

|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                              |                                                            |                                                                     |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br>Test report no.:                                                                                                                                                                                                                                                                                                                                                                                                         | CN23RJTZ (P15E-WiFi6G)<br>001                                                                                                                                                                                | <b>Auftrags-Nr.:</b><br>Order no.:                         | 48224548                                                            | Seite 1 von 34<br>Page 1 of 34           |
| <b>Kunden-Referenz-Nr.:</b><br>Client reference no.:                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                                                                                                                          | <b>Auftragsdatum:</b><br>Order date:                       | 2023-10-12                                                          |                                          |
| <b>Auftraggeber:</b><br>Client:                                                                                                                                                                                                                                                                                                                                                                                                                     | medDV GmbH<br>Rudolf-Diesel-Straße 10-12, 35463 Fernwald, Germany                                                                                                                                            |                                                            |                                                                     |                                          |
| <b>Prüfgegenstand:</b><br>Test item:                                                                                                                                                                                                                                                                                                                                                                                                                | Mobile Medical Assistant                                                                                                                                                                                     |                                                            |                                                                     |                                          |
| <b>Bezeichnung / Typ-Nr.:</b><br>Identification / Type no.:                                                                                                                                                                                                                                                                                                                                                                                         | NIDApad                                                                                                                                                                                                      |                                                            |                                                                     |                                          |
| <b>Auftrags-Inhalt:</b><br>Order content:                                                                                                                                                                                                                                                                                                                                                                                                           | FCC Part 15E Test report (WiFi 6GHz)                                                                                                                                                                         |                                                            |                                                                     |                                          |
| <b>Prüfgrundlage:</b><br>Test specification:                                                                                                                                                                                                                                                                                                                                                                                                        | FCC 47CFR Part 15: Subpart E Section 15.407                                                                                                                                                                  |                                                            |                                                                     |                                          |
| <b>Wareneingangsdatum:</b><br>Date of sample receipt:                                                                                                                                                                                                                                                                                                                                                                                               | 2023-10-04                                                                                                                                                                                                   |                                                            |                                                                     |                                          |
| <b>Prüfmuster-Nr.:</b><br>Test sample no.:                                                                                                                                                                                                                                                                                                                                                                                                          | A003574313-017                                                                                                                                                                                               |                                                            |                                                                     |                                          |
| <b>Prüfzeitraum:</b><br>Testing period:                                                                                                                                                                                                                                                                                                                                                                                                             | 2023-10-26 - 2023-11-08                                                                                                                                                                                      |                                                            |                                                                     |                                          |
| <b>Ort der Prüfung:</b><br>Place of testing:                                                                                                                                                                                                                                                                                                                                                                                                        | EMC/RF Taipei Testing Site                                                                                                                                                                                   |                                                            |                                                                     |                                          |
| <b>Prüflaboratorium:</b><br>Testing laboratory:                                                                                                                                                                                                                                                                                                                                                                                                     | Taipei Testing Laboratories                                                                                                                                                                                  |                                                            |                                                                     |                                          |
| <b>Prüfergebnis*:</b><br>Test result*:                                                                                                                                                                                                                                                                                                                                                                                                              | Pass                                                                                                                                                                                                         |                                                            |                                                                     |                                          |
| <b>überprüft von:</b><br>compiled by:                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                              |                                                            | <b>genehmigt von:</b><br>authorized by:                             |                                          |
| <b>Datum:</b><br>Date:                                                                                                                                                                                                                                                                                                                                                                                                                              | 2023-11-23                                                                                                                                                                                                   | <b>Ausstellungsdatum:</b><br>Issue date:                   | 2023-11-23                                                          |                                          |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | David Huang<br>Project Manager                                                                                                                                                                               | <b>Stellung / Position:</b>                                | Brenda Chen<br>Senior Project Manager                               |                                          |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                           | Only RF output power, worst case of radiated spurious emissions, and mains conducted emission tests were evaluated in this report. For other test results, please refer to module report no.: RF201119E01-6. |                                                            |                                                                     |                                          |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br>Condition of the test item at delivery:                                                                                                                                                                                                                                                                                                                                                     | Prüfmuster vollständig und unbeschädigt<br>Test item complete and undamaged                                                                                                                                  |                                                            |                                                                     |                                          |
| * Legende:                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 = sehr gut<br>P(ass) = entspricht o.g. Prüfgrundlage(n)                                                                                                                                                    | 2 = gut<br>F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | 3 = befriedigend<br>F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | 4 = ausreichend<br>N/A = nicht anwendbar |
| * Legend:                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 = very good<br>P(ass) = passed a.m. test specification(s)                                                                                                                                                  | 2 = good<br>F(ail) = failed a.m. test specification(s)     | 3 = satisfactory<br>F(ail) = failed a.m. test specification(s)      | 4 = sufficient<br>N/A = not applicable   |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark. |                                                                                                                                                                                                              |                                                            |                                                                     |                                          |

## TEST SUMMARY

| Report Section | FCC Clause | Test Item                                 | Result |
|----------------|------------|-------------------------------------------|--------|
| 5.1.1          | 15.203     | Antenna Requirement                       | Pass   |
| 5.1.2          | 15.407(a)  | Maximum e.i.r.p.                          | Pass   |
| -              | 15.407(a)  | Emission Bandwidth                        | Pass   |
| -              | 15.407(g)  | Frequency Stability                       | Pass   |
| -              | 15.407(a)  | Maximum Power Spectral Density (e.i.r.p.) | Pass   |
| 5.1.3          | 15.407(b)  | Radiated Spurious Emissions               | Pass   |
| -              | 15.407(b)  | In-Band Emissions (Channel Mask)          | Pass   |
| -              | 15.407(d)  | Contention-Based Protocol                 | Pass   |
| 5.2.1          | 15.207     | Mains Conducted Emission                  | Pass   |

Note:

1. Refer to module report for the details.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

## Contents

|                                                           |           |
|-----------------------------------------------------------|-----------|
| <b>HISTORY OF THIS TEST REPORT .....</b>                  | <b>4</b>  |
| <b>1. GENERAL REMARKS .....</b>                           | <b>5</b>  |
| 1.1 COMPLEMENTARY MATERIALS.....                          | 5         |
| 1.2 DECISION RULE OF CONFORMITY .....                     | 5         |
| <b>2. TEST SITES .....</b>                                | <b>6</b>  |
| 2.1 TEST LABORATORY .....                                 | 6         |
| 2.2 TEST FACILITY.....                                    | 6         |
| 2.3 TRACEABILITY .....                                    | 7         |
| 2.4 CALIBRATION .....                                     | 7         |
| 2.5 MEASUREMENT UNCERTAINTY .....                         | 7         |
| <b>3. GENERAL PRODUCT INFORMATION.....</b>                | <b>8</b>  |
| 3.1 PRODUCT FUNCTION AND INTENDED USE .....               | 8         |
| 3.2 SYSTEM DETAILS AND RATINGS.....                       | 8         |
| 3.3 NOISE GENERATING AND NOISE SUPPRESSING PARTS .....    | 9         |
| 3.4 SUBMITTED DOCUMENTS.....                              | 9         |
| <b>4. TEST SET-UP AND OPERATION MODES.....</b>            | <b>10</b> |
| 4.1 PRINCIPLE OF CONFIGURATION SELECTION .....            | 10        |
| 4.2 CARRIER FREQUENCY AND CHANNEL.....                    | 13        |
| 4.3 TEST OPERATION AND TEST SOFTWARE.....                 | 16        |
| 4.4 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT .....     | 19        |
| 4.5 TEST SETUP DIAGRAM .....                              | 19        |
| <b>5. TEST RESULTS .....</b>                              | <b>20</b> |
| <b>5.1 TRANSMITTER REQUIREMENT &amp; TEST SUITES.....</b> | <b>20</b> |
| 5.1.1 Antenna Requirement .....                           | 20        |
| 5.1.2 Maximum e.i.r.p.....                                | 21        |
| 5.1.3 Radiated Spurious Emissions .....                   | 28        |
| <b>5.2 MAINS EMISSION .....</b>                           | <b>33</b> |
| 5.2.1 Mains Conducted Emission.....                       | 33        |

**APPENDIX A - TEST RESULT OF RADIATED EMISSIONS & MAINS CONDUCTED EMISSION**

**APPENDIX SP - PHOTOGRAPHS OF TEST SETUP**

**APPENDIX EP - PHOTOGRAPHS OF EUT**

**Prüfbericht - Nr.: CN23RJTZ (P15E-WiFi6G) 001**  
*Test Report No.*

**Seite 4 von 34**  
*Page 4 of 34*

## HISTORY OF THIS TEST REPORT

| Revision | Description      | Date Issued |
|----------|------------------|-------------|
| R01      | Original Release | 2023-11-23  |

# 1. General Remarks

## 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

**Appendix A - Test Result of Radiated Emissions & Mains Conducted Emission**

**Appendix SP - Photographs of Test Setup**

**Appendix EP - Photographs of EUT**

### Applied Standard and Test Levels

| Radio                                                        |
|--------------------------------------------------------------|
| FCC 47CFR Part 15: Subpart E Section 15.407                  |
| ANSI C63.10:2013                                             |
| KDB 789033 D02 General UNII Test Procedures New Rules v02r01 |
| KDB 987594 D02 U-NII 6 GHz EMC Measurement v01r01            |
| KDB 662911 D01 Multiple Transmitter Output v02r01            |

## 1.2 Decision Rule of Conformity

The decision rule of conformity of this test report is following the requirements of the requested standard in the quotation, and agreed among testing laboratory and manufacturer (applicant) to exclude the consideration of Measurement Uncertainty, unless it is required by the specific standard.

## 2. Test Sites

### 2.1 Test Laboratory

Taipei Testing Laboratories

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.  
Taipei City 105  
Taiwan (R.O.C.)

### 2.2 Test Facility

Taipei Testing Laboratories

No.458-18, Sec. 2, Fenliao Rd., Linkou Dist.,  
New Taipei City 244  
Taiwan (R.O.C.)  
FCC Registration No.: 180491  
ISED Registration No.: 25563

## 2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

All measurement uncertainty values are shown with a coverage factor of  $k=2$  to indicate a 95% level of confidence.

### Emission Measurement Uncertainty

| Parameter                            | Uncertainty   |
|--------------------------------------|---------------|
| Radiated Emission (9 kHz ~ 30 MHz)   | $\pm 1.15$ dB |
| Radiated Emission (30 MHz ~ 200 MHz) | $\pm 1.30$ dB |
| Radiated Emission (200 MHz ~ 1 GHz)  | $\pm 1.30$ dB |
| Radiated Emission (1 GHz ~ 18 GHz)   | $\pm 1.54$ dB |
| Radiated Emission (18 GHz ~ 40 GHz)  | $\pm 2.52$ dB |
| Mains Conducted Emission             | $\pm 1.65$ dB |

## 3. General Product Information

### 3.1 Product Function and Intended Use

The EUT is a Mobile Medical Assistant. It contains a WLAN compatible module enabling the user to communicate data through a Wireless interface.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

### 3.2 System Details and Ratings

#### Basic Information of EUT

| Item                        | EUT information          |
|-----------------------------|--------------------------|
| Kind of Equipment/Test Item | Mobile Medical Assistant |
| Type Identification         | NIDApad                  |
| FCC ID                      | 2AWKZ-QCNFA765           |

#### Technical Specification of EUT

| Item                            | EUT information                                                                                                          |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Operating Frequency             | Band 5: 5955 MHz ~ 6415 MHz<br>Band 6: 6435 MHz ~ 6525 MHz<br>Band 7: 6525 MHz ~ 6875 MHz<br>Band 8: 6875 MHz ~ 7115 MHz |
| Channel Number                  | Band 5~8:<br>59 for 802.11a, 802.11ax HE20<br>29 for 802.11ax HE40<br>14 for 802.11ax HE80<br>7 for 802.11ax HE160       |
| Data Rate                       | 802.11a: 54.0 / 48.0 / 36.0 / 24.0 / 18.0 / 12.0 / 9.0 / 6.0 Mbps<br>802.11ax: up to MCS11                               |
| Operation Voltage               | 7.2 Vdc (Battery)<br>12 Vdc (Adapter)                                                                                    |
| Modulation                      | OFDM/OFDMA :<br>(BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)                                                              |
| Maximum EIRP Output Power (dBm) | 5955 ~ 6415 MHz: 21.66<br>6435 ~ 6525 MHz: 21.74<br>6525 ~ 6875 MHz: 21.74<br>6875 ~ 7115 MHz: 21.78                     |
| Antenna Information             | Refer to 5.1.1                                                                                                           |
| Accessory Device                | Refer to 4.4                                                                                                             |

### **3.3 Noise Generating and Noise Suppressing Parts**

Refer to the Circuit Diagram.

### **3.4 Submitted Documents**

- Circuit Diagram
- Instruction Manual
- Rating Label
- Technical Description

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

The test modes were adapted accordingly in reference to the instructions for use.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output expected by the customer and is going to be fixed on the firmware of the final end product.

**Table for Parameters of Test Software Setting**

| 802.11a |               | 802.11ax HE20 |               | 802.11ax HE40 |               | 802.11ax HE80 |               | 802.11ax HE160 |               |
|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|
| Channel | Power Setting | Channel       | Power Setting | Channel       | Power Setting | Channel       | Power Setting | Channel        | Power Setting |
| 1       | 1.5           | 1             | 2.5           | 3             | 6             | 7             | 8             | 15             | 9.5           |
| 45      | 3             | 45            | 3             | 43            | 7             | 39            | 8.5           | 47             | 11            |
| 93      | 3             | 93            | 3.5           | 91            | 7             | 87            | 9.5           | 79             | 10.5          |
| 97      | 3             | 97            | 3             | 99            | 7             | 103           | 9.5           | *111           | 10.5          |
| 105     | 1.5           | 105           | 3             | 107           | 6.5           | *119          | 10            | *111           | 10.5          |
| 113     | 3.5           | 113           | 5             | *115          | 8             | *119          | 10            | 143            | 11            |
| 117     | 3.5           | 117           | 5             | *115          | 8             | 135           | 10.5          | *175           | 11.5          |
| 149     | 2.5           | 149           | 2.5           | 123           | 8             | 151           | 8.5           | *175           | 11.5          |
| 181     | 2.5           | 181           | 3             | 155           | 7             | 167           | 9             | 207            | 12            |
| 185*    | 3             | 185*          | 3             | 179           | 6.5           | 183*          | 9.5           |                |               |
| 185*    | 3             | 185*          | 3             | *187          | 7             | 183*          | 9.5           |                |               |
| 189     | 3             | 189           | 3             | *187          | 7             | 199           | 9.5           |                |               |
| 209     | 4             | 209           | 4             | 195           | 7             | 215           | 10.5          |                |               |
| 233     | 2.5           | 233           | 1.5           | 211           | 7.5           |               |               |                |               |
|         |               |               |               | 227           | 8             |               |               |                |               |

\*Note : Straddle Channel

**<Partial RU>**

| 802.11ax HE20 |            |               |         |            |               |         |            |               |
|---------------|------------|---------------|---------|------------|---------------|---------|------------|---------------|
| Channel       | RU Config. | Power Setting | Channel | RU Config. | Power Setting | Channel | RU Config. | Power Setting |
| 1             | 26/0       | -4            | 1       | 52/37      | -3            | 1       | 106/53     | -0.5          |
| 45            | 26/4       | -2.5          | 45      | 52/38      | -0.5          | 45      | 106/53     | 2.5           |
| 93            | 26/8       | -4.5          | 93      | 52/40      | -1.5          | 93      | 106/54     | 1.5           |
| 97            | 26/0       | -6.5          | 97      | 52/37      | -3            | 97      | 106/53     | 0.5           |
| 105           | 26/4       | -3.5          | 105     | 52/38      | -2.5          | 105     | 106/53     | 0             |
| 113           | 26/8       | -1.5          | 113     | 52/40      | -1            | 113     | 106/54     | 2.5           |
| 117           | 26/0       | -2            | 117     | 52/37      | -1            | 117     | 106/53     | 2.5           |
| 149           | 26/4       | -3            | 149     | 52/38      | -1.5          | 149     | 106/54     | 1.5           |
| 181           | 26/8       | -4            | 181     | 52/40      | -1            | 181     | 106/54     | 1.5           |
| 185*          | 26/8       | -3.5          | 185*    | 52/40      | -0.5          | 185*    | 106/54     | 2.5           |
| 185*          | 26/8       | -3.5          | 185*    | 52/40      | -0.5          | 185*    | 106/54     | 2.5           |
| 189           | 26/0       | -4            | 189     | 52/37      | -1.5          | 189     | 106/53     | 1.5           |
| 209           | 26/0       | -2.5          | 209     | 52/37      | 0.5           | 209     | 106/53     | 3             |
| 233           | 26/8       | -10           | 233     | 52/40      | -7.5          | 233     | 106/54     | -6.5          |

\*Note : Straddle Channel

| 802.11ax HE20 |            |               | 802.11ax HE40 |            |               |         |            |               |
|---------------|------------|---------------|---------------|------------|---------------|---------|------------|---------------|
| Channel       | RU Config. | Power Setting | Channel       | RU Config. | Power Setting | Channel | RU Config. | Power Setting |
| 1             | 242/61     | 3.5           | 3             | 26/9       | -5            | 3       | 52/41      | -2            |
| 45            | 242/61     | 5             | 43            | 26/17      | -5.5          | 43      | 52/44      | -3            |
| 93            | 242/61     | 4.5           | 91            | 26/17      | -3.5          | 91      | 52/44      | -0.5          |
| 97            | 242/61     | 4.5           | 99            | 26/9       | -4.5          | 99      | 52/41      | -2            |
| 105           | 242/61     | 4             | 107           | 26/17      | -5.5          | 107     | 52/44      | -3            |
| 113           | 242/61     | 6             | *115          | 26/17      | -3.5          | *115    | 52/44      | -1            |
| 117           | 242/61     | 6             | *115          | 26/17      | -3.5          | *115    | 52/44      | -1            |
| 149           | 242/61     | 4.5           | 123           | 26/9       | -3            | 123     | 52/41      | -1            |
| 181           | 242/61     | 5.5           | 155           | 26/9       | -3            | 155     | 52/44      | -0.5          |
| 185*          | 242/61     | 6             | 179           | 26/17      | -3            | 179     | 52/44      | -2.5          |
| 185*          | 242/61     | 6             | *187          | 26/9       | -3            | *187    | 52/41      | -0.5          |
| 189           | 242/61     | 6             | *187          | 26/9       | -3            | *187    | 52/41      | -0.5          |
| 209           | 242/61     | 6             | 195           | 26/9       | -3            | 195     | 52/41      | -0.5          |
| 233           | 242/61     | -4            | 211           | 26/9       | -2            | 211     | 52/41      | 1             |
|               |            |               | 227           | 26/17      | -1            | 227     | 52/44      | 1             |

\*Note : Straddle Channel

| 802.11ax HE40 |            |               |         |            |               |         |            |               |
|---------------|------------|---------------|---------|------------|---------------|---------|------------|---------------|
| Channel       | RU Config. | Power Setting | Channel | RU Config. | Power Setting | Channel | RU Config. | Power Setting |
| 3             | 106/55     | 1             | 3       | 242/61     | 3.5           | 3       | 484/65     | 6             |
| 43            | 106/56     | 0.5           | 43      | 242/62     | 4             | 43      | 484/65     | 6.5           |
| 91            | 106/56     | 2.5           | 91      | 242/62     | 5.5           | 91      | 484/65     | 7.5           |
| 99            | 106/55     | 1.5           | 99      | 242/61     | 4             | 99      | 484/65     | 6.5           |
| 107           | 106/56     | 0             | 107     | 242/62     | 4             | 107     | 484/65     | 6.5           |
| *115          | 106/56     | 2             | *115    | 242/62     | 6             | *115    | 484/65     | 8             |
| *115          | 106/56     | 2             | *115    | 242/62     | 6             | *115    | 484/65     | 8             |
| 123           | 106/55     | 1             | 123     | 242/61     | 5             | 123     | 484/65     | 8             |
| 155           | 106/56     | 3.5           | 155     | 242/62     | 5             | 155     | 484/65     | 8             |
| 179           | 106/56     | 2             | 179     | 242/62     | 4.5           | 179     | 484/65     | 8             |
| *187          | 106/55     | 2.5           | *187    | 242/62     | 6.5           | *187    | 484/65     | 8             |
| *187          | 106/55     | 2.5           | *187    | 242/62     | 6.5           | *187    | 484/65     | 8             |
| 195           | 106/55     | 2             | 195     | 242/62     | 6.5           | 195     | 484/65     | 8             |
| 211           | 106/55     | 3             | 211     | 242/62     | 3.5           | 211     | 484/65     | 7.5           |
| 227           | 106/56     | 5             | 227     | 242/62     | 8.5           | 227     | 484/65     | 11            |

\*Note : Straddle Channel

| 802.11ax HE80 |            |               | 802.11ax HE160 |            |               |
|---------------|------------|---------------|----------------|------------|---------------|
| Channel       | RU Config. | Power Setting | Channel        | RU Config. | Power Setting |
| 7             | 996/67     | 7             | 15             | 1992/68    | 12            |
| 39            | 996/67     | 7             | 47             | 1992/68    | 14            |
| 87            | 996/67     | 8.5           | 79             | 1992/68    | 14            |
| 103           | 996/67     | 7.5           | *111           | 1992/68    | 14            |
| *119          | 996/67     | 9             | *111           | 1992/68    | 14            |
| *119          | 996/67     | 9             | 143            | 1992/68    | 14.5          |
| 135           | 996/67     | 9             | *175           | 1992/68    | 15.5          |
| 151           | 996/67     | 8             | *175           | 1992/68    | 15.5          |
| 167           | 996/67     | 8.5           | 207            | 1992/68    | 15.5          |
| 183*          | 996/67     | 9             |                |            |               |
| 183*          | 996/67     | 9             |                |            |               |
| 199           | 996/67     | 9             |                |            |               |
| 215           | 996/67     | 9.5           |                |            |               |

\*Note : Straddle Channel

## 4.2 Carrier Frequency and Channel

| Band                | Channel | Frequency (MHz) | 802.11a<br>802.11ax<br>HE20 | 802.11ax<br>HE40 | 802.11ax<br>HE80 | 802.11ax<br>HE160 |
|---------------------|---------|-----------------|-----------------------------|------------------|------------------|-------------------|
| U-NII-5<br>(Band 5) | 1       | 5955            | V                           |                  |                  |                   |
|                     | 3       | 5965            |                             | V                |                  |                   |
|                     | 5       | 5975            | V                           |                  |                  |                   |
|                     | 7       | 5985            |                             |                  | V                |                   |
|                     | 9       | 5995            | V                           |                  |                  |                   |
|                     | 11      | 6005            |                             | V                |                  |                   |
|                     | 13      | 6015            | V                           |                  |                  |                   |
|                     | 15      | 6025            |                             |                  |                  | V                 |
|                     | 17      | 6035            | V                           |                  |                  |                   |
|                     | 19      | 6045            |                             | V                |                  |                   |
|                     | 21      | 6055            | V                           |                  |                  |                   |
|                     | 23      | 6065            |                             |                  | V                |                   |
|                     | 25      | 6075            | V                           |                  |                  |                   |
|                     | 27      | 6085            |                             | V                |                  |                   |
|                     | 29      | 6095            | V                           |                  |                  |                   |
|                     | 33      | 6115            | V                           |                  |                  |                   |
|                     | 35      | 6125            |                             | V                |                  |                   |
|                     | 37      | 6135            | V                           |                  |                  |                   |
|                     | 39      | 6145            |                             |                  | V                |                   |
|                     | 41      | 6155            | V                           |                  |                  |                   |
|                     | 43      | 6165            |                             | V                |                  |                   |
|                     | 45      | 6175            | V                           |                  |                  |                   |
|                     | 47      | 6185            |                             |                  |                  | V                 |
|                     | 49      | 6195            | V                           |                  |                  |                   |
|                     | 51      | 6205            |                             | V                |                  |                   |
|                     | 53      | 6215            | V                           |                  |                  |                   |
|                     | 55      | 6225            |                             |                  | V                |                   |
|                     | 57      | 6235            | V                           |                  |                  |                   |
|                     | 59      | 6245            |                             | V                |                  |                   |
|                     | 61      | 6255            | V                           |                  |                  |                   |
|                     | 65      | 6275            | V                           |                  |                  |                   |
|                     | 67      | 6285            |                             | V                |                  |                   |
|                     | 69      | 6295            | V                           |                  |                  |                   |
|                     | 71      | 6305            |                             |                  | V                |                   |
|                     | 73      | 6315            | V                           |                  |                  |                   |
|                     | 75      | 6325            |                             | V                |                  |                   |
|                     | 77      | 6335            | V                           |                  |                  |                   |
|                     | 79      | 6345            |                             |                  |                  | V                 |
|                     | 81      | 6355            | V                           |                  |                  |                   |
|                     | 83      | 6365            |                             | V                |                  |                   |
|                     | 85      | 6375            | V                           |                  |                  |                   |
|                     | 87      | 6385            |                             |                  | V                |                   |

| Band                | Channel | Frequency (MHz) | 802.11a<br>802.11ax<br>HE20 | 802.11ax<br>HE40 | 802.11ax<br>HE80 | 802.11ax<br>HE160 |
|---------------------|---------|-----------------|-----------------------------|------------------|------------------|-------------------|
| U-NII-5<br>(Band 5) | 89      | 6395            | V                           |                  |                  |                   |
|                     | 91      | 6405            |                             | V                |                  |                   |
|                     | 93      | 6415            | V                           |                  |                  |                   |
| U-NII-6<br>(Band 6) | 97      | 6435            | V                           |                  |                  |                   |
|                     | 99      | 6445            |                             | V                |                  |                   |
|                     | 101     | 6455            | V                           |                  |                  |                   |
|                     | 103     | 6465            |                             |                  | V                |                   |
|                     | 105     | 6475            | V                           |                  |                  |                   |
|                     | 107     | 6485            |                             | V                |                  |                   |
|                     | 109     | 6495            | V                           |                  |                  |                   |
| Straddle<br>Channel | 111     | 6505            |                             |                  |                  | V                 |
|                     | 115     | 6525            |                             | V                |                  |                   |
|                     | 119     | 6545            |                             |                  | V                |                   |
| U-NII-7<br>(Band 7) | 117     | 6535            | V                           |                  |                  |                   |
|                     | 121     | 6555            | V                           |                  |                  |                   |
|                     | 123     | 6565            |                             | V                |                  |                   |
|                     | 125     | 6575            | V                           |                  |                  |                   |
|                     | 129     | 6595            | V                           |                  |                  |                   |
|                     | 131     | 6605            |                             | V                |                  |                   |
|                     | 133     | 6615            | V                           |                  |                  |                   |
|                     | 135     | 6625            |                             |                  | V                |                   |
|                     | 137     | 6635            | V                           |                  |                  |                   |
|                     | 139     | 6645            |                             | V                |                  |                   |
|                     | 141     | 6655            | V                           |                  |                  |                   |
|                     | 143     | 6665            |                             |                  |                  | V                 |
|                     | 145     | 6675            | V                           |                  |                  |                   |
|                     | 147     | 6685            |                             | V                |                  |                   |
|                     | 149     | 6695            | V                           |                  |                  |                   |
|                     | 151     | 6705            |                             |                  | V                |                   |
|                     | 153     | 6715            | V                           |                  |                  |                   |
|                     | 155     | 6725            |                             | V                |                  |                   |
|                     | 157     | 6735            | V                           |                  |                  |                   |
|                     | 161     | 6755            | V                           |                  |                  |                   |
|                     | 163     | 6765            |                             | V                |                  |                   |
|                     | 165     | 6775            | V                           |                  |                  |                   |
|                     | 167     | 6785            |                             |                  | V                |                   |
|                     | 169     | 6795            | V                           |                  |                  |                   |
|                     | 171     | 6805            |                             | V                |                  |                   |
|                     | 173     | 6815            | V                           |                  |                  |                   |
|                     | 177     | 6835            | V                           |                  |                  |                   |
|                     | 179     | 6845            |                             | V                |                  |                   |
|                     | 181     | 6855            | V                           |                  |                  |                   |
| Straddle<br>Channel | 175     | 6825            |                             |                  |                  | V                 |
|                     | 183     | 6865            |                             |                  | V                |                   |
|                     | 185     | 6875            | V                           |                  |                  |                   |
|                     | 187     | 6885            |                             | V                |                  |                   |

| Band                | Channel | Frequency (MHz) | 802.11a<br>802.11ax<br>HE20 | 802.11ax<br>HE40 | 802.11ax<br>HE80 | 802.11ax<br>HE160 |
|---------------------|---------|-----------------|-----------------------------|------------------|------------------|-------------------|
| U-NII-8<br>(Band 8) | 189     | 6895            | V                           |                  |                  |                   |
|                     | 193     | 6915            | V                           |                  |                  |                   |
|                     | 195     | 6925            |                             | V                |                  |                   |
|                     | 197     | 6935            | V                           |                  |                  |                   |
|                     | 199     | 6945            |                             |                  | V                |                   |
|                     | 201     | 6955            | V                           |                  |                  |                   |
|                     | 203     | 6965            |                             | V                |                  |                   |
|                     | 205     | 6975            | V                           |                  |                  |                   |
|                     | 207     | 6985            |                             |                  |                  | V                 |
|                     | 209     | 6995            | V                           |                  |                  |                   |
|                     | 211     | 7005            |                             | V                |                  |                   |
|                     | 213     | 7015            | V                           |                  |                  |                   |
|                     | 215     | 7025            |                             |                  | V                |                   |
|                     | 217     | 7035            | V                           |                  |                  |                   |
|                     | 219     | 7045            |                             | V                |                  |                   |
|                     | 221     | 7055            | V                           |                  |                  |                   |
|                     | 225     | 7075            | V                           |                  |                  |                   |
|                     | 227     | 7085            |                             | V                |                  |                   |
|                     | 229     | 7095            | V                           |                  |                  |                   |
|                     | 233     | 7115            | V                           |                  |                  |                   |

## 4.3 Test Operation and Test Software

Setup for testing: Test samples are provided with an USB interface which makes it possible to control them through a test software installed on a notebook computer.

This software was running on the laptop computer connected to the EUT. It was used to enable the operation modes listed as below.

|               |      |
|---------------|------|
| Test Software | QRCT |
|---------------|------|

The samples were used as follows:  
A003574313-017

Full test was applied on all test modes, but only worst case was shown.

The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers.

| Modulation Mode | Tx Function |
|-----------------|-------------|
| 802.11a         | 2TX (MIMO)  |
| 802.11ax HE20   | 2TX (MIMO)  |
| 802.11ax HE40   | 2TX (MIMO)  |
| 802.11ax HE80   | 2TX (MIMO)  |
| 802.11ax HE160  | 2TX (MIMO)  |

| EUT Configure Mode | Applicable To |                                         |                                         |                          | Description |
|--------------------|---------------|-----------------------------------------|-----------------------------------------|--------------------------|-------------|
|                    | Output Power  | Radiated Spurious Emissions above 1 GHz | Radiated Spurious Emissions below 1 GHz | Mains Conducted Emission |             |
| -                  | √             | √                                       | √                                       | √                        | -           |

Note:

1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when position on **Y-plane**.
2. "-" means no effect.

### Output Power

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Mode                                                   | Frequency (MHz) | Available Channel | Tested Channel     | Date Rate (Mbps) |
|--------------------|--------------------------------------------------------|-----------------|-------------------|--------------------|------------------|
| -                  | 802.11a                                                | 5925-6425       | 1 to 93           | 1, 45, 93          | 6.0              |
| -                  |                                                        | 6425-6525       | 97 to 113         | 97, 105, 113       |                  |
| -                  |                                                        | 6525-6875       | 117 to 185        | 117, 149, 181, 185 |                  |
| -                  |                                                        | 6875-7125       | 185 to 233        | 185, 189, 209, 233 |                  |
| -                  | 802.11ax HE20                                          | 5925-6425       | 1 to 93           | 1, 45, 93          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 97 to 113         | 97, 105, 113       |                  |
| -                  |                                                        | 6525-6875       | 117 to 185        | 117, 149, 181, 185 |                  |
| -                  |                                                        | 6875-7125       | 185 to 233        | 185, 189, 209, 233 |                  |
| -                  | 802.11ax HE40                                          | 5925-6425       | 3 to 91           | 3, 43, 91          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 99 to 115         | 99, 107, 115       |                  |
| -                  |                                                        | 6525-6875       | 123 to 187        | 123, 155, 179, 187 |                  |
| -                  |                                                        | 6875-7125       | 187 to 227        | 187, 195, 211, 227 |                  |
| -                  | 802.11ax HE80                                          | 5925-6425       | 7 to 87           | 7, 39, 87          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 103 to 119        | 103, 119           |                  |
| -                  |                                                        | 6525-6875       | 135 to 183        | 135, 151, 167, 183 |                  |
| -                  |                                                        | 6875-7125       | 183 to 215        | 183, 199, 215      |                  |
| -                  | 802.11ax HE160                                         | 5925-6425       | 15 to 79          | 15, 47, 79         | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 111               | 111                |                  |
| -                  |                                                        | 6525-6875       | 143 to 175        | 143, 175           |                  |
| -                  |                                                        | 6875-7125       | 207               | 207                |                  |
| -                  | 802.11ax HE20<br>(RU26 / RU52 / RU106 / RU242)         | 5925-6425       | 1 to 93           | 1, 45, 93          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 97 to 113         | 97, 105, 113       |                  |
| -                  |                                                        | 6525-6875       | 117 to 185        | 117, 149, 181, 185 |                  |
| -                  |                                                        | 6875-7125       | 185 to 233        | 185, 189, 209, 233 |                  |
| -                  | 802.11ax HE40<br>(RU26 / RU52 / RU106 / RU242 / RU484) | 5925-6425       | 3 to 91           | 3, 43, 91          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 99 to 115         | 99, 107, 115       |                  |
| -                  |                                                        | 6525-6875       | 123 to 187        | 123, 155, 179, 187 |                  |
| -                  |                                                        | 6875-7125       | 187 to 227        | 187, 195, 211, 227 |                  |
| -                  | 802.11ax HE80<br>(RU996)                               | 5925-6425       | 7 to 87           | 7, 39, 87          | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 103 to 119        | 103, 119           |                  |
| -                  |                                                        | 6525-6875       | 135 to 183        | 135, 151, 167, 183 |                  |
| -                  |                                                        | 6875-7125       | 183 to 215        | 183, 199, 215      |                  |
| -                  | 802.11ax HE160<br>(RU1992)                             | 5925-6425       | 15 to 79          | 15, 47, 79         | NSS1 MCS0        |
| -                  |                                                        | 6425-6525       | 111               | 111                |                  |
| -                  |                                                        | 6525-6875       | 143 to 175        | 143, 175           |                  |
| -                  |                                                        | 6875-7125       | 207               | 207                |                  |

**Radiated Spurious Emissions (Above 1 GHz)**

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.  
☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Mode               | Frequency (MHz) | Available Channel | Tested Channel | Date Rate (Mbps) |
|--------------------|--------------------|-----------------|-------------------|----------------|------------------|
| -                  | 802.11a            | 5925-6425       | 1 to 93           | 93             | 6.0              |
| -                  |                    | 6425-6525       | 97 to 113         | 113            |                  |
| -                  |                    | 6525-6875       | 117 to 185        | 181            |                  |
| -                  |                    | 6875-7125       | 185 to 233        | 209            |                  |
| -                  | 802.11ax HE20      | 5925-6425       | 1 to 93           | 1              | NSS1 MCS0        |
| -                  |                    | 6425-6525       | 97 to 113         | 113            |                  |
| -                  |                    | 6525-6875       | 117 to 185        | 181            |                  |
| -                  |                    | 6875-7125       | 185 to 233        | 185            |                  |
| -                  | 802.11ax HE40      | 5925-6425       | 3 to 91           | 3              | NSS1 MCS0        |
| -                  |                    | 6425-6525       | 99 to 115         | 99             |                  |
| -                  |                    | 6525-6875       | 123 to 187        | 179            |                  |
| -                  |                    | 6875-7125       | 187 to 227        | 187            |                  |
| -                  | 802.11ax HE80      | 5925-6425       | 7 to 87           | 7              | NSS1 MCS0        |
| -                  |                    | 6425-6525       | 103 to 119        | 103            |                  |
| -                  |                    | 6525-6875       | 135 to 183        | 151            |                  |
| -                  |                    | 6875-7125       | 183 to 215        | 199            |                  |
| -                  | 802.11ax HE160     | 5925-6425       | 15 to 79          | 79             | NSS1 MCS0        |
| -                  |                    | 6425-6525       | 111               | 111            |                  |
| -                  |                    | 6525-6875       | 143 to 175        | 143            |                  |
| -                  |                    | 6875-7125       | 207               | 207            |                  |
| -                  | 802.11ax HE20_RU26 | 5925-6425       | 1 to 93           | 1              | NSS1 MCS0        |
| -                  |                    | 6875-7125       | 185 to 233        | 233            |                  |

**Radiated Spurious Emissions (Below 1 GHz)**

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.  
☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Mode          | Frequency (MHz) | Available Channel | Tested Channel | Date Rate (Mbps) |
|--------------------|---------------|-----------------|-------------------|----------------|------------------|
| -                  | 802.11ax HE20 | 6875-7125       | 185 to 233        | 233            | NSS1 MCS0        |

**Mains Conducted Emission Test**

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.  
☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Mode          | Frequency (MHz) | Available Channel | Tested Channel | Date Rate (Mbps) |
|--------------------|---------------|-----------------|-------------------|----------------|------------------|
| -                  | 802.11ax HE20 | 6875-7125       | 185 to 233        | 233            | NSS1 MCS0        |

**Test Condition**

| Test Item                               | Ambient Temperature | Relative Humidity | Tested by  |
|-----------------------------------------|---------------------|-------------------|------------|
| Conducted Measurement                   | 24.3-25.2 °C        | 53-60 %           | Andy Chen  |
| Radiated Spurious Emissions above 1 GHz | 22.6-24.5 °C        | 52-54 %           | Ray Huang  |
| Radiated Spurious Emissions below 1 GHz | 22.6-24.5 °C        | 52-54 %           | Ray Huang  |
| Mains Conducted Emission                | 19.1-25.9 °C        | 50.2-58.9 %       | Roger Liao |

## 4.4 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

### Accessory of EUT

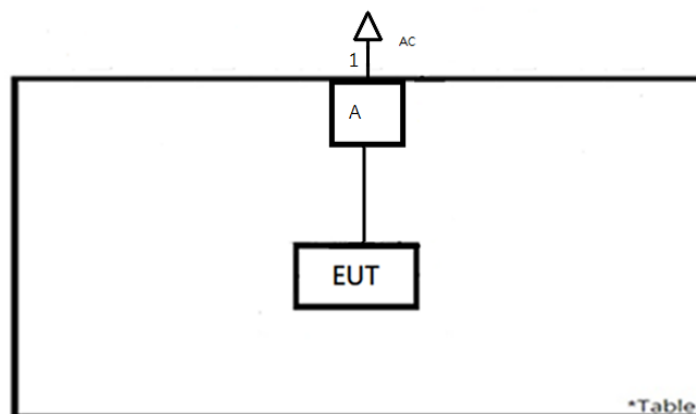
| No. | Product | Brand | Model        | Description                                 |
|-----|---------|-------|--------------|---------------------------------------------|
| B   | Adapter | FSP   | FSP096-AHAN3 | I/P: 100-240 Vac, 1.8 A<br>O/P: 12 Vdc, 8 A |
| -   | Battery | medDV | OPM-P05T-C1  | 7.2 Vdc, 4545 mAh                           |

### Support Unit

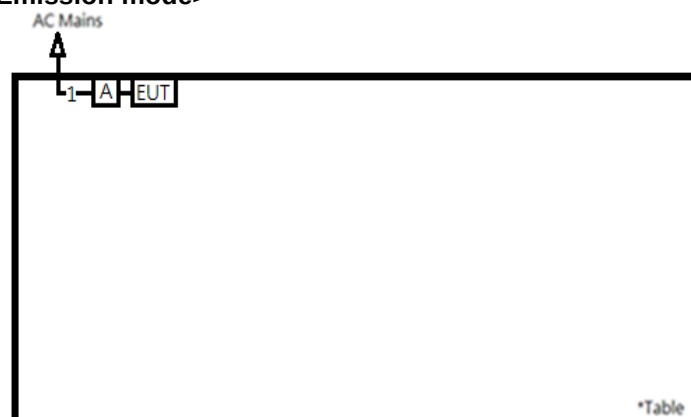
| Support Unit |             |                 |       |     |          |                    |             |        |
|--------------|-------------|-----------------|-------|-----|----------|--------------------|-------------|--------|
| No           | Description | Brand           | Model | S/N | Shielded | Ferrite Core (Qty) | Length (cm) | Remark |
| 1            | Power cord  | Onyx Healthcare | N/A   | N/A | NO       | NO                 | 180         | --     |

## 4.5 Test Setup Diagram

<Radiated Spurious Emissions mode>



<Mains Conducted Emission mode>



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**Requirement** Use of approved antennas only

The gain value is derived from Antenna datasheet, the EUT's antenna specifications are described as According to the manufacturer declaration, the antenna information is as listed below. The antenna is with no possibility of replacement with a non-approved antenna by the end-user. Therefore, the EUT is considered to comply with this provision.

| Antenna | Antenna Type | Antenna Gain (dBi) |
|---------|--------------|--------------------|
| 1       | PIFA         | 2.46               |
| 2       | PIFA         | 2.70               |

Refer to EUT photo for details.

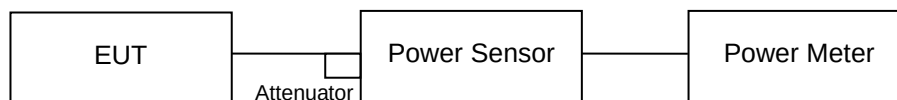
## 5.1.2 Maximum e.i.r.p.

### Limit

| Frequency Band                         | EUT Category                                  | Limit                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.925 ~ 7.125 GHz                      | Indoor Access Point                           | The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                                                                                                         |
| 5.925 ~ 6.425 GHz<br>6.525 ~ 6.875 GHz | Standard Power AP<br>&<br>Fixed Client Device | The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.<br>For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).                                                                                      |
| 5.925 ~ 7.125 GHz                      | Subordinate Device                            | Operating under the control of an indoor access point:<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                                               |
| 5.925 ~ 6.425 GHz<br>6.525 ~ 6.875 GHz | Standard Power Client Devices                 | Except for fixed client devices, operating under the control of a standard power access point:<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power. |
| 5.925 ~ 7.125 GHz                      | Indoor Client Devices                         | Operating under the control of an indoor access point:<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.                                                                                                                                                                               |

**Kind of Test Site**                      Shielded room

### Test Setup



### Test Instruments

| Kind of Equipment | Manufacturer | Type    | S/N     | Calibration Date | Calibration Due Date | Test Date  |            |
|-------------------|--------------|---------|---------|------------------|----------------------|------------|------------|
|                   |              |         |         |                  |                      | From       | Until      |
| Power Meter       | Anritsu      | ML2495A | 1901008 | 2023/03/17       | 2024/03/16           | 2023/10/26 | 2023/10/26 |
| Power Sensor      | Anritsu      | MA2411B | 1725269 | 2023/03/17       | 2024/03/16           | 2023/10/26 | 2023/10/26 |

### Test Procedures

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to AVERAGE. Duty factor is not added to measured value.

**Test Result**
**For U-NII-5 to U-NII-8**
**<802.11a>**

| Channel | Channel Frequency (MHz) | Average Output Power (dBm) |       | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|----------------------------|-------|-------------|------|------------------|------------------|
|         |                         | Ant 1                      | Ant 2 | (dBm)       | (mW) |                  |                  |
| 1       | 5955                    | 1.14                       | 2.40  | 4.83        | 3.04 | 10.19            | 24.00            |
| 45      | 6175                    | 1.01                       | 2.24  | 4.68        | 2.94 | 10.04            | 24.00            |
| 93      | 6415                    | 1.56                       | 2.86  | 5.27        | 3.36 | 10.63            | 24.00            |
| 97      | 6435                    | 1.61                       | 3.20  | 5.49        | 3.54 | 10.85            | 24.00            |
| 105     | 6475                    | 1.40                       | 1.56  | 4.49        | 2.81 | 9.85             | 24.00            |
| 113     | 6515                    | 0.63                       | 2.39  | 4.61        | 2.89 | 9.97             | 24.00            |
| 117     | 6535                    | 0.55                       | 2.24  | 4.49        | 2.81 | 9.85             | 24.00            |
| 149     | 6695                    | 0.94                       | 2.01  | 4.52        | 2.83 | 9.88             | 24.00            |
| 181     | 6855                    | 0.94                       | 2.12  | 4.58        | 2.87 | 9.94             | 24.00            |
| *185    | 6875                    | 1.96                       | 2.61  | 5.31        | 3.39 | 10.67            | 24.00            |
| *185    | 6875                    | 1.96                       | 2.61  | 5.31        | 3.39 | 10.67            | 24.00            |
| 189     | 6895                    | 1.73                       | 2.66  | 5.23        | 3.33 | 10.59            | 24.00            |
| 209     | 6995                    | 0.58                       | 2.57  | 4.70        | 2.95 | 10.06            | 24.00            |
| 233     | 7115                    | 1.43                       | 2.61  | 5.07        | 3.21 | 10.43            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE20>**

| Channel | Channel Frequency (MHz) | Average Output Power (dBm) |       | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|----------------------------|-------|-------------|------|------------------|------------------|
|         |                         | Ant 1                      | Ant 2 | (dBm)       | (mW) |                  |                  |
| 1       | 5955                    | 2.45                       | 3.51  | 6.02        | 4.00 | 11.38            | 24.00            |
| 45      | 6175                    | 1.33                       | 2.68  | 5.07        | 3.21 | 10.43            | 24.00            |
| 93      | 6415                    | 2.50                       | 3.57  | 6.08        | 4.05 | 11.44            | 24.00            |
| 97      | 6435                    | 2.12                       | 3.68  | 5.98        | 3.96 | 11.34            | 24.00            |
| 105     | 6475                    | 2.88                       | 3.96  | 6.46        | 4.43 | 11.82            | 24.00            |
| 113     | 6515                    | 3.57                       | 3.70  | 6.65        | 4.62 | 12.01            | 24.00            |
| 117     | 6535                    | 3.75                       | 3.92  | 6.85        | 4.84 | 12.21            | 24.00            |
| 149     | 6695                    | 1.92                       | 2.71  | 5.34        | 3.42 | 10.70            | 24.00            |
| 181     | 6855                    | 2.03                       | 3.06  | 5.59        | 3.62 | 10.95            | 24.00            |
| *185    | 6875                    | 1.97                       | 3.24  | 5.66        | 3.68 | 11.02            | 24.00            |
| *185    | 6875                    | 1.97                       | 3.24  | 5.66        | 3.68 | 11.02            | 24.00            |
| 189     | 6895                    | 2.45                       | 3.18  | 5.84        | 3.84 | 11.20            | 24.00            |
| 209     | 6995                    | 1.55                       | 3.23  | 5.48        | 3.53 | 10.84            | 24.00            |
| 233     | 7115                    | -1.77                      | 0.89  | 2.77        | 1.89 | 8.13             | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE40>**

| Channel | Channel Frequency (MHz) | Average Output Power (dBm) |       | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|----------------------------|-------|-------------|------|------------------|------------------|
|         |                         | Ant 1                      | Ant 2 | (dBm)       | (mW) |                  |                  |
| 3       | 5965                    | 4.44                       | 6.08  | 8.35        | 6.83 | 13.71            | 24.00            |
| 43      | 6165                    | 5.48                       | 6.95  | 9.29        | 8.49 | 14.65            | 24.00            |
| 91      | 6405                    | 5.12                       | 6.93  | 9.13        | 8.18 | 14.49            | 24.00            |
| 99      | 6445                    | 5.54                       | 7.73  | 9.78        | 9.51 | 15.14            | 24.00            |
| 107     | 6485                    | 5.44                       | 7.43  | 9.56        | 9.03 | 14.92            | 24.00            |
| *115    | 6525                    | 6.11                       | 7.13  | 9.66        | 9.25 | 15.02            | 24.00            |
| *115    | 6525                    | 6.11                       | 7.13  | 9.66        | 9.25 | 15.02            | 24.00            |
| 123     | 6565                    | 5.91                       | 7.48  | 9.78        | 9.50 | 15.14            | 24.00            |
| 155     | 6725                    | 6.22                       | 5.80  | 9.03        | 7.99 | 14.39            | 24.00            |
| 179     | 6845                    | 5.51                       | 6.09  | 8.82        | 7.62 | 14.18            | 24.00            |
| *187    | 6885                    | 6.15                       | 6.32  | 9.25        | 8.41 | 14.61            | 24.00            |
| *187    | 6885                    | 6.15                       | 6.32  | 9.25        | 8.41 | 14.61            | 24.00            |
| 195     | 6925                    | 5.75                       | 6.89  | 9.37        | 8.64 | 14.73            | 24.00            |
| 211     | 7005                    | 6.42                       | 5.44  | 8.97        | 7.88 | 14.33            | 24.00            |
| 227     | 7085                    | 6.68                       | 6.51  | 9.61        | 9.13 | 14.97            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE80>**

| Channel | Channel Frequency (MHz) | Average Output Power (dBm) |       | Total Power |       | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|----------------------------|-------|-------------|-------|------------------|------------------|
|         |                         | Ant 1                      | Ant 2 | (dBm)       | (mW)  |                  |                  |
| 7       | 5985                    | 8.08                       | 8.77  | 11.45       | 13.96 | 16.81            | 24.00            |
| 39      | 6145                    | 8.57                       | 8.73  | 11.66       | 14.66 | 17.02            | 24.00            |
| 87      | 6385                    | 8.13                       | 9.39  | 11.82       | 15.19 | 17.18            | 24.00            |
| 103     | 6465                    | 9.03                       | 10.15 | 12.64       | 18.35 | 18.00            | 24.00            |
| *119    | 6545                    | 8.56                       | 8.79  | 11.69       | 14.75 | 17.05            | 24.00            |
| *119    | 6545                    | 8.56                       | 8.79  | 11.69       | 14.75 | 17.05            | 24.00            |
| 135     | 6625                    | 8.74                       | 9.03  | 11.90       | 15.48 | 17.26            | 24.00            |
| 151     | 6705                    | 7.65                       | 8.29  | 10.99       | 12.57 | 16.35            | 24.00            |
| 167     | 6785                    | 8.49                       | 7.99  | 11.26       | 13.36 | 16.62            | 24.00            |
| *183    | 6865                    | 8.62                       | 7.48  | 11.10       | 12.88 | 16.46            | 24.00            |
| *183    | 6865                    | 8.62                       | 7.48  | 11.10       | 12.88 | 16.46            | 24.00            |
| 199     | 6945                    | 7.81                       | 8.84  | 11.37       | 13.70 | 16.73            | 24.00            |
| 215     | 7025                    | 8.14                       | 8.71  | 11.44       | 13.95 | 16.80            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE160>**

| Channel | Channel Frequency (MHz) | Average Output Power (dBm) |       | Total Power |       | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|----------------------------|-------|-------------|-------|------------------|------------------|
|         |                         | Ant 1                      | Ant 2 | (dBm)       | (mW)  |                  |                  |
| 15      | 6025                    | 10.19                      | 10.33 | 13.27       | 21.24 | 18.63            | 24.00            |
| 47      | 6185                    | 9.44                       | 10.39 | 12.95       | 19.73 | 18.31            | 24.00            |
| 79      | 6345                    | 9.04                       | 10.76 | 12.99       | 19.93 | 18.35            | 24.00            |
| *111    | 6505                    | 9.98                       | 10.51 | 13.26       | 21.20 | 18.62            | 24.00            |
| *111    | 6505                    | 9.98                       | 10.51 | 13.26       | 21.20 | 18.62            | 24.00            |
| 143     | 6665                    | 10.07                      | 10.41 | 13.25       | 21.15 | 18.61            | 24.00            |
| *175    | 6825                    | 10.20                      | 9.55  | 12.90       | 19.49 | 18.26            | 24.00            |
| *175    | 6825                    | 10.20                      | 9.55  | 12.90       | 19.49 | 18.26            | 24.00            |
| 207     | 6985                    | 9.58                       | 10.06 | 12.84       | 19.22 | 18.20            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE20\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |        | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|--------|-------------|------|------------------|------------------|
|         |                         |            | Ant 1                      | Ant 2  | (dBm)       | (mW) |                  |                  |
| 1       | 5955                    | 26/0       | -4.27                      | -3.99  | -1.12       | 0.77 | 4.24             | 24.00            |
| 45      | 6175                    | 26/4       | -5.09                      | -3.16  | -1.01       | 0.79 | 4.35             | 24.00            |
| 93      | 6415                    | 26/8       | -5.04                      | -4.06  | -1.51       | 0.71 | 3.85             | 24.00            |
| 97      | 6435                    | 26/0       | -5.03                      | -4.59  | -1.79       | 0.66 | 3.57             | 24.00            |
| 105     | 6475                    | 26/4       | -4.31                      | -3.40  | -0.82       | 0.83 | 4.54             | 24.00            |
| 113     | 6515                    | 26/8       | -5.88                      | -3.22  | -1.34       | 0.73 | 4.02             | 24.00            |
| 117     | 6535                    | 26/0       | -5.00                      | -3.68  | -1.28       | 0.74 | 4.08             | 24.00            |
| 149     | 6695                    | 26/4       | -4.55                      | -3.12  | -0.77       | 0.84 | 4.59             | 24.00            |
| 181     | 6855                    | 26/8       | -4.82                      | -4.11  | -1.44       | 0.72 | 3.92             | 24.00            |
| *185    | 6875                    | 26/8       | -5.15                      | -4.44  | -1.77       | 0.67 | 3.59             | 24.00            |
| *185    | 6875                    | 26/8       | -5.15                      | -4.44  | -1.77       | 0.67 | 3.59             | 24.00            |
| 189     | 6895                    | 26/0       | -5.50                      | -4.19  | -1.79       | 0.66 | 3.57             | 24.00            |
| 209     | 6995                    | 26/0       | -4.86                      | -4.01  | -1.40       | 0.72 | 3.96             | 24.00            |
| 233     | 7115                    | 26/8       | -14.89                     | -12.05 | -10.23      | 0.09 | -4.87            | 24.00            |
| 1       | 5955                    | 52/37      | -2.45                      | -1.04  | 1.32        | 1.36 | 6.68             | 24.00            |
| 45      | 6175                    | 52/38      | -2.76                      | -1.27  | 1.06        | 1.28 | 6.42             | 24.00            |
| 93      | 6415                    | 52/40      | -2.92                      | -1.28  | 0.99        | 1.26 | 6.35             | 24.00            |
| 97      | 6435                    | 52/37      | -2.69                      | -1.85  | 0.76        | 1.19 | 6.12             | 24.00            |
| 105     | 6475                    | 52/38      | -3.11                      | -1.18  | 0.97        | 1.25 | 6.33             | 24.00            |
| 113     | 6515                    | 52/40      | -2.17                      | -1.88  | 0.99        | 1.26 | 6.35             | 24.00            |
| 117     | 6535                    | 52/37      | -2.39                      | -2.02  | 0.81        | 1.20 | 6.17             | 24.00            |
| 149     | 6695                    | 52/38      | -3.28                      | -1.44  | 0.75        | 1.19 | 6.11             | 24.00            |
| 181     | 6855                    | 52/40      | -2.51                      | -1.38  | 1.10        | 1.29 | 6.46             | 24.00            |
| *185    | 6875                    | 52/40      | -2.30                      | -1.92  | 0.90        | 1.23 | 6.26             | 24.00            |
| *185    | 6875                    | 52/40      | -2.30                      | -1.92  | 0.90        | 1.23 | 6.26             | 24.00            |
| 189     | 6895                    | 52/37      | -2.20                      | -2.02  | 0.90        | 1.23 | 6.26             | 24.00            |
| 209     | 6995                    | 52/37      | -2.43                      | -1.90  | 0.85        | 1.22 | 6.21             | 24.00            |
| 233     | 7115                    | 52/40      | -12.43                     | -8.67  | -7.14       | 0.19 | -1.78            | 24.00            |
| 1       | 5955                    | 106/53     | 0.48                       | 0.81   | 3.66        | 2.32 | 9.02             | 24.00            |
| 45      | 6175                    | 106/53     | 1.05                       | 1.88   | 4.50        | 2.82 | 9.86             | 24.00            |
| 93      | 6415                    | 106/54     | -0.12                      | 1.72   | 3.91        | 2.46 | 9.27             | 24.00            |
| 97      | 6435                    | 106/53     | 0.02                       | 1.65   | 3.92        | 2.47 | 9.28             | 24.00            |
| 105     | 6475                    | 106/53     | 0.58                       | 1.68   | 4.18        | 2.62 | 9.54             | 24.00            |
| 113     | 6515                    | 106/54     | 0.83                       | 1.54   | 4.21        | 2.64 | 9.57             | 24.00            |
| 117     | 6535                    | 106/53     | 1.08                       | 1.44   | 4.27        | 2.68 | 9.63             | 24.00            |
| 149     | 6695                    | 106/54     | 0.69                       | 1.34   | 4.04        | 2.53 | 9.40             | 24.00            |
| 181     | 6855                    | 106/54     | 0.98                       | 1.14   | 4.07        | 2.55 | 9.43             | 24.00            |
| *185    | 6875                    | 106/54     | 0.69                       | 1.02   | 3.87        | 2.44 | 9.23             | 24.00            |
| *185    | 6875                    | 106/54     | 0.69                       | 1.02   | 3.87        | 2.44 | 9.23             | 24.00            |
| 189     | 6895                    | 106/53     | 0.82                       | 0.94   | 3.89        | 2.45 | 9.25             | 24.00            |
| 209     | 6995                    | 106/53     | 1.05                       | 1.34   | 4.21        | 2.63 | 9.57             | 24.00            |
| 233     | 7115                    | 106/54     | -9.98                      | -8.39  | -6.10       | 0.25 | -0.74            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE20\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |       | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|-------|-------------|------|------------------|------------------|
|         |                         |            | Ant 1                      | Ant 2 | (dBm)       | (mW) |                  |                  |
| 1       | 5955                    | 242/61     | 4.38                       | 4.96  | 7.69        | 5.87 | 13.05            | 24.00            |
| 45      | 6175                    | 242/61     | 3.39                       | 5.20  | 7.40        | 5.49 | 12.76            | 24.00            |
| 93      | 6415                    | 242/61     | 4.06                       | 4.94  | 7.53        | 5.67 | 12.89            | 24.00            |
| 97      | 6435                    | 242/61     | 4.12                       | 5.54  | 7.90        | 6.16 | 13.26            | 24.00            |
| 105     | 6475                    | 242/61     | 4.66                       | 5.70  | 8.22        | 6.64 | 13.58            | 24.00            |
| 113     | 6515                    | 242/61     | 4.37                       | 4.55  | 7.47        | 5.59 | 12.83            | 24.00            |
| 117     | 6535                    | 242/61     | 4.74                       | 4.93  | 7.85        | 6.09 | 13.21            | 24.00            |
| 149     | 6695                    | 242/61     | 4.01                       | 4.92  | 7.50        | 5.62 | 12.86            | 24.00            |
| 181     | 6855                    | 242/61     | 4.31                       | 5.05  | 7.71        | 5.90 | 13.07            | 24.00            |
| *185    | 6875                    | 242/61     | 4.54                       | 5.29  | 7.94        | 6.23 | 13.30            | 24.00            |
| *185    | 6875                    | 242/61     | 4.54                       | 5.29  | 7.94        | 6.23 | 13.30            | 24.00            |
| 189     | 6895                    | 242/61     | 4.67                       | 5.20  | 7.95        | 6.24 | 13.31            | 24.00            |
| 209     | 6995                    | 242/61     | 4.63                       | 4.73  | 7.69        | 5.88 | 13.05            | 24.00            |
| 233     | 7115                    | 242/61     | -7.40                      | -5.29 | -3.21       | 0.48 | 2.15             | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE40\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |         | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|---------|-------------|------|------------------|------------------|
|         |                         |            | Chain 0                    | Chain 1 | (dBm)       | (mW) |                  |                  |
| 3       | 5965                    | 26/9       | -5.06                      | -4.00   | -1.49       | 0.71 | 3.87             | 24.00            |
| 43      | 6165                    | 26/17      | -4.59                      | -4.51   | -1.54       | 0.70 | 3.82             | 24.00            |
| 91      | 6405                    | 26/17      | -4.80                      | -4.10   | -1.43       | 0.72 | 3.93             | 24.00            |
| 99      | 6445                    | 26/9       | -4.91                      | -3.98   | -1.41       | 0.72 | 3.95             | 24.00            |
| 107     | 6485                    | 26/17      | -6.17                      | -3.67   | -1.73       | 0.67 | 3.63             | 24.00            |
| *115    | 6525                    | 26/17      | -6.79                      | -3.34   | -1.72       | 0.67 | 3.64             | 24.00            |
| *115    | 6525                    | 26/17      | -6.79                      | -3.34   | -1.72       | 0.67 | 3.64             | 24.00            |
| 123     | 6565                    | 26/9       | -6.00                      | -4.14   | -1.96       | 0.64 | 3.40             | 24.00            |
| 155     | 6725                    | 26/9       | -4.91                      | -4.62   | -1.75       | 0.67 | 3.61             | 24.00            |
| 179     | 6845                    | 26/17      | -4.81                      | -4.26   | -1.52       | 0.71 | 3.84             | 24.00            |
| *187    | 6885                    | 26/9       | -4.31                      | -4.14   | -1.21       | 0.76 | 4.15             | 24.00            |
| *187    | 6885                    | 26/9       | -4.31                      | -4.14   | -1.21       | 0.76 | 4.15             | 24.00            |
| 195     | 6925                    | 26/9       | -4.27                      | -4.21   | -1.23       | 0.75 | 4.13             | 24.00            |
| 211     | 7005                    | 26/9       | -4.88                      | -3.82   | -1.31       | 0.74 | 4.05             | 24.00            |
| 227     | 7085                    | 26/17      | -4.86                      | -2.86   | -0.74       | 0.84 | 4.62             | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE40\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |         | Total Power |      | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|---------|-------------|------|------------------|------------------|
|         |                         |            | Chain 0                    | Chain 1 | (dBm)       | (mW) |                  |                  |
| 3       | 5965                    | 52/41      | -1.59                      | -1.44   | 1.50        | 1.41 | 6.86             | 24.00            |
| 43      | 6165                    | 52/44      | -2.06                      | -1.87   | 1.05        | 1.27 | 6.41             | 24.00            |
| 91      | 6405                    | 52/44      | -1.60                      | -1.11   | 1.66        | 1.47 | 7.02             | 24.00            |
| 99      | 6445                    | 52/41      | -2.13                      | -1.67   | 1.12        | 1.29 | 6.48             | 24.00            |
| 107     | 6485                    | 52/44      | -1.82                      | -1.44   | 1.38        | 1.38 | 6.74             | 24.00            |
| *115    | 6525                    | 52/44      | -2.22                      | -1.96   | 0.92        | 1.24 | 6.28             | 24.00            |
| *115    | 6525                    | 52/44      | -2.22                      | -1.96   | 0.92        | 1.24 | 6.28             | 24.00            |
| 123     | 6565                    | 52/41      | -2.32                      | -1.76   | 0.98        | 1.25 | 6.34             | 24.00            |
| 155     | 6725                    | 52/44      | -2.46                      | -1.76   | 0.91        | 1.23 | 6.27             | 24.00            |
| 179     | 6845                    | 52/44      | -3.96                      | -0.79   | 0.92        | 1.24 | 6.28             | 24.00            |
| *187    | 6885                    | 52/41      | -2.98                      | -1.56   | 0.80        | 1.20 | 6.16             | 24.00            |
| *187    | 6885                    | 52/41      | -2.98                      | -1.56   | 0.80        | 1.20 | 6.16             | 24.00            |
| 195     | 6925                    | 52/41      | -2.35                      | -2.12   | 0.78        | 1.20 | 6.14             | 24.00            |
| 211     | 7005                    | 52/41      | -1.69                      | -0.93   | 1.72        | 1.48 | 7.08             | 24.00            |
| 227     | 7085                    | 52/44      | -1.28                      | -0.38   | 2.20        | 1.66 | 7.56             | 24.00            |
| 3       | 5965                    | 106/55     | 0.93                       | 1.74    | 4.36        | 2.73 | 9.72             | 24.00            |
| 43      | 6165                    | 106/56     | -0.21                      | 2.27    | 4.21        | 2.64 | 9.57             | 24.00            |
| 91      | 6405                    | 106/56     | 1.27                       | 1.75    | 4.53        | 2.84 | 9.89             | 24.00            |
| 99      | 6445                    | 106/55     | 0.63                       | 1.94    | 4.34        | 2.72 | 9.70             | 24.00            |
| 107     | 6485                    | 106/56     | 0.50                       | 1.42    | 3.99        | 2.51 | 9.35             | 24.00            |
| *115    | 6525                    | 106/56     | 1.09                       | 1.54    | 4.33        | 2.71 | 9.69             | 24.00            |
| *115    | 6525                    | 106/56     | 1.09                       | 1.54    | 4.33        | 2.71 | 9.69             | 24.00            |
| 123     | 6565                    | 106/55     | 0.60                       | 1.38    | 4.02        | 2.52 | 9.38             | 24.00            |
| 155     | 6725                    | 106/56     | 0.91                       | 1.57    | 4.26        | 2.67 | 9.62             | 24.00            |
| 179     | 6845                    | 106/56     | -0.09                      | 2.27    | 4.26        | 2.67 | 9.62             | 24.00            |
| *187    | 6885                    | 106/55     | 0.26                       | 1.74    | 4.07        | 2.55 | 9.43             | 24.00            |
| *187    | 6885                    | 106/55     | 0.26                       | 1.74    | 4.07        | 2.55 | 9.43             | 24.00            |
| 195     | 6925                    | 106/55     | 0.66                       | 1.40    | 4.06        | 2.54 | 9.42             | 24.00            |
| 211     | 7005                    | 106/55     | 1.64                       | 1.88    | 4.77        | 3.00 | 10.13            | 24.00            |
| 227     | 7085                    | 106/56     | 2.14                       | 2.90    | 5.55        | 3.59 | 10.91            | 24.00            |
| 3       | 5965                    | 242/61     | 4.84                       | 5.32    | 8.10        | 6.45 | 13.46            | 24.00            |
| 43      | 6165                    | 242/62     | 4.51                       | 4.80    | 7.67        | 5.84 | 13.03            | 24.00            |
| 91      | 6405                    | 242/62     | 4.64                       | 5.12    | 7.90        | 6.16 | 13.26            | 24.00            |
| 99      | 6445                    | 242/61     | 3.74                       | 5.67    | 7.82        | 6.06 | 13.18            | 24.00            |
| 107     | 6485                    | 242/62     | 4.40                       | 5.73    | 8.13        | 6.50 | 13.49            | 24.00            |
| *115    | 6525                    | 242/62     | 4.60                       | 5.35    | 8.00        | 6.31 | 13.36            | 24.00            |
| *115    | 6525                    | 242/62     | 4.60                       | 5.35    | 8.00        | 6.31 | 13.36            | 24.00            |
| 123     | 6565                    | 242/61     | 4.43                       | 4.93    | 7.70        | 5.89 | 13.06            | 24.00            |
| 155     | 6725                    | 242/62     | 4.47                       | 4.76    | 7.63        | 5.79 | 12.99            | 24.00            |
| 179     | 6845                    | 242/62     | 4.25                       | 4.52    | 7.40        | 5.49 | 12.76            | 24.00            |
| *187    | 6885                    | 242/62     | 3.93                       | 5.49    | 7.79        | 6.01 | 13.15            | 24.00            |
| *187    | 6885                    | 242/62     | 3.93                       | 5.49    | 7.79        | 6.01 | 13.15            | 24.00            |
| 195     | 6925                    | 242/62     | 4.64                       | 4.89    | 7.78        | 5.99 | 13.14            | 24.00            |
| 211     | 7005                    | 242/62     | 4.51                       | 5.89    | 8.26        | 6.71 | 13.62            | 24.00            |
| 227     | 7085                    | 242/62     | 5.66                       | 6.32    | 9.01        | 7.97 | 14.37            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE40\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |         | Total Power |       | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|---------|-------------|-------|------------------|------------------|
|         |                         |            | Chain 0                    | Chain 1 | (dBm)       | (mW)  |                  |                  |
| 3       | 5965                    | 484/65     | 7.38                       | 7.59    | 10.50       | 11.21 | 15.86            | 24.00            |
| 43      | 6165                    | 484/65     | 7.04                       | 7.75    | 10.42       | 11.01 | 15.78            | 24.00            |
| 91      | 6405                    | 484/65     | 7.02                       | 7.74    | 10.41       | 10.98 | 15.77            | 24.00            |
| 99      | 6445                    | 484/65     | 6.79                       | 7.70    | 10.28       | 10.66 | 15.64            | 24.00            |
| 107     | 6485                    | 484/65     | 7.04                       | 7.65    | 10.37       | 10.88 | 15.73            | 24.00            |
| *115    | 6525                    | 484/65     | 6.83                       | 6.94    | 9.90        | 9.76  | 15.26            | 24.00            |
| *115    | 6525                    | 484/65     | 6.83                       | 6.94    | 9.90        | 9.76  | 15.26            | 24.00            |
| 123     | 6565                    | 484/65     | 6.82                       | 7.28    | 10.07       | 10.15 | 15.43            | 24.00            |
| 155     | 6725                    | 484/65     | 7.48                       | 7.61    | 10.56       | 11.37 | 15.92            | 24.00            |
| 179     | 6845                    | 484/65     | 6.86                       | 7.74    | 10.33       | 10.80 | 15.69            | 24.00            |
| *187    | 6885                    | 484/65     | 6.64                       | 7.90    | 10.33       | 10.78 | 15.69            | 24.00            |
| *187    | 6885                    | 484/65     | 6.64                       | 7.90    | 10.33       | 10.78 | 15.69            | 24.00            |
| 195     | 6925                    | 484/65     | 7.01                       | 7.65    | 10.35       | 10.84 | 15.71            | 24.00            |
| 211     | 7005                    | 484/65     | 6.29                       | 6.42    | 9.37        | 8.64  | 14.73            | 24.00            |
| 227     | 7085                    | 484/65     | 8.83                       | 9.75    | 12.32       | 17.08 | 17.68            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE80\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |         | Total Power |       | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|---------|-------------|-------|------------------|------------------|
|         |                         |            | Chain 0                    | Chain 1 | (dBm)       | (mW)  |                  |                  |
| 7       | 5985                    | 996/67     | 7.64                       | 7.83    | 10.75       | 11.88 | 16.11            | 24.00            |
| 39      | 6145                    | 996/67     | 6.91                       | 7.29    | 10.11       | 10.27 | 15.47            | 24.00            |
| 87      | 6385                    | 996/67     | 7.02                       | 8.20    | 10.66       | 11.64 | 16.02            | 24.00            |
| 103     | 6465                    | 996/67     | 6.88                       | 8.21    | 10.61       | 11.50 | 15.97            | 24.00            |
| *119    | 6545                    | 996/67     | 7.41                       | 7.58    | 10.51       | 11.24 | 15.87            | 24.00            |
| *119    | 6545                    | 996/67     | 7.41                       | 7.58    | 10.51       | 11.24 | 15.87            | 24.00            |
| 135     | 6625                    | 996/67     | 6.75                       | 7.22    | 10.00       | 10.00 | 15.36            | 24.00            |
| 151     | 6705                    | 996/67     | 7.01                       | 7.27    | 10.15       | 10.36 | 15.51            | 24.00            |
| 167     | 6785                    | 996/67     | 6.89                       | 7.73    | 10.34       | 10.82 | 15.70            | 24.00            |
| *183    | 6865                    | 996/67     | 6.72                       | 8.21    | 10.54       | 11.32 | 15.90            | 24.00            |
| *183    | 6865                    | 996/67     | 6.72                       | 8.21    | 10.54       | 11.32 | 15.90            | 24.00            |
| 199     | 6945                    | 996/67     | 6.95                       | 8.03    | 10.53       | 11.31 | 15.89            | 24.00            |
| 215     | 7025                    | 996/67     | 7.48                       | 7.56    | 10.53       | 11.30 | 15.89            | 24.00            |

\*Note : Straddle Channel

**<802.11ax HE160\_Partial RU>**

| Channel | Channel Frequency (MHz) | RU Config. | Average Output Power (dBm) |         | Total Power |       | EIRP Power (dBm) | EIRP Limit (dBm) |
|---------|-------------------------|------------|----------------------------|---------|-------------|-------|------------------|------------------|
|         |                         |            | Chain 0                    | Chain 1 | (dBm)       | (mW)  |                  |                  |
| 15      | 6025                    | 1992/68    | 12.77                      | 12.92   | 15.86       | 38.51 | 21.22            | 24.00            |
| 47      | 6185                    | 1992/68    | 12.16                      | 13.22   | 15.73       | 37.43 | 21.09            | 24.00            |
| 79      | 6345                    | 1992/68    | 12.56                      | 13.92   | 16.30       | 42.69 | 21.66            | 24.00            |
| *111    | 6505                    | 1992/68    | 13.05                      | 13.67   | 16.38       | 43.46 | 21.74            | 24.00            |
| *111    | 6505                    | 1992/68    | 13.05                      | 13.67   | 16.38       | 43.46 | 21.74            | 24.00            |
| 143     | 6665                    | 1992/68    | 13.14                      | 13.30   | 16.23       | 41.99 | 21.59            | 24.00            |
| *175    | 6825                    | 1992/68    | 13.28                      | 13.54   | 16.42       | 43.88 | 21.78            | 24.00            |
| *175    | 6825                    | 1992/68    | 13.28                      | 13.54   | 16.42       | 43.88 | 21.78            | 24.00            |
| 207     | 6985                    | 1992/68    | 12.81                      | 13.09   | 15.96       | 39.47 | 21.32            | 24.00            |

\*Note : Straddle Channel

### 5.1.3 Radiated Spurious Emissions

#### Limit

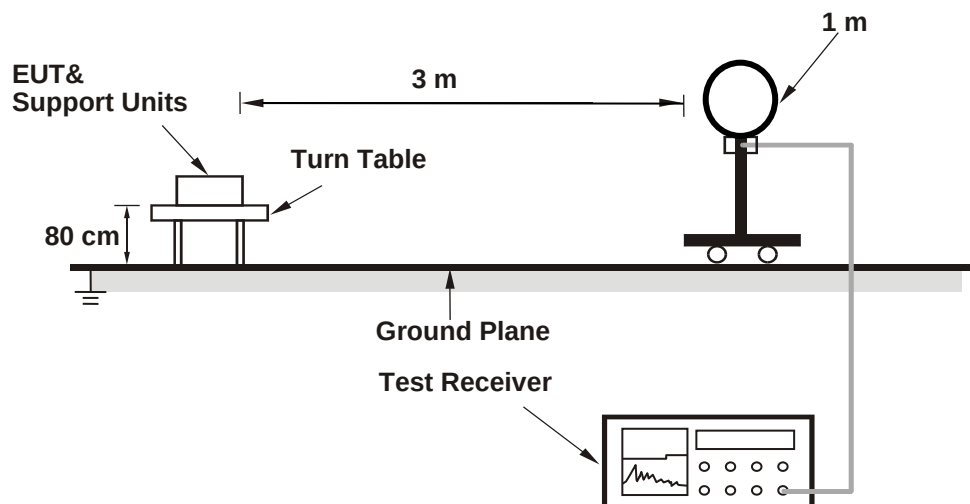
For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of  $-27$  dBm/MHz.

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must comply with the radiated emission limits specified in §15.209(a).

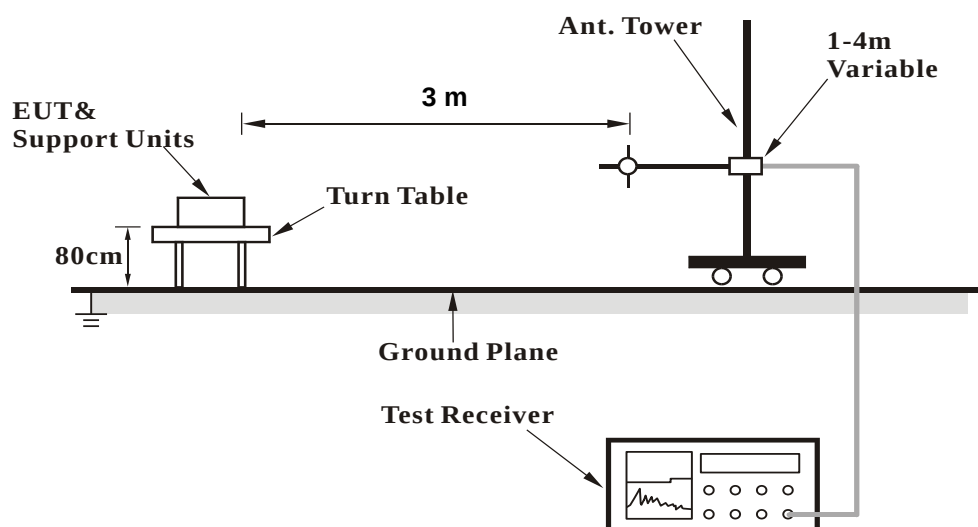
Kind of Test Site 3m Semi-Anechoic Chamber

#### Test Setup

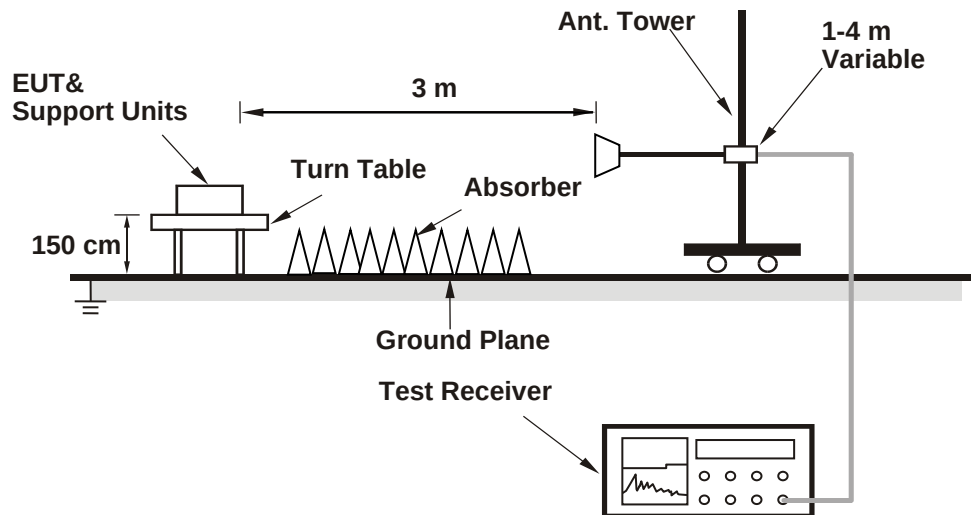
##### <Radiated Emissions below 30 MHz>



##### <Radiated Emissions 30 MHz to 1 GHz>



<Radiated Emissions above 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

**Prüfbericht - Nr.: CN23RJTZ (P15E-WiFi6G) 001**  
*Test Report No.*
**Seite 30 von 34**  
*Page 30 of 34*
**Test Instruments**

| Kind of Equipment  | Manufacturer | Type                   | S/N         | Calibration Date | Calibration Due Date |
|--------------------|--------------|------------------------|-------------|------------------|----------------------|
| Above 1 GHz        |              |                        |             |                  |                      |
| Signal Analyzer    | R&S          | FSV40                  | 101509      | 2023/4/26        | 2024/4/24            |
| Horn Antenna       | ETS-Lindgren | 3117                   | 00218929    | 2022/11/17       | 2023/11/16           |
| Horn Antenna       | SCHWARZBECK  | BBHA 9170              | 00890       | 2023/5/4         | 2024/5/2             |
| HF-AMP + AC source | EMCI         | EMC051845SE            | 980635      | 2023/2/16        | 2024/2/15            |
| HF-AMP + AC source | EMCI         | EMC051845SE            | 980656      | 2023/1/16        | 2024/1/15            |
| Test Software      | Audix E3     | 15914a_20191106<br>tuv | PK-001087   | N/A              | N/A                  |
| 30 MHz ~ 1 GHz     |              |                        |             |                  |                      |
| Receiver           | R&S          | ESR7                   | 102109      | 2023/2/24        | 2024/2/23            |
| Bilog Antenna      | SCHWARZBECK  | VULB-9168              | 00951       | 2023/3/31        | 2024/3/29            |
| LF-AMP             | Agilent      | 8447D                  | 2944A107722 | 2023/3/22        | 2024/3/20            |
| Test Software      | Audix E3     | 15914a_20191106<br>tuv | PK-001087   | N/A              | N/A                  |
| Below 30 MHz       |              |                        |             |                  |                      |
| Receiver           | R&S          | ESR7                   | 102109      | 2023/2/24        | 2024/2/23            |
| Loop Antenna       | SCHWARZBECK  | FMZB 1519B             | 00215       | 2023/1/4         | 2024/1/3             |
| Test Software      | Audix E3     | 15914a_20191106<br>tuv | PK-001087   | N/A              | N/A                  |

**Test Procedures****For Radiated Emissions below 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

## Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

**For Radiated Emissions above 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

## Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is  $\geq 1/T$  (Duty cycle < 98 %) or 10 Hz (Duty cycle  $\geq 98$  %) for Average detection (AV) at frequency above 1 GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.
5. The Radiated Emissions testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.
6. The emission levels of other frequencies (including the 10th harmonic of the highest fundamental frequency) are very lower than the limit and are not shown in the test report.

**Prüfbericht - Nr.: CN23RJTZ (P15E-WiFi6G) 001**  
*Test Report No.*

**Seite 32 von 34**  
*Page 32 of 34*

**Test Results**

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)  
Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

Please refer to Appendix A.

## 5.2 Mains Emission

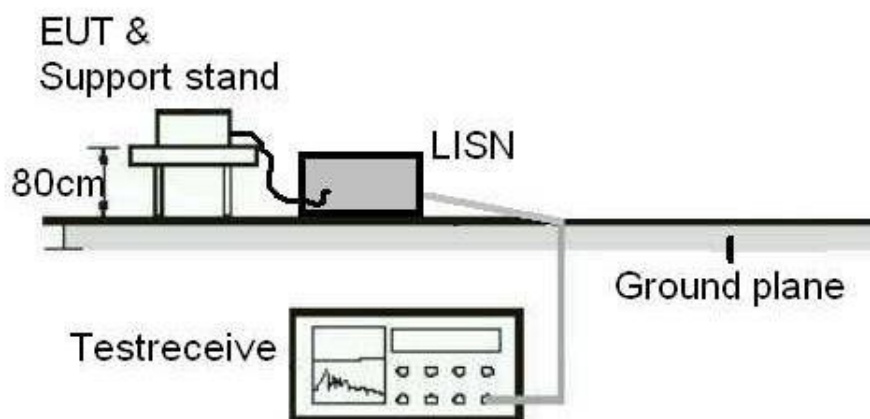
### 5.2.1 Mains Conducted Emission

#### Limit

Mains Conducted emissions as defined in §15.207 must comply with the mains conducted emission limits.

**Kind of Test Site** Shielded room

#### Test Setup



#### Test Instruments

| Kind of Equipment  | Manufacturer    | Type   | S/N    | Calibration Date | Calibration Due Date |
|--------------------|-----------------|--------|--------|------------------|----------------------|
| Two-Line V-Network | Rohde & Schwarz | ENV216 | 101938 | 2023/10/23       | 2024/10/21           |
| EMI Test Receiver  | R&S             | ESCI   | 101094 | 2022/11/24       | 2023/11/23           |

#### Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

#### Test Results

Please refer to Appendix A.

# Appendix A: Test Results of Radiated Spurious Emissions & Mains

## Conducted Emission Test

### Band Edges, 5.46GHz ~ 7.250GHz

#### U-NII 5

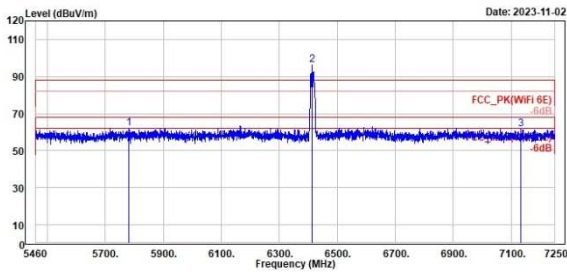
#### 802.11a

#### CH93 (Horizontal) Peak

#### CH93 (Vertical) Peak



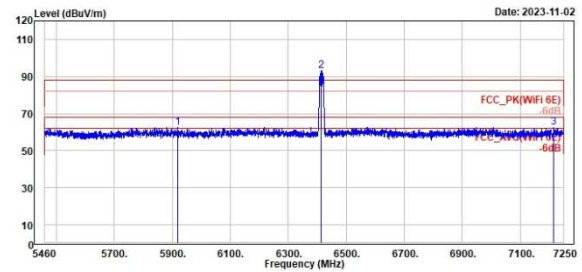
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Limit | Over   | APos   | TPos | Remark   | Pol/Phase  | Note |
|-----|---------|--------|--------|-------|--------|--------|------|----------|------------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | cm   | deg      |            |      |
| 1   | 5781.62 | 61.91  | 68.69  | -6.78 | 88.20  | -26.29 | 125  | 175 Peak | Horizontal |      |
| 2 * | 6415.00 | 96.43  | 102.53 | -6.10 | 88.20  | 8.23   | 125  | 175 Peak | Horizontal |      |
| 3   | 7134.57 | 61.64  | 67.12  | -5.48 | 88.20  | -26.56 | 125  | 175 Peak | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Limit | Over   | APos   | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg      |           |      |
| 1   | 5918.49 | 62.69  | 69.17 | -6.48 | 88.20  | -25.51 | 100  | 182 Peak | Vertical  |      |
| 2 * | 6415.00 | 93.22  | 99.32 | -6.10 | 88.20  | 5.82   | 100  | 182 Peak | Vertical  |      |
| 3   | 7216.77 | 62.33  | 67.73 | -5.40 | 88.20  | -25.87 | 100  | 182 Peak | Vertical  |      |

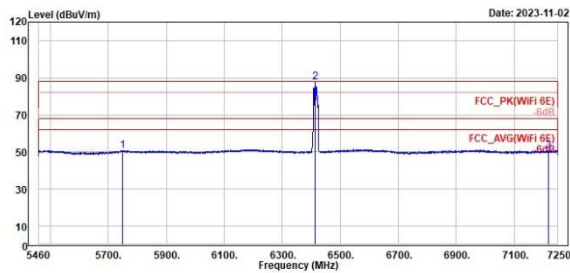
**802.11a**

**CH93 (Horizontal) RMS**

**CH93 (Vertical) RMS**



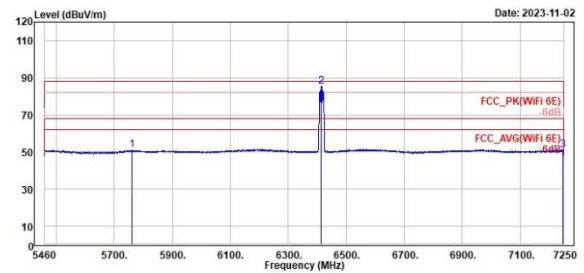
TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos    | Remark     | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|---------|------------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg     |            |           |      |
| 1    | 5749.46 | 50.87 | 57.66 | -6.79  | 68.20 | -17.33 | 125  | 175 RMS | Horizontal |           |      |
| 2 *  | 6415.00 | 87.58 | 93.68 | -6.10  | 68.20 | 19.38  | 125  | 175 RMS | Horizontal |           |      |
| 3    | 7218.55 | 50.65 | 56.04 | -5.39  | 68.20 | -17.55 | 125  | 175 RMS | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos    | Remark   | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|---------|----------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg     |          |           |      |
| 1    | 5769.18 | 50.93 | 57.71 | -6.78  | 68.20 | -17.27 | 100  | 182 RMS | Vertical |           |      |
| 2 *  | 6415.00 | 85.26 | 91.36 | -6.10  | 68.20 | 17.06  | 100  | 182 RMS | Vertical |           |      |
| 3    | 7248.21 | 51.10 | 56.40 | -5.30  | 68.20 | -17.10 | 100  | 182 RMS | Vertical |           |      |

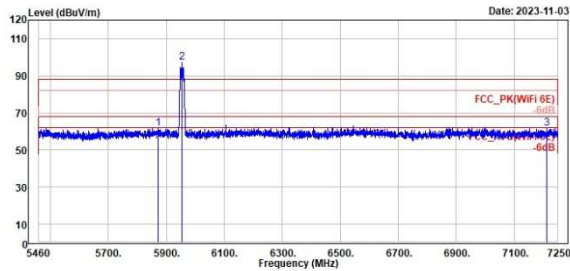
802.11ax HE20

CH1 (Horizontal) Peak

CH1 (Vertical) Peak



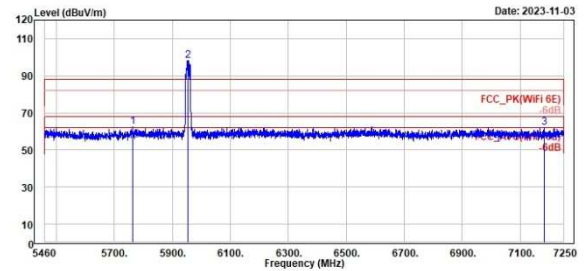
TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Peak | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|------|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|      | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1    | 5870.96 | 61.61  | 68.49  | -6.68 | 88.20  | -26.39 | 100  | 197  | Peak | Horizontal |           |      |
| 2 *  | 5955.00 | 97.00  | 103.54 | -6.54 | 88.20  | 8.80   | 100  | 197  | Peak | Horizontal |           |      |
| 3    | 7212.12 | 61.70  | 67.11  | -5.41 | 88.20  | -26.50 | 100  | 197  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Peak | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|------|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|      | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1    | 5763.04 | 62.38  | 69.16  | -6.78 | 88.20  | -25.82 | 172  | 180  | Peak | Vertical |           |      |
| 2 *  | 5955.00 | 98.24  | 104.78 | -6.54 | 88.20  | 18.04  | 172  | 180  | Peak | Vertical |           |      |
| 3    | 7182.82 | 62.07  | 67.53  | -5.46 | 88.20  | -26.13 | 172  | 180  | Peak | Vertical |           |      |

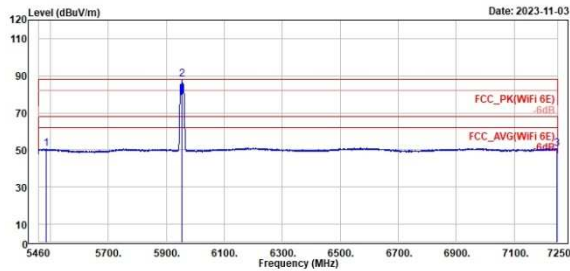
802.11ax HE20

CH1 (Horizontal) RMS

CH1 (Vertical) RMS



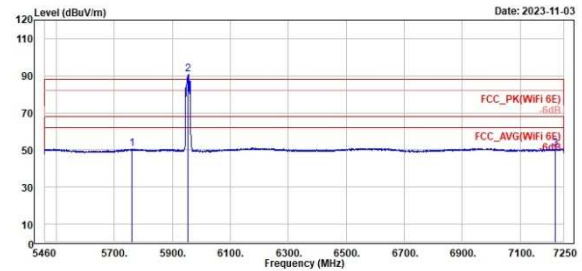
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5486.00 | 50.54 | 57.63 | -7.09  | 68.20 | -17.66 | 100  | 197  | RMS    | Horizontal |      |
| 2 *  | 5955.00 | 88.00 | 94.54 | -6.54  | 68.20 | 19.80  | 100  | 197  | RMS    | Horizontal |      |
| 3    | 7246.43 | 50.71 | 56.03 | -5.32  | 68.20 | -17.49 | 100  | 197  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5760.18 | 50.74 | 57.52 | -6.78  | 68.20 | -17.46 | 172  | 180  | RMS    | Vertical  |      |
| 2 *  | 5955.00 | 90.04 | 97.48 | -6.54  | 68.20 | 22.74  | 172  | 180  | RMS    | Vertical  |      |
| 3    | 7221.41 | 50.57 | 55.96 | -5.39  | 68.20 | -17.63 | 172  | 180  | RMS    | Vertical  |      |

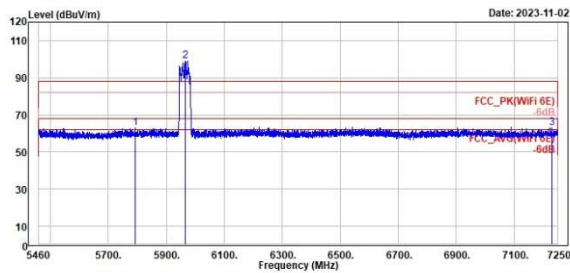
802.11ax HE40

CH3 (Horizontal) Peak

CH3 (Vertical) Peak



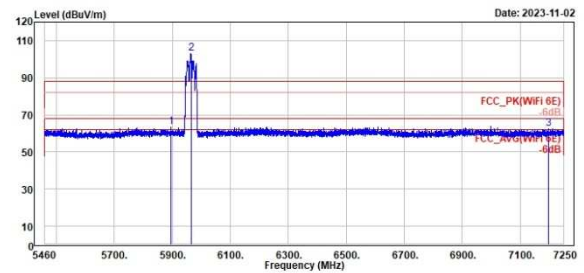
TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1   | 5794.01 | 62.84  | 69.61  | -6.77 | 88.20  | -25.36 | 100  | 196  | Peak | Horizontal |           |      |
| 2 * | 5965.00 | 98.92  | 105.48 | -6.56 | 88.20  | 18.72  | 100  | 196  | Peak | Horizontal |           |      |
| 3   | 7229.59 | 63.18  | 68.54  | -5.36 | 88.20  | -25.02 | 100  | 196  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5896.22 | 63.49  | 69.96  | -6.47 | 88.20  | -24.71 | 220  | 180  | Peak | Vertical |           |      |
| 2 * | 5965.00 | 103.06 | 109.62 | -6.56 | 88.20  | 14.86  | 220  | 180  | Peak | Vertical |           |      |
| 3   | 7198.45 | 62.46  | 67.90  | -5.44 | 88.20  | -25.74 | 220  | 180  | Peak | Vertical |           |      |

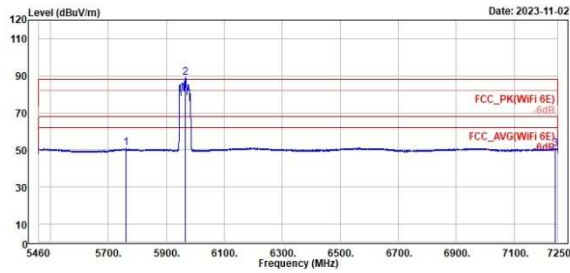
802.11ax HE40

CH3 (Horizontal) RMS

CH3 (Vertical) RMS



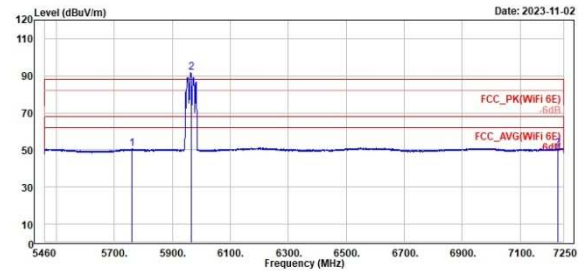
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5768.00 | 51.18 | 57.96 | -6.78  | 68.20 | -17.02 | 100  | 196  | RMS    | Horizontal |      |
| 2 *  | 5965.00 | 88.05 | 95.41 | -6.56  | 68.20 | 20.65  | 100  | 196  | RMS    | Horizontal |      |
| 3    | 7242.66 | 50.60 | 55.92 | -5.32  | 68.20 | -17.60 | 100  | 196  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5768.18 | 50.69 | 57.47 | -6.78  | 68.20 | -17.51 | 220  | 180  | RMS    | Vertical  |      |
| 2 *  | 5965.00 | 91.73 | 98.29 | -6.56  | 68.20 | 23.53  | 220  | 180  | RMS    | Vertical  |      |
| 3    | 7229.59 | 50.67 | 56.03 | -5.36  | 68.20 | -17.53 | 220  | 180  | RMS    | Vertical  |      |

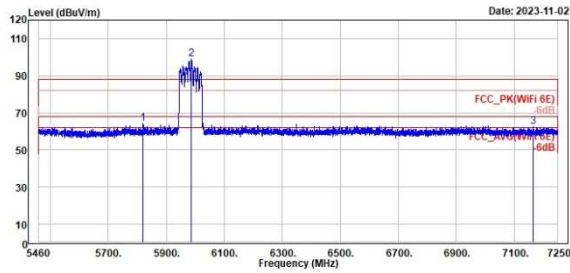
802.11ax HE80

CH7 (Horizontal) Peak

CH7 (Vertical) Peak



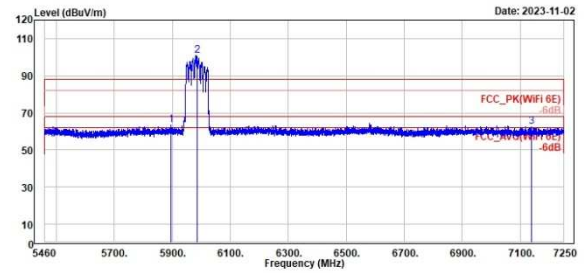
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1   | 5920.69 | 64.43  | 71.23  | -6.80 | 88.20  | -23.77 | 127  | 196  | Peak | Horizontal |           |      |
| 2 * | 5985.00 | 98.93  | 105.52 | -6.59 | 88.20  | 10.73  | 127  | 196  | Peak | Horizontal |           |      |
| 3   | 7166.41 | 62.31  | 67.77  | -5.46 | 88.20  | -25.89 | 127  | 196  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5996.76 | 63.49  | 69.96  | -6.47 | 88.20  | -24.71 | 189  | 182  | Peak | Vertical |           |      |
| 2 * | 5985.00 | 100.83 | 107.42 | -6.59 | 88.20  | 12.63  | 189  | 182  | Peak | Vertical |           |      |
| 3   | 7140.27 | 62.31  | 67.79  | -5.48 | 88.20  | -25.89 | 189  | 182  | Peak | Vertical |           |      |

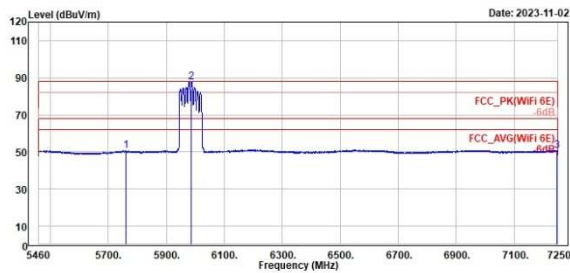
**802.11ax HE80**

**CH7 (Horizontal) RMS**

**CH7 (Vertical) RMS**



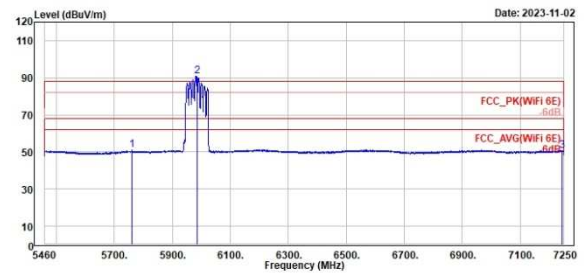
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5759.83 | 50.86 | 57.64 | -6.78  | 68.20 | -17.34 | 127  | 196  | RMS    | Horizontal |      |
| 2 *  | 5985.00 | 87.79 | 94.38 | -6.59  | 68.20 | 19.59  | 127  | 196  | RMS    | Horizontal |      |
| 3    | 7249.11 | 50.68 | 55.98 | -5.30  | 68.20 | -17.52 | 127  | 196  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5760.00 | 50.94 | 57.72 | -6.78  | 68.20 | -17.26 | 189  | 182  | RMS    | Vertical  |      |
| 2 *  | 5985.00 | 90.78 | 97.37 | -6.59  | 68.20 | 22.58  | 189  | 182  | RMS    | Vertical  |      |
| 3    | 7244.63 | 50.65 | 55.97 | -5.32  | 68.20 | -17.55 | 189  | 182  | RMS    | Vertical  |      |



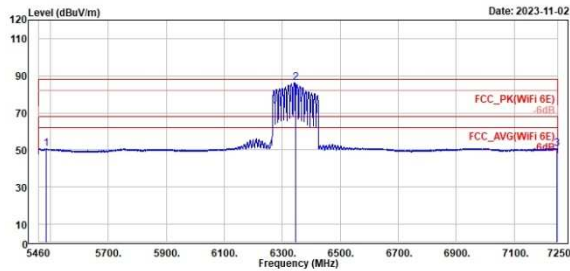
802.11ax HE160

CH79 (Horizontal) RMS

CH79 (Vertical) RMS



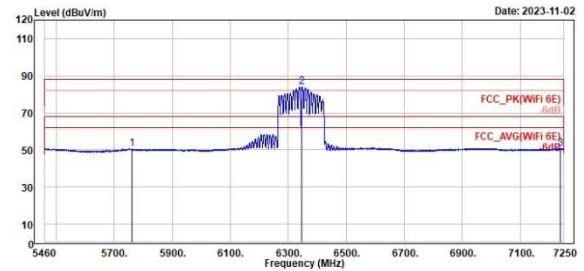
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5485.78 | 50.59 | 57.68 | -7.09  | 68.20 | -17.61 | 100  | 171  | RMS    | Horizontal |      |
| 2 *  | 6345.00 | 86.32 | 92.43 | -6.11  | 68.20 | 18.12  | 100  | 171  | RMS    | Horizontal |      |
| 3    | 7246.60 | 50.74 | 56.06 | -5.32  | 68.20 | -17.46 | 100  | 171  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



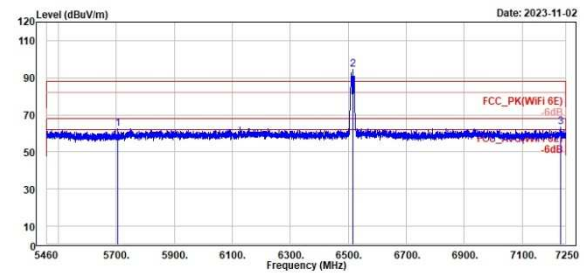
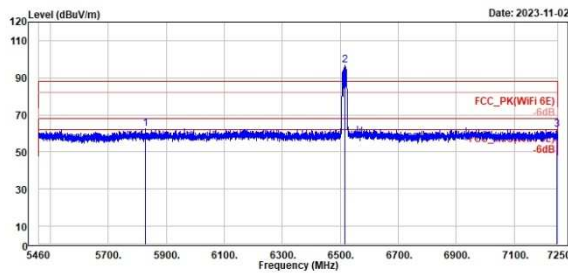
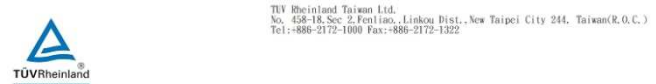
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5760.00 | 50.60 | 57.38 | -6.78  | 68.20 | -17.60 | 243  | 180  | RMS    | Vertical  |      |
| 2 *  | 6345.00 | 84.12 | 90.23 | -6.11  | 68.20 | 15.92  | 243  | 180  | RMS    | Vertical  |      |
| 3    | 7238.19 | 50.73 | 56.06 | -5.33  | 68.20 | -17.47 | 243  | 180  | RMS    | Vertical  |      |

**U-NII 6**

**802.11 a**

**CH113 (Horizontal) Peak**

**CH113 (Vertical) Peak**



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5827.31 | 62.32 | 69.14  | -6.82  | 88.20 | -25.88 | 274  | 202  | Peak   | Horizontal |      |
| 2 *  | 6515.00 | 96.95 | 102.61 | -5.66  | 88.20 | 8.75   | 274  | 202  | Peak   | Horizontal |      |
| 3    | 7247.32 | 62.08 | 67.39  | -5.31  | 88.20 | -26.12 | 274  | 202  | Peak   | Horizontal |      |

| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5795.95 | 62.63 | 69.87  | -7.24  | 88.20 | -25.57 | 108  | 185  | Peak   | Vertical  |      |
| 2 *  | 6515.00 | 94.49 | 100.35 | -5.86  | 88.20 | 6.29   | 108  | 185  | Peak   | Vertical  |      |
| 3    | 7232.82 | 63.24 | 68.59  | -5.35  | 88.20 | -24.96 | 108  | 185  | Peak   | Vertical  |      |

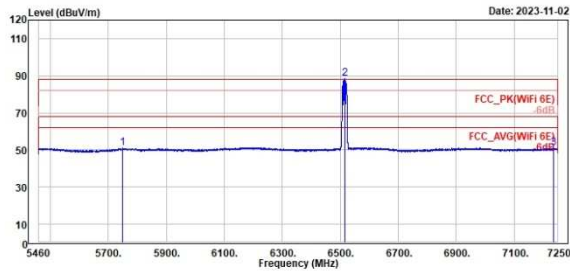
**802.11 a**

**CH113 (Horizontal) RMS**

**CH113 (Vertical) RMS**



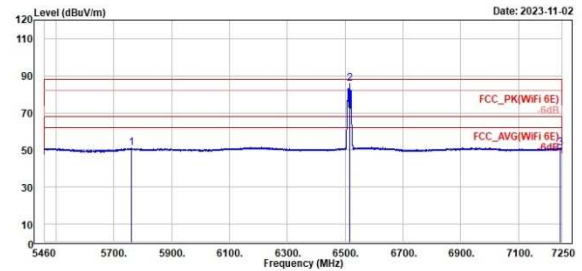
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5759.16 | 50.90 | 57.69 | -6.79  | 68.20 | -17.30 | 274  | 202  | RMS    | Horizontal |      |
| 2 *  | 6515.00 | 88.63 | 94.49 | -5.86  | 68.20 | 20.43  | 274  | 202  | RMS    | Horizontal |      |
| 3    | 7237.47 | 50.89 | 56.23 | -5.34  | 68.20 | -17.31 | 274  | 202  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5759.83 | 51.32 | 58.10 | -6.78  | 68.20 | -16.88 | 108  | 185  | RMS    | Vertical  |      |
| 2 *  | 6515.00 | 85.58 | 91.44 | -5.86  | 68.20 | 17.38  | 108  | 185  | RMS    | Vertical  |      |
| 3    | 7246.24 | 51.05 | 56.37 | -5.32  | 68.20 | -17.15 | 108  | 185  | RMS    | Vertical  |      |

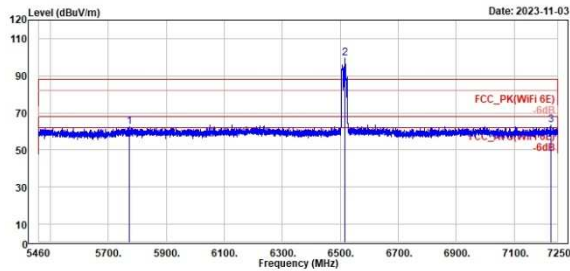
802.11ax HE20

CH113 (Horizontal) Peak

CH113 (Vertical) Peak



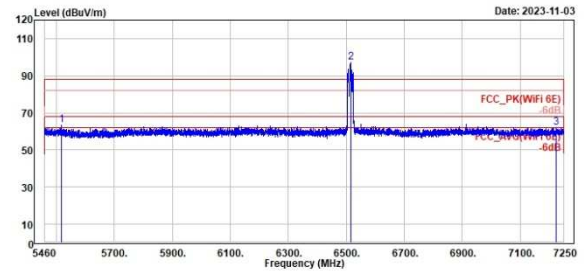
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1   | 5772.00 | 62.62  | 69.40  | -6.78 | 88.20  | -25.58 | 280  | 189  | Peak | Horizontal |           |      |
| 2 * | 6515.00 | 99.34  | 105.20 | -5.86 | 88.20  | 11.14  | 280  | 189  | Peak | Horizontal |           |      |
| 3   | 7227.09 | 63.35  | 68.72  | -5.37 | 88.20  | -24.85 | 280  | 189  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5518.35 | 63.42  | 70.50  | -7.08 | 88.20  | -24.78 | 100  | 183  | Peak | Vertical |           |      |
| 2 * | 6515.00 | 97.12  | 102.98 | -5.86 | 88.20  | 8.92   | 100  | 183  | Peak | Vertical |           |      |
| 3   | 7224.05 | 62.23  | 67.60  | -5.37 | 88.20  | -25.97 | 100  | 183  | Peak | Vertical |           |      |

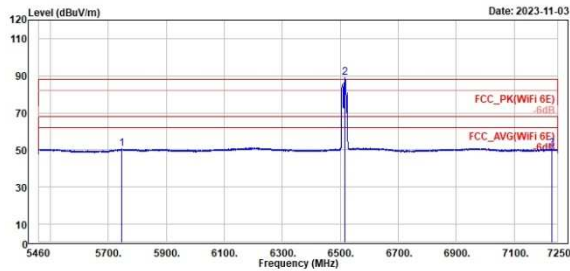
**802.11ax HE20**

**CH113 (Horizontal) RMS**

**CH113 (Vertical) RMS**



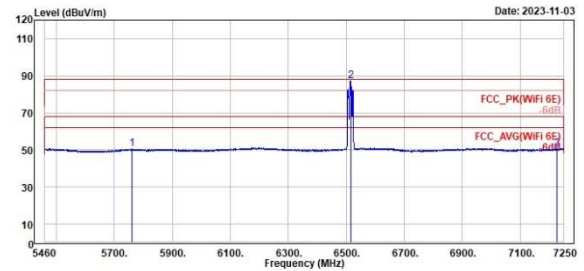
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5745.68 | 50.43 | 57.25 | -6.82  | 68.20 | -17.77 | 280  | 189  | RMS    | Horizontal |      |
| 2 *  | 6515.00 | 88.87 | 94.73 | -5.86  | 68.20 | 20.67  | 280  | 189  | RMS    | Horizontal |      |
| 3    | 7229.77 | 50.52 | 55.88 | -5.36  | 68.20 | -17.68 | 280  | 189  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5759.83 | 50.77 | 57.55 | -6.78  | 68.20 | -17.43 | 100  | 183  | RMS    | Vertical  |      |
| 2 *  | 6515.00 | 86.83 | 92.79 | -5.86  | 68.20 | 18.73  | 100  | 183  | RMS    | Vertical  |      |
| 3    | 7228.70 | 50.65 | 56.01 | -5.36  | 68.20 | -17.55 | 100  | 183  | RMS    | Vertical  |      |

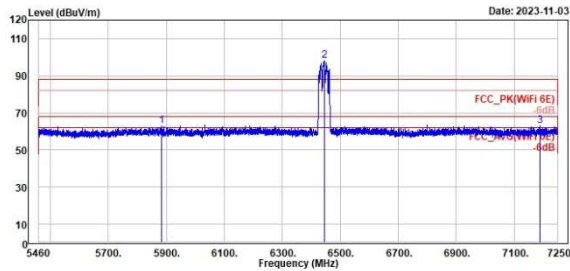
802.11ax HE40

CH99 (Horizontal) Peak

CH99 (Vertical) Peak



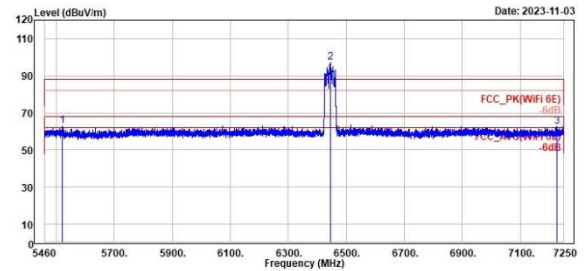
TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5884.59 | 62.88 | 69.37  | -6.57  | 88.20 | -25.40 | 118  | 178  | Peak   | Horizontal |      |
| 2 *  | 6445.00 | 97.93 | 104.01 | -6.08  | 88.20 | 9.73   | 118  | 178  | Peak   | Horizontal |      |
| 3    | 7190.57 | 62.93 | 68.38  | -5.45  | 88.20 | -25.27 | 118  | 178  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 458-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5522.11 | 63.07 | 70.14  | -7.07  | 88.20 | -25.13 | 100  | 182  | Peak   | Vertical  |      |
| 2 *  | 6445.00 | 97.38 | 103.46 | -6.08  | 88.20 | 9.18   | 100  | 182  | Peak   | Vertical  |      |
| 3    | 7226.37 | 62.36 | 67.73  | -5.37  | 88.20 | -25.84 | 100  | 182  | Peak   | Vertical  |      |

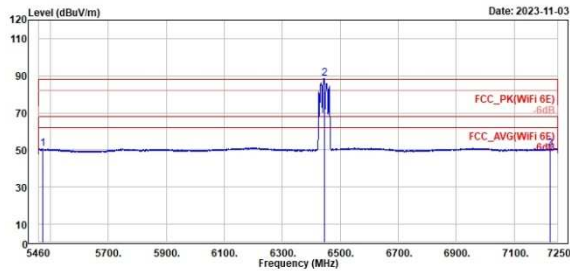
**802.11ax HE40**

**CH99 (Horizontal) RMS**

**CH99 (Vertical) RMS**



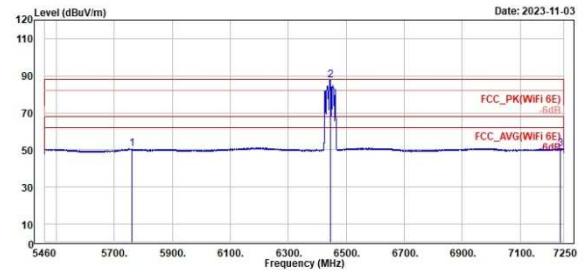
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg     |            |           |      |
| 1   | 5474.86 | 50.51  | 57.62 | -7.11 | 68.20  | -17.69 |      | 118  | 178 RMS | Horizontal |           |      |
| 2 * | 6445.00 | 88.63  | 96.71 | -6.08 | 68.20  | 28.43  |      | 118  | 178 RMS | Horizontal |           |      |
| 3   | 7224.58 | 50.61  | 55.98 | -5.37 | 68.20  | -17.59 |      | 118  | 178 RMS | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos    | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|---------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg     |          |           |      |
| 1   | 5769.00 | 50.55  | 57.33 | -6.78 | 68.20  | -17.65 |      | 100  | 182 RMS | Vertical |           |      |
| 2 * | 6445.00 | 87.51  | 93.59 | -6.08 | 68.20  | 19.31  |      | 100  | 182 RMS | Vertical |           |      |
| 3   | 7239.98 | 50.65  | 55.98 | -5.33 | 68.20  | -17.55 |      | 100  | 182 RMS | Vertical |           |      |

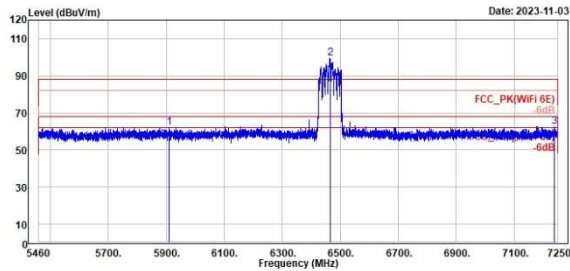
802.11ax HE80

CH103 (Horizontal) Peak

CH103 (Vertical) Peak



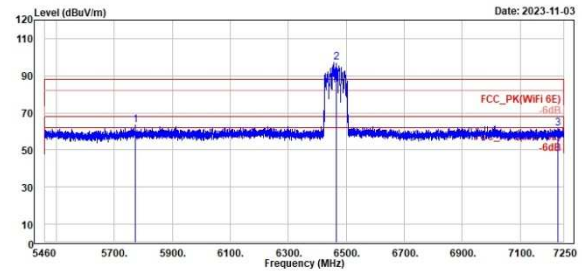
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5918.19 | 61.96 | 68.42  | -6.46  | 88.20 | -26.24 | 112  | 178  | Peak   | Horizontal |      |
| 2 *  | 6465.00 | 99.29 | 105.31 | -6.02  | 88.20 | 11.09  | 112  | 178  | Peak   | Horizontal |      |
| 3    | 7238.72 | 62.58 | 67.91  | -5.33  | 88.20 | -25.62 | 112  | 178  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5773.61 | 63.44 | 70.22  | -6.78  | 88.20 | -24.76 | 100  | 185  | Peak   | Vertical  |      |
| 2 *  | 6465.00 | 97.11 | 103.16 | -6.05  | 88.20 | 8.91   | 100  | 185  | Peak   | Vertical  |      |
| 3    | 7231.56 | 61.49 | 66.85  | -5.36  | 88.20 | -26.71 | 100  | 185  | Peak   | Vertical  |      |

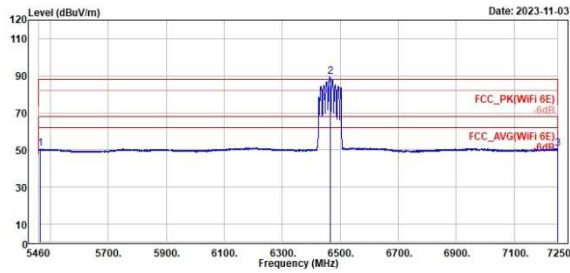
802.11ax HE80

CH103 (Horizontal) RMS

CH103 (Vertical) RMS



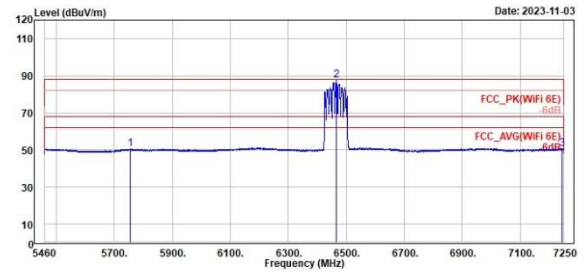
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos    | Remark     | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|---------|------------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |         |            |           |      |
| 1    | 5464.65 | 50.59 | 57.73 | -7.14  | 68.20 | -17.61 | 112  | 178 RMS | Horizontal |           |      |
| 2 *  | 6465.00 | 89.32 | 95.35 | -6.03  | 68.20 | 21.12  | 112  | 178 RMS | Horizontal |           |      |
| 3    | 7249.82 | 50.55 | 55.85 | -5.30  | 68.20 | -17.65 | 112  | 178 RMS | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos    | Remark   | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|---------|----------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |         |          |           |      |
| 1    | 5755.53 | 50.57 | 57.35 | -6.78  | 68.20 | -17.63 | 100  | 185 RMS | Vertical |           |      |
| 2 *  | 6465.00 | 87.51 | 93.53 | -6.02  | 68.20 | 19.31  | 100  | 185 RMS | Vertical |           |      |
| 3    | 7244.81 | 50.56 | 55.88 | -5.32  | 68.20 | -17.64 | 100  | 185 RMS | Vertical |           |      |

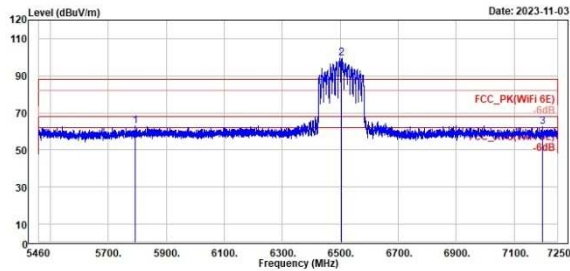
802.11ax HE160

CH111 (Horizontal) Peak

CH111 (Vertical) Peak



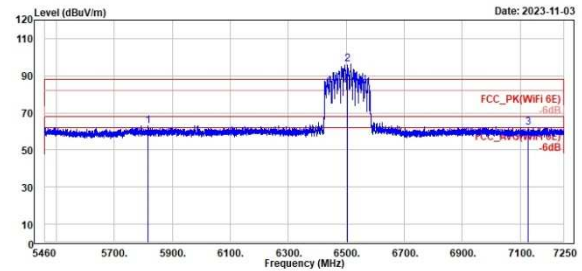
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5794.19 | 62.83 | 69.68  | -6.77  | 88.20 | -25.37 | 270  | 202  | Peak   | Horizontal |      |
| 2    | 6585.00 | 99.68 | 105.55 | -5.87  | 88.20 | 11.48  | 270  | 202  | Peak   | Horizontal |      |
| 3    | 7199.16 | 62.41 | 67.85  | -5.44  | 88.20 | -25.79 | 270  | 202  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5817.28 | 62.98 | 69.78  | -6.80  | 88.20 | -25.20 | 100  | 185  | Peak   | Vertical  |      |
| 2    | 6585.00 | 96.23 | 102.10 | -5.87  | 88.20 | 8.03   | 100  | 185  | Peak   | Vertical  |      |
| 3    | 7128.82 | 61.93 | 67.42  | -5.49  | 88.20 | -26.27 | 100  | 185  | Peak   | Vertical  |      |

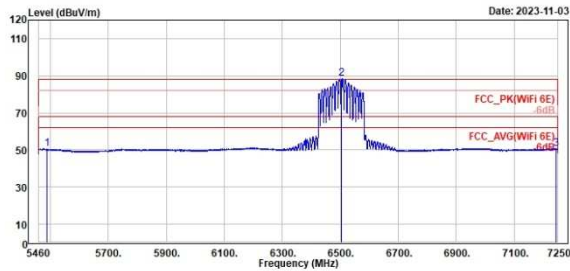
802.11ax HE160

CH111 (Horizontal) RMS

CH111 (Vertical) RMS



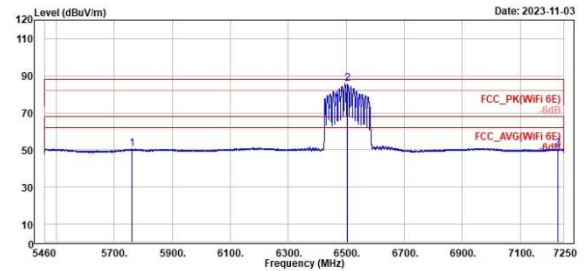
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5488.10 | 50.59 | 57.67 | -7.08  | 68.20 | -17.61 | 270  | 202  | RMS    | Horizontal |      |
| 2 *  | 6505.00 | 88.66 | 94.52 | -5.86  | 68.20 | 20.46  | 270  | 202  | RMS    | Horizontal |      |
| 3    | 7243.56 | 50.71 | 56.03 | -5.32  | 68.20 | -17.49 | 270  | 202  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



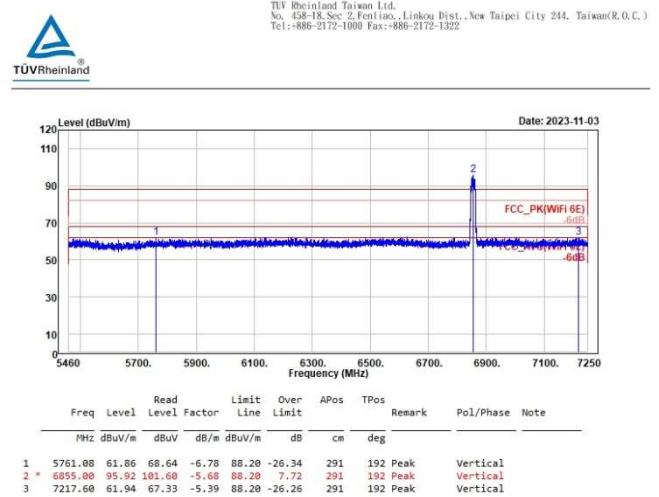
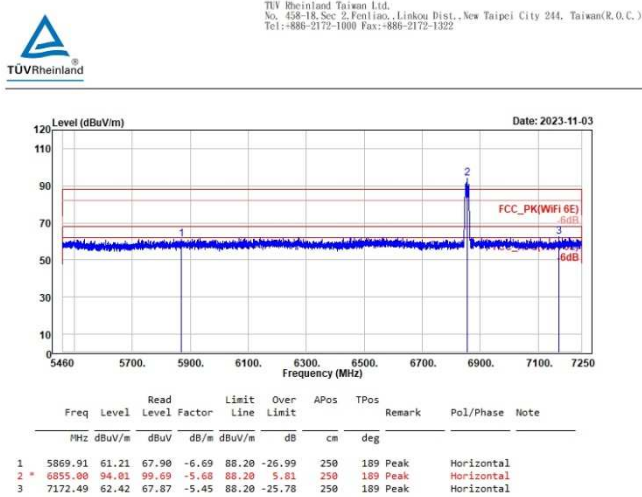
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5759.83 | 50.60 | 57.38 | -6.78  | 68.20 | -17.60 | 100  | 185  | RMS    | Vertical  |      |
| 2 *  | 6505.00 | 85.63 | 91.52 | -5.89  | 68.20 | 17.43  | 100  | 185  | RMS    | Vertical  |      |
| 3    | 7229.77 | 50.43 | 55.79 | -5.36  | 68.20 | -17.77 | 100  | 185  | RMS    | Vertical  |      |

**U-NII 7**

**802.11a**

**CH181 (Horizontal) Peak**

**CH181 (Vertical) Peak**



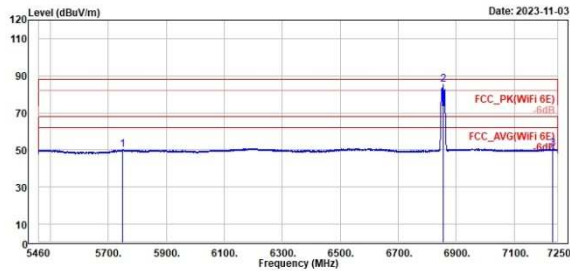
802.11a

CH181 (Horizontal) RMS

CH181 (Vertical) RMS



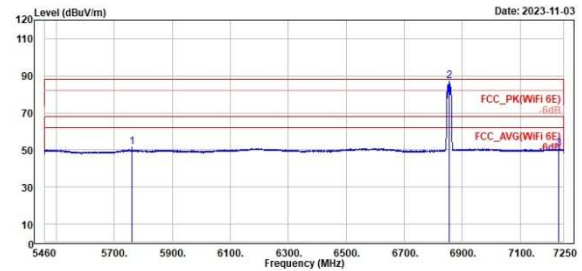
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Factor | Limit  | Over  | APos   | TPos | Remark  | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|---------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | cm     | deg  |         |            |      |
| 1    | 5759.52 | 50.19 | 56.98  | -6.79  | 68.20 | -18.01 | 250  | 189 RMS | Horizontal |      |
| 2 *  | 6855.00 | 85.55 | 91.23  | -5.68  | 68.20 | 17.35  | 250  | 189 RMS | Horizontal |      |
| 3    | 7232.46 | 50.54 | 55.90  | -5.36  | 68.20 | -17.66 | 250  | 189 RMS | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Factor | Limit  | Over  | APos   | TPos | Remark  | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|---------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | cm     | deg  |         |           |      |
| 1    | 5760.00 | 51.69 | 58.47  | -6.78  | 68.20 | -16.51 | 291  | 192 RMS | Vertical  |      |
| 2 *  | 6855.00 | 87.32 | 93.00  | -5.68  | 68.20 | 19.12  | 291  | 192 RMS | Vertical  |      |
| 3    | 7233.17 | 50.45 | 55.80  | -5.35  | 68.20 | -17.75 | 291  | 192 RMS | Vertical  |      |

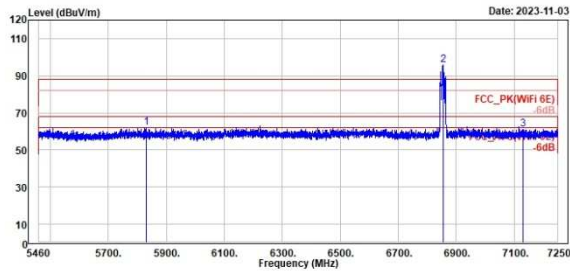
**802.11ax HE20**

**CH181 (Horizontal) Peak**

**CH181 (Vertical) Peak**



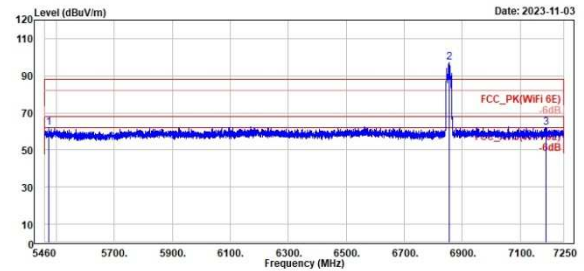
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1   | 5830.89 | 62.00  | 68.82  | -6.82 | 88.20  | -26.20 | 252  | 190  | Peak | Horizontal |           |      |
| 2 * | 6955.00 | 95.96  | 101.64 | -5.68 | 88.20  | 7.76   | 252  | 190  | Peak | Horizontal |           |      |
| 3   | 7130.79 | 61.13  | 66.62  | -5.49 | 88.20  | -27.07 | 252  | 190  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5473.43 | 62.01  | 69.12  | -7.11 | 88.20  | -26.19 | 282  | 190  | Peak | Vertical |           |      |
| 2 * | 6955.00 | 97.17  | 102.85 | -5.68 | 88.20  | 8.97   | 282  | 190  | Peak | Vertical |           |      |
| 3   | 7188.42 | 62.05  | 67.50  | -5.45 | 88.20  | -26.15 | 282  | 190  | Peak | Vertical |           |      |

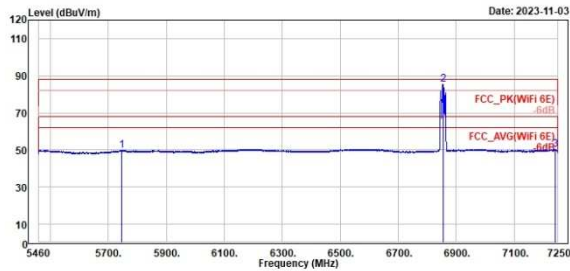
802.11ax HE20

CH181 (Horizontal) RMS

CH181 (Vertical) RMS



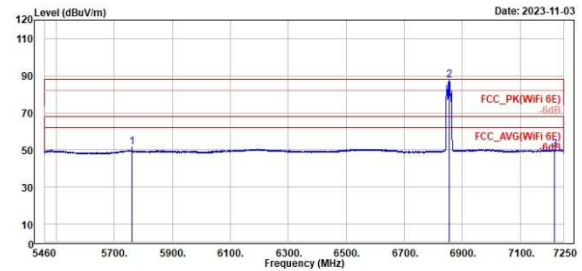
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |            |           |      |
| 1   | 5746.76 | 49.82  | 56.63 | -6.81 | 68.20  | -18.38 | 252  | 190  | RMS  | Horizontal |           |      |
| 2 * | 6855.00 | 85.52  | 91.20 | -5.68 | 68.20  | 17.32  | 252  | 190  | RMS  | Horizontal |           |      |
| 3   | 7240.69 | 50.12  | 55.45 | -5.33 | 68.20  | -18.08 | 252  | 190  | RMS  | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | cm   | deg  |      |          |           |      |
| 1   | 5700.00 | 51.38  | 58.16 | -6.78 | 68.20  | -16.82 | 282  | 190  | RMS  | Vertical |           |      |
| 2 * | 6855.00 | 87.72  | 93.40 | -5.68 | 68.20  | 19.52  | 282  | 190  | RMS  | Vertical |           |      |
| 3   | 7219.21 | 50.04  | 55.43 | -5.39 | 68.20  | -18.16 | 282  | 190  | RMS  | Vertical |           |      |

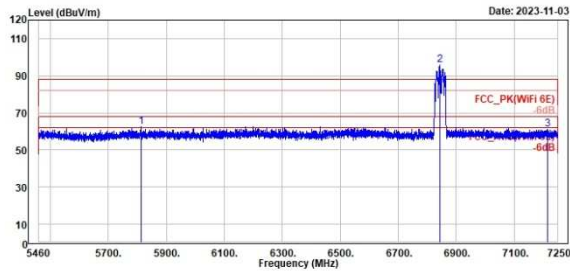
**802.11ax HE40**

**CH179 (Horizontal) Peak**

**CH179 (Vertical) Peak**



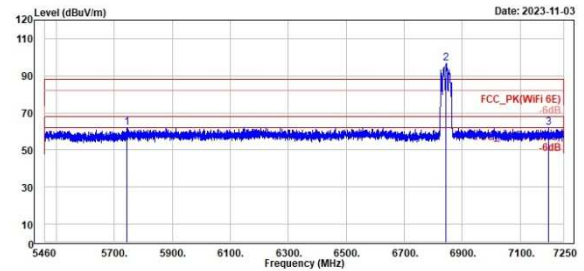
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5812.99 | 62.32 | 69.12  | -6.80  | 88.20 | -25.88 | 219  | 193  | Peak   | Horizontal |      |
| 2 *  | 6845.00 | 96.00 | 101.67 | -5.67  | 88.20 | 7.80   | 219  | 193  | Peak   | Horizontal |      |
| 3    | 7216.17 | 61.20 | 66.60  | -5.40  | 88.20 | -27.00 | 219  | 193  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5744.61 | 61.84 | 68.67  | -6.83  | 88.20 | -26.36 | 283  | 192  | Peak   | Vertical  |      |
| 2 *  | 6845.00 | 96.00 | 102.62 | -6.62  | 88.20 | 8.76   | 283  | 192  | Peak   | Vertical  |      |
| 3    | 7197.73 | 61.91 | 67.35  | -5.44  | 88.20 | -26.29 | 283  | 192  | Peak   | Vertical  |      |

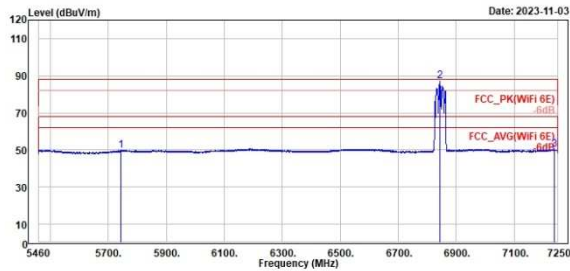
802.11ax HE40

CH179 (Horizontal) RMS

CH179 (Vertical) RMS



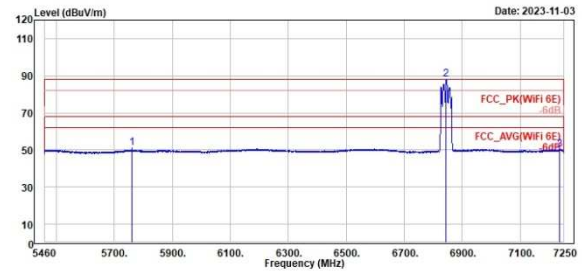
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Factor | Limit  | Over   | APos | TPos    | Remark     | Pol/Phase | Note |
|-----|---------|--------|-------|--------|--------|--------|------|---------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg     |            |           |      |
| 1   | 5742.82 | 49.85  | 56.78 | -6.85  | 68.20  | -18.35 | 219  | 193 RMS | Horizontal |           |      |
| 2 * | 6845.00 | 86.94  | 92.68 | -5.66  | 68.20  | 18.74  | 219  | 193 RMS | Horizontal |           |      |
| 3   | 7238.01 | 50.16  | 55.49 | -5.33  | 68.20  | -18.04 | 219  | 193 RMS | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Factor | Limit  | Over   | APos | TPos    | Remark   | Pol/Phase | Note |
|-----|---------|--------|-------|--------|--------|--------|------|---------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m   | dBuV/m | dB     | cm   | deg     |          |           |      |
| 1   | 5769.00 | 51.38  | 58.88 | -6.78  | 68.20  | -16.98 | 283  | 192 RMS | Vertical |           |      |
| 2 * | 6845.00 | 88.25  | 93.91 | -5.66  | 68.20  | 20.85  | 283  | 192 RMS | Vertical |           |      |
| 3   | 7236.04 | 50.09  | 55.43 | -5.34  | 68.20  | -18.11 | 283  | 192 RMS | Vertical |           |      |

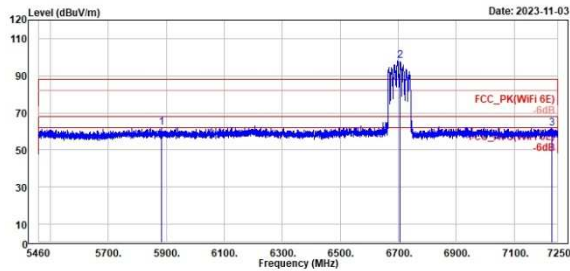
**802.11ax HE80**

**CH151 (Horizontal) Peak**

**CH151 (Vertical) Peak**



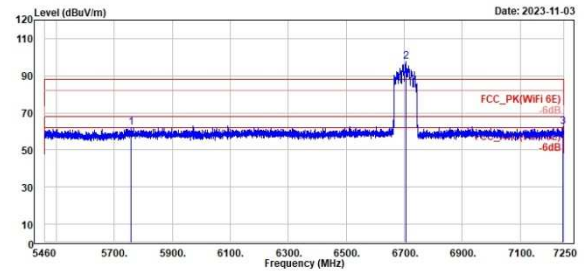
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark     | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|------------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |            |           |      |
| 1   | 5884.23 | 61.87  | 68.45  | -6.58 | 88.20  | -26.33 | 118  | 200  | Peak | Horizontal |           |      |
| 2 * | 6785.00 | 98.02  | 104.14 | -6.12 | 88.20  | 9.92   | 118  | 200  | Peak | Horizontal |           |      |
| 3   | 7238.49 | 61.78  | 67.14  | -5.36 | 88.20  | -26.42 | 118  | 200  | Peak | Horizontal |           |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5757.14 | 62.14  | 68.92  | -6.78 | 88.20  | -26.06 | 302  | 192  | Peak | Vertical |           |      |
| 2 * | 6785.00 | 97.75  | 103.86 | -6.11 | 88.20  | 9.55   | 302  | 192  | Peak | Vertical |           |      |
| 3   | 7246.42 | 62.40  | 67.72  | -5.32 | 88.20  | -25.80 | 302  | 192  | Peak | Vertical |           |      |

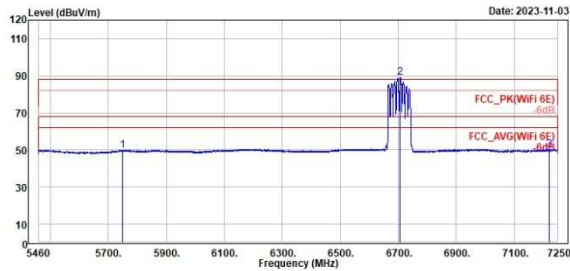
802.11ax HE80

CH151 (Horizontal) RMS

CH151 (Vertical) RMS



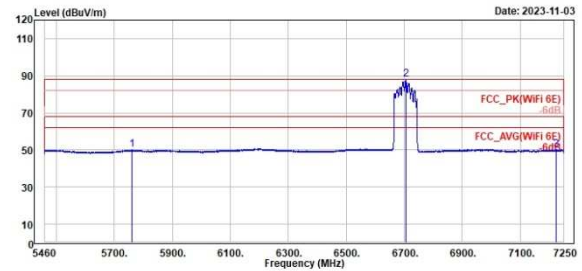
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5749.00 | 49.83 | 56.61 | -6.78  | 68.20 | -18.37 | 118  | 200  | RMS    | Horizontal |      |
| 2 *  | 6705.00 | 88.86 | 94.95 | -6.09  | 68.20 | 26.66  | 118  | 200  | RMS    | Horizontal |      |
| 3    | 7222.26 | 50.27 | 55.65 | -5.38  | 68.20 | -17.93 | 118  | 200  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5760.00 | 49.98 | 56.76 | -6.78  | 68.20 | -18.22 | 302  | 192  | RMS    | Vertical  |      |
| 2 *  | 6705.00 | 88.12 | 94.23 | -6.11  | 68.20 | 16.02  | 302  | 192  | RMS    | Vertical  |      |
| 3    | 7225.30 | 50.08 | 55.45 | -5.37  | 68.20 | -18.12 | 302  | 192  | RMS    | Vertical  |      |

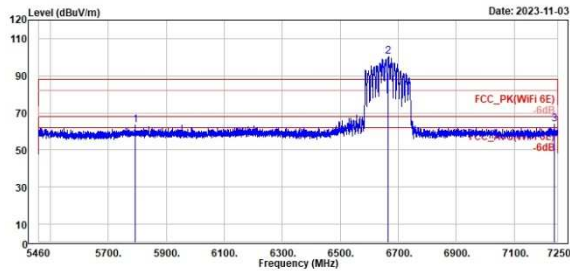
802.11ax HE160

CH143 (Horizontal) Peak

CH143 (Vertical) Peak



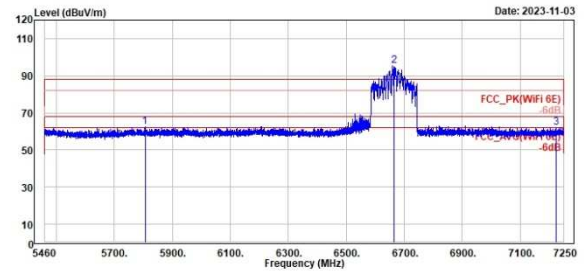
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read   | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|--------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV   | dB/m   | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5792.05 | 63.45  | 70.22  | -6.77  | 88.20 | -24.75 | 111  | 201  | Peak   | Horizontal |      |
| 2 *  | 6665.00 | 100.16 | 106.13 | -5.97  | 88.20 | 11.96  | 111  | 201  | Peak   | Horizontal |      |
| 3    | 7237.83 | 63.76  | 69.09  | -5.33  | 88.20 | -24.44 | 111  | 201  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5806.19 | 62.34 | 69.12  | -6.78  | 88.20 | -25.86 | 375  | 209  | Peak   | Vertical  |      |
| 2 *  | 6665.00 | 95.26 | 101.19 | -5.93  | 88.20 | 7.06   | 375  | 209  | Peak   | Vertical  |      |
| 3    | 7224.76 | 62.16 | 67.53  | -5.37  | 88.20 | -26.04 | 375  | 209  | Peak   | Vertical  |      |

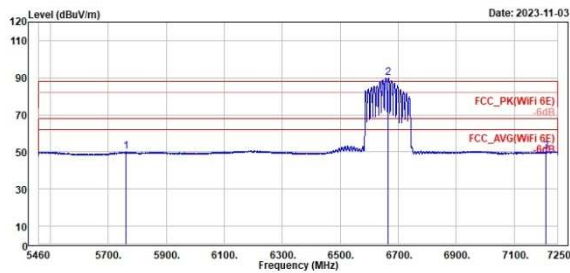
802.11ax HE160

CH143 (Horizontal) RMS

CH143 (Vertical) RMS



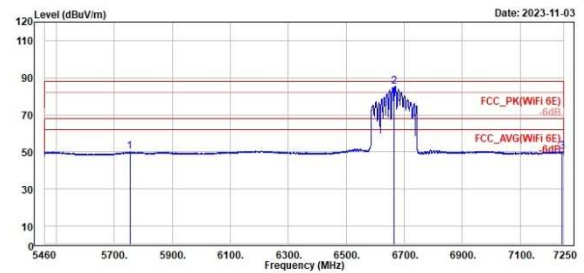
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5769.36 | 49.98 | 56.76 | -6.78  | 68.20 | -18.22 | 111  | 201  | RMS    | Horizontal |      |
| 2 *  | 6665.00 | 89.96 | 95.94 | -5.98  | 68.20 | 21.76  | 111  | 201  | RMS    | Horizontal |      |
| 3    | 7218.26 | 50.13 | 55.54 | -5.41  | 68.20 | -18.07 | 111  | 201  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



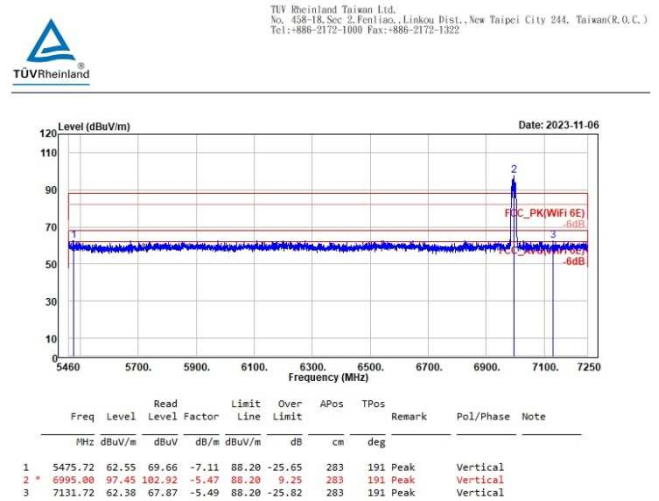
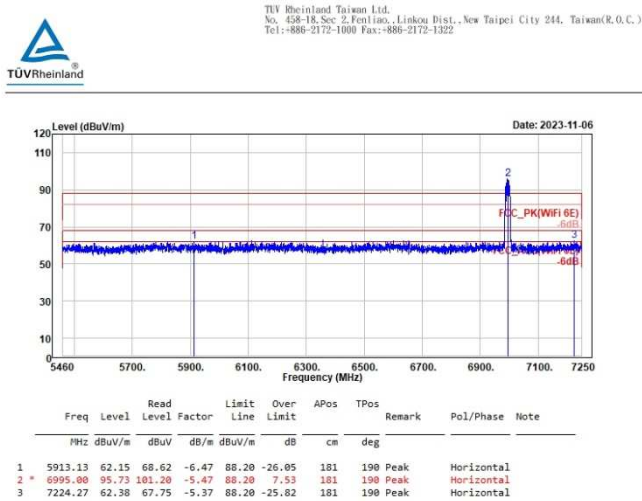
| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5753.56 | 49.99 | 56.77 | -6.78  | 68.20 | -18.21 | 375  | 209  | RMS    | Vertical  |      |
| 2 *  | 6665.00 | 85.43 | 91.41 | -5.98  | 68.20 | 17.23  | 375  | 209  | RMS    | Vertical  |      |
| 3    | 7245.70 | 50.00 | 55.32 | -5.32  | 68.20 | -18.20 | 375  | 209  | RMS    | Vertical  |      |

**U-NII 8**

**802.11a**

**CH209 (Horizontal) Peak**

**CH209 (Vertical) Peak**



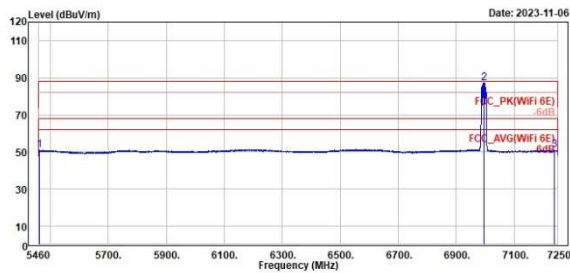
**802.11a**

**CH209 (Horizontal) RMS**

**CH209 (Vertical) RMS**



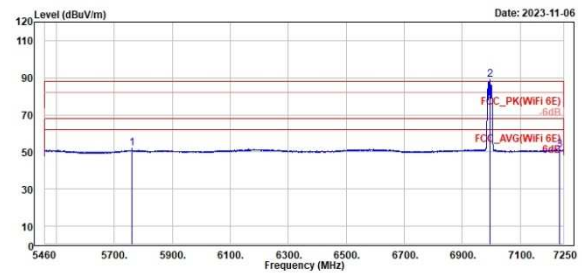
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |            |      |
| 1    | 5462.14 | 50.98 | 58.13 | -7.15  | 68.20 | -17.22 | 181  | 190  | RMS    | Horizontal |      |
| 2 *  | 6995.00 | 87.18 | 92.65 | -5.47  | 68.20 | 18.06  | 181  | 190  | RMS    | Horizontal |      |
| 3    | 7238.92 | 51.11 | 56.44 | -5.33  | 68.20 | -17.09 | 181  | 190  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m  | dBuV/m | dB    | cm     | deg  |      |        |           |      |
| 1    | 5759.82 | 51.95 | 58.73 | -6.78  | 68.20 | -16.25 | 283  | 191  | RMS    | Vertical  |      |
| 2 *  | 6995.00 | 88.93 | 94.40 | -5.47  | 68.20 | 20.73  | 283  | 191  | RMS    | Vertical  |      |
| 3    | 7237.49 | 51.21 | 56.55 | -5.34  | 68.20 | -16.99 | 283  | 191  | RMS    | Vertical  |      |

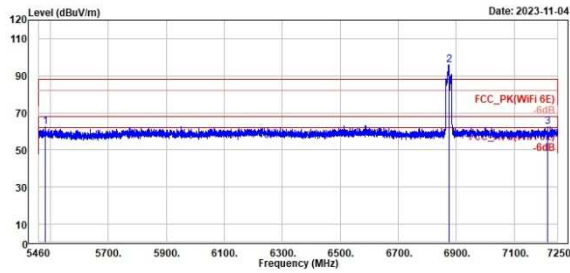
802.11ax HE20

CH185 (Horizontal) Peak

CH185 (Vertical) Peak



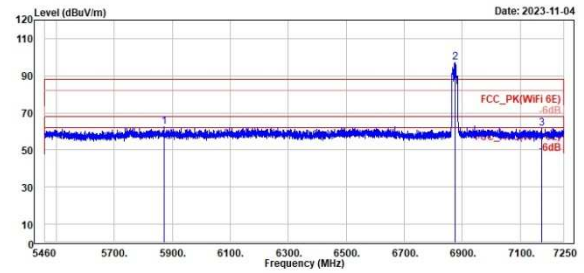
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase  | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|------------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |            |      |
| 1   | 5483.99 | 62.30  | 69.39  | -7.09 | 88.20  | -25.90 |      | 220  |      | 192 Peak | Horizontal |      |
| 2 * | 6875.00 | 95.00  | 101.55 | -5.75 | 88.20  | 7.60   |      | 220  |      | 192 Peak | Horizontal |      |
| 3   | 7215.10 | 62.54  | 67.94  | -5.40 | 88.20  | -25.66 |      | 220  |      | 192 Peak | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read   | Level | Factor | Limit  | Over | APos | TPos | Remark   | Pol/Phase | Note |
|-----|---------|--------|--------|-------|--------|--------|------|------|------|----------|-----------|------|
|     | MHz     | dBuV/m | dBuV   | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |          |           |      |
| 1   | 5870.98 | 62.32  | 69.00  | -6.68 | 88.20  | -25.88 |      | 291  |      | 193 Peak | Vertical  |      |
| 2 * | 6875.00 | 97.20  | 102.96 | -5.76 | 88.20  | 9.00   |      | 291  |      | 193 Peak | Vertical  |      |
| 3   | 7173.57 | 61.46  | 66.91  | -5.45 | 88.20  | -26.74 |      | 291  |      | 193 Peak | Vertical  |      |

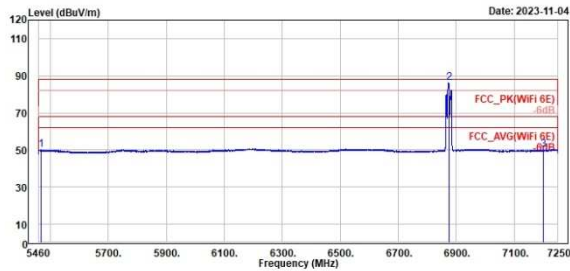
**802.11ax HE20**

**CH185 (Horizontal) RMS**

**CH185 (Vertical) RMS**



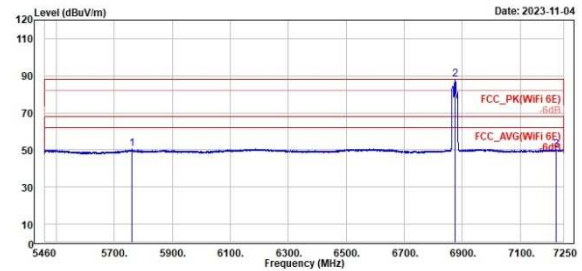
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase  | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|--------|------------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |        |            |      |
| 1   | 5469.49 | 50.05  | 57.17 | -7.12 | 68.20  | -18.15 |      | 220  | 192  | RMS    | Horizontal |      |
| 2 * | 6875.00 | 86.20  | 91.93 | -5.73 | 68.20  | 18.00  |      | 220  | 192  | RMS    | Horizontal |      |
| 3   | 7201.85 | 50.09  | 55.53 | -5.44 | 68.20  | -18.11 |      | 220  | 192  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|--------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |        |           |      |
| 1   | 5760.00 | 50.81  | 57.59 | -6.78 | 68.20  | -17.39 |      | 291  | 193  | RMS    | Vertical  |      |
| 2 * | 6875.00 | 87.00  | 93.73 | -6.73 | 68.20  | 19.78  |      | 291  | 193  | RMS    | Vertical  |      |
| 3   | 7223.87 | 50.01  | 55.38 | -5.37 | 68.20  | -18.19 |      | 291  | 193  | RMS    | Vertical  |      |

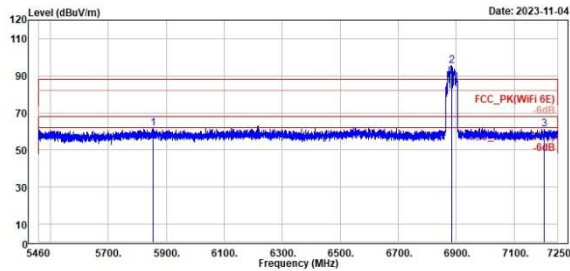
802.11ax HE40

CH187 (Horizontal) Peak

CH187 (Vertical) Peak



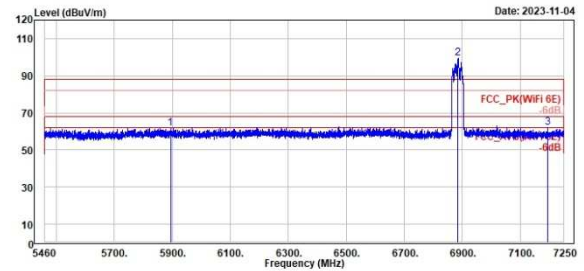
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase  | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|------------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |            |      |
| 1    | 5855.23 | 61.67 | 68.48  | -6.81  | 88.20 | -26.53 | 222  | 190  | Peak   | Horizontal |      |
| 2    | 6885.00 | 95.52 | 101.30 | -5.78  | 88.20 | 7.32   | 222  | 190  | Peak   | Horizontal |      |
| 3    | 7203.82 | 61.26 | 66.69  | -5.43  | 88.20 | -26.94 | 222  | 190  | Peak   | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Penliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



| Freq | Level   | Read  | Level  | Factor | Limit | Over   | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|--------|--------|-------|--------|------|------|--------|-----------|------|
| MHz  | dBuV/m  | dBuV  | dB/m   | dBuV/m | dB    | dB     | cm   | deg  |        |           |      |
| 1    | 5894.08 | 61.82 | 68.32  | -6.50  | 88.20 | -26.38 | 290  | 193  | Peak   | Vertical  |      |
| 2    | 6885.00 | 99.33 | 105.12 | -5.79  | 88.20 | 11.13  | 290  | 193  | Peak   | Vertical  |      |
| 3    | 7195.05 | 61.95 | 67.40  | -5.45  | 88.20 | -26.25 | 290  | 193  | Peak   | Vertical  |      |

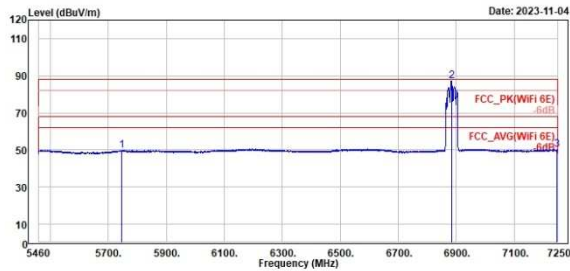
**802.11ax HE40**

**CH187 (Horizontal) RMS**

**CH187 (Vertical) RMS**



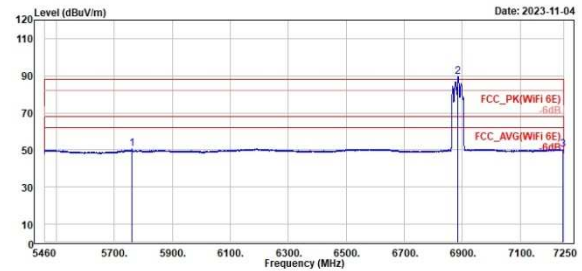
TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase  | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|--------|------------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |        |            |      |
| 1   | 5746.04 | 49.85  | 56.67 | -6.82 | 68.20  | -18.35 |      | 222  | 190  | RMS    | Horizontal |      |
| 2 * | 6885.00 | 87.16  | 92.94 | -5.78 | 68.20  | 18.96  |      | 222  | 190  | RMS    | Horizontal |      |
| 3   | 7247.67 | 50.02  | 55.32 | -5.30 | 68.20  | -18.18 |      | 222  | 190  | RMS    | Horizontal |      |



TÜV Rheinland Taiwan Ltd.  
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)  
Tel: +886-2172-1000 Fax: +886-2172-1322



|     | Freq    | Level  | Read  | Level | Factor | Limit  | Over | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|--------|-------|-------|--------|--------|------|------|------|--------|-----------|------|
|     | MHz     | dBuV/m | dBuV  | dB/m  | dBuV/m | dB     | dB   | cm   | deg  |        |           |      |
| 1   | 5760.00 | 50.42  | 57.20 | -6.78 | 68.20  | -17.78 |      | 290  | 193  | RMS    | Vertical  |      |
| 2 * | 6885.00 | 89.51  | 95.29 | -5.78 | 68.20  | 27.09  |      | 290  | 193  | RMS    | Vertical  |      |
| 3   | 7248.75 | 50.17  | 55.47 | -5.30 | 68.20  | -18.03 |      | 290  | 193  | RMS    | Vertical  |      |