

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR FCC ID: 2BNM4TURBOXC865C

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Rev.: 00

# RADIO TEST REPORT

## FCC 47 CFR PART 15 SUBPART C (CLASS II PERMISSIVE CHANGE)

|                          |                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Standard            | FCC Part 15.247                                                                                                                                     |
| Product name             | Smart Module                                                                                                                                        |
| Brand Name               | <b>STORZ</b><br>KARL STORZ—ENDOSKOPE                                                                                                                |
| Model No.                | C865C                                                                                                                                               |
| Test Result              | Pass                                                                                                                                                |
| Statements of Conformity | Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty. |

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10-2020 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report.

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory)

Approved by:



Shawn Wu  
Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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### **Revision History**

| Rev. | Issue Date    | Revisions     | Effect Page | Revised By |
|------|---------------|---------------|-------------|------------|
| 00   | June 15, 2026 | Initial Issue | ALL         | Peggy Tsai |

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## 1. GENERAL INFORMATION

### 1.1 EUT INFORMATION

|                               |                                                                                                                                                                                                                                                                                                |                   |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Applicant</b>              | KARL STORZ SE & Co. KG<br>Dr.-Karl-Storz-Strasse 34, 78532 Tuttlingen, Germany                                                                                                                                                                                                                 |                   |
| <b>Manufacturer</b>           | CYPRESS TECHNOLOGY CO., LTD. ZHONGHE PLANT 3<br>4F., No. 156, Jiankang Rd, Zhonghe Dist, New Taipei City 235603,<br>Taiwan(R.O.C)                                                                                                                                                              |                   |
| <b>Equipment</b>              | Smart Module                                                                                                                                                                                                                                                                                   |                   |
| <b>Brand Name</b>             | <br><b>KARL STORZ – ENDOSKOPE</b>                                                                                                                                                                             |                   |
| <b>Model Name</b>             | C865C                                                                                                                                                                                                                                                                                          |                   |
| <b>Model Discrepancy</b>      | N/A                                                                                                                                                                                                                                                                                            |                   |
| <b>Host Equipment</b>         | OR1 Control Tablet 11"                                                                                                                                                                                                                                                                         |                   |
| <b>Host model</b>             | WM400 OR1 Control Tablet 11",<br>WM40000 OR1 Control Tablet Interface Extension,<br>WM40002 OR1 Control Tablet Mounting Sleeve                                                                                                                                                                 |                   |
| <b>Host Model Discrepancy</b> | <b>Name</b>                                                                                                                                                                                                                                                                                    | <b>Difference</b> |
|                               | WM400 OR1 Control Tablet 11"                                                                                                                                                                                                                                                                   | Tablet            |
|                               | WM40000 OR1 Control Tablet Interface Extension                                                                                                                                                                                                                                                 | Extension Box     |
|                               | WM40002 OR1 Control Tablet Mounting Sleeve                                                                                                                                                                                                                                                     | Sleeve            |
| <b>Received Date</b>          | March 31, 2025                                                                                                                                                                                                                                                                                 |                   |
| <b>Date of Test</b>           | May 7 ~ August 5, 2025                                                                                                                                                                                                                                                                         |                   |
| <b>Power Supply</b>           | 1. Power from Host System (DC 3.6V)<br>2. Power from Adapter.<br>ELJINTEK / GMPD451-1C<br>I/P: 100-240Vac, 50/60Hz, 0.4-1.2A<br>O/P: 5Vdc, 3A ; 9Vdc, 3A ; 12Vdc, 3A ; 15Vdc, 3A ;<br>20Vdc, 2.25A, 45W MAX<br>3. Power from Battery.<br>APack / BAT-1-00387-CCS-01<br>Rating: 4.2Vdc, 8080mAh |                   |

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Class II<br/>Permissive<br/>Change</b></p> | <ol style="list-style-type: none"> <li>1. The product was originally granted by the FCC on 06/11/2026 under FCC ID: 2BNM4TURBOXC865C. The purpose of this Class II Permissive Change application is to allow integration of the certified module (FCC ID: 2BNM4TURBOXC865C) into the OR1 Control Tablet (Model: WM400 OR1 Control Tablet 11”), which is classified as a portable host device. The module integrated in the host platform remains electronically and mechanically identical to the originally certified module, and the software security features remain unchanged.</li> <li>2. The RF output power has been reduced in order to comply with SAR requirements.</li> <li>3. The antenna type has been changed. As a result of this change, a complete Radiated Spurious Emissions (RSE) evaluation has been performed to ensure continued compliance with FCC requirements.</li> </ol> |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Remark:**

1. For more details, please refer to the User’s manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

## 1.2 EUT CHANNEL INFORMATION

|                   |                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range   | 802.11b/g/n HT 20: 2412 MHz ~ 2462 MHz<br>802.11n HT 40: 2422 MHz ~ 2452 MHz<br>802.11ax HE 20: 2412 MHz ~ 2462 MHz<br>802.11ax HE 40: 2422 MHz ~ 2452 MHz                                                                                                             |
| Modulation Type   | 1. IEEE 802.11b mode: CCK<br>2. IEEE 802.11g mode: OFDM<br>3. IEEE 802.11n HT 20 MHz mode : OFDM<br>4. IEEE 802.11n HT 40 MHz mode : OFDM<br>5. IEEE 802.11ax HE 20 MHz mode : OFDMA<br>6. IEEE 802.11ax HE 40 MHz mode : OFDMA                                        |
| Number of channel | 1. IEEE 802.11b mode: 11 Channels<br>2. IEEE 802.11g mode: 11 Channels<br>3. IEEE 802.11n HT 20 MHz mode : 11 Channels<br>4. IEEE 802.11n HT 40 MHz mode : 7 Channels<br>5. IEEE 802.11ax HE 20 MHz mode : 11 Channels<br>6. IEEE 802.11ax HE 40 MHz mode : 7 Channels |

### Remark:

Refer as ANSI C63.10-2020 for test channels

| Number of frequencies to be tested                   |                       |                                              |
|------------------------------------------------------|-----------------------|----------------------------------------------|
| Frequency range in which device operates             | Number of frequencies | Location in frequency range of operation     |
| <input type="checkbox"/> 1 MHz or less               | 1                     | Middle                                       |
| <input type="checkbox"/> 1 MHz to 10 MHz             | 2                     | 1 near top and 1 near bottom                 |
| <input checked="" type="checkbox"/> More than 10 MHz | 3                     | 1 near top, 1 near middle, and 1 near bottom |

## 1.3 ANTENNA INFORMATION

|                       |                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Specification | <input checked="" type="checkbox"/> PIFA <input type="checkbox"/> PCB <input type="checkbox"/> Dipole <input type="checkbox"/> Coils |
| Antenna Gain          | Chain 0: Gain: 3.19 dBi<br>Chain 1: Gain: 1.98 dBi<br>Direction gain: Gain: 5.62 dBi                                                 |
| Brand / Model         | Chain 0: ARISTOTLE / RFA-25-JP267-4B-150<br>Chain 1: ARISTOTLE / RFA-25-JP812-4G-150                                                 |

### Notes:

1. The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203.

## 1.4 MEASUREMENT UNCERTAINTY

| PARAMETER                                    | UNCERTAINTY    |
|----------------------------------------------|----------------|
| AC Powerline Conducted Emission              | $\pm 2.213$ dB |
| RF output power (Power Meter + Power sensor) | $\pm 0.243$ dB |
| Radiated Emission_9kHz-30MHz                 | $\pm 3.761$ dB |
| Radiated Emission_30MHz-200MHz               | $\pm 3.473$ dB |
| Radiated Emission_200MHz-1GHz                | $\pm 3.946$ dB |
| Radiated Emission_1GHz-6GHz                  | $\pm 4.797$ dB |
| Radiated Emission_6GHz-18GHz                 | $\pm 4.803$ dB |
| Radiated Emission_18GHz-26GHz                | $\pm 3.459$ dB |
| Radiated Emission_26GHz-40GHz                | $\pm 3.297$ dB |

**Remark:**

- 1.This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.

## 1.5 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

CAB identifier: TW1309

| Test site          | Test Engineer       | Remark |
|--------------------|---------------------|--------|
| AC Conduction Room | David Li            | -      |
| Radiation          | Ben Yang 、Tony Chao | -      |
| RF Conducted       | David Li            | -      |

**Remark:** The lab has been recognized as the FCC accredited lab. under the KDB 974614 D01 and is listed in the FCC public Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309

## 1.6 INSTRUMENT CALIBRATION

| Conducted_FCC/IC/NCC (All) |                             |            |               |                          |                          |
|----------------------------|-----------------------------|------------|---------------|--------------------------|--------------------------|
| Name of Equipment          | Manufacturer                | Model      | Serial Number | Calibration Date         | Calibration Due          |
| PXA Signal Analyzer        | Keysight                    | N9030B     | MY62291089    | 2024-10-04               | 2025-10-03               |
| EXA Signal Analyzer        | Keysight                    | N9010A     | MY53400256    | 2024-11-19               | 2025-11-18               |
| Power Sensor               | Anritsu                     | MA2411B    | 1911387       | 2024-08-30               | 2025-08-29               |
| Power Sensor               | Anritsu                     | MA2411B    | 1911386       | 2024-07-19<br>2025-07-07 | 2025-07-18<br>2026-07-06 |
| Power Meter                | Anritsu                     | ML2496A    | 2136002       | 2024-07-19<br>2025-07-07 | 2025-07-18<br>2026-07-06 |
| DC Blocks                  | Marvelous Microwave         | MVE6411    | MVE-001       | 2024-08-08               | 2025-08-07               |
| Attenuator                 | Marvelous Microwave Inc     | MVE2213-10 | 08            | 2024-11-07               | 2025-11-06               |
| Software                   | Radio Test Software Ver. 21 |            |               |                          |                          |

| AC Mains Conduction |               |                           |               |                  |                 |
|---------------------|---------------|---------------------------|---------------|------------------|-----------------|
| Name of Equipment   | Manufacturer  | Model                     | Serial Number | Calibration Date | Calibration Due |
| EMI Test Receiver   | R&S           | ESCI                      | 100064        | 2025-06-02       | 2026-06-01      |
| LISN                | TESEQ         | LN2-16N                   | 22012         | 2025-02-23       | 2026-02-22      |
| Cable               | Woken         | RFC-SMA-100-NMR-084SFL402 | MFR-2Y194     | 2025-03-21       | 2026-03-20      |
| Software            | e3 V9-210616c |                           |               |                  |                 |

### Remark:

- Each piece of equipment is scheduled for calibration once a year.
- N.C.R. = No Calibration Required.

| 966A_Radiated       |                 |                    |                      |                  |                 |
|---------------------|-----------------|--------------------|----------------------|------------------|-----------------|
| Name of Equipment   | Manufacturer    | Model              | Serial Number        | Calibration Date | Calibration Due |
| Signal Analyzer     | KEYSIGHT        | N9010A             | MY52220817           | 2025-03-05       | 2026-03-04      |
| Active Loop Antenna | COM-POWER       | AL-130             | 121051               | 2025-02-18       | 2026-02-17      |
| Thermo-Hygro Meter  | HTC             | HTC-1              | HTC-D06              | 2025-05-26       | 2026-05-25      |
| Bi-Log Antenna      | Sunol Sciences  | JB3                | A030105&532          | 2025-06-26       | 2026-06-25      |
| Preamplifier        | EMEC            | EM330              | 060609               | 2025-02-20       | 2026-02-19      |
| Cable               | Huber+Suhner    | 104PEA             | 20995+21000+182330   | 2024-08-07       | 2025-08-06      |
| Horn Antenna        | ETC             | MCTD 1209          | DRH13M02003          | 2024-12-20       | 2025-12-19      |
| Preamplifier        | HP              | 8449B              | 3008A00965           | 2024-12-18       | 2025-12-17      |
| Cable               | EMCI            | EMC101G            | 221012+230205+250412 | 2025-04-24       | 2026-04-23      |
| Attenuator          | Mini-Circuits   | BW-S9W5            | BWS9W5-09-966A-01    | 2025-02-06       | 2026-02-05      |
| Site Validation     | CCS             | 966A               | N/A                  | 2024-08-03       | 2025-08-02      |
| High Pass Filters   | Titan Microwave | T04H30001800070S01 | 22011402-4           | 2025-06-03       | 2026-06-02      |
| Pre-Amplifier       | EMCI            | EMC184045SE        | 980860               | 2024-12-02       | 2025-12-01      |
| Horn Antenna        | SCHWARZBECK     | BBHA9170           | 1047                 | 2024-12-06       | 2025-12-05      |
| Turn Table          | CCS             | CC-T-1F            | N/A                  | N.C.R            | N.C.R           |
| Controller          | CCS             | CC-C-1F            | N/A                  | N.C.R            | N.C.R           |
| Antenna Tower       | CCS             | CC-A-1F            | N/A                  | N.C.R            | N.C.R           |
| Software            | e3 V9-210616c   |                    |                      |                  |                 |

**Remark:**

1. Each piece of equipment is scheduled for calibration once a year.
2. N.C.R. = No Calibration Required.

## 1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

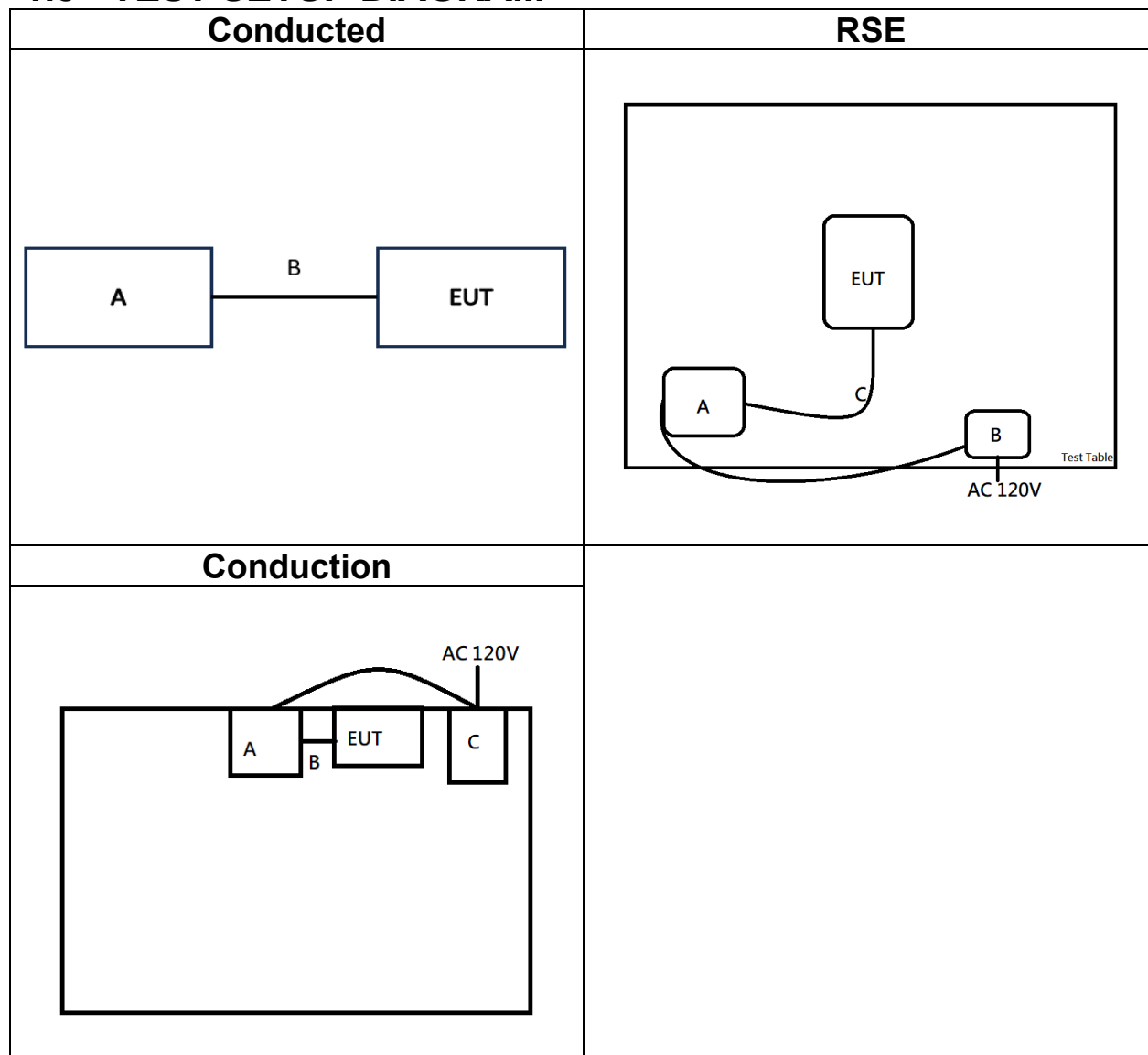
| EUT Accessories Equipment |           |       |       |            |        |    |
|---------------------------|-----------|-------|-------|------------|--------|----|
| No.                       | Equipment | Brand | Model | Series No. | FCC ID | IC |
|                           | N/A       |       |       |            |        |    |

| Support Equipment (Conducted) |                        |       |               |            |        |     |
|-------------------------------|------------------------|-------|---------------|------------|--------|-----|
| No.                           | Equipment              | Brand | Model         | Series No. | FCC ID | IC  |
| A                             | NB                     | DELL  | Latitude 5490 | N/A        | N/A    | N/A |
| B                             | Type-C to Type-C Cable | CYP   | N/A           | N/A        | N/A    | N/A |

| Support Equipment (RSE) |                        |       |                |            |        |     |
|-------------------------|------------------------|-------|----------------|------------|--------|-----|
| No.                     | Equipment              | Brand | Model          | Series No. | FCC ID | IC  |
| A                       | NB                     | DELL  | Latitude E5490 | HXKSTN2    | N/A    | N/A |
| B                       | Adapter                | DELL  | LA90PM130      | N/A        | N/A    | N/A |
| C                       | Type-C to Type-C Cable | CYP   | N/A            | N/A        | N/A    | N/A |

| Support Equipment (Conduction) |                        |       |               |            |        |     |
|--------------------------------|------------------------|-------|---------------|------------|--------|-----|
| No.                            | Equipment              | Brand | Model         | Series No. | FCC ID | IC  |
| A                              | NB                     | DELL  | Latitude 5490 | N/A        | N/A    | N/A |
| B                              | Type-C to Type-C Cable | CYP   | N/A           | N/A        | N/A    | N/A |
| C                              | Adapter                | DELL  | LA90PM130     | N/A        | N/A    | N/A |

## 1.8 TEST SETUP DIAGRAM



## 1.9 TEST PROGRAM

The EUT connection corresponds to the surrounding fixture control board.  
This EUT uses "QRCT4" software and to set the frequency, modulation, and power to allow the sample to continuously transmit.

## 1.10 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10-2020, FCC Part 2, FCC Part 15.247, KDB 558074.

## 2. TEST SUMMARY

| FCC Standard Section          | Report Section | Test Item                   | Result |
|-------------------------------|----------------|-----------------------------|--------|
| 15.203                        | 1.3            | Antenna Requirement         | Pass   |
| 15.207(a)                     | 4.1            | AC Conducted Emission       | Pass   |
| 15.247(b)(3)                  | 4.2            | Output Power Measurement    | Pass   |
| 15.247(d)<br>15.209<br>15.205 | 4.3            | Radiation Band Edge         | Pass   |
| 15.247(d)<br>15.209<br>15.205 | 4.3            | Radiation Spurious Emission | Pass   |

**Note:**

The host antenna is of a different type than originally approved , RF output power was reduced compared to the original application, so conducted performance in the intended frequency bands is expected to be lower than measured in the original modular approval. However, radiation performance will be fully evaluated for product compliance.

### 3. DESCRIPTION OF TEST MODES

#### 3.1 THE WORST MODE OF OPERATING CONDITION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operation mode           | IEEE 802.11b mode:1Mbps<br>IEEE 802.11g mode:6Mbps<br>IEEE 802.11n HT20 mode: MCS0<br>IEEE 802.11n HT40 mode: MCS0<br>IEEE 802.11ax HE20 mode: MCS0<br>IEEE 802.11ax HE40 mode: MCS0                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test Channel Frequencies | <b>IEEE 802.11b mode :</b><br>Low CH: 2412 MHz<br>Mid CH: 2437 MHz<br>High CH: 2462 MHz<br><b>IEEE 802.11g mode :</b><br>Low CH: 2412 MHz<br>Mid CH: 2437 MHz<br>High CH: 2462 MHz<br><b>IEEE 802.11n HT20 mode :</b><br>Low CH: 2412 MHz<br>Mid CH: 2437 MHz<br>High CH: 2462 MHz<br><b>IEEE 802.11n HT40 mode :</b><br>Lowest Channel: 2422 MHz<br>Middle Channel: 2437MHz<br>Highest Channel: 2452 MHz<br><b>IEEE 802.11ax HE20 mode :</b><br>Low CH: 2412 MHz<br>Mid CH: 2437 MHz<br>High CH: 2462 MHz<br><b>IEEE 802.11ax HE40 mode :</b><br>Lowest Channel: 2422 MHz<br>Middle Channel: 2437MHz<br>Highest Channel: 2452 MHz |
| Operation Transmitter    | IEEE 802.11b mode: 1T1R(SISO)<br>IEEE 802.11g mode: 1T1R(SISO)<br>IEEE 802.11n HT20 mode: 2T2R(MIMO)<br>IEEE 802.11n HT40 mode: 2T2R(MIMO)<br>IEEE 802.11ax HE20 mode: 2T2R(MIMO)<br>IEEE 802.11ax HE40 mode: 2T2R(MIMO)                                                                                                                                                                                                                                                                                                                                                                                                           |

**Remark:**

1. EUT pre-scanned data rate of output power for each mode, the worst data rate were recorded in this report.

### 3.2 THE WORST MODE OF MEASUREMENT

| AC Power Line Conduction Emission |                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Condition                    | AC Power line conduction emission for line and neutral                                                                                                |
| Power supply Mode                 | Mode 1: EUT power by Host system                                                                                                                      |
| Worst Mode                        | <input checked="" type="checkbox"/> Mode 1 <input checked="" type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4 |

| Radiated Emission Measurement Above 1G |                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Condition                         | Radiated Emission Above 1G                                                                                                                                                                                                                                                                    |
| Power supply Mode                      | Mode 1: EUT power by Host System                                                                                                                                                                                                                                                              |
| Worst Mode                             | <input checked="" type="checkbox"/> Mode 1 <input type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4                                                                                                                                                    |
| Worst Position                         | <input type="checkbox"/> Placed in fixed position.<br><input checked="" type="checkbox"/> Placed in fixed position at X-Plane (E2-Plane)<br><input type="checkbox"/> Placed in fixed position at Y-Plane (E1-Plane)<br><input type="checkbox"/> Placed in fixed position at Z-Plane (H-Plane) |

| Radiated Emission Measurement Below 1G |                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Test Condition                         | Radiated Emission Below 1G                                                                                                                 |
| Power supply Mode                      | Mode 1: EUT power by Host System                                                                                                           |
| Worst Mode                             | <input checked="" type="checkbox"/> Mode 1 <input type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4 |

**Remark:**

1. The worst mode was record in this test report.
2. AC power line conducted emission were performed the EUT transmit at the highest output power channel as worse case.
3. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(X-Plane) were recorded in this report

## 4. TEST RESULT

### 4.1 AC POWER LINE CONDUCTED EMISSION

#### 4.1.1 Test Limit

According to §15.207(a),

| Frequency Range<br>(MHz) | Limits(dBμV) |           |
|--------------------------|--------------|-----------|
|                          | Quasi-peak   | Average   |
| 0.15 to 0.50             | 66 to 56*    | 56 to 46* |
| 0.50 to 5                | 56           | 46        |
| 5 to 30                  | 60           | 50        |

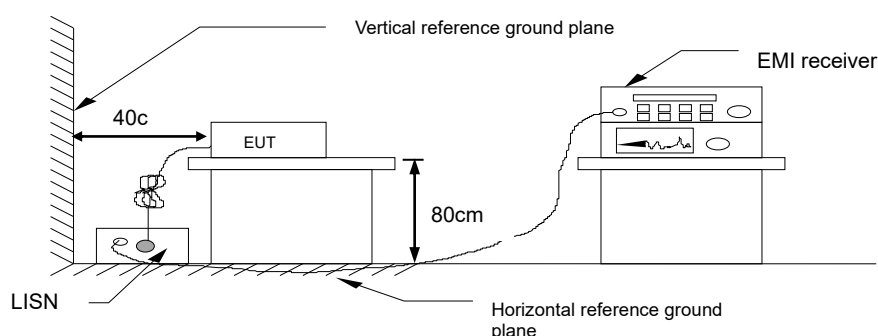
\* Decreases with the logarithm of the frequency.

#### 4.1.2 Test Procedure

Test method Refer as ANSI C63.10-2020,

1. The EUT was placed on a non-conducted table, which is 0.8m above horizontal ground plane and 0.4m above vertical ground plane.
2. EUT connected to the line impedance stabilization network (LISN)
3. Receiver set RBW of 9kHz and Detector Peak, and note as quasi-peak and average.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. Recorded Line for Neutral and Line.

#### 4.1.3 Test Setup



#### 4.1.4 Test Result

**PASS.**

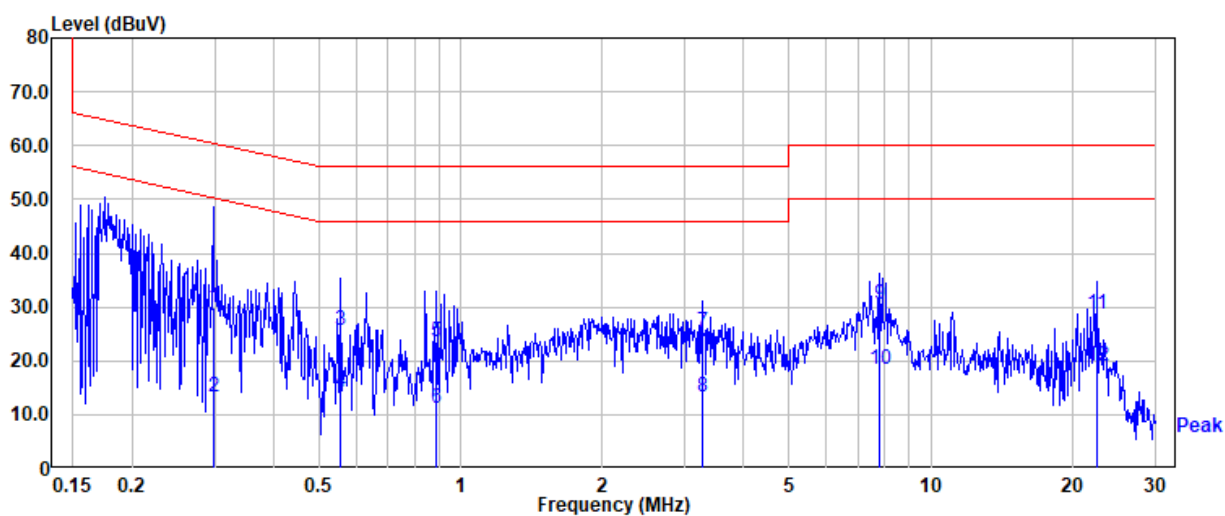
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## Test Data

Project No : TM-2503000493P  
Operation Band : 2.4G  
Test Chamber : Conduction  
Probe : Line  
Note :

Test Date : 2025-06-27  
Temp./Humi. : 25°C / 65%  
Engineer : David.Li  
Test Voltage : AC 120V/60Hz



| Freq   | Read  | Factor | Actual | Limit | Margin | Detector |
|--------|-------|--------|--------|-------|--------|----------|
| -----  | ----- | -----  | -----  | ----- | -----  | -----    |
| MHz    | dBuV  | dB     | dBuV   | dBuV  | dB     | PK/QP/AV |
| 0.298  | 29.86 | 0.07   | 29.93  | 60.30 | -30.37 | QP       |
| 0.298  | 13.22 | 0.07   | 13.29  | 50.30 | -37.01 | Average  |
| 0.556  | 25.63 | 0.07   | 25.70  | 56.00 | -30.30 | QP       |
| 0.556  | 14.18 | 0.07   | 14.25  | 46.00 | -31.75 | Average  |
| 0.889  | 23.35 | 0.08   | 23.43  | 56.00 | -32.57 | QP       |
| 0.889  | 11.07 | 0.08   | 11.15  | 46.00 | -34.85 | Average  |
| 3.276  | 25.14 | 0.13   | 25.27  | 56.00 | -30.73 | QP       |
| 3.276  | 13.27 | 0.13   | 13.40  | 46.00 | -32.60 | Average  |
| 7.769  | 30.23 | 0.21   | 30.44  | 60.00 | -29.56 | QP       |
| 7.769  | 18.12 | 0.21   | 18.33  | 50.00 | -31.67 | Average  |
| 22.548 | 28.27 | 0.37   | 28.64  | 60.00 | -31.36 | QP       |
| 22.548 | 18.60 | 0.37   | 18.97  | 50.00 | -31.03 | Average  |

Note: 1. Actual FS= Spectrum Read Level + Factor

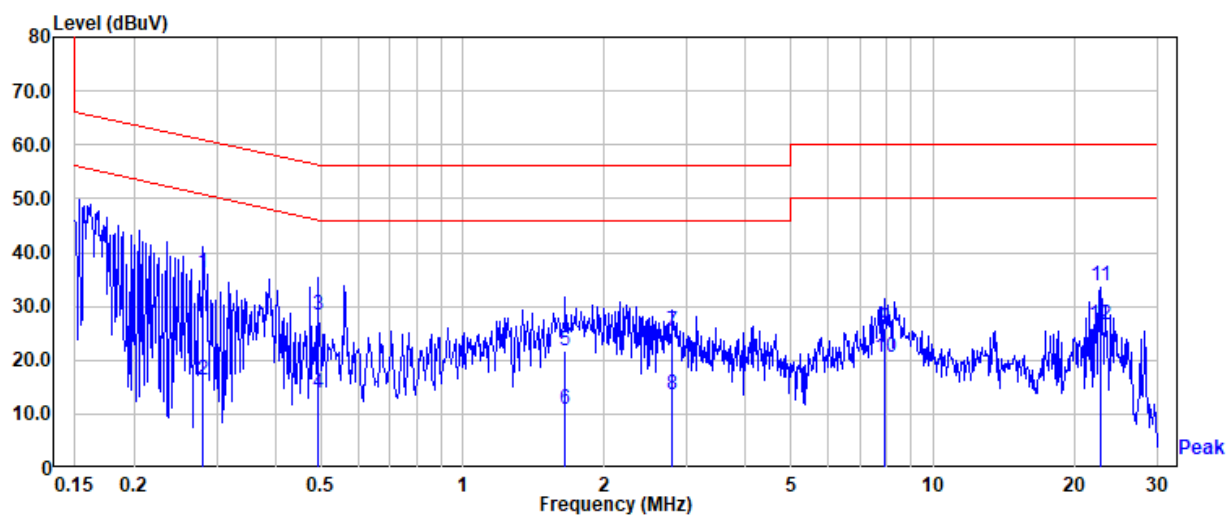
Note: 2. Margin= Actual FS – Limit

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 2.4G  
Test Chamber : Conduction  
Probe : Neutral  
Note :

Test Date : 2025-06-27  
Temp./Humi. : 25°C / 65%  
Engineer : David.Li  
Test Voltage : AC 120V/60Hz



| Freq   | Read Level | Factor | Actual FS | Limit | Margin | Detector Mode |
|--------|------------|--------|-----------|-------|--------|---------------|
| -----  | -----      | -----  | -----     | ----- | -----  | -----         |
| MHz    | dBuV       | dB     | dBuV      | dBuV  | dB     | PK/QP/AV      |
| 0.281  | 36.00      | 0.09   | 36.09     | 60.79 | -24.70 | QP            |
| 0.281  | 16.13      | 0.09   | 16.22     | 50.79 | -34.57 | Average       |
| 0.493  | 28.21      | 0.08   | 28.29     | 56.13 | -27.84 | QP            |
| 0.493  | 13.86      | 0.08   | 13.94     | 46.13 | -32.19 | Average       |
| 1.651  | 21.65      | 0.12   | 21.77     | 56.00 | -34.23 | QP            |
| 1.651  | 10.87      | 0.12   | 10.99     | 46.00 | -35.01 | Average       |
| 2.791  | 25.20      | 0.14   | 25.34     | 56.00 | -30.66 | QP            |
| 2.791  | 13.39      | 0.14   | 13.53     | 46.00 | -32.47 | Average       |
| 7.921  | 25.67      | 0.22   | 25.89     | 60.00 | -34.11 | QP            |
| 7.921  | 20.37      | 0.22   | 20.59     | 50.00 | -29.41 | Average       |
| 22.690 | 33.44      | 0.37   | 33.81     | 60.00 | -26.19 | QP            |
| 22.690 | 26.26      | 0.37   | 26.63     | 50.00 | -23.37 | Average       |

Note: 1. Actual FS= Spectrum Read Level + Factor

Note: 2. Margin= Actual FS – Limit

## 4.2 OUTPUT POWER MEASUREMENT

### 4.2.1 Test Limit

According to §15.247(b),

**Peak output power** :

**For FCC:**

For systems using digital modulation in the 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt(30 dBm) and the e.i.r.p. shall not exceed 4Watt(36 dBm), base on the use of antennas with directional gain not exceed 6 dBi If transmitting antennas of directional gain greater than 6dBi are used the peak output power the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

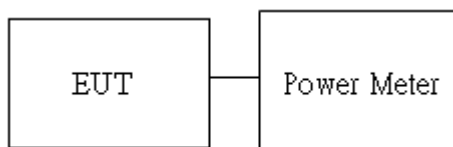
**Average output power** : For reporting purposes only.

### 4.2.2 Test Procedure

Test method Refer as ANSI C63.10-2020.

1. The EUT RF output connected to the power meter by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Peak output power and Average output power. in the test report.

### 4.2.3 Test Setup



## 4.2.4 Test Result

Temperature: 21.5 ~ 26.8°C  
Humidity: 53 ~ 61% RH

Test date: May 7 ~ August 5, 2025  
Tested by: David Li

### Peak & Average output power :

| 802.11b Ch0 |             |           |               |                        |                         |             |        |
|-------------|-------------|-----------|---------------|------------------------|-------------------------|-------------|--------|
| CH          | Freq. (MHz) | Data Rate | Power Setting | Peak Output Power (mW) | Peak Output Power (dBm) | Limit (dBm) | RESULT |
| 1           | 2412        | 1         | 9             | 12.62                  | 11.01                   | 30.00       | PASS   |
| 6           | 2437        | 1         | 9             | 15.89                  | 12.01                   | 30.00       | PASS   |
| 11          | 2462        | 1         | 9             | 12.94                  | 11.12                   | 30.00       | PASS   |
| 802.11b Ch0 |             |           |               |                        |                         |             |        |
| CH          | Freq. (MHz) | Data Rate | Power Setting | Avg. Output Power (mW) | Avg. Output Power (dBm) | Limit (dBm) | RESULT |
| 1           | 2412        | 1         | 9             | 7.08                   | 8.50                    | 30.00       | PASS   |
| 6           | 2437        | 1         | 9             | 8.68                   | 9.39                    | 30.00       | PASS   |
| 11          | 2462        | 1         | 9             | 7.19                   | 8.57                    | 30.00       | PASS   |
| 802.11b Ch1 |             |           |               |                        |                         |             |        |
| CH          | Freq. (MHz) | Data Rate | Power Setting | Peak Output Power (mW) | Peak Output Power (dBm) | Limit (dBm) | RESULT |
| 1           | 2412        | 1         | 10            | 19.23                  | 12.84                   | 30.00       | PASS   |
| 6           | 2437        | 1         | 9             | 16.18                  | 12.09                   | 30.00       | PASS   |
| 11          | 2462        | 1         | 9             | 16.63                  | 12.21                   | 30.00       | PASS   |
| 802.11b Ch1 |             |           |               |                        |                         |             |        |
| CH          | Freq. (MHz) | Data Rate | Power Setting | Avg. Output Power (mW) | Avg. Output Power (dBm) | Limit (dBm) | RESULT |
| 1           | 2412        | 1         | 10            | 10.04                  | 10.02                   | 30.00       | PASS   |
| 6           | 2437        | 1         | 9             | 9.01                   | 9.55                    | 30.00       | PASS   |
| 11          | 2462        | 1         | 9             | 9.01                   | 9.55                    | 30.00       | PASS   |

#### 802.11g Ch0

| CH | Freq. (MHz) | Data Rate | Power Setting | Peak Output Power (mW) | Peak Output Power (dBm) | Limit (dBm) | RESULT |
|----|-------------|-----------|---------------|------------------------|-------------------------|-------------|--------|
| 1  | 2412        | 6         | 9.5           | 39.90                  | 16.01                   | 30.00       | PASS   |
| 6  | 2437        | 6         | 9             | 41.78                  | 16.21                   | 30.00       | PASS   |
| 11 | 2462        | 6         | 9.5           | 41.40                  | 16.17                   | 30.00       | PASS   |

#### 802.11g Ch0

| CH | Freq. (MHz) | Data Rate | Power Setting | Avg. Output Power (mW) | Avg. Output Power (dBm) | Limit (dBm) | RESULT |
|----|-------------|-----------|---------------|------------------------|-------------------------|-------------|--------|
| 1  | 2412        | 6         | 9.5           | 7.32                   | 8.64                    | 30.00       | PASS   |
| 6  | 2437        | 6         | 9             | 7.89                   | 8.97                    | 30.00       | PASS   |
| 11 | 2462        | 6         | 9.5           | 7.52                   | 8.76                    | 30.00       | PASS   |

#### 802.11g Ch1

| CH | Freq. (MHz) | Data Rate | Power Setting | Peak Output Power (mW) | Peak Output Power (dBm) | Limit (dBm) | RESULT |
|----|-------------|-----------|---------------|------------------------|-------------------------|-------------|--------|
| 1  | 2412        | 6         | 10.5          | 54.08                  | 17.33                   | 30.00       | PASS   |
| 6  | 2437        | 6         | 9             | 48.87                  | 16.89                   | 30.00       | PASS   |
| 11 | 2462        | 6         | 9             | 47.53                  | 16.77                   | 30.00       | PASS   |

#### 802.11g Ch1

| CH | Freq. (MHz) | Data Rate | Power Setting | Avg. Output Power (mW) | Avg. Output Power (dBm) | Limit (dBm) | RESULT |
|----|-------------|-----------|---------------|------------------------|-------------------------|-------------|--------|
| 1  | 2412        | 6         | 10.5          | 9.53                   | 9.79                    | 30.00       | PASS   |
| 6  | 2437        | 6         | 9             | 9.06                   | 9.57                    | 30.00       | PASS   |
| 11 | 2462        | 6         | 9             | 8.94                   | 9.51                    | 30.00       | PASS   |

#### 802.11n\_HT20M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | Power<br>Setting | Peak Output Power<br>(dBm) |       | Total Peak<br>Output Power<br>(mW) | Total Peak<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|------------------|----------------------------|-------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 1  | 2412           | MCS0         | 10               | 16.22                      | 16.89 | 90.74                              | 19.58                               | 30.00          | PASS   |
| 6  | 2437           | MCS0         | 9                | 16.06                      | 16.97 | 90.14                              | 19.55                               | 30.00          | PASS   |
| 11 | 2462           | MCS0         | 10               | 16.51                      | 17.68 | 103.39                             | <b>20.14</b>                        | 30.00          | PASS   |

#### 802.11n\_HT20M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | Power<br>Setting | Avg. Output Power<br>(dBm) |       | Total Avg.<br>Output Power<br>(mW) | Total Avg.<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|------------------|----------------------------|-------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 1  | 2412           | MCS0         | 10               | 8.72                       | 9.13  | 15.62                              | 11.94                               | 30.00          | PASS   |
| 6  | 2437           | MCS0         | 9                | 8.60                       | 9.09  | 15.34                              | 11.86                               | 30.00          | PASS   |
| 11 | 2462           | MCS0         | 10               | 8.94                       | 10.00 | 17.82                              | <b>12.51</b>                        | 30.00          | PASS   |

#### 802.11n\_HT40M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | Power<br>Setting | Peak Output Power<br>(dBm) |       | Total Peak<br>Output Power<br>(mW) | Total Peak<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|------------------|----------------------------|-------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 3  | 2422           | MCS0         | 9                | 16.02                      | 16.82 | 88.08                              | 19.45                               | 30.00          | PASS   |
| 6  | 2437           | MCS0         | 9                | 16.08                      | 17.53 | 97.17                              | <b>19.88</b>                        | 30.00          | PASS   |
| 9  | 2452           | MCS0         | 8.5              | 16.19                      | 16.04 | 81.77                              | 19.13                               | 30.00          | PASS   |

#### 802.11n\_HT40M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | Power<br>Setting | Avg. Output Power<br>(dBm) |      | Total Avg.<br>Output Power<br>(mW) | Total Avg.<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|------------------|----------------------------|------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |                  | Ch0                        | Ch1  |                                    |                                     |                |        |
| 3  | 2422           | MCS0         | 9                | 8.55                       | 9.17 | 15.41                              | 11.88                               | 30.00          | PASS   |
| 6  | 2437           | MCS0         | 9                | 8.58                       | 9.84 | 16.83                              | <b>12.26</b>                        | 30.00          | PASS   |
| 9  | 2452           | MCS0         | 8.5              | 8.77                       | 8.63 | 14.81                              | 11.71                               | 30.00          | PASS   |

#### 802.11ax\_HE20M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | RU Config | Power<br>Setting | Peak Output Power<br>(dBm) |       | Total Peak<br>Output Power<br>(mW) | Total Peak<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|-----------|------------------|----------------------------|-------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |           |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 1  | 2412           | MCS0         | full      | 10               | 17.30                      | 18.07 | 117.82                             | 20.71                               | 30.00          | PASS   |
|    |                |              | 26/0      | 2                | 9.92                       | 10.35 | 20.66                              | 13.15                               | 30.00          | PASS   |
|    |                |              | 52/37     | 5                | 12.33                      | 13.26 | 38.28                              | 15.83                               | 30.00          | PASS   |
|    |                |              | 106/53    | 6                | 13.36                      | 14.12 | 47.50                              | 16.77                               | 30.00          | PASS   |
| 6  | 2437           | MCS0         | full      | 9                | 17.35                      | 18.19 | 120.24                             | 20.80                               | 30.00          | PASS   |
|    |                |              | 26/4      | 0                | 7.38                       | 8.80  | 13.06                              | 11.16                               | 30.00          | PASS   |
|    |                |              | 52/39     | 3                | 10.27                      | 12.05 | 26.67                              | 14.26                               | 30.00          | PASS   |
|    |                |              | 106/53    | 6                | 14.48                      | 15.23 | 61.40                              | 17.88                               | 30.00          | PASS   |
|    |                |              | 106/54    | 6                | 14.37                      | 15.12 | 59.86                              | 17.77                               | 30.00          | PASS   |
| 11 | 2462           | MCS0         | full      | 9.5              | 17.29                      | 18.53 | 124.86                             | <b>20.96</b>                        | 30.00          | PASS   |
|    |                |              | 26/8      | 0                | 7.13                       | 9.29  | 13.66                              | 11.35                               | 30.00          | PASS   |
|    |                |              | 52/40     | 2                | 8.87                       | 11.15 | 20.74                              | 13.17                               | 30.00          | PASS   |
|    |                |              | 106/54    | 6                | 14.12                      | 15.43 | 60.74                              | 17.83                               | 30.00          | PASS   |

#### 802.11ax\_HE20M\_2TX

| CH | Freq.<br>(MHz) | Data<br>Rate | RU Config | Power<br>Setting | Avg. Output Power<br>(dBm) |      | Total Avg.<br>Output Power<br>(mW) | Total Avg.<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|----|----------------|--------------|-----------|------------------|----------------------------|------|------------------------------------|-------------------------------------|----------------|--------|
|    |                |              |           |                  | Ch0                        | Ch1  |                                    |                                     |                |        |
| 1  | 2412           | MCS0         | full      | 10               | 8.83                       | 9.16 | 15.87                              | 12.00                               | 30.00          | PASS   |
|    |                |              | 26/0      | 2                | 1.09                       | 2.03 | 2.88                               | 4.59                                | 30.00          | PASS   |
|    |                |              | 52/37     | 5                | 3.71                       | 4.31 | 5.05                               | 7.03                                | 30.00          | PASS   |
|    |                |              | 106/53    | 6                | 4.67                       | 5.33 | 6.34                               | 8.02                                | 30.00          | PASS   |
| 6  | 2437           | MCS0         | full      | 9                | 8.78                       | 9.26 | 15.97                              | 12.03                               | 30.00          | PASS   |
|    |                |              | 26/4      | 0                | -1.23                      | 0.34 | 1.83                               | 2.63                                | 30.00          | PASS   |
|    |                |              | 52/39     | 3                | 1.70                       | 3.22 | 3.58                               | 5.54                                | 30.00          | PASS   |
|    |                |              | 106/53    | 6                | 5.85                       | 6.56 | 8.37                               | 9.23                                | 30.00          | PASS   |
|    |                |              | 106/54    | 6                | 5.77                       | 6.52 | 8.26                               | 9.17                                | 30.00          | PASS   |
| 11 | 2462           | MCS0         | full      | 9.5              | 8.76                       | 9.81 | 17.07                              | <b>12.32</b>                        | 30.00          | PASS   |
|    |                |              | 26/8      | 0                | -1.83                      | 0.38 | 1.75                               | 2.42                                | 30.00          | PASS   |
|    |                |              | 52/40     | 2                | 0.26                       | 2.33 | 2.77                               | 4.43                                | 30.00          | PASS   |
|    |                |              | 106/54    | 6                | 5.18                       | 6.48 | 7.74                               | 8.89                                | 30.00          | PASS   |

| 802.11ax_HE40M_2TX |                |              |           |                  |                            |       |                                    |                                     |                |        |
|--------------------|----------------|--------------|-----------|------------------|----------------------------|-------|------------------------------------|-------------------------------------|----------------|--------|
| CH                 | Freq.<br>(MHz) | Data<br>Rate | RU Config | Power<br>Setting | Peak Output Power<br>(dBm) |       | Total Peak<br>Output Power<br>(mW) | Total Peak<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|                    |                |              |           |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 3                  | 2422           | MCS0         | full      | 9.5              | 17.15                      | 17.98 | 114.69                             | 20.60                               | 30.00          | PASS   |
| 6                  | 2437           | MCS0         | full      | 9                | 16.50                      | 18.12 | 109.53                             | 20.40                               | 30.00          | PASS   |
| 9                  | 2452           | MCS0         | full      | 8.5              | 16.87                      | 16.79 | 96.39                              | 19.84                               | 30.00          | PASS   |
| 802.11ax_HE40M_2TX |                |              |           |                  |                            |       |                                    |                                     |                |        |
| CH                 | Freq.<br>(MHz) | Data<br>Rate | RU Config | Power<br>Setting | Avg. Output Power<br>(dBm) |       | Total Avg.<br>Output Power<br>(mW) | Total Avg.<br>Output Power<br>(dBm) | Limit<br>(dBm) | RESULT |
|                    |                |              |           |                  | Ch0                        | Ch1   |                                    |                                     |                |        |
| 3                  | 2422           | MCS0         | full      | 9.5              | 8.89                       | 9.41  | 16.46                              | 12.16                               | 30.00          | PASS   |
| 6                  | 2437           | MCS0         | full      | 9                | 8.42                       | 9.65  | 16.16                              | 12.08                               | 30.00          | PASS   |
| 9                  | 2452           | MCS0         | full      | 8.5              | 8.63                       | 8.57  | 14.48                              | 11.61                               | 30.00          | PASS   |

## 4.3 RADIATION BANDEGE AND SPURIOUS EMISSION

### 4.3.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

#### Below 30 MHz

| Frequency     | Field Strength<br>(microvolts/m) | Magnetic<br>H-Field<br>(microamperes/m) | Measurement<br>Distance<br>(metres) |
|---------------|----------------------------------|-----------------------------------------|-------------------------------------|
| 9-490 kHz     | 2,400/F (F in kHz)               | 2,400/F (F in kHz)                      | 300                                 |
| 490-1,705 kHz | 24,000/F (F in kHz)              | 24,000/F (F in kHz)                     | 30                                  |
| 1.705-30 MHz  | 30                               | N/A                                     | 30                                  |

#### Above 30 MHz

| Frequency | Field Strength<br>(microvolts/m) | Measurement<br>Distance<br>(metres) |
|-----------|----------------------------------|-------------------------------------|
| 30-88     | 100                              | 3                                   |
| 88-216    | 150                              | 3                                   |
| 216-960   | 200                              | 3                                   |
| Above 960 | 500                              | 3                                   |

### 4.3.2 Test Procedure

Test method Refer as ANSI C63.10-2020.

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10-2020, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 9kHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz).

Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-ane choic chamber, the measurements correspond to those obtained at an open-field test site. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

5. The SA setting following :

(1) Below 30MHz :

(1.1) 9KHz-490KHz : RBW=200Hz / VBW=1kHz / Sweep=AUTO

(1.2) 490KHz-30MHz : RBW=10kHz / VBW=30kHz / Sweep=AUTO

(2) 30MHz to 1GHz : RBW = 100kHz, VBW  $\geq$  3\*RBW, Sweep = Auto,

Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

(3.1) For Peak measurement : RBW = 1MHz, VBW  $\geq$  3 RBW, Sweep = Auto,  
Detector = Peak, Trace = Max hold.

(3.2) For Average measurement : RBW = 1MHz, VBW

·If Duty Cycle  $\geq$  98%, VBW=10Hz.

·If Duty Cycle < 98%, VBW=1/T.

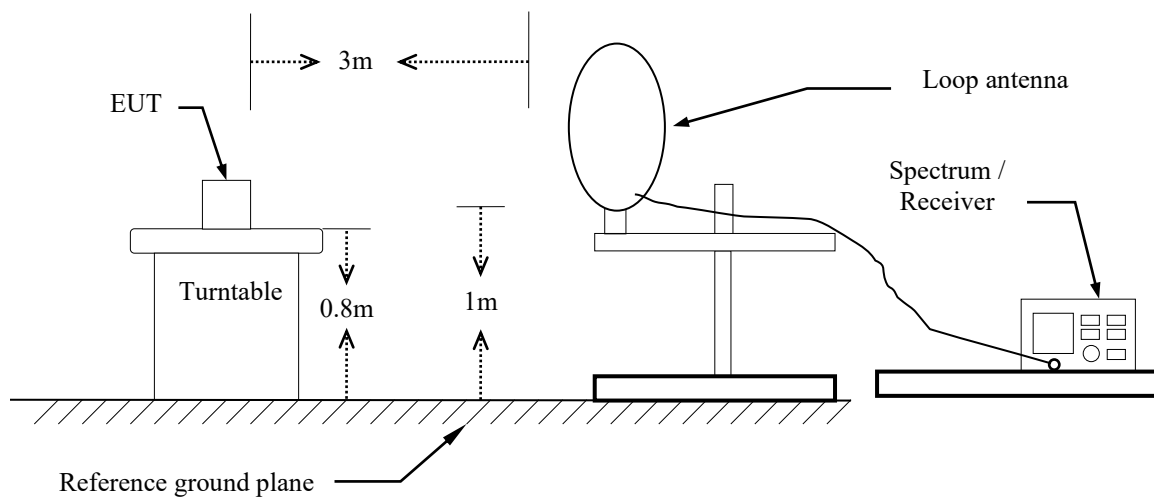
6. Data result :

Actual FS=Spectrum Reading Level + Factor

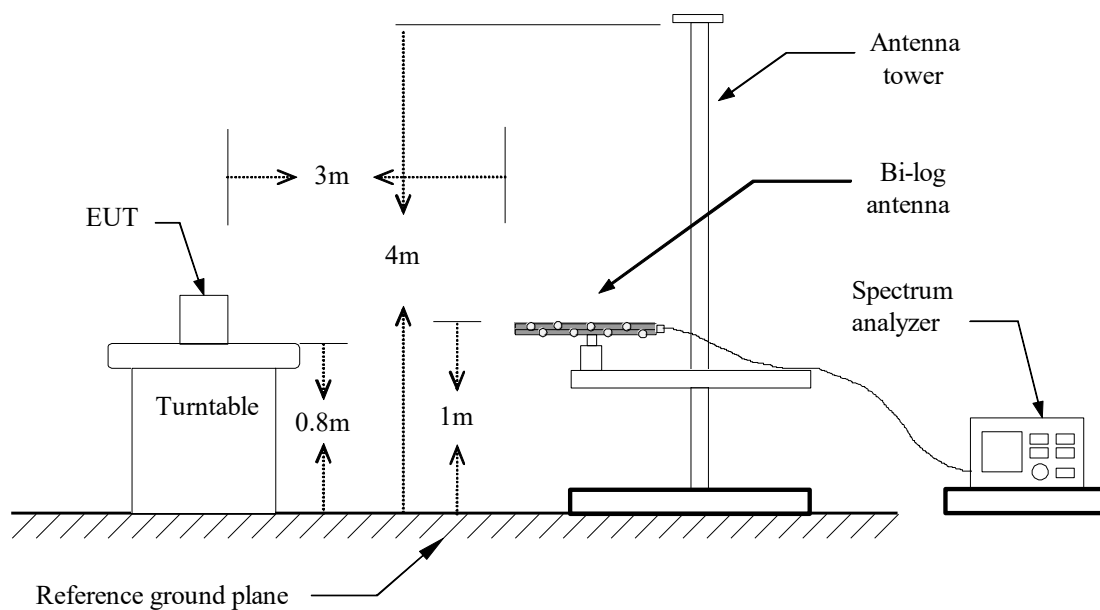
Margin=Actual FS- Limit

## 4.3.3 Test Setup

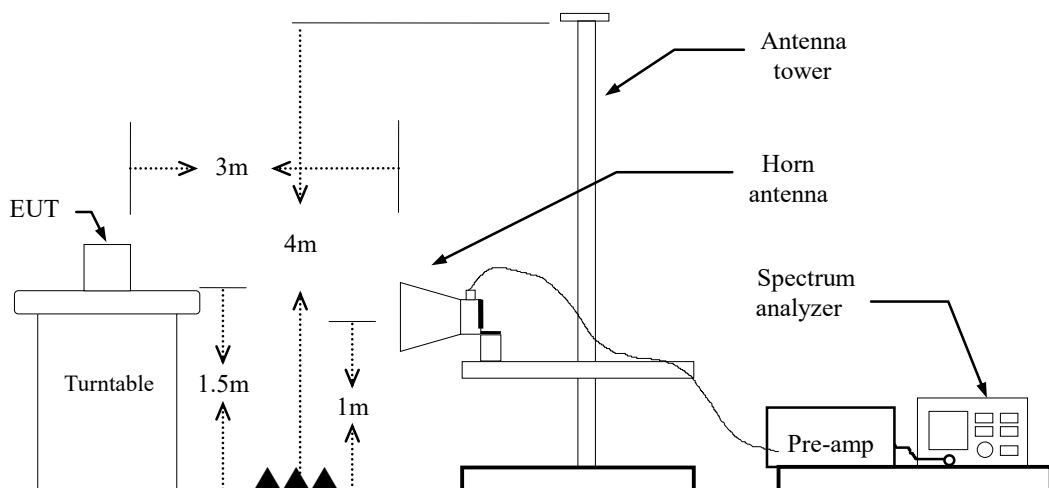
### 9kHz ~ 30MHz



### 30MHz ~ 1GHz



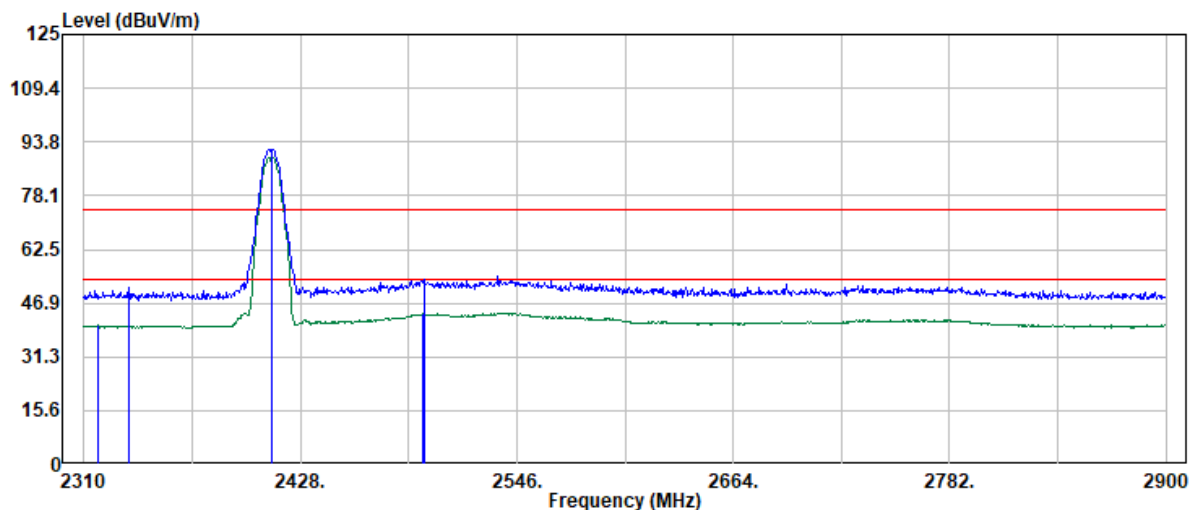
## Above 1 GHz



## 4.3.4 Test Result

### Band Edge Test Data

|                |                  |              |              |
|----------------|------------------|--------------|--------------|
| Project No     | : TM-2503000493P | Test Date    | : 2025-07-03 |
| Operation Band | : 802.11b_CH0    | Temp./Humi.  | : 25.5/53    |
| Frequency      | : 2412 MHz       | Antenna Pol. | : Vertical   |
| Operation Mode | : Bandedge       | Engineer     | : Ben.Yang   |
| EUT Pol        | : E2             | Test Chamber | : 966A       |
| Setting        | :                |              |              |



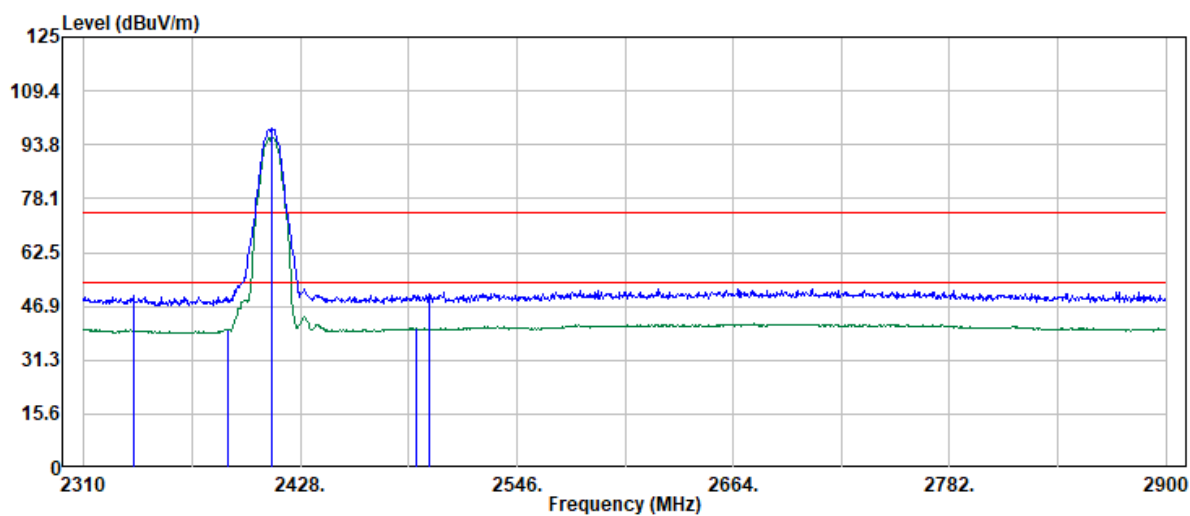
| Trace: 1 |            |        |           |           |        |               |
|----------|------------|--------|-----------|-----------|--------|---------------|
| Freq     | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
| -----    | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz      | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2317.99  | 34.06      | 6.29   | 40.35     | 54.00     | -13.65 | Average       |
| 2334.48  | 45.16      | 6.22   | 51.38     | 74.00     | -22.62 | Peak          |
| 2412.00  | 85.22      | 6.40   | 91.62     | --        | --     | Peak          |
| 2412.00  | 82.71      | 6.40   | 89.11     | --        | --     | Average       |
| 2494.84  | 36.95      | 6.81   | 43.76     | 54.00     | -10.24 | Average       |
| 2495.34  | 47.07      | 6.82   | 53.89     | 74.00     | -20.11 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

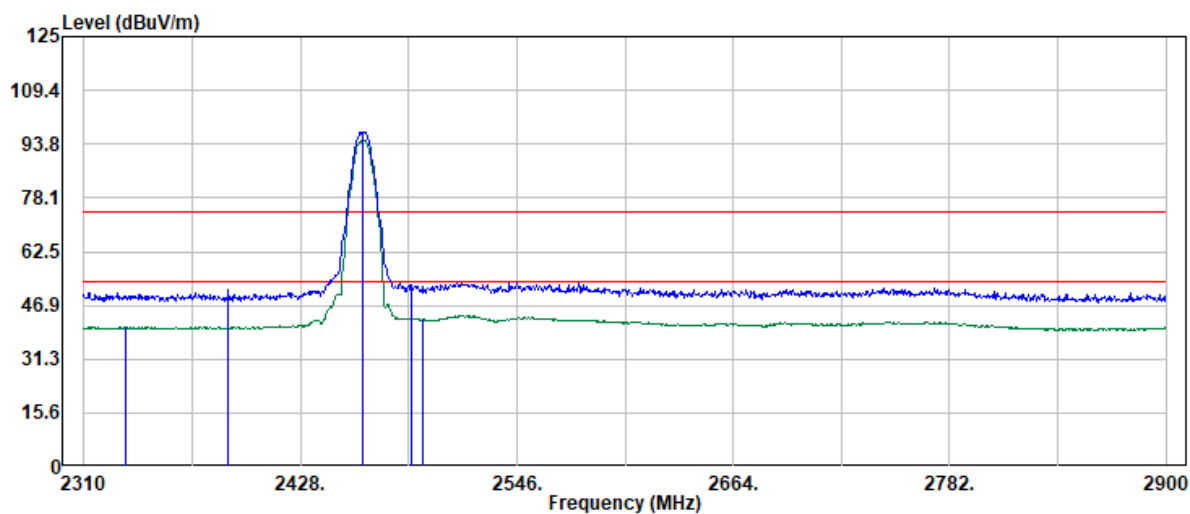
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2336.98 | 43.61      | 6.21   | 49.82     | 74.00     | -24.18 | Peak          |
| 2388.43 | 33.85      | 6.31   | 40.16     | 54.00     | -13.84 | Average       |
| 2412.00 | 92.87      | 6.40   | 99.27     | --        | --     | Peak          |
| 2412.00 | 89.33      | 6.40   | 95.73     | --        | --     | Average       |
| 2490.85 | 33.64      | 6.82   | 40.46     | 54.00     | -13.54 | Average       |
| 2498.34 | 43.74      | 6.81   | 50.55     | 74.00     | -23.45 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

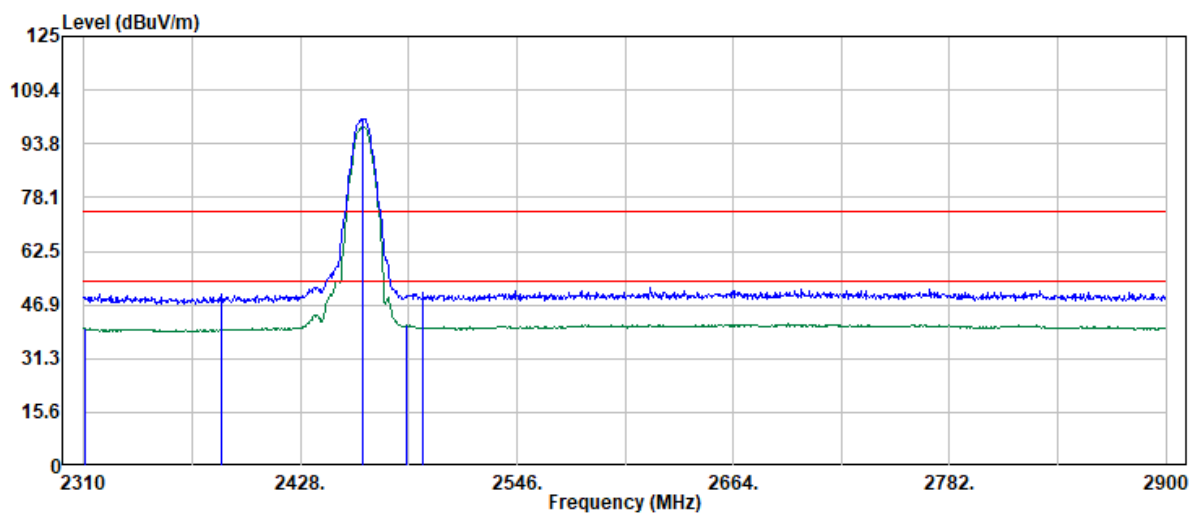
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2332.48 | 34.35      | 6.23   | 40.58     | 54.00     | -13.42 | Average       |
| 2388.93 | 44.98      | 6.32   | 51.30     | 74.00     | -22.70 | Peak          |
| 2462.00 | 90.81      | 6.54   | 97.35     | --        | --     | Peak          |
| 2462.00 | 88.31      | 6.54   | 94.85     | --        | --     | Average       |
| 2488.85 | 45.83      | 6.81   | 52.64     | 74.00     | -21.36 | Peak          |
| 2494.84 | 36.26      | 6.81   | 43.07     | 54.00     | -10.93 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

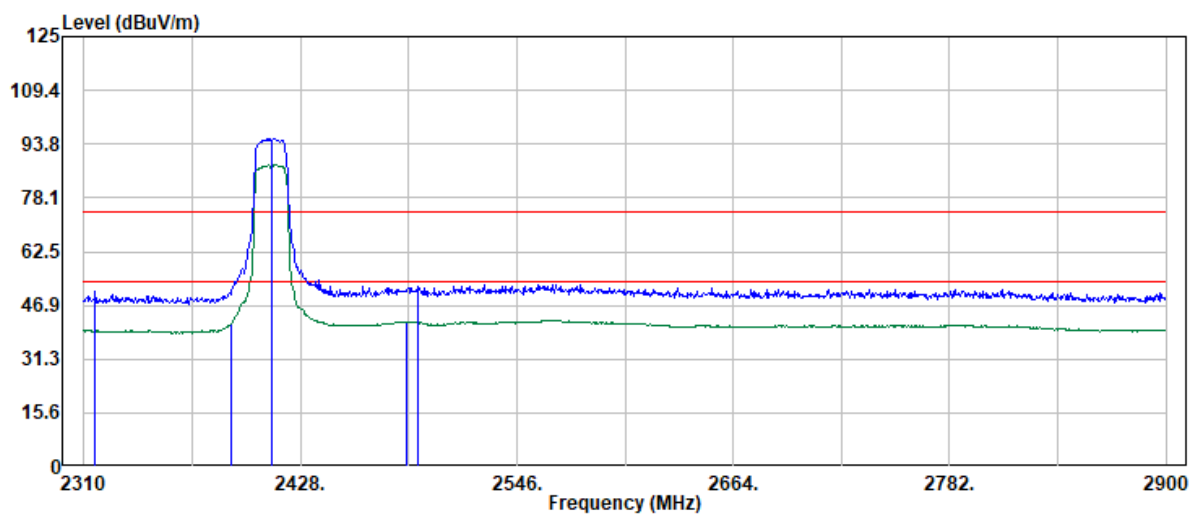
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2310.50 | 33.82      | 6.39   | 40.21     | 54.00     | -13.79 | Average       |
| 2384.94 | 43.55      | 6.29   | 49.84     | 74.00     | -24.16 | Peak          |
| 2462.00 | 94.29      | 6.54   | 100.83    | --        | --     | Peak          |
| 2462.00 | 91.85      | 6.54   | 98.39     | --        | --     | Average       |
| 2485.85 | 34.03      | 6.79   | 40.82     | 54.00     | -13.18 | Average       |
| 2494.84 | 43.78      | 6.81   | 50.59     | 74.00     | -23.41 | Peak          |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

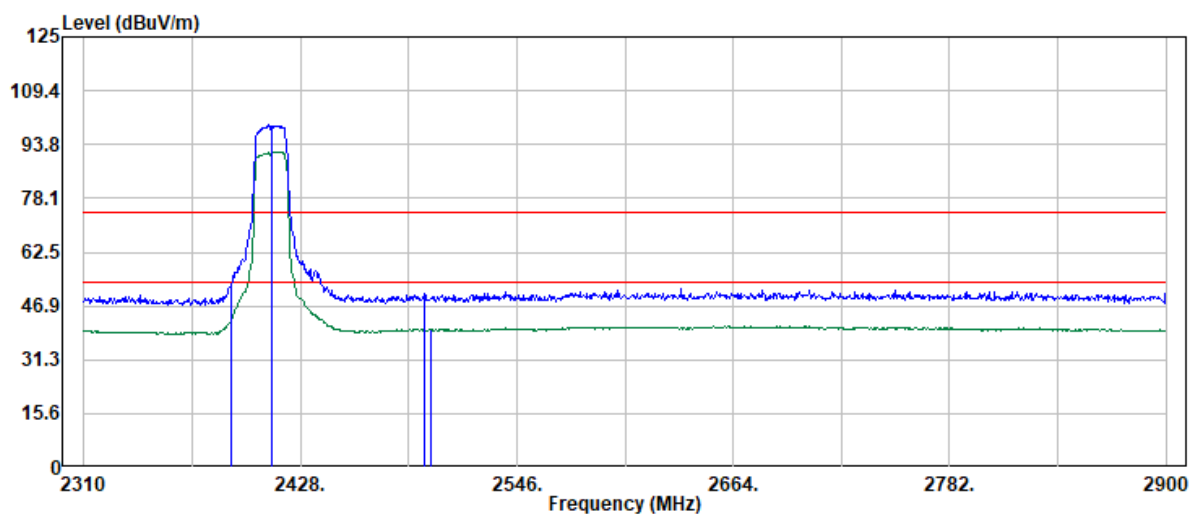
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2316.00 | 44.80      | 6.32   | 51.12     | 74.00     | -22.88 | Peak          |
| 2389.93 | 35.01      | 6.32   | 41.33     | 54.00     | -12.67 | Average       |
| 2412.00 | 89.08      | 6.40   | 95.48     | --        | --     | Peak          |
| 2412.00 | 81.27      | 6.40   | 87.67     | --        | --     | Average       |
| 2485.85 | 35.29      | 6.79   | 42.08     | 54.00     | -11.92 | Average       |
| 2491.85 | 45.35      | 6.82   | 52.17     | 74.00     | -21.83 | Peak          |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

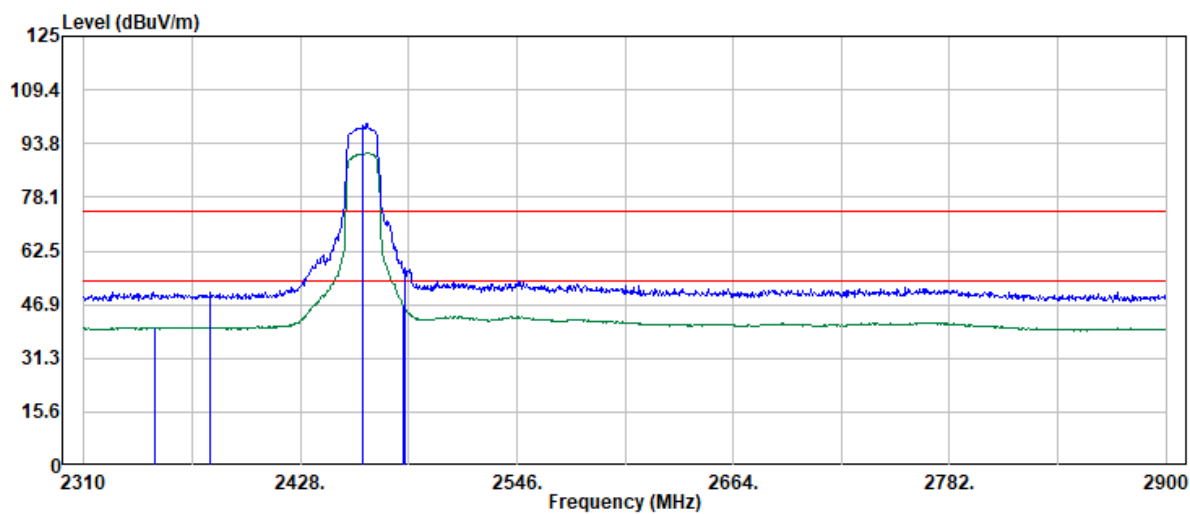
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.93 | 46.43      | 6.32   | 52.75     | 74.00     | -21.25 | Peak          |
| 2389.93 | 36.20      | 6.32   | 42.52     | 54.00     | -11.48 | Average       |
| 2412.00 | 92.94      | 6.40   | 99.34     | --        | --     | Peak          |
| 2412.00 | 85.29      | 6.40   | 91.69     | --        | --     | Average       |
| 2495.34 | 43.59      | 6.82   | 50.41     | 74.00     | -23.59 | Peak          |
| 2498.84 | 33.19      | 6.81   | 40.00     | 54.00     | -14.00 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

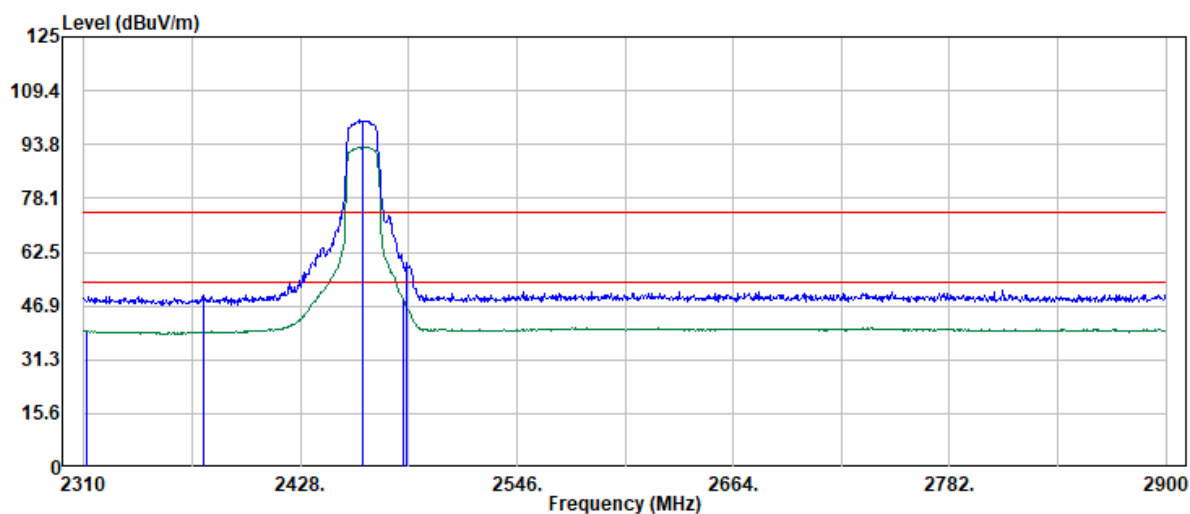
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2348.97 | 34.21      | 6.08   | 40.29     | 54.00     | -13.71 | Average       |
| 2378.94 | 44.33      | 6.25   | 50.58     | 74.00     | -23.42 | Peak          |
| 2462.00 | 93.15      | 6.54   | 99.69     | --        | --     | Peak          |
| 2462.00 | 84.58      | 6.54   | 91.12     | --        | --     | Average       |
| 2483.85 | 40.02      | 6.77   | 46.79     | 54.00     | -7.21  | Average       |
| 2485.35 | 50.60      | 6.78   | 57.38     | 74.00     | -16.62 | Peak          |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

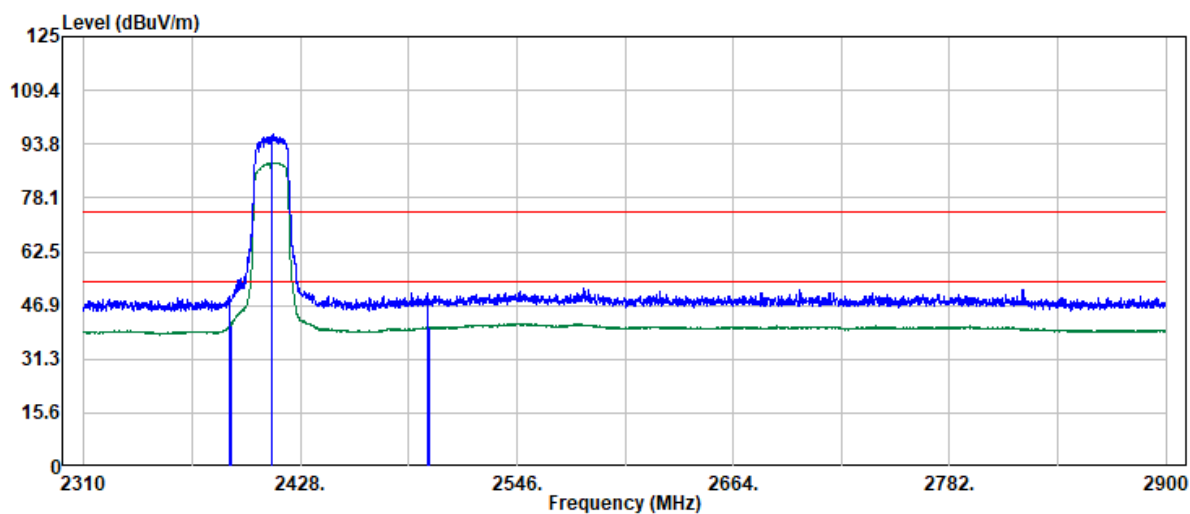
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2311.50 | 33.24      | 6.38   | 39.62     | 54.00     | -14.38 | Average       |
| 2375.45 | 43.77      | 6.23   | 50.00     | 74.00     | -24.00 | Peak          |
| 2462.00 | 94.54      | 6.54   | 101.08    | --        | --     | Peak          |
| 2462.00 | 86.53      | 6.54   | 93.07     | --        | --     | Average       |
| 2483.85 | 42.19      | 6.77   | 48.96     | 54.00     | -5.04  | Average       |
| 2485.85 | 52.61      | 6.79   | 59.40     | 74.00     | -14.60 | Peak          |

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

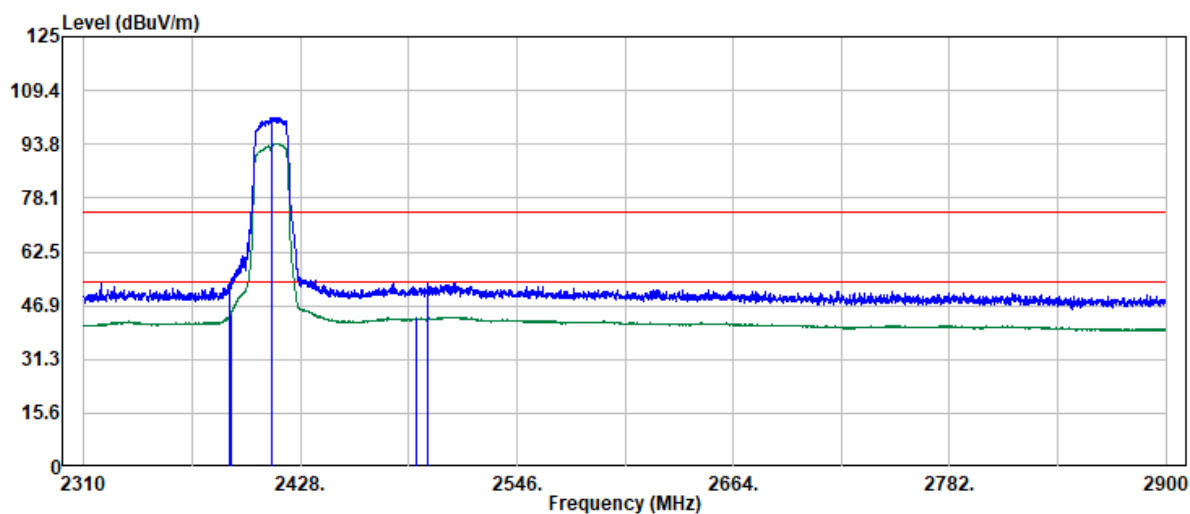
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.06 | 43.04      | 6.32   | 49.36     | 74.00     | -24.64 | Peak          |
| 2389.89 | 34.87      | 6.32   | 41.19     | 54.00     | -12.81 | Average       |
| 2412.00 | 90.33      | 6.40   | 96.73     | --        | --     | Peak          |
| 2412.00 | 81.95      | 6.40   | 88.35     | --        | --     | Average       |
| 2497.03 | 43.89      | 6.82   | 50.71     | 74.00     | -23.29 | Peak          |
| 2498.56 | 33.67      | 6.81   | 40.48     | 54.00     | -13.52 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

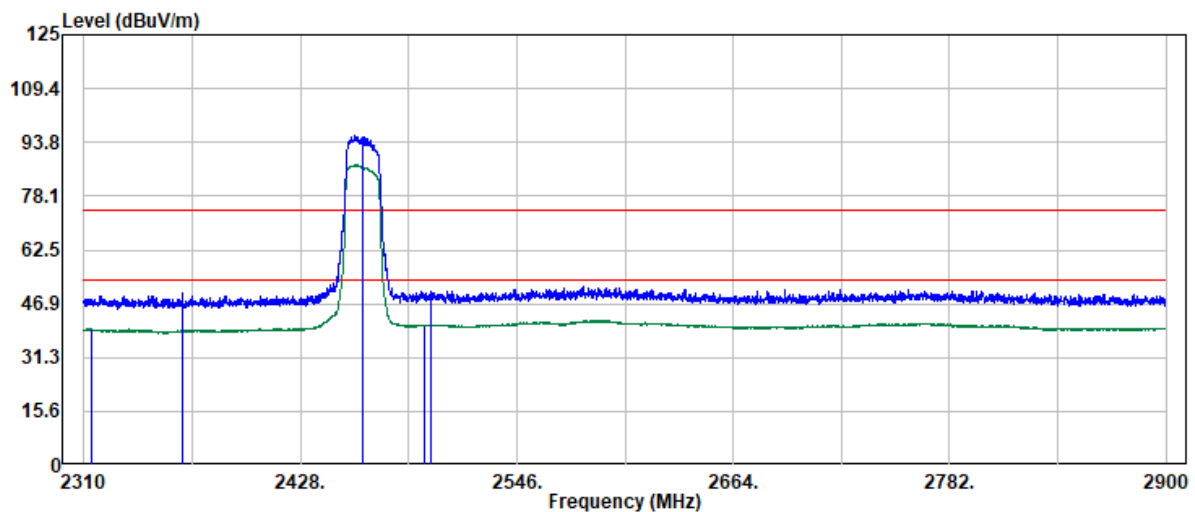
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.53 | 46.90      | 6.32   | 53.22     | 74.00     | -20.78 | Peak          |
| 2390.00 | 38.13      | 6.32   | 44.45     | 54.00     | -9.55  | Average       |
| 2412.00 | 95.17      | 6.40   | 101.57    | --        | --     | Peak          |
| 2412.00 | 87.37      | 6.40   | 93.77     | --        | --     | Average       |
| 2491.37 | 36.42      | 6.82   | 43.24     | 54.00     | -10.76 | Average       |
| 2497.74 | 46.53      | 6.81   | 53.34     | 74.00     | -20.66 | Peak          |

Project No: TM-2503000493P  
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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

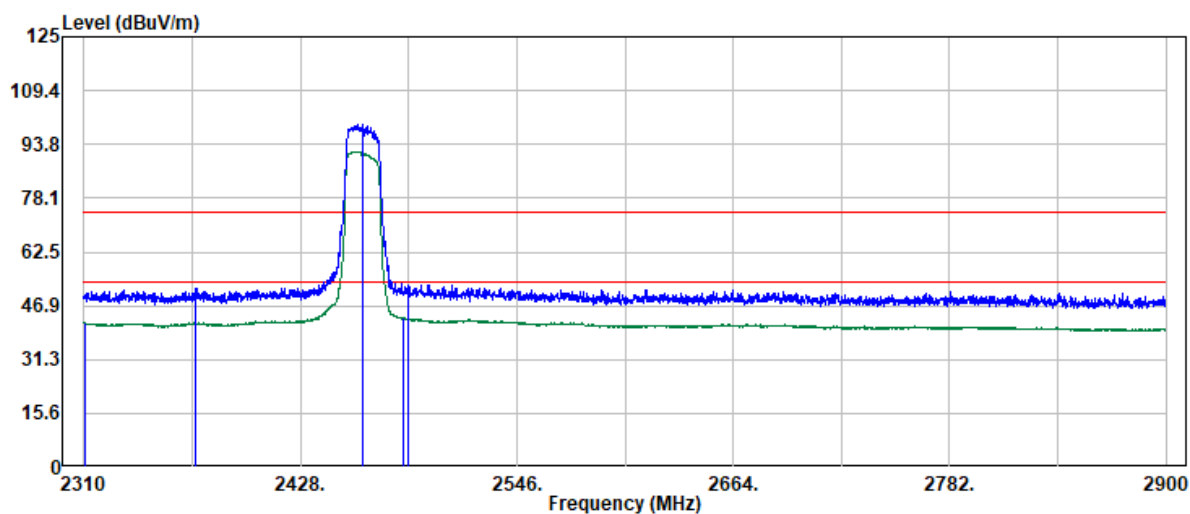
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2314.25 | 33.20      | 6.35   | 39.55     | 54.00     | -14.45 | Average       |
| 2363.45 | 43.85      | 6.15   | 50.00     | 74.00     | -24.00 | Peak          |
| 2462.00 | 89.04      | 6.54   | 95.58     | --        | --     | Peak          |
| 2462.00 | 80.68      | 6.54   | 87.22     | --        | --     | Average       |
| 2495.50 | 33.96      | 6.82   | 40.78     | 54.00     | -13.22 | Average       |
| 2499.51 | 43.76      | 6.81   | 50.57     | 74.00     | -23.43 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

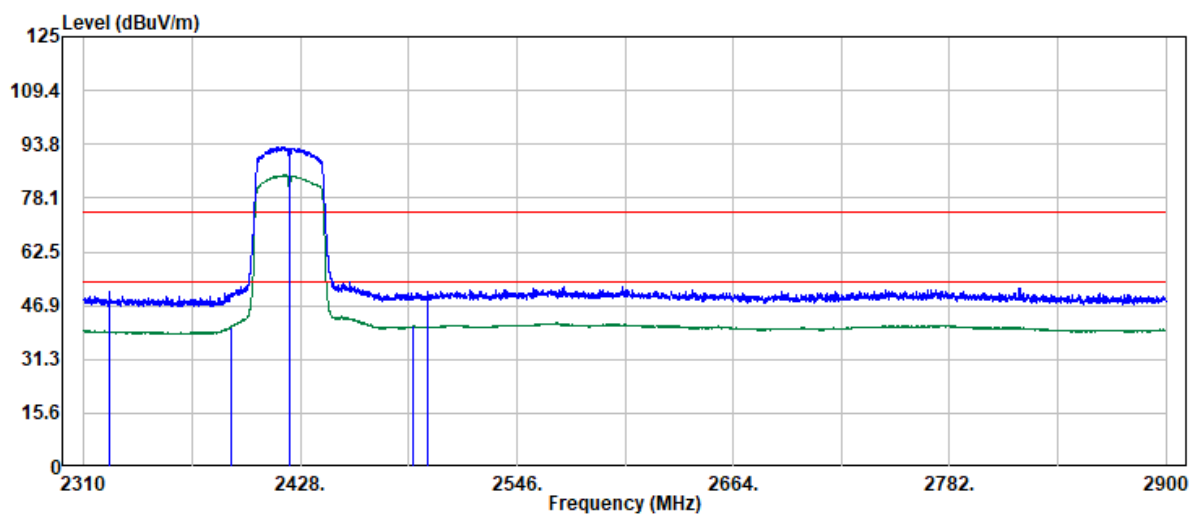
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2310.24 | 35.59      | 6.39   | 41.98     | 54.00     | -12.02 | Average       |
| 2371.24 | 45.67      | 6.20   | 51.87     | 74.00     | -22.13 | Peak          |
| 2462.00 | 93.16      | 6.54   | 99.70     | --        | --     | Peak          |
| 2462.00 | 85.17      | 6.54   | 91.71     | --        | --     | Average       |
| 2483.93 | 36.53      | 6.77   | 43.30     | 54.00     | -10.70 | Average       |
| 2486.53 | 46.05      | 6.80   | 52.85     | 74.00     | -21.15 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

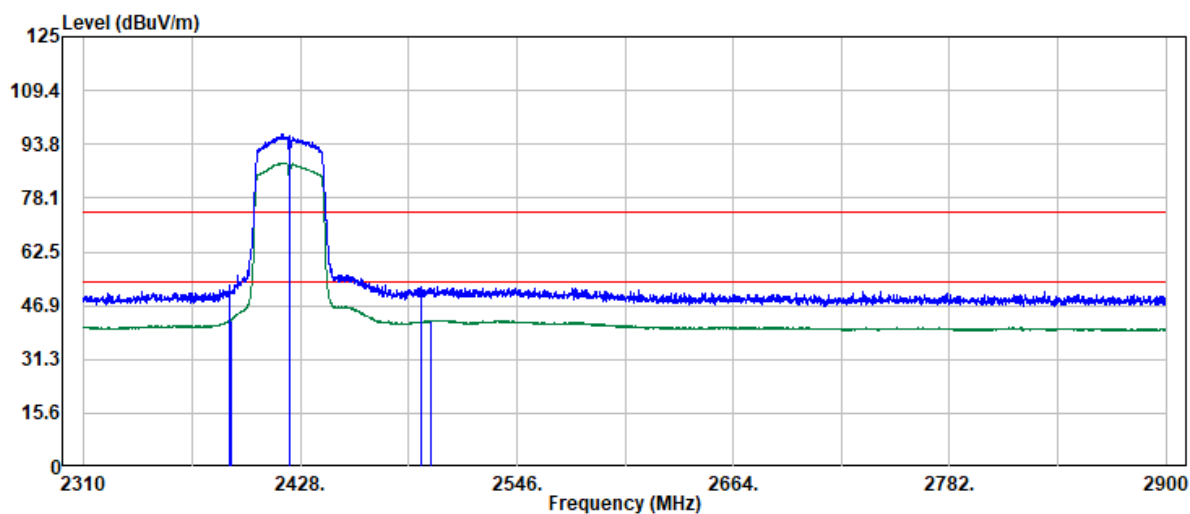
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2324.04 | 44.59      | 6.25   | 50.84     | 74.00     | -23.16 | Peak          |
| 2390.00 | 34.38      | 6.32   | 40.70     | 54.00     | -13.30 | Average       |
| 2422.00 | 86.59      | 6.47   | 93.06     | --        | --     | Peak          |
| 2422.00 | 78.34      | 6.47   | 84.81     | --        | --     | Average       |
| 2489.24 | 34.11      | 6.81   | 40.92     | 54.00     | -13.08 | Average       |
| 2497.38 | 43.90      | 6.82   | 50.72     | 74.00     | -23.28 | Peak          |

Project No: TM-2503000493P  
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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

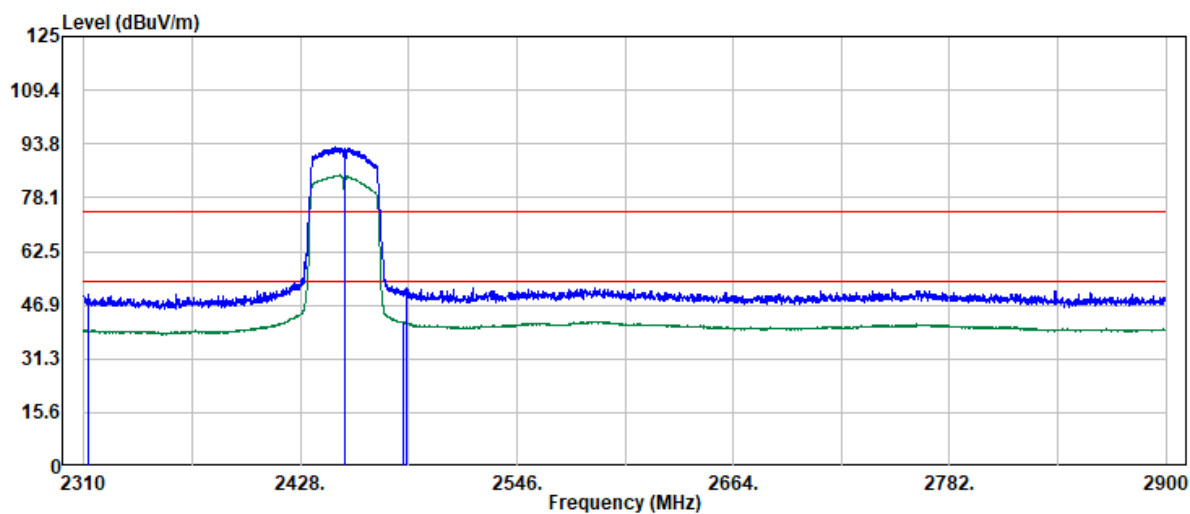
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.18 | 46.30      | 6.32   | 52.62     | 74.00     | -21.38 | Peak          |
| 2390.00 | 36.34      | 6.32   | 42.66     | 54.00     | -11.34 | Average       |
| 2422.00 | 90.14      | 6.47   | 96.61     | --        | --     | Peak          |
| 2422.00 | 81.89      | 6.47   | 88.36     | --        | --     | Average       |
| 2493.61 | 45.34      | 6.81   | 52.15     | 74.00     | -21.85 | Peak          |
| 2499.51 | 35.65      | 6.81   | 42.46     | 54.00     | -11.54 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

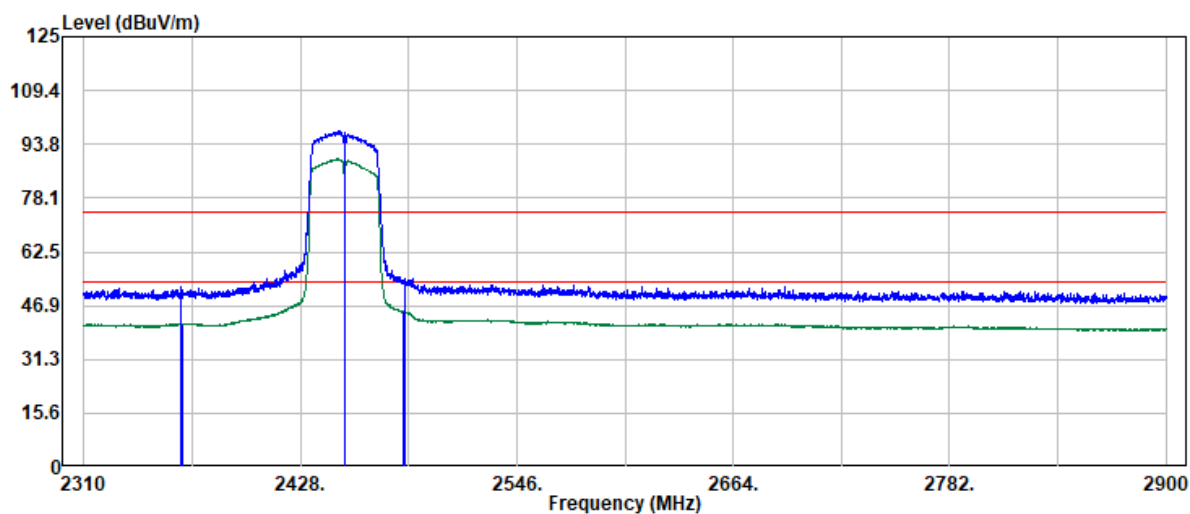
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2312.12 | 43.55      | 6.37   | 49.92     | 74.00     | -24.08 | Peak          |
| 2312.36 | 33.24      | 6.37   | 39.61     | 54.00     | -14.39 | Average       |
| 2452.00 | 86.15      | 6.56   | 92.71     | --        | --     | Peak          |
| 2452.00 | 78.13      | 6.56   | 84.69     | --        | --     | Average       |
| 2484.05 | 35.25      | 6.77   | 42.02     | 54.00     | -11.98 | Average       |
| 2485.58 | 45.01      | 6.79   | 51.80     | 74.00     | -22.20 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



Trace: 1

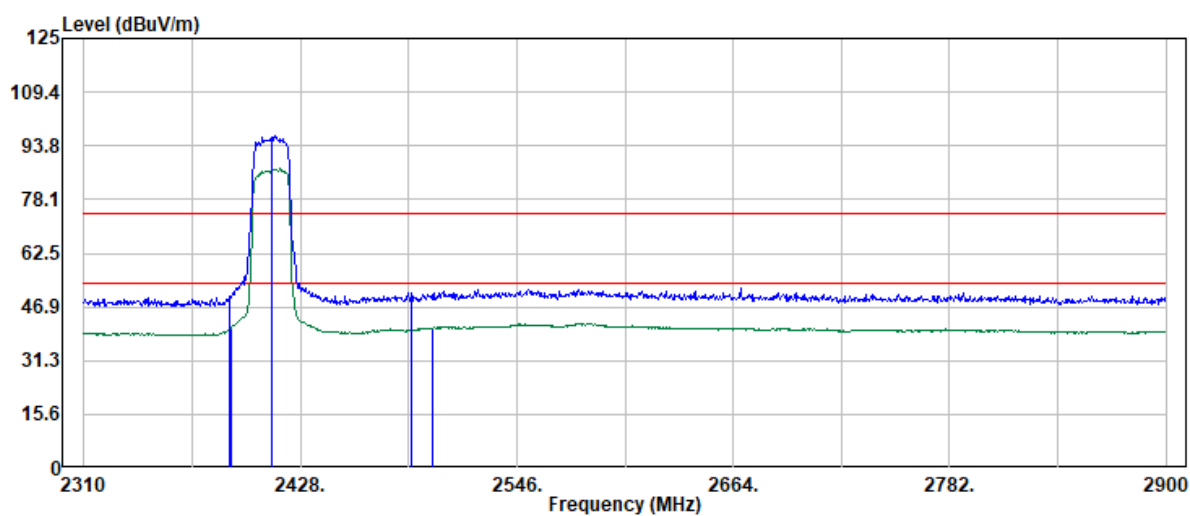
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2363.22 | 46.06      | 6.15   | 52.21     | 74.00     | -21.79 | Peak          |
| 2363.69 | 35.56      | 6.16   | 41.72     | 54.00     | -12.28 | Average       |
| 2452.00 | 91.05      | 6.56   | 97.61     | --        | --     | Peak          |
| 2452.00 | 82.85      | 6.56   | 89.41     | --        | --     | Average       |
| 2483.93 | 38.42      | 6.77   | 45.19     | 54.00     | -8.81  | Average       |
| 2485.23 | 47.89      | 6.78   | 54.67     | 74.00     | -19.33 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

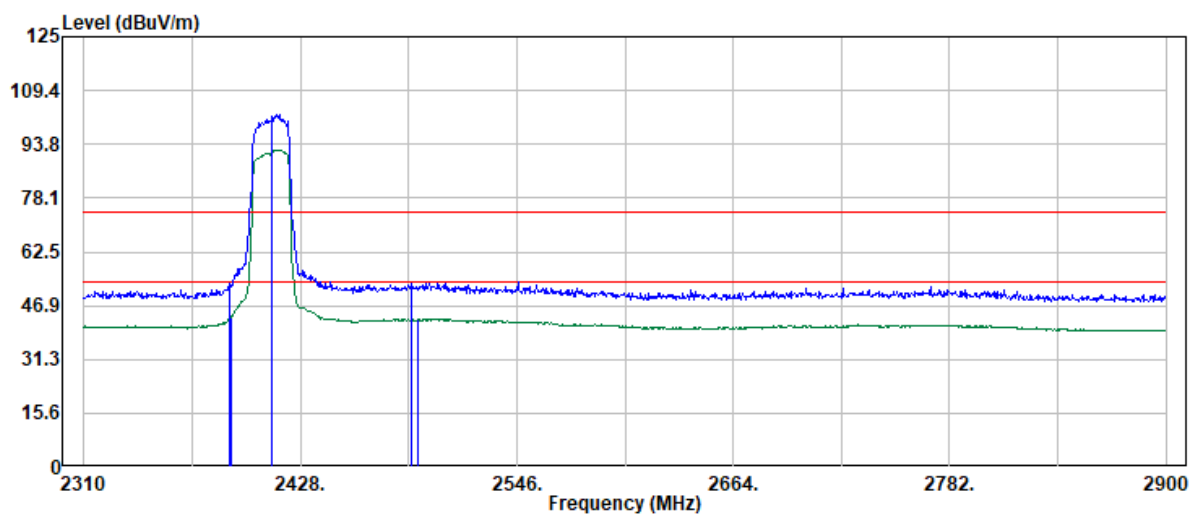
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.43 | 43.74      | 6.32   | 50.06     | 74.00     | -23.94 | Peak          |
| 2389.93 | 34.39      | 6.32   | 40.71     | 54.00     | -13.29 | Average       |
| 2412.00 | 90.16      | 6.40   | 96.56     | --        | --     | Peak          |
| 2412.00 | 80.64      | 6.40   | 87.04     | --        | --     | Average       |
| 2488.85 | 44.05      | 6.81   | 50.86     | 74.00     | -23.14 | Peak          |
| 2499.84 | 33.94      | 6.81   | 40.75     | 54.00     | -13.25 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

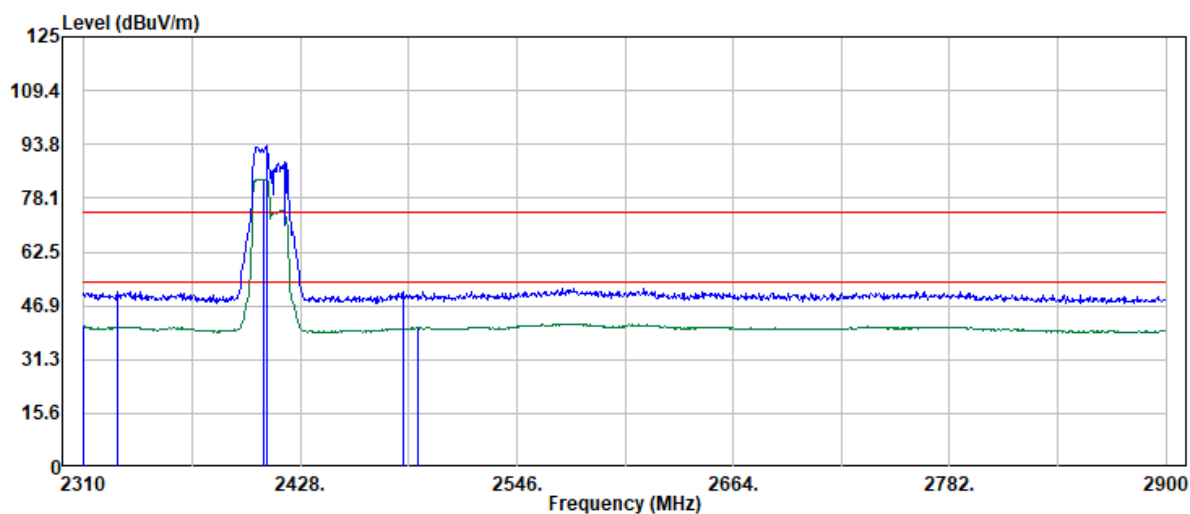
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.43 | 47.12      | 6.32   | 53.44     | 74.00     | -20.56 | Peak          |
| 2389.93 | 36.91      | 6.32   | 43.23     | 54.00     | -10.77 | Average       |
| 2412.00 | 96.18      | 6.40   | 102.58    | --        | --     | Peak          |
| 2412.00 | 85.54      | 6.40   | 91.94     | --        | --     | Average       |
| 2488.85 | 46.51      | 6.81   | 53.32     | 74.00     | -20.68 | Peak          |
| 2492.35 | 36.04      | 6.82   | 42.86     | 54.00     | -11.14 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax20(106/53)  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

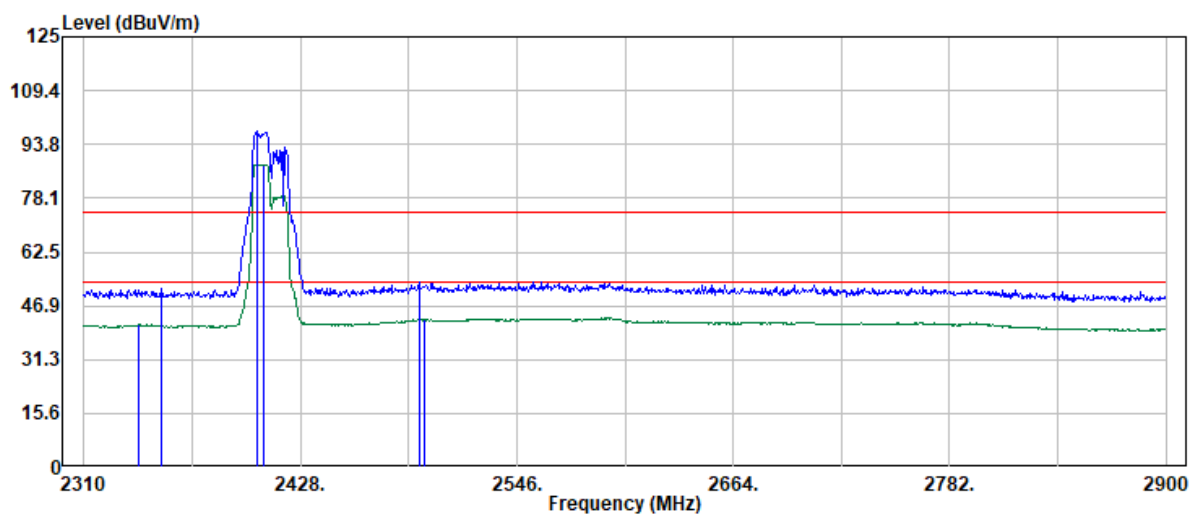
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2310.00 | 34.54      | 6.40   | 40.94     | 54.00     | -13.06 | Average       |
| 2327.99 | 44.70      | 6.24   | 50.94     | 74.00     | -23.06 | Peak          |
| 2408.42 | 77.06      | 6.38   | 83.44     | --        | --     | Average       |
| 2409.42 | 87.02      | 6.38   | 93.40     | --        | --     | Peak          |
| 2483.85 | 44.07      | 6.77   | 50.84     | 74.00     | -23.16 | Peak          |
| 2491.85 | 33.67      | 6.82   | 40.49     | 54.00     | -13.51 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax20(106/53)  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

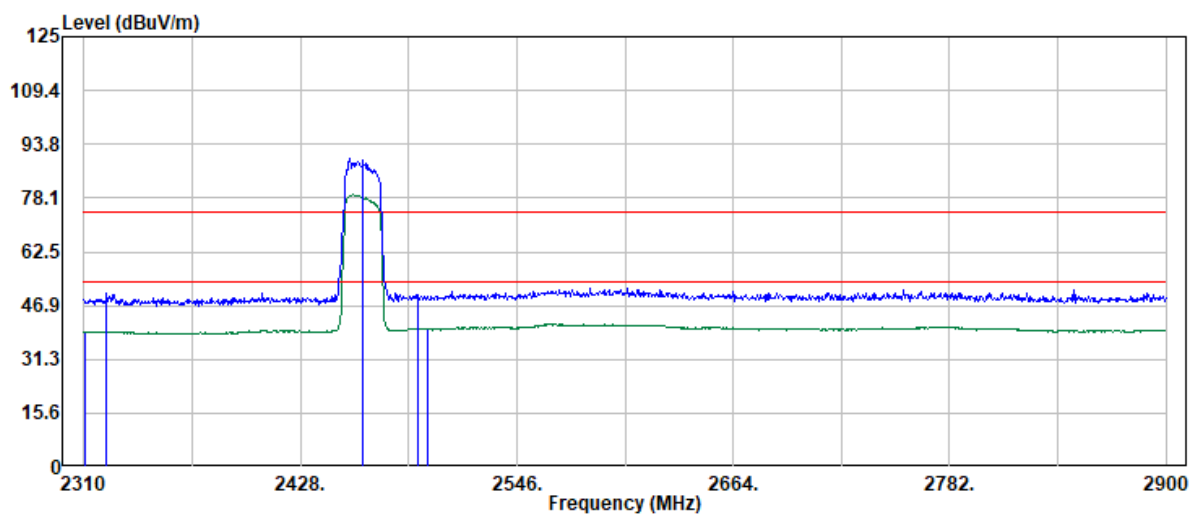
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2339.98 | 35.20      | 6.20   | 41.40     | 54.00     | -12.60 | Average       |
| 2352.46 | 45.62      | 6.08   | 51.70     | 74.00     | -22.30 | Peak          |
| 2404.42 | 91.24      | 6.37   | 97.61     | --        | --     | Peak          |
| 2408.42 | 81.47      | 6.38   | 87.85     | --        | --     | Average       |
| 2492.85 | 46.87      | 6.82   | 53.69     | 74.00     | -20.31 | Peak          |
| 2495.34 | 36.02      | 6.82   | 42.84     | 54.00     | -11.16 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

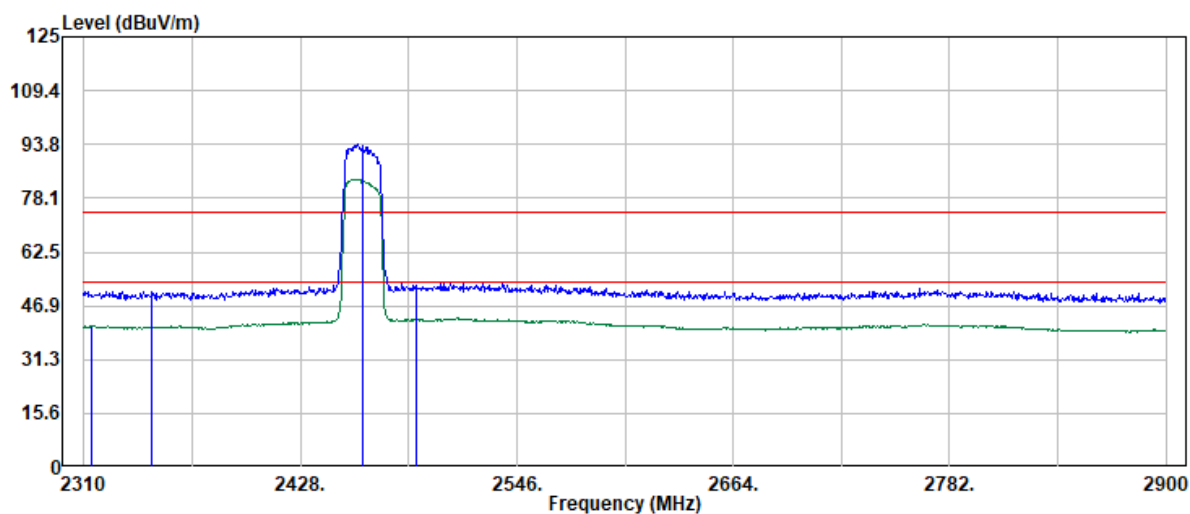
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2310.50 | 32.97      | 6.39   | 39.36     | 54.00     | -14.64 | Average       |
| 2322.49 | 44.09      | 6.26   | 50.35     | 74.00     | -23.65 | Peak          |
| 2462.00 | 83.05      | 6.54   | 89.59     | --        | --     | Peak          |
| 2462.00 | 72.60      | 6.54   | 79.14     | --        | --     | Average       |
| 2492.35 | 43.05      | 6.82   | 49.87     | 74.00     | -24.13 | Peak          |
| 2497.84 | 33.41      | 6.81   | 40.22     | 54.00     | -13.78 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

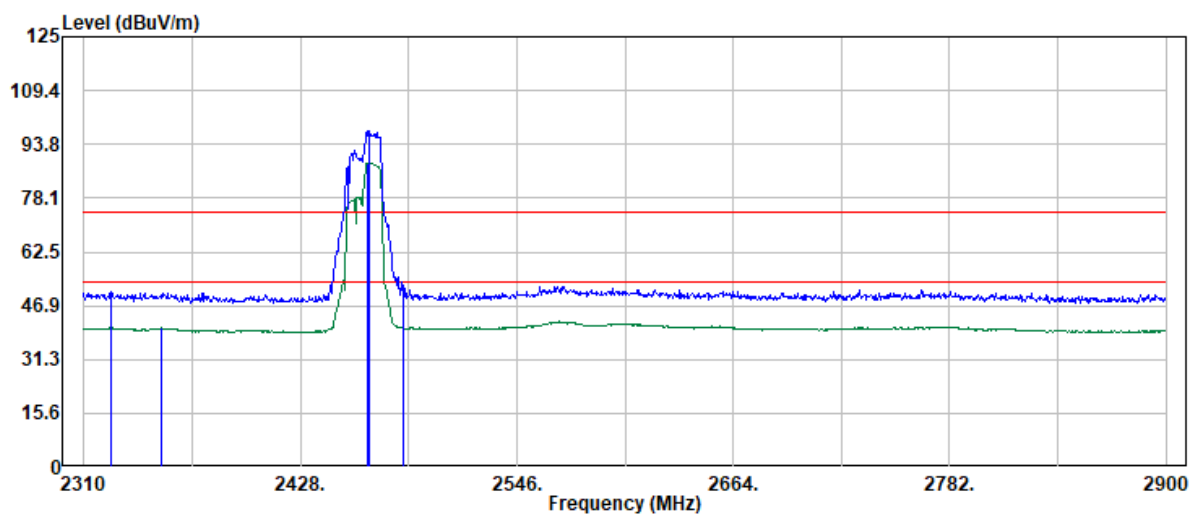
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2314.50 | 34.56      | 6.35   | 40.91     | 54.00     | -13.09 | Average       |
| 2346.97 | 45.05      | 6.11   | 51.16     | 74.00     | -22.84 | Peak          |
| 2462.00 | 87.34      | 6.54   | 93.88     | --        | --     | Peak          |
| 2462.00 | 77.02      | 6.54   | 83.56     | --        | --     | Average       |
| 2490.85 | 46.08      | 6.82   | 52.90     | 74.00     | -21.10 | Peak          |
| 2491.35 | 36.07      | 6.82   | 42.89     | 54.00     | -11.11 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax20(106/54)  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

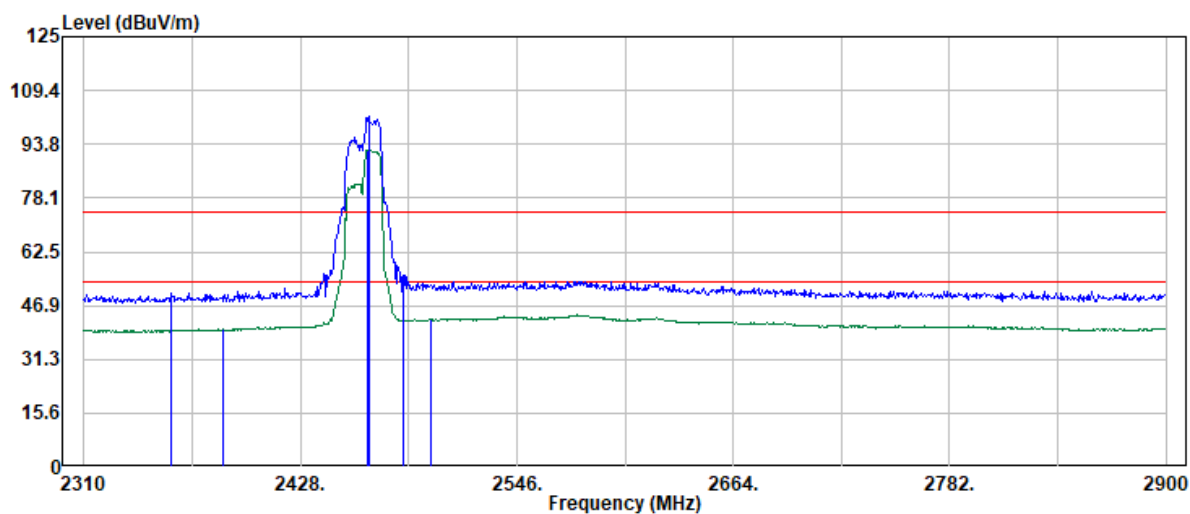
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2324.99 | 44.84      | 6.25   | 51.09     | 74.00     | -22.91 | Peak          |
| 2351.96 | 34.37      | 6.08   | 40.45     | 54.00     | -13.55 | Average       |
| 2464.87 | 81.79      | 6.54   | 88.33     | --        | --     | Average       |
| 2465.37 | 91.26      | 6.55   | 97.81     | --        | --     | Peak          |
| 2484.35 | 45.93      | 6.76   | 52.69     | 74.00     | -21.31 | Peak          |
| 2484.35 | 33.74      | 6.76   | 40.50     | 54.00     | -13.50 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax20(106/54)  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

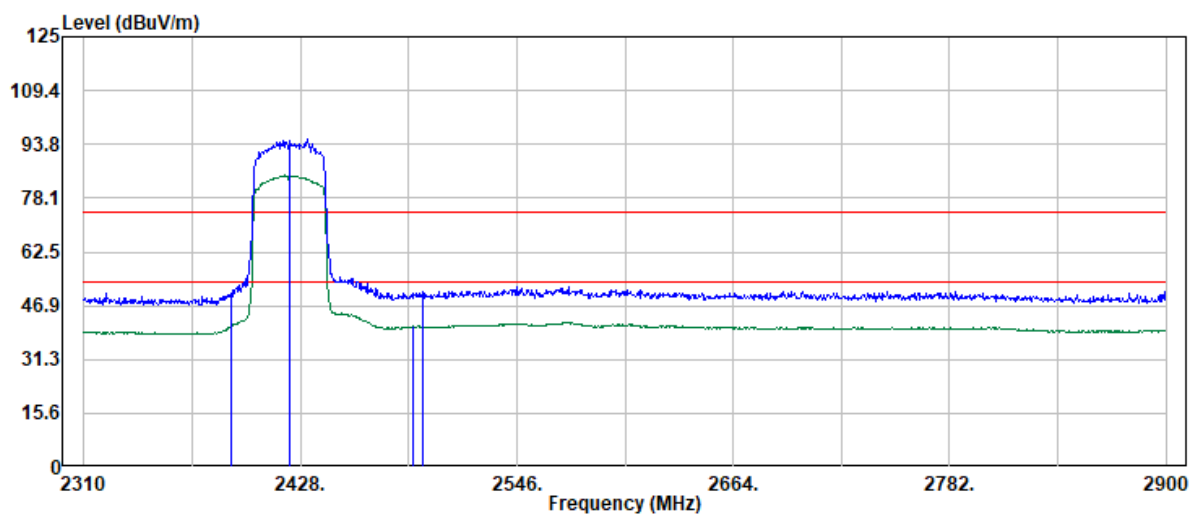
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2357.96 | 44.33      | 6.12   | 50.45     | 74.00     | -23.55 | Peak          |
| 2385.44 | 33.68      | 6.29   | 39.97     | 54.00     | -14.03 | Average       |
| 2464.87 | 85.52      | 6.54   | 92.06     | --        | --     | Average       |
| 2465.37 | 95.19      | 6.55   | 101.74    | --        | --     | Peak          |
| 2483.85 | 49.09      | 6.77   | 55.86     | 74.00     | -18.14 | Peak          |
| 2498.84 | 36.06      | 6.81   | 42.87     | 54.00     | -11.13 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

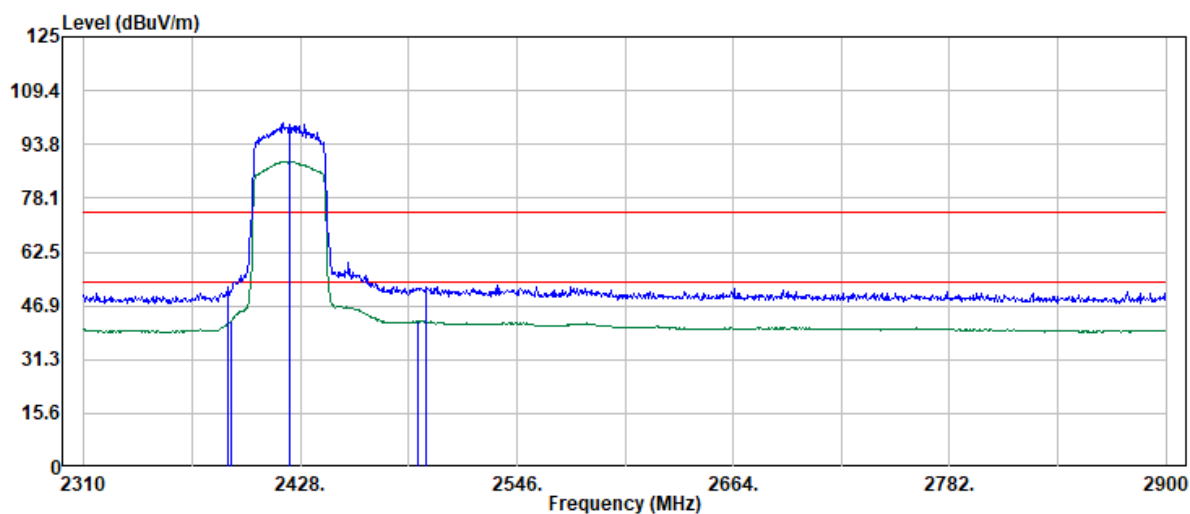
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.93 | 44.26      | 6.32   | 50.58     | 74.00     | -23.42 | Peak          |
| 2389.93 | 34.40      | 6.32   | 40.72     | 54.00     | -13.28 | Average       |
| 2422.00 | 88.66      | 6.47   | 95.13     | --        | --     | Peak          |
| 2422.00 | 78.25      | 6.47   | 84.72     | --        | --     | Average       |
| 2489.35 | 34.04      | 6.81   | 40.85     | 54.00     | -13.15 | Average       |
| 2494.34 | 44.07      | 6.81   | 50.88     | 74.00     | -23.12 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

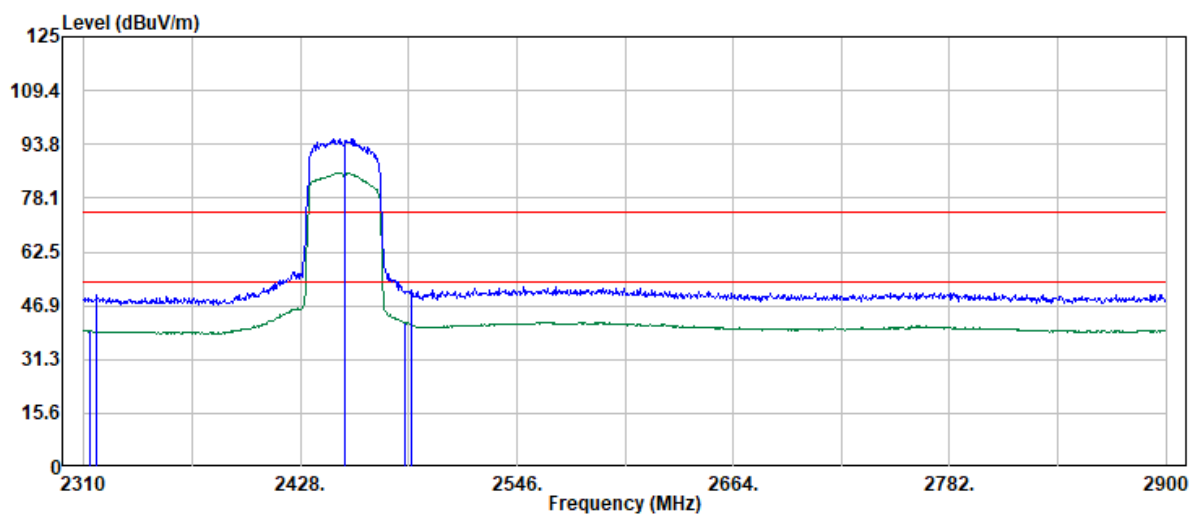
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2388.93 | 45.81      | 6.32   | 52.13     | 74.00     | -21.87 | Peak          |
| 2389.93 | 36.02      | 6.32   | 42.34     | 54.00     | -11.66 | Average       |
| 2422.00 | 93.55      | 6.47   | 100.02    | --        | --     | Peak          |
| 2422.00 | 82.42      | 6.47   | 88.89     | --        | --     | Average       |
| 2491.85 | 35.61      | 6.82   | 42.43     | 54.00     | -11.57 | Average       |
| 2496.84 | 45.45      | 6.82   | 52.27     | 74.00     | -21.73 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

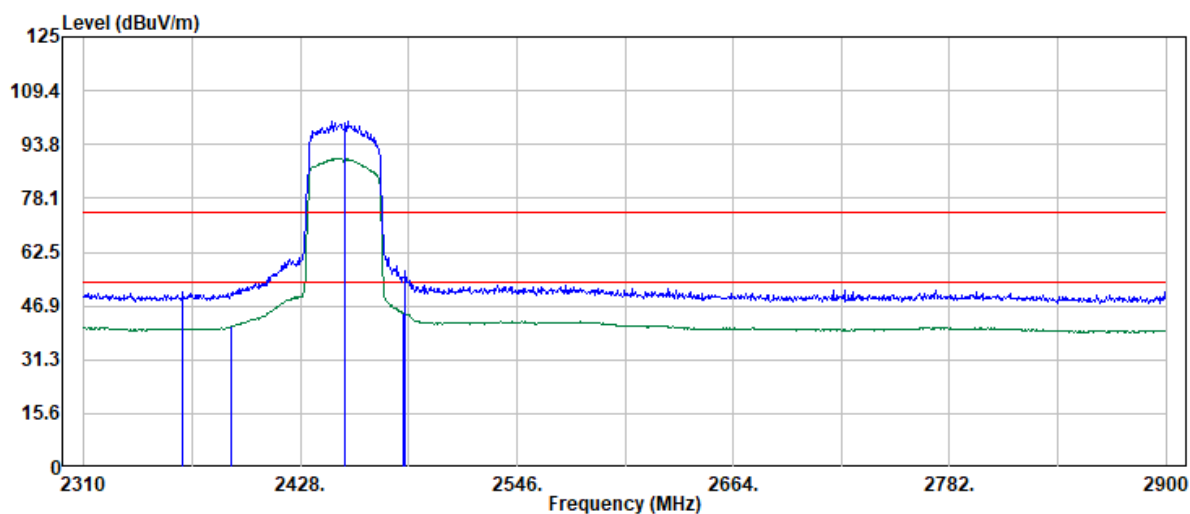
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2313.00 | 33.15      | 6.36   | 39.51     | 54.00     | -14.49 | Average       |
| 2316.99 | 43.68      | 6.31   | 49.99     | 74.00     | -24.01 | Peak          |
| 2452.00 | 88.81      | 6.56   | 95.37     | --        | --     | Peak          |
| 2452.00 | 78.82      | 6.56   | 85.38     | --        | --     | Average       |
| 2484.85 | 35.38      | 6.77   | 42.15     | 54.00     | -11.85 | Average       |
| 2488.85 | 44.44      | 6.81   | 51.25     | 74.00     | -22.75 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting :

Test Date : 2025-07-03  
Temp./Humi. : 25.5/53  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



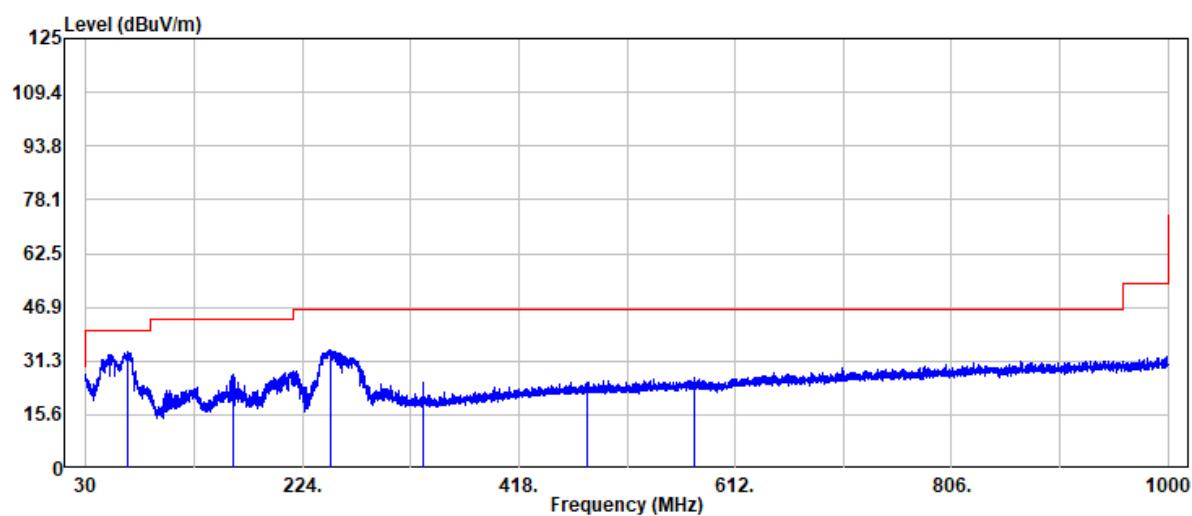
Trace: 1

| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2363.95 | 44.81      | 6.16   | 50.97     | 74.00     | -23.03 | Peak          |
| 2389.93 | 34.48      | 6.32   | 40.80     | 54.00     | -13.20 | Average       |
| 2452.00 | 93.76      | 6.56   | 100.32    | --        | --     | Peak          |
| 2452.00 | 83.19      | 6.56   | 89.75     | --        | --     | Average       |
| 2483.85 | 38.13      | 6.77   | 44.90     | 54.00     | -9.10  | Average       |
| 2485.35 | 50.33      | 6.78   | 57.11     | 74.00     | -16.89 | Peak          |

## TX Test Data

Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



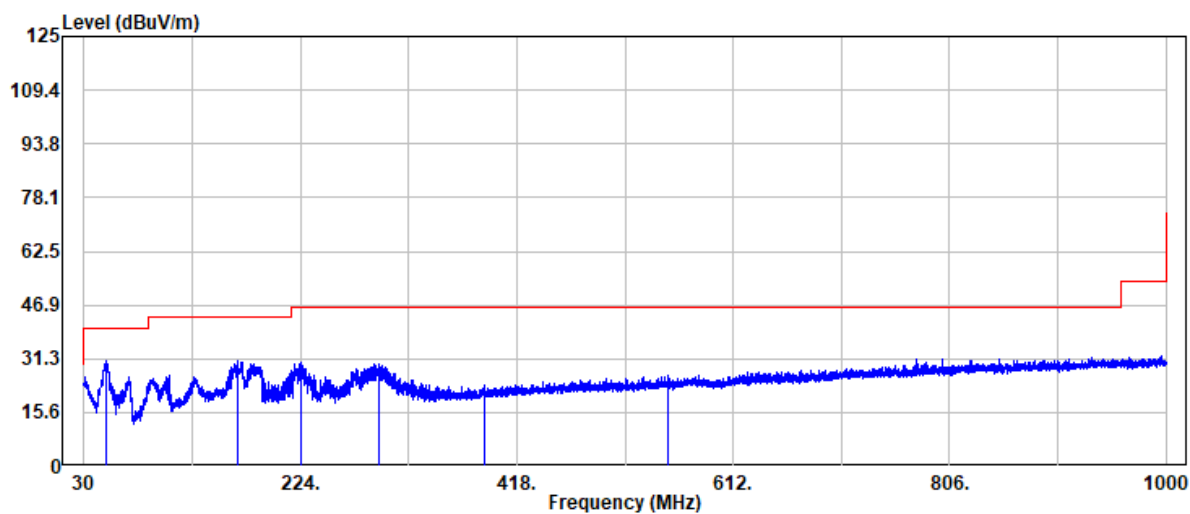
| Freq   | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|--------|------------|--------|-----------|-----------|--------|---------------|
| -----  | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz    | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 68.07  | 49.33      | -15.54 | 33.79     | 40.00     | -6.21  | Peak          |
| 162.65 | 38.62      | -11.23 | 27.39     | 43.50     | -16.11 | Peak          |
| 248.61 | 46.05      | -11.42 | 34.63     | 46.00     | -11.37 | Peak          |
| 332.52 | 33.88      | -8.78  | 25.10     | 46.00     | -20.90 | Peak          |
| 478.99 | 29.58      | -4.53  | 25.05     | 46.00     | -20.95 | Peak          |
| 575.26 | 29.70      | -3.15  | 26.55     | 46.00     | -19.45 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-05  
Temp./Humi. : 25.2/54  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



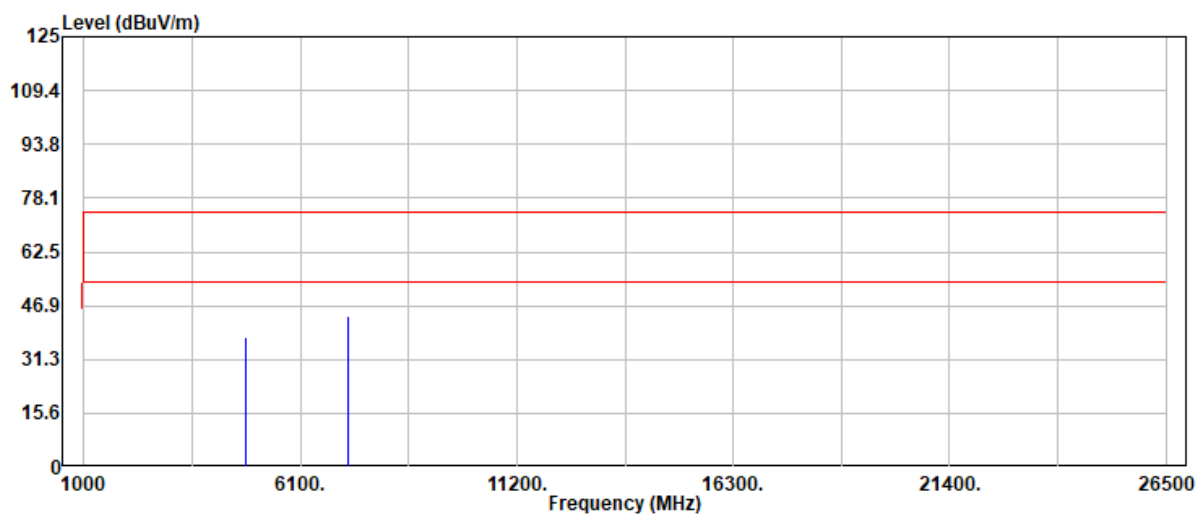
| Freq   | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|--------|------------|--------|-----------|-----------|--------|---------------|
| -----  | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz    | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 50.01  | 46.69      | -15.88 | 30.81     | 40.00     | -9.19  | Peak          |
| 167.50 | 42.30      | -11.51 | 30.79     | 43.50     | -12.71 | Peak          |
| 225.21 | 42.71      | -12.30 | 30.41     | 46.00     | -15.59 | Peak          |
| 293.84 | 38.93      | -9.42  | 29.51     | 46.00     | -16.49 | Peak          |
| 388.54 | 31.04      | -7.23  | 23.81     | 46.00     | -22.19 | Peak          |
| 553.44 | 29.90      | -3.64  | 26.26     | 46.00     | -19.74 | Peak          |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



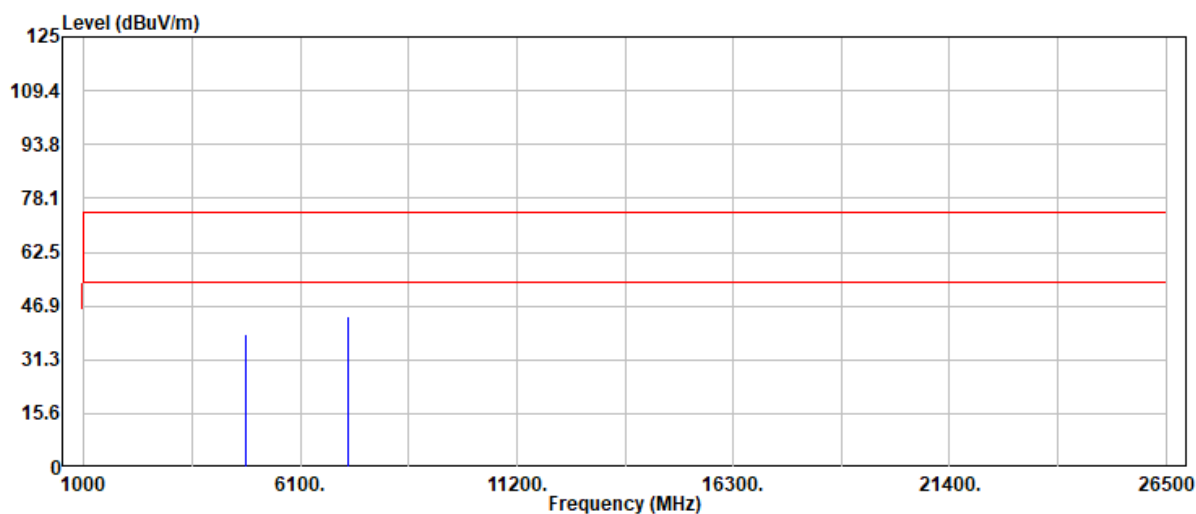
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 35.40      | 2.39   | 37.79     | 74.00     | -36.21 | Peak          |
| 4824.00 | 28.67      | 2.39   | 31.06     | 54.00     | -22.94 | Average       |
| 7236.00 | 34.60      | 9.13   | 43.73     | 74.00     | -30.27 | Peak          |
| 7236.00 | 27.54      | 9.13   | 36.67     | 54.00     | -17.33 | Average       |

Project No: TM-2503000493P  
Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



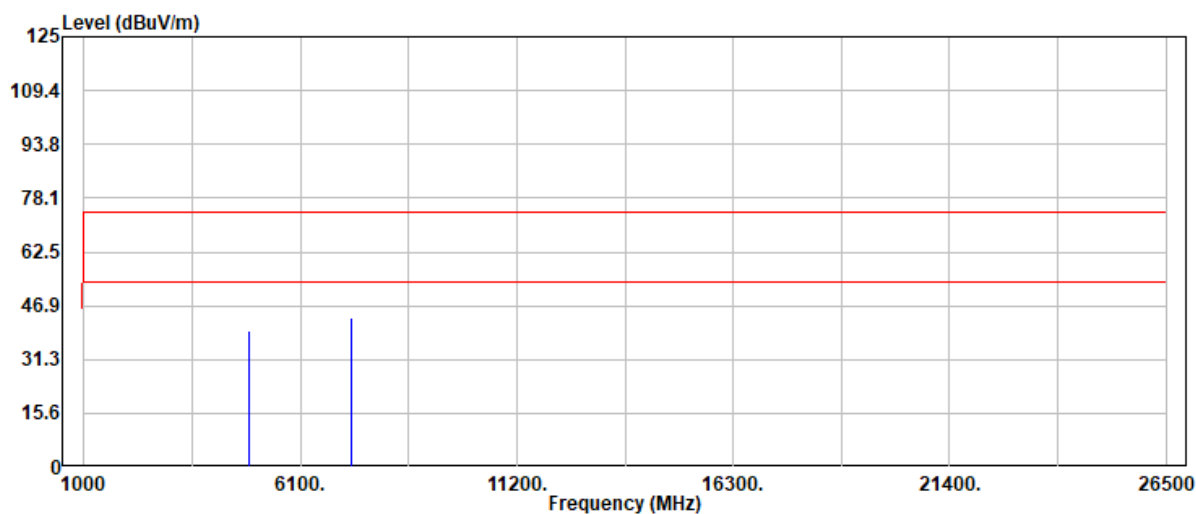
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 36.18      | 2.39   | 38.57     | 74.00     | -35.43 | Peak          |
| 4824.00 | 28.83      | 2.39   | 31.22     | 54.00     | -22.78 | Average       |
| 7236.00 | 34.52      | 9.13   | 43.65     | 74.00     | -30.35 | Peak          |
| 7236.00 | 27.53      | 9.13   | 36.66     | 54.00     | -17.34 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



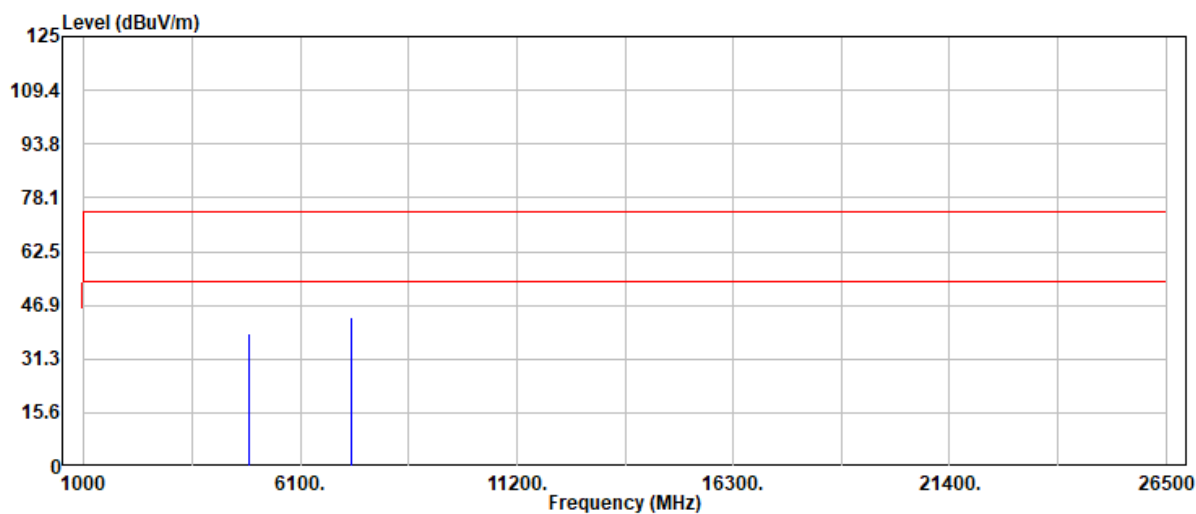
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 37.00      | 2.61   | 39.61     | 74.00     | -34.39 | Peak          |
| 4874.00 | 28.75      | 2.61   | 31.36     | 54.00     | -22.64 | Average       |
| 7311.00 | 34.18      | 9.31   | 43.49     | 74.00     | -30.51 | Peak          |
| 7311.00 | 27.57      | 9.31   | 36.88     | 54.00     | -17.12 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



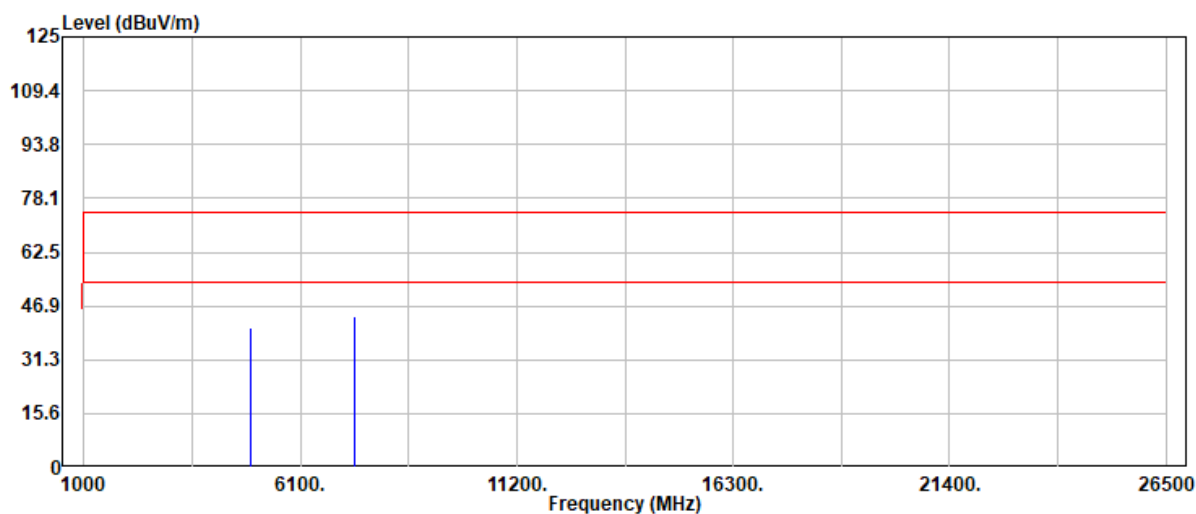
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 36.11      | 2.61   | 38.72     | 74.00     | -35.28 | Peak          |
| 4874.00 | 27.73      | 2.61   | 30.34     | 54.00     | -23.66 | Average       |
| 7311.00 | 34.11      | 9.31   | 43.42     | 74.00     | -30.58 | Peak          |
| 7311.00 | 26.55      | 9.31   | 35.86     | 54.00     | -18.14 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



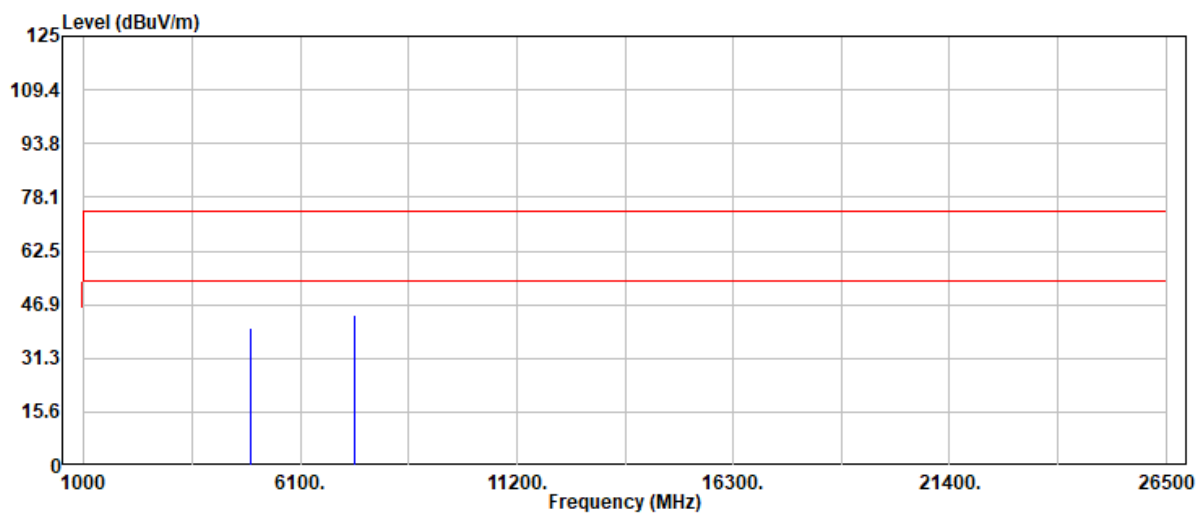
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 37.26      | 3.15   | 40.41     | 74.00     | -33.59 | Peak          |
| 4924.00 | 27.69      | 3.15   | 30.84     | 54.00     | -23.16 | Average       |
| 7386.00 | 34.28      | 9.53   | 43.81     | 74.00     | -30.19 | Peak          |
| 7386.00 | 26.72      | 9.53   | 36.25     | 54.00     | -17.75 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11b\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



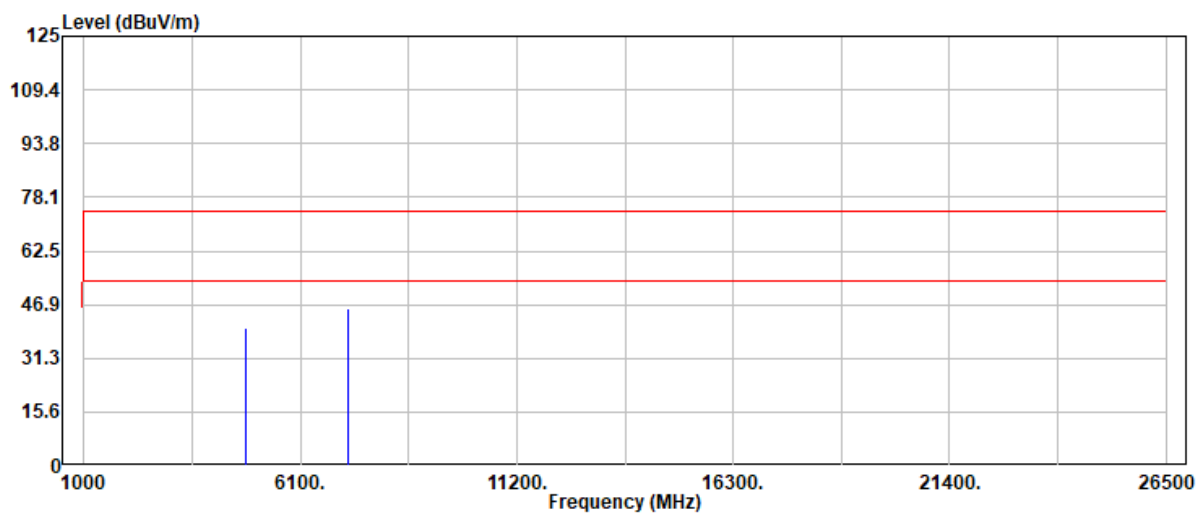
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 37.17      | 3.15   | 40.32     | 74.00     | -33.68 | Peak          |
| 4924.00 | 28.30      | 3.15   | 31.45     | 54.00     | -22.55 | Average       |
| 7386.00 | 34.52      | 9.53   | 44.05     | 74.00     | -29.95 | Peak          |
| 7386.00 | 27.50      | 9.53   | 37.03     | 54.00     | -16.97 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



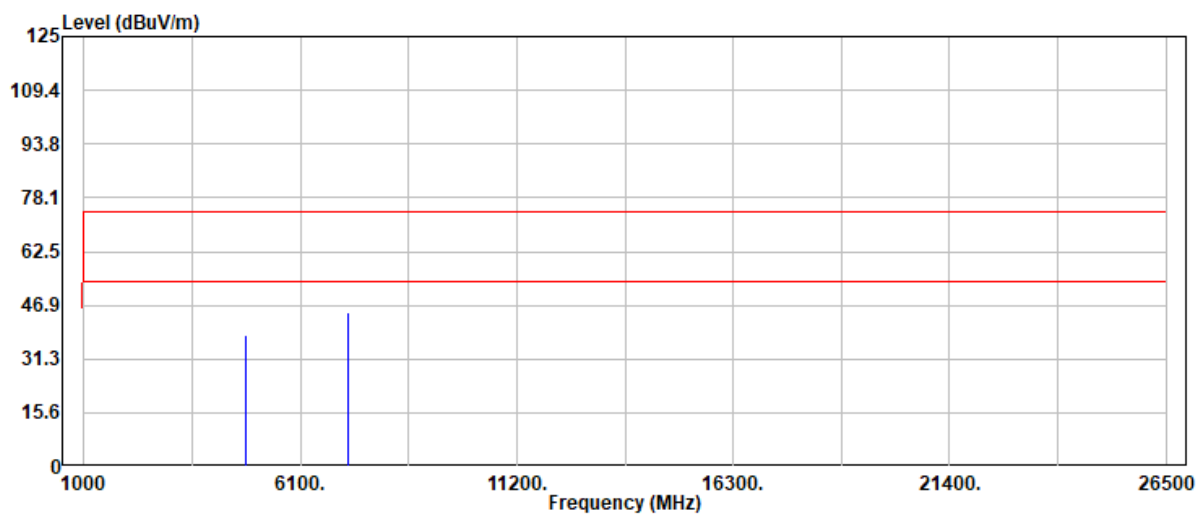
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|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 37.48      | 2.39   | 39.87     | 74.00     | -34.13 | Peak          |
| 4824.00 | 27.83      | 2.39   | 30.22     | 54.00     | -23.78 | Average       |
| 7236.00 | 36.69      | 9.13   | 45.82     | 74.00     | -28.18 | Peak          |
| 7236.00 | 26.63      | 9.13   | 35.76     | 54.00     | -18.24 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



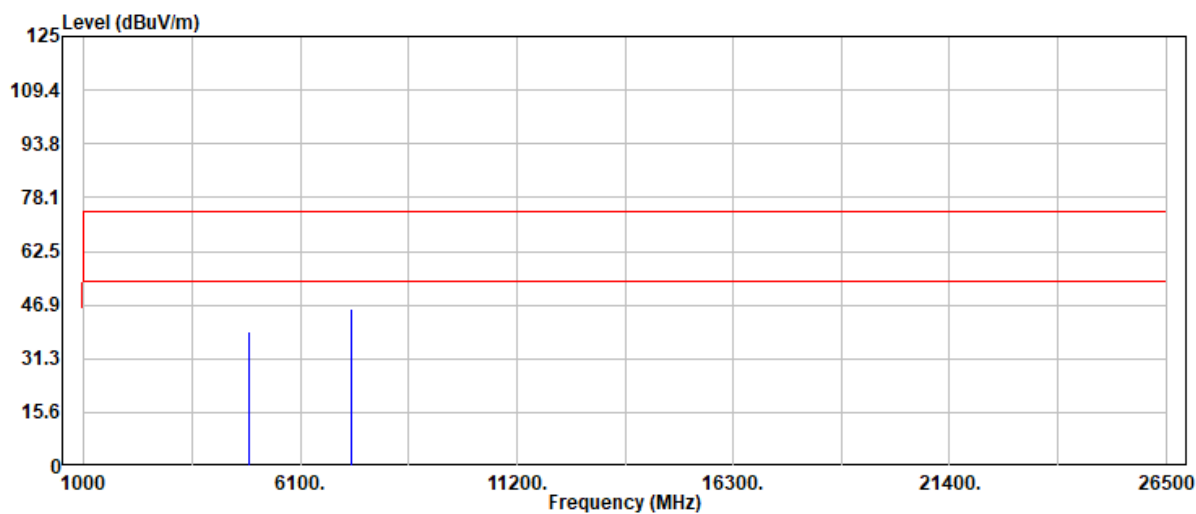
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 35.79      | 2.39   | 38.18     | 74.00     | -35.82 | Peak          |
| 4824.00 | 28.75      | 2.39   | 31.14     | 54.00     | -22.86 | Average       |
| 7236.00 | 35.71      | 9.13   | 44.84     | 74.00     | -29.16 | Peak          |
| 7236.00 | 26.71      | 9.13   | 35.84     | 54.00     | -18.16 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



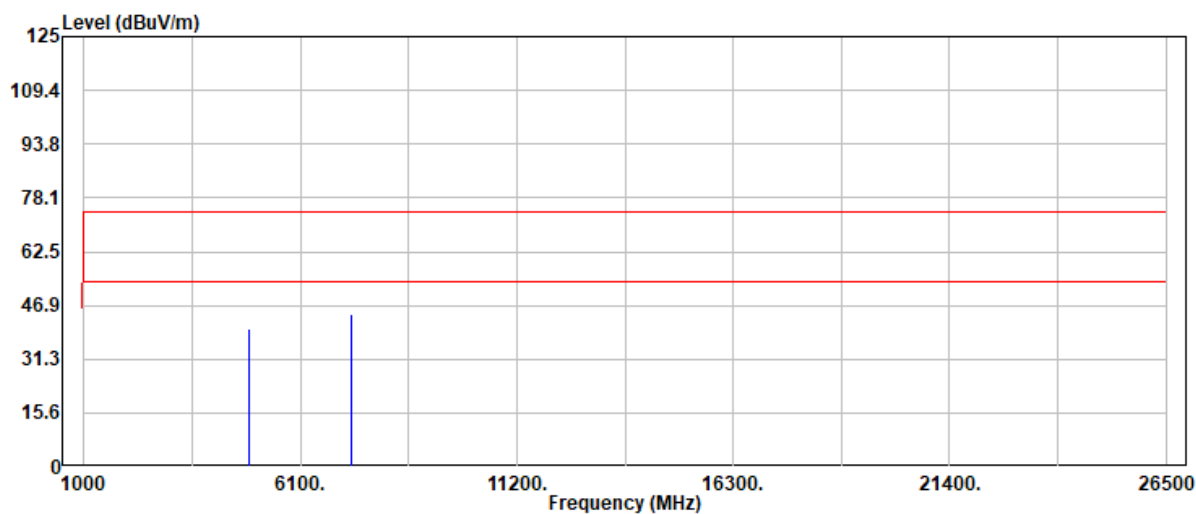
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 36.36      | 2.61   | 38.97     | 74.00     | -35.03 | Peak          |
| 4874.00 | 27.56      | 2.61   | 30.17     | 54.00     | -23.83 | Average       |
| 7311.00 | 36.33      | 9.31   | 45.64     | 74.00     | -28.36 | Peak          |
| 7311.00 | 26.84      | 9.31   | 36.15     | 54.00     | -17.85 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



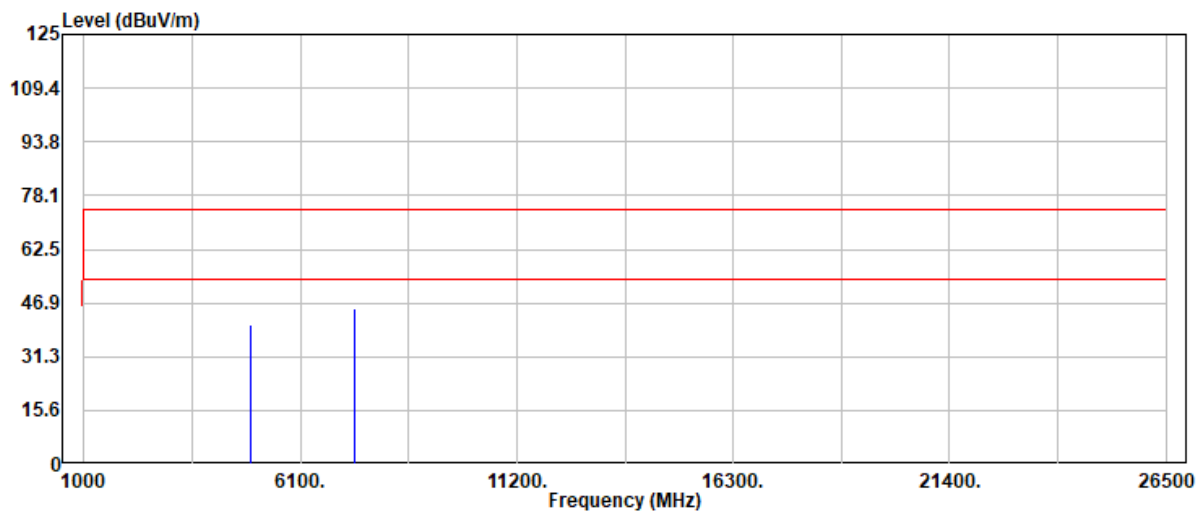
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 37.34      | 2.61   | 39.95     | 74.00     | -34.05 | Peak          |
| 4874.00 | 28.45      | 2.61   | 31.06     | 54.00     | -22.94 | Average       |
| 7311.00 | 35.10      | 9.31   | 44.41     | 74.00     | -29.59 | Peak          |
| 7311.00 | 27.18      | 9.31   | 36.49     | 54.00     | -17.51 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



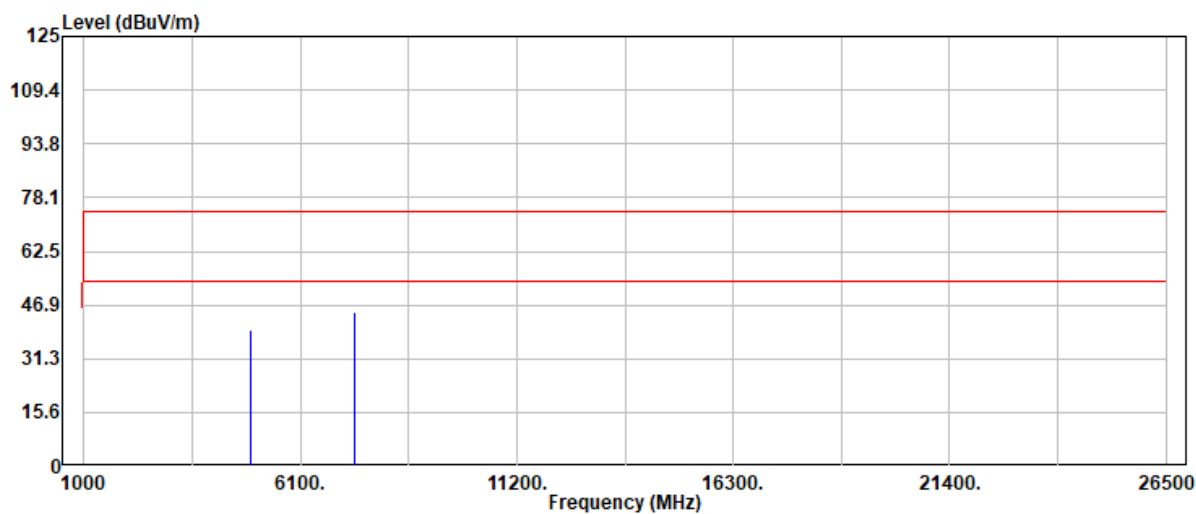
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 37.31      | 3.15   | 40.46     | 74.00     | -33.54 | Peak          |
| 4924.00 | 28.44      | 3.15   | 31.59     | 54.00     | -22.41 | Average       |
| 7386.00 | 35.60      | 9.53   | 45.13     | 74.00     | -28.87 | Peak          |
| 7386.00 | 27.24      | 9.53   | 36.77     | 54.00     | -17.23 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11g\_CH0  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



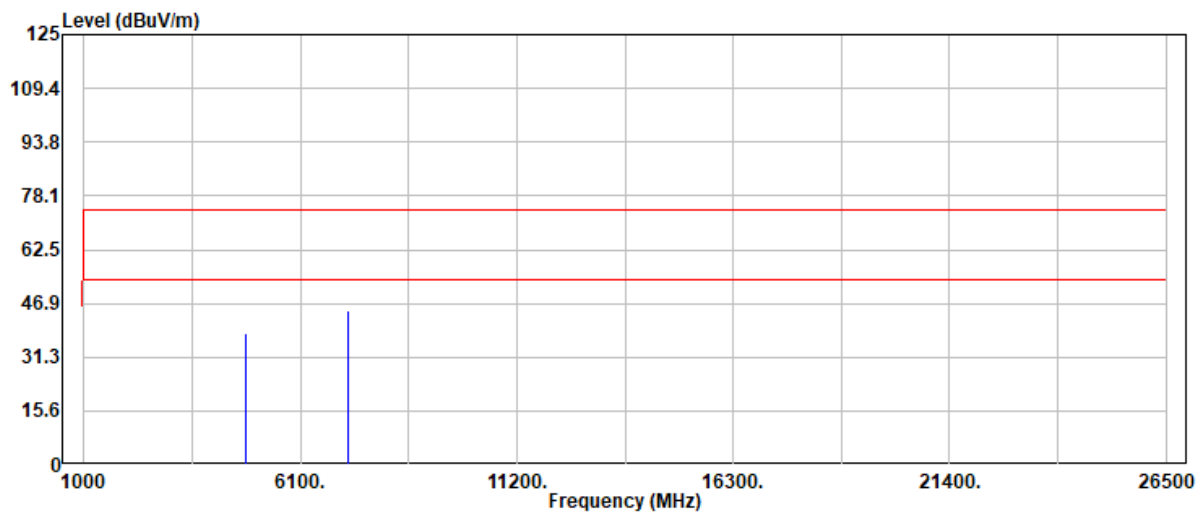
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.66      | 3.15   | 39.81     | 74.00     | -34.19 | Peak          |
| 4924.00 | 28.44      | 3.15   | 31.59     | 54.00     | -22.41 | Average       |
| 7386.00 | 35.34      | 9.53   | 44.87     | 74.00     | -29.13 | Peak          |
| 7386.00 | 27.25      | 9.53   | 36.78     | 54.00     | -17.22 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



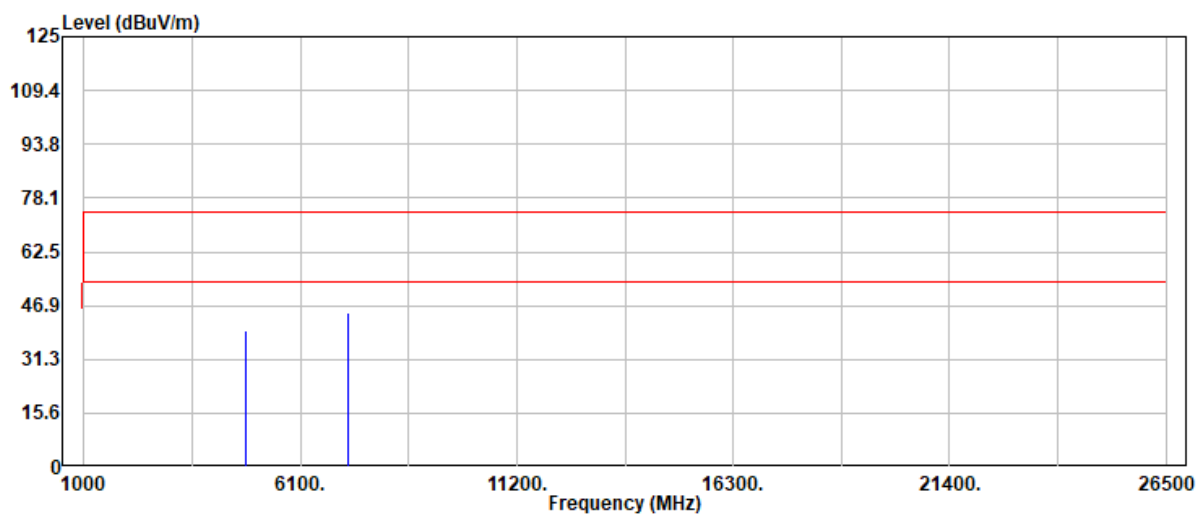
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 35.93      | 2.39   | 38.32     | 74.00     | -35.68 | Peak          |
| 4824.00 | 29.03      | 2.39   | 31.42     | 54.00     | -22.58 | Average       |
| 7236.00 | 35.74      | 9.13   | 44.87     | 74.00     | -29.13 | Peak          |
| 7236.00 | 27.84      | 9.13   | 36.97     | 54.00     | -17.03 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



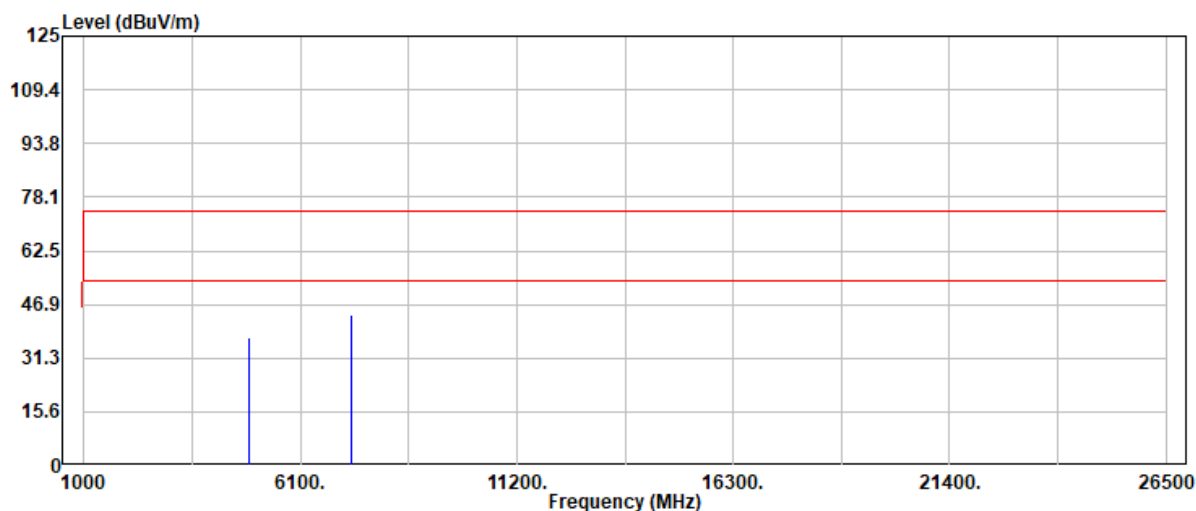
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 37.05      | 2.39   | 39.44     | 74.00     | -34.56 | Peak          |
| 4824.00 | 29.21      | 2.39   | 31.60     | 54.00     | -22.40 | Average       |
| 7236.00 | 35.85      | 9.13   | 44.98     | 74.00     | -29.02 | Peak          |
| 7236.00 | 27.64      | 9.13   | 36.77     | 54.00     | -17.23 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



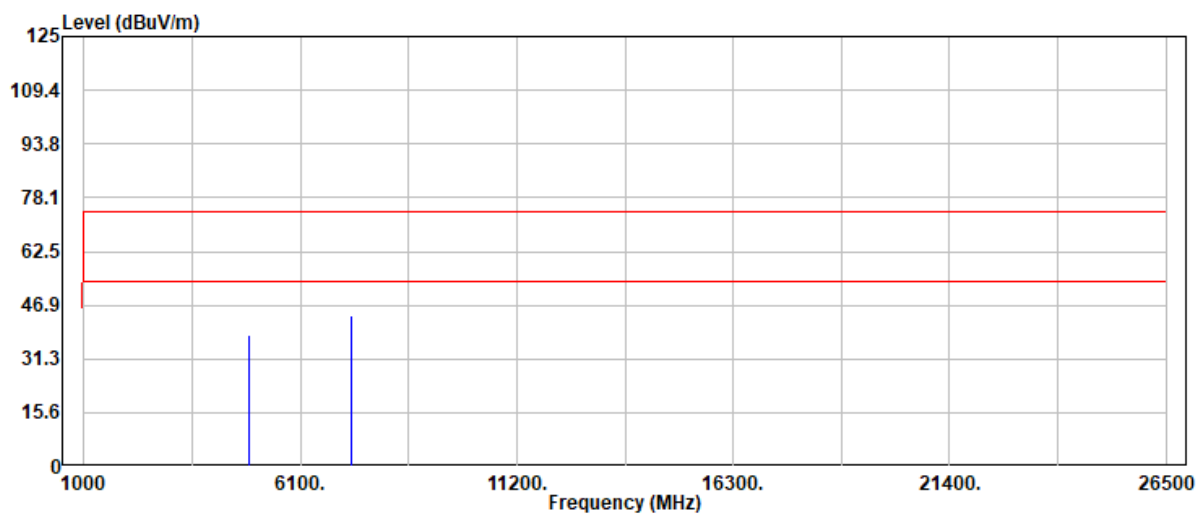
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 34.70      | 2.61   | 37.31     | 74.00     | -36.69 | Peak          |
| 4874.00 | 28.73      | 2.61   | 31.34     | 54.00     | -22.66 | Average       |
| 7311.00 | 34.67      | 9.31   | 43.98     | 74.00     | -30.02 | Peak          |
| 7311.00 | 27.68      | 9.31   | 36.99     | 54.00     | -17.01 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



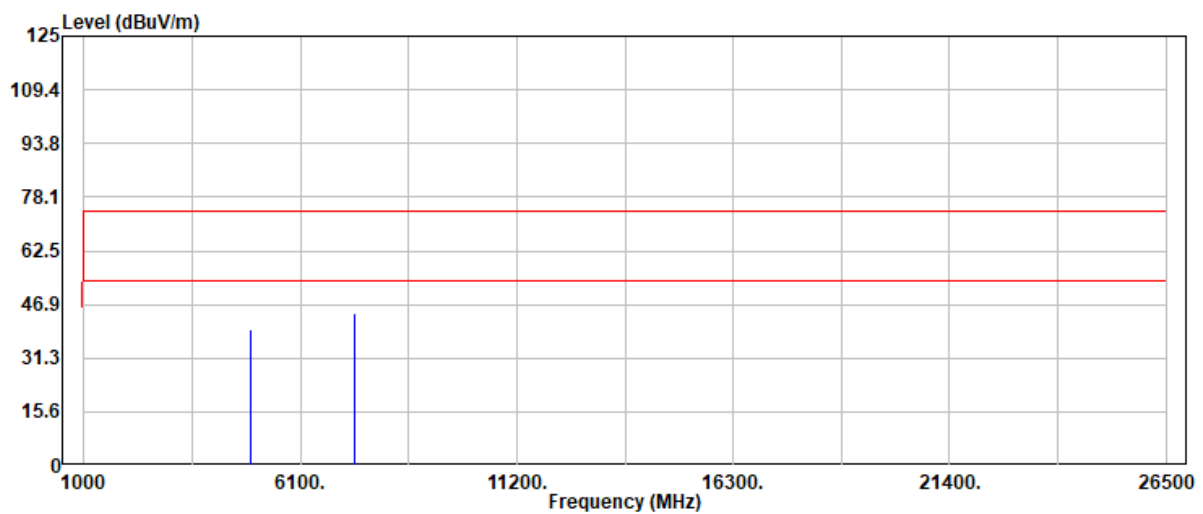
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 35.78      | 2.61   | 38.39     | 74.00     | -35.61 | Peak          |
| 4874.00 | 28.77      | 2.61   | 31.38     | 54.00     | -22.62 | Average       |
| 7311.00 | 34.51      | 9.31   | 43.82     | 74.00     | -30.18 | Peak          |
| 7311.00 | 27.50      | 9.31   | 36.81     | 54.00     | -17.19 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



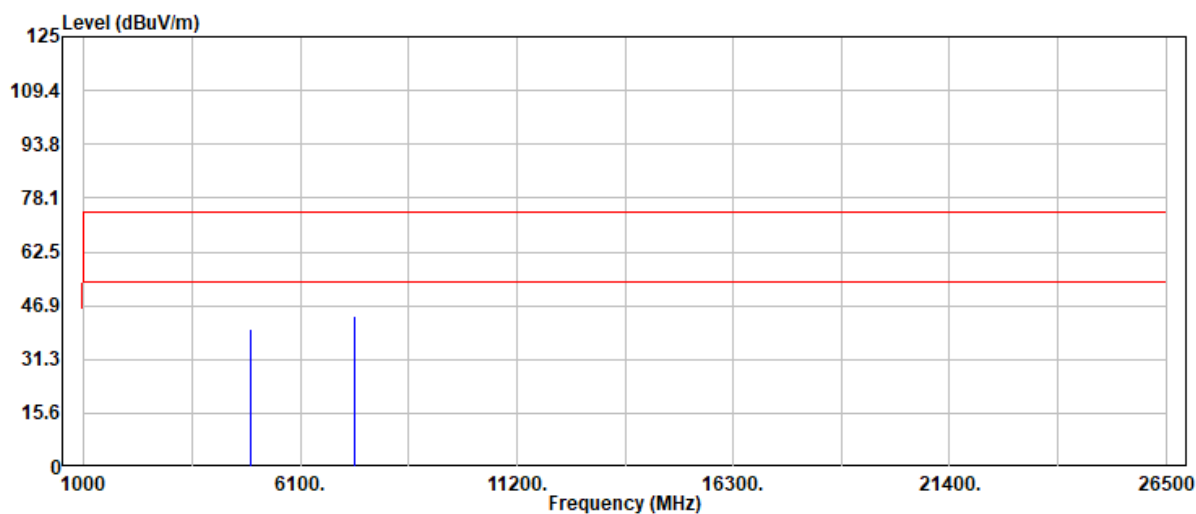
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.66      | 3.15   | 39.81     | 74.00     | -34.19 | Peak          |
| 4924.00 | 28.94      | 3.15   | 32.09     | 54.00     | -21.91 | Average       |
| 7386.00 | 34.69      | 9.53   | 44.22     | 74.00     | -29.78 | Peak          |
| 7386.00 | 27.82      | 9.53   | 37.35     | 54.00     | -16.65 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



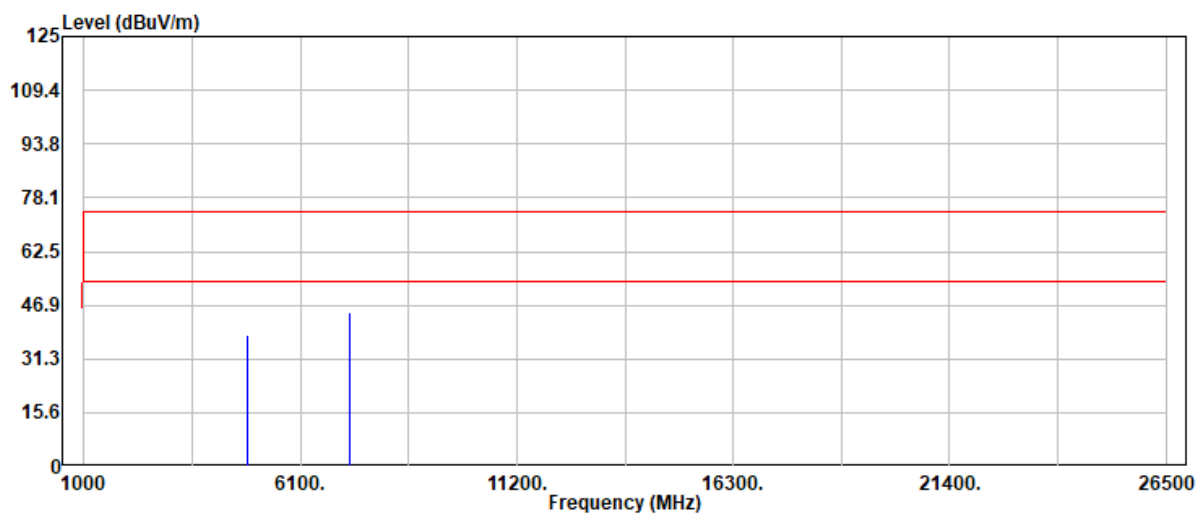
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.94      | 3.15   | 40.09     | 74.00     | -33.91 | Peak          |
| 4924.00 | 28.72      | 3.15   | 31.87     | 54.00     | -22.13 | Average       |
| 7386.00 | 34.27      | 9.53   | 43.80     | 74.00     | -30.20 | Peak          |
| 7386.00 | 27.58      | 9.53   | 37.11     | 54.00     | -16.89 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



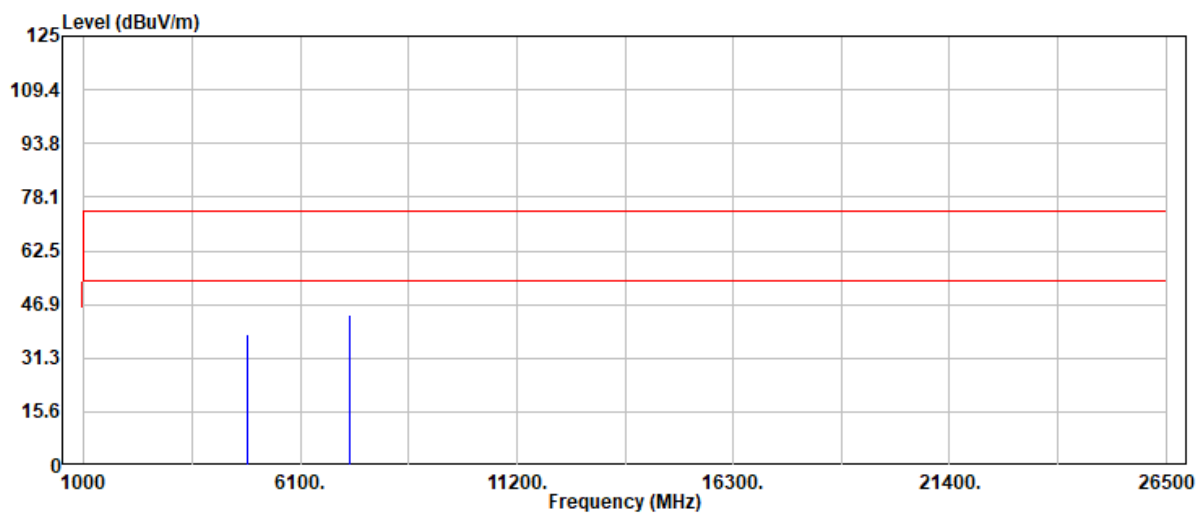
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 35.68      | 2.37   | 38.05     | 74.00     | -35.95 | Peak          |
| 4844.00 | 28.44      | 2.37   | 30.81     | 54.00     | -23.19 | Average       |
| 7266.00 | 35.45      | 9.22   | 44.67     | 74.00     | -29.33 | Peak          |
| 7266.00 | 27.37      | 9.22   | 36.59     | 54.00     | -17.41 | Average       |

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Report No.: TMWK2503001450KR

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



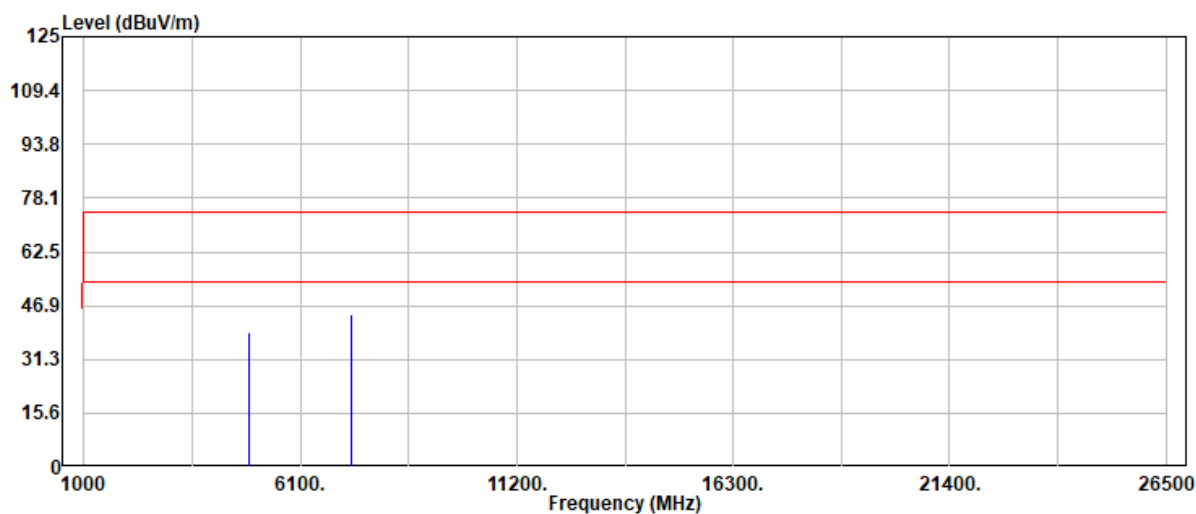
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 35.88      | 2.37   | 38.25     | 74.00     | -35.75 | Peak          |
| 4844.00 | 28.43      | 2.37   | 30.80     | 54.00     | -23.20 | Average       |
| 7266.00 | 34.85      | 9.22   | 44.07     | 74.00     | -29.93 | Peak          |
| 7266.00 | 27.40      | 9.22   | 36.62     | 54.00     | -17.38 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



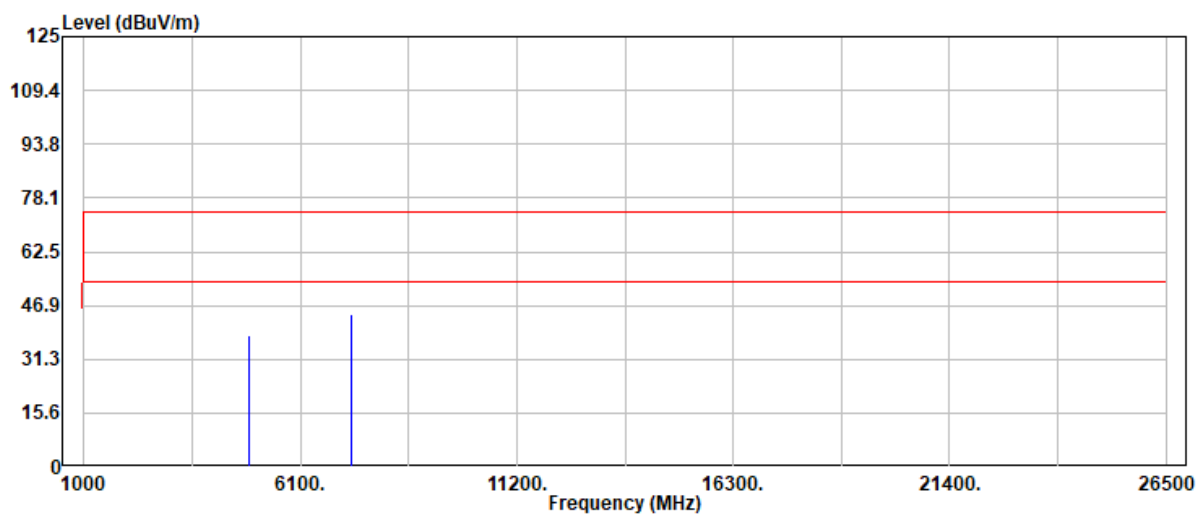
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 36.45      | 2.61   | 39.06     | 74.00     | -34.94 | Peak          |
| 4874.00 | 28.57      | 2.61   | 31.18     | 54.00     | -22.82 | Average       |
| 7311.00 | 34.81      | 9.31   | 44.12     | 74.00     | -29.88 | Peak          |
| 7311.00 | 27.72      | 9.31   | 37.03     | 54.00     | -16.97 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



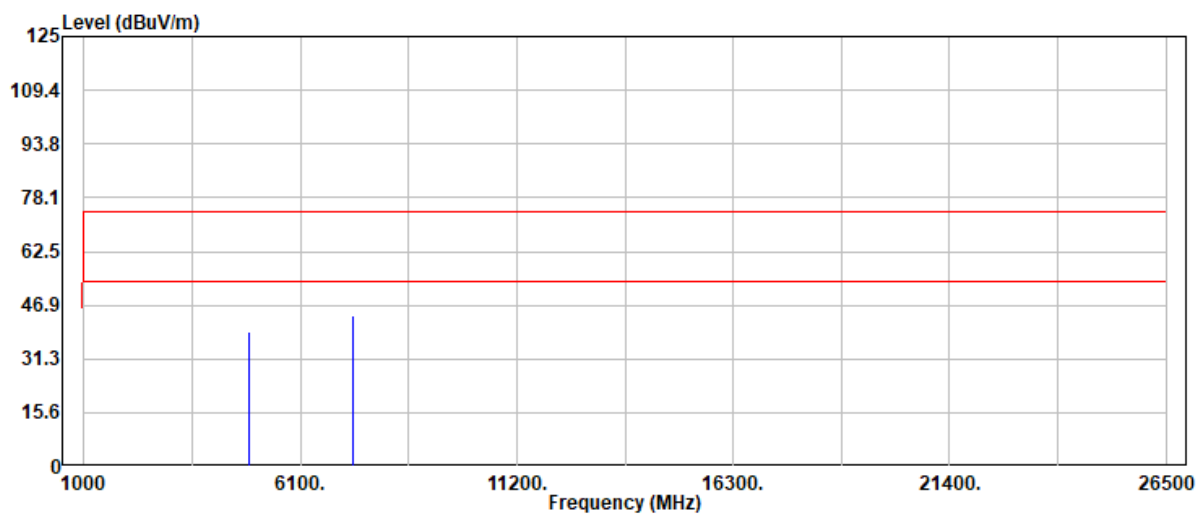
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 35.57      | 2.61   | 38.18     | 74.00     | -35.82 | Peak          |
| 4874.00 | 28.82      | 2.61   | 31.43     | 54.00     | -22.57 | Average       |
| 7311.00 | 34.85      | 9.31   | 44.16     | 74.00     | -29.84 | Peak          |
| 7311.00 | 27.27      | 9.31   | 36.58     | 54.00     | -17.42 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



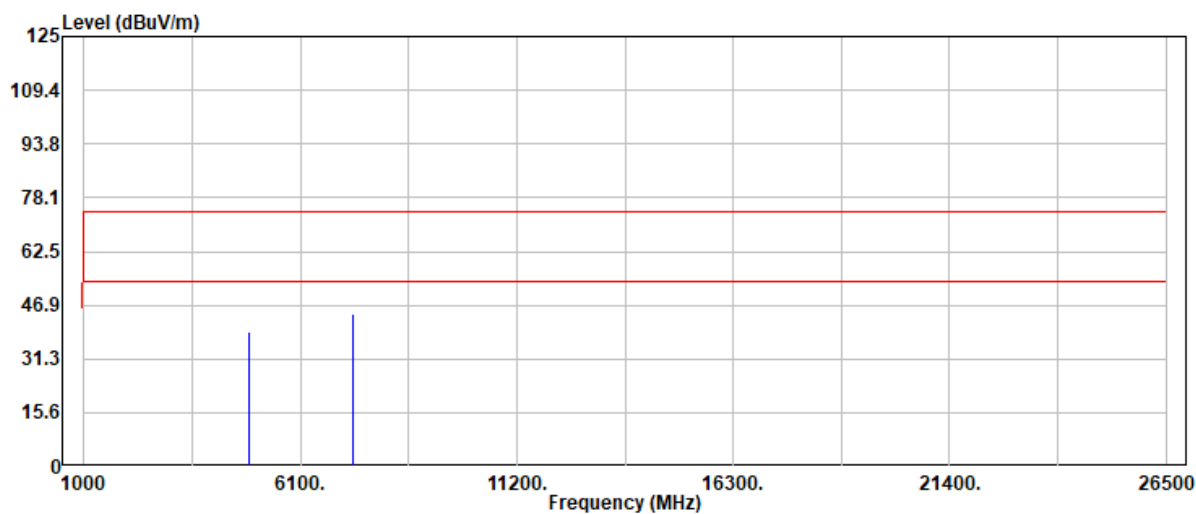
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4904.00 | 36.03      | 2.91   | 38.94     | 74.00     | -35.06 | Peak          |
| 4904.00 | 28.69      | 2.91   | 31.60     | 54.00     | -22.40 | Average       |
| 7356.00 | 34.37      | 9.52   | 43.89     | 74.00     | -30.11 | Peak          |
| 7356.00 | 27.28      | 9.52   | 36.80     | 54.00     | -17.20 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



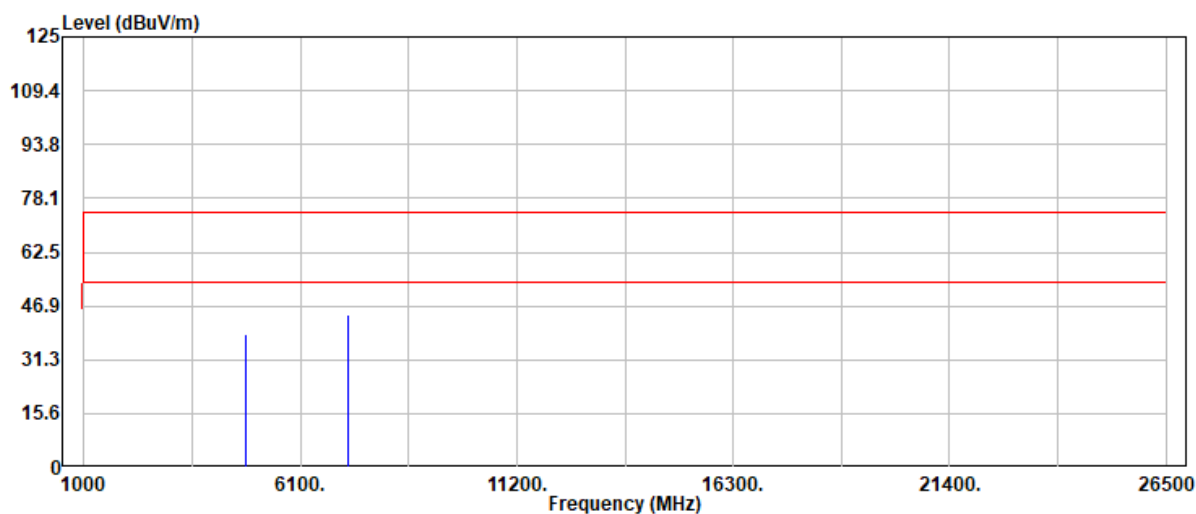
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4904.00 | 36.08      | 2.91   | 38.99     | 74.00     | -35.01 | Peak          |
| 4904.00 | 28.14      | 2.91   | 31.05     | 54.00     | -22.95 | Average       |
| 7356.00 | 35.01      | 9.52   | 44.53     | 74.00     | -29.47 | Peak          |
| 7356.00 | 27.36      | 9.52   | 36.88     | 54.00     | -17.12 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



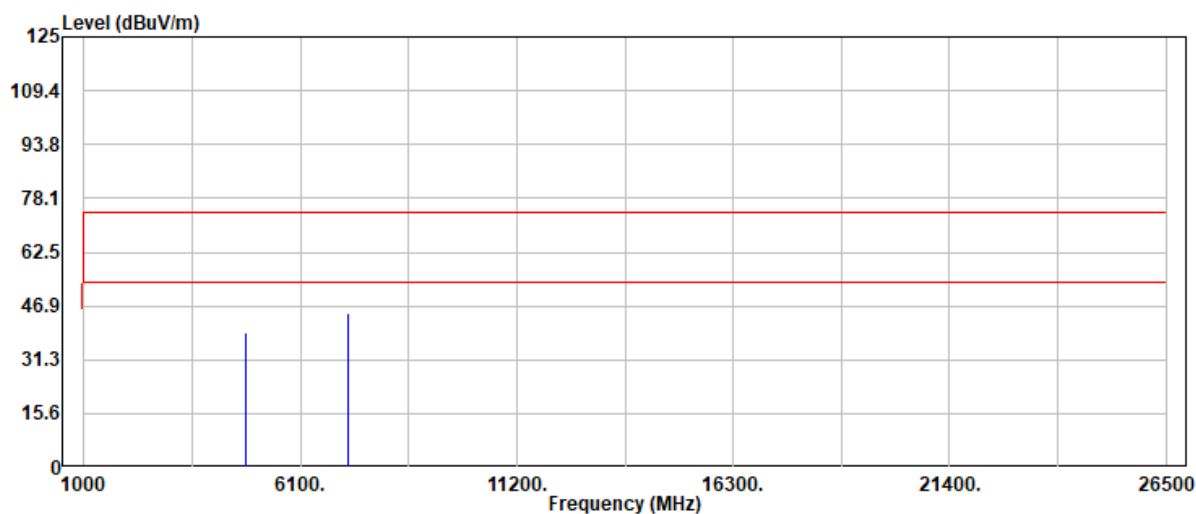
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 36.37      | 2.39   | 38.76     | 74.00     | -35.24 | Peak          |
| 4824.00 | 28.60      | 2.39   | 30.99     | 54.00     | -23.01 | Average       |
| 7236.00 | 35.01      | 9.13   | 44.14     | 74.00     | -29.86 | Peak          |
| 7236.00 | 27.19      | 9.13   | 36.32     | 54.00     | -17.68 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



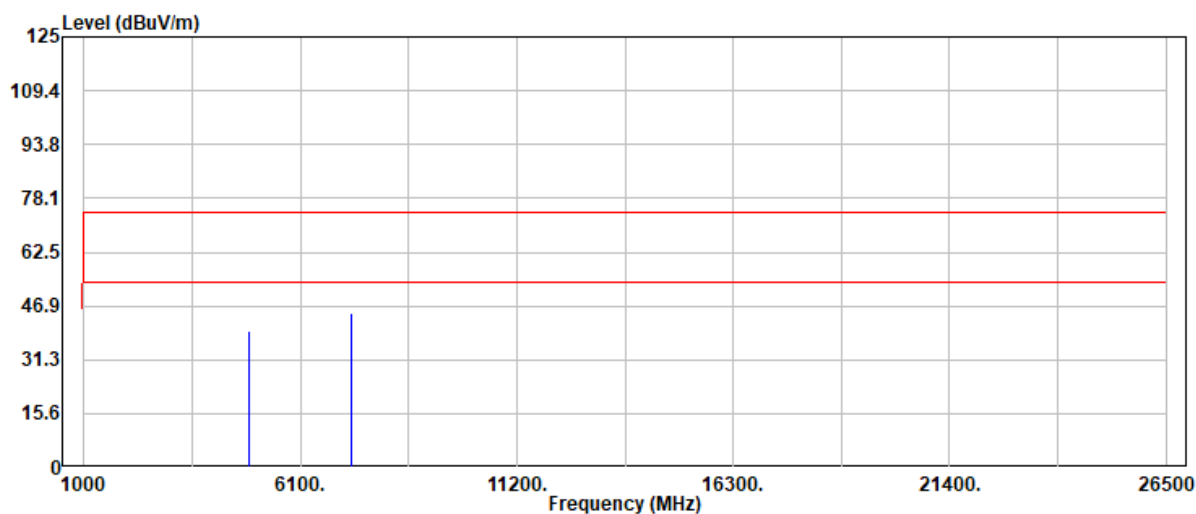
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 36.88      | 2.39   | 39.27     | 74.00     | -34.73 | Peak          |
| 4824.00 | 28.71      | 2.39   | 31.10     | 54.00     | -22.90 | Average       |
| 7236.00 | 35.62      | 9.13   | 44.75     | 74.00     | -29.25 | Peak          |
| 7236.00 | 27.38      | 9.13   | 36.51     | 54.00     | -17.49 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



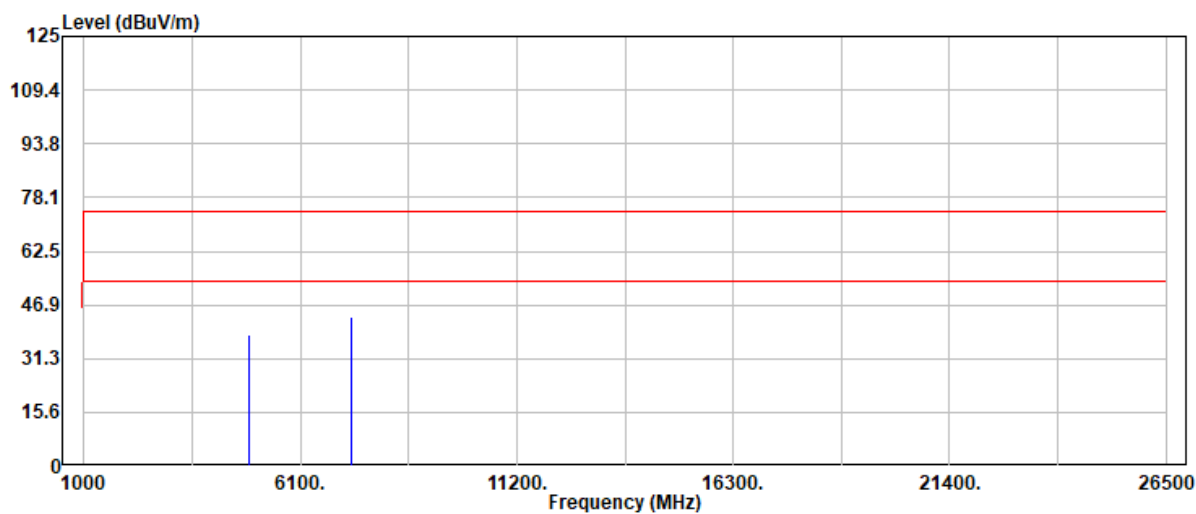
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 36.82      | 2.61   | 39.43     | 74.00     | -34.57 | Peak          |
| 4874.00 | 28.60      | 2.61   | 31.21     | 54.00     | -22.79 | Average       |
| 7311.00 | 35.70      | 9.31   | 45.01     | 74.00     | -28.99 | Peak          |
| 7311.00 | 27.25      | 9.31   | 36.56     | 54.00     | -17.44 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



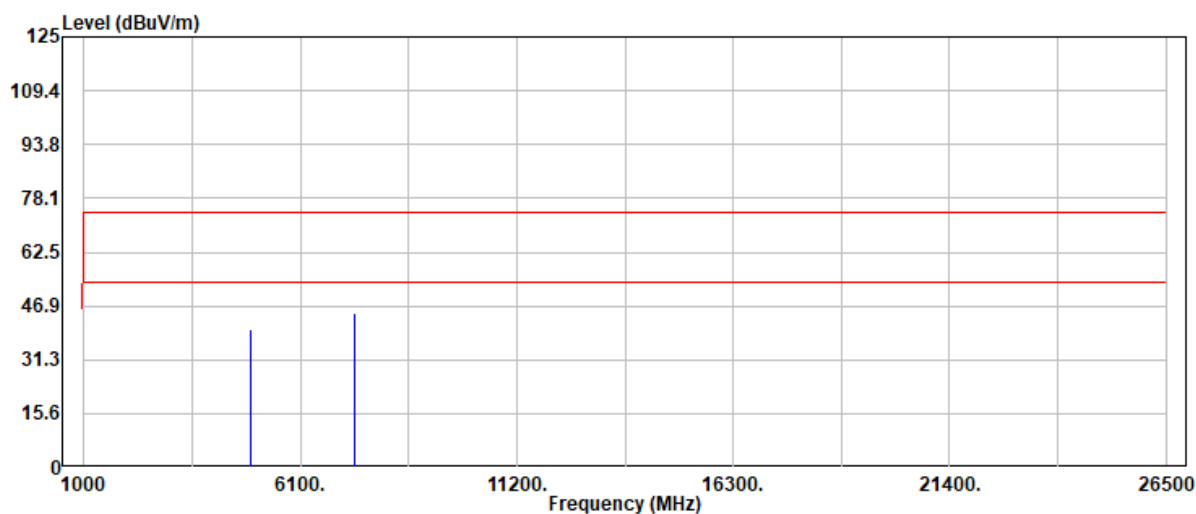
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 35.44      | 2.61   | 38.05     | 74.00     | -35.95 | Peak          |
| 4874.00 | 28.76      | 2.61   | 31.37     | 54.00     | -22.63 | Average       |
| 7311.00 | 34.24      | 9.31   | 43.55     | 74.00     | -30.45 | Peak          |
| 7311.00 | 27.59      | 9.31   | 36.90     | 54.00     | -17.10 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



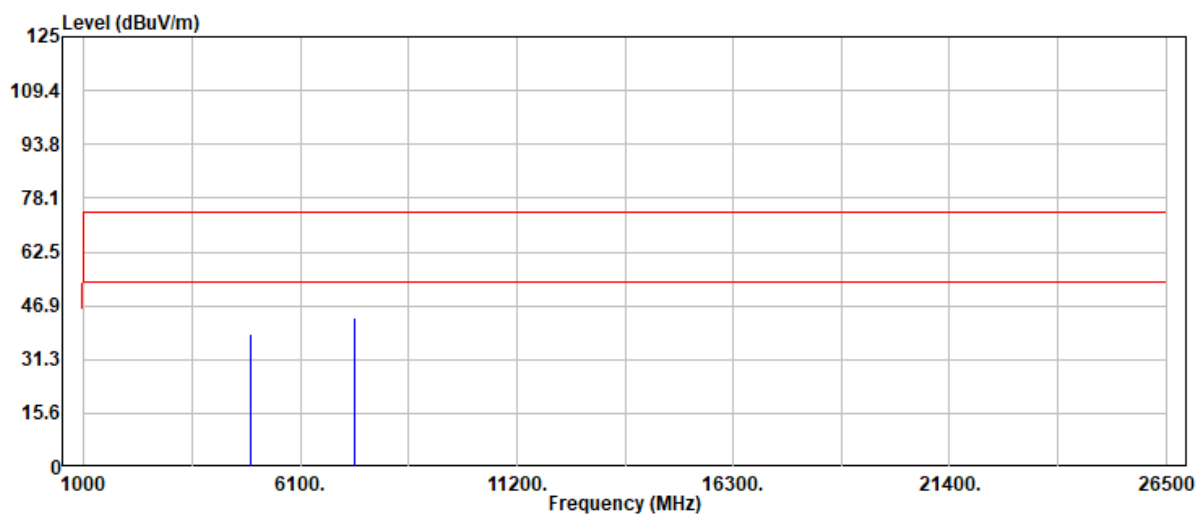
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.80      | 3.15   | 39.95     | 74.00     | -34.05 | Peak          |
| 4924.00 | 28.76      | 3.15   | 31.91     | 54.00     | -22.09 | Average       |
| 7386.00 | 35.23      | 9.53   | 44.76     | 74.00     | -29.24 | Peak          |
| 7386.00 | 27.26      | 9.53   | 36.79     | 54.00     | -17.21 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



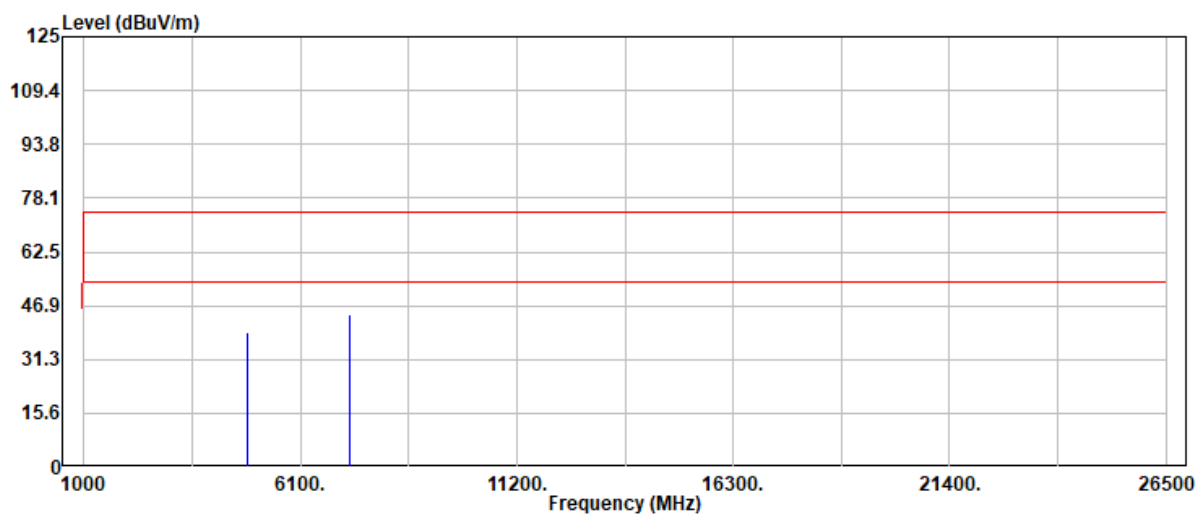
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|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 35.65      | 3.15   | 38.80     | 74.00     | -35.20 | Peak          |
| 4924.00 | 28.75      | 3.15   | 31.90     | 54.00     | -22.10 | Average       |
| 7386.00 | 33.86      | 9.53   | 43.39     | 74.00     | -30.61 | Peak          |
| 7386.00 | 27.22      | 9.53   | 36.75     | 54.00     | -17.25 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



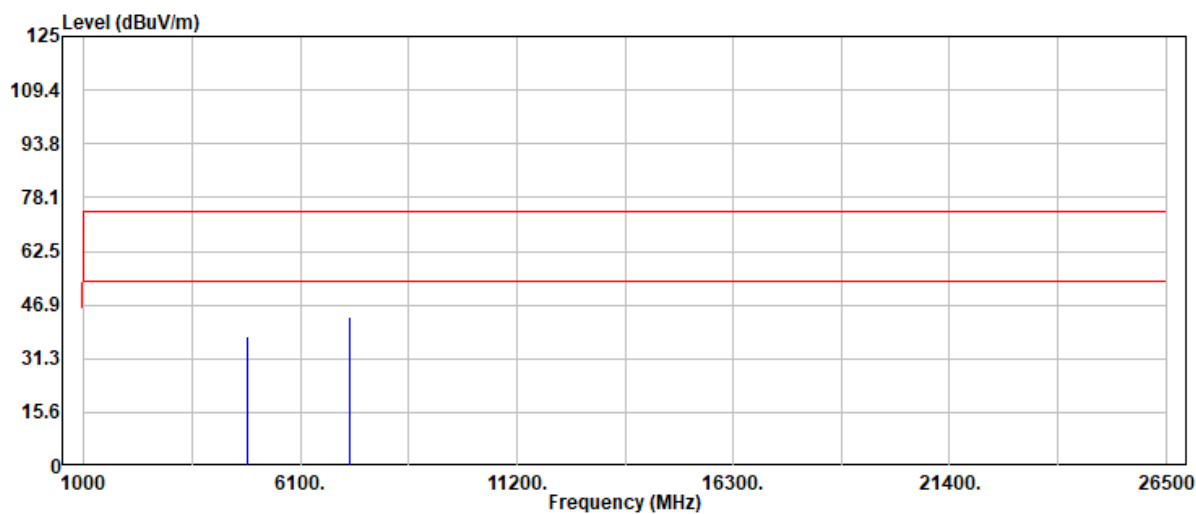
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|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 36.63      | 2.37   | 39.00     | 74.00     | -35.00 | Peak          |
| 4844.00 | 28.43      | 2.37   | 30.80     | 54.00     | -23.20 | Average       |
| 7266.00 | 35.04      | 9.22   | 44.26     | 74.00     | -29.74 | Peak          |
| 7266.00 | 27.34      | 9.22   | 36.56     | 54.00     | -17.44 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



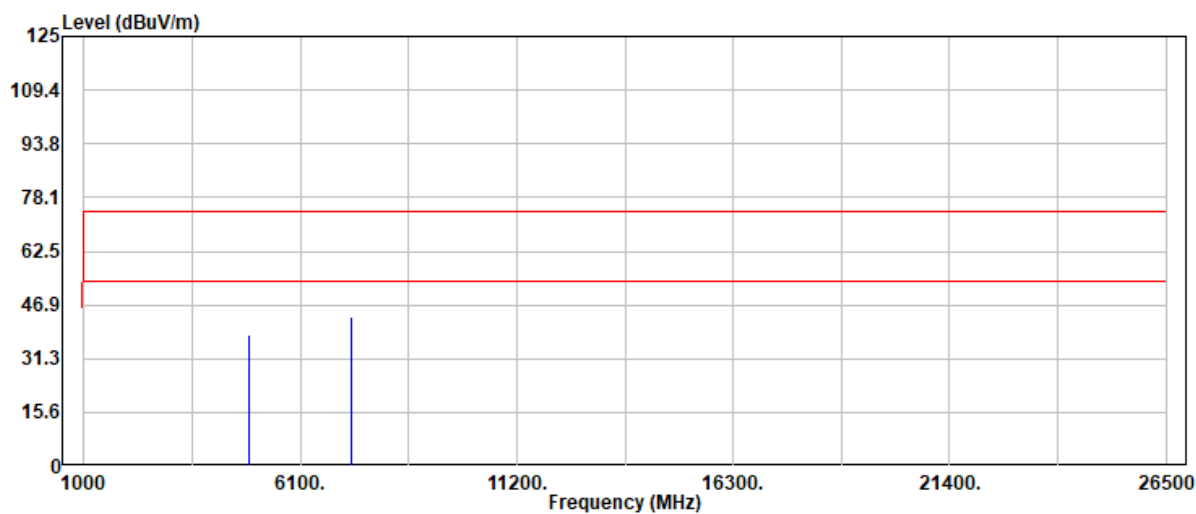
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 35.53      | 2.37   | 37.90     | 74.00     | -36.10 | Peak          |
| 4844.00 | 28.03      | 2.37   | 30.40     | 54.00     | -23.60 | Average       |
| 7266.00 | 33.99      | 9.22   | 43.21     | 74.00     | -30.79 | Peak          |
| 7266.00 | 27.50      | 9.22   | 36.72     | 54.00     | -17.28 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



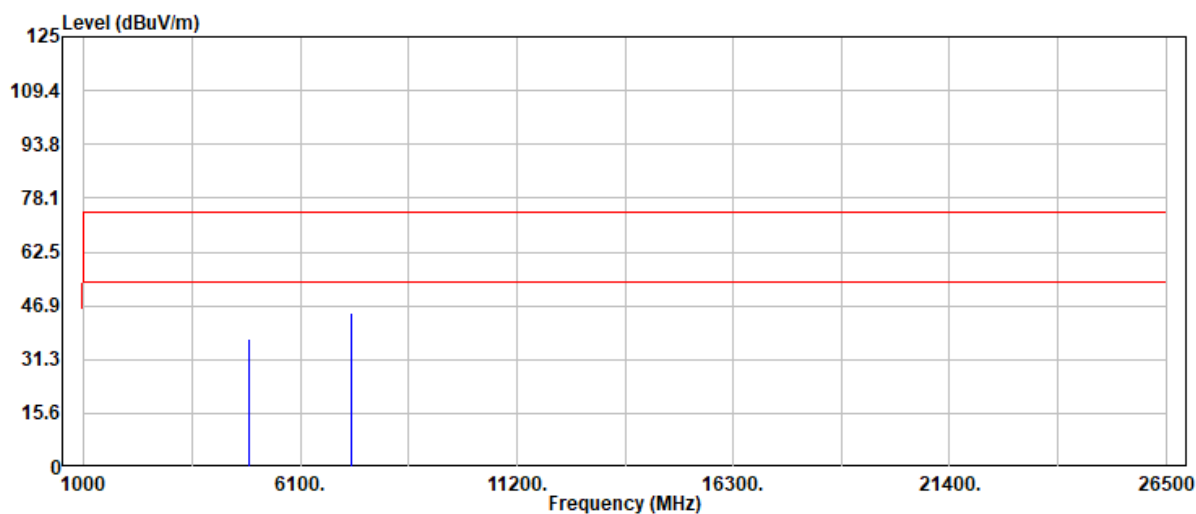
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 35.41      | 2.61   | 38.02     | 74.00     | -35.98 | Peak          |
| 4874.00 | 28.10      | 2.61   | 30.71     | 54.00     | -23.29 | Average       |
| 7311.00 | 33.99      | 9.31   | 43.30     | 74.00     | -30.70 | Peak          |
| 7311.00 | 27.13      | 9.31   | 36.44     | 54.00     | -17.56 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



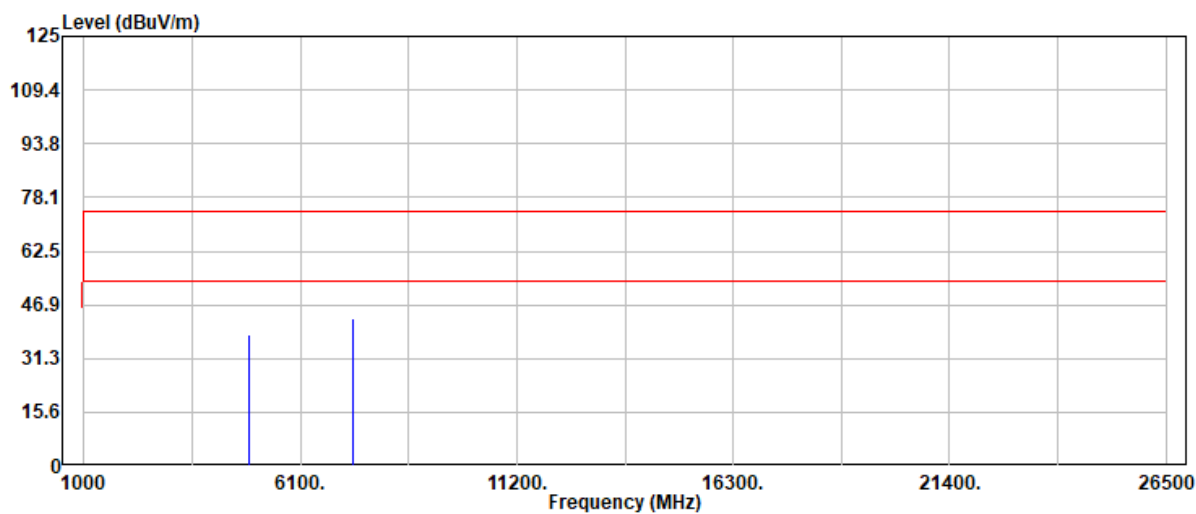
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 34.78      | 2.61   | 37.39     | 74.00     | -36.61 | Peak          |
| 4874.00 | 28.41      | 2.61   | 31.02     | 54.00     | -22.98 | Average       |
| 7311.00 | 35.32      | 9.31   | 44.63     | 74.00     | -29.37 | Peak          |
| 7311.00 | 27.32      | 9.31   | 36.63     | 54.00     | -17.37 | Average       |

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Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



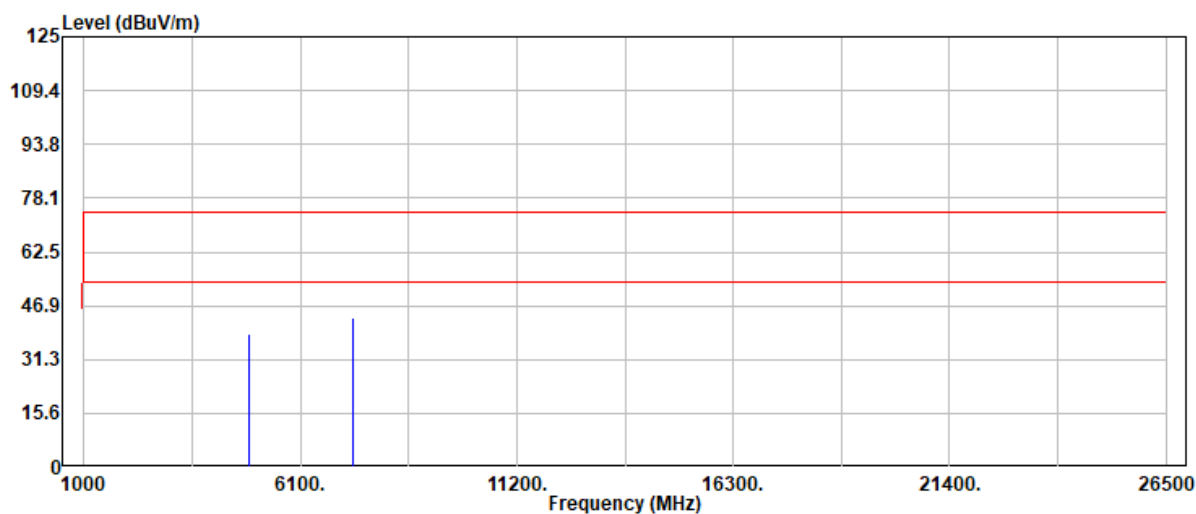
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4904.00 | 35.24      | 2.91   | 38.15     | 74.00     | -35.85 | Peak          |
| 4904.00 | 28.19      | 2.91   | 31.10     | 54.00     | -22.90 | Average       |
| 7356.00 | 33.36      | 9.52   | 42.88     | 74.00     | -31.12 | Peak          |
| 7356.00 | 27.46      | 9.52   | 36.98     | 54.00     | -17.02 | Average       |

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Rev.: 00

Project No : TM-2503000493P  
Operation Band : 802.11ax40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-07-04  
Temp./Humi. : 25.6/56  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4904.00 | 35.54      | 2.91   | 38.45     | 74.00     | -35.55 | Peak          |
| 4904.00 | 28.23      | 2.91   | 31.14     | 54.00     | -22.86 | Average       |
| 7356.00 | 33.83      | 9.52   | 43.35     | 74.00     | -30.65 | Peak          |
| 7356.00 | 27.58      | 9.52   | 37.10     | 54.00     | -16.90 | Average       |

**- End of Test Report -**