

**FCC 47 CFR PART 15 SUBPART E**

**TEST REPORT**

*For*

**Intel BE200**

**MODEL NUMBER: BE200NGW**

**REPORT NUMBER: 4792146700.1-RF-7**

**ISSUE DATE: Mar 13, 2026**

**FCC ID: 2BSYS-A2515**

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## Revision History

| Rev. | Issue Date | Revisions     | Revised By |
|------|------------|---------------|------------|
| V0   | 3/13/2026  | Initial Issue |            |

### Summary of Test Results

| Test Item                                          | Clause                                               | Limit/Requirement                           | Result |
|----------------------------------------------------|------------------------------------------------------|---------------------------------------------|--------|
| On Time And Duty Cycle                             | ANSI C63.10-2020+Cor 1-2023, Clause 12.2             | None; for reporting purposes only.          | Pass   |
| 26dB Emission Bandwidth And 99% Occupied Bandwidth | KDB 789033 D02 v02r01 Section C.1                    | FCC Part 15.407 (a) (10)                    | Pass   |
| Conducted Output Power                             | KDB 789033 D02 v02r01 Section E.3.a (Method PM)      | FCC 15.407 (a)                              | Pass   |
| Power Spectral Density                             | KDB 789033 D02 v02r01 Section F                      | FCC 15.407 (a)                              | Pass   |
| In-Band Emissions (Mask)                           | KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01 J   | FCC 15.407 (b)                              | Pass   |
| Frequency Stability                                | ANSI C63.10-2020+Cor 1-2023, Clause 6.8              | FCC 15.407 (g)                              | Pass   |
| Contention-based Protocol                          | KDB 987594 D02 U-NII 6 GHz EMC Measurement v03       | FCC 15.407 (d) (6)                          | Pass   |
| Radiated Emissions And Band Edge Measurement       | KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6 | FCC 15.407 (b)<br>FCC 15.209<br>FCC 15.205  | Pass   |
| AC Power Line Conducted Emission                   | ANSI C63.10-2020+Cor 1-2023, Clause 6.2.             | FCC 15.207                                  | Pass   |
| Antenna Requirement                                | N/A                                                  | FCC 47 CFR Part 15.203/<br>15.407(a)(1) (2) | Pass   |

\*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

\*The measurement result for the sample received is <Pass> according to <FCC 47 CFR PART 15 SUBPART E

Note: The FCC Equipment code of the module has been changed from 6CD to 6XD base on RF module(FCC ID: 2BSYS-A2515 ). So evaluated the Radiated Spurious Emission, contention based protocol and output power items. For the test results of all other test items please refer to module test reports.

## CONTENTS

|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>1. ATTESTATION OF TEST RESULTS.....</b>                   | <b>5</b>  |
| <b>2. TEST METHODOLOGY.....</b>                              | <b>7</b>  |
| <b>3. FACILITIES AND ACCREDITATION.....</b>                  | <b>7</b>  |
| <b>4. CALIBRATION AND UNCERTAINTY .....</b>                  | <b>8</b>  |
| 4.1. <i>MEASURING INSTRUMENT CALIBRATION .....</i>           | <i>8</i>  |
| 4.2. <i>MEASUREMENT UNCERTAINTY .....</i>                    | <i>8</i>  |
| <b>5. EQUIPMENT UNDER TEST .....</b>                         | <b>9</b>  |
| 5.1. <i>DESCRIPTION OF EUT .....</i>                         | <i>9</i>  |
| 5.2. <i>CHANNEL LIST .....</i>                               | <i>9</i>  |
| 5.3. <i>MAXIMUM POWER .....</i>                              | <i>13</i> |
| 5.4. <i>TEST CHANNEL CONFIGURATION.....</i>                  | <i>14</i> |
| 5.5. <i>THE WORSE CASE POWER SETTING PARAMETER.....</i>      | <i>16</i> |
| 5.6. <i>DESCRIPTION OF AVAILABLE ANTENNAS .....</i>          | <i>17</i> |
| 5.7. <i>SUPPORT UNITS FOR SYSTEM TEST .....</i>              | <i>18</i> |
| <b>6. MEASURING EQUIPMENT AND SOFTWARE USED.....</b>         | <b>19</b> |
| <b>7. ANTENNA PORT TEST RESULTS .....</b>                    | <b>22</b> |
| 7.1. <i>CONDUCTED OUTPUT POWER .....</i>                     | <i>22</i> |
| 7.2. <i>POWER SPECTRAL DENSITY .....</i>                     | <i>25</i> |
| 7.3. <i>CONTENTION-BASED PROTOCOL .....</i>                  | <i>27</i> |
| <b>8. RADIATED TEST RESULTS.....</b>                         | <b>31</b> |
| 8.1. <i>RESTRICTED BANDEDGE .....</i>                        | <i>39</i> |
| 8.2. <i>SPURIOUS EMISSIONS(1 GHZ~40 GHZ) .....</i>           | <i>43</i> |
| 8.3. <i>SPURIOUS EMISSIONS(30 MHZ~1 GHZ) .....</i>           | <i>49</i> |
| <b>9. ANTENNA REQUIREMENT .....</b>                          | <b>51</b> |
| <b>10. TEST DATA.....</b>                                    | <b>52</b> |
| 10.1. <i>APPENDIX A: MAXIMUM CONDUCTED OUTPUT POWER.....</i> | <i>52</i> |
| 10.1.1. <i>Test Result-SU Mode.....</i>                      | <i>52</i> |
| 10.2. <i>APPENDIX B: CONTENTION BASED PROTOCOL .....</i>     | <i>54</i> |
| 10.2.1. <i>Test Result-SU Mode.....</i>                      | <i>54</i> |
| 10.2.2. <i>Test Graphs .....</i>                             | <i>56</i> |
| 10.3. <i>APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY.....</i> | <i>60</i> |
| 10.3.1. <i>Test Result-SU Mode.....</i>                      | <i>60</i> |

## 1. ATTESTATION OF TEST RESULTS

### Applicant Information

**Company Name:** Financial Future(Beijing) Information Technology Co., Ltd.  
**Address:** Room 12-01, 10th Floor, Building 38, Haidian Street, Haidian District, Beijing

### Manufacturer Information

**Company Name:** Financial Future(Beijing) Information Technology Co., Ltd.  
**Address:** Room 12-01, 10th Floor, Building 38, Haidian Street, Haidian District, Beijing

### EUT Information

**EUT Name:** Intel BE200  
**Model:** BE200NGW  
**Sample Received Date:** Feb 10, 2026  
**Sample Status:** Normal  
**Sample ID:** 9445241  
**Date of Tested:** Feb 10, 2026- Mar 13, 2026

| APPLICABLE STANDARDS         |              |
|------------------------------|--------------|
| STANDARD                     | TEST RESULTS |
| FCC 47 CFR PART 15 SUBPART E | Pass         |

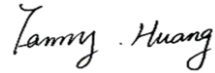
Prepared By:



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Johnson Liu  
Laboratory Engineer

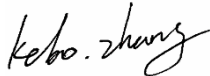
Checked By:



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Fanny Huang  
Project Engineer

Approved By:



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Kebo Zhang  
Operations Leader

## 2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR PART 15 SUBPART E , ANSI C63.10-2020+Cor 1-2023, FCC 47 CFR Part 2, FCC 47 CFR Part 15, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, KDB987594 D01 U-NII 6GHz General Requirements v03r01, KDB987594 D02 U-NII 6 GHz EMC Measurement v03.

## 3. FACILITIES AND ACCREDITATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accreditation Certificate | <p><b>A2LA (Certificate No.: 4102.01)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.</p> <p><b>ISED (Company No.: 21320)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p><b>VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793.<br/>Facility Name:<br/>Chamber E, the VCCI registration No. is G-20240 and R-20248<br/>Shielding Room F, the VCCI registration No. is C-20202 and T-20202</p> |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note 1:

All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:

The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:

For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

## 4. CALIBRATION AND UNCERTAINTY

### 4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

### 4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Test Item                                                                                                                                     | Uncertainty               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Conduction emission                                                                                                                           | 3.62 dB                   |
| Radiated Emission<br>(Included Fundamental Emission) (9 kHz ~ 30 MHz)                                                                         | 2.2 dB                    |
| Radiated Emission<br>(Included Fundamental Emission) (30 MHz ~ 1 GHz)                                                                         | 4.00 dB                   |
| Radiated Emission<br>(Included Fundamental Emission) (1 GHz to 40 GHz)                                                                        | 5.78 dB (1 GHz ~ 18 GHz)  |
|                                                                                                                                               | 5.23 dB (18 GHz ~ 26 GHz) |
|                                                                                                                                               | 5.37 dB (26 GHz ~ 40 GHz) |
| Duty Cycle                                                                                                                                    | ±0.028%                   |
| Emission Bandwidth and 99% Occupied Bandwidth                                                                                                 | ±0.0196%                  |
| Maximum Conducted Output Power                                                                                                                | ±0.766 dB                 |
| Maximum Power Spectral Density Level                                                                                                          | ±1.22 dB                  |
| Frequency Stability                                                                                                                           | ±2.76%                    |
| Dynamic Frequency Selection                                                                                                                   | ±1.01 dB                  |
| Conducted Band-edge Compliance                                                                                                                | ±1.328 dB                 |
| Conducted Unwanted Emissions In Non-restricted<br>Frequency Bands                                                                             | ±0.746 dB (9 kHz ~ 1 GHz) |
|                                                                                                                                               | ±1.328dB (1 GHz ~ 26 GHz) |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. |                           |

## 5. EQUIPMENT UNDER TEST

### 5.1. DESCRIPTION OF EUT

|                      |                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| EUT Name             | Intel BE200                                                                                                                                  |
| Model                | BE200NGW                                                                                                                                     |
| Operation Frequency: | UNII-5 Band: 5925MHz ~ 6425 MHz<br>UNII-6 Band: 6425MHz ~ 6525 MHz<br>UNII-7 Band: 6525MHz ~ 6875 MHz<br>UNII-8 Band: 6875MHz ~ 7125 MHz     |
| Type of Modulation:  | IEEE 802.11ax: OFDMA(1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK),<br>IEEE 802.11be: OFDMA(4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) |
| Radio Technology:    | IEEE802.11ax HE20/HE40/HE80/HE160, IEEE802.11be EHT20/EHT40/EHT80/EHT160/ EHT320                                                             |
| Normal Test Voltage: | DC 5V                                                                                                                                        |

### 5.2. CHANNEL LIST

| UNII-5 (For Bandwidth=20MHz) |                 |         |                 |         |                 |
|------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                      | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1                            | 5955            | 33      | 6115            | 65      | 6275            |
| 5*                           | 5975            | 37*     | 6135            | 69*     | 6295            |
| 9                            | 5995            | 41      | 6155            | 73      | 6315            |
| 13                           | 6015            | 45      | 6175            | 77      | 6335            |
| 17                           | 6035            | 49      | 6195            | 81      | 6355            |
| 21*                          | 6055            | 53*     | 6215            | 85*     | 6375            |
| 25                           | 6075            | 57      | 6235            | 89      | 6395            |
| 29                           | 6095            | 61      | 6255            | 93      | 6415            |

| UNII-6 (For Bandwidth=20 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 97                            | 6435            | 105     | 6475            | 113     | 6515            |
| 101*                          | 6455            | 109     | 6495            | /       | /               |

| UNII-7 (For Bandwidth=20 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 117*                          | 6535            | 141     | 6655            | 165*    | 6775            |
| 121                           | 6555            | 145     | 6675            | 169     | 6795            |
| 125                           | 6575            | 149*    | 6695            | 173     | 6815            |
| 129                           | 6595            | 153     | 6715            | 177     | 6835            |
| 133*                          | 6615            | 157     | 6735            | 181*    | 6855            |
| 137                           | 6635            | 161     | 6755            | 185     | 6875            |

| UNII-8 (For Bandwidth=20 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 189                           | 6895            | 205     | 6975            | 221     | 7055            |
| 193                           | 6915            | 209     | 6995            | 225     | 7075            |
| 197*                          | 6935            | 213*    | 7015            | 229*    | 7095            |
| 201                           | 6955            | 217     | 7035            | 233     | 7115            |

| UNII-5 (For Bandwidth=40MHz) |                 |         |                 |         |                 |
|------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                      | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 3                            | 5965            | 35      | 6125            | 67      | 6285            |
| 11                           | 6005            | 43      | 6165            | 75      | 6325            |
| 19                           | 6045            | 51      | 6205            | 83      | 6365            |
| 27                           | 6085            | 59      | 6245            | 91      | 6405            |

| UNII-6 (For Bandwidth=40 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 99                            | 6445            | 107     | 6485            | /       | /               |

| UNII-7 (For Bandwidth=40 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 115                           | 6525            | 139     | 6645            | 163     | 6765            |
| 123                           | 6605            | 147     | 6685            | 171     | 6805            |
| 131                           | 6645            | 155     | 6725            | 179     | 6845            |

| UNII-8 (For Bandwidth=40 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 187                           | 6885            | 203     | 6965            | 219     | 7045            |
| 195                           | 6925            | 211     | 7005            | 227     | 7085            |

| UNII-5 (For Bandwidth=80MHz) |                 |         |                 |         |                 |
|------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                      | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 7                            | 5985            | 39      | 6145            | 71      | 6305            |
| 23                           | 6065            | 55      | 6225            | 87      | 6385            |

| UNII-6 (For Bandwidth=80 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 103                           | 6465            | /       | /               | /       | /               |

| UNII-7 (For Bandwidth=80 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 119                           | 6545            | 151     | 6705            | 183     | 6865            |
| 135                           | 6625            | 167     | 6785            | /       | /               |

| UNII-8 (For Bandwidth=80 MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 199                           | 6945            | 215     | 7025            | /       | /               |

| UNII-5 (For Bandwidth=160MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 15                            | 6025            | 47      | 6185            | 79      | 6345            |

| UNII-6 (For Bandwidth=160MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 111                           | 6505 (Straddle) | /       | /               | /       | /               |

| UNII-7 (For Bandwidth=160MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 143                           | 6665            | 175     | 6825(Straddle)  | /       | /               |

| UNII-8 (For Bandwidth=160 MHz) |                 |         |                 |         |                 |
|--------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                        | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 207                            | 6985            | /       | /               | /       | /               |

| UNII-5 (For Bandwidth=320MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 31                            | 6105            | 63      | 6265            | 95      | 6425            |

| UNII-6 (For Bandwidth=320MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 127                           | 6585(Straddle)  | /       | /               | /       | /               |

| UNII-7 (For Bandwidth=320MHz) |                 |         |                 |         |                 |
|-------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                       | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 159                           | 6745            | /       | /               | /       | /               |

| UNII-8 (For Bandwidth=320 MHz) |                 |         |                 |         |                 |
|--------------------------------|-----------------|---------|-----------------|---------|-----------------|
| Channel                        | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 191                            | 6905            | /       | /               | /       | /               |

### 5.3. MAXIMUM POWER

| IEEE Std. 802.11 | Frequency (MHz) | Maximum Average Conducted Power (dBm) |
|------------------|-----------------|---------------------------------------|
| ax HE20          | 5925-7125       | 5.64                                  |
| ax HE40          |                 | 8.84                                  |
| ax HE80          |                 | 11.91                                 |
| ax HE160         |                 | 14.66                                 |
| be EHT320        |                 | 17.11                                 |

## 5.4. TEST CHANNEL CONFIGURATION

| UNII-5 Test Channel Configuration |                                                                   |                                 |
|-----------------------------------|-------------------------------------------------------------------|---------------------------------|
| IEEE Std.                         | Test Channel Number                                               | Frequency                       |
| 802.11ax<br>HE20                  | CH 1(Low Channel), CH 45(MID Channel),<br>CH 93(High Channel)     | 5955 MHz, 6175 MHz,<br>6415 MHz |
| 802.11ax<br>HE40                  | CH 3(Low Channel), CH 43(MID Channel),<br>CH 91(High Channel)     | 5965 MHz, 6165 MHz,<br>6405 MHz |
| 802.11ax<br>HE80                  | CH 7(Low Channel), CH 39(MID Channel),<br>CH 87(High Channel)     | 5985 MHz, 6145 MHz,<br>6385 MHz |
| 802.11ax<br>HE160                 | CH 15(Low Channel), CH 47(Middle Channel),<br>CH 79(High Channel) | 6025MHz, 6185 MHz, 6345<br>MHz  |
| 802.11be<br>EHT20                 | CH 1(Low Channel), CH 45(MID Channel),<br>CH 93(High Channel)     | 5955 MHz, 6175 MHz,<br>6415 MHz |
| 802.11be<br>EHT40                 | CH 3(Low Channel), CH 43(MID Channel),<br>CH 91(High Channel)     | 5965 MHz, 6165 MHz,<br>6405 MHz |
| 802.11be<br>EHT80                 | CH 7(Low Channel), CH 39(MID Channel),<br>CH 87(High Channel)     | 5985 MHz, 6145 MHz,<br>6385 MHz |
| 802.11be<br>EHT160                | CH 15(Low Channel), CH 47(Middle Channel),<br>CH 79(High Channel) | 6025MHz, 6185 MHz, 6345<br>MHz  |
| 802.11be<br>EHT320                | CH 31(Low Channel), CH 63(MID Channel),<br>CH 95(High Channel)    | 6105MHz, 6265 MHz, 6425<br>MHz  |

| UNII-6 Test Channel Configuration |                                                                  |                                 |
|-----------------------------------|------------------------------------------------------------------|---------------------------------|
| IEEE Std.                         | Test Channel Number                                              | Frequency                       |
| 802.11ax<br>HE20                  | CH 97(Low Channel), CH 105(MID Channel),<br>CH 113(High Channel) | 6435 MHz, 6475 MHz,<br>6515 MHz |
| 802.11ax<br>HE40                  | CH 99(Low Channel), CH 107(MID Channel),<br>CH 115(High Channel) | 6445 MHz, 6485 MHz,<br>6525 MHz |
| 802.11ax<br>HE80                  | CH 103(Low Channel)                                              | 6465 MHz                        |
| 802.11ax<br>HE160                 | CH 111(Low Channel)                                              | 6505 MHz                        |
| 802.11be<br>EHT20                 | CH 97(Low Channel), CH 105(MID Channel),<br>CH 113(High Channel) | 6435 MHz, 6475 MHz,<br>6515 MHz |
| 802.11be<br>EHT40                 | CH 99(Low Channel), CH 107(MID Channel),<br>CH 115(High Channel) | 6445 MHz, 6485 MHz,<br>6525 MHz |
| 802.11be<br>EHT80                 | CH 103(Low Channel)                                              | 6465 MHz                        |
| 802.11be<br>EHT160                | CH 111(Low Channel)                                              | 6505 MHz                        |
| 802.11be<br>EHT320                | CH127                                                            | 6585 MHz                        |

| UNII-7 Test Channel Configuration |                                                                   |                                 |
|-----------------------------------|-------------------------------------------------------------------|---------------------------------|
| IEEE Std.                         | Test Channel Number                                               | Frequency                       |
| 802.11ax<br>HE20                  | CH 117(Low Channel), CH 153(MID Channel),<br>CH 181(High Channel) | 6535 MHz, 6715 MHz,<br>6855 MHz |
| 802.11ax<br>HE40                  | CH 123(Low Channel), CH 155(MID Channel),<br>CH 179(High Channel) | 6565 MHz, 6725 MHz,<br>6845 MHz |

|                    |                                                                   |                                 |
|--------------------|-------------------------------------------------------------------|---------------------------------|
| 802.11ax<br>HE80   | CH 119(Low Channel), CH 151(MID Channel),<br>CH 167(High Channel) | 6545 MHz, 6705 MHz,<br>6785 MHz |
| 802.11ax<br>HE160  | CH 143(Low Channel),<br>CH 175(High Channel)                      | 6665 MHz, 6825 MHz              |
| 802.11be<br>EHT20  | CH 117(Low Channel), CH 153(MID Channel),<br>CH 181(High Channel) | 6535 MHz, 6715 MHz,<br>6855 MHz |
| 802.11be<br>EHT40  | CH 123(Low Channel), CH 155(MID Channel),<br>CH 179(High Channel) | 6565 MHz, 6725 MHz,<br>6845 MHz |
| 802.11be<br>EHT80  | CH 119(Low Channel), CH 151(MID Channel),<br>CH 167(High Channel) | 6545 MHz, 6705 MHz,<br>6785 MHz |
| 802.11be<br>EHT160 | CH 143(Low Channel),<br>CH 175(High Channel)                      | 6665 MHz, 6825 MHz              |
| 802.11be<br>EHT320 | CH159                                                             | 6745MHz                         |

| UNII-8 Test Channel Configuration |                                                                           |                                          |
|-----------------------------------|---------------------------------------------------------------------------|------------------------------------------|
| IEEE Std.                         | Test Channel Number                                                       | Frequency                                |
| 802.11ax<br>HE20                  | CH 185(Low Channel), CH 213(MID Channel),<br>CH 229 (High Channel), CH233 | 6895 MHz, 7015 MHz,<br>7095 MHz, 7115MHz |
| 802.11ax<br>HE40                  | CH 187(Low Channel), CH 211(MID Channel),<br>CH 227(High Channel)         | 6885 MHz, 7005 MHz,<br>7085 MHz          |
| 802.11ax<br>HE80                  | CH 183(Low Channel), CH 199(Low Channel),<br>CH 215(High Channel)         | 6865 MHz, 6945 MHz,<br>7025 MHz          |
| 802.11ax<br>HE160                 | CH 207(Low Channel)                                                       | 6985 MHz                                 |
| 802.11be<br>EHT20                 | CH 185(Low Channel), CH 213(MID Channel),<br>CH 229 (High Channel), CH233 | 6895 MHz, 7015 MHz,<br>7095 MHz, 7115MHz |
| 802.11be<br>EHT40                 | CH 187(Low Channel), CH 211(MID Channel),<br>CH 227(High Channel)         | 6885 MHz, 7005 MHz,<br>7085 MHz          |
| 802.11be<br>EHT80                 | CH 183(Low Channel), CH 199(Low Channel),<br>CH 215(High Channel)         | 6865 MHz, 6945 MHz,<br>7025 MHz          |
| 802.11be<br>EHT160                | CH 207(Low Channel)                                                       | 6985 MHz                                 |
| 802.11be<br>EHT320                | CH191                                                                     | 6905MHz                                  |

## 5.5. THE WORSE CASE POWER SETTING PARAMETER

| The Worst Case Power Setting Parameter |         |
|----------------------------------------|---------|
| Test Software                          | DRTU    |
| Power Setting                          | Default |

## WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

802.11ax HE20 mode: MCS0  
802.11ax HE40 mode: MCS0  
802.11ax HE80 mode: MCS0  
802.11ax HE160 mode: MCS0  
802.11be EHT20 mode: MCS0  
802.11be EHT40 mode: MCS0  
802.11be EHT80 mode: MCS0  
802.11be EHT160 mode: MCS0  
802.11be EHT320 mode: MCS0

802.11ax HE20/HE40/HE80/HE160/be EHT20/EHT40/EHT80/EHT160/EHT320 support SISO and MIMO mode.

Pre-scan has been done on all the possible configurations for searching the worst cases, only the worst-case mode data recorded in this report.

The measured additional path loss was included in any path loss calculations for all RF cables used during tested.

Conducted output power, power spectral density tests separately on each port with all supported SISO & MIMO port combinations.

## 5.6. DESCRIPTION OF AVAILABLE ANTENNAS

| Frequency Band | Antenna 1 Gain Max (dBi) | Antenna 1 Gain Min (dBi) | Antenna 2 Gain Max (dBi) | Antenna 2 Gain Min (dBi) | Antenna Type |
|----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------|
| UNII 5         | 5.02                     | -2.59                    | 5.02                     | -2.59                    | PIFA Antenna |
| UNII 6         | 5.02                     | -2.59                    | 5.02                     | -2.59                    |              |
| UNII 7         | 5.02                     | -2.59                    | 5.02                     | -2.59                    |              |
| UNII 8         | 5.02                     | -2.59                    | 5.02                     | -2.59                    |              |

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01

| IEE Std. 802.11                                                                                                      | Transmit and Receive Mode                    | Description                                                    |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 802.11ax HE20                                                                                                        | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11ax HE40                                                                                                        | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11ax HE80                                                                                                        | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11ax HE160                                                                                                       | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11be EHT20                                                                                                       | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11be EHT40                                                                                                       | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11be EHT80                                                                                                       | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11be EHT160                                                                                                      | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| 802.11be EHT320                                                                                                      | <input checked="" type="checkbox"/> 2TX, 2RX | ANT 1 and ANT 2 can be used as transmitting/receiving antenna. |
| Note: 1. The value of the antenna gain was declared by customers.<br>2. The antenna can not transmit simultaneously. |                                              |                                                                |

## 5.7. SUPPORT UNITS FOR SYSTEM TEST

### SUPPORT EQUIPMENT

| Item | Equipment | Brand Name | Model Name | Remark |
|------|-----------|------------|------------|--------|
| /    | /         | /          | /          | /      |

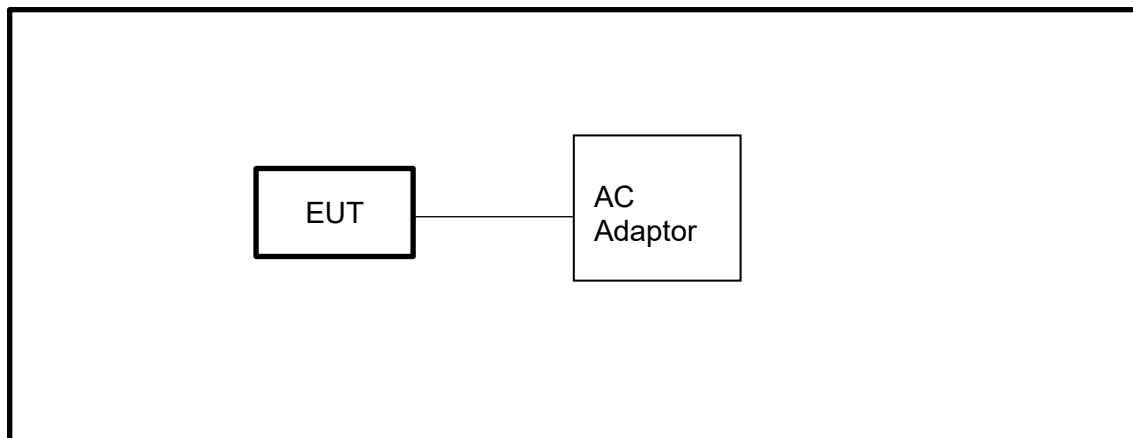
### I/O CABLES

| Cable No | Port | Connector Type | Cable Type | Cable Length(m) | Remarks |
|----------|------|----------------|------------|-----------------|---------|
| /        | /    | /              | /          | /               | /       |

### ACCESSORIES

| Item | Accessory | Brand Name | Model Name | Description |
|------|-----------|------------|------------|-------------|
| /    | /         | /          | /          | /           |

### SETUP DIAGRAM FOR TESTS



Note: AC Adaptor only use for AC POWER LINE CONDUCTED EMISSION test

## 6. MEASURING EQUIPMENT AND SOFTWARE USED

| R&S TS 8997 Test System        |              |                         |                  |              |              |
|--------------------------------|--------------|-------------------------|------------------|--------------|--------------|
| Equipment                      | Manufacturer | Model No.               | Serial No.       | Last Cal.    | Due. Date    |
| Power sensor, Power Meter      | R&S          | OSP120                  | 100921           | Dec.26,2025  | Dec.25,2026  |
| Vector Signal Generator        | R&S          | SMBV100A                | 261637           | Sep.12, 2025 | Sep.11, 2026 |
| Signal Generator               | R&S          | SMB100A                 | 178553           | Sep.12, 2025 | Sep.11, 2026 |
| Signal Analyzer                | R&S          | FSV40                   | 101118           | Sep.12, 2025 | Sep.11, 2026 |
| Software                       |              |                         |                  |              |              |
| Description                    |              | Manufacturer            |                  | Name         | Version      |
| For R&S TS 8997 Test System    |              | Rohde & Schwarz         |                  | EMC 32       | 10.60.10     |
| Tonsend RF Test System         |              |                         |                  |              |              |
| Equipment                      | Manufacturer | Model No.               | Serial No.       | Last Cal.    | Due. Date    |
| Wireless Connectivity Tester   | R&S          | CMW270                  | 1201.0002N75-102 | Sep.12, 2025 | Sep.11, 2026 |
| PXA Signal Analyzer            | Keysight     | N9030A                  | MY55410512       | Sep.12, 2025 | Sep.11, 2026 |
| MXG Vector Signal Generator    | Keysight     | N5182B                  | MY56200284       | Sep.12, 2025 | Sep.11, 2026 |
| MXG Vector Signal Generator    | Keysight     | N5172B                  | MY56200301       | Sep.12, 2025 | Sep.11, 2026 |
| DC power supply                | TSSTAKASAGO  | ZX-400L                 | 409150160137     | Sep.12, 2025 | Sep.11, 2026 |
| Temperature & Humidity Chamber | SANMOOD      | SG-80-CC-2              | 2088             | Sep.12, 2025 | Sep.11, 2026 |
| Attenuator                     | Aglient      | 8495B                   | 2814a12853       | Sep.12, 2025 | Sep.11, 2026 |
| RF Control Unit                | Tonscend     | JS0806-2                | 23B80620666      | Dec.26,2025  | Dec.25,2026  |
| Software                       |              |                         |                  |              |              |
| Description                    | Manufacturer | Name                    |                  |              | Version      |
| Tonsend SRD Test System        | Tonsend      | JS1120-3 RF Test System |                  |              | V3.2.22      |

| Conducted Emissions                   |              |           |              |              |              |
|---------------------------------------|--------------|-----------|--------------|--------------|--------------|
| Equipment                             | Manufacturer | Model No. | Serial No.   | Last Cal.    | Due Date     |
| EMI Test Receiver                     | R&S          | ESR3      | 101961       | Sep.12, 2025 | Sep.11, 2026 |
| Two-Line V-Network                    | R&S          | ENV216    | 101983       | Sep.12, 2025 | Sep.11, 2026 |
| Software                              |              |           |              |              |              |
| Description                           |              |           | Manufacturer | Name         | Version      |
| Test Software for Conducted Emissions |              |           | Farad        | EZ-EMC       | Ver. UL-3A1  |

| Radiated Emissions                   |              |              |               |               |              |
|--------------------------------------|--------------|--------------|---------------|---------------|--------------|
| Equipment                            | Manufacturer | Model No.    | Serial No.    | Last Cal.     | Due Date     |
| MXE EMI Receiver                     | KESIGHT      | N9038A       | MY56400036    | Sep.12, 2025  | Sep.11, 2026 |
| Hybrid Log Periodic Antenna          | TDK          | HLP-3003C    | 130960        | June 28, 2024 | June.27 2027 |
| Preamplifier                         | HP           | 8447D        | 2944A09099    | Sep.12, 2025  | Sep.11, 2026 |
| EMI Measurement Receiver             | R&S          | ESR26        | 101377        | Sep.12, 2025  | Sep.11, 2026 |
| Horn Antenna                         | TDK          | HRN-0118     | 130940        | Dec.10, 2024  | Dec.11, 2027 |
| Preamplifier                         | TDK          | PA-02-0118   | TRS-305-00067 | Sep.12, 2025  | Sep.11, 2026 |
| Horn Antenna                         | Schwarzbeck  | BBHA9170     | 697           | Jun 30, 2024  | Jun 29, 2027 |
| Preamplifier                         | TDK          | PA-02-2      | TRS-307-00003 | Sep.12, 2025  | Sep.11, 2026 |
| Preamplifier                         | TDK          | PA-02-3      | TRS-308-00002 | Sep.12, 2025  | Sep.11, 2026 |
| Loop antenna                         | Schwarzbeck  | 1519B        | 00008         | Dec.09, 2024  | Dec.08, 2027 |
| Highpass Filter                      | Xingbo       | XBLBQ-GTA68  | 211115-2-1    | Sep.12, 2025  | Sep.11, 2026 |
| Notch Filter (5905-6445 MHz)         | Xingbo       | XBLBQ-DZA175 | 210922-2-1    | Sep.12, 2025  | Sep.11, 2026 |
| Notch Filter (6425-6525 MHz)         | Xingbo       | XBLBQ-DZA176 | 210922-2-2    | Sep.12, 2025  | Sep.11, 2026 |
| Notch Filter (6825-7125 MHz)         | Xingbo       | XBLBQ-DZA177 | 210922-2-3    | Sep.12, 2025  | Sep.11, 2026 |
| Notch Filter (6525-6875 MHz)         | Xingbo       | XBLBQ-DZA178 | 210922-2-4    | Sep.12, 2025  | Sep.11, 2026 |
| Software                             |              |              |               |               |              |
| Description                          |              |              | Manufacturer  | Name          | Version      |
| Test Software for Radiated Emissions |              |              | Farad         | EZ-EMC        | Ver. UL-3A1  |

| Other Instrument           |              |           |            |              |              |
|----------------------------|--------------|-----------|------------|--------------|--------------|
| Equipment                  | Manufacturer | Model No. | Serial No. | Last Cal.    | Due Date     |
| Temperature humidity probe | OMEGA        | ITHX-SD-5 | 18470007   | Sep.16, 2025 | Sep.15, 2026 |
| Barometer                  | Yiyi         | Baro      | N/A        | Sep.19, 2025 | Sep.18, 2026 |
| Attenuator                 | Agilent      | 8495B     | 2814a12853 | Sep.12, 2025 | Sep.11, 2026 |

## 7. ANTENNA PORT TEST RESULTS

### 7.1. CONDUCTED OUTPUT POWER

#### LIMITS

| FCC 47 CFR Part15 Subpart E |                                                                                                                                                                                                                                                                                                                                  |                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Test Item                   | Limit                                                                                                                                                                                                                                                                                                                            | Frequency Range (MHz)              |
| Conducted Output Power      | <input type="checkbox"/> Standard Power Access Point<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. 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).                                        | 5.925-6.425 GHz<br>6.525-6.875 GHz |
|                             | <input type="checkbox"/> Indoor Access Point<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                                                                | 5.925-7.125 GHz                    |
|                             | <input type="checkbox"/> Subordinate Device<br>The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                                                                 | 5.925-7.125 GHz                    |
|                             | <input type="checkbox"/> 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. | 5.925-6.425 GHz<br>6.525-6.875 GHz |
|                             | <input checked="" type="checkbox"/> 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.                                                                                                                                   | 5.925-7.125 GHz                    |

**TEST PROCEDURE**

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

**Method SA-2 (trace averaging across ON and OFF times of the EUT transmissions, followed by duty cycle correction.):**

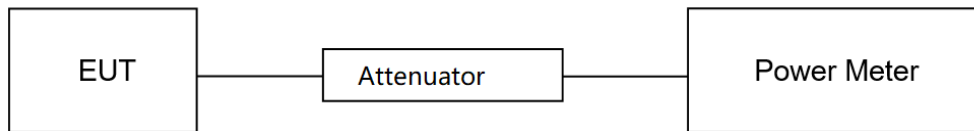
- (a) Measure the duty cycle D of the transmitter output signal.
- (b) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal.
- (c) Set RBW = 1 MHz.
- (d) Set VBW  $\geq$  3 MHz.
- (e) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ . (This gives bin-to-bin spacing  $\leq \text{RBW} / 2$ , so that narrowband signals are not lost between frequency bins.)
- (f) Sweep time = auto.
- (g) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (h) Do not use sweep triggering. Allow the sweep to “free run.”
- (i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
- (j) Compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument’s band power measurement function with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.
- (k) Add  $[10 \log (1 / D)]$ , where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add  $[10 \log (1 / 0.25)] = 6 \text{ dB}$  if the duty cycle is 25%.

**Method PM (Measurement using an RF average power meter):**

- (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
  - a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
  - b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
  - c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
- (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
- (iv) Adjust the measurement in dBm by adding  $10 \log (1/x)$  where x is the duty cycle (e.g.,  $10 \log (1/0.25)$  if the duty cycle is 25 %).

**Method PM-G (Measurement using a gated RF average power meter):**

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

**TEST SETUP****TEST ENVIRONMENT**

|                     |        |                   |       |
|---------------------|--------|-------------------|-------|
| Temperature         | 24.8℃  | Relative Humidity | 56.7% |
| Atmosphere Pressure | 101kPa | Test Voltage      | DC 5V |

**TEST DATE / ENGINEER**

|           |              |         |             |
|-----------|--------------|---------|-------------|
| Test Date | Feb 10, 2026 | Test By | Bairong Liu |
|-----------|--------------|---------|-------------|

**TEST RESULTS**

Please refer to section "Test Data" - Appendix A

## 7.2. POWER SPECTRAL DENSITY

### LIMITS

| FCC 47 CFR Part15 Subpart E |                                                                                                                                                                                                          |                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Test Item                   | Limit                                                                                                                                                                                                    | Frequency Range (MHz)              |
| Conducted Output Power      | <input type="checkbox"/> Standard Power Access Point<br>The maximum power spectral density must not exceed 23 dBm e.i.r.p. in any 1-megahertz band.                                                      | 5.925-6.425 GHz<br>6.525-6.875 GHz |
|                             | <input type="checkbox"/> Indoor Access Point<br>The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.                                                               | 5.925-7.125 GHz                    |
|                             | <input type="checkbox"/> Subordinate Device<br>The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.                                                                | 5.925-7.125 GHz                    |
|                             | <input type="checkbox"/> Client Devices, Operating Under The Control Of A Standard Power Access Point<br>The maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band.     | 5.925-6.425 GHz<br>6.525-6.875 GHz |
|                             | <input checked="" type="checkbox"/> Client Devices, Operating Under The Control Of An Indoor Access Point<br>The maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band. | 5.925-7.125 GHz                    |

**TEST PROCEDURE**

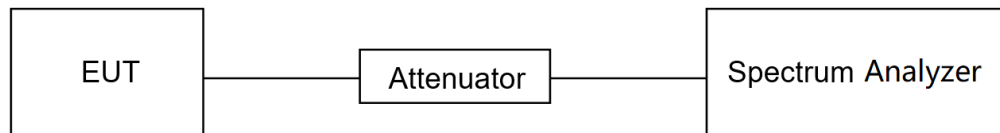
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

Connect the EUT to the spectrum analyzer and use the following settings:

|                  |                                                              |
|------------------|--------------------------------------------------------------|
| Center Frequency | The center frequency of the channel under test               |
| Detector         | RMS                                                          |
| RBW              | 1 MHz                                                        |
| VBW              | $\geq 3 \times \text{RBW}$                                   |
| Span             | Encompass the entire emissions bandwidth (EBW) of the signal |
| Trace            | Average                                                      |
| Sweep time       | Auto                                                         |

Allow trace to fully stabilize and use the peak search function on the instrument to find the peak of the spectrum and record its value.

Add  $10 \log(1/x)$ , where  $x$  is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz reference bandwidth.

**TEST SETUP****TEST ENVIRONMENT**

|                     |        |                   |       |
|---------------------|--------|-------------------|-------|
| Temperature         | 24.8°C | Relative Humidity | 56.7% |
| Atmosphere Pressure | 101kPa | Test Voltage      | DC 5V |

**TEST DATE / ENGINEER**

|           |              |         |             |
|-----------|--------------|---------|-------------|
| Test Date | Feb 10, 2026 | Test By | Bairong Liu |
|-----------|--------------|---------|-------------|

**TEST RESULTS**

Please refer to section "Test Data" - Appendix C

### 7.3. CONTENTION-BASED PROTOCOL

#### LIMITS

Please refer to FCC 47 CFR §15.407 (d) (6) and RSS-248 Issue 3 Clause 4.7

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)<sup>1</sup>. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

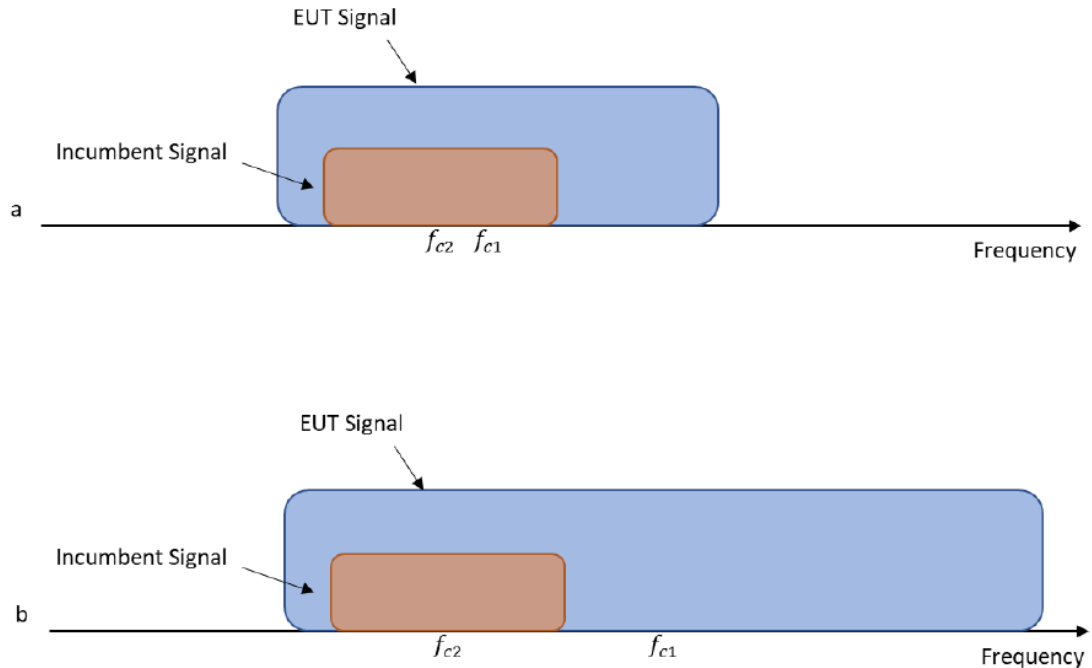
To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

#### a) Simulating Incumbent Signal

The incumbent signal is assumed to be noise-like. One example of such transmission could be Digital Video Broadcasting (DVB) systems that use Orthogonal Frequency Division Multiplexing (OFDM). Incumbent systems may also use different bandwidths for their transmissions. A 10 MHz-wide additive white Gaussian noise (AWGN) signal is selected to simulate and represent incumbent transmission.

#### b) Required number of tests

Incumbent and EUT (access point, subordinate or client) signals may occupy different portions of the channel. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz-wide AWGN signal), the center frequency of the EUT signal  $f_{fcc1}$  may fall within the incumbent's occupied bandwidth (Figure 1.a), or outside of it (Figure 1.b).



**Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it**

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency  $f_{cc2}$ ) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed;

**Table 1. Criteria to determine number of times detection threshold test may be performed**

| If                                    | Number of Tests                                              | Placement of Incumbent Transmission                                                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $BW_{EUT} \leq BW_{Inc}$              | Once                                                         | Tune incumbent and EUT transmissions ( $f_{c1} = f_{c2}$ )                                                                                                                                   |
| $BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$  | Once                                                         | Incumbent transmission is contained within $BW_{EUT}$                                                                                                                                        |
| $2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$ | Twice. Incumbent transmission is contained within $BW_{EUT}$ | Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel                                                                  |
| $BW_{EUT} > 4BW_{Inc}$                | Three times                                                  | Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel |

where:

$BW_{EUT}$ : Transmission bandwidth of EUT signal

$BW_{Inc}$ : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$f_{c1}$ : Center frequency of EUT transmission

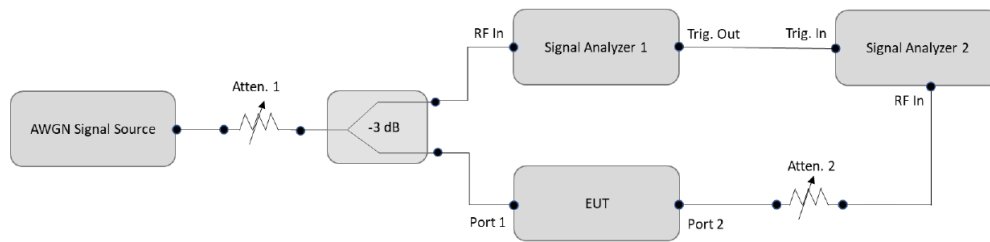
$f_{c2}$ : Center frequency of simulated incumbent signal

## **TEST PROCEDURE**

To ensure the EUT is capable of detecting co-channel energy, the first step is to configure the EUT to transmit with a constant duty cycle.<sup>2</sup> To simulate an incumbent signal, a signal generator (or similar source) that is capable of generating band-limited additive white Gaussian noise (AWGN) is required. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure 2) or a radiated method (Figure 3). Figure 2 shows the conducted test setup where a band-limited AWGN signal is generated at a very low power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased while the EUT transmission is monitored on a signal analyzer 2 to verify if the EUT can sense the AWGN signal and can subsequently cease its transmission. A triggered measurement, as shown in Figure 2, is optional, and assists with determining the time it takes the EUT to cease transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, then an AWGN signal source can be connected to the same antenna port.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

## TEST SETUP



## TEST ENVIRONMENT

|                     |        |                   |       |
|---------------------|--------|-------------------|-------|
| Temperature         | 22.9°C | Relative Humidity | 55.6% |
| Atmosphere Pressure | 101kPa | Test Voltage      | DC 5V |

## TEST DATE / ENGINEER

|           |              |         |             |
|-----------|--------------|---------|-------------|
| Test Date | Feb 13, 2026 | Test By | Johnson Liu |
|-----------|--------------|---------|-------------|

## TEST RESULTS

Please refer to section "Test Data" - Appendix B

## 8. RADIATED TEST RESULTS

### LIMITS

Refer to FCC 47 CFR §15.205, §15.209 and §15.407 (b) (6).

Refer to ISSED RSS-GEN Clause 8.9, Clause 8.10 and ISSED RSS-248 4.6.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

| Emissions radiated outside of the specified frequency bands above 30 MHz |                                    |                                      |         |
|--------------------------------------------------------------------------|------------------------------------|--------------------------------------|---------|
| Frequency Range (MHz)                                                    | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |         |
|                                                                          |                                    | Quasi-Peak                           |         |
| 30 - 88                                                                  | 100                                | 40                                   |         |
| 88 - 216                                                                 | 150                                | 43.5                                 |         |
| 216 - 960                                                                | 200                                | 46                                   |         |
| Above 960                                                                | 500                                | 54                                   |         |
| Above 1000                                                               | 500                                | Peak                                 | Average |
|                                                                          |                                    | 74                                   | 54      |

| FCC Emissions radiated outside of the specified frequency bands below 30 MHz |                                   |                               |
|------------------------------------------------------------------------------|-----------------------------------|-------------------------------|
| Frequency (MHz)                                                              | Field strength (microvolts/meter) | Measurement distance (meters) |
| 0.009-0.490                                                                  | 2400/F(kHz)                       | 300                           |
| 0.490-1.705                                                                  | 24000/F(kHz)                      | 30                            |
| 1.705-30.0                                                                   | 30                                | 30                            |

ISSED General field strength limits at frequencies below 30 MHz

| Table 6 – General field strength limits at frequencies below 30 MHz |                                          |                          |
|---------------------------------------------------------------------|------------------------------------------|--------------------------|
| Frequency                                                           | Magnetic field strength (H-Field) (μA/m) | Measurement distance (m) |
| 9 - 490 kHz <sup>Note 1</sup>                                       | 6.37/F (F in kHz)                        | 300                      |
| 490 - 1705 kHz                                                      | 63.7/F (F in kHz)                        | 30                       |
| 1.705 - 30 MHz                                                      | 0.08                                     | 30                       |

**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

ISED Restricted bands refer to ISED RSS-GEN Clause 8.10

| MHz                 | MHz                   | GHz           |
|---------------------|-----------------------|---------------|
| 0.090 - 0.110       | 149.9 - 150.05        | 9.0 - 9.2     |
| 0.495 - 0.505       | 156.52475 - 156.52525 | 9.3 - 9.5     |
| 2.1735 - 2.1905     | 156.7 - 156.9         | 10.6 - 12.7   |
| 3.020 - 3.026       | 162.0125 - 167.17     | 13.25 - 13.4  |
| 4.125 - 4.128       | 167.72 - 173.2        | 14.47 - 14.5  |
| 4.17725 - 4.17775   | 240 - 285             | 15.35 - 16.2  |
| 4.20725 - 4.20775   | 322 - 335.4           | 17.7 - 21.4   |
| 5.677 - 5.683       | 399.9 - 410           | 22.01 - 23.12 |
| 6.215 - 6.218       | 608 - 614             | 23.6 - 24.0   |
| 6.26775 - 6.26825   | 960 - 1427            | 31.2 - 31.8   |
| 6.31175 - 6.31225   | 1435 - 1626.5         | 36.43 - 36.5  |
| 8.291 - 8.294       | 1645.5 - 1646.5       | Above 38.6    |
| 8.362 - 8.366       | 1660 - 1710           |               |
| 8.37625 - 8.38675   | 1718.8 - 1722.2       |               |
| 8.41425 - 8.41475   | 2200 - 2300           |               |
| 12.29 - 12.293      | 2310 - 2390           |               |
| 12.51975 - 12.52025 | 2483.5 - 2500         |               |
| 12.57675 - 12.57725 | 2655 - 2900           |               |
| 13.36 - 13.41       | 3260 - 3267           |               |
| 16.42 - 16.423      | 3332 - 3339           |               |
| 16.69475 - 16.69525 | 3345.8 - 3358         |               |
| 16.80425 - 16.80475 | 3500 - 4400           |               |
| 25.5 - 25.67        | 4500 - 5150           |               |
| 37.5 - 38.25        | 5350 - 5460           |               |
| 73 - 74.6           | 7250 - 7750           |               |
| 74.8 - 75.2         | 8025 - 8500           |               |
| 108 - 138           |                       |               |

**Note 1:** Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

FCC Restricted bands of operation refer to FCC §15.205 (a):

| MHz                      | MHz                 | MHz           | GHz              |
|--------------------------|---------------------|---------------|------------------|
| 0.090-0.110              | 16.42-16.423        | 399.9-410     | 4.5-5.15         |
| <sup>1</sup> 0.495-0.505 | 16.69475-16.69525   | 608-614       | 5.35-5.46        |
| 2.1735-2.1905            | 16.80425-16.80475   | 960-1240      | 7.25-7.75        |
| 4.125-4.128              | 25.5-25.67          | 1300-1427     | 8.025-8.5        |
| 4.17725-4.17775          | 37.5-38.25          | 1435-1626.5   | 9.0-9.2          |
| 4.20725-4.20775          | 73-74.6             | 1645.5-1646.5 | 9.3-9.5          |
| 6.215-6.218              | 74.8-75.2           | 1660-1710     | 10.6-12.7        |
| 6.26775-6.26825          | 108-121.94          | 1718.8-1722.2 | 13.25-13.4       |
| 6.31175-6.31225          | 123-138             | 2200-2300     | 14.47-14.5       |
| 8.291-8.294              | 149.9-150.05        | 2310-2390     | 15.35-16.2       |
| 8.362-8.366              | 156.52475-156.52525 | 2483.5-2500   | 17.7-21.4        |
| 8.37625-8.38675          | 156.7-156.9         | 2690-2900     | 22.01-23.12      |
| 8.41425-8.41475          | 162.0125-167.17     | 3260-3267     | 23.6-24.0        |
| 12.29-12.293             | 167.72-173.2        | 3332-3339     | 31.2-31.8        |
| 12.51975-12.52025        | 240-285             | 3345.8-3358   | 36.43-36.5       |
| 12.57675-12.57725        | 322-335.4           | 3600-4400     | ( <sup>2</sup> ) |
| 13.36-13.41              |                     |               |                  |

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

<sup>2</sup>Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to FCC 47 CFR §15.407 (b) (6) and ISED RSS-247 4.6.

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.

### **TEST PROCEDURE**

Below 30 MHz

The setting of the spectrum analyzer

|       |                                                                  |
|-------|------------------------------------------------------------------|
| RBW   | 200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz) |
| VBW   | 200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz) |
| Sweep | Auto                                                             |

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of  $377\Omega$ . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

|          |          |
|----------|----------|
| RBW      | 120 kHz  |
| VBW      | 300 kHz  |
| Sweep    | Auto     |
| Detector | Peak/QP  |
| Trace    | Max hold |

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

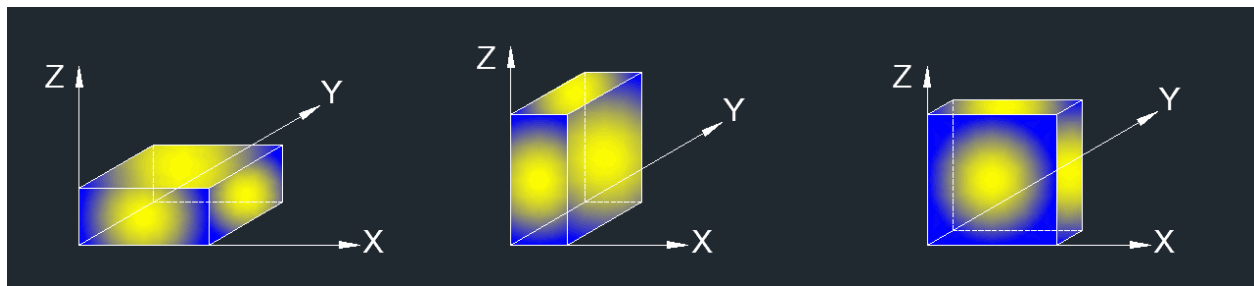
Above 1 GHz

The setting of the spectrum analyzer

|          |                                |
|----------|--------------------------------|
| RBW      | 1 MHz                          |
| VBW      | PEAK: 3 MHz<br>AVG: see note 6 |
| Sweep    | Auto                           |
| Detector | Peak                           |
| Trace    | Max hold                       |

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

For Restricted Bandedge:

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (9 kHz ~ 30 MHz):

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. All modes have been tested, but only the worst data was recorded in the report.
5.  $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}[120\pi] = \text{dBuV/m} - 51.5$

For Radiate Spurious Emission (30 MHz ~ 1 GHz):

Note:

1. Result Level = Read Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (1 GHz ~ 9 GHz):

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (9 GHz ~ 18 GHz):

Note:

1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (18 GHz ~ 26 GHz):

Note:

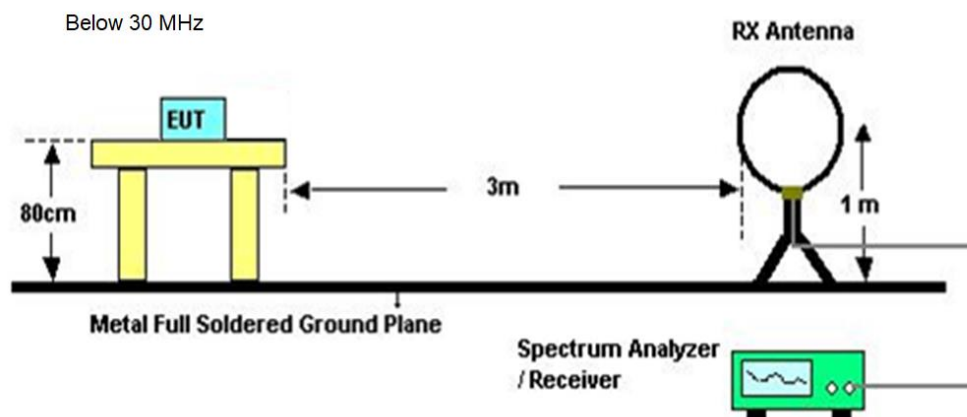
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (26 GHz ~ 40 GHz):

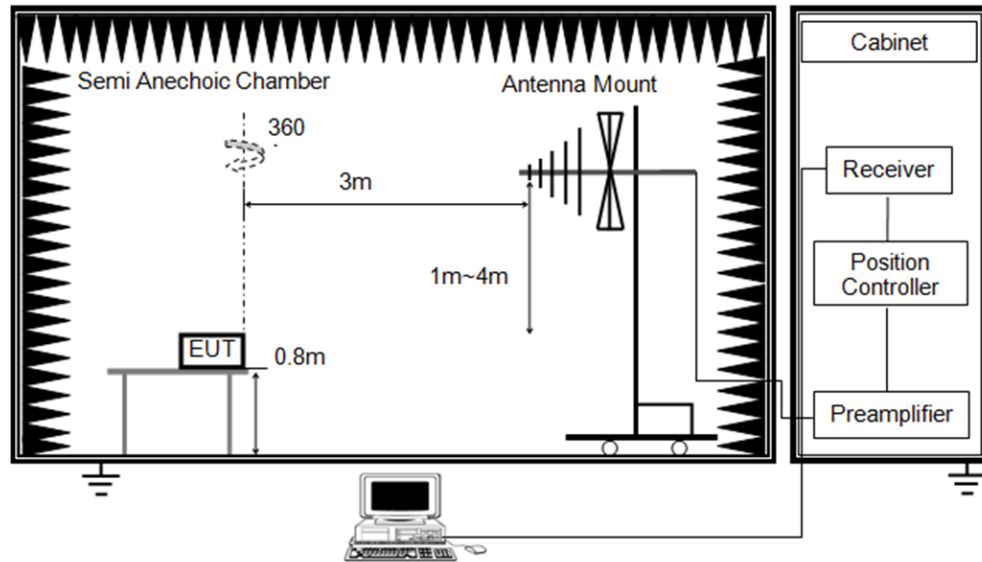
Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

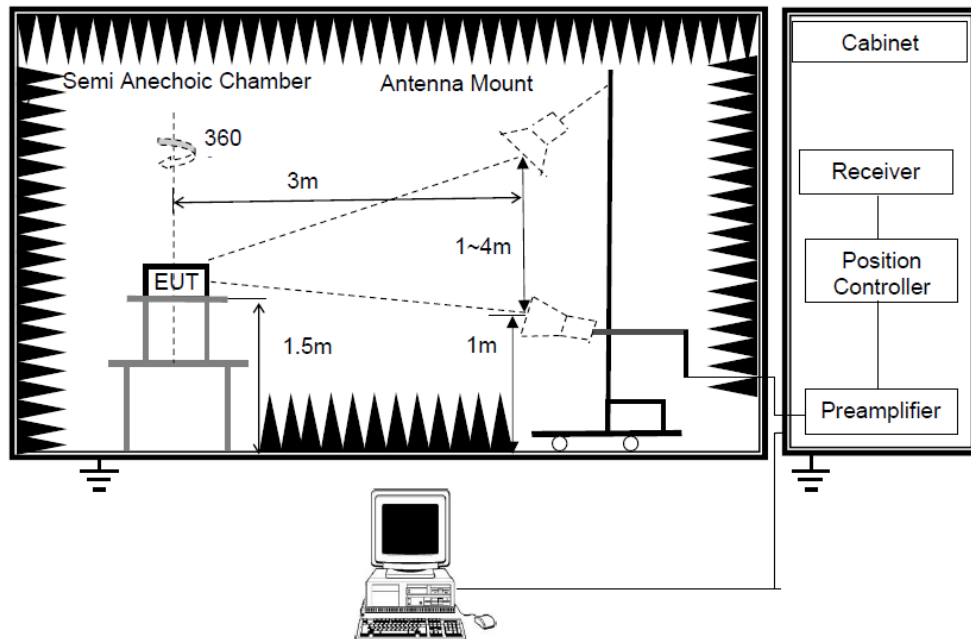
## **TEST SETUP**



Below 1 GHz and above 30 MHz



Above 1GHz



### **TEST ENVIRONMENT**

|                     |        |                   |       |
|---------------------|--------|-------------------|-------|
| Temperature         | 22.3℃  | Relative Humidity | 58.6% |
| Atmosphere Pressure | 101kPa | Test Voltage      | DC 5V |

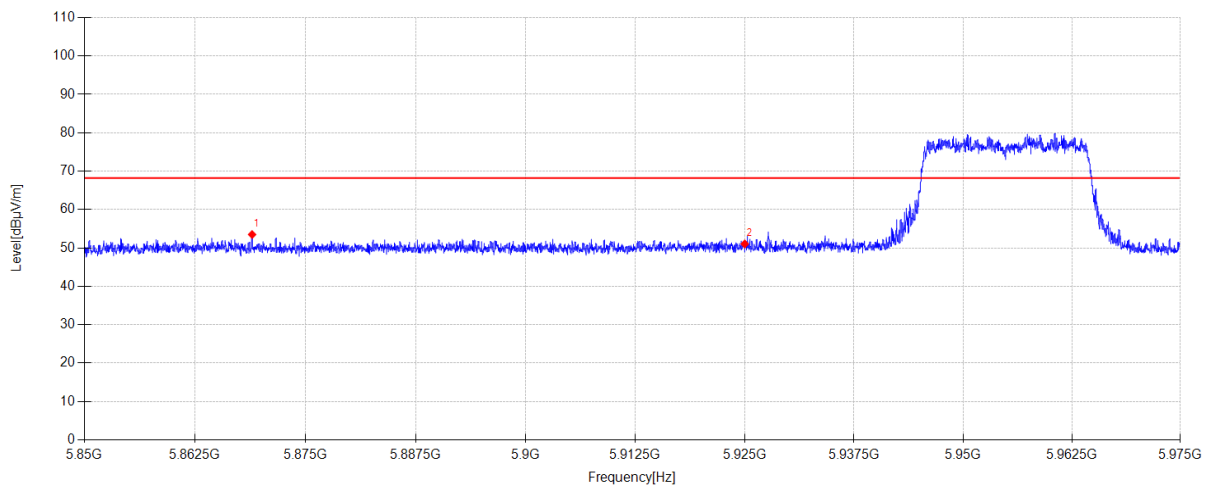
### **TEST DATE / ENGINEER**

|           |              |         |             |
|-----------|--------------|---------|-------------|
| Test Date | Feb 10, 2026 | Test By | Stipe Zheng |
|-----------|--------------|---------|-------------|

## TEST RESULTS

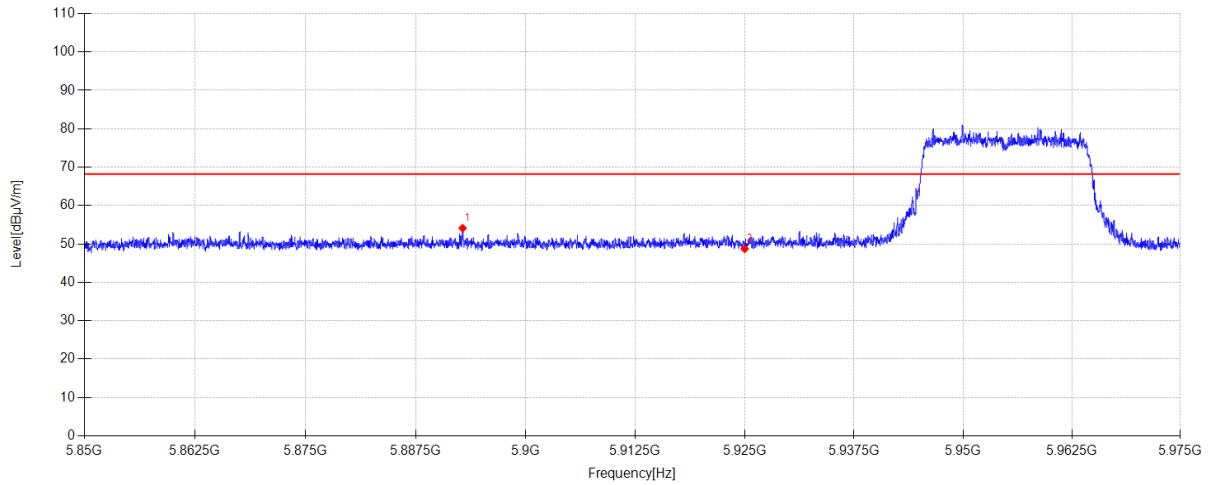
### 8.1. RESTRICTED BANDEDGE

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



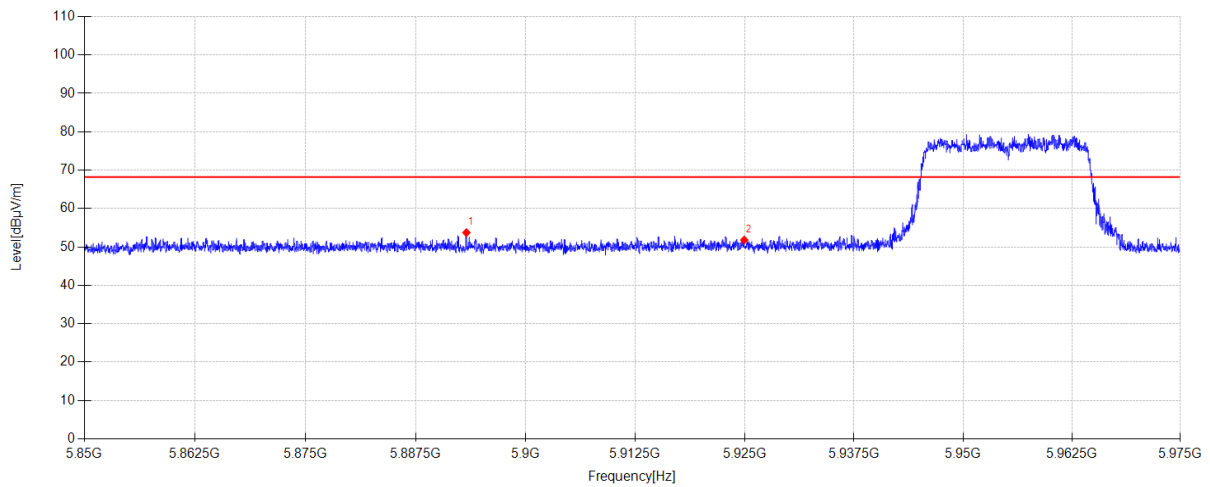
| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5868.963    | 43.68            | 34.05               | 5.39            | -29.63   | 53.49          | 68.20          | 14.71       | PK       | Horizontal |
| 2                   | 5925.000    | 40.88            | 34.35               | 5.42            | -29.62   | 51.03          | 68.20          | 17.17       | PK       | Horizontal |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |



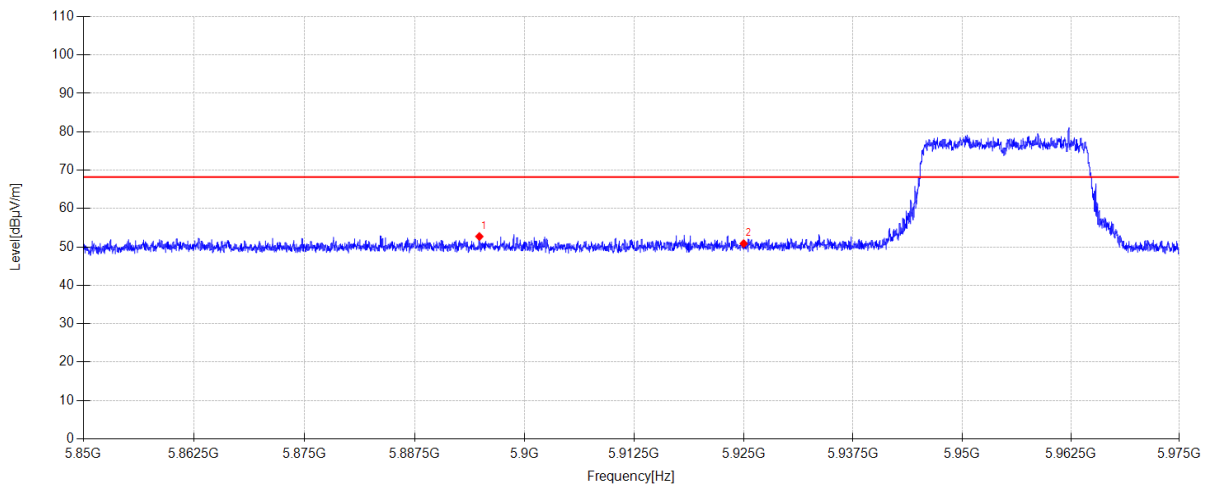
| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5892.838    | 44.07            | 34.24               | 5.41            | -29.62   | 54.10          | 68.20          | 14.10       | PK       | Vertical |
| 2                   | 5925.000    | 38.56            | 34.35               | 5.42            | -29.62   | 48.71          | 68.20          | 19.49       | PK       | Vertical |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 AX20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5893.275    | 43.69            | 34.25               | 5.41            | -29.62   | 53.73          | 68.20          | 14.47       | PK       | Horizontal |
| 2                   | 5924.950    | 41.65            | 34.35               | 5.42            | -29.62   | 51.80          | 68.20          | 16.40       | PK       | Horizontal |

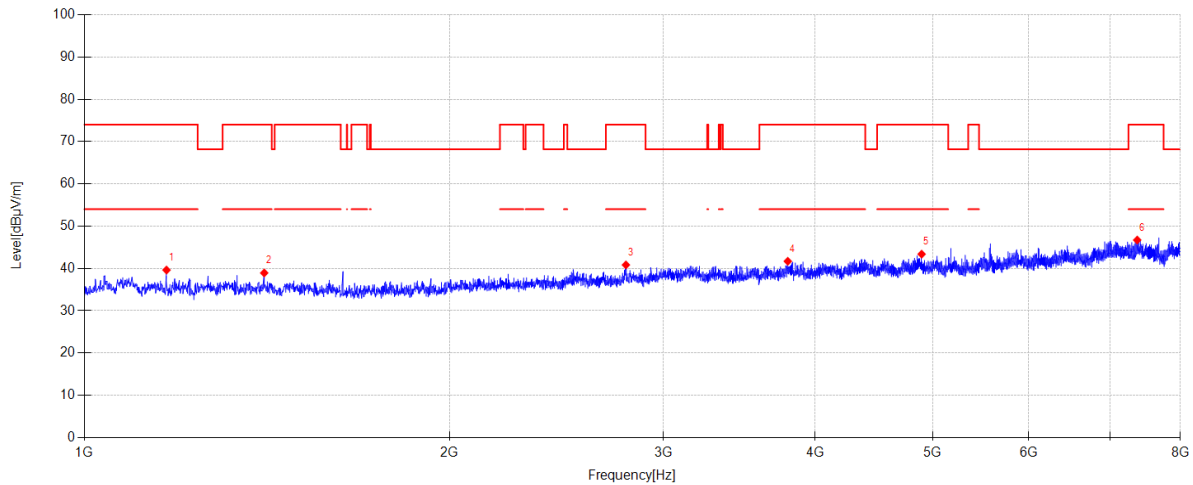
|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 AX20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5894.863    | 42.66            | 34.26               | 5.41            | -29.62   | 52.71          | 68.20          | 15.49       | PK       | Vertical |
| 2                   | 5925.000    | 40.71            | 34.35               | 5.42            | -29.62   | 50.86          | 68.20          | 17.34       | PK       | Vertical |

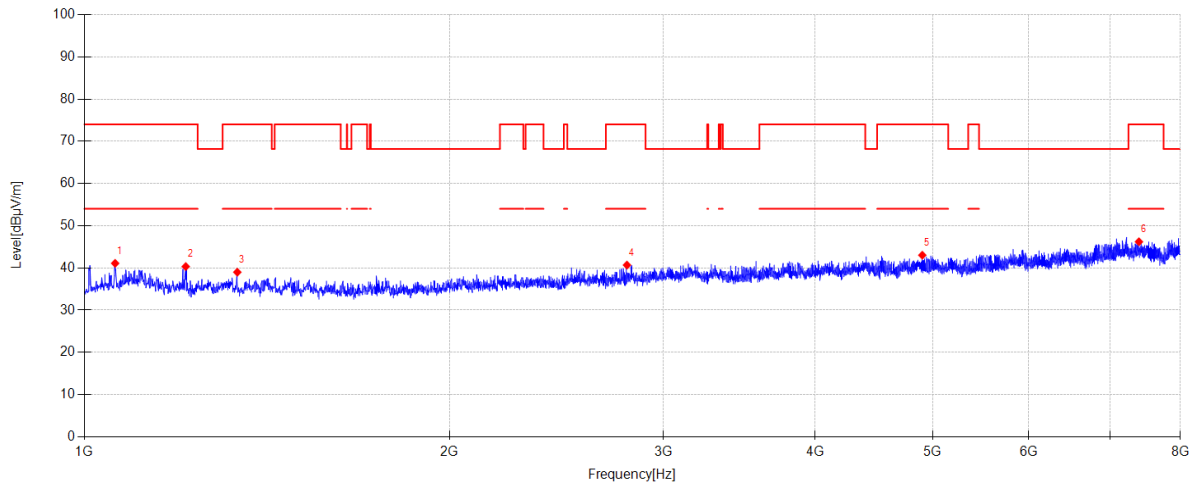
## 8.2. SPURIOUS EMISSIONS(1 GHZ~40 GHZ)

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



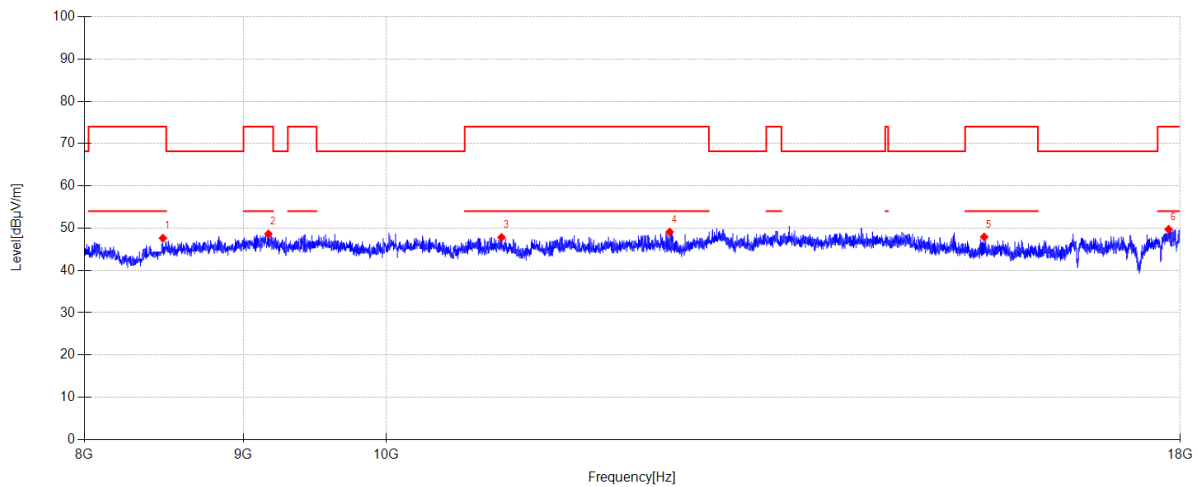
| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 1168.700    | 48.36            | 25.69               | 2.27            | -36.70   | 39.62          | 74.00          | 34.38       | PK       | Horizontal |
| 2                   | 1406.700    | 47.36            | 26.15               | 2.55            | -37.13   | 38.93          | 74.00          | 35.07       | PK       | Horizontal |
| 3                   | 2794.100    | 46.95            | 28.99               | 3.97            | -39.07   | 40.84          | 74.00          | 33.16       | PK       | Horizontal |
| 4                   | 3798.600    | 46.05            | 30.87               | 4.40            | -39.62   | 41.70          | 74.00          | 32.30       | PK       | Horizontal |
| 5                   | 4896.900    | 45.18            | 33.09               | 4.91            | -39.79   | 43.39          | 74.00          | 30.61       | PK       | Horizontal |
| 6                   | 7371.400    | 43.64            | 36.87               | 6.07            | -39.86   | 46.72          | 74.00          | 27.28       | PK       | Horizontal |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |



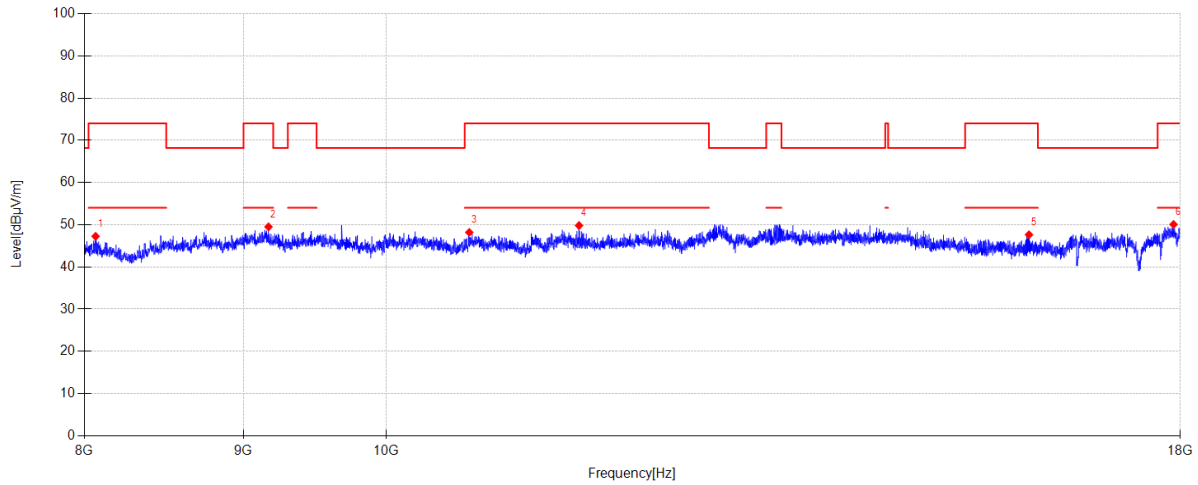
| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 1060.200    | 49.77            | 25.68               | 2.15            | -36.51   | 41.09          | 74.00          | 32.91       | PK       | Vertical |
| 2                   | 1212.100    | 49.27            | 25.52               | 2.32            | -36.78   | 40.33          | 74.00          | 33.67       | PK       | Vertical |
| 3                   | 1336.700    | 48.03            | 25.51               | 2.47            | -37.01   | 39.00          | 74.00          | 35.00       | PK       | Vertical |
| 4                   | 2799.700    | 46.70            | 29.09               | 3.97            | -39.08   | 40.68          | 74.00          | 33.32       | PK       | Vertical |
| 5                   | 4903.200    | 44.80            | 33.10               | 4.91            | -39.79   | 43.02          | 74.00          | 30.98       | PK       | Vertical |
| 6                   | 7395.900    | 43.26            | 36.72               | 6.08            | -39.86   | 46.20          | 74.00          | 27.80       | PK       | Vertical |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



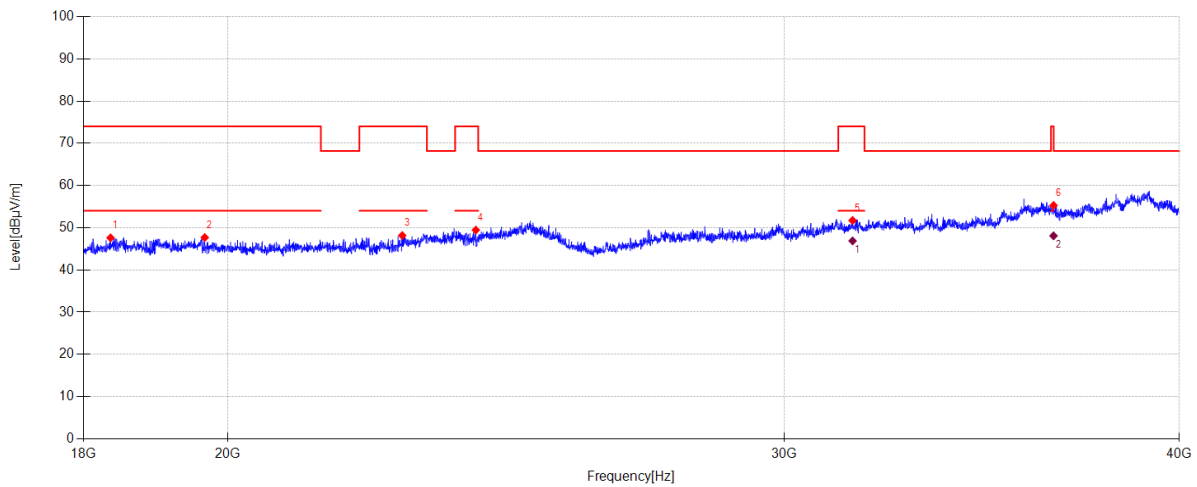
| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 8479.000    | 42.63            | 37.61               | 6.63            | -39.23   | 47.64          | 74.00          | 26.36       | PK       | Horizontal |
| 2                   | 9167.000    | 41.55            | 38.80               | 7.06            | -38.78   | 48.63          | 74.00          | 25.37       | PK       | Horizontal |
| 3                   | 10893.000   | 40.68            | 39.56               | 7.20            | -39.61   | 47.83          | 74.00          | 26.17       | PK       | Horizontal |
| 4                   | 12336.000   | 41.44            | 39.29               | 7.70            | -39.33   | 49.10          | 74.00          | 24.90       | PK       | Horizontal |
| 5                   | 15568.000   | 39.78            | 38.84               | 8.42            | -39.12   | 47.92          | 74.00          | 26.08       | PK       | Horizontal |
| 6                   | 17844.000   | 38.25            | 41.60               | 9.11            | -39.22   | 49.74          | 74.00          | 24.26       | PK       | Horizontal |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 8067.000    | 43.49            | 37.17               | 6.31            | -39.72   | 47.25          | 74.00          | 26.75       | PK       | Vertical |
| 2                   | 9168.000    | 42.45            | 38.78               | 7.06            | -38.78   | 49.51          | 74.00          | 24.49       | PK       | Vertical |
| 3                   | 10636.000   | 41.31            | 39.31               | 7.21            | -39.64   | 48.19          | 74.00          | 25.81       | PK       | Vertical |
| 4                   | 11536.000   | 43.20            | 38.73               | 7.48            | -39.60   | 49.81          | 74.00          | 24.19       | PK       | Vertical |
| 5                   | 16093.000   | 40.12            | 38.09               | 8.95            | -39.53   | 47.63          | 74.00          | 26.37       | PK       | Vertical |
| 6                   | 17910.000   | 38.10            | 42.13               | 9.09            | -39.26   | 50.06          | 74.00          | 23.94       | PK       | Vertical |

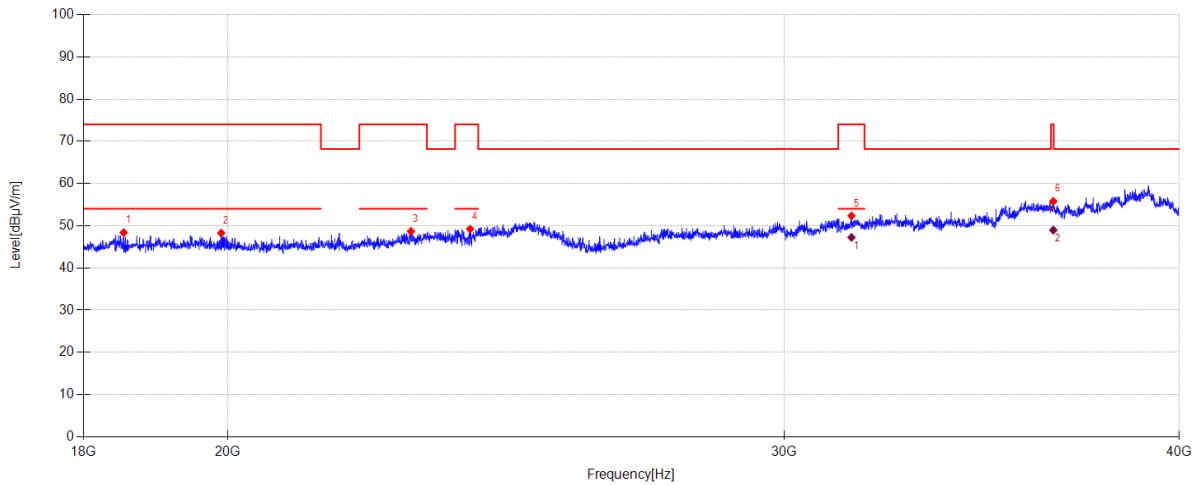
|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 18359.934   | 39.55            | 38.40               | 9.46            | -39.80   | 47.61          | 74.00          | 26.39       | PK       | Horizontal |
| 2                   | 19664.770   | 40.67            | 38.67               | 9.84            | -41.50   | 47.68          | 74.00          | 26.32       | PK       | Horizontal |
| 3                   | 22707.404   | 40.40            | 39.73               | 10.93           | -42.89   | 48.17          | 74.00          | 25.83       | PK       | Horizontal |
| 4                   | 23958.904   | 39.66            | 40.60               | 11.42           | -42.22   | 49.46          | 74.00          | 24.54       | PK       | Horizontal |
| 5                   | 31525.983   | 36.84            | 41.92               | 12.62           | -39.66   | 51.72          | 74.00          | 22.28       | PK       | Horizontal |
| 6                   | 36496.965   | 37.61            | 43.30               | 14.47           | -40.10   | 55.28          | 74.00          | 18.72       | PK       | Horizontal |

| Final Data List |             |                  |                     |                 |                |                |             |          |            |  |
|-----------------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|--|
| NO              | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |  |
| 1               | 31525.983   | 32.00            | 41.92               | 12.62           | 46.88          | 54.00          | 7.12        | AV       | Horizontal |  |
| 2               | 36496.965   | 30.41            | 43.30               | 14.47           | 48.08          | 54.00          | 5.92        | AV       | Horizontal |  |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |

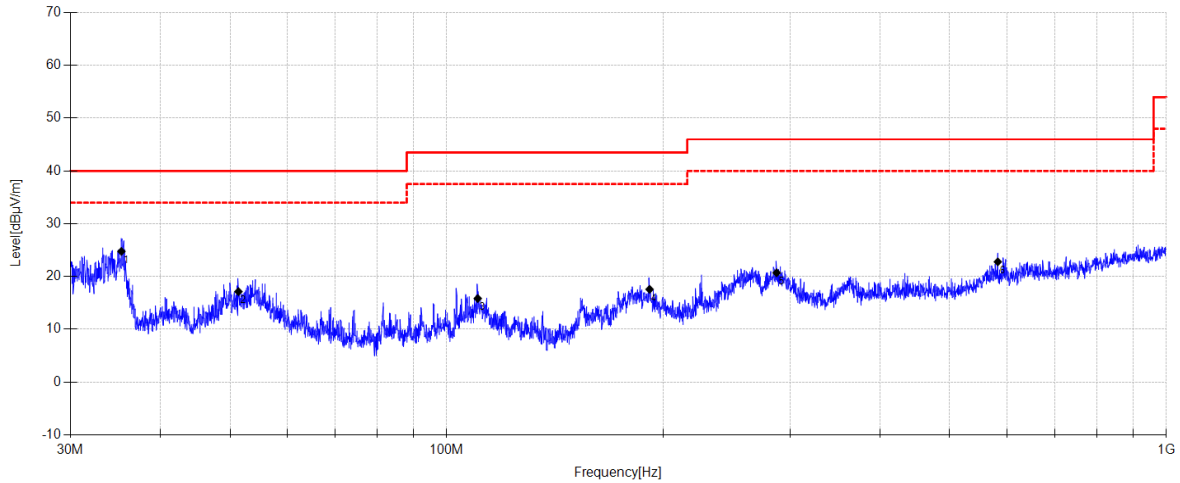


| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO                  | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 18536.671   | 40.41            | 38.41               | 9.54            | -39.99   | 48.37          | 74.00          | 25.63       | PK       | Vertical |
| 2                   | 19901.676   | 41.61            | 38.64               | 9.86            | -41.85   | 48.26          | 74.00          | 25.74       | PK       | Vertical |
| 3                   | 22852.895   | 40.51            | 40.05               | 10.96           | -42.84   | 48.68          | 74.00          | 25.32       | PK       | Vertical |
| 4                   | 23859.647   | 39.51            | 40.60               | 11.38           | -42.28   | 49.21          | 74.00          | 24.79       | PK       | Vertical |
| 5                   | 31500.825   | 37.49            | 41.90               | 12.61           | -39.65   | 52.35          | 74.00          | 21.65       | PK       | Vertical |
| 6                   | 36491.138   | 38.10            | 43.30               | 14.47           | -40.09   | 55.78          | 74.00          | 18.22       | PK       | Vertical |

| Final Data List |             |                  |                     |                 |                |                |             |          |          |
|-----------------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|
| NO              | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1               | 31500.825   | 32.37            | 41.90               | 12.61           | 47.23          | 54.00          | 6.77        | AV       | Vertical |
| 2               | 36491.138   | 31.28            | 43.30               | 14.47           | 48.96          | 54.00          | 5.04        | AV       | Vertical |

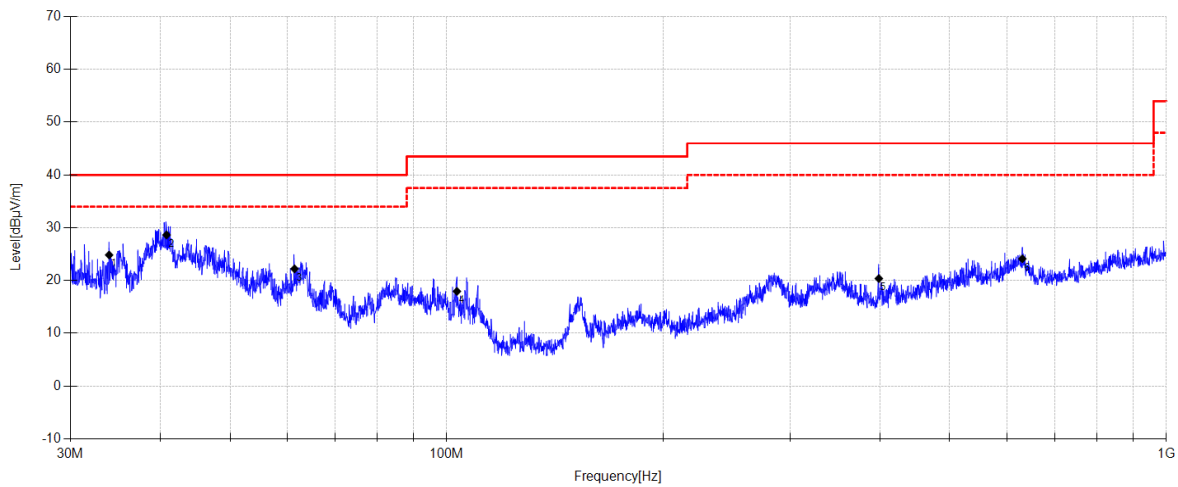
### 8.3. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Horizontal       | Test Voltage:   | DC 5V |



| Final Data List |             |                  |                     |                 |                 |                |             |          |            |
|-----------------|-------------|------------------|---------------------|-----------------|-----------------|----------------|-------------|----------|------------|
| NO.             | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable Loss [dB] | Result [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1               | 35.324      | 41.71            | 11.49               | 3.85            | 24.75           | 40.00          | 15.25       | QP       | Horizontal |
| 2               | 51.367      | 32.38            | 13.07               | 3.99            | 17.14           | 40.00          | 22.86       | QP       | Horizontal |
| 3               | 110.462     | 31.88            | 11.90               | 4.36            | 15.83           | 43.50          | 27.67       | QP       | Horizontal |
| 4               | 191.405     | 35.25            | 9.88                | 4.83            | 17.57           | 43.50          | 25.93       | QP       | Horizontal |
| 5               | 287.457     | 34.77            | 13.10               | 5.23            | 20.70           | 46.00          | 25.30       | QP       | Horizontal |
| 6               | 583.214     | 30.54            | 18.71               | 6.34            | 22.78           | 46.00          | 23.22       | QP       | Horizontal |

|            |                  |                 |       |
|------------|------------------|-----------------|-------|
| Test Mode: | 802.11 BE20 MIMO | Frequency(MHz): | 5955  |
| Polarity:  | Vertical         | Test Voltage:   | DC 5V |



#### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable Loss [dB] | Result [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|---------------------|-----------------|-----------------|----------------|-------------|----------|----------|
| 1   | 33.964      | 42               | 11.29               | 3.84            | 24.83           | 40.00          | 15.17       | QP       | Vertical |
| 2   | 40.813      | 44.42            | 12.59               | 3.92            | 28.63           | 40.00          | 11.37       | QP       | Vertical |
| 3   | 61.467      | 37.94            | 12.49               | 4.08            | 22.21           | 40.00          | 17.79       | QP       | Vertical |
| 4   | 103.344     | 35.06            | 10.86               | 4.32            | 17.94           | 43.50          | 25.56       | QP       | Vertical |
| 5   | 398.544     | 31.82            | 15.35               | 5.70            | 20.37           | 46.00          | 25.63       | QP       | Vertical |
| 6   | 630.861     | 31.8             | 18.77               | 6.47            | 24.11           | 46.00          | 21.89       | QP       | Vertical |

## 9. ANTENNA REQUIREMENT

### REQUIREMENT

Please refer to FCC part 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### DESCRIPTION

Pass

## 10. TEST DATA

### 10.1. APPENDIX A: MAXIMUM CONDUCTED OUTPUT POWER

#### 10.1.1. Test Result-SU Mode

| Test Mode    | Antenna | Frequency [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | Verdict |
|--------------|---------|-----------------|--------------|-------------|------------|------------|------------------|---------|
| 11AX20 MIMO  | Ant1    | 5955            | 3.06         | ≤25.79      | 5.02       | 8.08       | ≤24.00           | PASS    |
|              | Ant2    | 5955            | 2.14         | ≤25.13      | 5.02       | 7.16       | ≤24.00           | PASS    |
|              | total   | 5955            | 5.63         | ≤25.13      | 5.02       | 10.65      | ≤24.00           | PASS    |
| 11AX20 SISO  | Ant1    | 5955            | 5.47         | ≤25.79      | 5.02       | 10.49      | ≤24.00           | PASS    |
|              | Ant2    | 5955            | 5.64         | ≤25.13      | 5.02       | 10.66      | ≤24.00           | PASS    |
| 11AX40 MIMO  | Ant1    | 7085            | 5.79         | ≤25.79      | 5.02       | 10.81      | ≤24.00           | PASS    |
|              | Ant2    | 7085            | 5.85         | ≤25.13      | 5.02       | 10.87      | ≤24.00           | PASS    |
|              | total   | 7085            | 8.83         | ≤25.13      | 5.02       | 13.85      | ≤24.00           | PASS    |
| 11AX40 SISO  | Ant1    | 7085            | 8.55         | ≤25.79      | 5.02       | 13.57      | ≤24.00           | PASS    |
|              | Ant2    | 7085            | 8.94         | ≤25.13      | 5.02       | 13.96      | ≤24.00           | PASS    |
| 11AX80MIMO   | Ant1    | 6945            | 8.75         | ≤25.79      | 5.02       | 13.77      | ≤24.00           | PASS    |
|              | Ant2    | 6945            | 9.01         | ≤25.13      | 5.02       | 14.03      | ≤24.00           | PASS    |
|              | total   | 6945            | 11.89        | ≤25.13      | 5.02       | 16.91      | ≤24.00           | PASS    |
| 11AX80 SISO  | Ant1    | 6945            | 11.74        | ≤25.79      | 5.02       | 16.76      | ≤24.00           | PASS    |
|              | Ant2    | 6945            | 11.91        | ≤25.13      | 5.02       | 16.93      | ≤24.00           | PASS    |
| 11AX160 MIMO | Ant1    | 6505            | 11.49        | ≤25.79      | 5.02       | 16.51      | ≤24.00           | PASS    |
|              | Ant2    | 6505            | 11.48        | ≤25.13      | 5.02       | 16.5       | ≤24.00           | PASS    |
|              | total   | 6505            | 14.50        | ≤25.13      | 5.02       | 19.52      | ≤24.00           | PASS    |
| 11AX160 SISO | Ant1    | 6505            | 11.47        | ≤25.79      | 5.02       | 16.49      | ≤24.00           | PASS    |

|                 |       |      |       |              |      |       |              |      |
|-----------------|-------|------|-------|--------------|------|-------|--------------|------|
|                 | Ant2  | 6505 | 14.66 | $\leq 25.13$ | 5.02 | 19.68 | $\leq 24.00$ | PASS |
| 11BE320<br>MIMO | Ant1  | 6745 | 13.94 | $\leq 25.79$ | 5.02 | 18.96 | $\leq 24.00$ | PASS |
|                 | Ant2  | 6745 | 14.00 | $\leq 25.13$ | 5.02 | 19.02 | $\leq 24.00$ | PASS |
|                 | total | 6745 | 16.98 | $\leq 25.13$ | 5.02 | 22    | $\leq 24.00$ | PASS |
| 11BE320 SISO    | Ant1  | 6745 | 17.11 | $\leq 25.79$ | 5.02 | 22.13 | $\leq 24.00$ | PASS |
|                 | Ant2  | 6745 | 16.84 | $\leq 25.13$ | 5.02 | 21.86 | $\leq 24.00$ | PASS |

## 10.2. APPENDIX B: CONTENTION BASED PROTOCOL

### 10.2.1. Test Result-SU Mode

Summary table

| Contention Based protocol for 802.11be_Bandwidth_20MHz |                |                     |                      |                  |                       |                     |            |           |         |
|--------------------------------------------------------|----------------|---------------------|----------------------|------------------|-----------------------|---------------------|------------|-----------|---------|
| UNII Band                                              | Channel Number | EUT Frequency (MHz) | AWGN Frequency (MHz) | AWGN Power (dBm) | Detection Limit (dBm) | Number Detected [n] | Result [%] | Limit [%] | Verdict |
| 7                                                      | 149            | 6695                | 6695                 | -64.40           | -62                   | 10                  | 100        | 90        | PASS    |

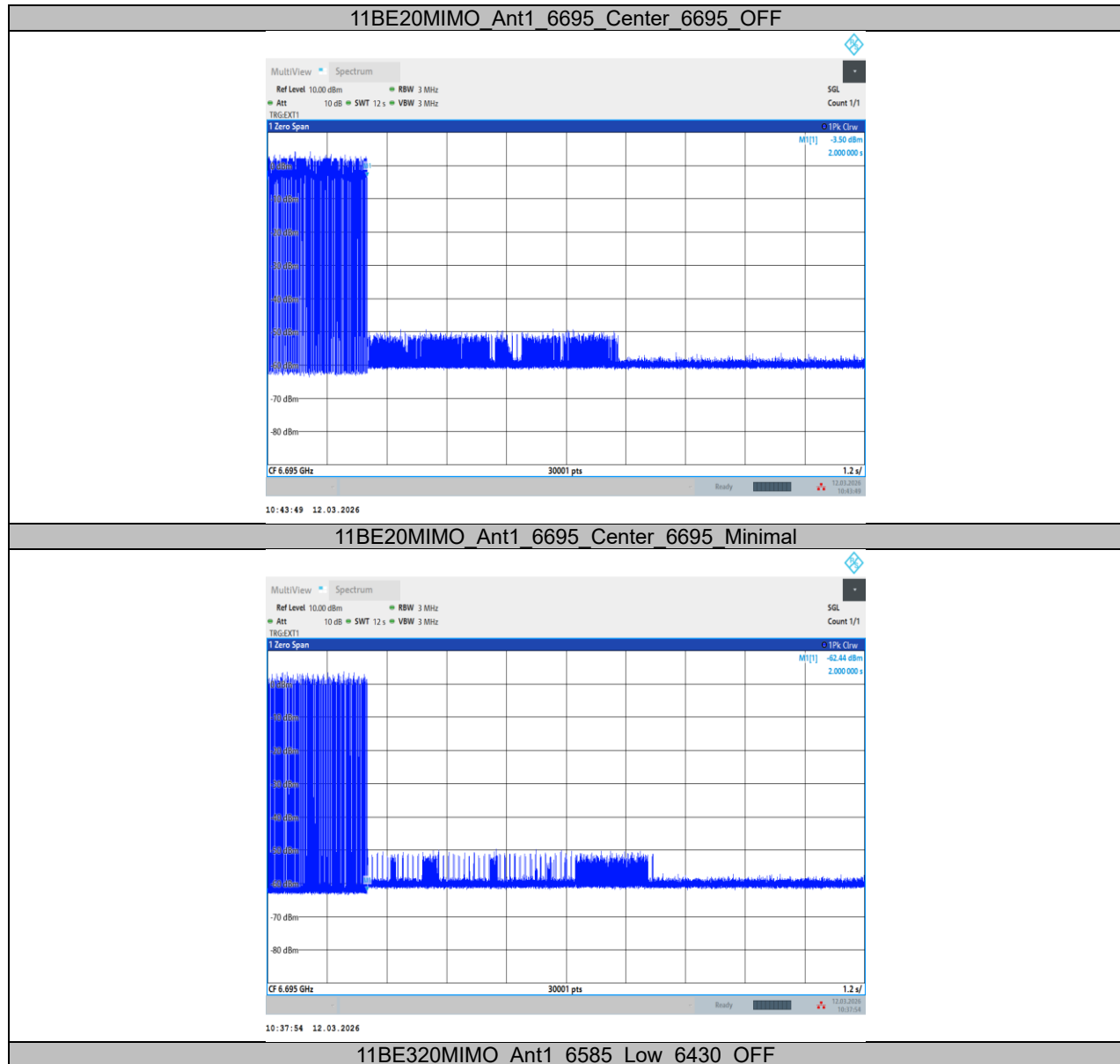
| Contention Based protocol for 802.11be_Bandwidth_320MHz |                |                     |                      |                  |                       |                     |            |           |         |
|---------------------------------------------------------|----------------|---------------------|----------------------|------------------|-----------------------|---------------------|------------|-----------|---------|
| UNII Band                                               | Channel Number | EUT Frequency (MHz) | AWGN Frequency (MHz) | AWGN Power (dBm) | Detection Limit (dBm) | Number Detected [n] | Result [%] | Limit [%] | Verdict |
| 6-7                                                     | 127            | 6585                | 6430                 | -63.60           | -62                   | 10                  | 90         | 90        | PASS    |
|                                                         |                |                     | 6585                 | -63.26           | -62                   | 10                  | 90         | 90        | PASS    |
|                                                         |                |                     | 6740                 | -62.97           | -62                   | 10                  | 90         | 90        | PASS    |

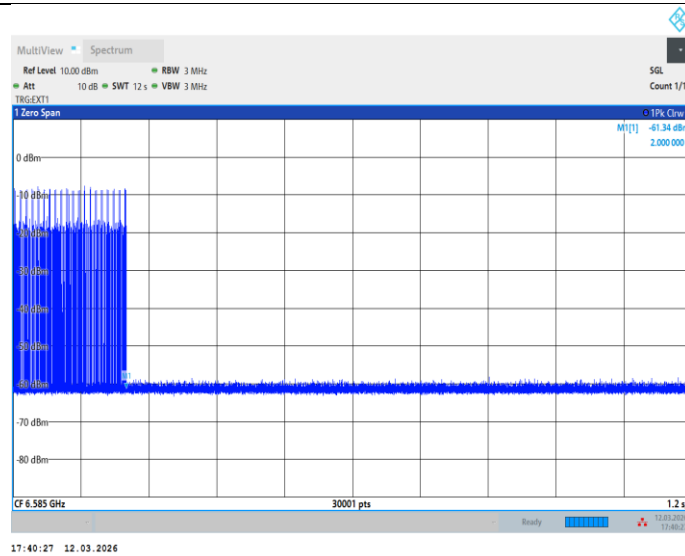
# Result Tables

## Contention-based Protocol Threshold minimum level

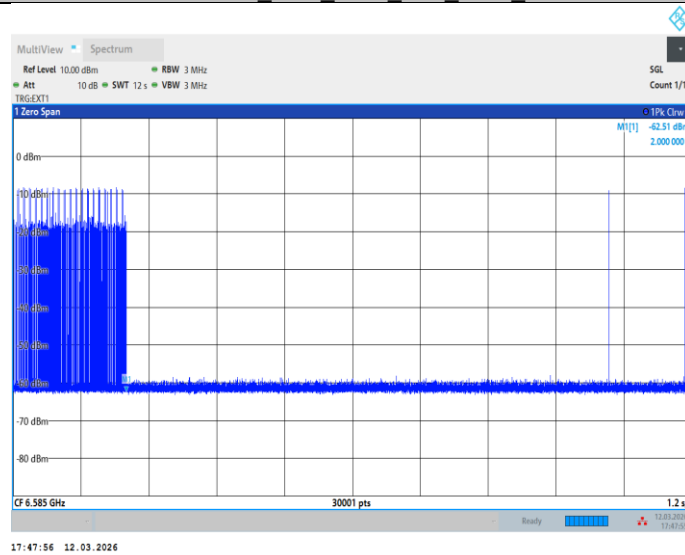
| Test Mode    | Channel | Interference Frequency [MHz] |      | Status  | Awgn Power [dBm] | Gain [dB] | Path Loss [dB] | Adjusted Power [dBm] | Limit [dBm] | Detection Rate [%] | Detection Limit [%] | Verdict |
|--------------|---------|------------------------------|------|---------|------------------|-----------|----------------|----------------------|-------------|--------------------|---------------------|---------|
| 11BE20 MIMO  | 6695    | Center                       | 6695 | OFF     | -67.49           | -2.59     | 0.5            | -64.40               | -62         | 100                | 90                  | PASS    |
|              |         | Center                       | 6695 | Minimal | -68.49           | -2.59     | 0.5            | -65.40               | -62         | 20                 | ---                 | ---     |
|              |         | Center                       | 6695 | ON      | -75.49           | -2.59     | 0.5            | -72.40               | -62         | 0                  | ---                 | ---     |
| 11BE320 MIMO | 6585    | Low                          | 6430 | OFF     | -66.69           | -2.59     | 0.5            | -63.60               | -62         | 90                 | 90                  | PASS    |
|              |         | Low                          | 6430 | Minimal | -67.52           | -2.59     | 0.5            | -64.43               | -62         | 30                 | ---                 | ---     |
|              |         | Low                          | 6430 | ON      | -74.39           | -2.59     | 0.5            | -71.30               | -62         | 0                  | ---                 | ---     |
|              |         | Center                       | 6585 | OFF     | -66.35           | -2.59     | 0.5            | -63.26               | -62         | 90                 | 90                  | PASS    |
|              |         | Center                       | 6585 | Minimal | -67.41           | -2.59     | 0.5            | -64.32               | -62         | 30                 | ---                 | ---     |
|              |         | Center                       | 6585 | ON      | -75.45           | -2.59     | 0.5            | -72.36               | -62         | 0                  | ---                 | ---     |
|              |         | High                         | 6740 | OFF     | -66.06           | -2.59     | 0.5            | -62.97               | -62         | 90                 | 90                  | PASS    |
|              |         | High                         | 6740 | Minimal | -67.8            | -2.59     | 0.5            | -64.71               | -62         | 30                 | ---                 | ---     |
|              |         | High                         | 6740 | ON      | -74.74           | -2.59     | 0.5            | -71.65               | -62         | 0                  | ---                 | ---     |

## 10.2.2. Test Graphs

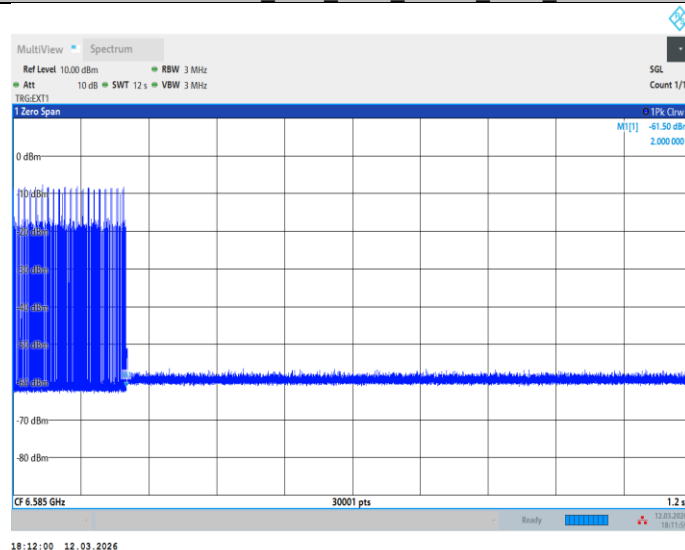




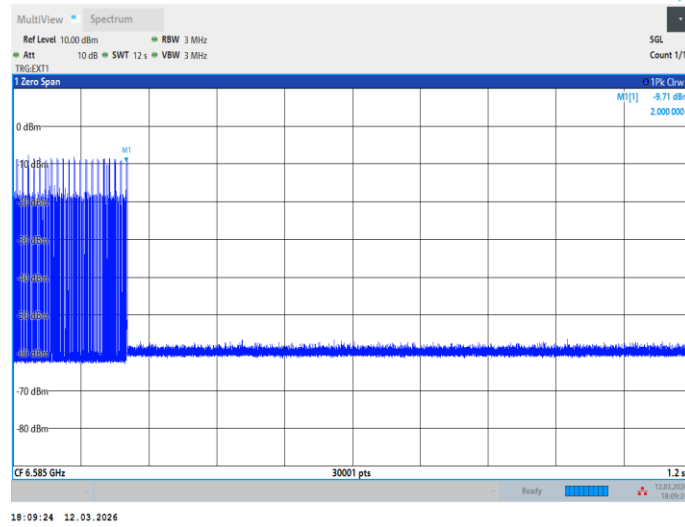
11BE320MIMO\_Ant1\_6585\_Low\_6430\_Minimal



11BE320MIMO\_Ant1\_6585\_Center\_6585\_OFF

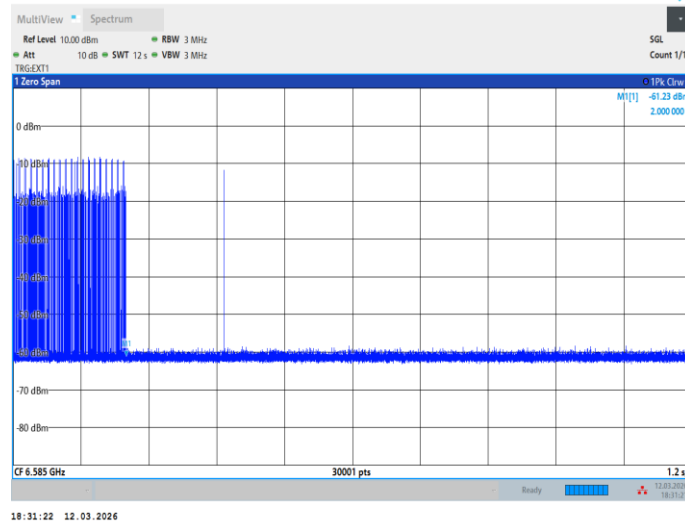


11BE320MIMO\_Ant1\_6585\_Center\_6585\_Minimal



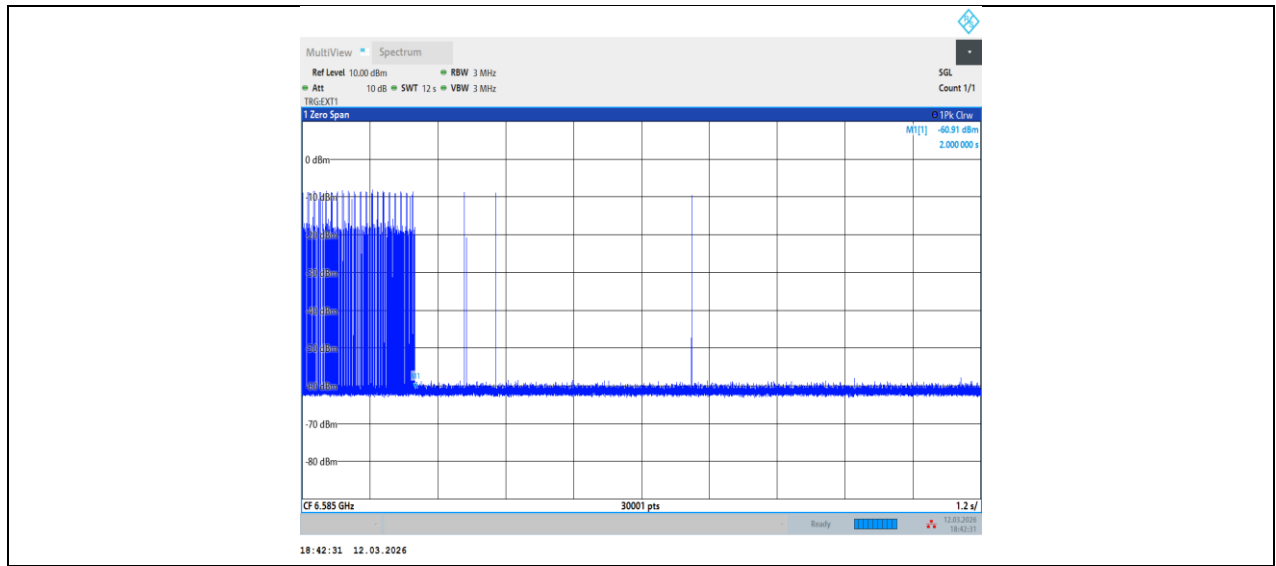
18:09:24 12.03.2026

11BE320MIMO\_Ant1\_6585\_High\_6740\_OFF



18:31:22 12.03.2026

11BE320MIMO\_Ant1\_6585\_High\_6740\_Minimal



**10.3. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY****10.3.1. Test Result-SU Mode**

| TestMode    | Antenna | Frequency[MHz] | Result<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Gain<br>[dBi] | EIRP<br>[dBm/MHz] | Verdict |
|-------------|---------|----------------|---------------------|--------------------|---------------|-------------------|---------|
| 11AX20MIMO  | Ant1    | 5965           | -9.45               | $\leq -1.0$        | 5.02          | -4.43             | PASS    |
|             | Ant2    | 5965           | -9.36               | $\leq -1.0$        | 5.02          | -4.34             | PASS    |
|             | total   | 5965           | -6.39               | $\leq -1.0$        | 5.02          | -1.37             | PASS    |
| 11BE320MIMO | Ant1    | 6105           | -9.12               | $\leq -1.0$        | 5.02          | -4.10             | PASS    |
|             | Ant2    | 6105           | -9.22               | $\leq -1.0$        | 5.02          | -4.20             | PASS    |
|             | total   | 6105           | -6.16               | $\leq -1.0$        | 5.02          | -1.14             | PASS    |

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**END OF REPORT**