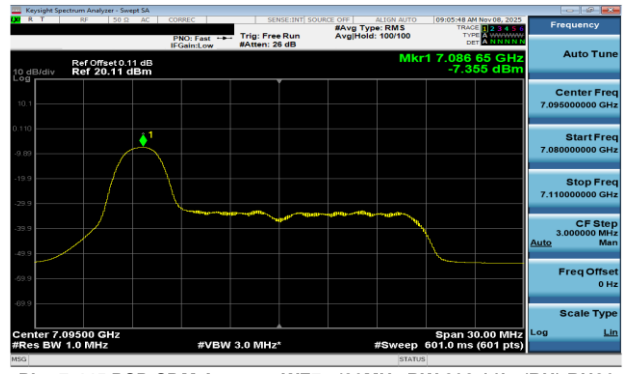
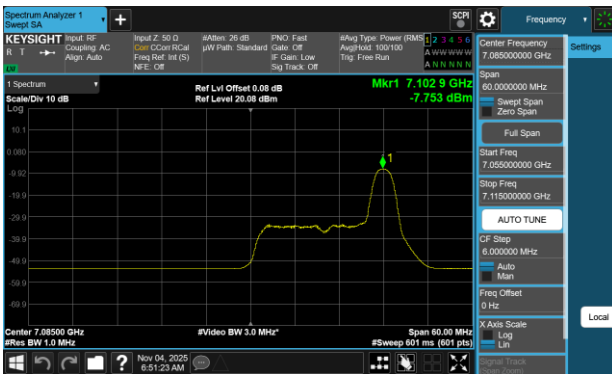




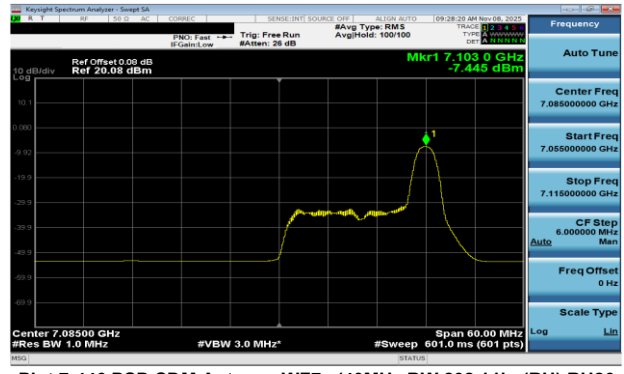
Plot 7-441 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index0 - Ch.229)



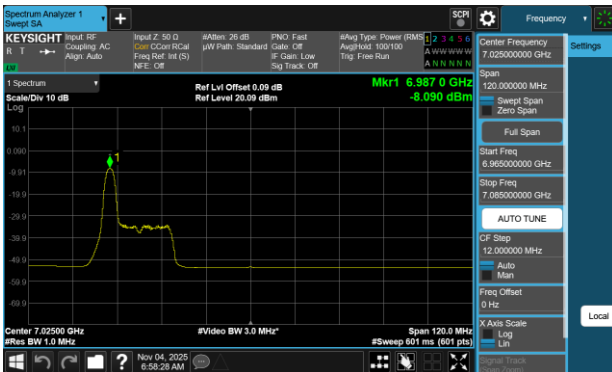
Plot 7-445 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.229)



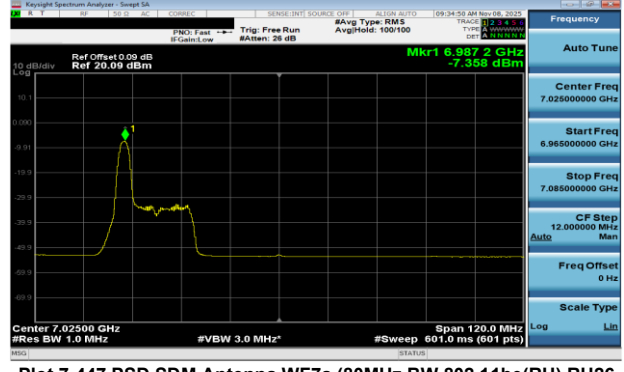
Plot 7-442 PSD SDM Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index17 - Ch.227)



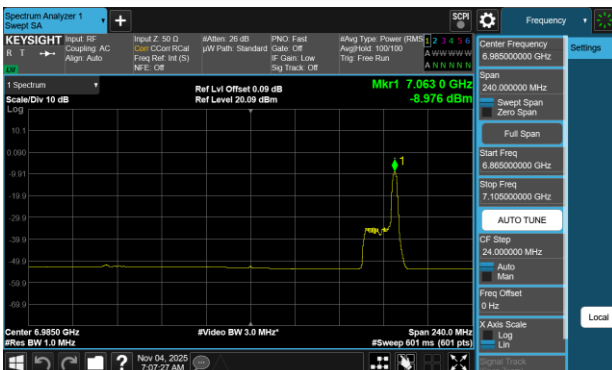
Plot 7-446 PSD SDM Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.227)



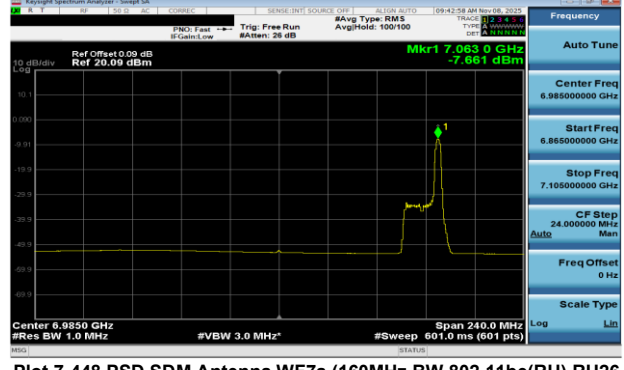
Plot 7-443 PSD SDM Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 - Ch.215)



Plot 7-447 PSD SDM Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.215)

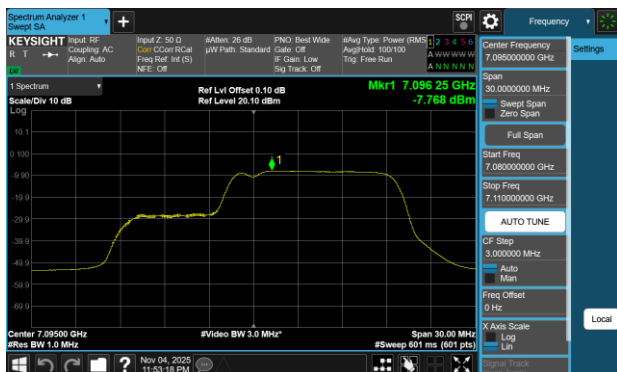


Plot 7-444 PSD SDM Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index36 - Ch.207)

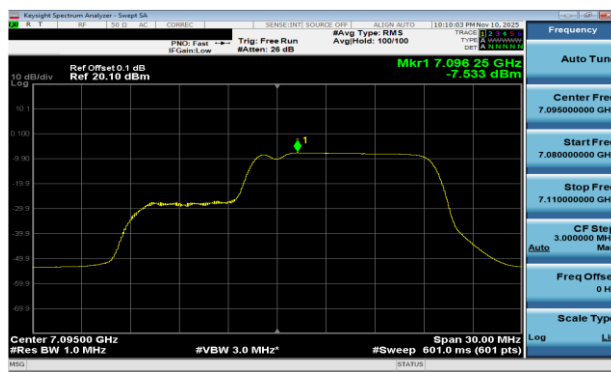


Plot 7-448 PSD SDM Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index36 - Ch.207)

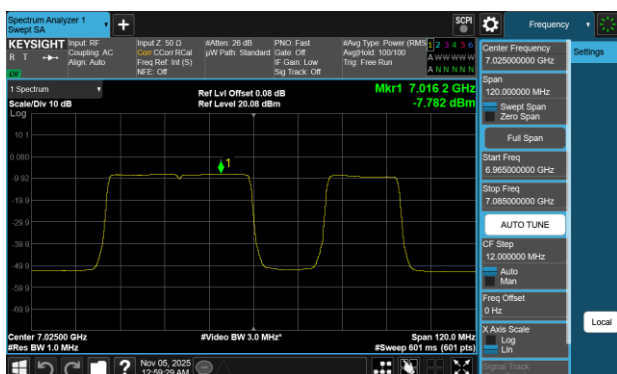
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device |                                       | Page 183 of 418                   |



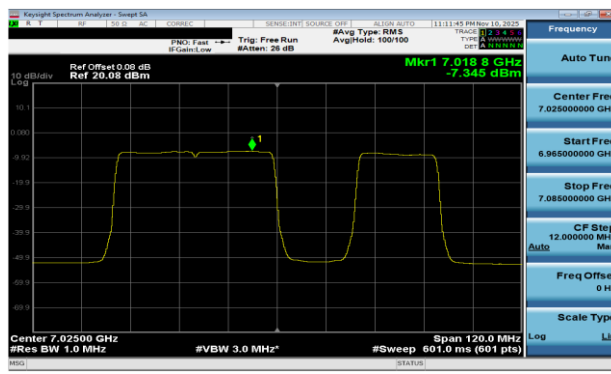
Plot 7-449 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.229)



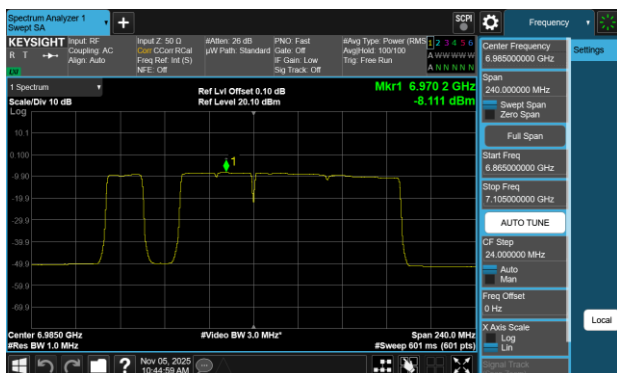
Plot 7-452 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.229)



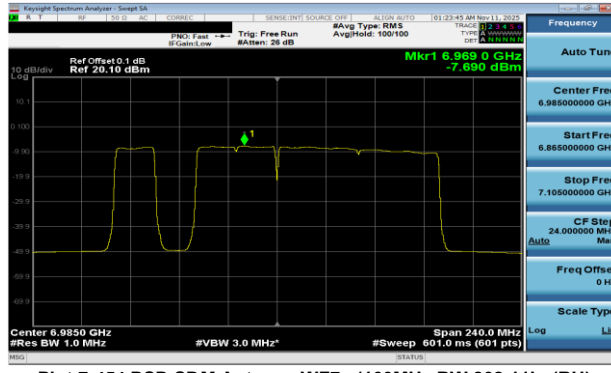
Plot 7-450 PSD SDM Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.215)



Plot 7-453 PSD SDM Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.215)

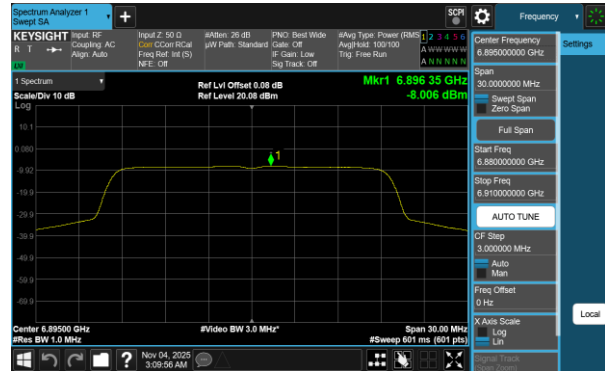


Plot 7-451 PSD SDM Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index97 - Ch.207)

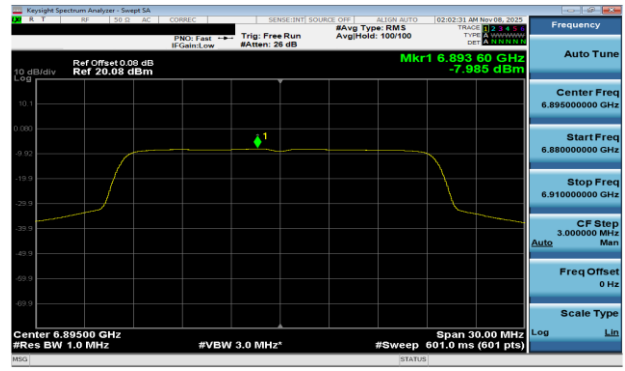


Plot 7-454 PSD SDM Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index97 - Ch.207)

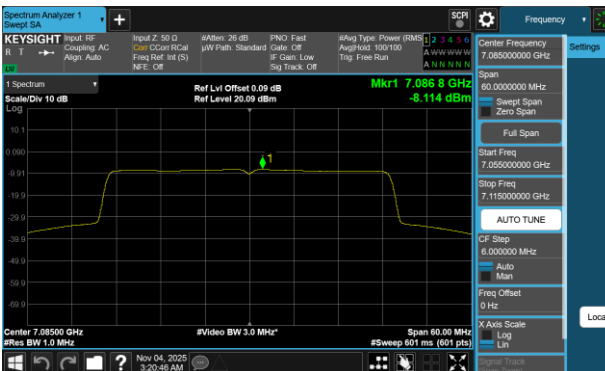
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     |                                       | Page 184 of 418                   |



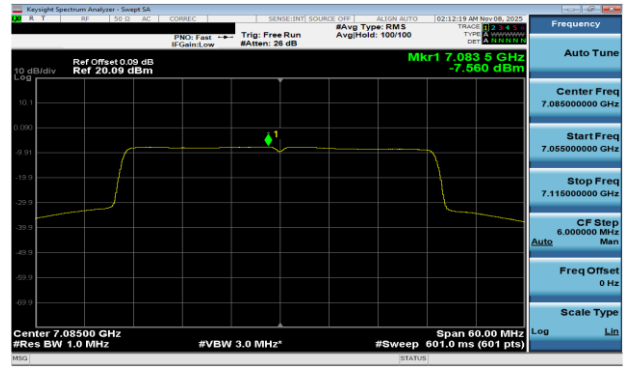
Plot 7-455 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.189)



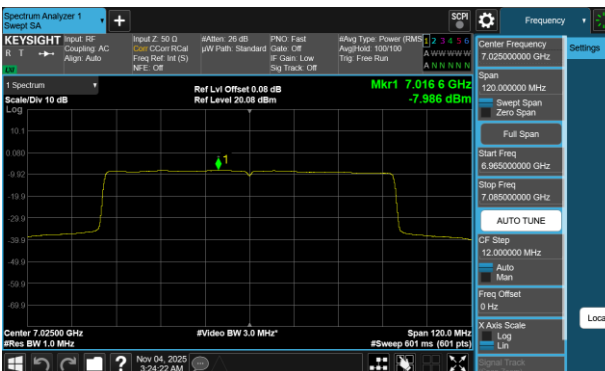
Plot 7-459 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.189)



Plot 7-456 PSD SDM Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.227)



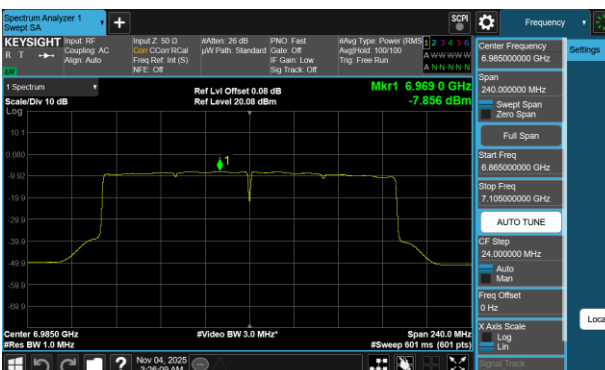
Plot 7-460 PSD SDM Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.227)



Plot 7-457 PSD SDM Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.215)



Plot 7-461 PSD SDM Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.215)



Plot 7-458 PSD SDM Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.207)



Plot 7-462 PSD SDM Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.207)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 185 of 418                   |

# Note:

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 662911 v02r01 Section E)1), the conducted power at Antenna WF8 and WF7a were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Section 14.6.3, the directional gain is calculated using the following formula, where  $G_N$  is the gain of the nth antenna and  $N_{ANT}$ , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Section 14.6.3, the uncorrelated directional gain is calculated using the following formula, where  $G_N$  is the gain of the nth antenna and  $N_{ANT}$ , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

# Sample CDD/SDM Calculation:

At 5955MHz, the average conducted output power was measured to be -10.63 dBm for Antenna WF8 and -9.88 dBm for Antenna WF7a.

$$\text{Antenna WF8} + \text{Antenna WF7a} = \text{TxBF}$$

$$(-10.63 \text{ dBm} + -9.88 \text{ dBm}) = (0.086 \text{ mW} + 0.103 \text{ mW}) = 0.189 \text{ mW} = -7.23 \text{ dBm}$$

# Sample e.i.r.p. Calculation:

At 5955MHz for 802.11be(RU) (20MHz BW) mode, the average conducted power was calculated to be -7.23 dBm with directional gain of 4.25 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$-7.23 \text{ dBm} + 4.25 \text{ dBi} = -2.98 \text{ dBm}$$

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 186 of 418                   |

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## 7.5 In-Band Emissions

**§15.407(b)(7), RSS-248 [4.6.2]**

### **Test Overview and Limit**

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies.

***For transmitters operating solely in the 5.925-7.125 GHz bands: For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.***

### **Test Procedure Used**

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Section 12.4.2.2  
KDB 987594 D02 v03 – Section J

### **Test Settings**

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.6.2 of ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024.
3. Measure the 26 dB EBW using the test procedure 12.5.2 of ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
  - a) Set the span to encompass the entire 26 dB EBW of the signal.
  - b) Set RBW = same RBW used for 26 dB EBW measurement.
  - c) Set VBW  $\geq 3 \times$  RBW
  - d) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - e) Sweep time = auto.
  - f) Detector = RMS (i.e., power averaging)
  - g) Trace average at least 100 traces in power averaging (rms) mode.
  - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
  - i) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
  - j) Suppressed by 28 dB at one channel bandwidth from the channel center.
  - k) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 187 of 418                   |

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## Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-4. Test Instrument & Measurement Setup**

## Test Notes

1. All RU's were investigated and only worst case partially loaded and fully loaded RU's were reported.
2. Low, mid, and high channels were tested and only worst case channel in-band plots have been reported.

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 188 of 418                   |

## 7.5.1 Antenna WF8 In-Band Emission Measurements – SP

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|---------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 5965            | 3       | be (40MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6165            | 43      | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6405            | 91      | be (40MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 26      | 36       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 26      | 36       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 26      | 0-L      | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6445            | 99      | be (40MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6485            | 107     | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6525            | 115     | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6855            | 181     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6725            | 155     | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6845            | 179     | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 26      | 36       | MCS5      | Pass              |
|        | 6785            | 167     | be (80MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |

**Table 7-104. In-Band Measurements Antenna WF8 (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                                                                             | EUT Type:<br>Tablet Device | Page 189 of 418                   |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size     | RU Index | Data Rate | In-Band Emission |
|--------|-----------------|---------|-------------|-------------|----------|-----------|------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6175            | 45      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6415            | 93      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 5985            | 7       | be (80MHz)  | 484+242     | 91       | MCS5      | Pass             |
|        | 6145            | 39      | be (80MHz)  | 484+242     | 92       | MCS5      | Pass             |
|        | 6385            | 87      | be (80MHz)  | 484+242     | 90       | MCS5      | Pass             |
|        | 6025            | 15      | be (160MHz) | 996+484+242 | 98-L     | MCS5      | Pass             |
|        | 6185            | 47      | be (160MHz) | 996+484+242 | 98-L     | MCS5      | Pass             |
|        | 6345            | 79      | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass             |
| Band 6 | 6435            | 97      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6475            | 105     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6515            | 113     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6465            | 103     | be (80MHz)  | 484+242     | 90       | MCS5      | Pass             |
|        | 6505            | 111     | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass             |
| Band 7 | 6535            | 117     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6695            | 149     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6855            | 181     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass             |
|        | 6545            | 119     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass             |
|        | 6705            | 151     | be (80MHz)  | 484+242     | 91       | MCS5      | Pass             |
|        | 6785            | 167     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass             |
|        | 6665            | 143     | be (160MHz) | 996+484+242 | 96-L     | MCS5      | Pass             |

**Table 7-105. In-Band Measurements Antenna WF8 (MRU)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                                                                             | EUT Type:<br>Tablet Device | Page 190 of 418                   |

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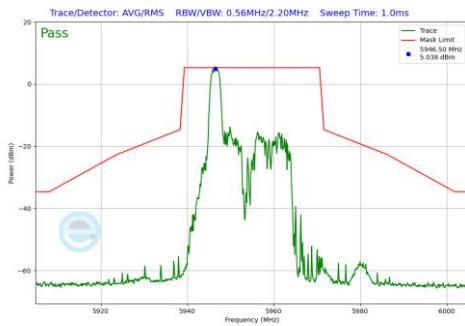
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|---------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 5965            | 3       | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6165            | 43      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6405            | 91      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6445            | 99      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6485            | 107     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6525            | 115     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6855            | 181     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6725            | 155     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6845            | 179     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6785            | 167     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |

**Table 7-106. In-Band Measurements Antenna WF8 (Fully – Loaded RU)**

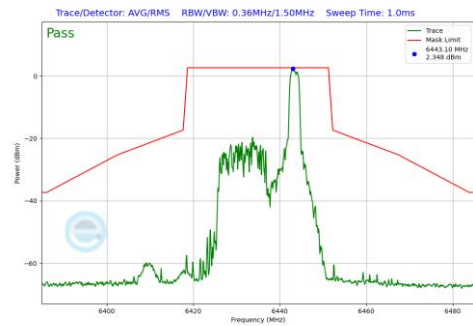
|                                            |                                                                                     |                                       |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     | Test Dates:<br>09/18/2025 - 12/2/2025 | EUT Type:<br>Tablet Device | Page 191 of 418                   |

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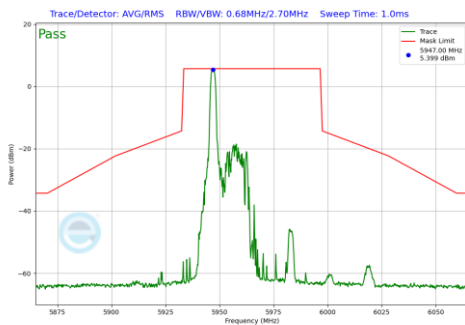
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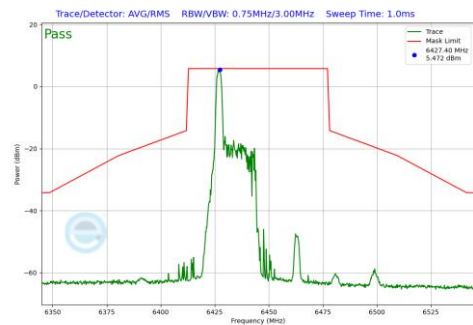
**Plot 7-463 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.1)**



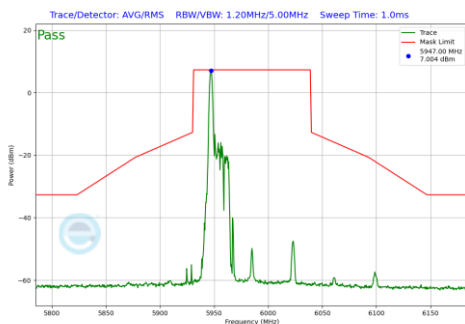
**Plot 7-467 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 6) - Ch.97)**



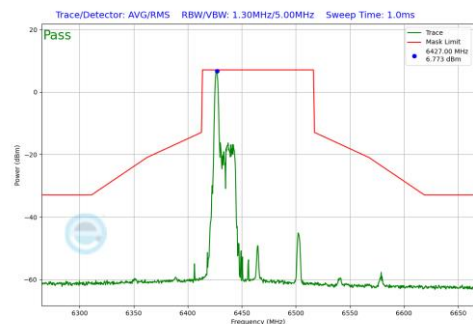
**Plot 7-464 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.3)**



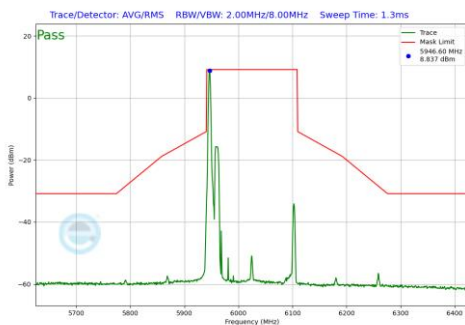
**Plot 7-468 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 (UNII Band 6) - Ch.99)**



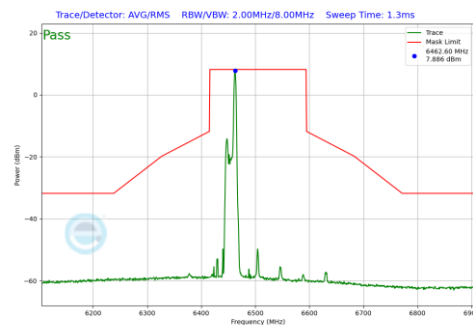
**Plot 7-465 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.7)**



**Plot 7-469 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 (UNII Band 6) - Ch.103)**

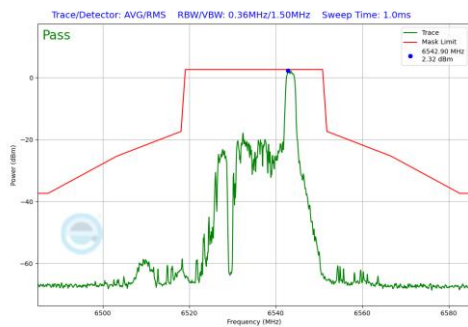


**Plot 7-466 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.15)**

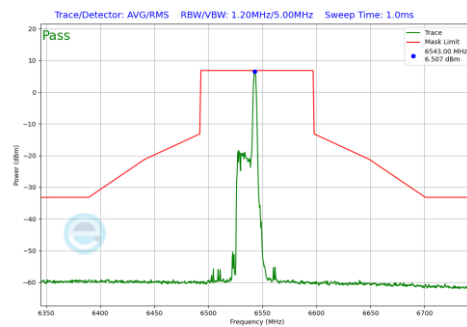


**Plot 7-470 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.111)**

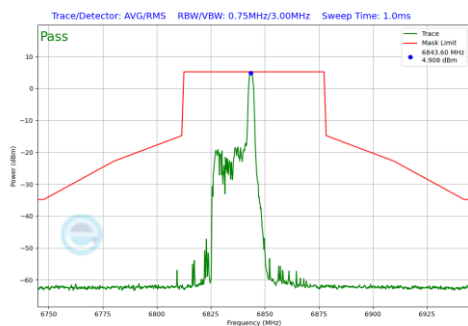
|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 192 of 418                          |
| <b>Test Dates:</b><br>09/18/2025 - 12/2/2025      | <b>EUT Type:</b><br>Tablet Device                                                   |                                               |                                          |



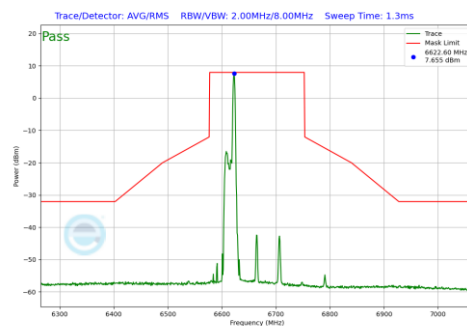
**Plot 7-471 In-Band Emission Plot Antenna WF8 (20MHz BW  
802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.117)**



**Plot 7-473 In-Band Emission Plot Antenna WF8 (80MHz BW  
802.11be(RU) RU26 Index17 (UNII Band 7) - Ch.119)**



**Plot 7-472 In-Band Emission Plot Antenna WF8 (40MHz BW  
802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.179)**

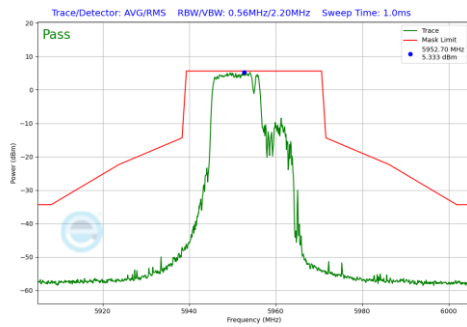


**Plot 7-474 In-Band Emission Plot Antenna WF8 (160MHz BW  
802.11be(RU) RU26 Index17 (UNII Band 7) - Ch.143)**

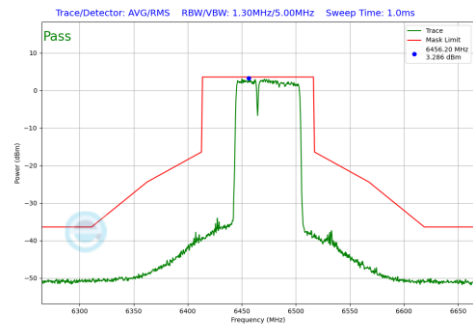
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 193 of 418                   |

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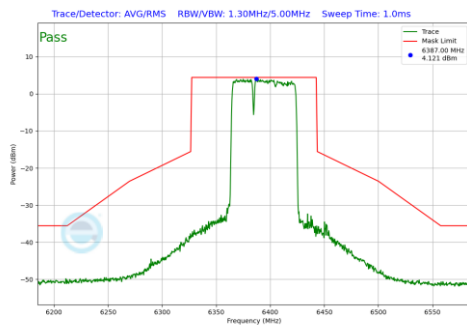
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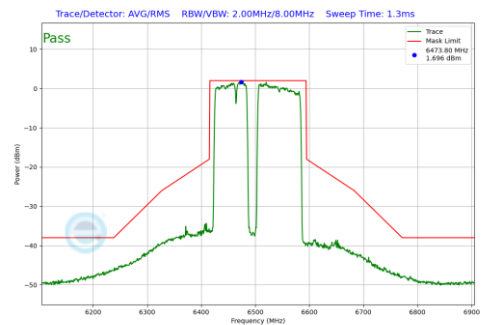
**Plot 7-475 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 5) - Ch.1)**



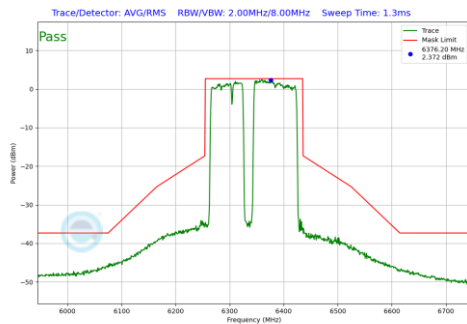
**Plot 7-479 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 6) - Ch.103)**



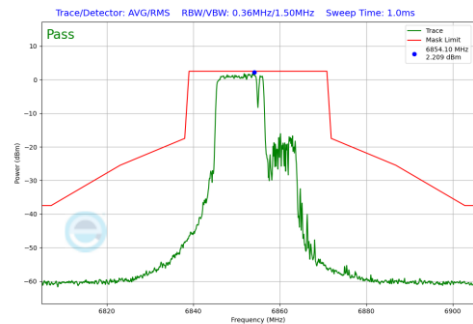
**Plot 7-476 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 5) - Ch.87)**



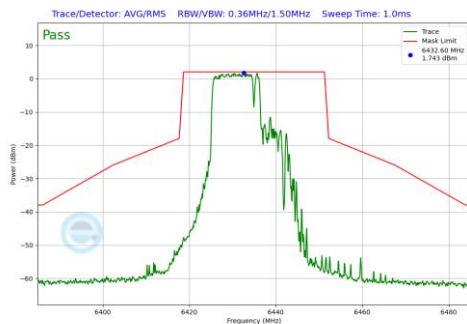
**Plot 7-480 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 6) - Ch.111)**



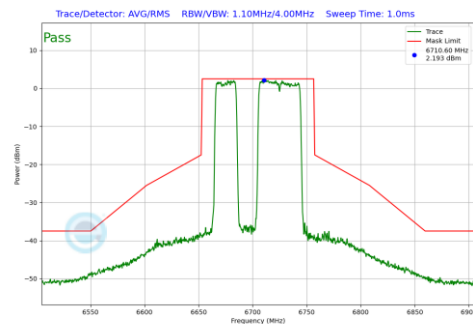
**Plot 7-477 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 5) - Ch.79)**



**Plot 7-481 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 7) - Ch.181)**

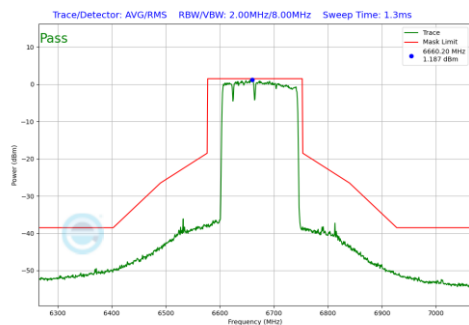


**Plot 7-478 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 6) - Ch.97)**



**Plot 7-482 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index91 (UNII Band 7) - Ch.151)**

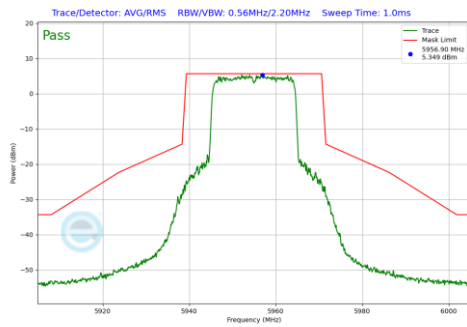
|                                            |                                                                                     |                                       |  |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            |  | Page 194 of 418                   |



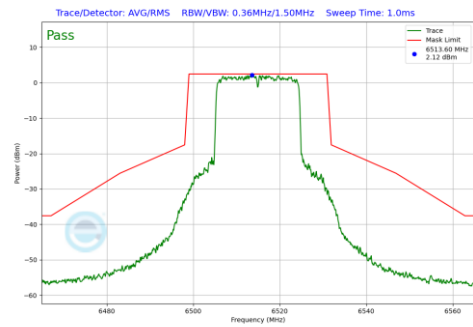
**Plot 7-483 In-Band Emission Plot Antenna WF8 (160MHz BW  
802.11be(RU) RU996+484+242 Index96 (UNII Band 7) - Ch.143)**

|                                                   |                                                                                     |                                   |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3459<br><b>IC:</b> 579C-A3459  |  |                                   | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/2/2025                                        | <b>EUT Type:</b><br>Tablet Device |                                               | Page 195 of 418                          |

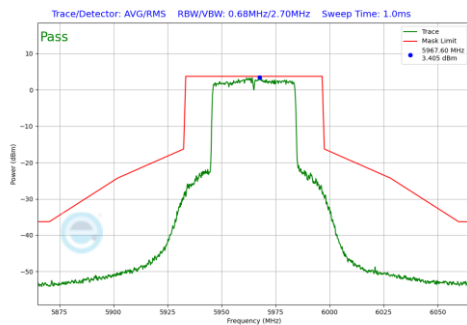
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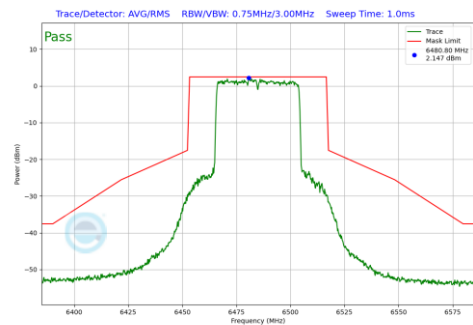
**Plot 7-484 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.1)**



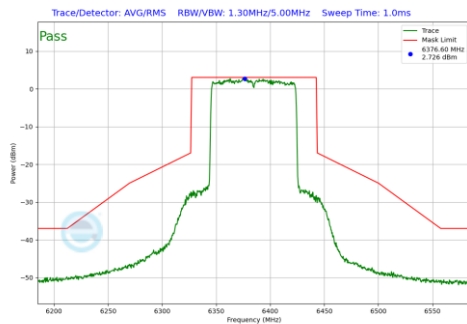
**Plot 7-488 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.113)**



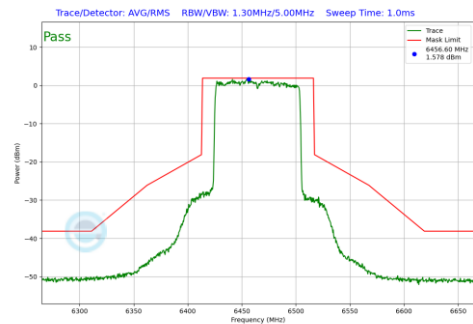
**Plot 7-485 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.3)**



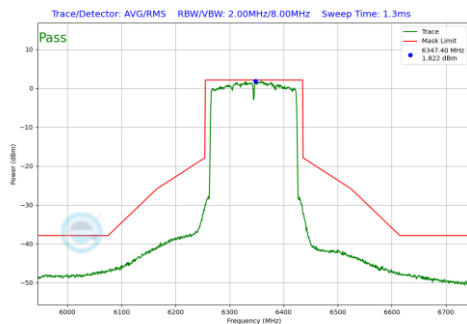
**Plot 7-489 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.107)**



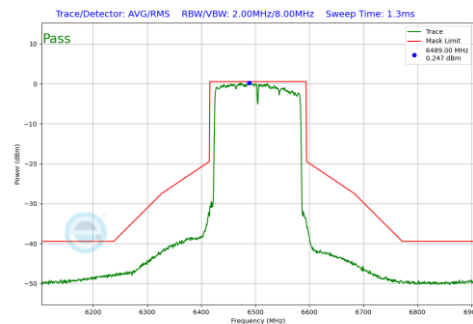
**Plot 7-486 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.87)**



**Plot 7-490 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)**

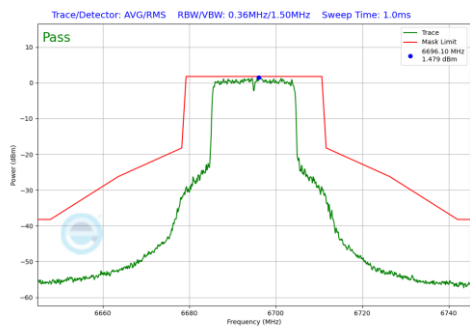


**Plot 7-487 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.79)**

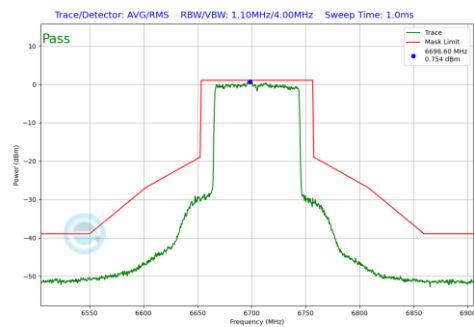


**Plot 7-491 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)**

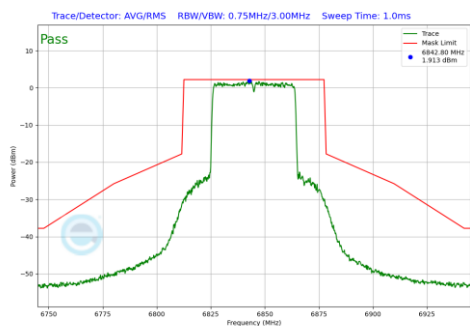
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 196 of 418                   |



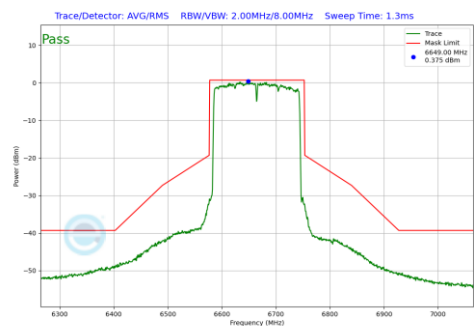
**Plot 7-492 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.149)**



**Plot 7-494 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.151)**



**Plot 7-493 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.179)**



**Plot 7-495 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.143)**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 197 of 418                          |

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## 7.5.2 Antenna WF8 In-Band Emissions Measurements – LPI

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emission |
|--------|-----------------|---------|-------------|---------|----------|-----------|------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6175            | 45      | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6415            | 93      | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 5965            | 3       | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6165            | 43      | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6405            | 91      | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 5985            | 7       | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6145            | 39      | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6385            | 87      | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6025            | 15      | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
|        | 6185            | 47      | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
|        | 6345            | 79      | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
| Band 6 | 6435            | 97      | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6475            | 105     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6515            | 113     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6445            | 99      | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6485            | 107     | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6525            | 115     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6465            | 103     | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6505            | 111     | be (160MHz) | 26      | 36-L     | MCS5      | Pass             |
| Band 7 | 6535            | 117     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6695            | 149     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6875            | 185     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6725            | 155     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6845            | 179     | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6545            | 119     | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6705            | 151     | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6865            | 183     | be (80MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6665            | 143     | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
|        | 6825            | 175     | be (160MHz) | 26      | 36-L     | MCS5      | Pass             |
| Band 8 | 6895            | 189     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6995            | 209     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 7095            | 229     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6885            | 187     | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 7005            | 211     | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 7085            | 227     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6945            | 199     | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 7025            | 215     | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6985            | 207     | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |

Table 7-107. In-Band Measurements Antenna WF8 (RU26)

|                                                   |                                                                                     |                                               |  |                                              |                                   |                 |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|--|----------------------------------------------|-----------------------------------|-----------------|
| <b>FCC ID:</b> BCGA3459<br><b>IC:</b> 579C-A3459  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | <b>Approved by:</b><br>Technical Manager     |                                   |                 |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               |  | <b>Test Dates:</b><br>09/18/2025 - 12/2/2025 | <b>EUT Type:</b><br>Tablet Device | Page 198 of 418 |
|                                                   |                                                                                     |                                               |  |                                              |                                   |                 |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size     | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|-------------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 484+242     | 93       | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 484+242     | 93       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 996+484+242 | 96-L     | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6875            | 185     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6865            | 183     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 996+484+242 | 97-L     | MCS5      | Pass              |
|        | 6825            | 175     | be (160MHz) | 996+484+242 | 98-L     | MCS5      | Pass              |
| Band 8 | 6895            | 189     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6995            | 209     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 7095            | 229     | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6945            | 199     | be (80MHz)  | 484+242     | 91       | MCS5      | Pass              |
|        | 7025            | 215     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6985            | 207     | be (160MHz) | 996+484+242 | 97-L     | MCS5      | Pass              |

**Table 7-108. In-Band Measurements Antenna WF8 (MRU)**

|                                            |                                                                                     |                                       |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     | Test Dates:<br>09/18/2025 - 12/2/2025 | EUT Type:<br>Tablet Device | Page 199 of 418                   |

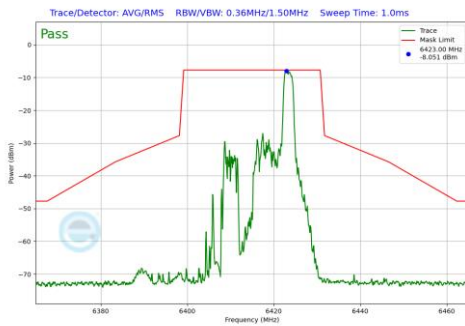
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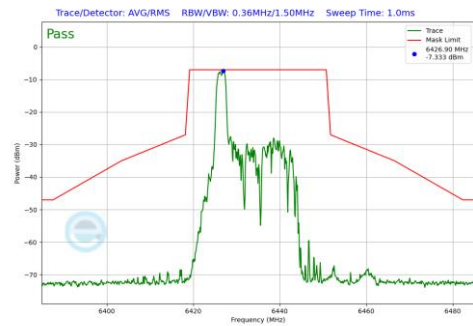
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|---------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 5965            | 3       | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6165            | 43      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6405            | 91      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6445            | 99      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6485            | 107     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6525            | 115     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6875            | 185     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6725            | 155     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6845            | 179     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6865            | 183     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6825            | 175     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 8 | 6895            | 189     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6995            | 209     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 7115            | 233     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6885            | 187     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 7005            | 211     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 7085            | 227     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6945            | 199     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 7025            | 215     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6985            | 207     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |

**Table 7-109. In-Band Measurements Antenna WF8 (Fully – Loaded RU)**

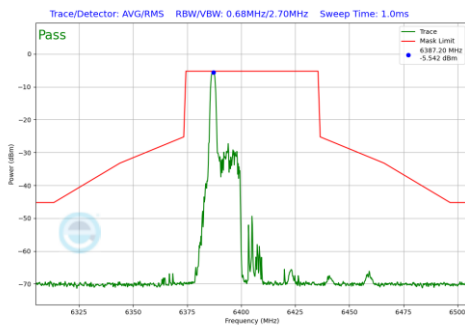
|                                            |                                                                                     |                                       |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     | Test Dates:<br>09/18/2025 - 12/2/2025 | EUT Type:<br>Tablet Device | Page 200 of 418                   |



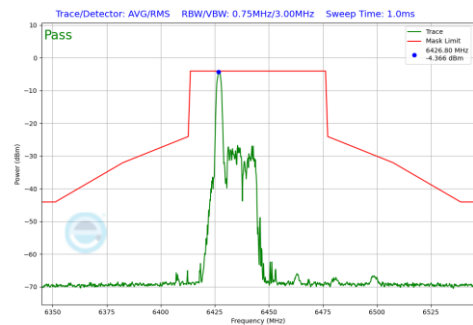
**Plot 7-496 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 5) - Ch.93)**



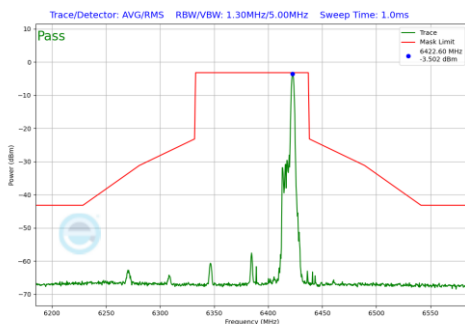
**Plot 7-500 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 6) - Ch.97)**



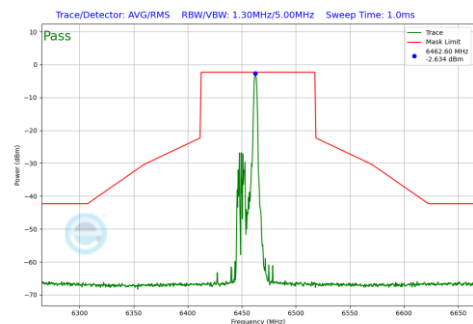
**Plot 7-497 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.91)**



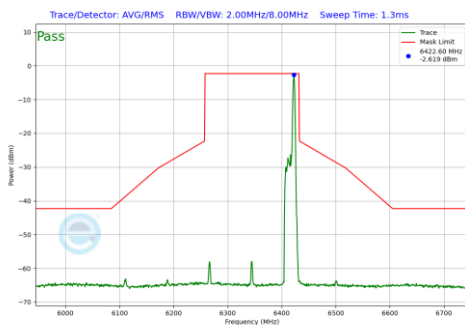
**Plot 7-501 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 (UNII Band 6) - Ch.99)**



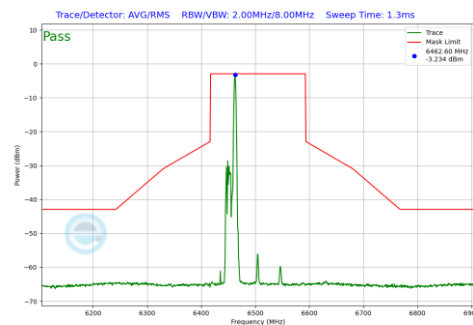
**Plot 7-498 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index36 (UNII Band 5) - Ch.87)**



**Plot 7-502 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.103)**

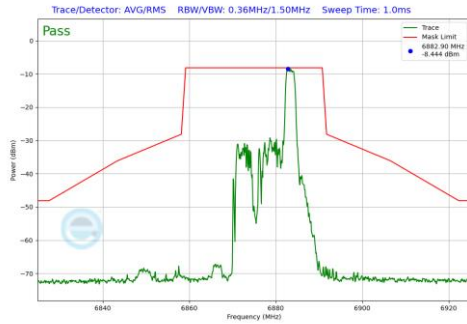


**Plot 7-499 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 5) - Ch.79)**

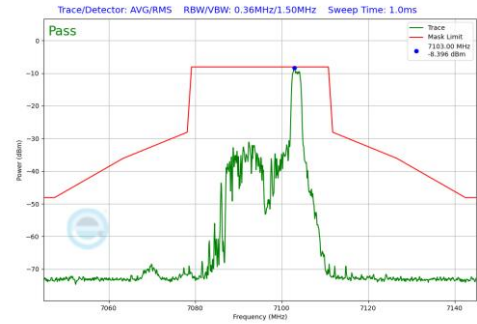


**Plot 7-503 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.111)**

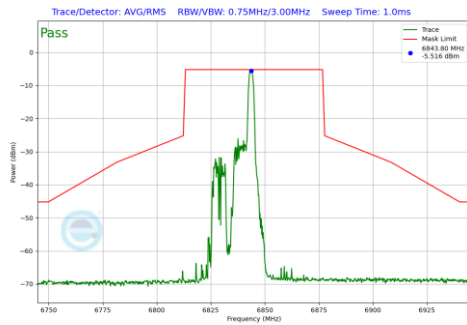
|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 201 of 418                          |
| <b>Test Dates:</b><br>09/18/2025 - 12/2/2025      | <b>EUT Type:</b><br>Tablet Device                                                   |                                               |                                          |



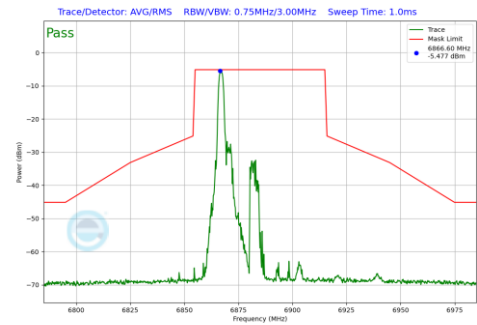
**Plot 7-504 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.185)**



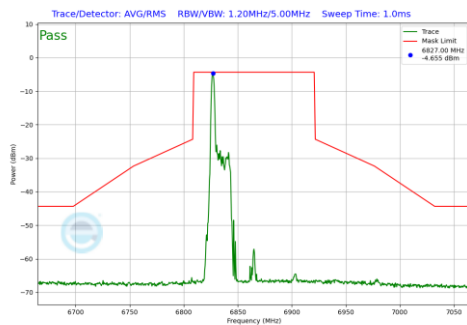
**Plot 7-508 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 8) - Ch.229)**



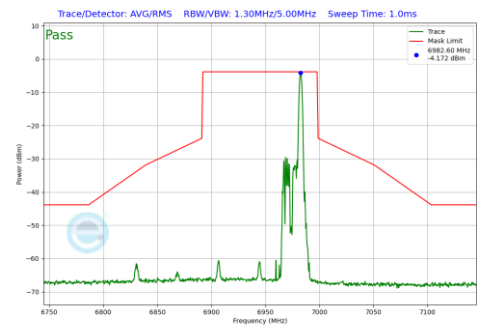
**Plot 7-505 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.179)**



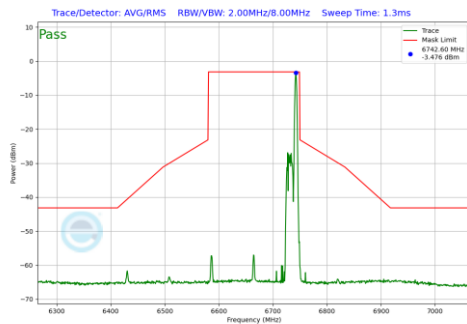
**Plot 7-509 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index0 (UNII Band 8) - Ch.187)**



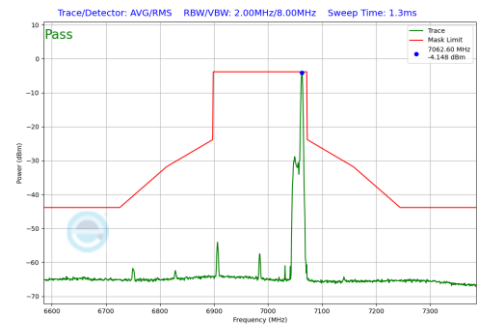
**Plot 7-506 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.183)**



**Plot 7-510 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index36 (UNII Band 8) - Ch.199)**

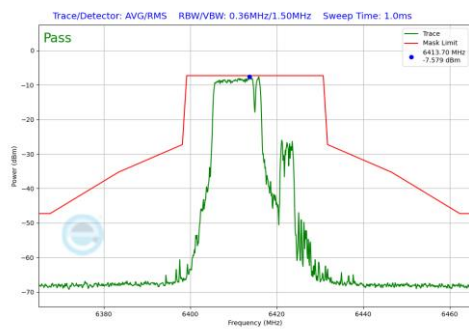


**Plot 7-507 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 7) - Ch.143)**

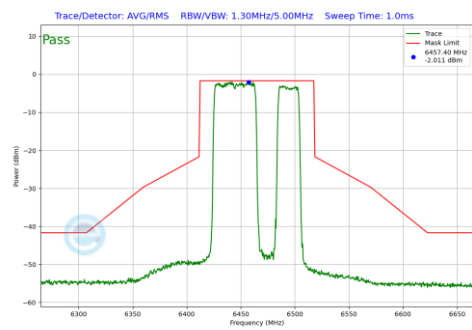


**Plot 7-511 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 8) - Ch.207)**

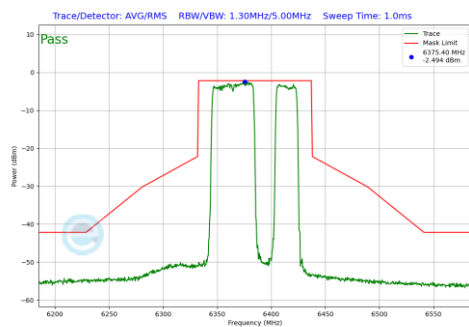
|                                            |                                                                                     |                                       |  |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            |  | Page 202 of 418                   |



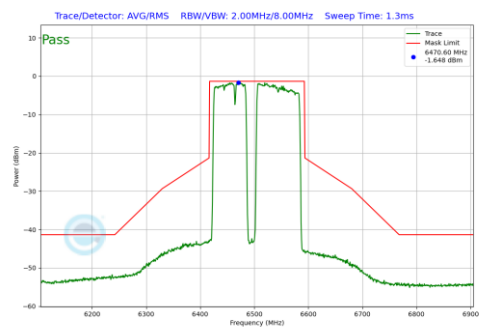
**Plot 7-512 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 5) - Ch.93)**



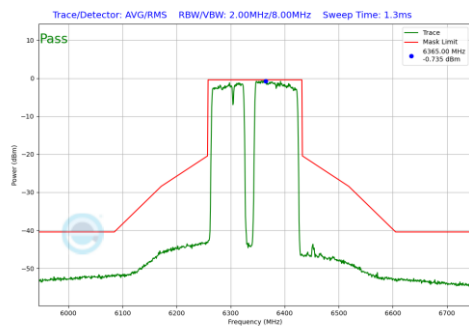
**Plot 7-516 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 6) - Ch.103)**



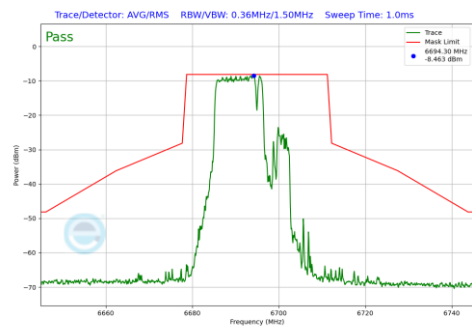
**Plot 7-513 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 5) - Ch.87)**



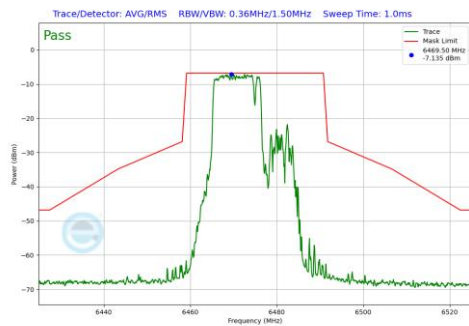
**Plot 7-517 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 6) - Ch.111)**



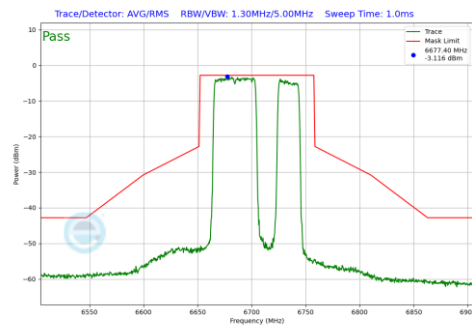
**Plot 7-514 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 5) - Ch.79)**



**Plot 7-518 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 7) - Ch.149)**

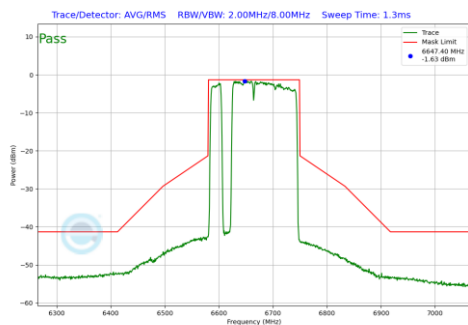


**Plot 7-515 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 6) - Ch.105)**

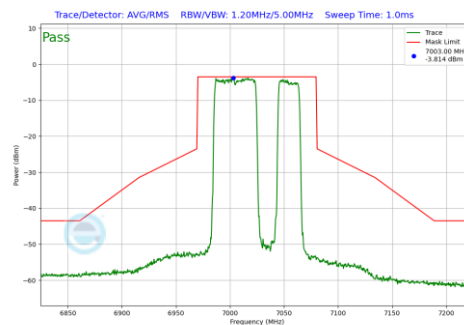


**Plot 7-519 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 7) - Ch.151)**

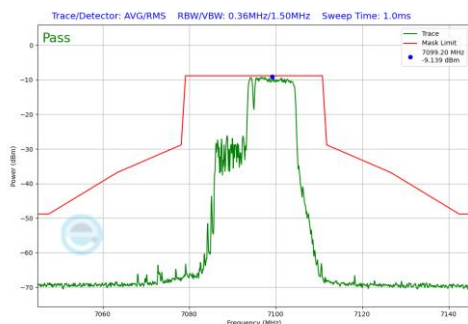
|                                            |                                                                                     |                                       |  |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            |  | Page 203 of 418                   |



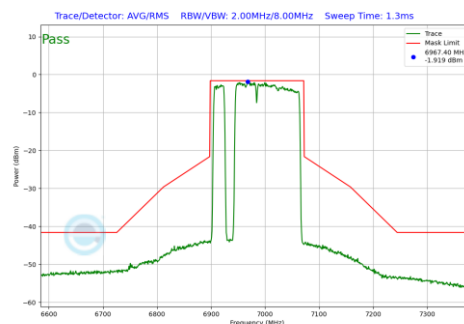
**Plot 7-520 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index97 (UNII Band 7) - Ch.143)**



**Plot 7-522 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 8) - Ch.215)**



**Plot 7-521 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index83 (UNII Band 8) - Ch.229)**

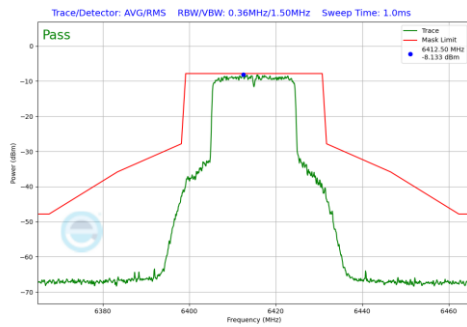


**Plot 7-523 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index97 (UNII Band 8) - Ch.207)**

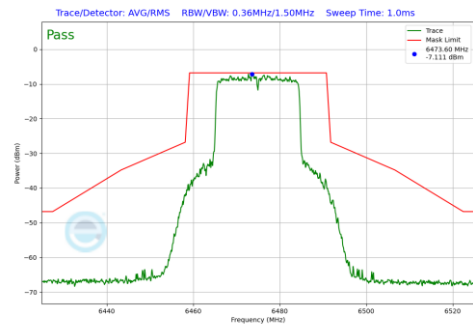
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device |                                       | Page 204 of 418                   |

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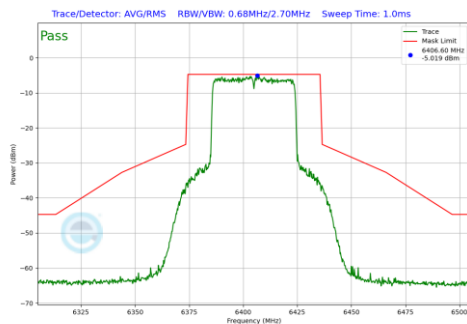
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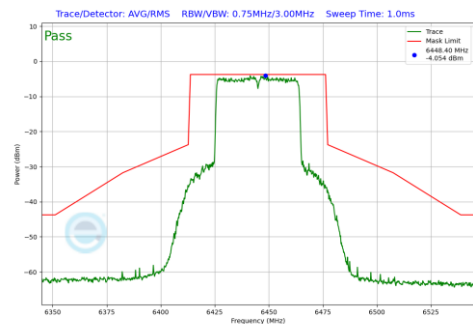
**Plot 7-524 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.93)**



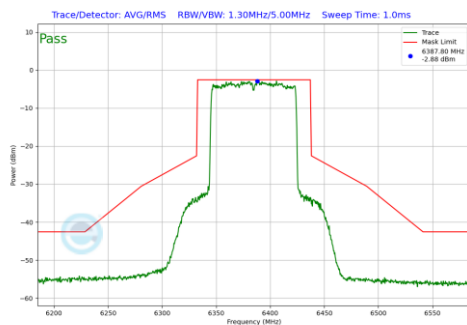
**Plot 7-528 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.105)**



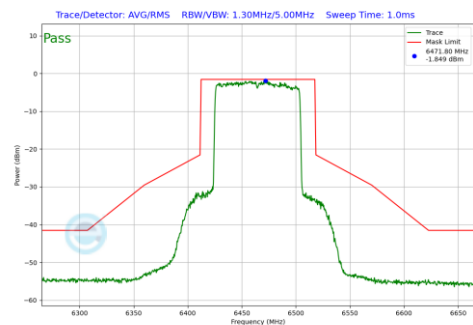
**Plot 7-525 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.91)**



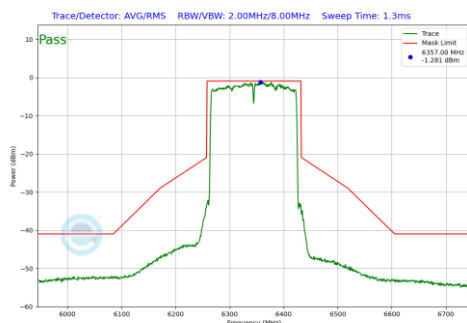
**Plot 7-529 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.99)**



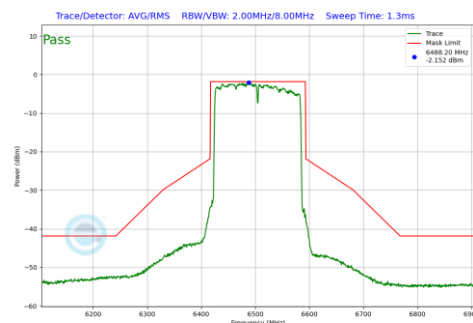
**Plot 7-526 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.87)**



**Plot 7-530 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)**

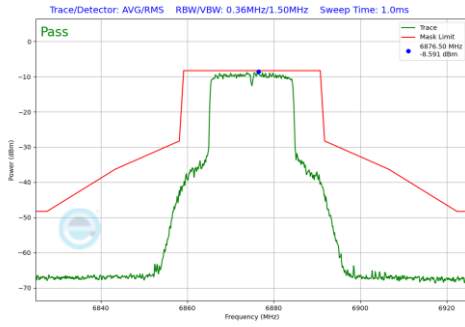


**Plot 7-527 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.79)**

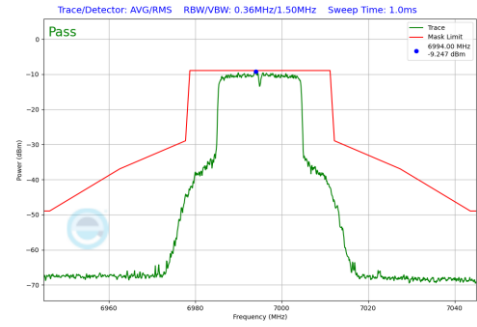


**Plot 7-531 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)**

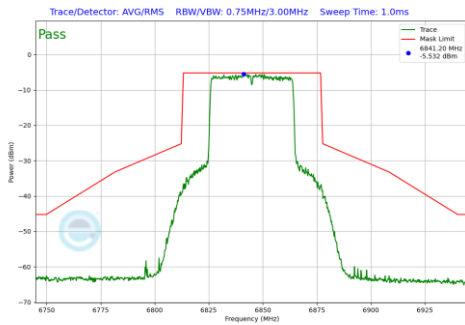
|                                            |                                                                                     |                                       |  |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            |  | Page 205 of 418                   |



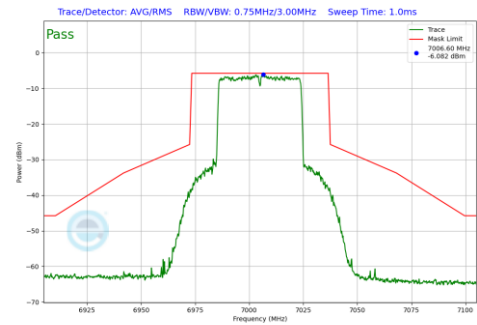
**Plot 7-532 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.185)**



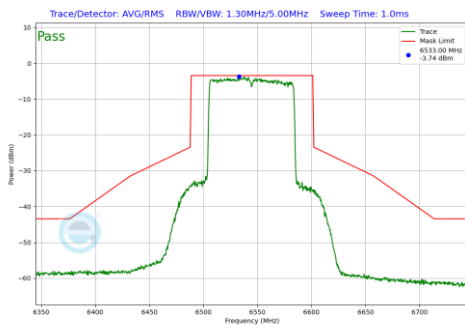
**Plot 7-536 In-Band Emission Plot Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 8) - Ch.209)**



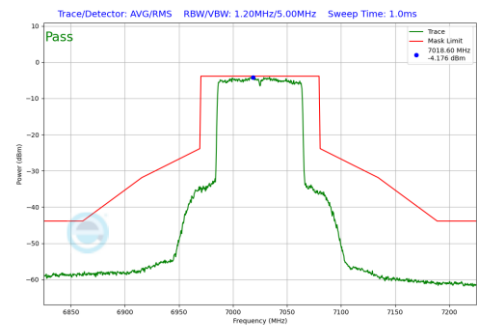
**Plot 7-533 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.179)**



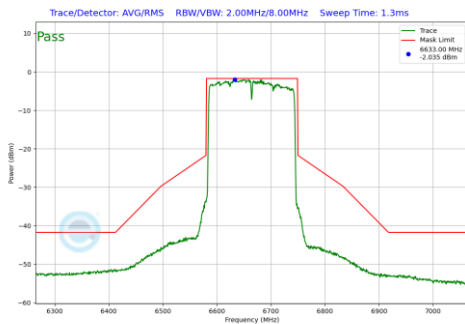
**Plot 7-537 In-Band Emission Plot Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 8) - Ch.211)**



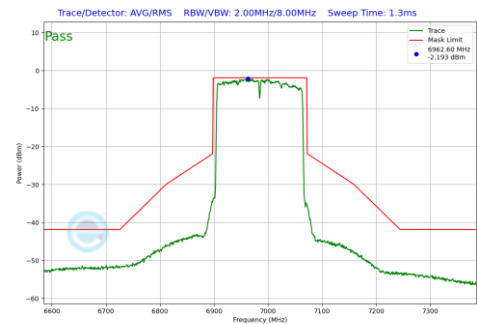
**Plot 7-534 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.119)**



**Plot 7-538 In-Band Emission Plot Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 8) - Ch.215)**



**Plot 7-535 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.143)**



**Plot 7-539 In-Band Emission Plot Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 8) - Ch.207)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     |                                       | Page 206 of 418                   |
| Test Dates:<br>09/18/2025 - 12/2/2025      | EUT Type:<br>Tablet Device                                                          |                                       |                                   |

### 7.5.3 Antenna WF7a In-Band Emission Measurements – SP

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|---------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 5965            | 3       | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6165            | 43      | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6405            | 91      | be (40MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 26      | 36       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 26      | 0-L      | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6445            | 99      | be (40MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6485            | 107     | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6525            | 115     | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 26      | 8        | MCS5      | Pass              |
|        | 6855            | 181     | be (20MHz)  | 26      | 0        | MCS5      | Pass              |
|        | 6725            | 155     | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6845            | 179     | be (40MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 26      | 36       | MCS5      | Pass              |
|        | 6785            | 167     | be (80MHz)  | 26      | 17       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 26      | 36-L     | MCS5      | Pass              |

**Table 7-110. In-Band Measurements Antenna WF7a (RU26)**

|                                            |                                                                                     |                                       |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     | Test Dates:<br>09/18/2025 - 12/2/2025 | EUT Type:<br>Tablet Device | Page 207 of 418                   |

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|        | Frequency<br>[MHz] | Channel | 802.11<br>MODE | RU Size     | RU Index | Data Rate | In-Band<br>Emission |
|--------|--------------------|---------|----------------|-------------|----------|-----------|---------------------|
| Band 5 | 5955               | 1       | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6175               | 45      | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6415               | 93      | be (20MHz)     | 106+26      | 83       | MCS5      | Pass                |
|        | 5985               | 7       | be (80MHz)     | 484+242     | 90       | MCS5      | Pass                |
|        | 6145               | 39      | be (80MHz)     | 484+242     | 91       | MCS5      | Pass                |
|        | 6385               | 87      | be (80MHz)     | 484+242     | 91       | MCS5      | Pass                |
|        | 6025               | 15      | be (160MHz)    | 996+484+242 | 98-L     | MCS5      | Pass                |
|        | 6185               | 47      | be (160MHz)    | 996+484+242 | 97-L     | MCS5      | Pass                |
|        | 6345               | 79      | be (160MHz)    | 996+484+242 | 97-L     | MCS5      | Pass                |
| Band 6 | 6435               | 97      | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6475               | 105     | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6515               | 113     | be (20MHz)     | 106+26      | 83       | MCS5      | Pass                |
|        | 6465               | 103     | be (80MHz)     | 484+242     | 92       | MCS5      | Pass                |
|        | 6505               | 111     | be (160MHz)    | 996+484+242 | 97-L     | MCS5      | Pass                |
| Band 7 | 6535               | 117     | be (20MHz)     | 106+26      | 83       | MCS5      | Pass                |
|        | 6695               | 149     | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6855               | 181     | be (20MHz)     | 106+26      | 82       | MCS5      | Pass                |
|        | 6545               | 119     | be (80MHz)     | 484+242     | 92       | MCS5      | Pass                |
|        | 6705               | 151     | be (80MHz)     | 484+242     | 91       | MCS5      | Pass                |
|        | 6785               | 167     | be (80MHz)     | 484+242     | 91       | MCS5      | Pass                |
|        | 6665               | 143     | be (160MHz)    | 996+484+242 | 99-L     | MCS5      | Pass                |

**Table 7-111. In-Band Measurements Antenna WF7a (MRU)**

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device |                                       | Page 208 of 418                   |

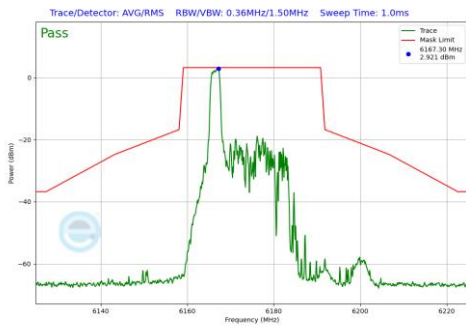
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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|---------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 5965            | 3       | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6165            | 43      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6405            | 91      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
|        | 6345            | 79      | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 6 | 6435            | 97      | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6445            | 99      | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6485            | 107     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6525            | 115     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6505            | 111     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |
| Band 7 | 6535            | 117     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6855            | 181     | be (20MHz)  | 242     | 61       | MCS5      | Pass              |
|        | 6725            | 155     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6845            | 179     | be (40MHz)  | 484     | 65       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6785            | 167     | be (80MHz)  | 996     | 67       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 996x2   | 68       | MCS5      | Pass              |

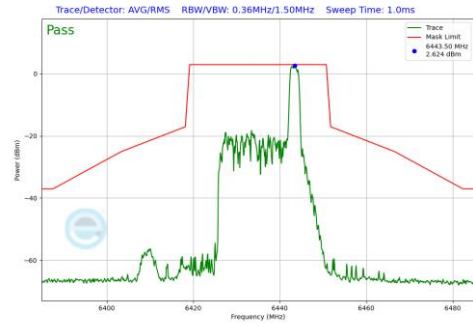
**Table 7-112. In-Band Measurements Antenna WF7a (Fully – Loaded RU)**

|                                            |                                                                                     |                                       |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG |                                                                                     | Test Dates:<br>09/18/2025 - 12/2/2025 | EUT Type:<br>Tablet Device | Page 209 of 418                   |

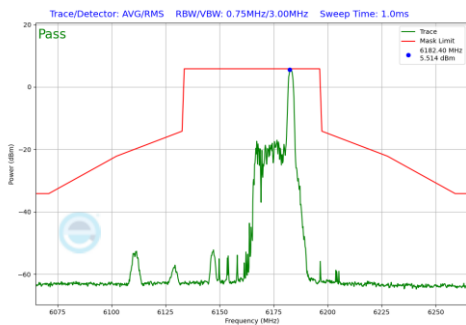
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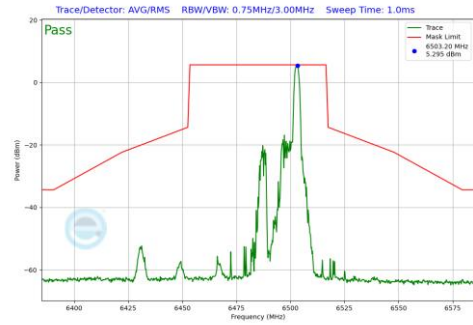
**Plot 7-540 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.45)**



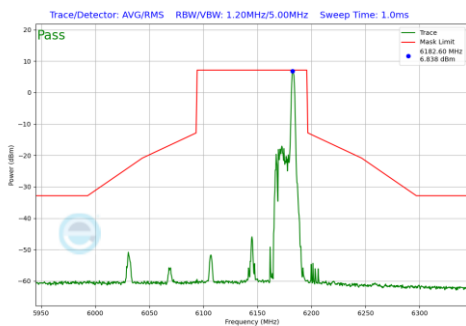
**Plot 7-544 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 6) - Ch.97)**



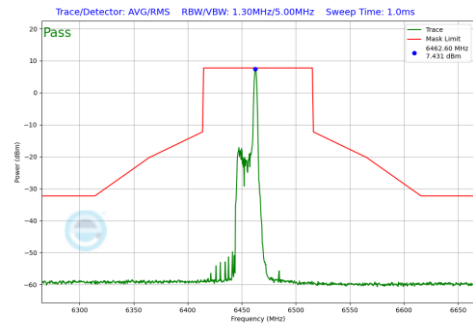
**Plot 7-541 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 5) - Ch.43)**



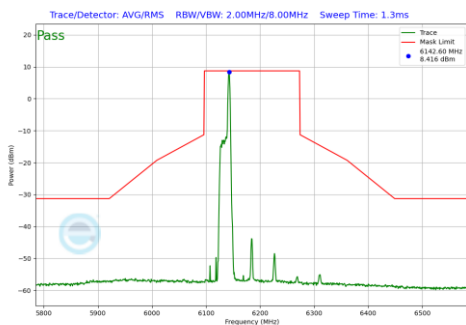
**Plot 7-545 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.107)**



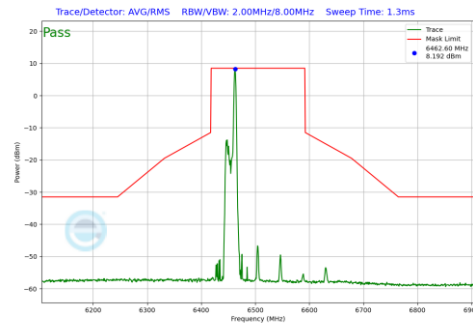
**Plot 7-542 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index36 (UNII Band 5) - Ch.39)**



**Plot 7-546 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.103)**

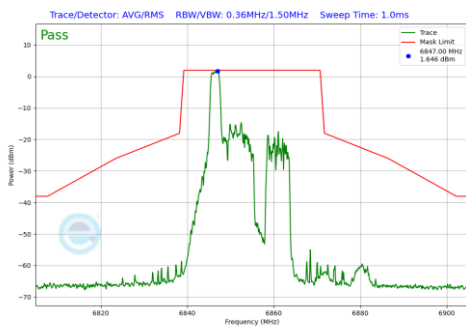


**Plot 7-543 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 5) - Ch.47)**

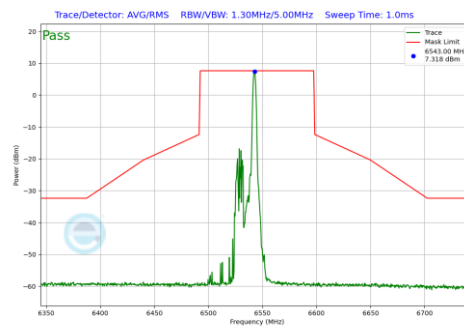


**Plot 7-547 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.111)**

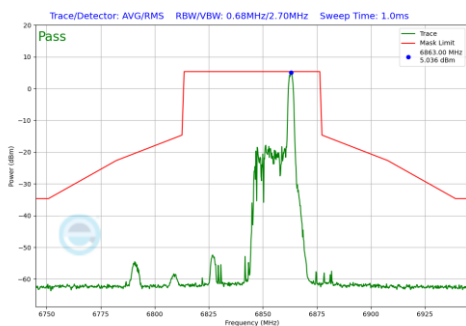
|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 210 of 418                          |
| <b>Test Dates:</b><br>09/18/2025 - 12/2/2025      | <b>EUT Type:</b><br>Tablet Device                                                   |                                               |                                          |



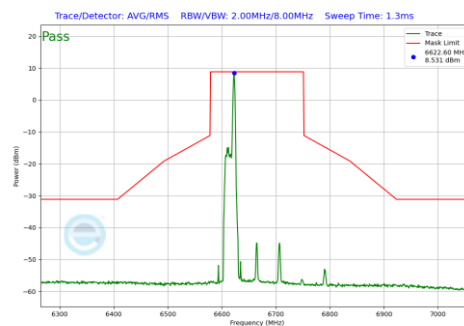
**Plot 7-548 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.181)**



**Plot 7-550 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 7) - Ch.119)**



**Plot 7-549 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 7) - Ch.179)**

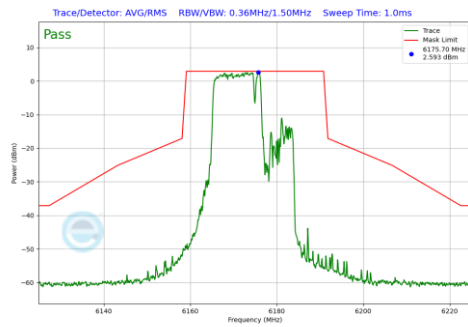


**Plot 7-551 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 7) - Ch.143)**

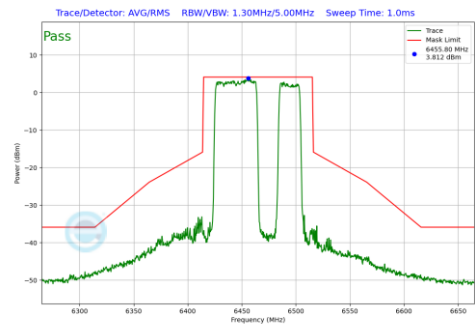
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device |                                       | Page 211 of 418                   |

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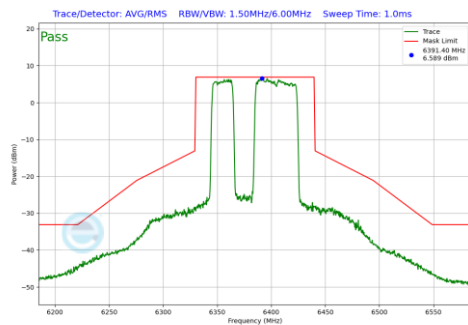
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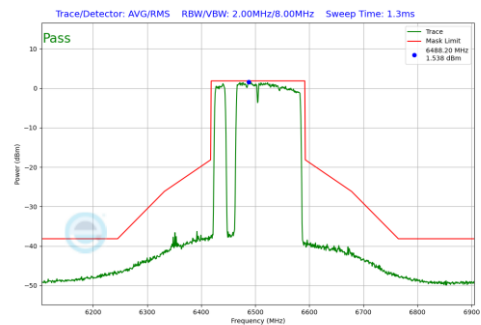
**Plot 7-552 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 5) - Ch.45)**



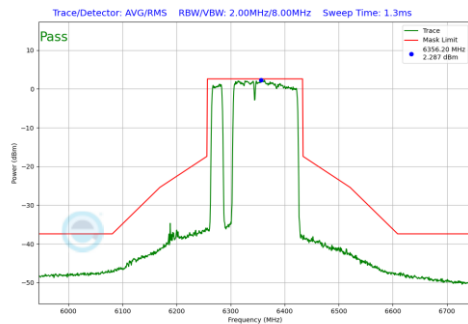
**Plot 7-556 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 6) - Ch.103)**



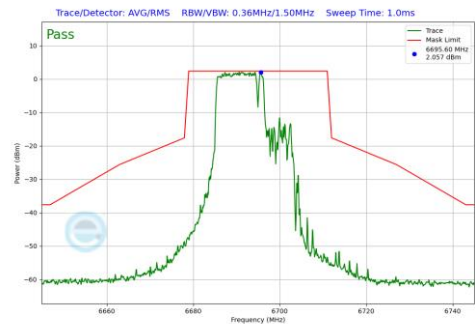
**Plot 7-553 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 (UNII Band 5) - Ch.87)**



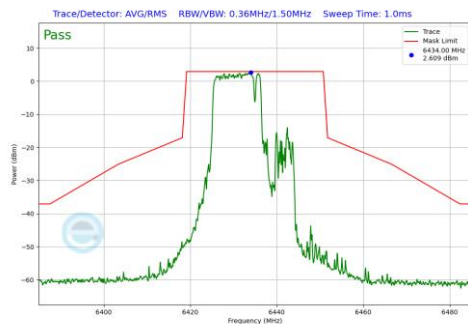
**Plot 7-557 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index97 (UNII Band 6) - Ch.111)**



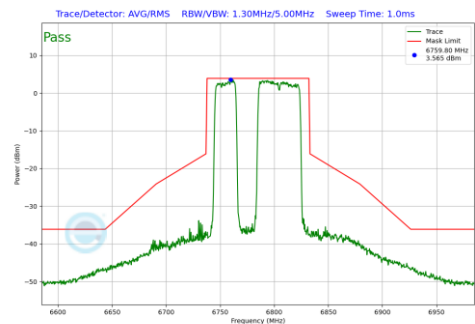
**Plot 7-554 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index97 (UNII Band 5) - Ch.79)**



**Plot 7-558 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 7) - Ch.149)**

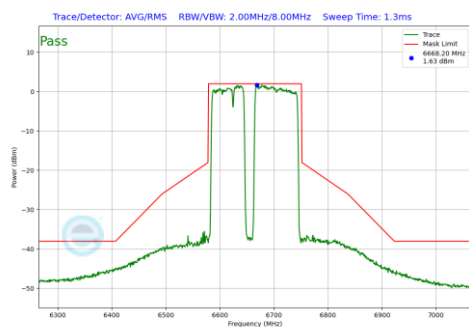


**Plot 7-555 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 6) - Ch.97)**



**Plot 7-559 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 (UNII Band 7) - Ch.167)**

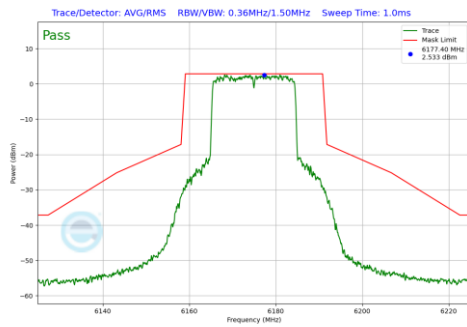
|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 212 of 418                          |
| <b>Test Dates:</b><br>09/18/2025 - 12/2/2025      | <b>EUT Type:</b><br>Tablet Device                                                   |                                               |                                          |



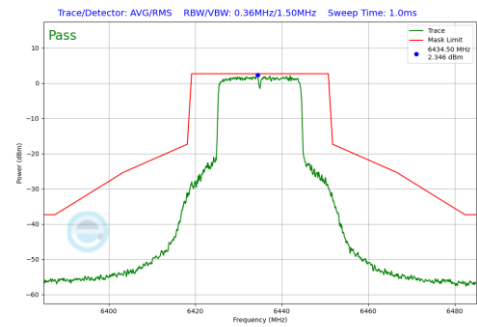
**Plot 7-560 In-Band Emission Plot Antenna WF7a (160MHz BW  
802.11be(RU) RU996+484+242 Index99 (UNII Band 7) - Ch.143)**

|                                                   |                                                                                     |                                   |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3459<br><b>IC:</b> 579C-A3459  |  |                                   | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/2/2025                                        | <b>EUT Type:</b><br>Tablet Device |                                               | Page 213 of 418                          |

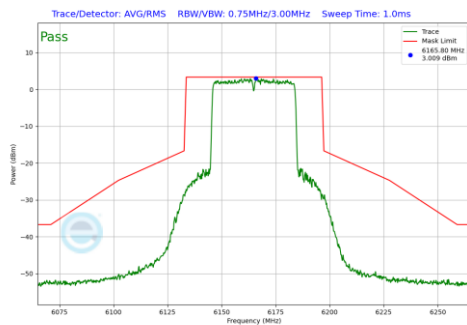
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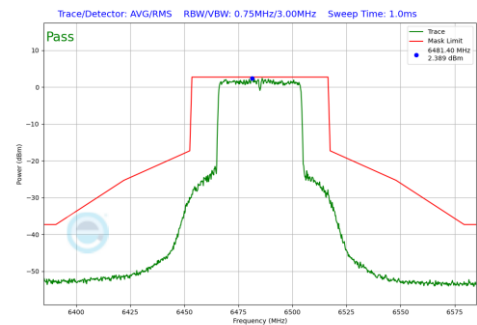
Plot 7-561 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.45)



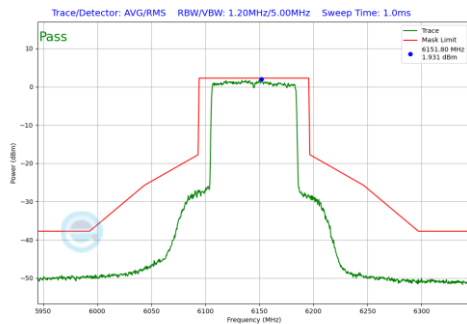
Plot 7-565 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.97)



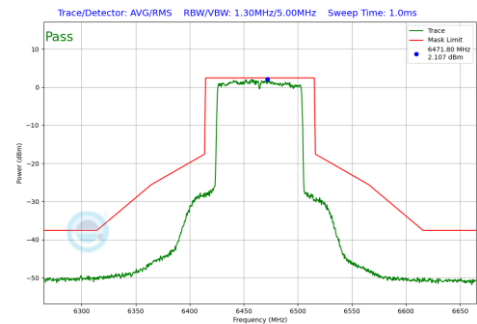
Plot 7-562 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.43)



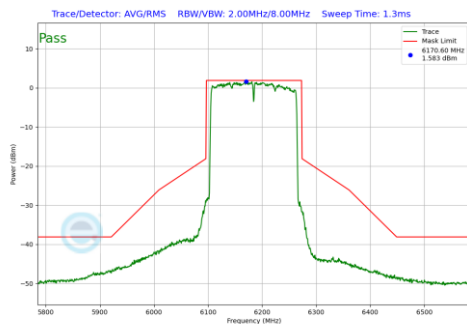
Plot 7-566 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.107)



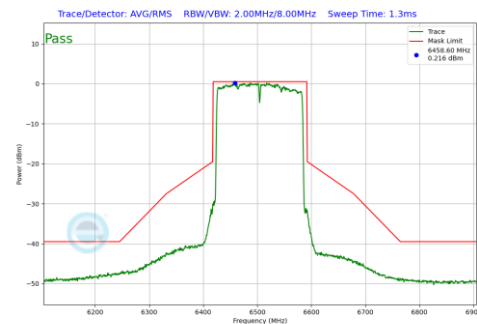
Plot 7-563 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.39)



Plot 7-567 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)

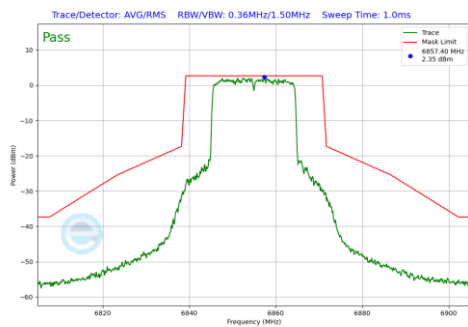


Plot 7-564 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.47)

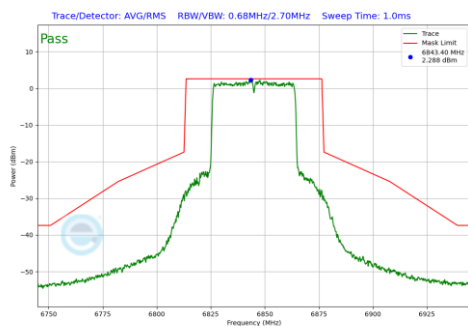


Plot 7-568 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)

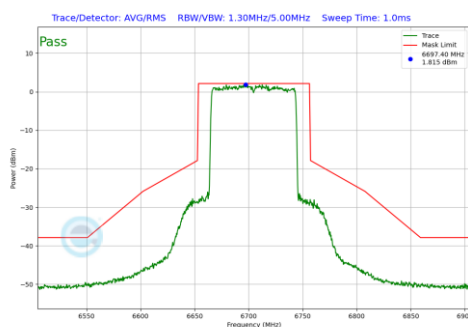
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                               | EUT Type:<br>Tablet Device            | Page 214 of 418                   |



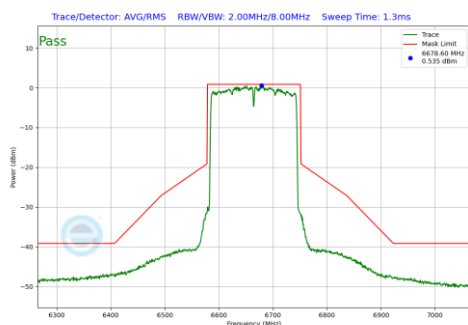
**Plot 7-569 In-Band Emission Plot Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.181)**



**Plot 7-570 In-Band Emission Plot Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.179)**



**Plot 7-571 In-Band Emission Plot Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.151)**



**Plot 7-572 In-Band Emission Plot Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.143)**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG |                                                                                     |                                               | Page 215 of 418                          |
| <b>Test Dates:</b><br>09/18/2025 - 12/2/2025      | <b>EUT Type:</b><br>Tablet Device                                                   |                                               |                                          |

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## 7.5.4 Antenna WF7a In-Band Emissions Measurements – LPI

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate | In-Band Emission |
|--------|-----------------|---------|-------------|---------|----------|-----------|------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6175            | 45      | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6415            | 93      | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 5965            | 3       | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6165            | 43      | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6405            | 91      | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 5985            | 7       | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6145            | 39      | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6385            | 87      | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6025            | 15      | be (160MHz) | 26      | 0-L      | MCS5      | Pass             |
|        | 6185            | 47      | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
|        | 6345            | 79      | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
| Band 6 | 6435            | 97      | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6475            | 105     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6515            | 113     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6445            | 99      | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6485            | 107     | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6525            | 115     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6465            | 103     | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 6505            | 111     | be (160MHz) | 26      | 0-L      | MCS5      | Pass             |
| Band 7 | 6535            | 117     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6695            | 149     | be (20MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6875            | 185     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6725            | 155     | be (40MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6845            | 179     | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6545            | 119     | be (80MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6705            | 151     | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6865            | 183     | be (80MHz)  | 26      | 0        | MCS5      | Pass             |
|        | 6665            | 143     | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |
|        | 6825            | 175     | be (160MHz) | 26      | 0-L      | MCS5      | Pass             |
| Band 8 | 6895            | 189     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6995            | 209     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 7095            | 229     | be (20MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6885            | 187     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 7005            | 211     | be (40MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 7085            | 227     | be (40MHz)  | 26      | 8        | MCS5      | Pass             |
|        | 6945            | 199     | be (80MHz)  | 26      | 36       | MCS5      | Pass             |
|        | 7025            | 215     | be (80MHz)  | 26      | 17       | MCS5      | Pass             |
|        | 6985            | 207     | be (160MHz) | 26      | 36-H     | MCS5      | Pass             |

**Table 7-113. In-Band Measurements Antenna WF7a (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                                                                             | EUT Type:<br>Tablet Device | Page 216 of 418                   |

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|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size     | RU Index | Data Rate | In-Band Emissions |
|--------|-----------------|---------|-------------|-------------|----------|-----------|-------------------|
| Band 5 | 5955            | 1       | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6175            | 45      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6415            | 93      | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 5985            | 7       | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6145            | 39      | be (80MHz)  | 484+242     | 93       | MCS5      | Pass              |
|        | 6385            | 87      | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6025            | 15      | be (160MHz) | 996+484+242 | 97-L     | MCS5      | Pass              |
|        | 6185            | 47      | be (160MHz) | 996+484+242 | 97-L     | MCS5      | Pass              |
| Band 6 | 6345            | 79      | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |
|        | 6435            | 97      | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6475            | 105     | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6515            | 113     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6465            | 103     | be (80MHz)  | 484+242     | 91       | MCS5      | Pass              |
| Band 7 | 6505            | 111     | be (160MHz) | 996+484+242 | 96-L     | MCS5      | Pass              |
|        | 6535            | 117     | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6695            | 149     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6875            | 185     | be (20MHz)  | 106+26      | 83       | MCS5      | Pass              |
|        | 6545            | 119     | be (80MHz)  | 484+242     | 93       | MCS5      | Pass              |
|        | 6705            | 151     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6865            | 183     | be (80MHz)  | 484+242     | 92       | MCS5      | Pass              |
|        | 6665            | 143     | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |
| Band 8 | 6825            | 175     | be (160MHz) | 996+484+242 | 98-L     | MCS5      | Pass              |
|        | 6895            | 189     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6995            | 209     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 7095            | 229     | be (20MHz)  | 106+26      | 82       | MCS5      | Pass              |
|        | 6945            | 199     | be (80MHz)  | 484+242     | 93       | MCS5      | Pass              |
|        | 7025            | 215     | be (80MHz)  | 484+242     | 91       | MCS5      | Pass              |
|        | 6985            | 207     | be (160MHz) | 996+484+242 | 99-L     | MCS5      | Pass              |

**Table 7-114. In-Band Measurements Antenna WF7a (MRU)**

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-16-R5.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/2/2025                                                                                      | <b>EUT Type:</b><br>Tablet Device | Page 217 of 418                          |

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|        | Frequency<br>[MHz] | Channel | 802.11<br>MODE | RU Size | RU Index | Data Rate | In-Band<br>Emissions |
|--------|--------------------|---------|----------------|---------|----------|-----------|----------------------|
| Band 5 | 5955               | 1       | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6175               | 45      | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6415               | 93      | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 5965               | 3       | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6165               | 43      | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6405               | 91      | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 5985               | 7       | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6145               | 39      | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6385               | 87      | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6025               | 15      | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
|        | 6185               | 47      | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
| Band 6 | 6345               | 79      | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
|        | 6435               | 97      | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6475               | 105     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6515               | 113     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6445               | 99      | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6485               | 107     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6525               | 115     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6465               | 103     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
| Band 7 | 6505               | 111     | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
|        | 6535               | 117     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6695               | 149     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6875               | 185     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6725               | 155     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6845               | 179     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6545               | 119     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6705               | 151     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6865               | 183     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6665               | 143     | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
| Band 8 | 6825               | 175     | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |
|        | 6895               | 189     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6995               | 209     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 7115               | 233     | be (20MHz)     | 242     | 61       | MCS5      | Pass                 |
|        | 6885               | 187     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 7005               | 211     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 7085               | 227     | be (40MHz)     | 484     | 65       | MCS5      | Pass                 |
|        | 6945               | 199     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 7025               | 215     | be (80MHz)     | 996     | 67       | MCS5      | Pass                 |
|        | 6985               | 207     | be (160MHz)    | 996x2   | 68       | MCS5      | Pass                 |

**Table 7-115. In-Band Measurements Antenna WF7a (Fully – Loaded RU)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459<br>IC: 579C-A3459         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-16-R5.BCG | Test Dates:<br>09/18/2025 - 12/2/2025                                                                                             | EUT Type:<br>Tablet Device | Page 218 of 418                   |

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