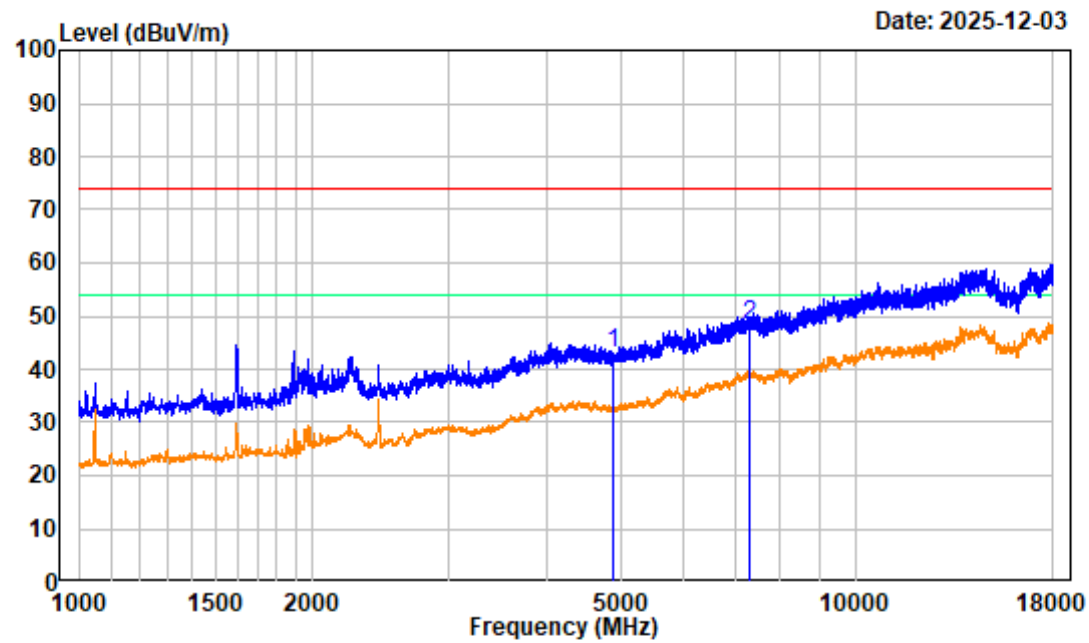
2.4G WIFI 802.11N20 Middle Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4874.000 | -6.58      | 50.10  | 43.52  | 74.00 | -30.48 peak |
| 2           | 7311.000 | -1.12      | 50.32  | 49.20  | 74.00 | -24.80 peak |

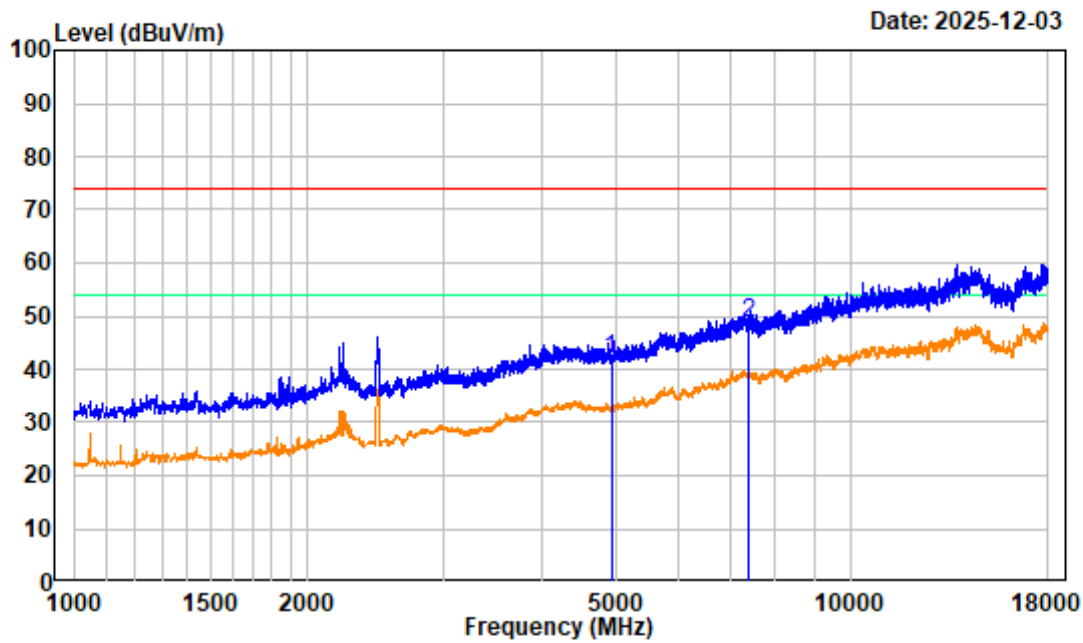
2.4G WIFI 802.11N20 Middle Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4874.000 | -6.58      | 49.61  | 43.03  | 74.00 | -30.97 peak |
| 2           | 7311.000 | -1.12      | 49.29  | 48.17  | 74.00 | -25.83 peak |

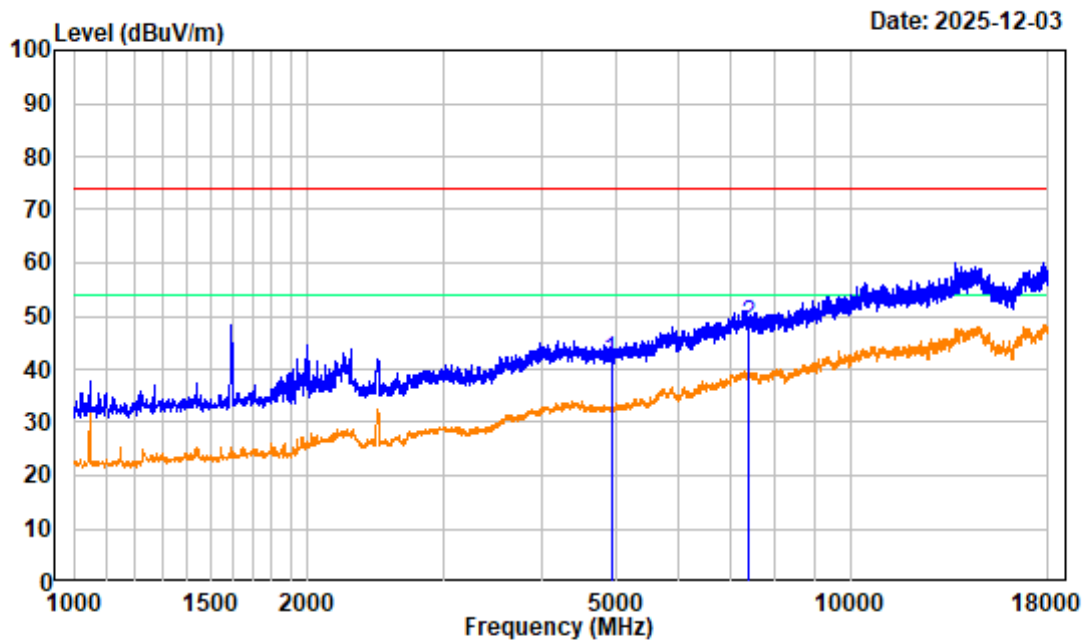
2.4G WIFI 802.11N20 High Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 High Channel 2462MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4924.000 | -6.48      | 48.18  | 41.70      | 74.00      | -32.30 peak |
| 2           | 7386.000 | -1.31      | 49.81  | 48.50      | 74.00      | -25.50 peak |

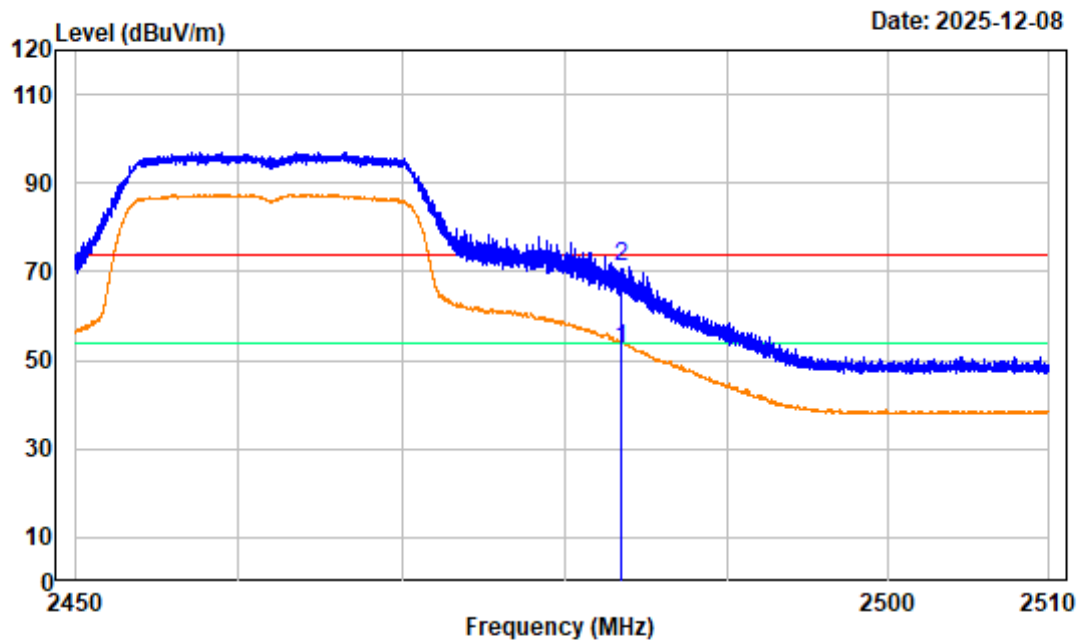
2.4G WIFI 802.11N20 High Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 High Channel 2462MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit | Over  | Remark      |
|-------------|----------|------------|--------|-------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | Line  | Limit |             |
| 1           | 4924.000 | -6.48      | 47.99  | 41.51 | 74.00 | -32.49 peak |
| 2           | 7386.000 | -1.31      | 49.75  | 48.44 | 74.00 | -25.56 peak |

2.4G WIFI 802.11N20 High Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

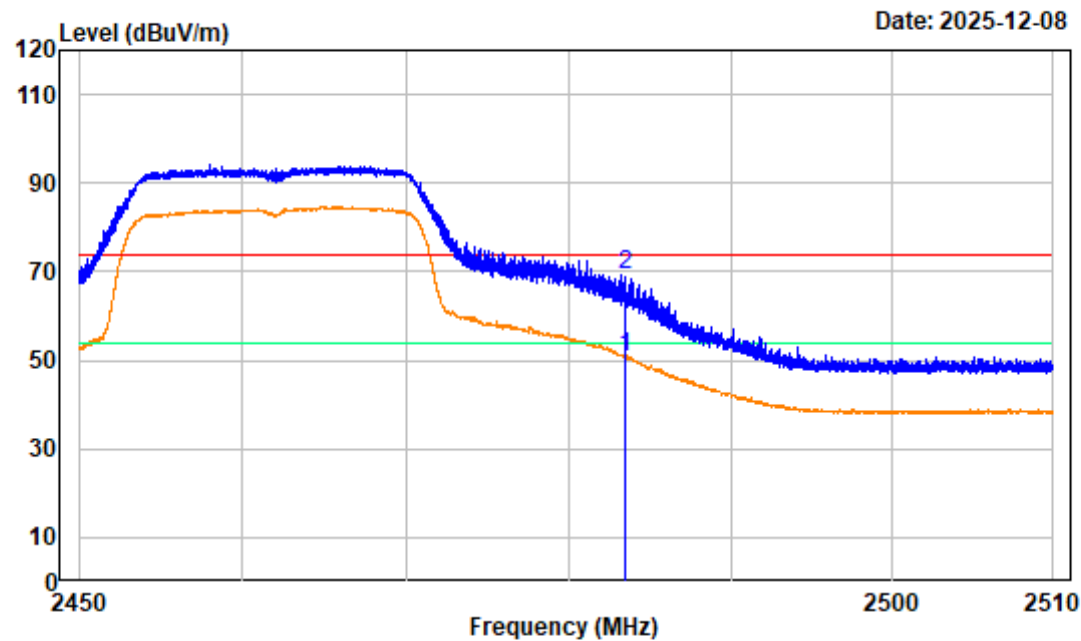
Test Mode : TransmittingTester:Kevin Lv

Note : 2.4G WIFI 802.11N20 High Channel 2462MHz Bandedge

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

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark        |
|-------------|----------|------------|--------|------------|------------|---------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |               |
| 1           | 2483.500 | -10.23     | 62.82  | 52.59      | 54.00      | -1.41 average |
| 2           | 2483.500 | -10.23     | 81.16  | 70.93      | 74.00      | -3.07 peak    |

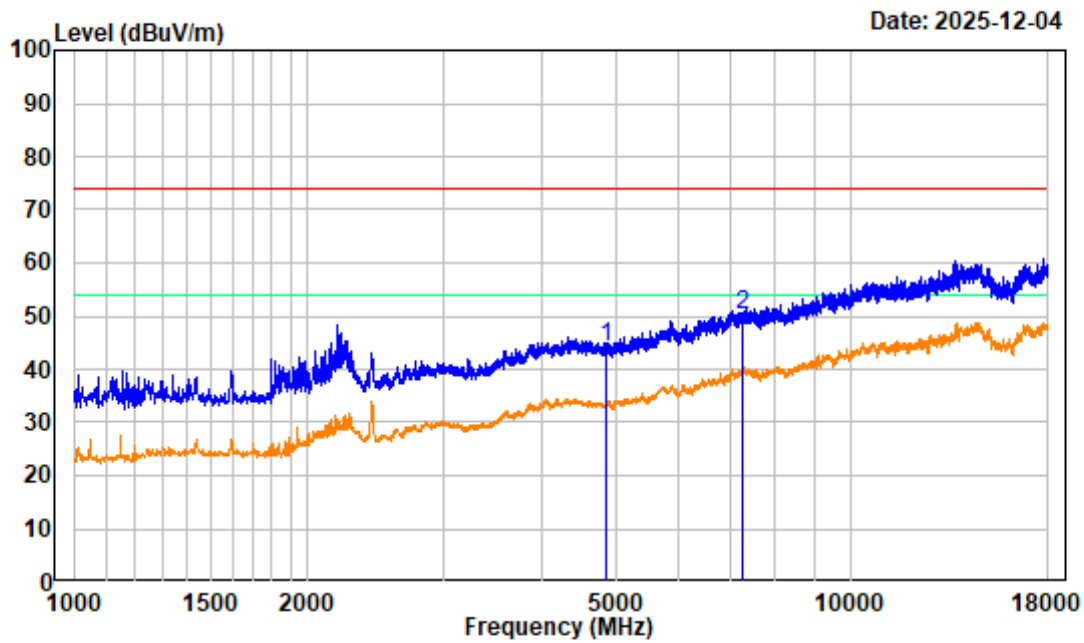
2.4G WIFI 802.11N20 High Channel Bandedge\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N20 High Channel 2462MHz Bandedge  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |                 | Read Level |        | Limit  | Over  | Remark  |
|-------------|-----------------|------------|--------|--------|-------|---------|
| MHz         | dB/m            | dBuV       | dBuV/m | dBuV/m | dB    |         |
| 1           | 2483.500 -10.23 | 60.73      | 50.50  | 54.00  | -3.50 | average |
| 2           | 2483.500 -10.23 | 79.69      | 69.46  | 74.00  | -4.54 | peak    |

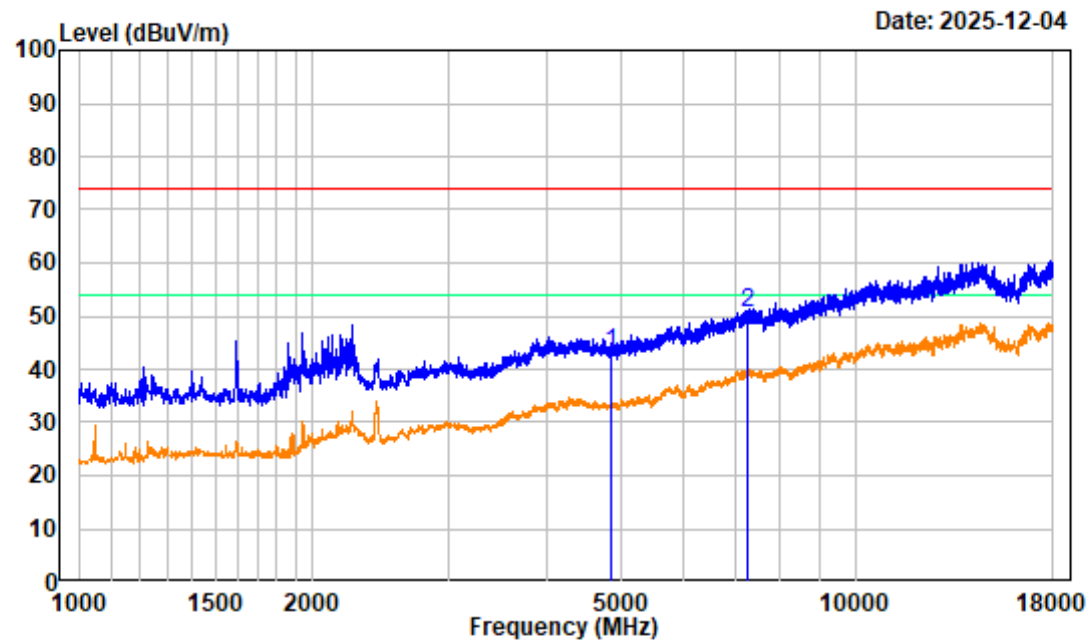
2.4G WIFI 802.11N40 Low Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Low Channel 2422MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4844.125 | -6.64      | 50.66  | 44.02      | 74.00      | -29.98 peak |
| 2           | 7266.625 | -1.24      | 51.57  | 50.33      | 74.00      | -23.67 peak |

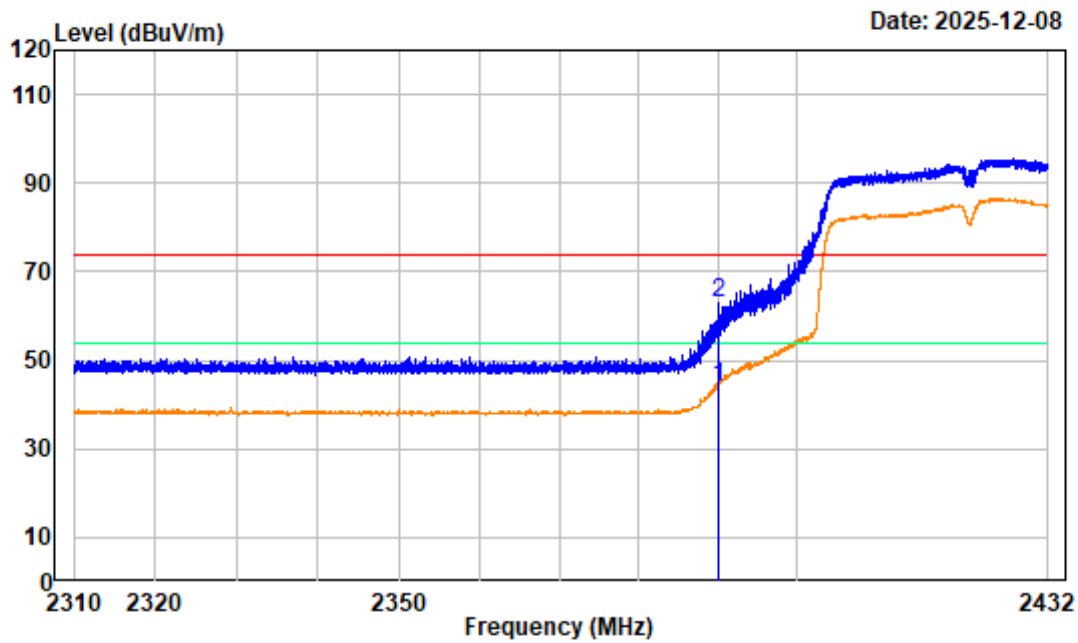
2.4G WIFI 802.11N40 Low Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Low Channel 2422MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4844.125 | -6.64      | 49.58  | 42.94  | 74.00 | -31.06 peak |
| 2           | 7266.625 | -1.24      | 51.91  | 50.67  | 74.00 | -23.33 peak |

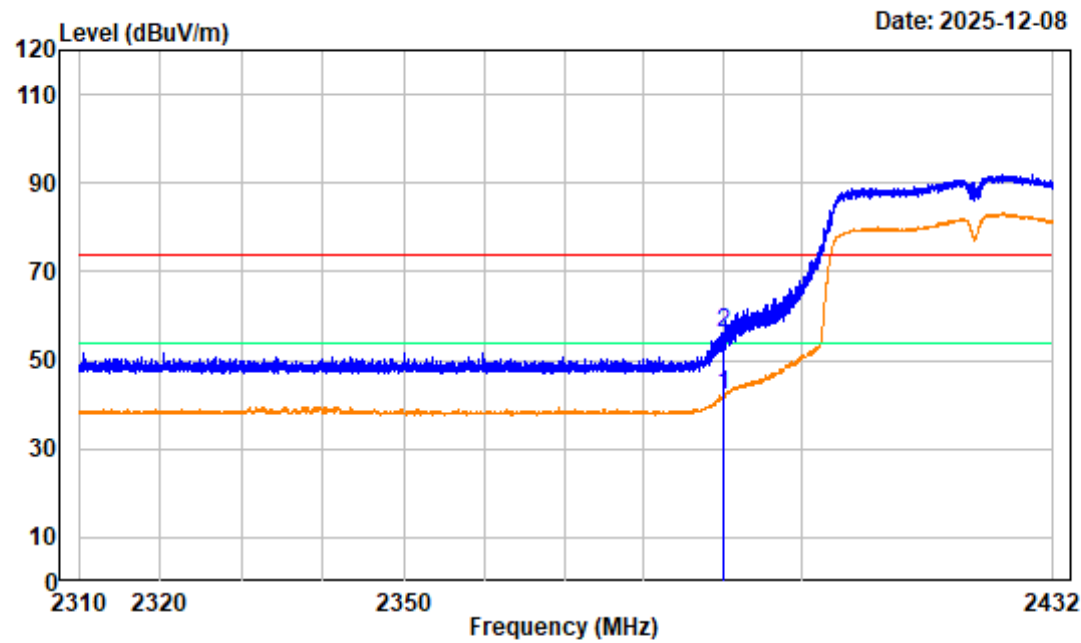
2.4G WIFI 802.11N40 Low Channel Bandedge\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Low Channel 2422MHz Bandedge  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark         |
|-------------|----------|------------|--------|------------|------------|----------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |                |
| 1           | 2390.000 | -10.25     | 54.20  | 43.95      | 54.00      | -10.05 average |
| 2           | 2390.000 | -10.25     | 73.16  | 62.91      | 74.00      | -11.09 peak    |

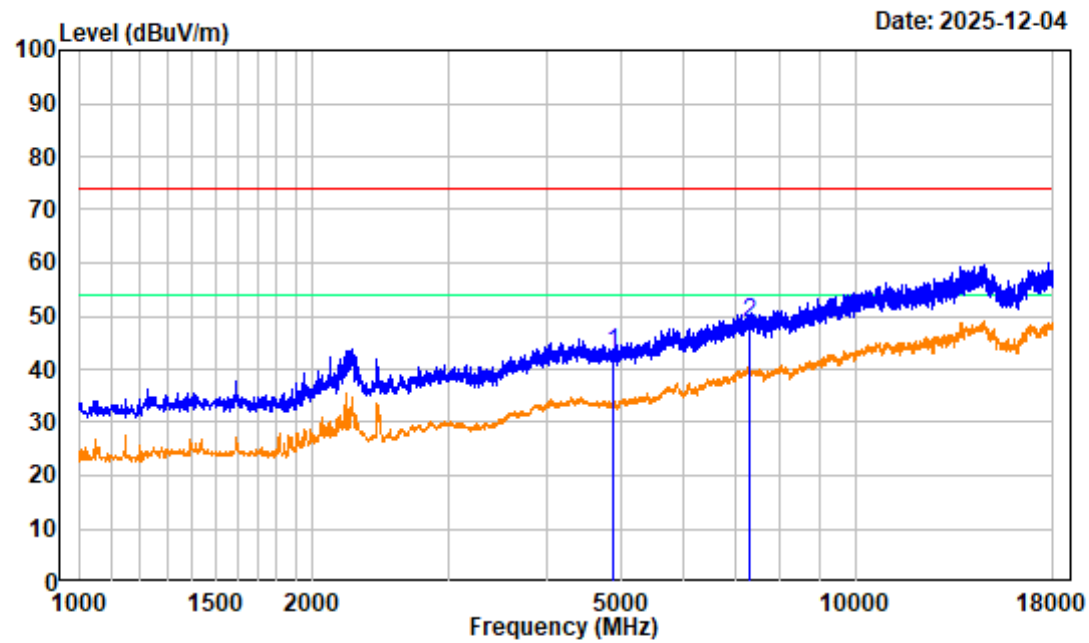
2.4G WIFI 802.11N40 Low Channel Bandedge\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Low Channel 2422MHz Bandedge  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark         |
|-------------|----------|------------|--------|------------|------------|----------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |                |
| 1           | 2390.000 | -10.25     | 52.33  | 42.08      | 54.00      | -11.92 average |
| 2           | 2390.000 | -10.25     | 66.29  | 56.04      | 74.00      | -17.96 peak    |

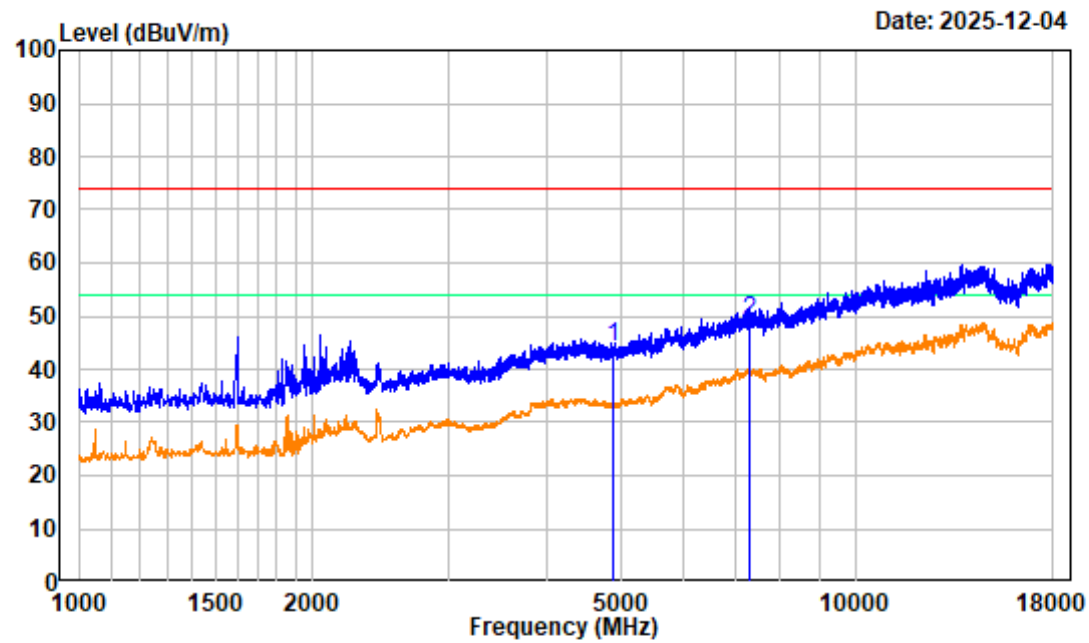
2.4G WIFI 802.11N40 Middle Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4874.000 | -6.58      | 49.67  | 43.09  | 74.00 | -30.91 peak |
| 2           | 7311.000 | -1.12      | 49.71  | 48.59  | 74.00 | -25.41 peak |

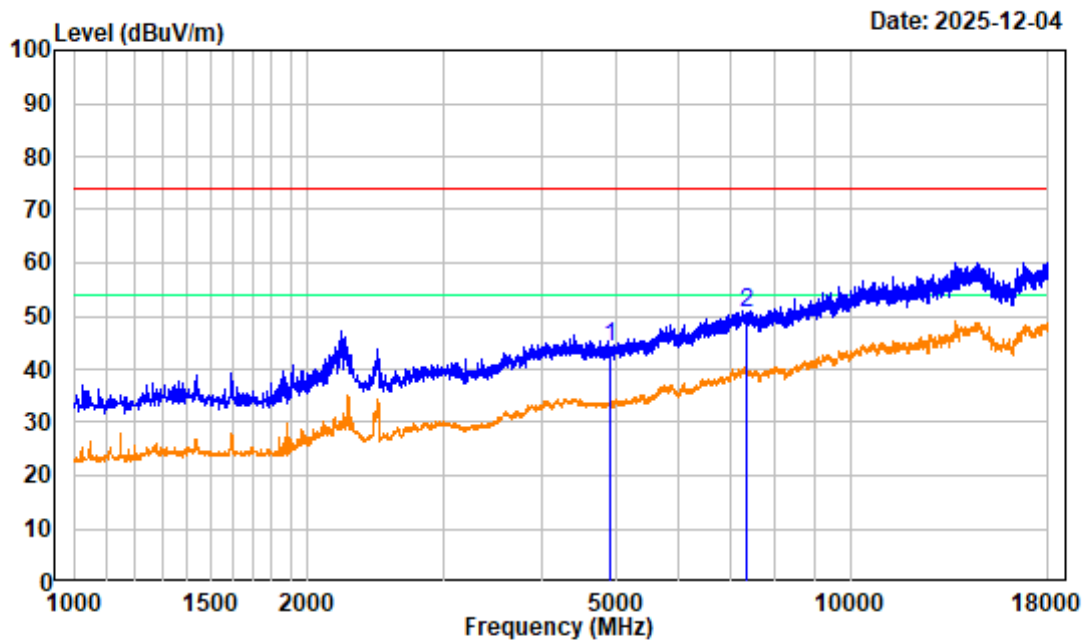
2.4G WIFI 802.11N40 Middle Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 Middle Channel 2437MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4874.000 | -6.58      | 50.61  | 44.03      | 74.00      | -29.97 peak |
| 2           | 7311.000 | -1.12      | 50.17  | 49.05      | 74.00      | -24.95 peak |

2.4G WIFI 802.11N40 High Channel 1GHz-18GHz\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

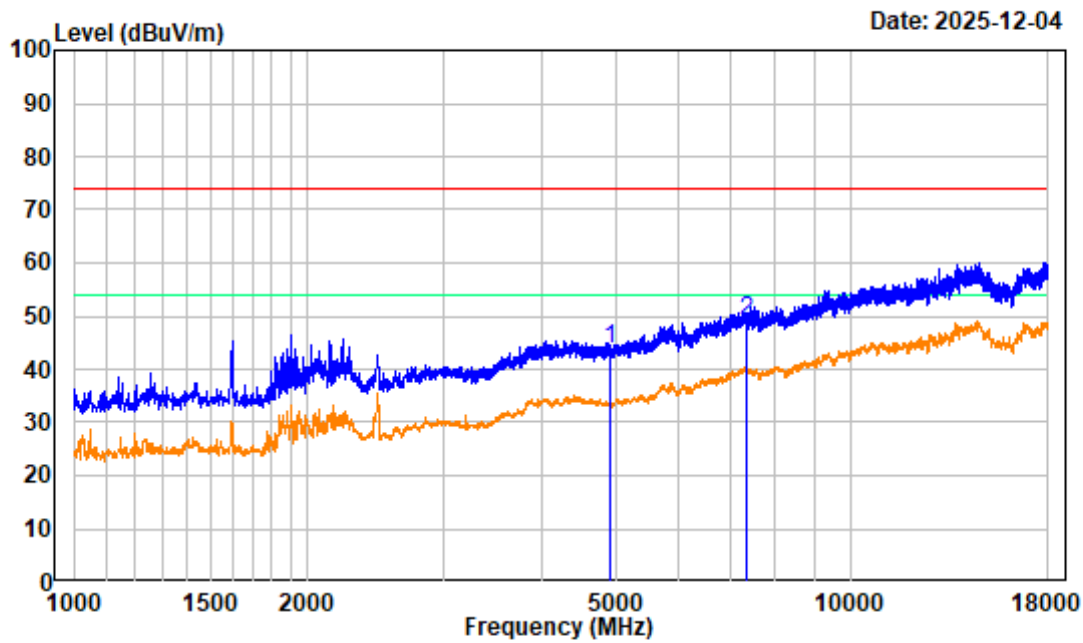
Test Mode : TransmittingTester:Kevin Lv

Note : 2.4G WIFI 802.11N40 High Channel 2452MHz 1GHz-18GHz

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

| Freq Factor |          | Read Level |        | Limit  | Over  | Remark      |
|-------------|----------|------------|--------|--------|-------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m | dB    |             |
| 1           | 4904.000 | -6.52      | 50.76  | 44.24  | 74.00 | -29.76 peak |
| 2           | 7356.000 | -1.26      | 51.79  | 50.53  | 74.00 | -23.47 peak |

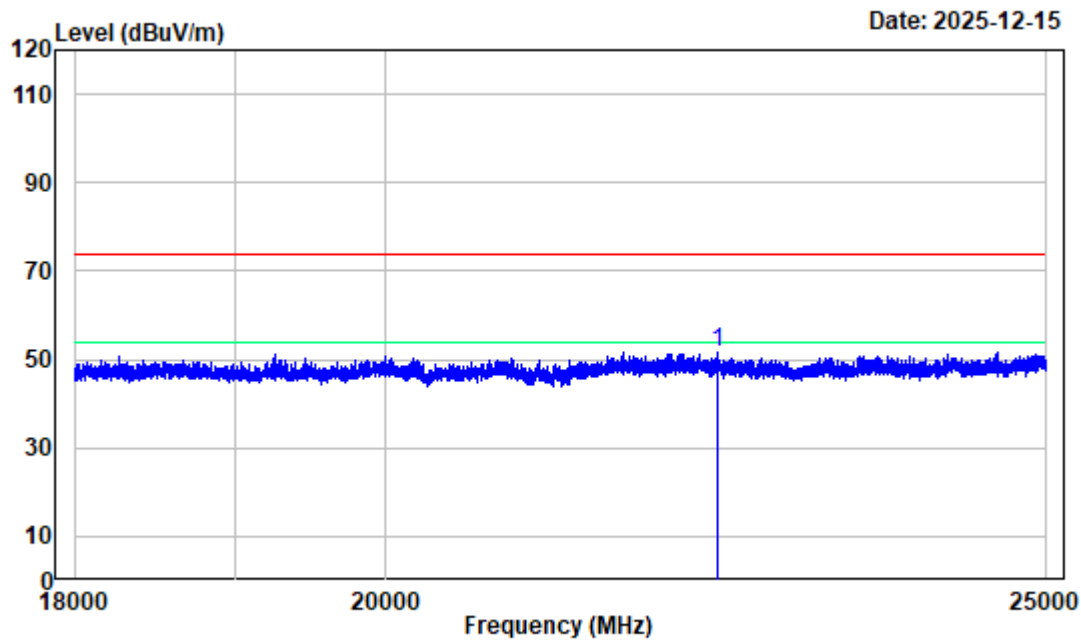
2.4G WIFI 802.11N40 High Channel 1GHz-18GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 High Channel 2452MHz 1GHz-18GHz  
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

| Freq Factor |          | Read Level | Level  | Limit Line | Over Limit | Remark      |
|-------------|----------|------------|--------|------------|------------|-------------|
| MHz         | dB/m     | dBuV       | dBuV/m | dBuV/m     | dB         |             |
| 1           | 4904.000 | -6.52      | 50.33  | 43.81      | 74.00      | -30.19 peak |
| 2           | 7356.000 | -1.26      | 50.36  | 49.10      | 74.00      | -24.90 peak |

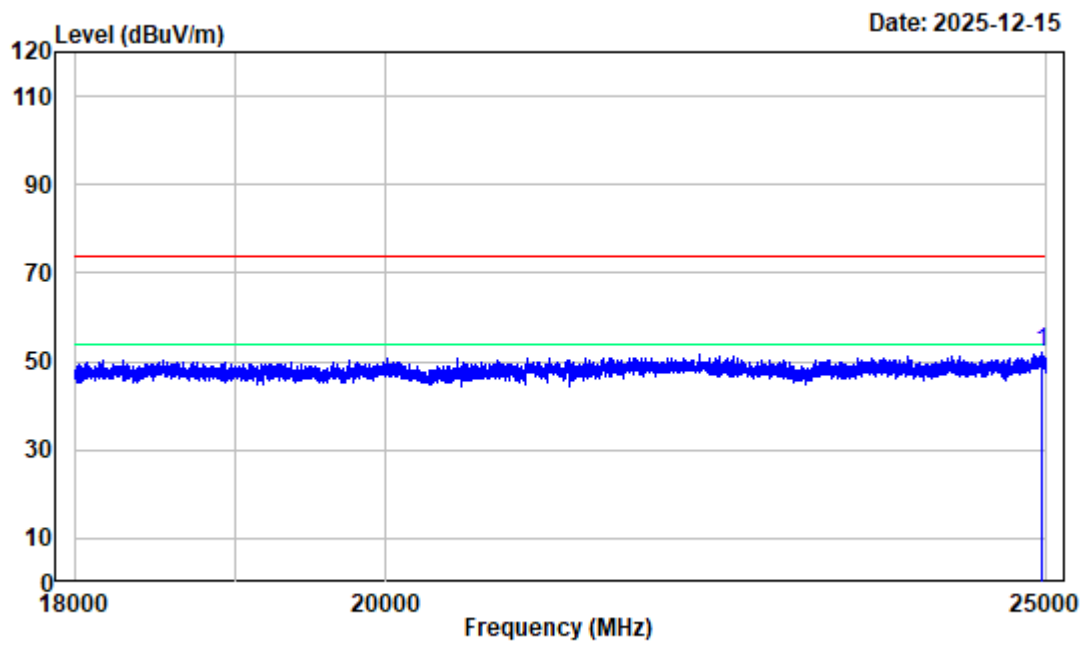
2.4G WIFI 802.11N40 High Channel 18GHz-25GHz\_HORIZONTAL



Site : chamber  
Condition : 3m HORIZONTAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 High Channel 2452MHz 18GHz-25GHz  
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 22376.750 | 0.88 | 50.80      | 51.68  | 74.00      | -22.32     | Peak   |

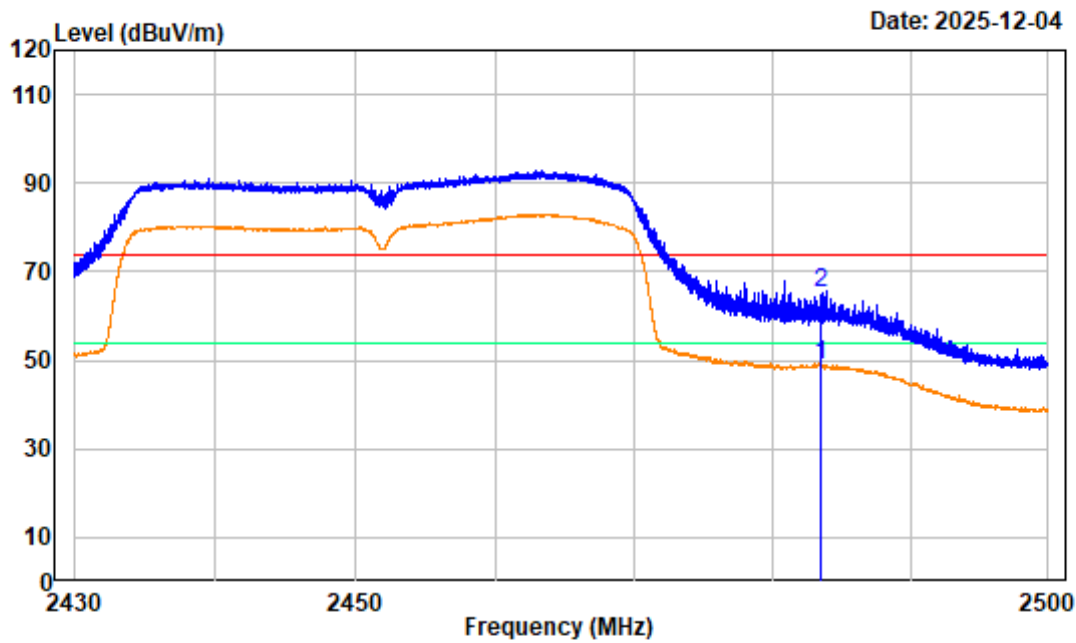
2.4G WIFI 802.11N40 High Channel 18GHz-25GHz\_VERTICAL



Site : chamber  
Condition : 3m VERTICAL  
Project No.: 2504Y26988E-RF  
Test Mode : Transmitting Tester:Kevin Lv  
Note : 2.4G WIFI 802.11N40 High Channel 2452MHz 18GHz-25GHz  
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 24954.500 | 4.23 | 47.63      | 51.86  | 74.00      | -22.14     | Peak   |

2.4G WIFI 802.11N40 High Channel Bandedge\_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Y26988E-RF

Test Mode : Transmitting

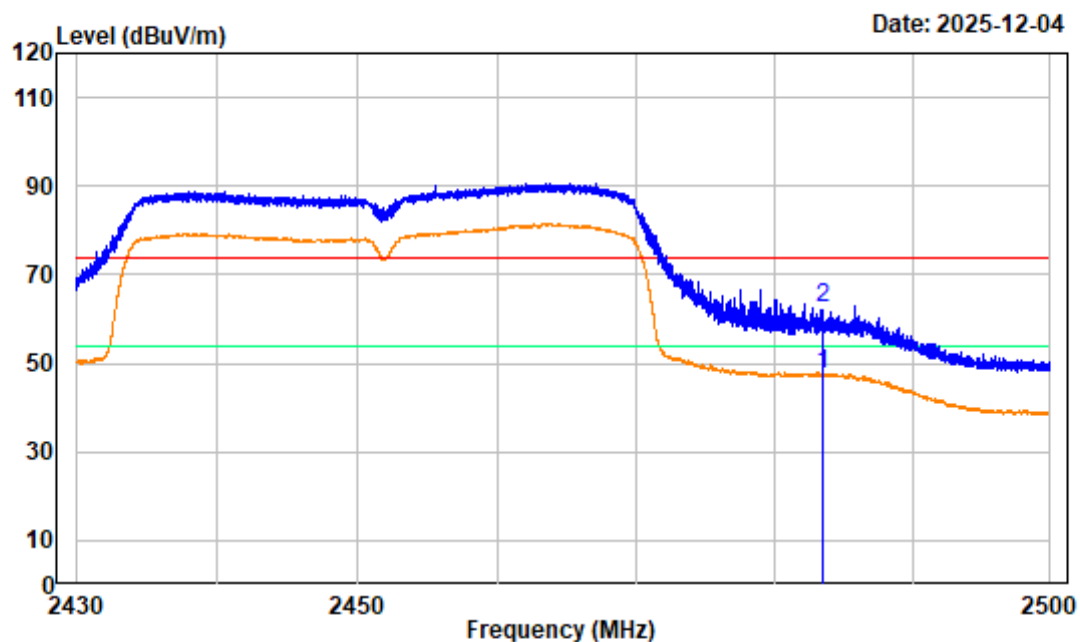
Note : 2.4G WIFI 802.11N40 High Channel 2452MHz Bandedge

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

Tester:Kevin Lv

| Freq Factor |                 | Read Level | Level  | Limit Line | Over Limit | Remark  |
|-------------|-----------------|------------|--------|------------|------------|---------|
| MHz         | dB/m            | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1           | 2483.500 -10.23 | 59.35      | 49.12  | 54.00      | -4.88      | average |
| 2           | 2483.500 -10.23 | 75.39      | 65.16  | 74.00      | -8.84      | peak    |

## 2.4G WIFI 802.11N40 High Channel Bandedge\_VERTICAL



Site : chamber  
 Condition : 3m VERTICAL  
 Project No.: 2504Y26988E-RF  
 Test Mode : Transmitting Tester:Kevin Lv  
 Note : 2.4G WIFI 802.11N40 High Channel 2452MHz Bandedge  
 SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

|   | Freq     | Factor | Read<br>Level | Level  | Limit<br>Line | Over<br>Limit | Remark  |
|---|----------|--------|---------------|--------|---------------|---------------|---------|
|   | MHz      | dB/m   | dBuV          | dBuV/m | dBuV/m        | dB            |         |
| 1 | 2483.500 | -10.23 | 57.68         | 47.45  | 54.00         | -6.55         | average |
| 2 | 2483.500 | -10.23 | 72.65         | 62.42  | 74.00         | -11.58        | peak    |

RF Conducted Test

Test Information:

|             |           |              |              |
|-------------|-----------|--------------|--------------|
| Sample No.: | 3BA3-2    | Test Date:   | 2025/11/15   |
| Test Site:  | RF        | Test Mode:   | Transmitting |
| Tester:     | Cayde Hou | Test Result: | Pass         |

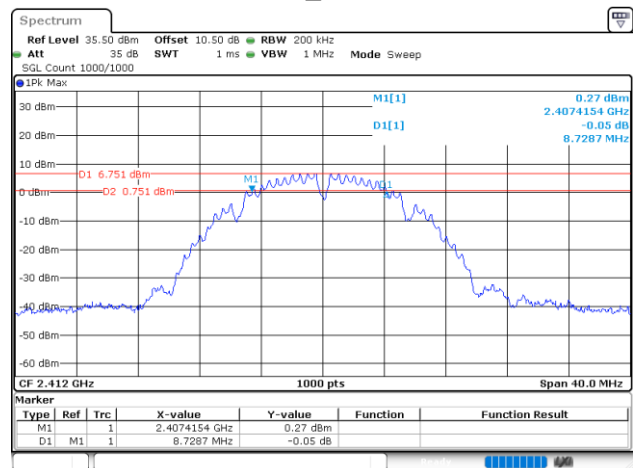
Environmental Conditions:

|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 25.9 | Relative<br>Humidity:<br>(%) | 50 | ATM Pressure:<br>(kPa) | 101.1 |
|----------------------|------|------------------------------|----|------------------------|-------|

**6dB Emission Bandwidth**

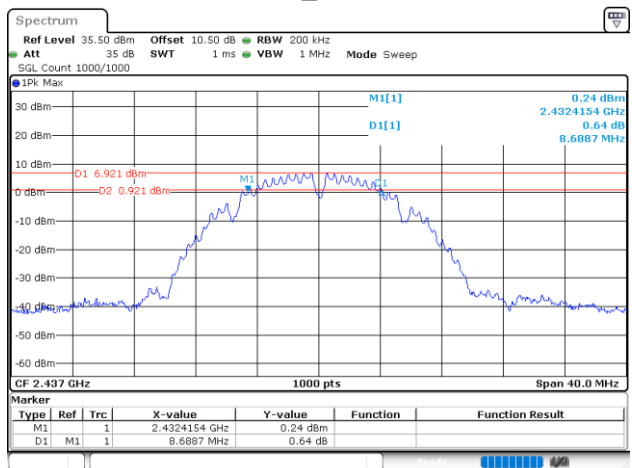
| Mode      | Test Frequency (MHz) | Result (MHz) | Limit (MHz) | Verdict |
|-----------|----------------------|--------------|-------------|---------|
| 802.11b   | 2412                 | 8.729        | ≥0.5        | Pass    |
|           | 2437                 | 8.689        | ≥0.5        | Pass    |
|           | 2462                 | 8.689        | ≥0.5        | Pass    |
| 802.11g   | 2412                 | 16.657       | ≥0.5        | Pass    |
|           | 2437                 | 16.457       | ≥0.5        | Pass    |
|           | 2462                 | 16.457       | ≥0.5        | Pass    |
| 802.11n20 | 2412                 | 17.738       | ≥0.5        | Pass    |
|           | 2437                 | 17.658       | ≥0.5        | Pass    |
|           | 2462                 | 17.698       | ≥0.5        | Pass    |
| 802.11n40 | 2422                 | 35.796       | ≥0.5        | Pass    |
|           | 2437                 | 35.155       | ≥0.5        | Pass    |
|           | 2452                 | 36.276       | ≥0.5        | Pass    |

802.11b\_2412MHz



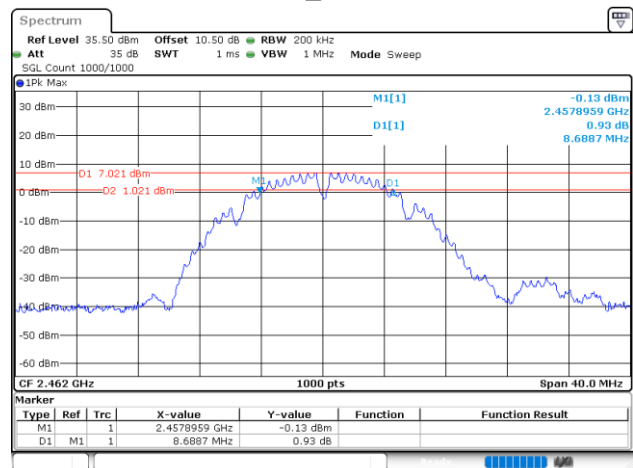
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:13:09

802.11b\_2437MHz



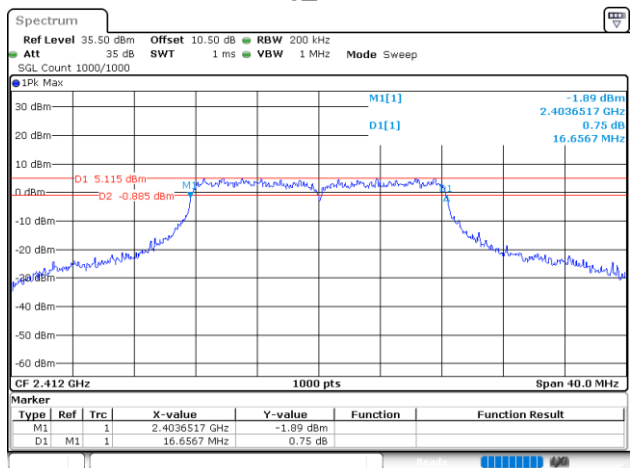
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:21:34

802.11b\_2462MHz



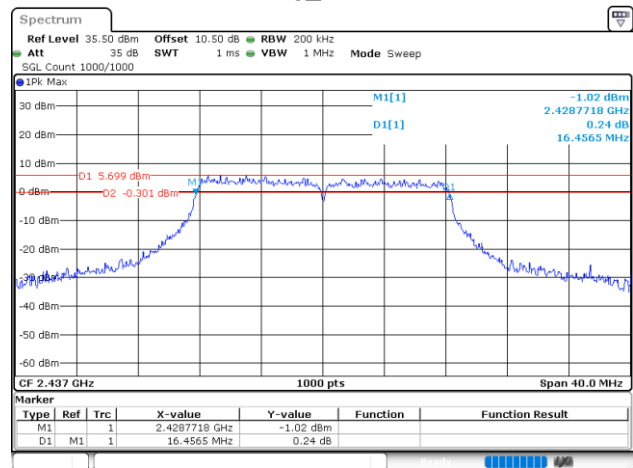
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Date: 15.NOV.2025 14:27:14

802.11g\_2412MHz



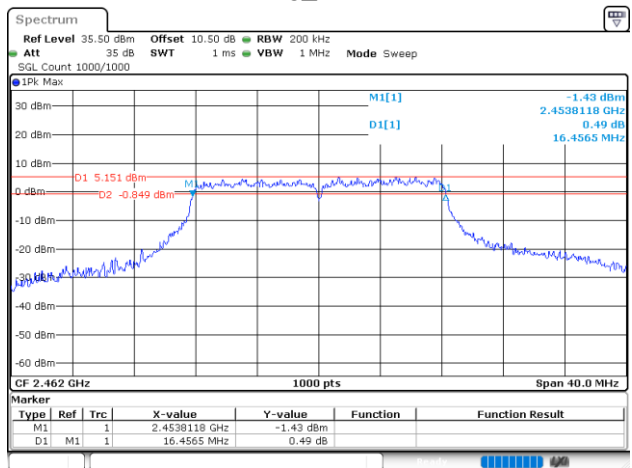
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Date: 15.NOV.2025 14:38:31

802.11g\_2437MHz



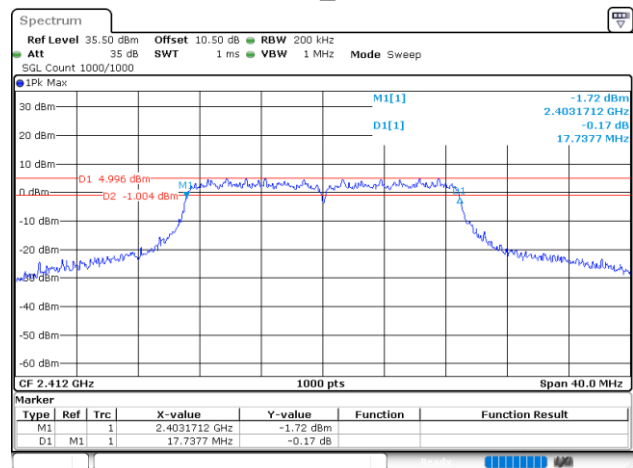
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:43:05

802.11g\_2462MHz



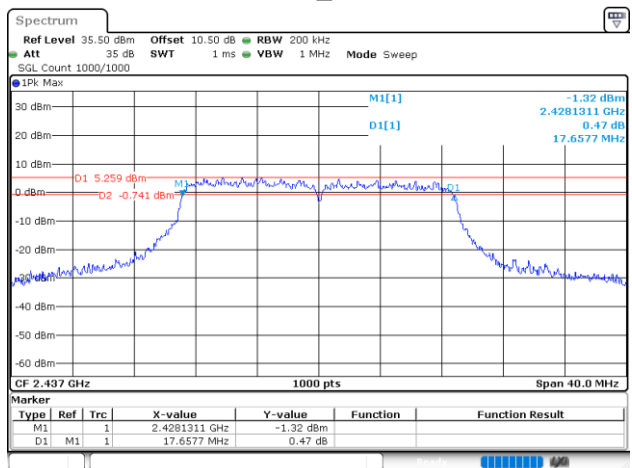
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:50:12

802.11n20\_2412MHz



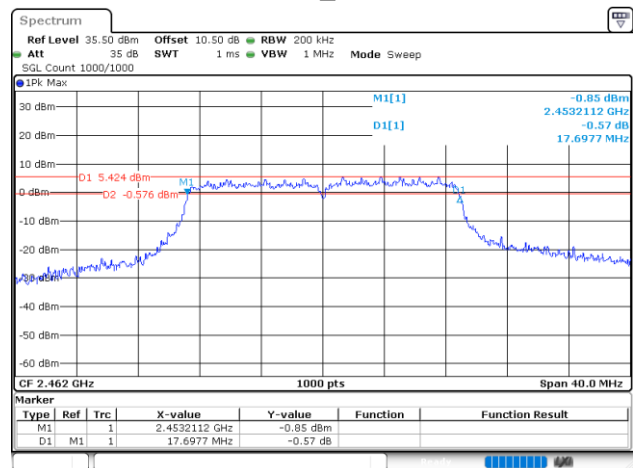
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Date: 15.NOV.2025 14:55:50

802.11n20\_2437MHz



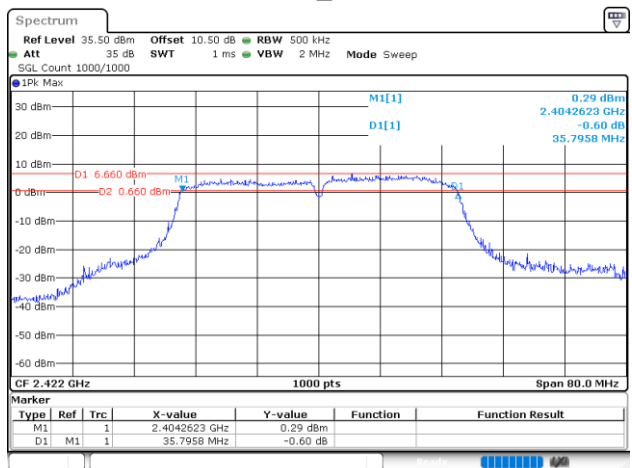
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 15:00:35

802.11n20\_2462MHz



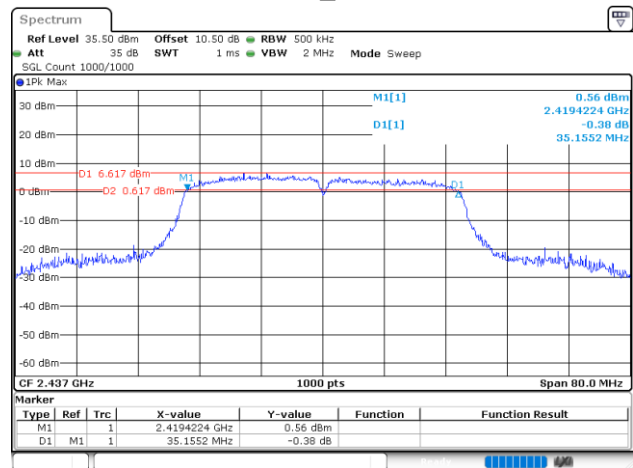
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 15:05:33

802.11n40\_2422MHz



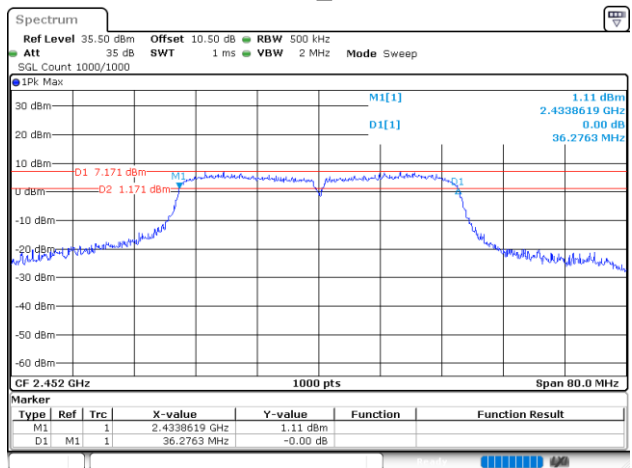
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 15:17:28

802.11n40\_2437MHz



ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 15:25:08

802.11n40\_2452MHz



ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 15:35:26

**Spot Check with Maximum Conducted Output Power**

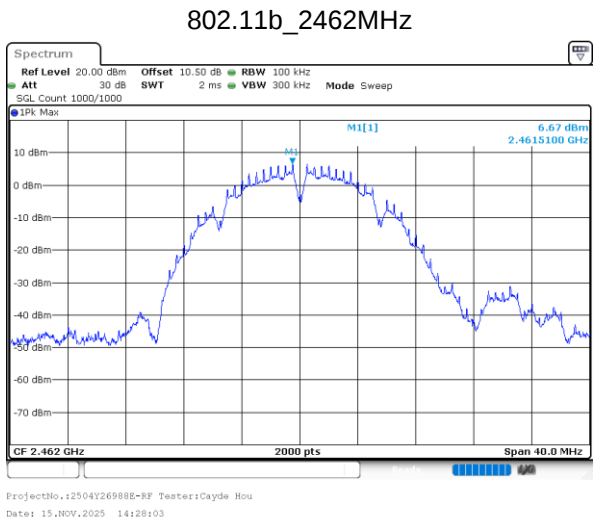
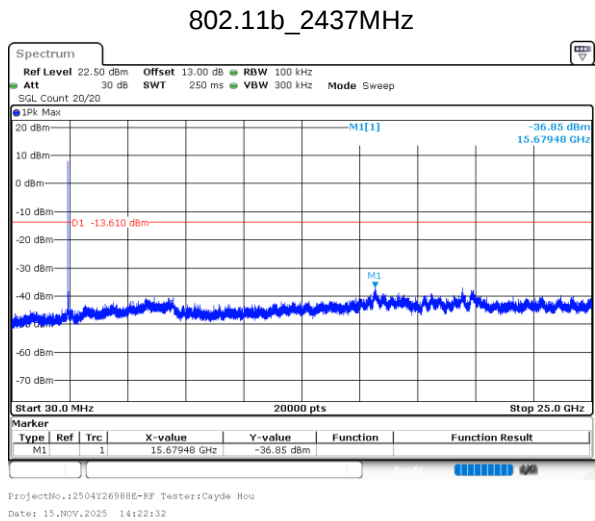
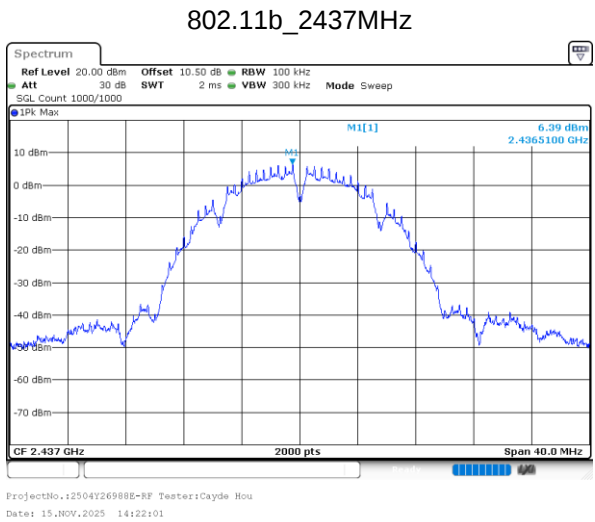
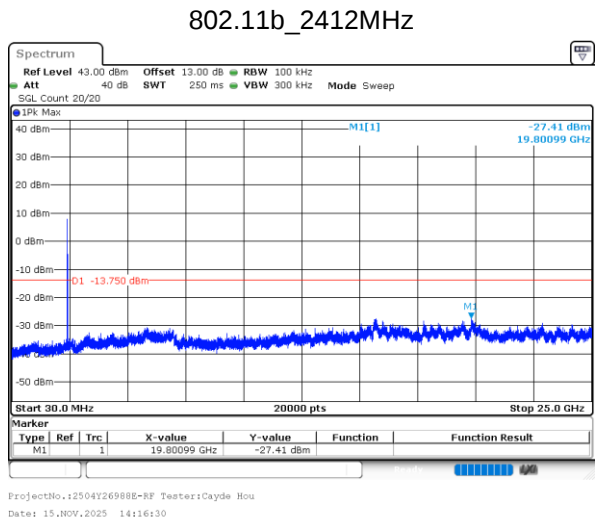
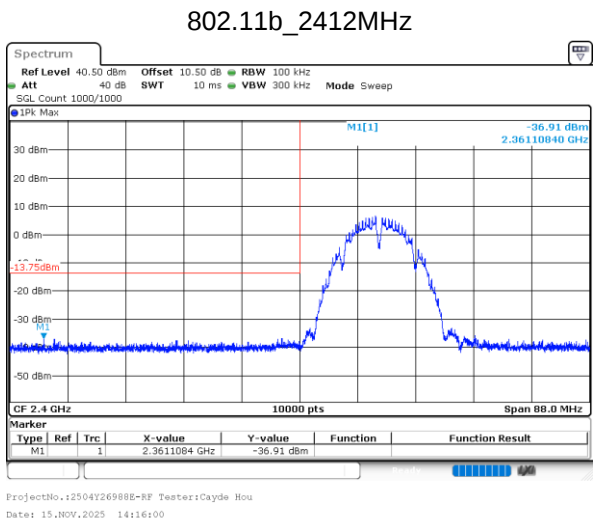
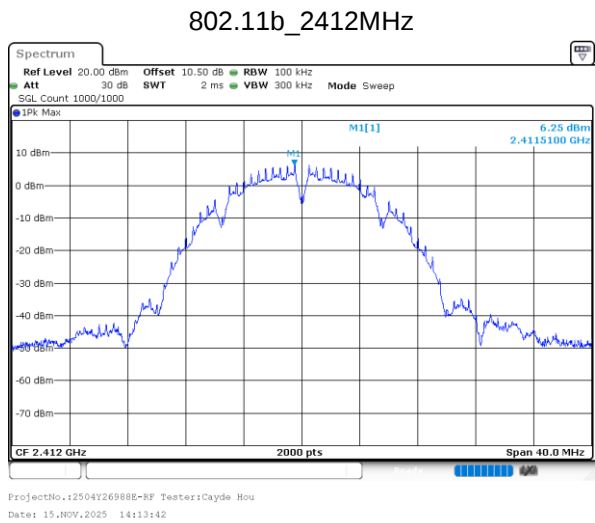
| Mode      | Test Frequency (MHz) | Peak Output Power(dBm) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|-----------|----------------------|------------------------|---------------------------|-------------|---------|
| 802.11n40 | 2422                 | 21.67                  | 13.00                     | 30          | Pass    |
|           | 2437                 | 21.75                  | 13.21                     | 30          | Pass    |
|           | 2452                 | 22.09                  | 13.82                     | 30          | Pass    |

Note 1: The antenna gain is 0.43dBi<sup>#</sup>.

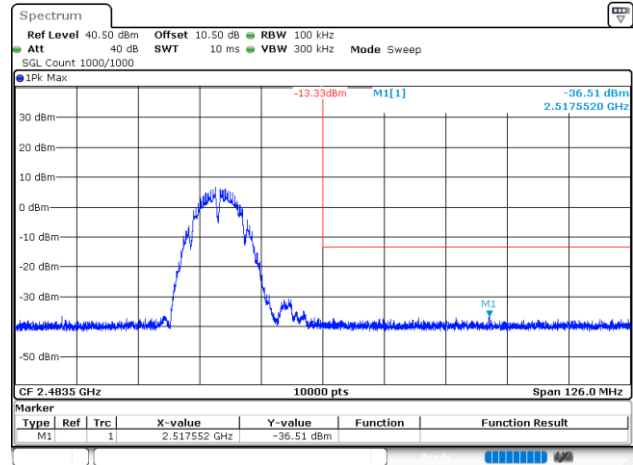
Note 2: EIRP = Conducted Output Power + Antenna Gain

Note 3: The maximum EIRP is 22.09dBm+0.43dBi= 22.52dBm <36dBm, so it's compliance with ISERC EIRP limit.

Conducted Spurious Emission

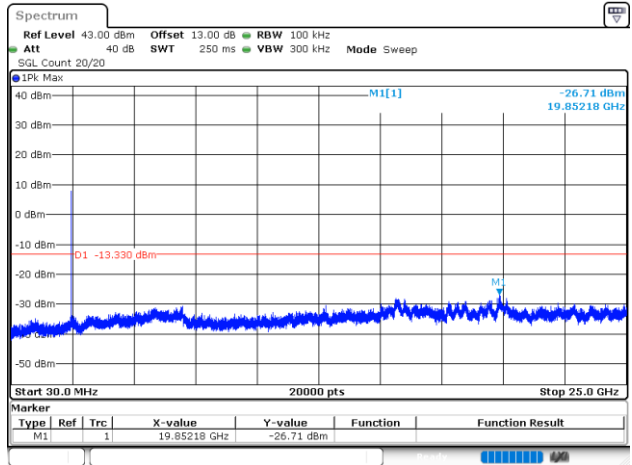


802.11b\_2462MHz



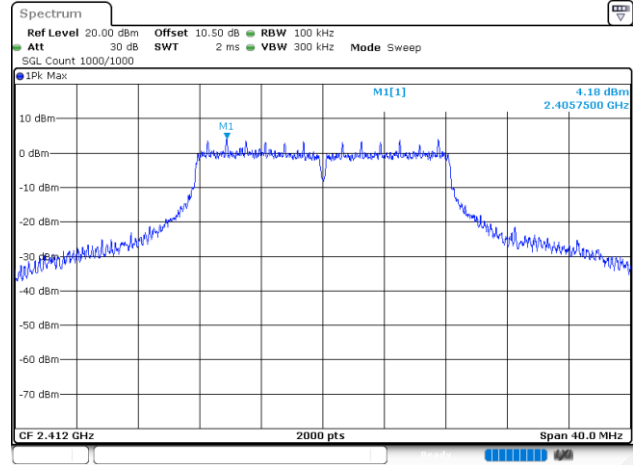
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:28:25

802.11b\_2462MHz



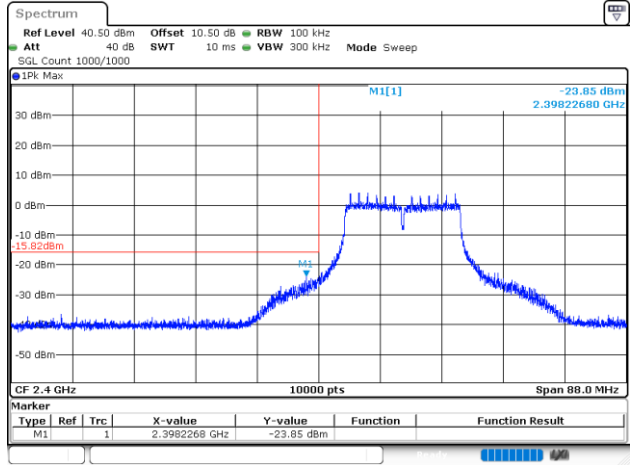
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:28:55

802.11g\_2412MHz



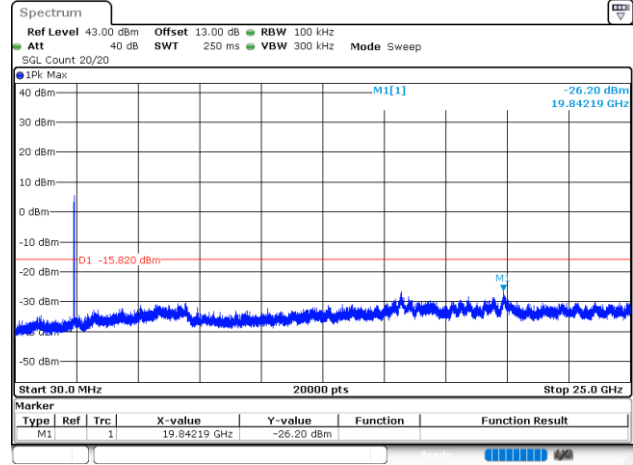
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Date: 15.NOV.2025 14:39:05

802.11g\_2412MHz



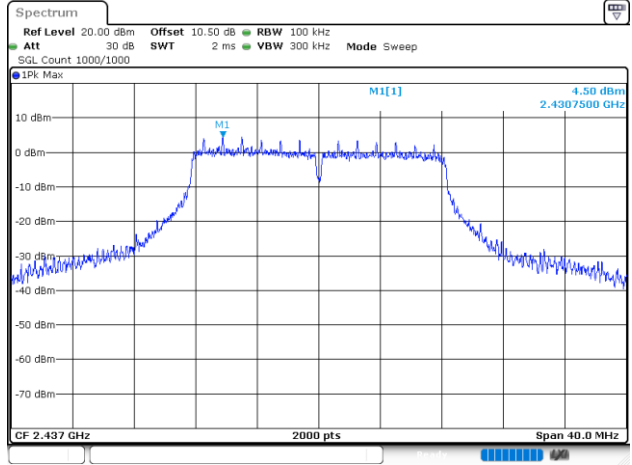
ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:39:28

802.11g\_2412MHz



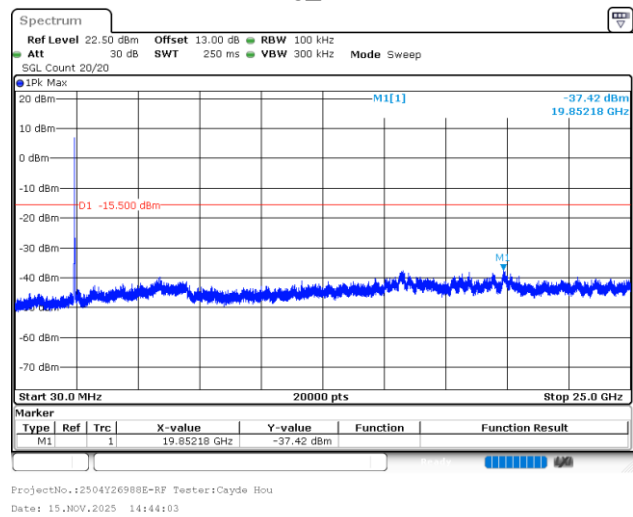
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Date: 15.NOV.2025 14:39:58

802.11g\_2437MHz

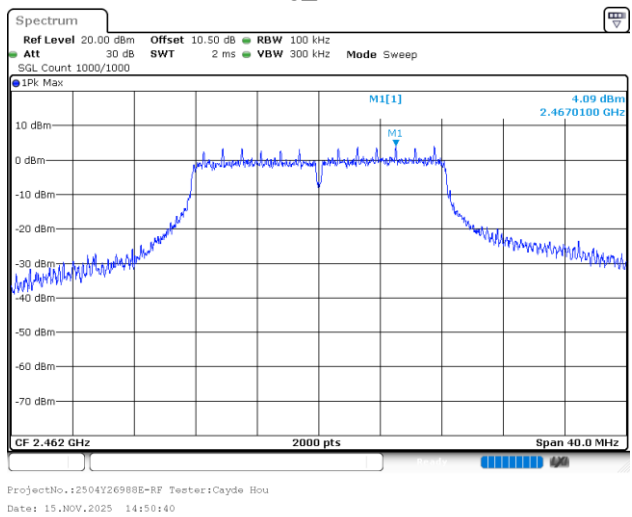


ProjectNo.:2504Y26988E-RF Tester:Cayde Hou  
Date: 15.NOV.2025 14:43:32

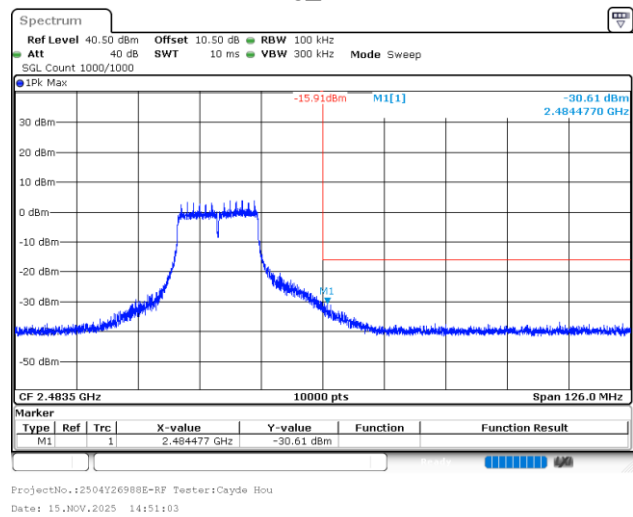
802.11g\_2437MHz



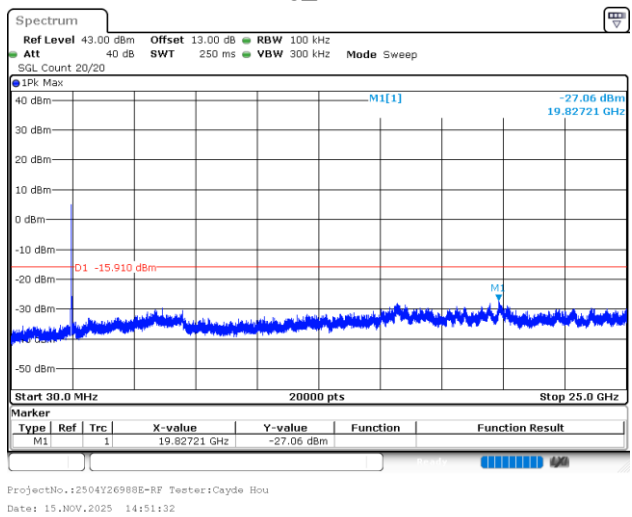
802.11g\_2462MHz



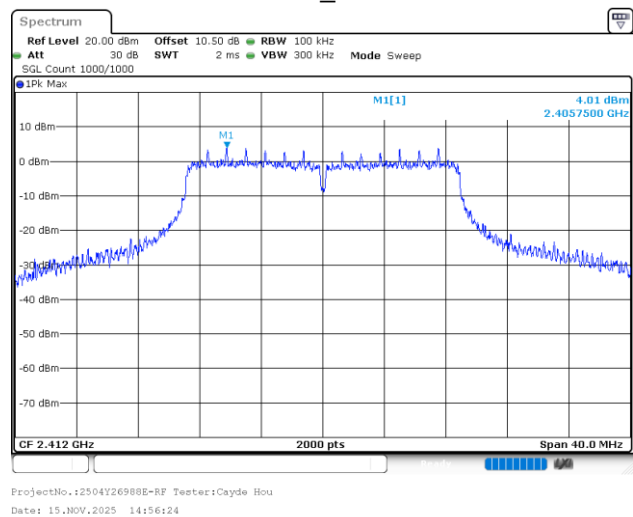
802.11g\_2462MHz



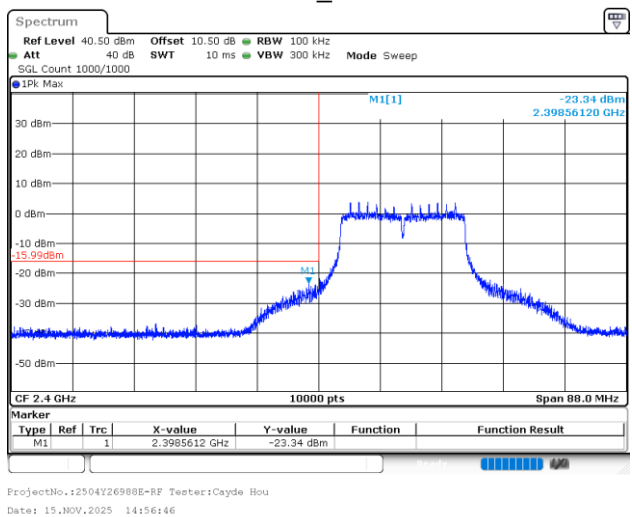
802.11g\_2462MHz



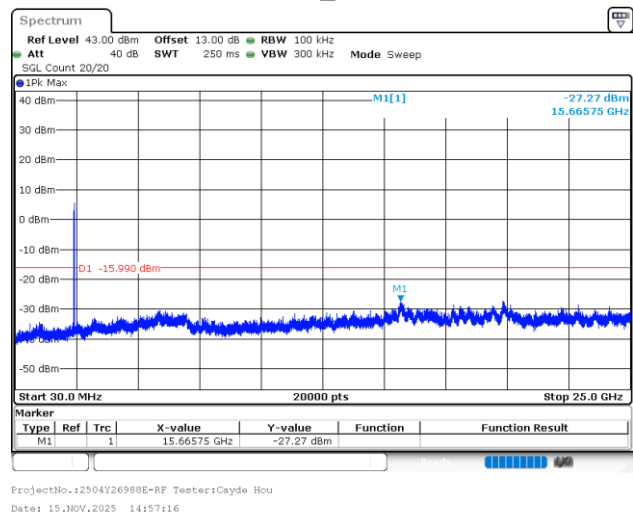
802.11n20\_2412MHz



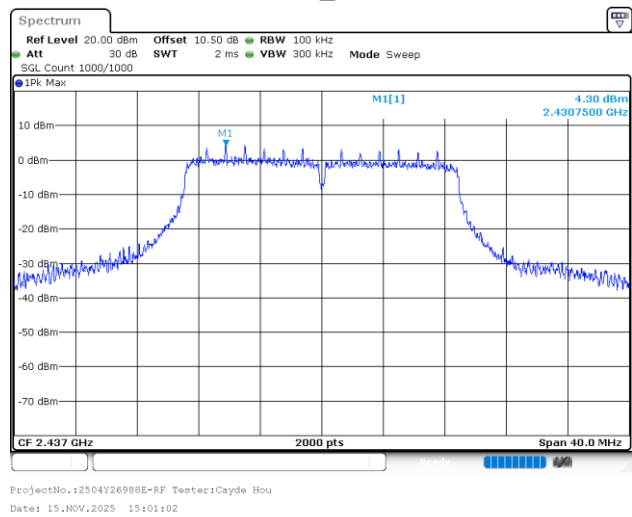
802.11n20\_2412MHz



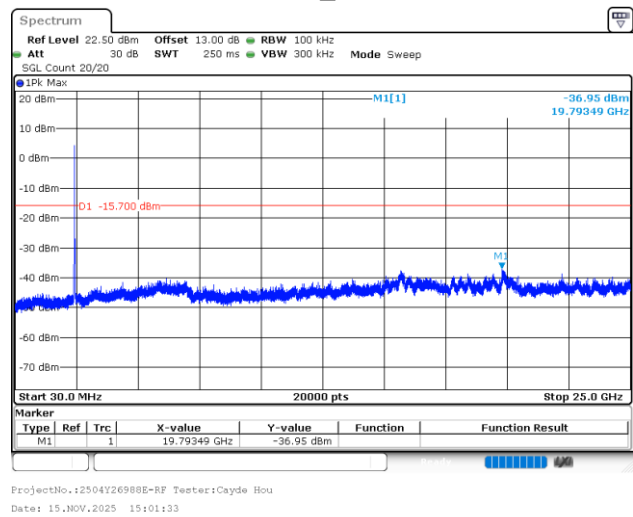
802.11n20\_2412MHz



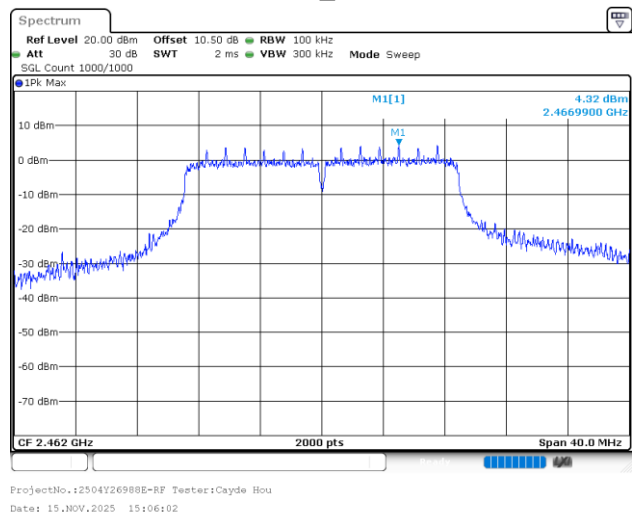
802.11n20\_2437MHz



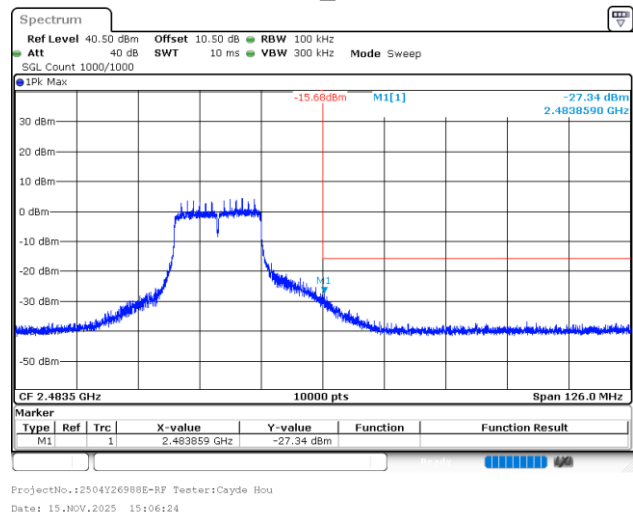
802.11n20\_2437MHz



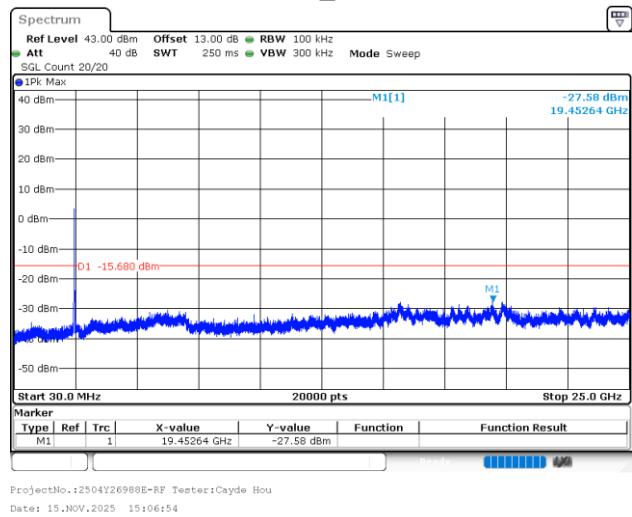
802.11n20\_2462MHz



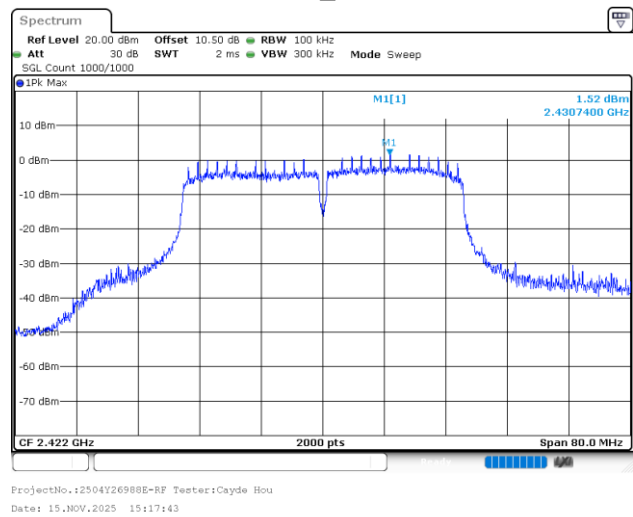
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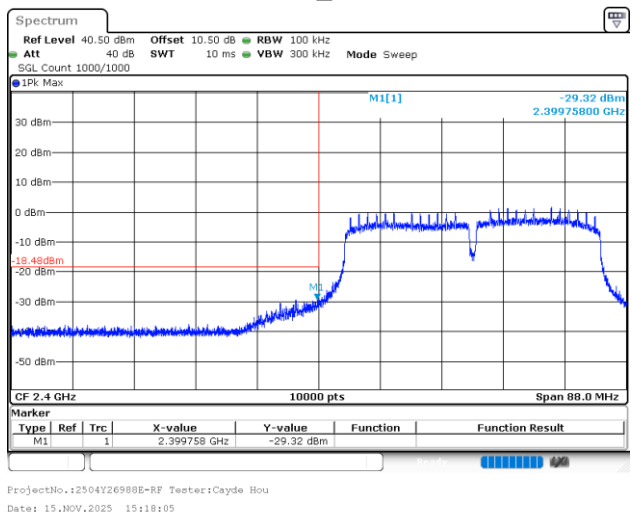
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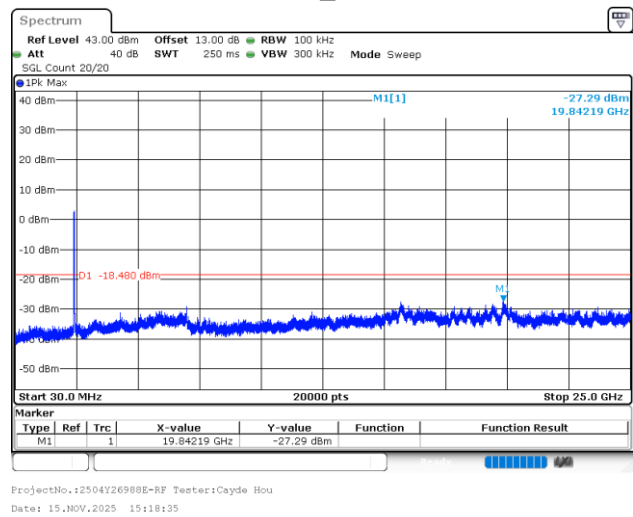
802.11n40\_2422MHz



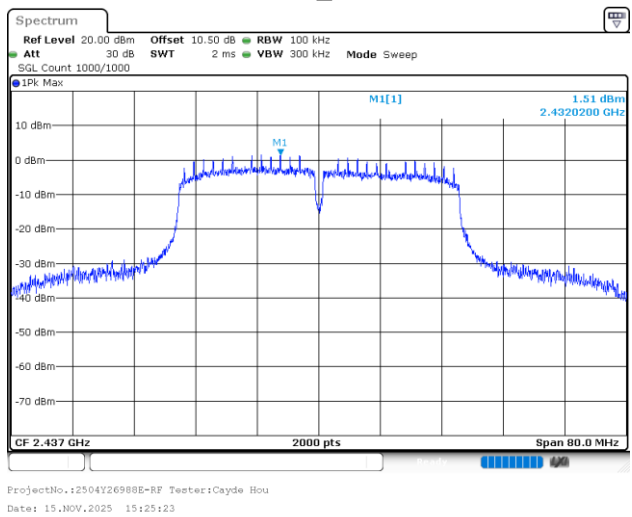
802.11n40\_2422MHz



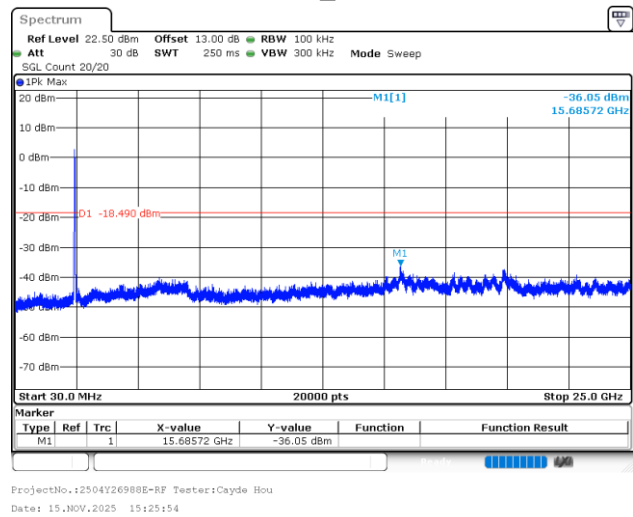
802.11n40\_2422MHz



802.11n40\_2437MHz



802.11n40\_2437MHz



802.11n40\_2452MHz

