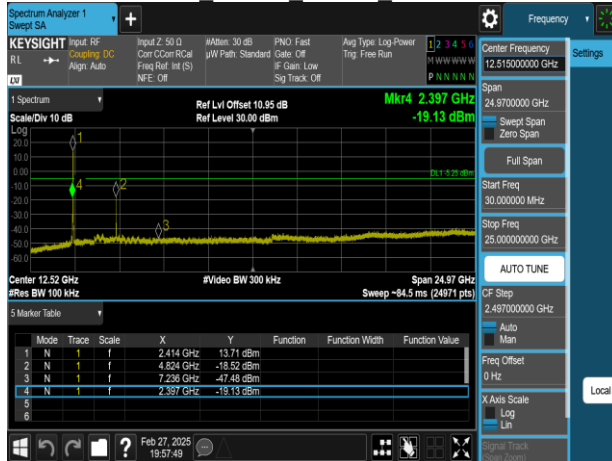
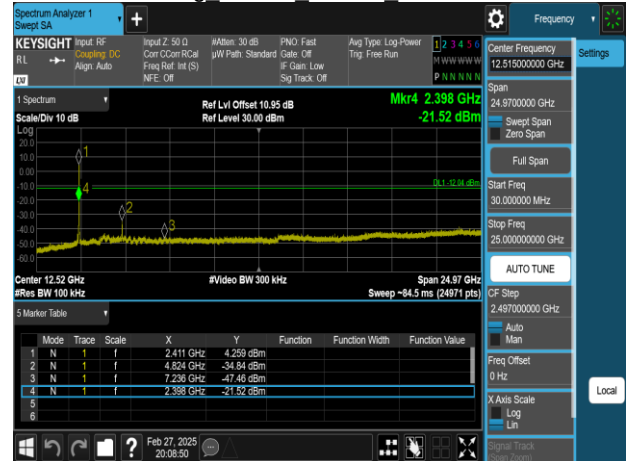


## Spurious Emission

802.11b 20MHz Chain0 2412MHz



802.11g 20MHz Chain0 2412MHz



802.11b 20MHz Chain0 2437MHz



802.11g 20MHz Chain0 2437MHz



802.11b 20MHz Chain0 2462MHz



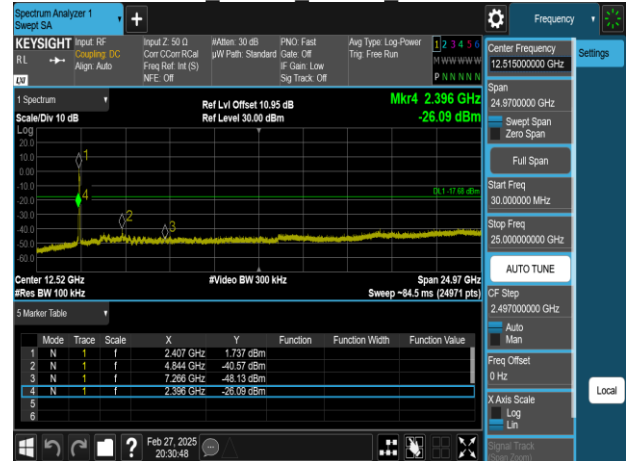
802.11g 20MHz Chain0 2462MHz



802.11n 20MHz Chain0 2412MHz



802.11n 40MHz Chain0 2422MHz



802.11n 20MHz Chain0 2437MHz



802.11n 40MHz Chain0 2437MHz



802.11n 20MHz Chain0 2462MHz



802.11n 40MHz Chain0 2452MHz



## 4.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

### 4.6.1 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                                   |

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

IC according to RSS-247 section 5.5, RSS-Gen, Section 8.9 and 8.10

**RSS-Gen Table 3 and Table 5 – General Field Strength Limits for Transmitters and Receivers at Frequencies Above 30 MHz** <sup>(Note)</sup>

| Frequency (MHz) | Field Strength<br>microvolts/m at 3 metres (watts, e.i.r.p.) |              |
|-----------------|--------------------------------------------------------------|--------------|
|                 | Transmitters                                                 | Receivers    |
| 30-88           | 100 (3 nW)                                                   | 100 (3 nW)   |
| 88-216          | 150 (6.8 nW)                                                 | 150 (6.8 nW) |
| 216-960         | 200 (12 nW)                                                  | 200 (12 nW)  |
| Above 960       | 500 (75 nW)                                                  | 500 (75 nW)  |

**Note:** Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with Section 6.6.

**RSS-Gen Table 6: General Field Strength Limits for Transmitters at Frequencies Below 30 MHz (Transmit)**

| Frequency                 | Magnetic field strength<br>(H-Field) (μA/m) | Measurement Distance<br>(m) |
|---------------------------|---------------------------------------------|-----------------------------|
| 9-490 kHz <sup>Note</sup> | 6.37/F (F in kHz)                           | 300                         |
| 490-1,705 kHz             | 63.7/F (F in kHz)                           | 30                          |
| 1.705-30 MHz              | 0.08                                        | 30                          |

**Note:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

## 4.6.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

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: 2013, 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  $\geq 3 \times$  RBW, Sweep = Auto,

Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

(3.1) For Peak measurement : RBW = 1MHz, VBW  $\geq 3 \times$  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.

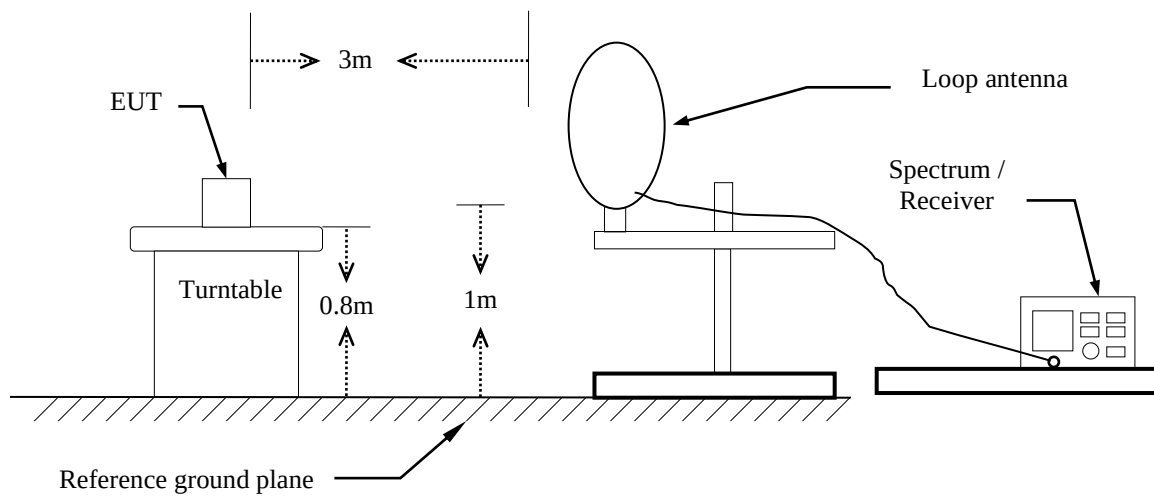
6. Data result :

Actual FS=Spectrum Reading Level + Factor

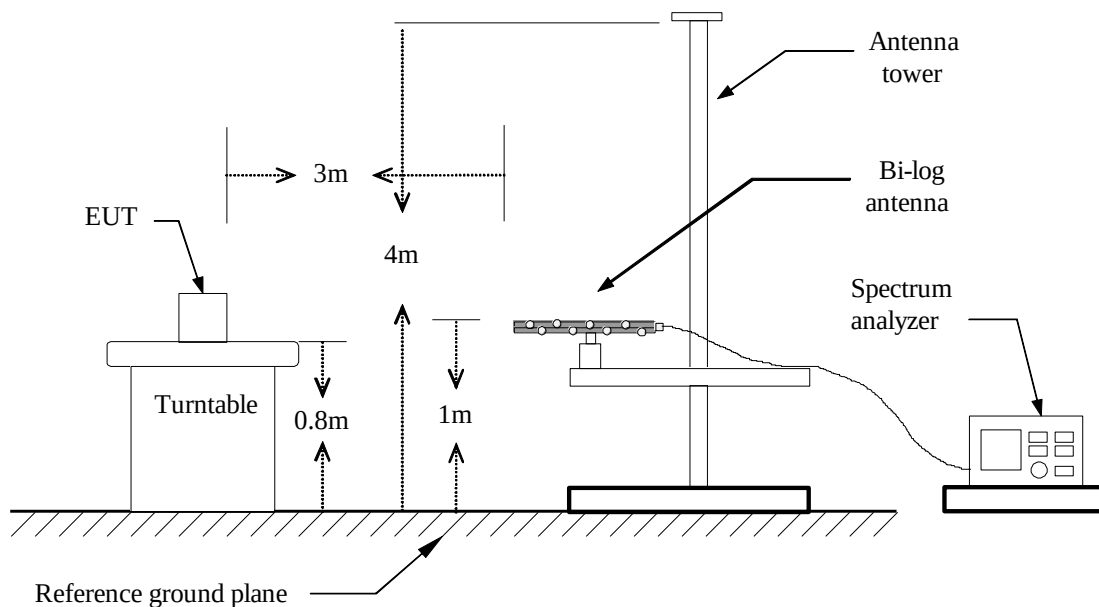
Margin=Actual FS- Limit

## 4.6.3 Test Setup

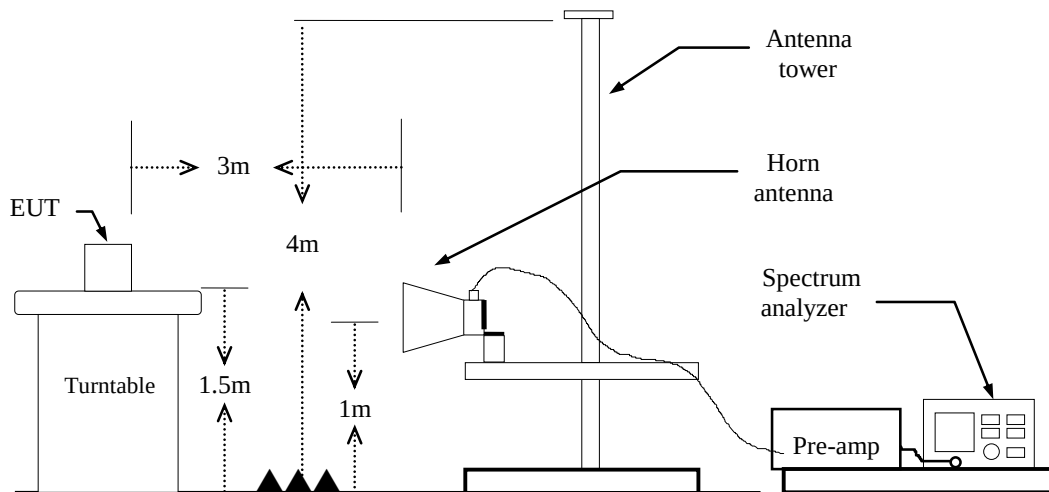
### 9kHz ~ 30MHz



### 30MHz ~ 1GHz



## Above 1 GHz

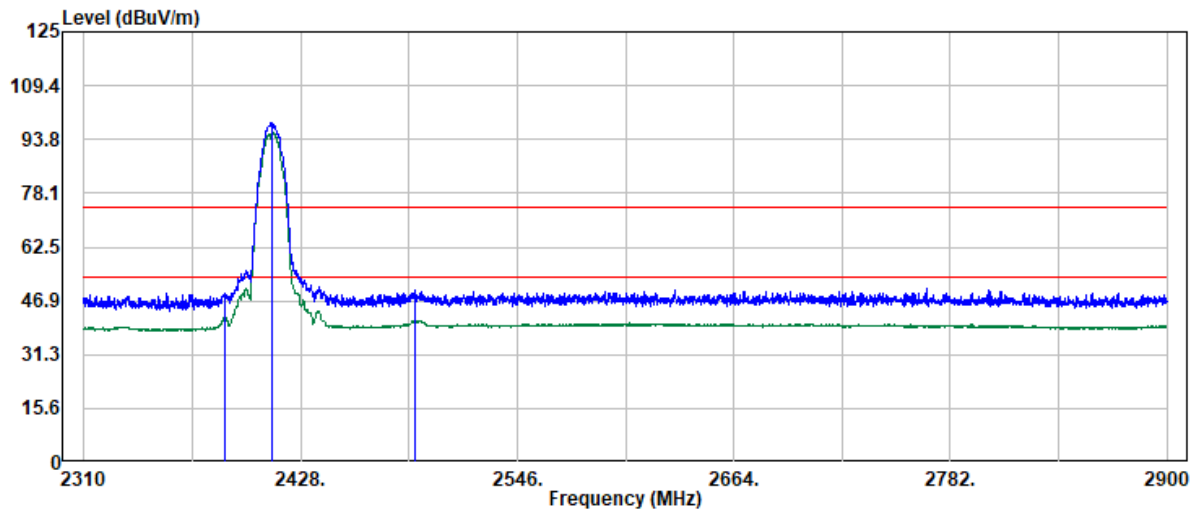


## 4.6.4 Test Result

### Band Edge Test Data

Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

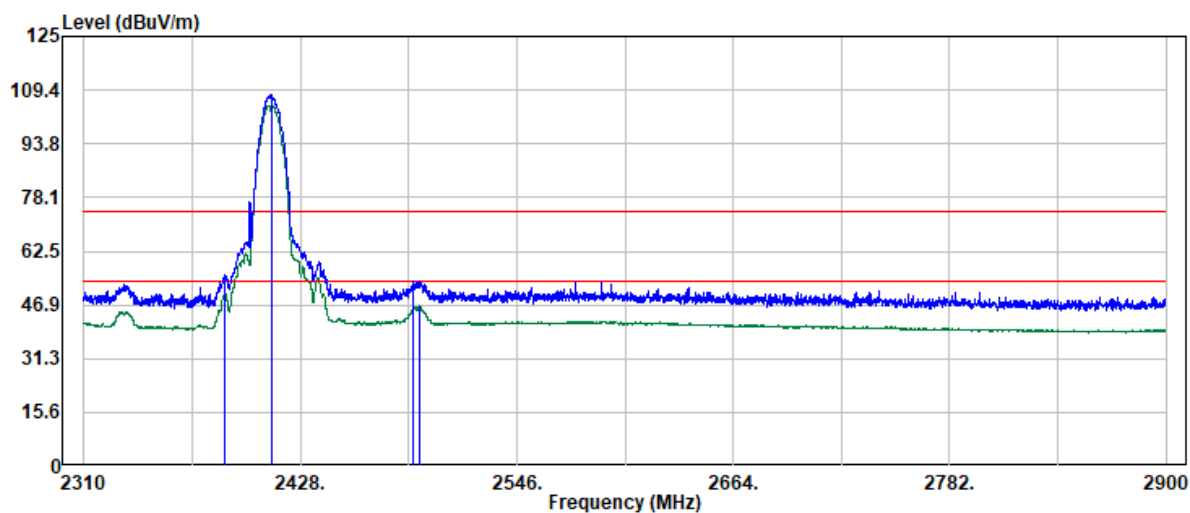
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2386.82 | 42.80      | 6.41   | 49.21     | 74.00     | -24.79 | Peak          |
| 2387.05 | 35.94      | 6.41   | 42.35     | 54.00     | -11.65 | Average       |
| 2412.00 | 92.12      | 6.50   | 98.62     | --        | --     | Peak          |
| 2412.00 | 89.16      | 6.50   | 95.66     | --        | --     | Average       |
| 2490.19 | 43.03      | 6.86   | 49.89     | 74.00     | -24.11 | Peak          |
| 2490.78 | 34.35      | 6.86   | 41.21     | 54.00     | -12.79 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

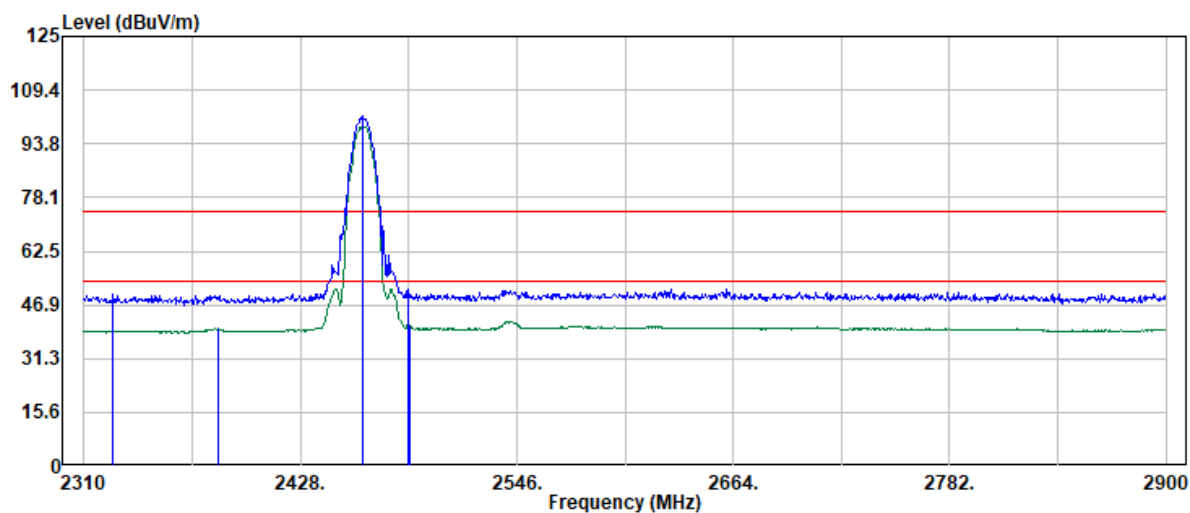
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2386.46 | 49.19      | 6.41   | 55.60     | 74.00     | -18.40 | Peak          |
| 2386.94 | 43.68      | 6.41   | 50.09     | 54.00     | -3.91  | Average       |
| 2412.00 | 101.37     | 6.50   | 107.87    | --        | --     | Peak          |
| 2412.00 | 98.24      | 6.50   | 104.74    | --        | --     | Average       |
| 2489.60 | 47.09      | 6.86   | 53.95     | 74.00     | -20.05 | Peak          |
| 2492.90 | 39.68      | 6.86   | 46.54     | 54.00     | -7.46  | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

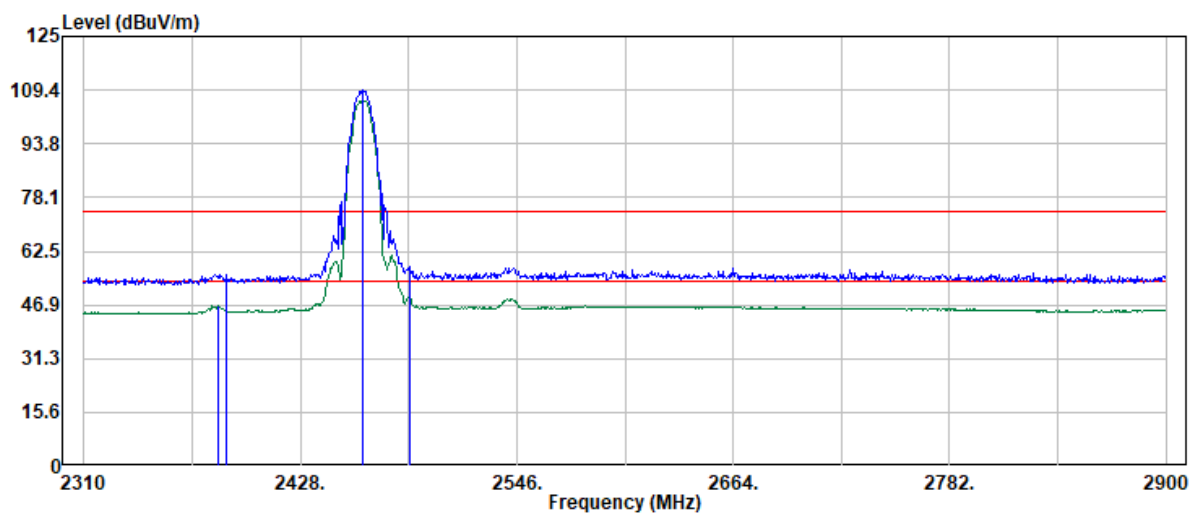
| Freq    | Read  | Factor | Actual | Limit  | Margin | Detector |
|---------|-------|--------|--------|--------|--------|----------|
| -----   | ----- | -----  | -----  | -----  | -----  | -----    |
| MHz     | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2325.99 | 43.83 | 6.36   | 50.19  | 74.00  | -23.81 | Peak     |
| 2382.94 | 33.56 | 6.39   | 39.95  | 54.00  | -14.05 | Average  |
| 2462.00 | 95.13 | 6.60   | 101.73 | --     | --     | Peak     |
| 2462.00 | 92.04 | 6.60   | 98.64  | --     | --     | Average  |
| 2486.85 | 44.72 | 6.84   | 51.56  | 74.00  | -22.44 | Peak     |
| 2487.35 | 34.32 | 6.84   | 41.16  | 54.00  | -12.84 | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

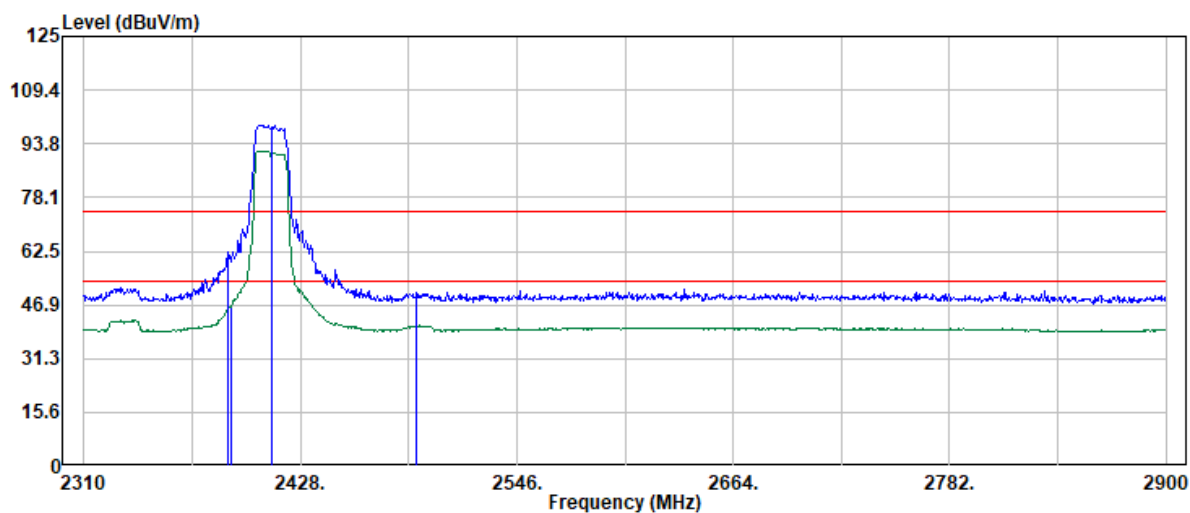
| Freq    | Read   | Factor | Actual | Limit  | Margin | Detector |
|---------|--------|--------|--------|--------|--------|----------|
| -----   | Level  | -----  | FS     | @3m    | -----  | Mode     |
| MHz     | dBuV   | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2383.44 | 40.24  | 6.39   | 46.63  | 54.00  | -7.37  | Average  |
| 2387.93 | 49.30  | 6.42   | 55.72  | 74.00  | -18.28 | Peak     |
| 2462.00 | 102.89 | 6.60   | 109.49 | --     | --     | Peak     |
| 2462.00 | 99.75  | 6.60   | 106.35 | --     | --     | Average  |
| 2487.35 | 51.17  | 6.84   | 58.01  | 74.00  | -15.99 | Peak     |
| 2487.35 | 42.53  | 6.84   | 49.37  | 54.00  | -4.63  | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

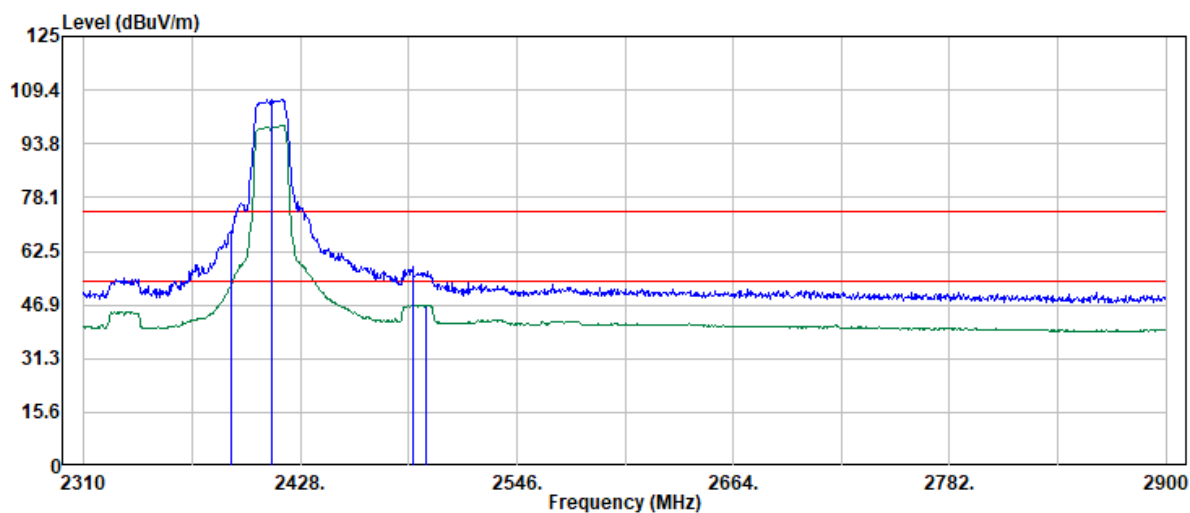
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2388.93 | 55.95      | 6.43   | 62.38     | 74.00     | -11.62 | Peak          |
| 2389.93 | 39.87      | 6.43   | 46.30     | 54.00     | -7.70  | Average       |
| 2412.00 | 92.66      | 6.50   | 99.16     | --        | --     | Peak          |
| 2412.00 | 85.21      | 6.50   | 91.71     | --        | --     | Average       |
| 2490.85 | 34.00      | 6.86   | 40.86     | 54.00     | -13.14 | Average       |
| 2491.35 | 43.69      | 6.86   | 50.55     | 74.00     | -23.45 | Peak          |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



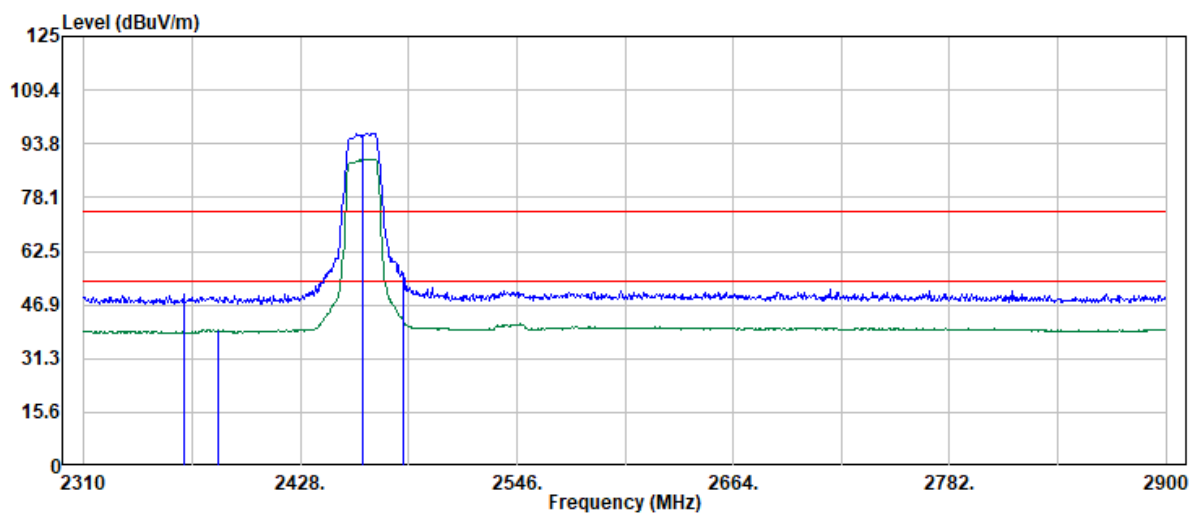
| Trace: 1 |            |        |           |           |        |               |
|----------|------------|--------|-----------|-----------|--------|---------------|
| Freq     | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
| -----    | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz      | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.93  | 62.14      | 6.43   | 68.57     | 74.00     | -5.43  | Peak          |
| 2389.93  | 45.89      | 6.43   | 52.32     | 54.00     | -1.68  | Average       |
| 2412.00  | 100.20     | 6.50   | 106.70    | --        | --     | Peak          |
| 2412.00  | 92.65      | 6.50   | 99.15     | --        | --     | Average       |
| 2489.35  | 50.98      | 6.85   | 57.83     | 74.00     | -16.17 | Peak          |
| 2496.84  | 39.95      | 6.85   | 46.80     | 54.00     | -7.20  | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



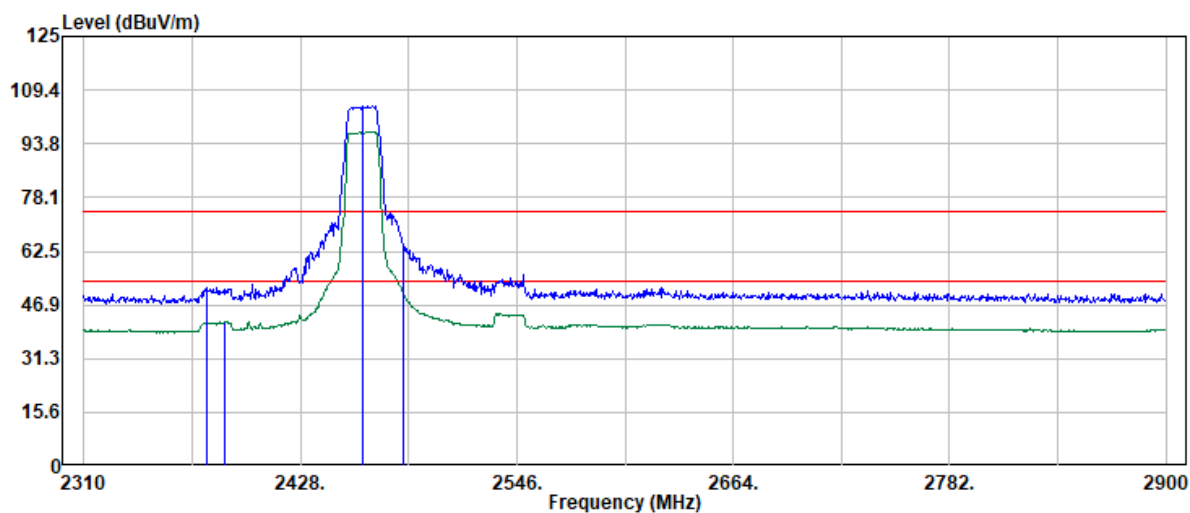
| Trace: 1 |       |        |        |        |        |          |
|----------|-------|--------|--------|--------|--------|----------|
| Freq     | Read  |        | Actual | Limit  |        | Detector |
| -----    | Level | Factor | FS     | @3m    | Margin | Mode     |
| MHz      | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2364.45  | 43.89 | 6.27   | 50.16  | 74.00  | -23.84 | Peak     |
| 2382.94  | 33.15 | 6.39   | 39.54  | 54.00  | -14.46 | Average  |
| 2462.00  | 90.21 | 6.60   | 96.81  | --     | --     | Peak     |
| 2462.00  | 82.72 | 6.60   | 89.32  | --     | --     | Average  |
| 2483.85  | 49.37 | 6.82   | 56.19  | 74.00  | -17.81 | Peak     |
| 2483.85  | 35.48 | 6.82   | 42.30  | 54.00  | -11.70 | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Rev.: 00

Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

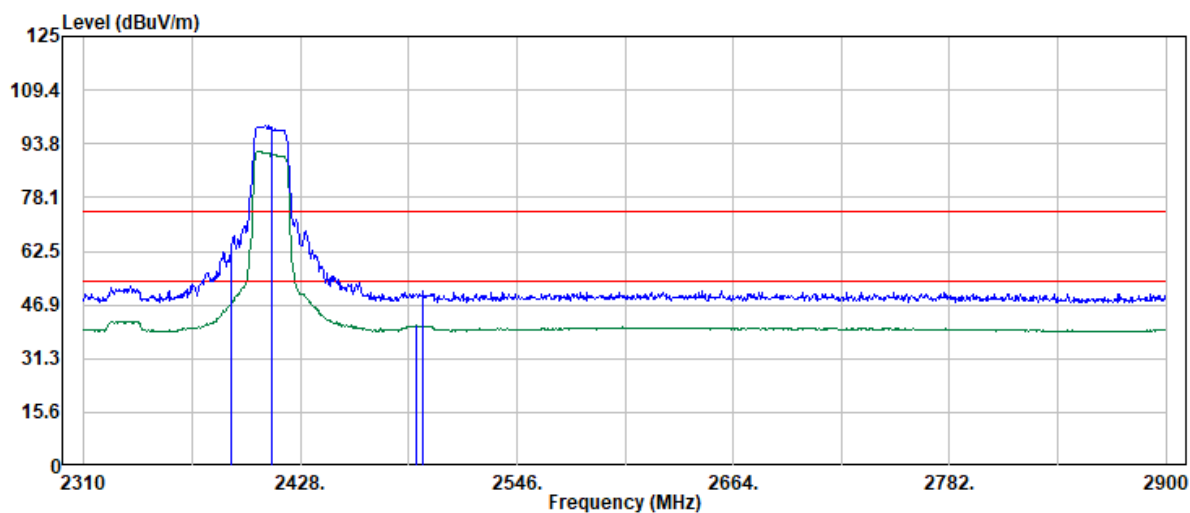
| Freq    | Read  | Factor | Actual | Limit  | Margin | Detector |
|---------|-------|--------|--------|--------|--------|----------|
| -----   | Level |        | FS     | @3m    |        | Mode     |
| -----   | ----- | -----  | -----  | -----  | -----  | -----    |
| MHz     | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2377.44 | 45.56 | 6.35   | 51.91  | 74.00  | -22.09 | Peak     |
| 2386.44 | 35.56 | 6.40   | 41.96  | 54.00  | -12.04 | Average  |
| 2462.00 | 98.00 | 6.60   | 104.60 | --     | --     | Peak     |
| 2462.00 | 90.51 | 6.60   | 97.11  | --     | --     | Average  |
| 2483.85 | 58.03 | 6.82   | 64.85  | 74.00  | -9.15  | Peak     |
| 2483.85 | 43.84 | 6.82   | 50.66  | 54.00  | -3.34  | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Rev.: 00

Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

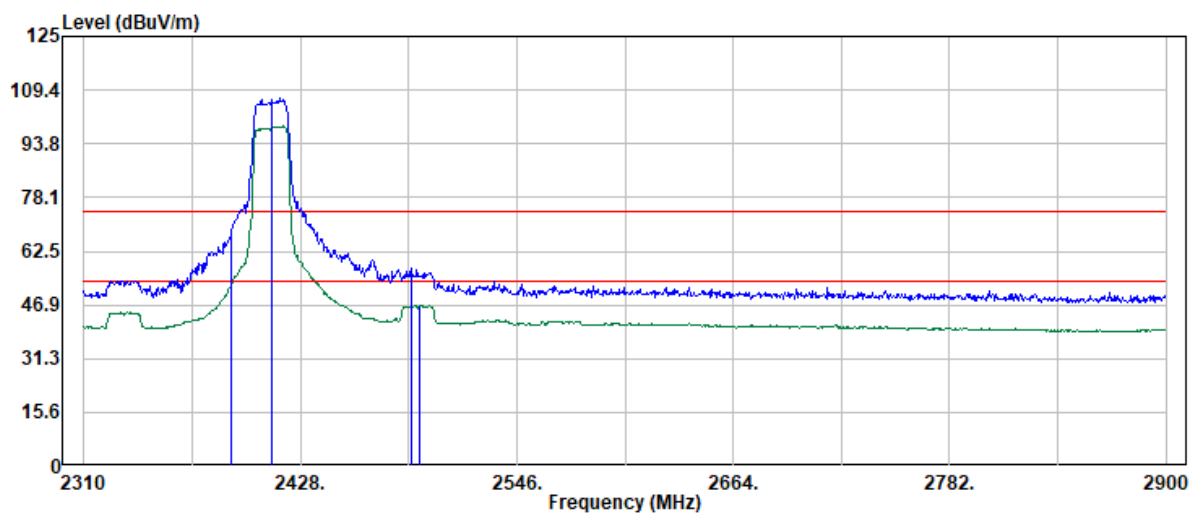
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 2389.93 | 56.75      | 6.43   | 63.18     | 74.00     | -10.82 | Peak          |
| 2389.93 | 40.97      | 6.43   | 47.40     | 54.00     | -6.60  | Average       |
| 2412.00 | 92.60      | 6.50   | 99.10     | --        | --     | Peak          |
| 2412.00 | 84.93      | 6.50   | 91.43     | --        | --     | Average       |
| 2490.85 | 33.97      | 6.86   | 40.83     | 54.00     | -13.17 | Average       |
| 2494.84 | 43.93      | 6.85   | 50.78     | 74.00     | -23.22 | Peak          |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

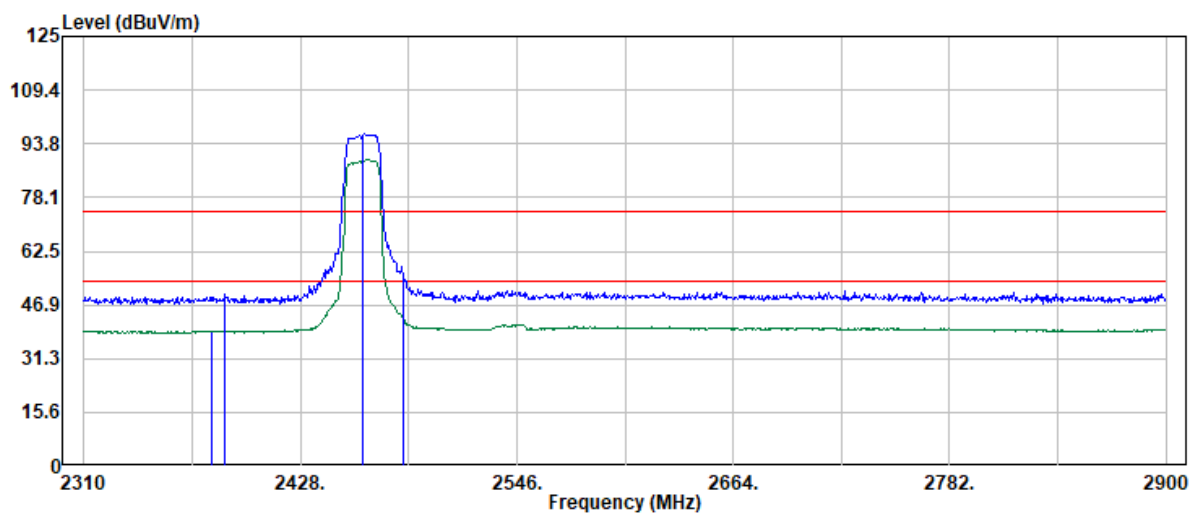
| Freq    | Read   | Factor | Actual | Limit  | Margin | Detector |
|---------|--------|--------|--------|--------|--------|----------|
| -----   | Level  | -----  | FS     | @3m    | -----  | Mode     |
| MHz     | dBuV   | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2389.93 | 61.13  | 6.43   | 67.56  | 74.00  | -6.44  | Peak     |
| 2389.93 | 45.78  | 6.43   | 52.21  | 54.00  | -1.79  | Average  |
| 2412.00 | 100.54 | 6.50   | 107.04 | --     | --     | Peak     |
| 2412.00 | 92.35  | 6.50   | 98.85  | --     | --     | Average  |
| 2488.35 | 50.82  | 6.85   | 57.67  | 74.00  | -16.33 | Peak     |
| 2493.35 | 39.88  | 6.85   | 46.73  | 54.00  | -7.27  | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Rev.: 00

Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



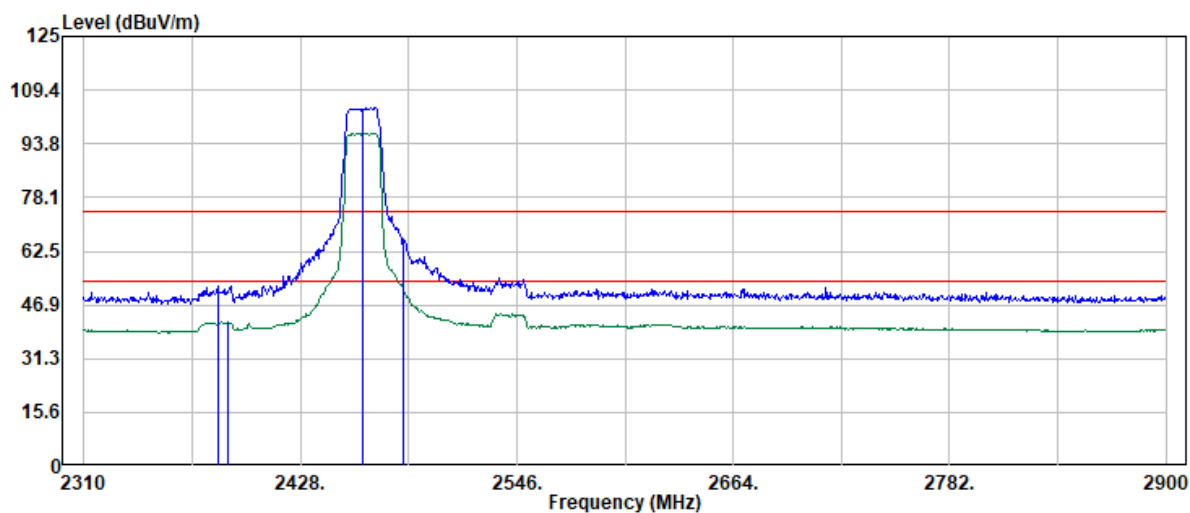
| Trace: 1 |       |        |        |        |        |          |
|----------|-------|--------|--------|--------|--------|----------|
| Freq     | Read  |        | Actual | Limit  |        | Detector |
| -----    | Level | Factor | FS     | @3m    | Margin | Mode     |
| MHz      | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2379.94  | 33.00 | 6.37   | 39.37  | 54.00  | -14.63 | Average  |
| 2386.94  | 43.39 | 6.41   | 49.80  | 74.00  | -24.20 | Peak     |
| 2462.00  | 90.16 | 6.60   | 96.76  | --     | --     | Peak     |
| 2462.00  | 82.41 | 6.60   | 89.01  | --     | --     | Average  |
| 2483.85  | 36.22 | 6.82   | 43.04  | 54.00  | -10.96 | Average  |
| 2484.35  | 48.52 | 6.81   | 55.33  | 74.00  | -18.67 | Peak     |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



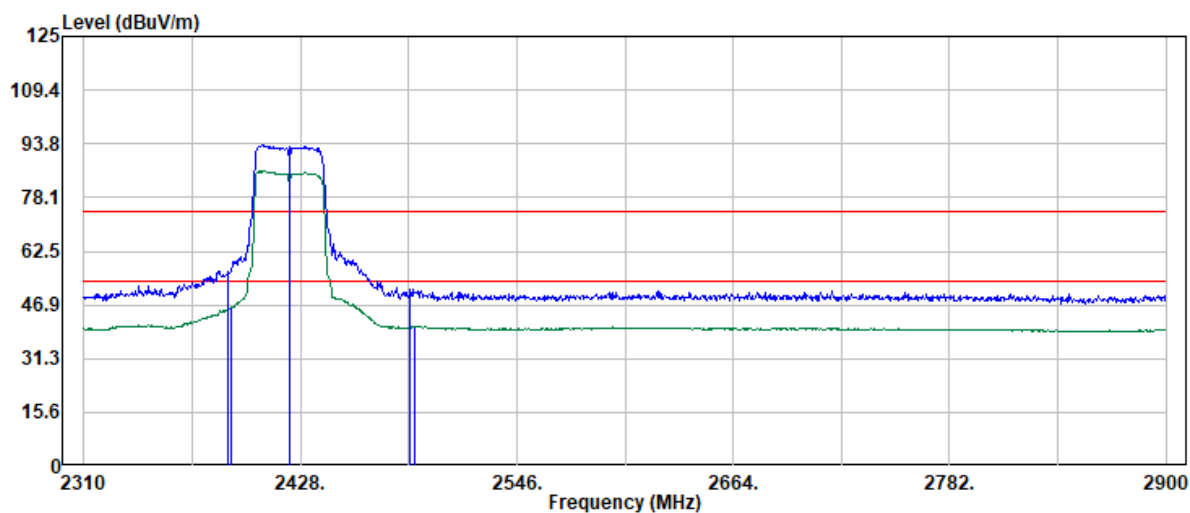
| Trace: 1 |       |        |        |        |        |          |
|----------|-------|--------|--------|--------|--------|----------|
| Freq     | Read  | Factor | Actual | Limit  | Margin | Detector |
| -----    | ----- | -----  | -----  | -----  | -----  | -----    |
| MHz      | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2382.94  | 45.88 | 6.39   | 52.27  | 74.00  | -21.73 | Peak     |
| 2388.43  | 35.48 | 6.42   | 41.90  | 54.00  | -12.10 | Average  |
| 2462.00  | 97.70 | 6.60   | 104.30 | --     | --     | Peak     |
| 2462.00  | 90.13 | 6.60   | 96.73  | --     | --     | Average  |
| 2483.85  | 45.01 | 6.82   | 51.83  | 54.00  | -2.17  | Average  |
| 2484.35  | 59.07 | 6.81   | 65.88  | 74.00  | -8.12  | Peak     |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



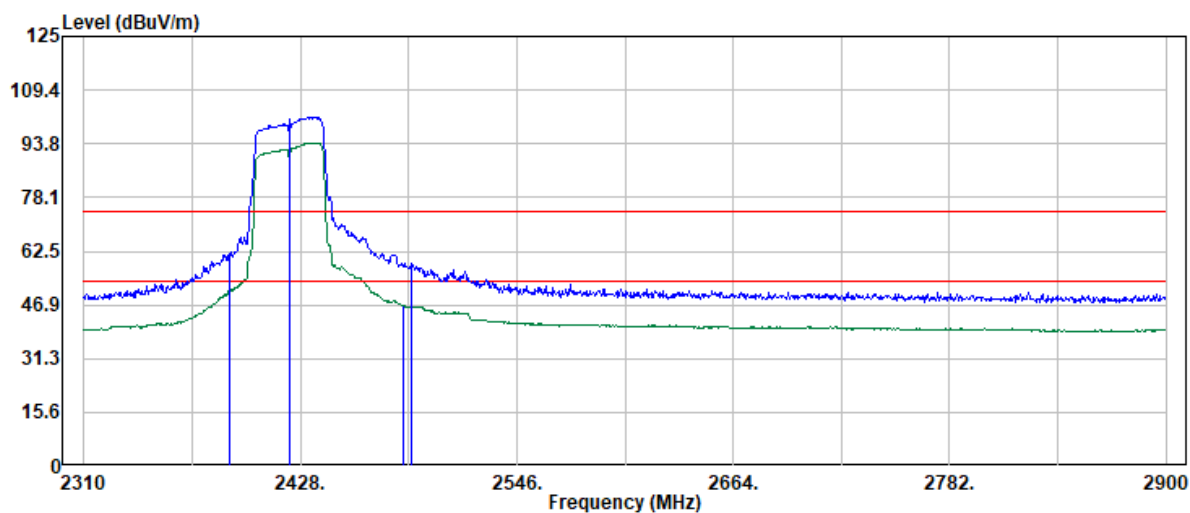
| Trace: 1 |       |        |        |        |        |          |
|----------|-------|--------|--------|--------|--------|----------|
| Freq     | Read  | Factor | Actual | Limit  | Margin | Detector |
| -----    | ----- | -----  | -----  | -----  | -----  | -----    |
| MHz      | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2388.93  | 50.36 | 6.43   | 56.79  | 74.00  | -17.21 | Peak     |
| 2389.93  | 39.74 | 6.43   | 46.17  | 54.00  | -7.83  | Average  |
| 2422.00  | 86.82 | 6.56   | 93.38  | --     | --     | Peak     |
| 2422.00  | 79.22 | 6.56   | 85.78  | --     | --     | Average  |
| 2487.85  | 44.63 | 6.85   | 51.48  | 74.00  | -22.52 | Peak     |
| 2490.35  | 33.85 | 6.86   | 40.71  | 54.00  | -13.29 | Average  |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

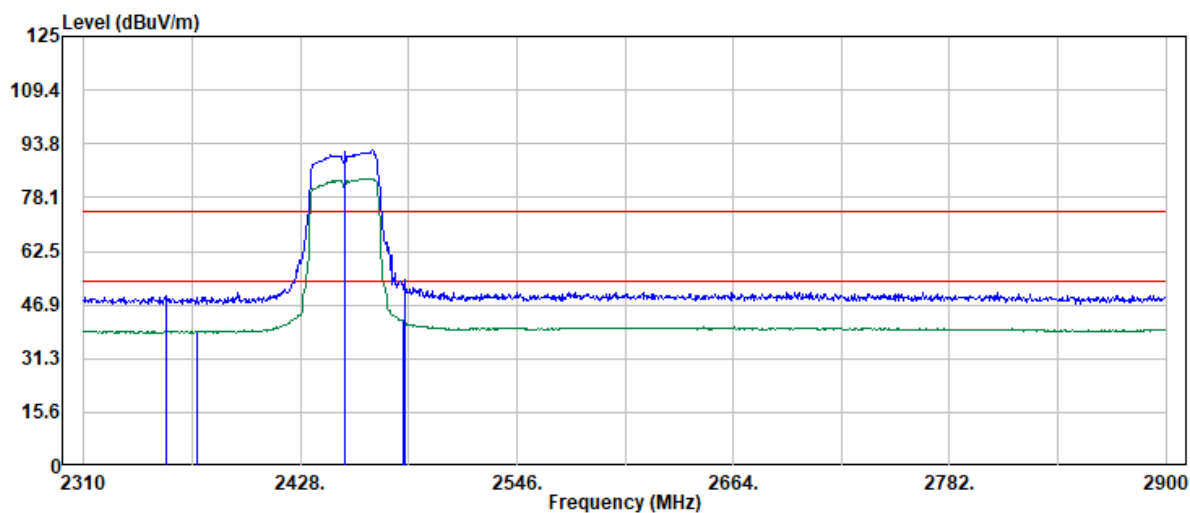
| Freq    | Read  | Factor | Actual | Limit  | Margin | Detector |
|---------|-------|--------|--------|--------|--------|----------|
| MHz     | Level |        | FS     | @3m    |        | Mode     |
|         | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2389.43 | 55.27 | 6.43   | 61.70  | 74.00  | -12.30 | Peak     |
| 2389.43 | 44.99 | 6.43   | 51.42  | 54.00  | -2.58  | Average  |
| 2422.00 | 95.08 | 6.56   | 101.64 | --     | --     | Peak     |
| 2422.00 | 87.52 | 6.56   | 94.08  | --     | --     | Average  |
| 2484.35 | 39.87 | 6.81   | 46.68  | 54.00  | -7.32  | Average  |
| 2488.85 | 52.27 | 6.85   | 59.12  | 74.00  | -14.88 | Peak     |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 42

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

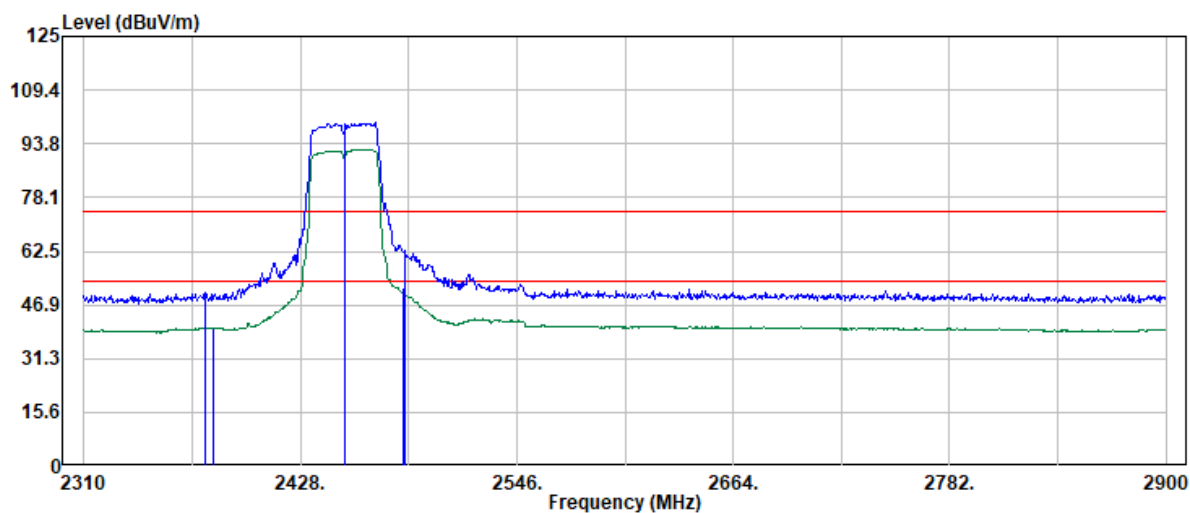
| Freq    | Read  | Factor | Actual | Limit  | Margin | Detector |
|---------|-------|--------|--------|--------|--------|----------|
| -----   | Level | -----  | FS     | @3m    | -----  | Mode     |
| MHz     | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2354.46 | 43.41 | 6.21   | 49.62  | 74.00  | -24.38 | Peak     |
| 2371.45 | 33.07 | 6.31   | 39.38  | 54.00  | -14.62 | Average  |
| 2452.00 | 85.24 | 6.63   | 91.87  | --     | --     | Peak     |
| 2452.00 | 77.03 | 6.63   | 83.66  | --     | --     | Average  |
| 2483.85 | 35.44 | 6.82   | 42.26  | 54.00  | -11.74 | Average  |
| 2484.85 | 47.42 | 6.82   | 54.24  | 74.00  | -19.76 | Peak     |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : Bandedge  
EUT Pol : E2  
Setting : 42

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



Trace: 1

| Freq    | Read  | Factor | Actual | Limit  | Margin | Detector |
|---------|-------|--------|--------|--------|--------|----------|
| -----   | ----- | -----  | -----  | -----  | -----  | -----    |
| MHz     | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 2375.94 | 44.20 | 6.34   | 50.54  | 74.00  | -23.46 | Peak     |
| 2380.44 | 33.83 | 6.38   | 40.21  | 54.00  | -13.79 | Average  |
| 2452.00 | 93.16 | 6.63   | 99.79  | --     | --     | Peak     |
| 2452.00 | 85.35 | 6.63   | 91.98  | --     | --     | Average  |
| 2483.85 | 45.02 | 6.82   | 51.84  | 54.00  | -2.16  | Average  |
| 2484.85 | 55.71 | 6.82   | 62.53  | 74.00  | -11.47 | Peak     |

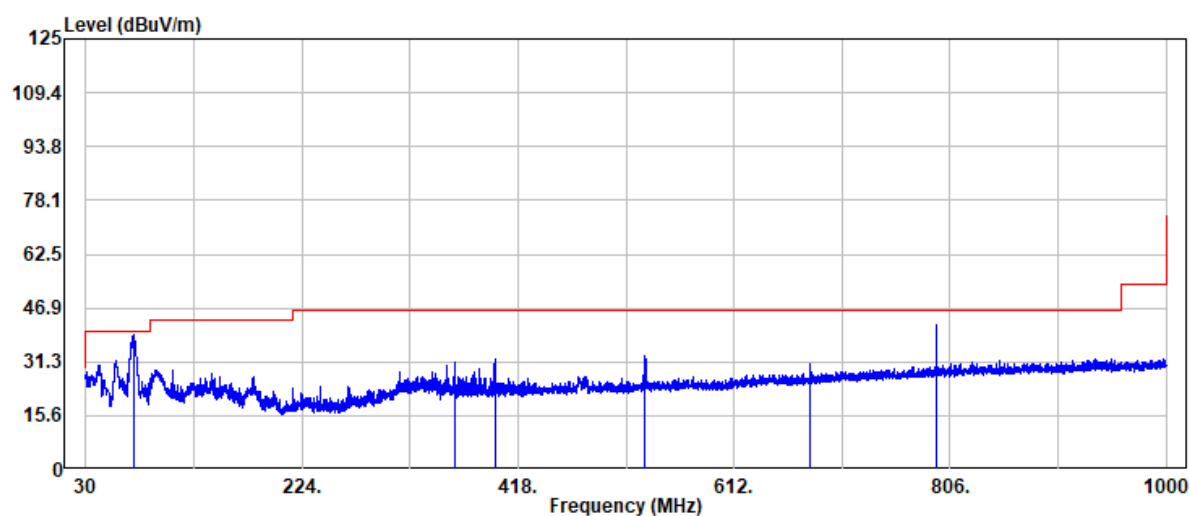
Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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## TX Test Data

Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-02-21  
Temp./Humi. : 24.4/59  
Antenna Pol. : VERTICAL  
Engineer : Ben.Yang  
Test Chamber : 966A



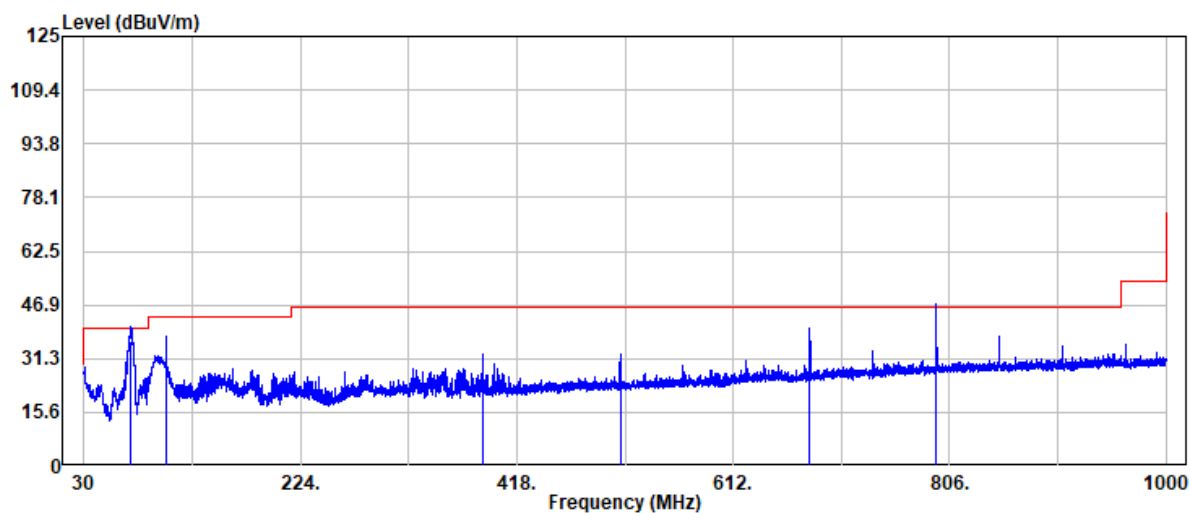
| Freq   | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|--------|------------|--------|-----------|-----------|--------|---------------|
| -----  | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz    | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 72.68  | 54.77      | -15.74 | 39.03     | 40.00     | -0.97  | Peak          |
| 361.74 | 39.03      | -7.97  | 31.06     | 46.00     | -14.94 | Peak          |
| 397.15 | 38.80      | -6.85  | 31.95     | 46.00     | -14.05 | Peak          |
| 531.49 | 37.06      | -3.96  | 33.10     | 46.00     | -12.90 | Peak          |
| 680.87 | 32.25      | -1.58  | 30.67     | 46.00     | -15.33 | Peak          |
| 794.24 | 41.78      | 0.34   | 42.12     | 46.00     | -3.88  | Peak          |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting :

Test Date : 2025-02-21  
Temp./Humi. : 24.4/59  
Antenna Pol. : HORIZONTAL  
Engineer : Ben.Yang  
Test Chamber : 966A



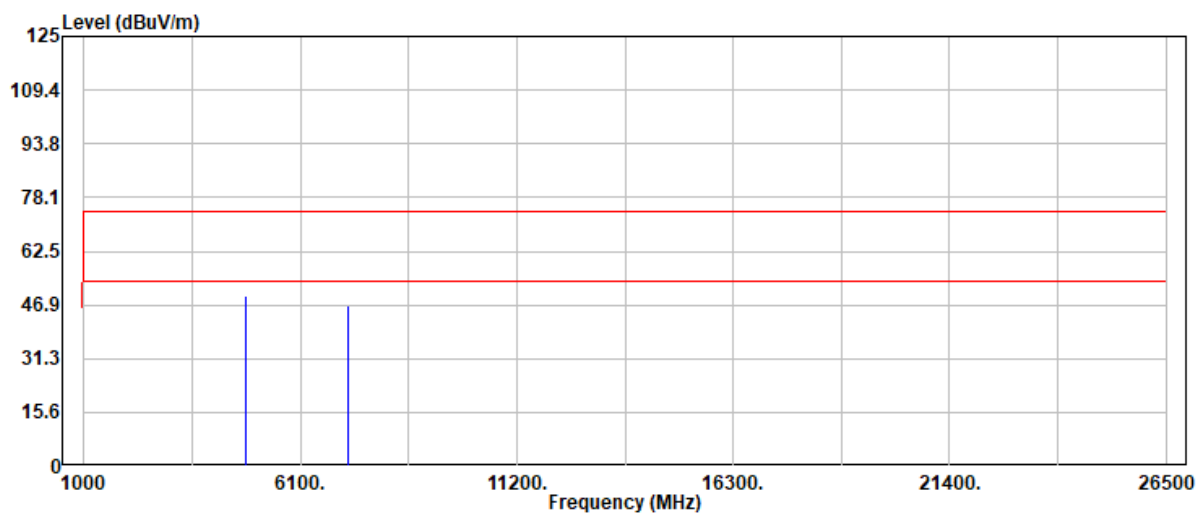
| Freq   | Read  | Factor | Actual | Limit  | Margin | Detector |
|--------|-------|--------|--------|--------|--------|----------|
| -----  | Level | -----  | FS     | @3m    | -----  | Mode     |
| MHz    | dBuV  | dB     | dBuV/m | dBuV/m | dB     | PK/QP/AV |
| 71.95  | 51.73 | -15.60 | 36.13  | 40.00  | -3.87  | QP       |
| 103.48 | 50.29 | -12.46 | 37.83  | 43.50  | -5.67  | Peak     |
| 387.20 | 39.84 | -7.33  | 32.51  | 46.00  | -13.49 | Peak     |
| 510.64 | 36.89 | -4.48  | 32.41  | 46.00  | -13.59 | Peak     |
| 680.87 | 41.77 | -1.58  | 40.19  | 46.00  | -5.81  | Peak     |
| 794.24 | 36.38 | 0.34   | 36.72  | 46.00  | -9.28  | QP       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



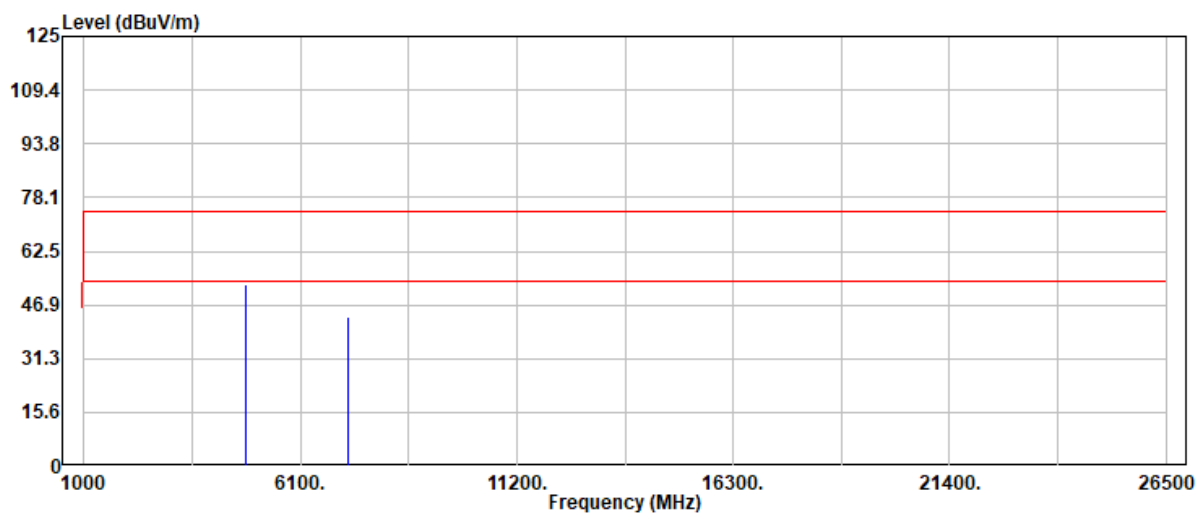
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 47.52      | 2.07   | 49.59     | 74.00     | -24.41 | Peak          |
| 4824.00 | 45.76      | 2.07   | 47.83     | 54.00     | -6.17  | Average       |
| 7236.00 | 37.58      | 8.98   | 46.56     | 74.00     | -27.44 | Peak          |
| 7236.00 | 31.12      | 8.98   | 40.10     | 54.00     | -13.90 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



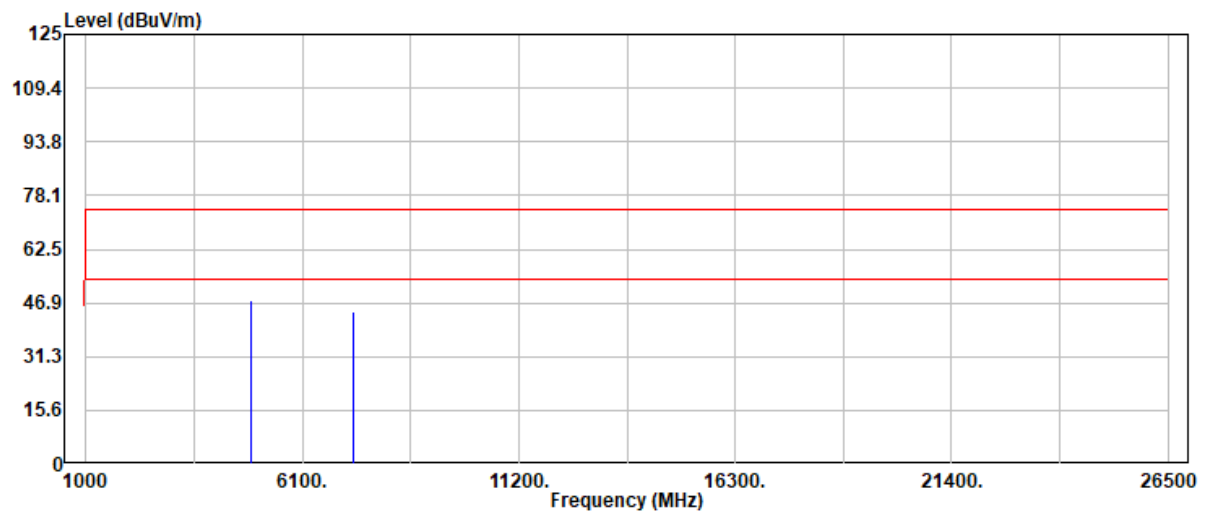
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 50.86      | 2.07   | 52.93     | 74.00     | -21.07 | Peak          |
| 4824.00 | 49.15      | 2.07   | 51.22     | 54.00     | -2.78  | Average       |
| 7236.00 | 34.47      | 8.98   | 43.45     | 74.00     | -30.55 | Peak          |
| 7236.00 | 28.19      | 8.98   | 37.17     | 54.00     | -16.83 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



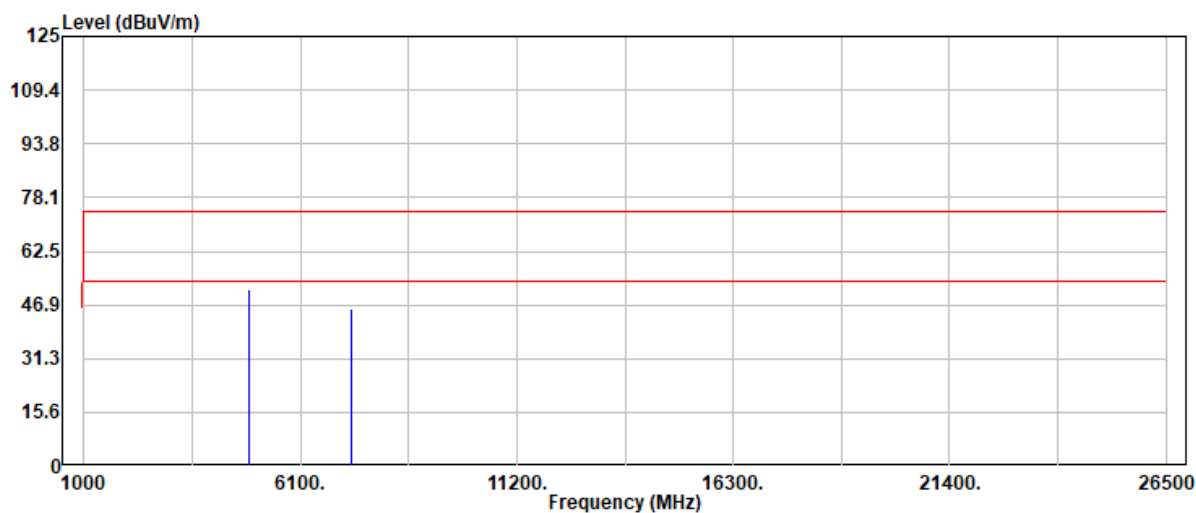
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 45.03      | 2.54   | 47.57     | 74.00     | -26.43 | Peak          |
| 4874.00 | 43.43      | 2.54   | 45.97     | 54.00     | -8.03  | Average       |
| 7311.00 | 35.12      | 9.17   | 44.29     | 74.00     | -29.71 | Peak          |
| 7311.00 | 29.52      | 9.17   | 38.69     | 54.00     | -15.31 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 58

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



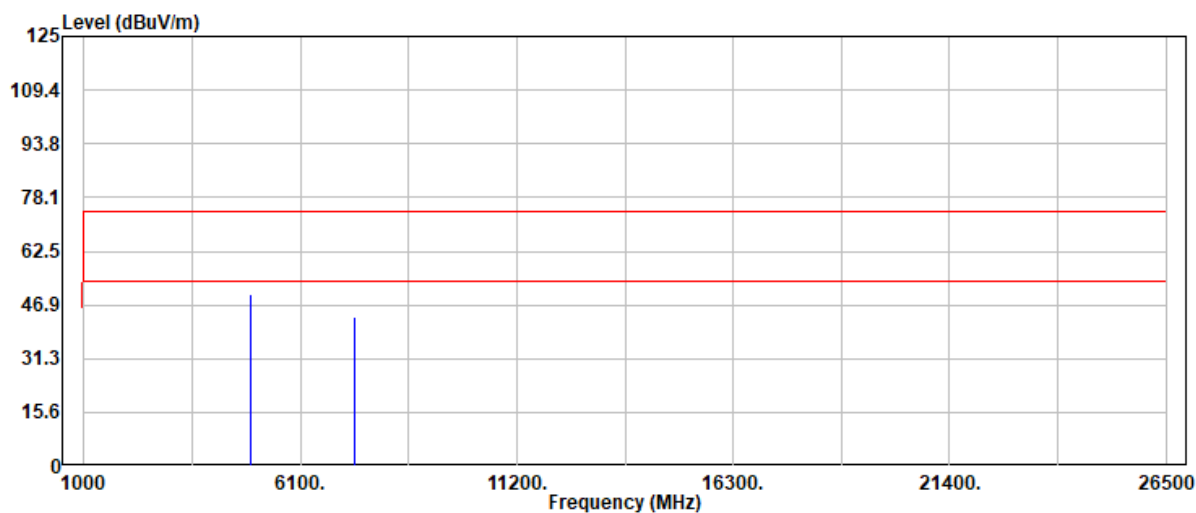
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 48.90      | 2.54   | 51.44     | 74.00     | -22.56 | Peak          |
| 4874.00 | 47.33      | 2.54   | 49.87     | 54.00     | -4.13  | Average       |
| 7311.00 | 36.73      | 9.17   | 45.90     | 74.00     | -28.10 | Peak          |
| 7311.00 | 29.00      | 9.17   | 38.17     | 54.00     | -15.83 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Rev.: 00

Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : VERTICAL  
Engineer : Tony.Chao  
Test Chamber : 966A



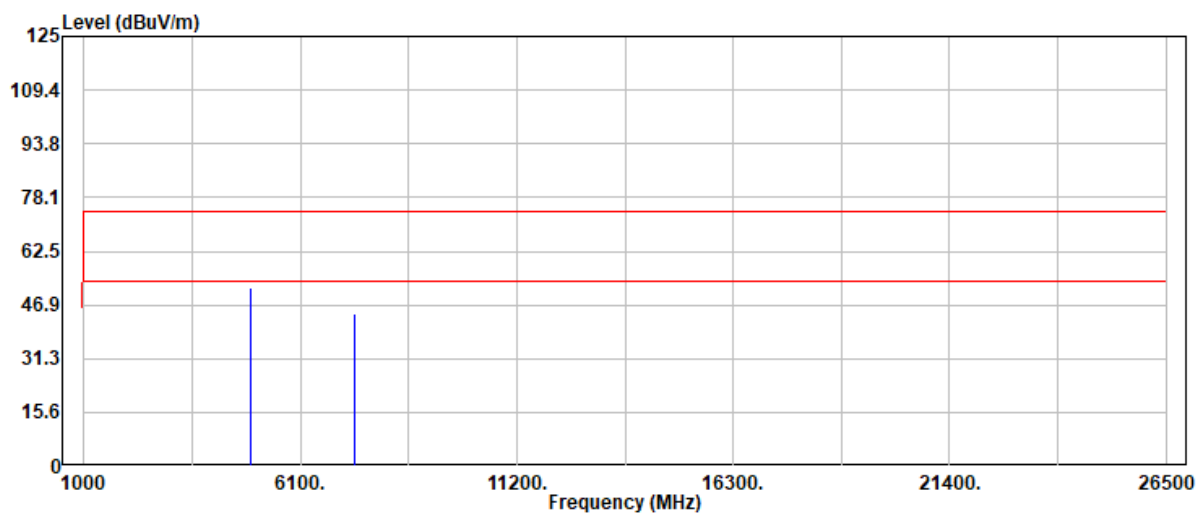
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 46.62      | 3.27   | 49.89     | 74.00     | -24.11 | Peak          |
| 4924.00 | 43.97      | 3.27   | 47.24     | 54.00     | -6.76  | Average       |
| 7386.00 | 33.84      | 9.46   | 43.30     | 74.00     | -30.70 | Peak          |
| 7386.00 | 27.53      | 9.46   | 36.99     | 54.00     | -17.01 | Average       |

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Report No.: TMWK2501000072KR

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Rev.: 00

Project No : TM-2501000072P  
Operation Band : 802.11b  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : HORIZONTAL  
Engineer : Tony.Chao  
Test Chamber : 966A



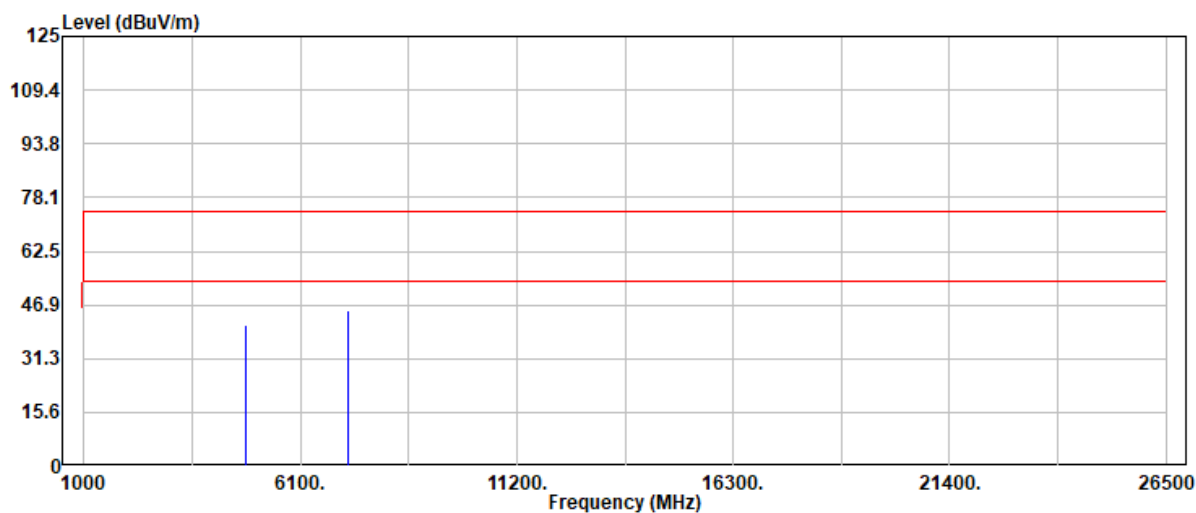
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 48.42      | 3.27   | 51.69     | 74.00     | -22.31 | Peak          |
| 4924.00 | 46.05      | 3.27   | 49.32     | 54.00     | -4.68  | Average       |
| 7386.00 | 34.71      | 9.46   | 44.17     | 74.00     | -29.83 | Peak          |
| 7386.00 | 26.73      | 9.46   | 36.19     | 54.00     | -17.81 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



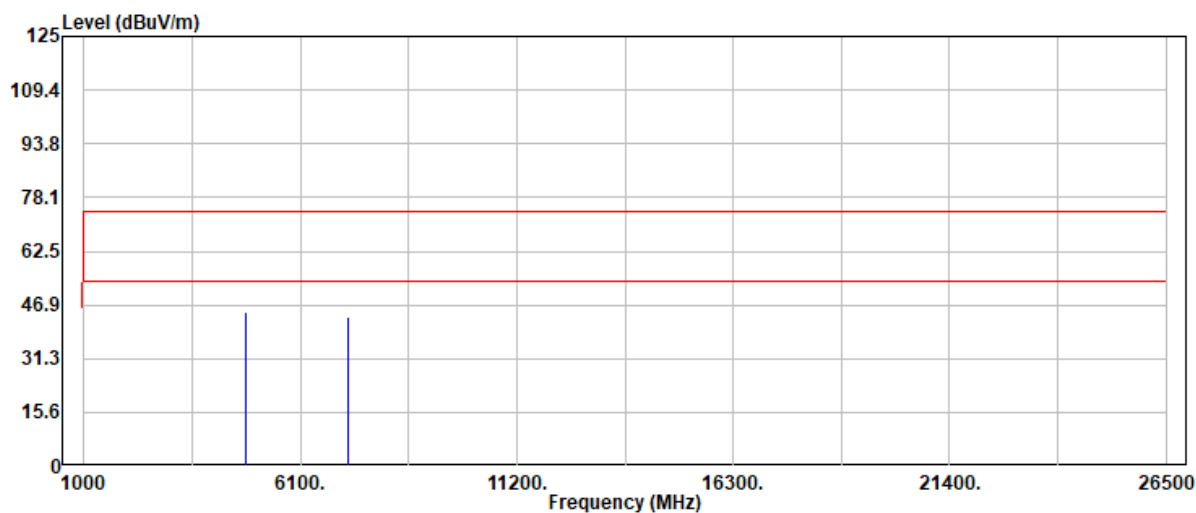
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 38.76      | 2.07   | 40.83     | 74.00     | -33.17 | Peak          |
| 4824.00 | 31.95      | 2.07   | 34.02     | 54.00     | -19.98 | Average       |
| 7236.00 | 36.07      | 8.98   | 45.05     | 74.00     | -28.95 | Peak          |
| 7236.00 | 27.48      | 8.98   | 36.46     | 54.00     | -17.54 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



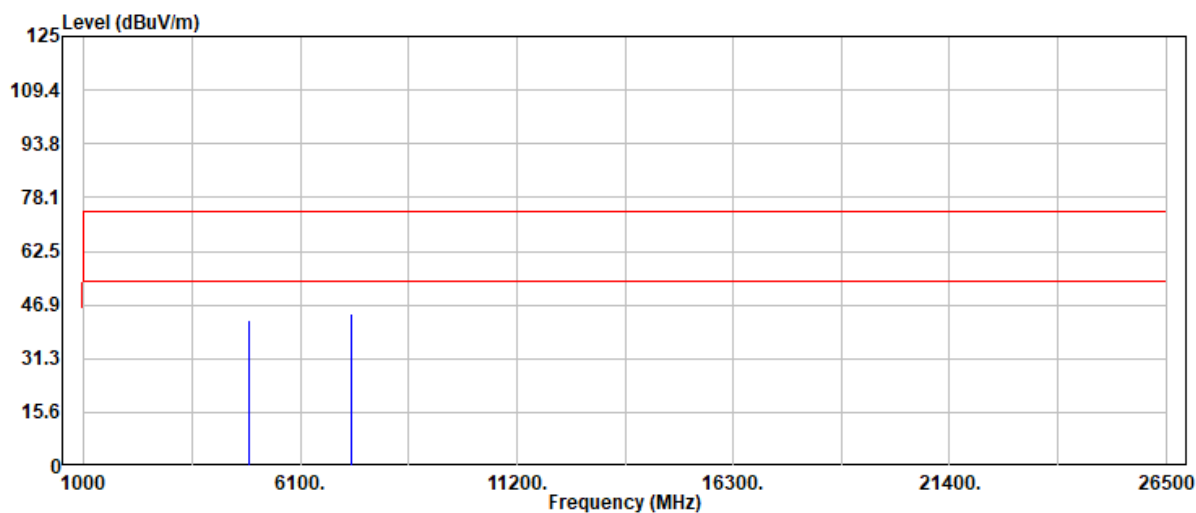
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 42.77      | 2.07   | 44.84     | 74.00     | -29.16 | Peak          |
| 4824.00 | 35.95      | 2.07   | 38.02     | 54.00     | -15.98 | Average       |
| 7236.00 | 34.65      | 8.98   | 43.63     | 74.00     | -30.37 | Peak          |
| 7236.00 | 27.52      | 8.98   | 36.50     | 54.00     | -17.50 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



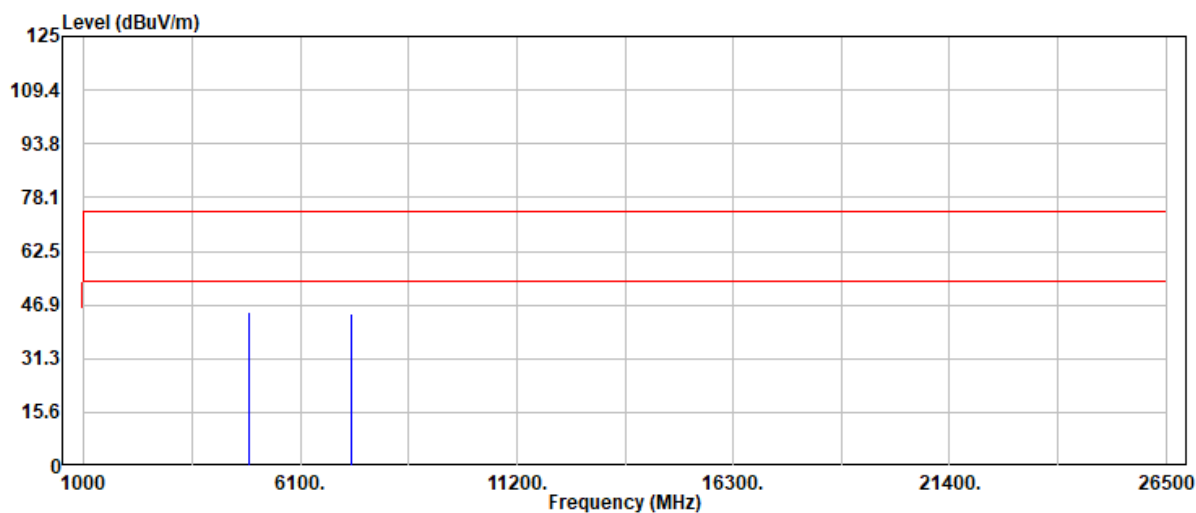
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 39.83      | 2.54   | 42.37     | 74.00     | -31.63 | Peak          |
| 4874.00 | 31.30      | 2.54   | 33.84     | 54.00     | -20.16 | Average       |
| 7311.00 | 35.24      | 9.17   | 44.41     | 74.00     | -29.59 | Peak          |
| 7311.00 | 27.72      | 9.17   | 36.89     | 54.00     | -17.11 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



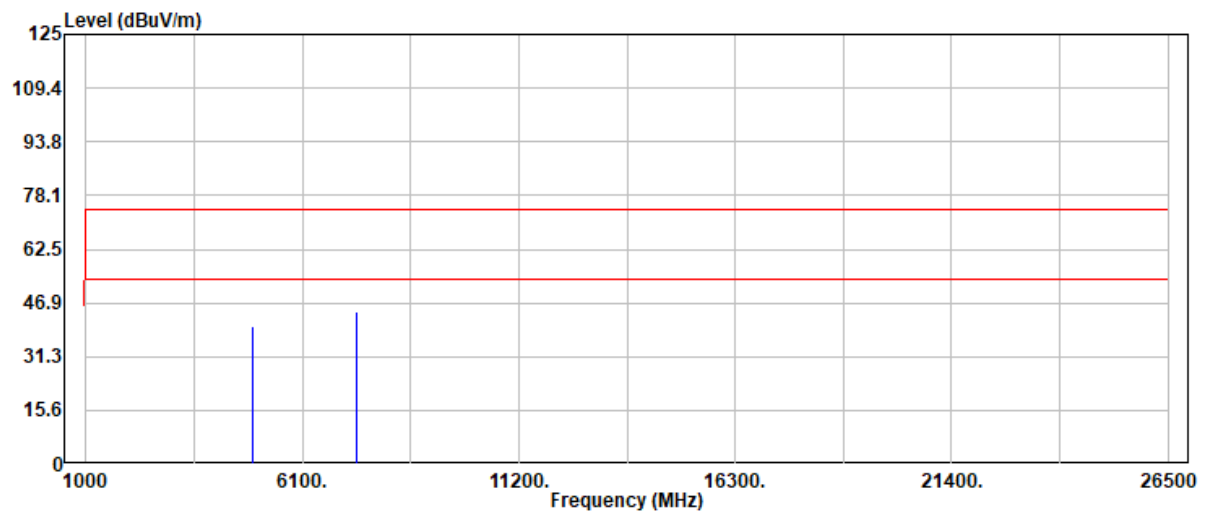
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 42.34      | 2.54   | 44.88     | 74.00     | -29.12 | Peak          |
| 4874.00 | 35.91      | 2.54   | 38.45     | 54.00     | -15.55 | Average       |
| 7311.00 | 35.06      | 9.17   | 44.23     | 74.00     | -29.77 | Peak          |
| 7311.00 | 27.80      | 9.17   | 36.97     | 54.00     | -17.03 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



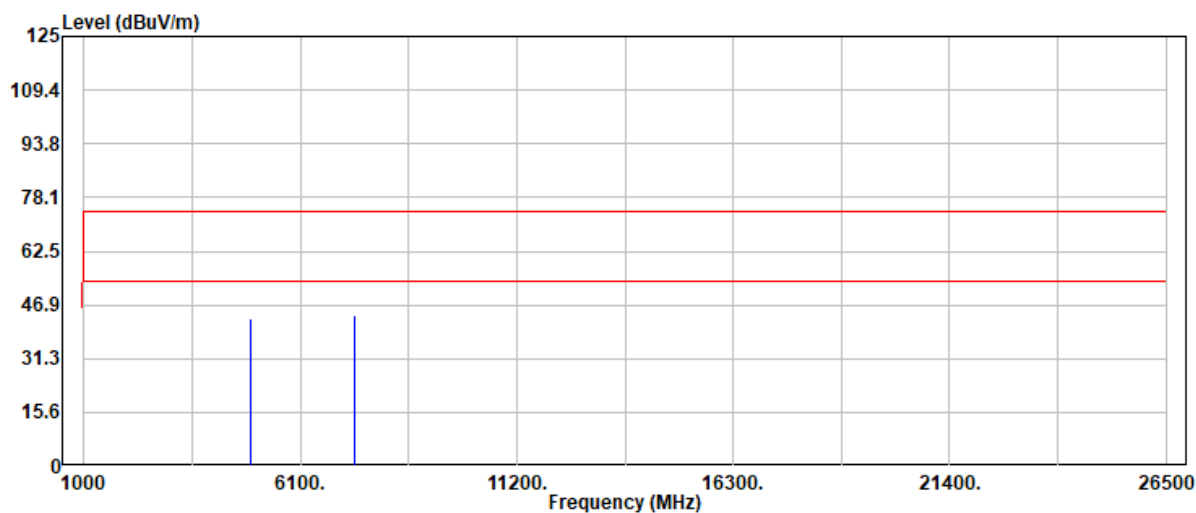
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.92      | 3.27   | 40.19     | 74.00     | -33.81 | Peak          |
| 4924.00 | 28.46      | 3.27   | 31.73     | 54.00     | -22.27 | Average       |
| 7386.00 | 34.76      | 9.46   | 44.22     | 74.00     | -29.78 | Peak          |
| 7386.00 | 27.56      | 9.46   | 37.02     | 54.00     | -16.98 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11g  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



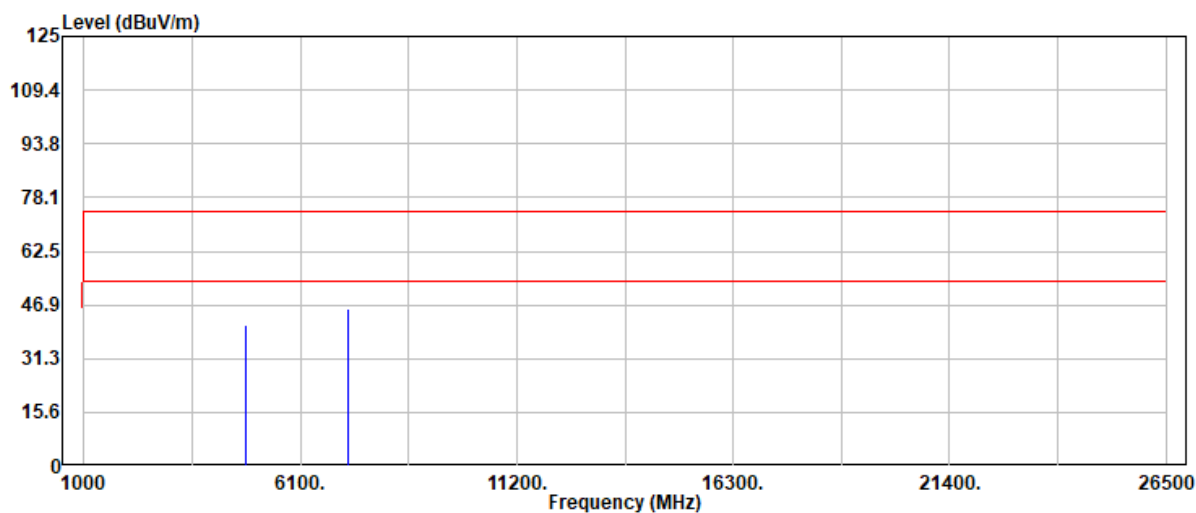
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 39.58      | 3.27   | 42.85     | 74.00     | -31.15 | Peak          |
| 4924.00 | 31.50      | 3.27   | 34.77     | 54.00     | -19.23 | Average       |
| 7386.00 | 34.61      | 9.46   | 44.07     | 74.00     | -29.93 | Peak          |
| 7386.00 | 27.37      | 9.46   | 36.83     | 54.00     | -17.17 | Average       |

Project No: TM-2501000072P  
Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



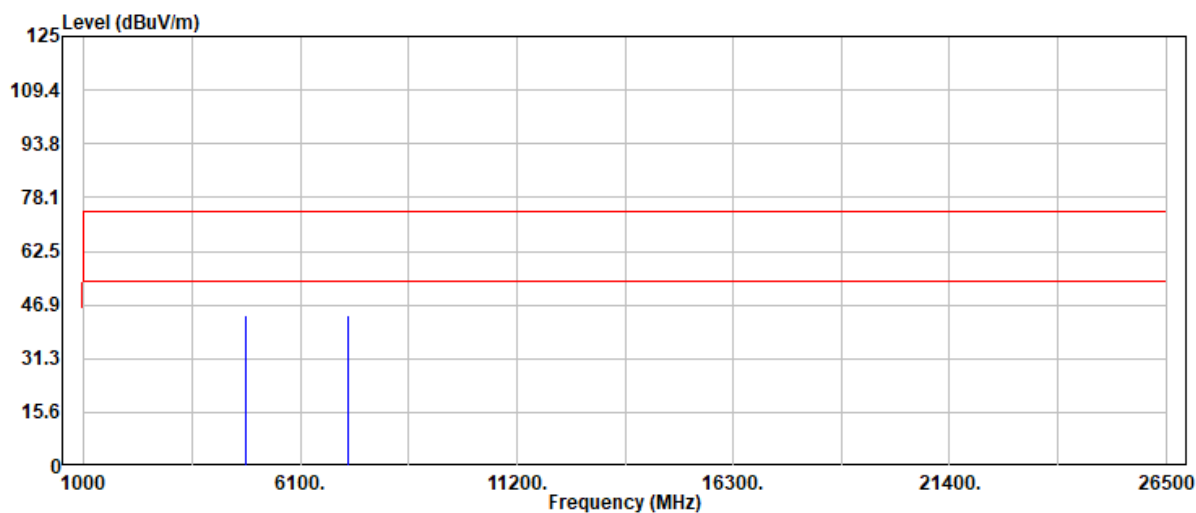
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 39.03      | 2.07   | 41.10     | 74.00     | -32.90 | Peak          |
| 4824.00 | 31.59      | 2.07   | 33.66     | 54.00     | -20.34 | Average       |
| 7236.00 | 36.97      | 8.98   | 45.95     | 74.00     | -28.05 | Peak          |
| 7236.00 | 27.56      | 8.98   | 36.54     | 54.00     | -17.46 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2412 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



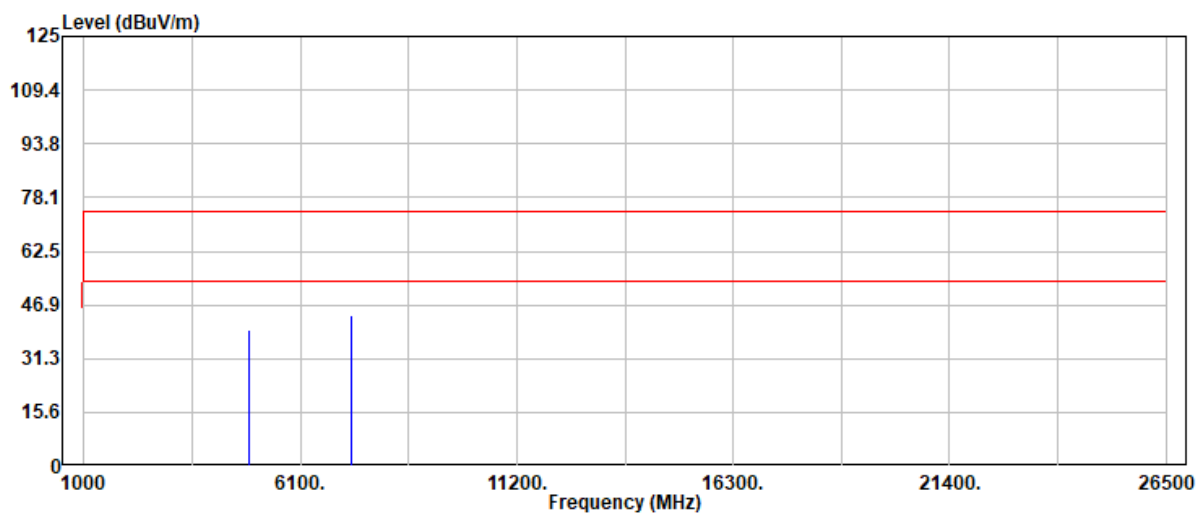
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4824.00 | 41.82      | 2.07   | 43.89     | 74.00     | -30.11 | Peak          |
| 4824.00 | 35.69      | 2.07   | 37.76     | 54.00     | -16.24 | Average       |
| 7236.00 | 34.94      | 8.98   | 43.92     | 74.00     | -30.08 | Peak          |
| 7236.00 | 27.47      | 8.98   | 36.45     | 54.00     | -17.55 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



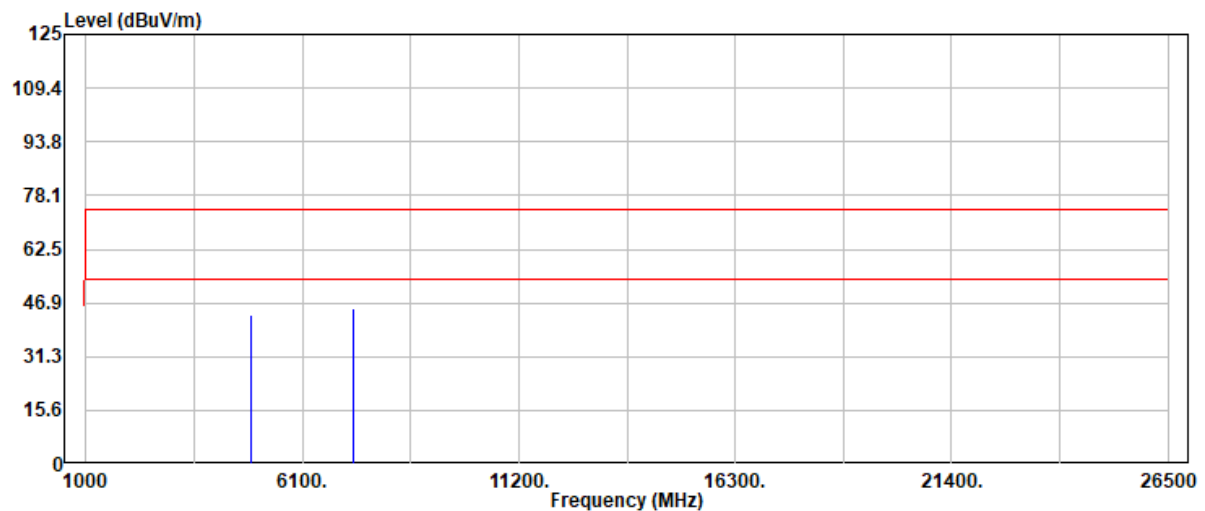
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 37.16      | 2.54   | 39.70     | 74.00     | -34.30 | Peak          |
| 4874.00 | 31.50      | 2.54   | 34.04     | 54.00     | -19.96 | Average       |
| 7311.00 | 34.83      | 9.17   | 44.00     | 74.00     | -30.00 | Peak          |
| 7311.00 | 27.75      | 9.17   | 36.92     | 54.00     | -17.08 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 56

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



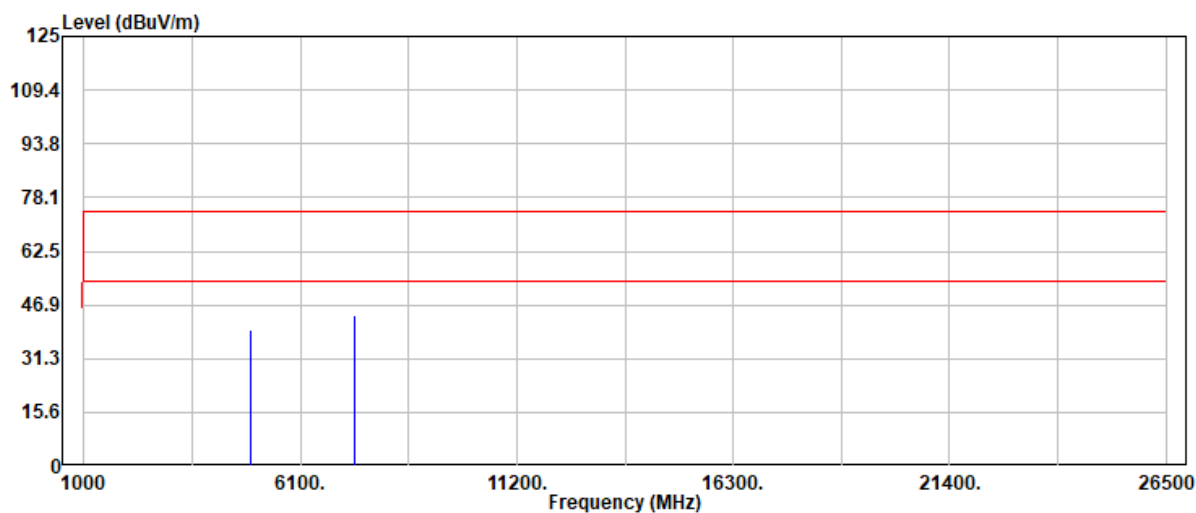
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 41.09      | 2.54   | 43.63     | 74.00     | -30.37 | Peak          |
| 4874.00 | 35.65      | 2.54   | 38.19     | 54.00     | -15.81 | Average       |
| 7311.00 | 36.03      | 9.17   | 45.20     | 74.00     | -28.80 | Peak          |
| 7311.00 | 27.69      | 9.17   | 36.86     | 54.00     | -17.14 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



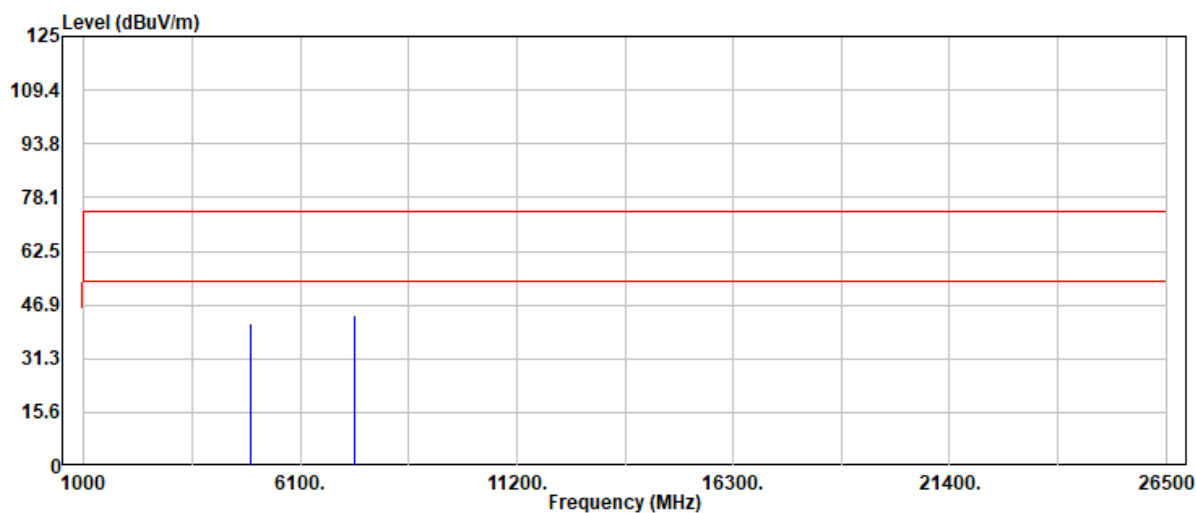
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 36.26      | 3.27   | 39.53     | 74.00     | -34.47 | Peak          |
| 4924.00 | 28.67      | 3.27   | 31.94     | 54.00     | -22.06 | Average       |
| 7386.00 | 34.39      | 9.46   | 43.85     | 74.00     | -30.15 | Peak          |
| 7386.00 | 27.45      | 9.46   | 36.91     | 54.00     | -17.09 | Average       |

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Project No : TM-2501000072P  
Operation Band : 802.11n20  
Frequency : 2462 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 46

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



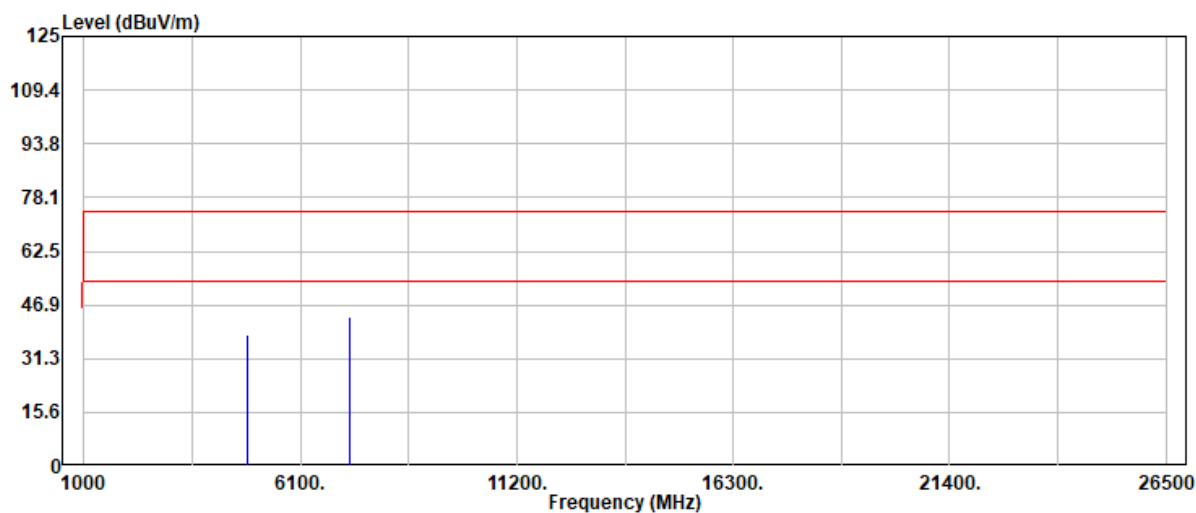
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4924.00 | 38.46      | 3.27   | 41.73     | 74.00     | -32.27 | Peak          |
| 4924.00 | 31.15      | 3.27   | 34.42     | 54.00     | -19.58 | Average       |
| 7386.00 | 34.32      | 9.46   | 43.78     | 74.00     | -30.22 | Peak          |
| 7386.00 | 27.42      | 9.46   | 36.88     | 54.00     | -17.12 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



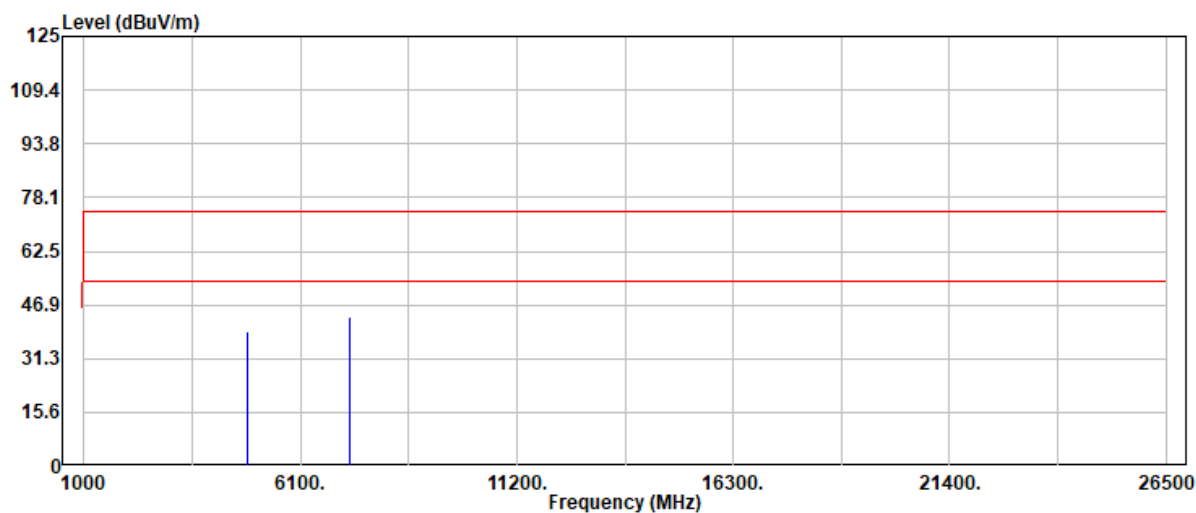
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 36.03      | 2.16   | 38.19     | 74.00     | -35.81 | Peak          |
| 4844.00 | 29.21      | 2.16   | 31.37     | 54.00     | -22.63 | Average       |
| 7266.00 | 34.51      | 9.08   | 43.59     | 74.00     | -30.41 | Peak          |
| 7266.00 | 27.66      | 9.08   | 36.74     | 54.00     | -17.26 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2422 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



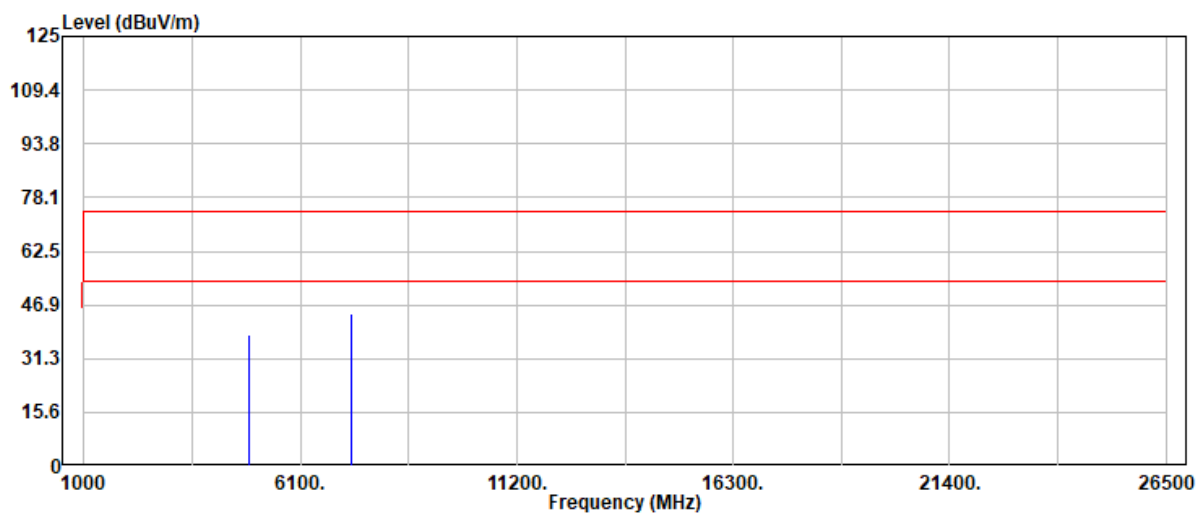
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4844.00 | 36.94      | 2.16   | 39.10     | 74.00     | -34.90 | Peak          |
| 4844.00 | 30.93      | 2.16   | 33.09     | 54.00     | -20.91 | Average       |
| 7266.00 | 34.52      | 9.08   | 43.60     | 74.00     | -30.40 | Peak          |
| 7266.00 | 27.53      | 9.08   | 36.61     | 54.00     | -17.39 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



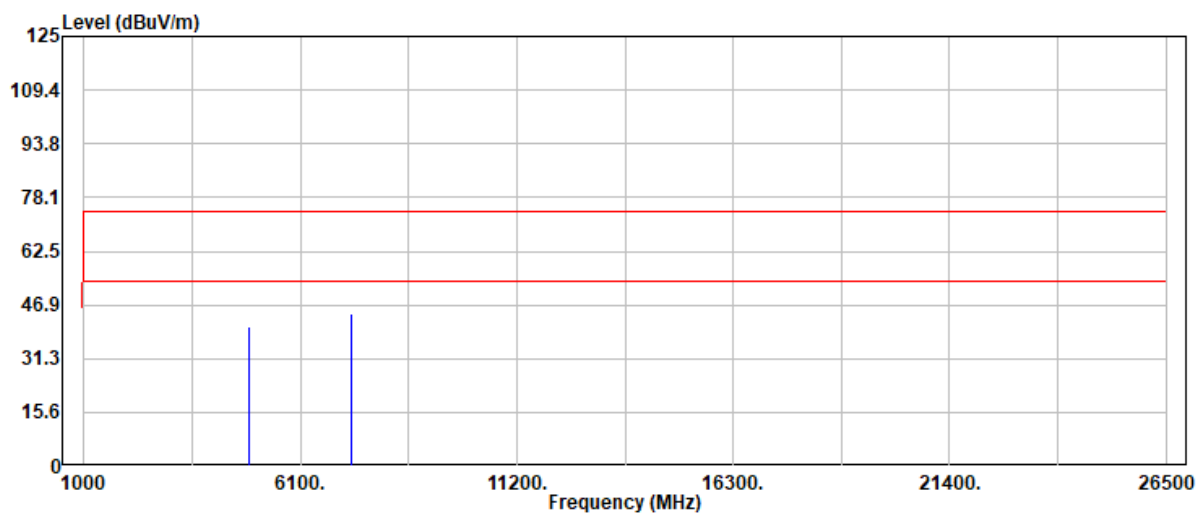
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 35.76      | 2.54   | 38.30     | 74.00     | -35.70 | Peak          |
| 4874.00 | 29.09      | 2.54   | 31.63     | 54.00     | -22.37 | Average       |
| 7311.00 | 35.15      | 9.17   | 44.32     | 74.00     | -29.68 | Peak          |
| 7311.00 | 27.64      | 9.17   | 36.81     | 54.00     | -17.19 | Average       |

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2437 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 48

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Horizontal  
Engineer : Ben.Yang  
Test Chamber : 966A



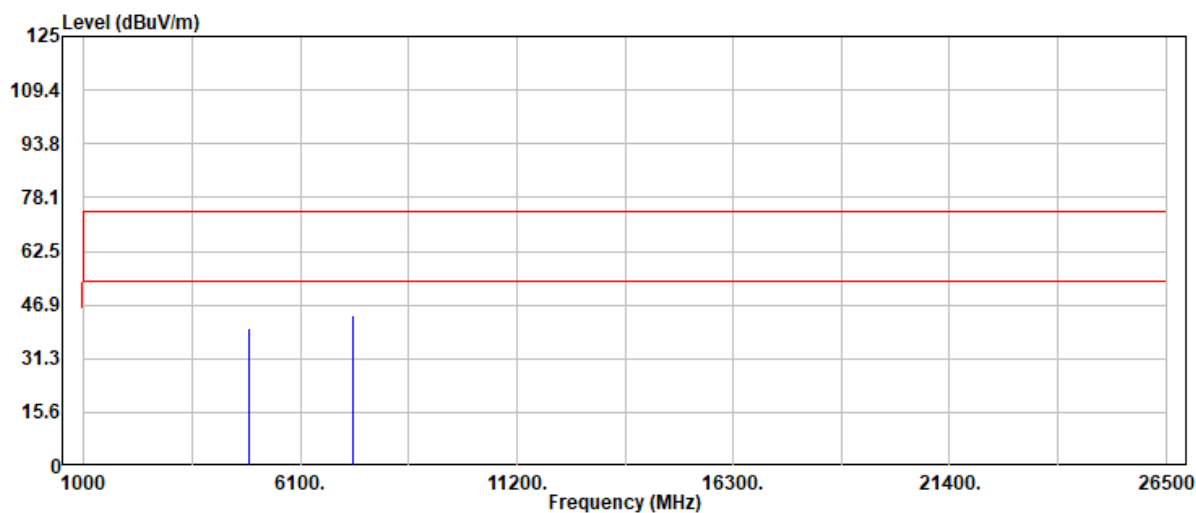
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4874.00 | 38.19      | 2.54   | 40.73     | 74.00     | -33.27 | Peak          |
| 4874.00 | 31.47      | 2.54   | 34.01     | 54.00     | -19.99 | Average       |
| 7311.00 | 35.23      | 9.17   | 44.40     | 74.00     | -29.60 | Peak          |
| 7311.00 | 27.74      | 9.17   | 36.91     | 54.00     | -17.09 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 42

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
Antenna Pol. : Vertical  
Engineer : Ben.Yang  
Test Chamber : 966A



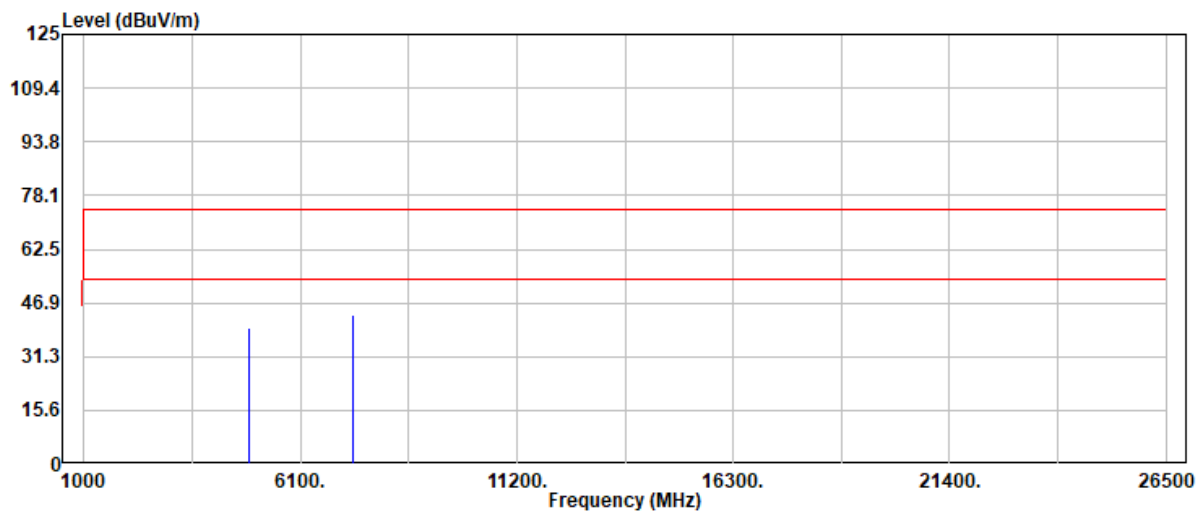
| Freq    | Read Level | Factor | Actual FS | Limit @3m | Margin | Detector Mode |
|---------|------------|--------|-----------|-----------|--------|---------------|
| -----   | -----      | -----  | -----     | -----     | -----  | -----         |
| MHz     | dBuV       | dB     | dBuV/m    | dBuV/m    | dB     | PK/QP/AV      |
| 4904.00 | 36.99      | 2.99   | 39.98     | 74.00     | -34.02 | Peak          |
| 4904.00 | 28.42      | 2.99   | 31.41     | 54.00     | -22.59 | Average       |
| 7356.00 | 34.47      | 9.42   | 43.89     | 74.00     | -30.11 | Peak          |
| 7356.00 | 27.70      | 9.42   | 37.12     | 54.00     | -16.88 | Average       |

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Report No.: TMWK2501000072KR

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Project No : TM-2501000072P  
Operation Band : 802.11n40  
Frequency : 2452 MHz  
Operation Mode : TX  
EUT Pol : E2  
Setting : 42

Test Date : 2025-02-20  
Temp./Humi. : 24.6/58  
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 | 36.74      | 2.99   | 39.73     | 74.00     | -34.27 | Peak          |
| 4904.00 | 29.20      | 2.99   | 32.19     | 54.00     | -21.81 | Average       |
| 7356.00 | 34.05      | 9.42   | 43.47     | 74.00     | -30.53 | Peak          |
| 7356.00 | 27.62      | 9.42   | 37.04     | 54.00     | -16.96 | Average       |

**- End of Test Report -**