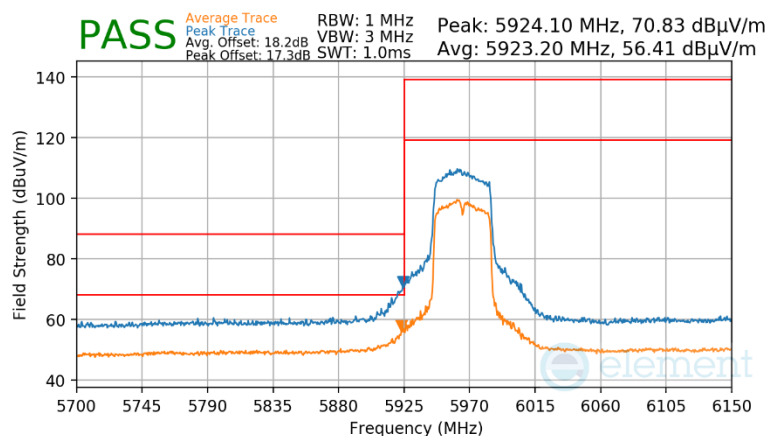


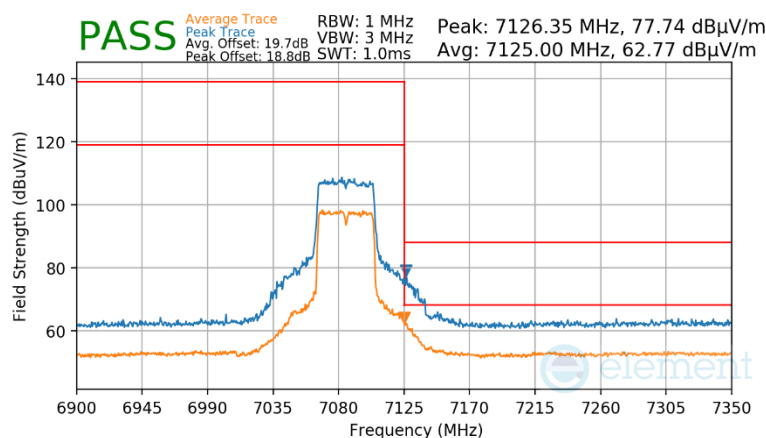
## 7.7.12 Antenna 2a Radiated Band Edge Measurements (40MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5965MHz     |
| Channel                 | 3           |



Plot 7-580 Antenna 2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7085MHz     |
| Channel                 | 227         |



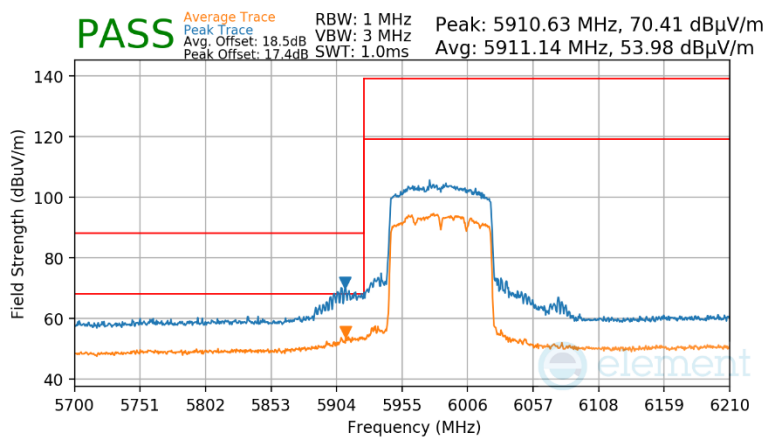
Plot 7-581 Antenna 2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 211 of 239                   |

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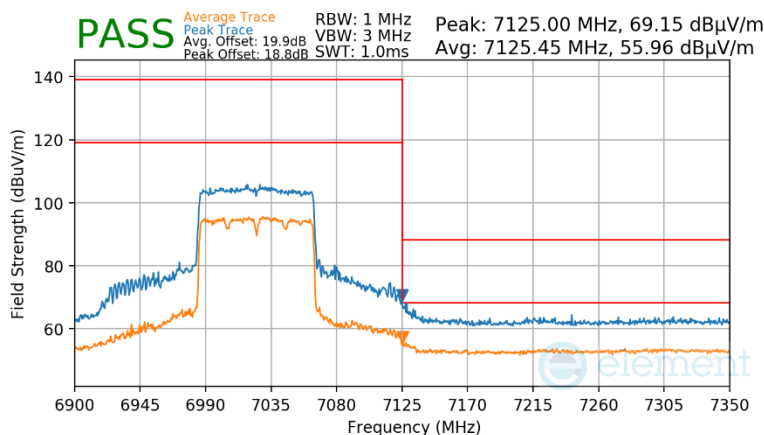
## 7.7.13 Antenna 2a Radiated Band Edge Measurements (80MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5985MHz     |
| Channel                 | 7           |



Plot 7-582 Antenna 2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7025MHz     |
| Channel                 | 215         |



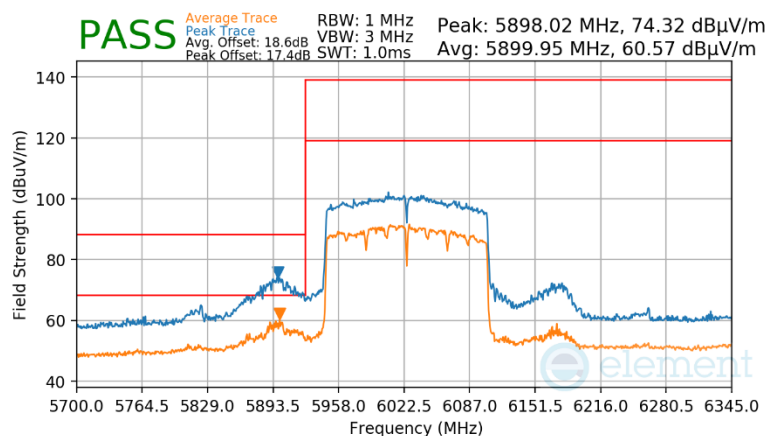
Plot 7-583 Antenna 2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 212 of 239                   |

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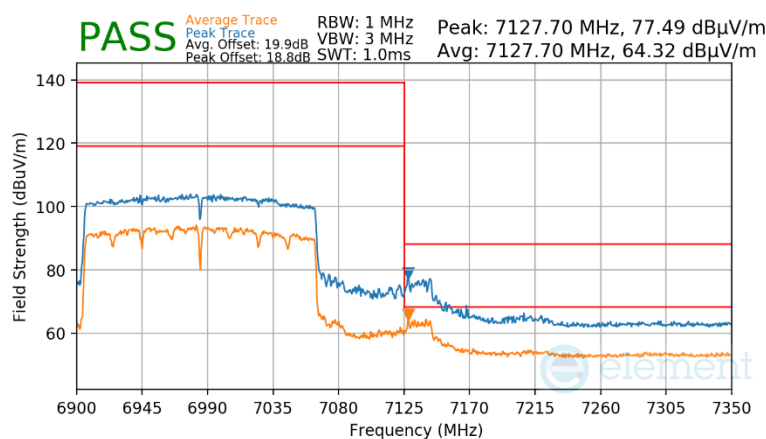
## 7.7.14 Antenna 2a Radiated Band Edge Measurements (160MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6025MHz     |
| Channel                 | 15          |



Plot 7-584 Antenna 2a Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6985MHz     |
| Channel                 | 207         |



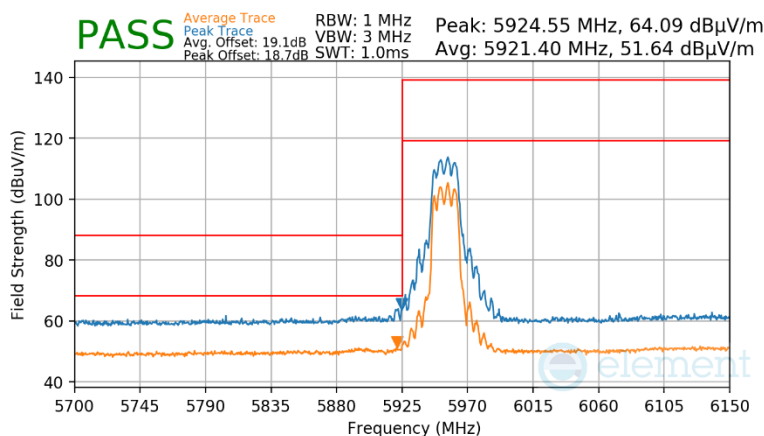
Plot 7-585 Antenna 2a Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 213 of 239                   |

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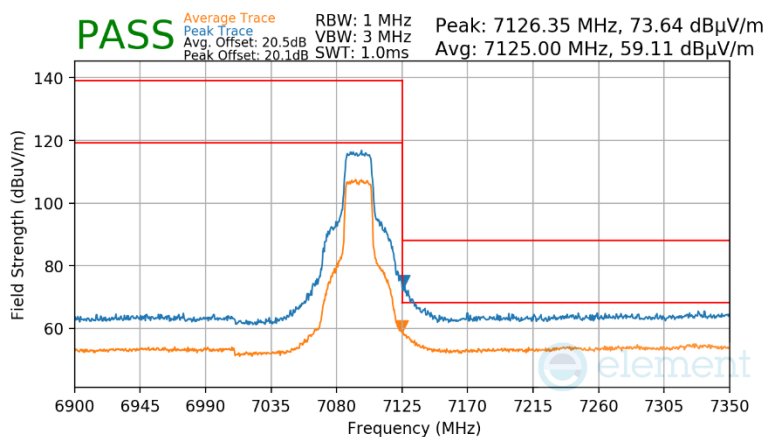
## 7.7.15 CDD/SDM Primary Radiated Band Edge Measurements (20MHz BW)

|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5955MHz  |
| Channel                 | 1        |



Plot 7-586 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 7095MHz  |
| Channel                 | 229      |

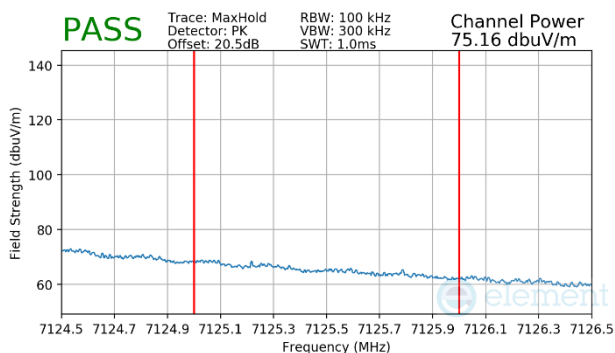


Plot 7-587 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

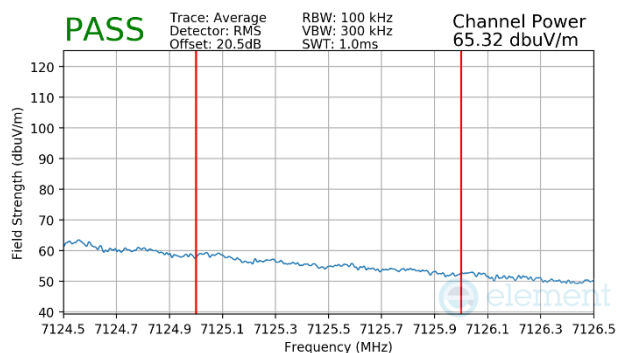
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 214 of 239                   |

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|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 7115MHz  |
| Channel                 | 233      |



**Plot 7-588 SDM Primary Radiated Upper Band Edge (Peak – UNII Band 8)**

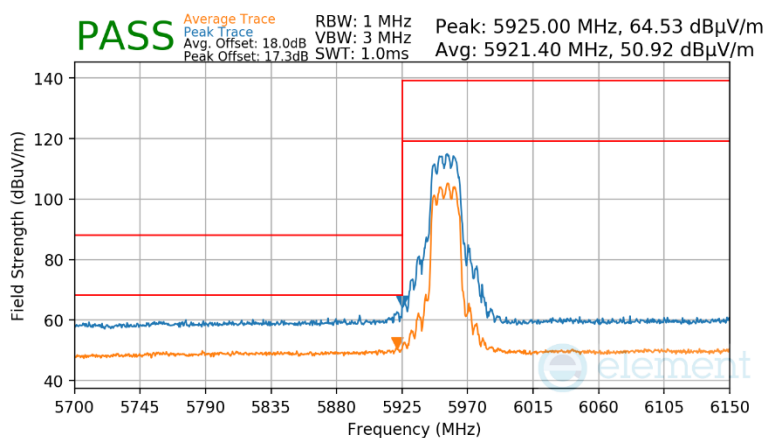


**Plot 7-589 SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 215 of 239                   |

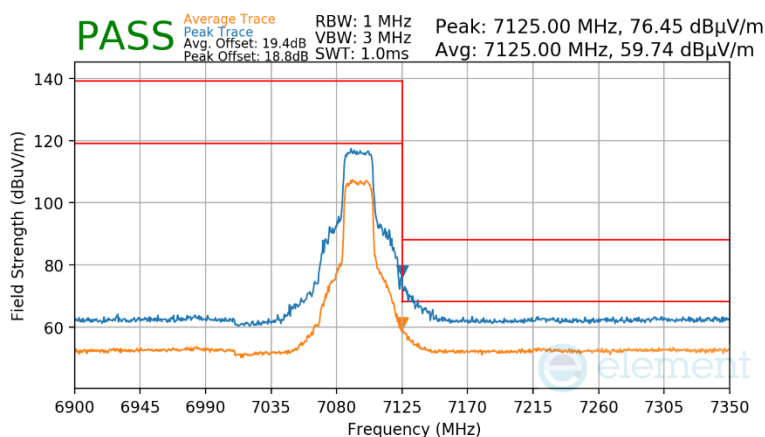
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|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5955MHz     |
| Channel                 | 1           |



Plot 7-590 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

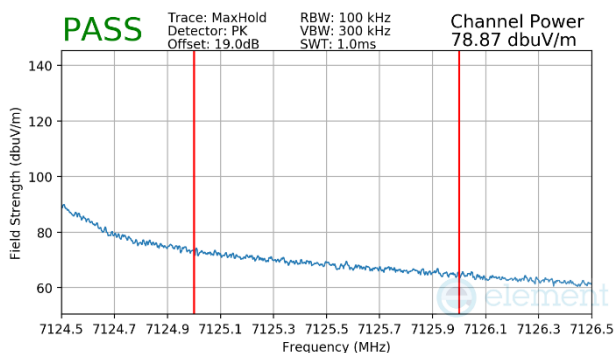
|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7095MHz     |
| Channel                 | 229         |



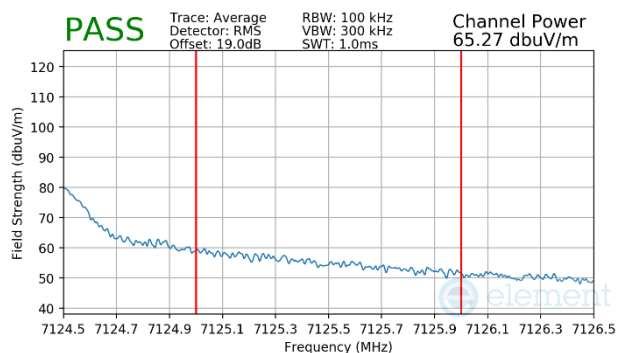
Plot 7-591 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 216 of 239                   |

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7115MHz     |
| Channel                 | 233         |



**Plot 7-592 SDM Primary Radiated Upper Band Edge (Peak – UNII Band 8)**



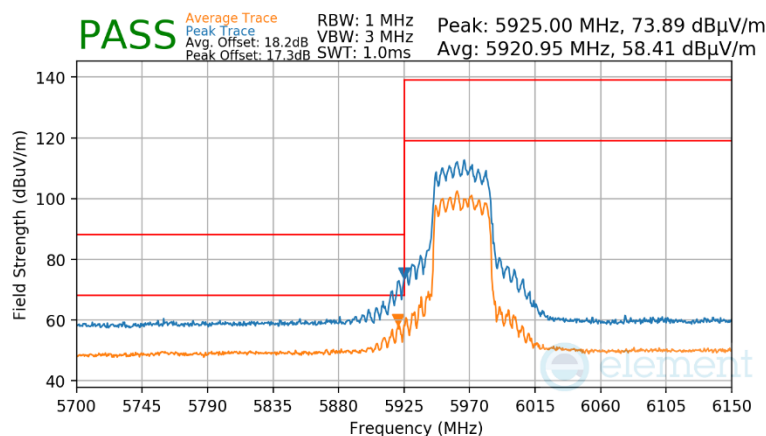
**Plot 7-593 SDM Primary Radiated Upper Band Edge (Average – UNII Band 8)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 217 of 239                   |

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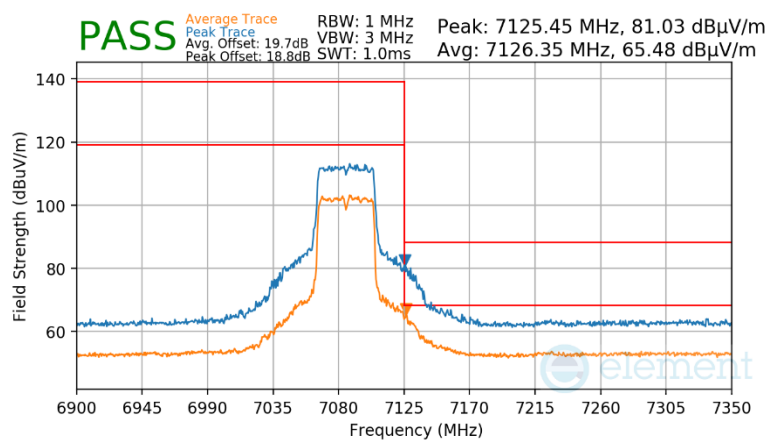
## 7.7.16 CDD/SDM Primary Radiated Band Edge Measurements (40MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5965MHz     |
| Channel                 | 3           |



Plot 7-594 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7085MHz     |
| Channel                 | 227         |



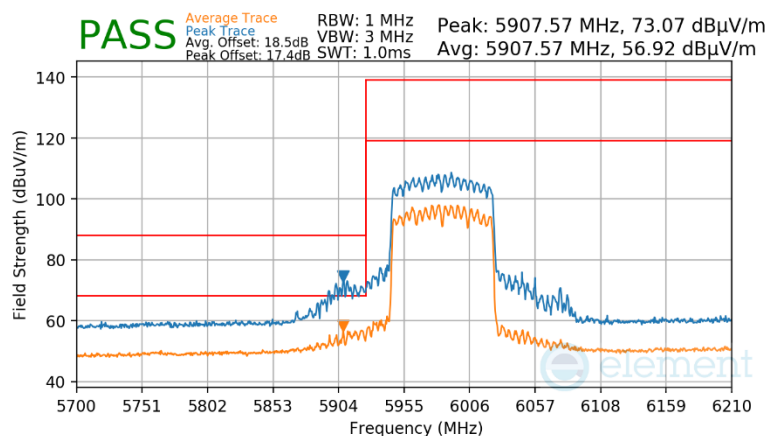
Plot 7-595 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 218 of 239                   |

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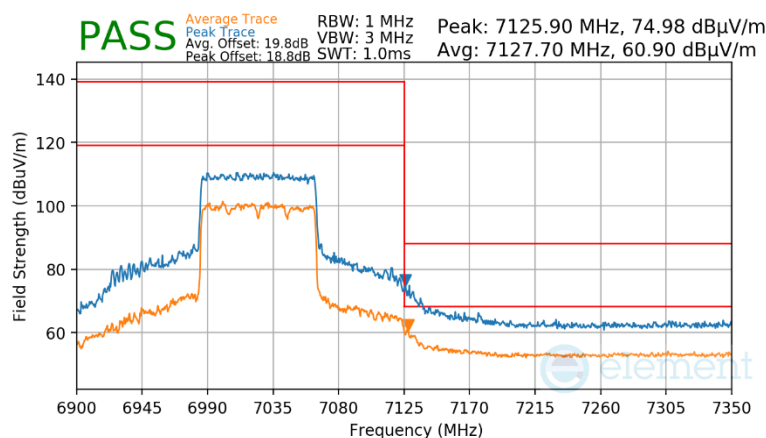
## 7.7.17 CDD/SDM Primary Radiated Band Edge Measurements (80MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5985MHz     |
| Channel                 | 7           |



Plot 7-596 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7025MHz     |
| Channel                 | 215         |



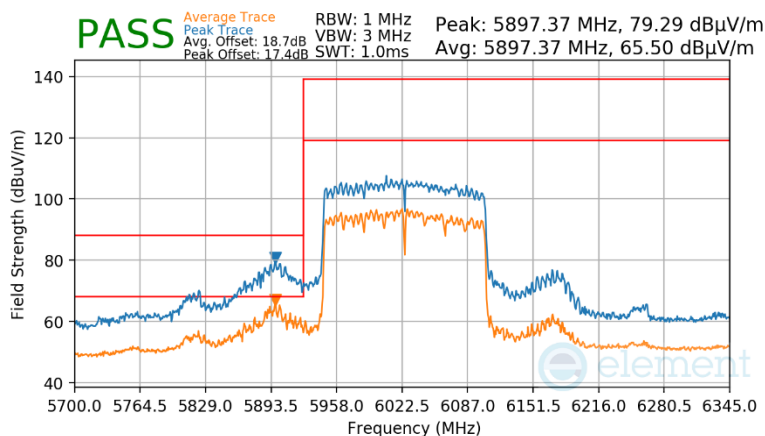
Plot 7-597 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 219 of 239                   |

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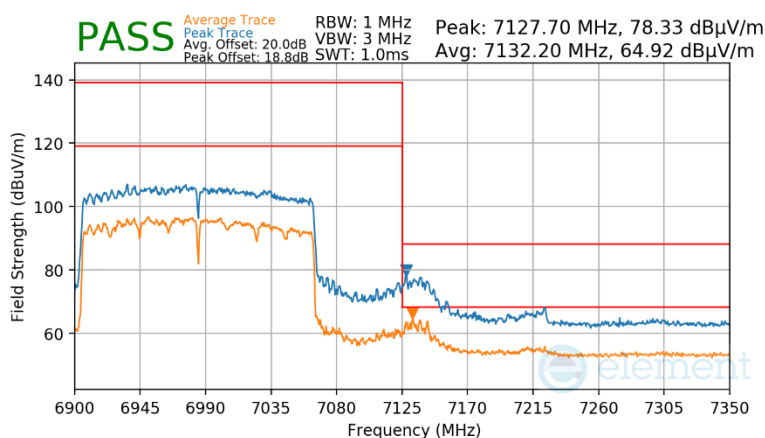
## 7.7.18 CDD/SDM Primary Radiated Band Edge Measurements (160MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6025MHz     |
| Channel                 | 15          |



Plot 7-598 CDD Primary Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6985MHz     |
| Channel                 | 207         |



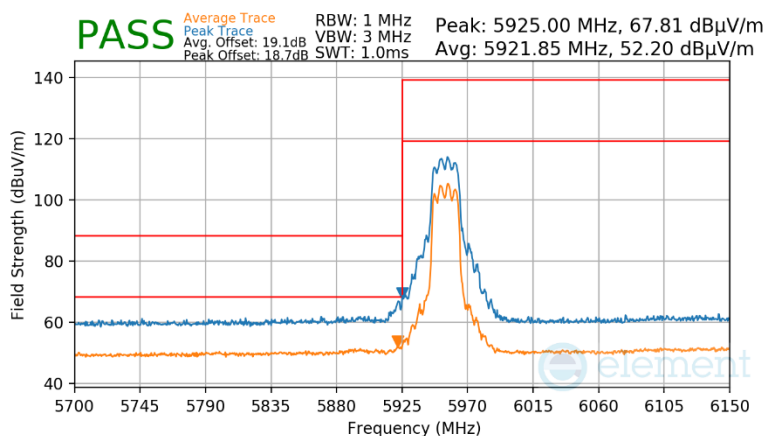
Plot 7-599 SDM Primary Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 220 of 239                   |

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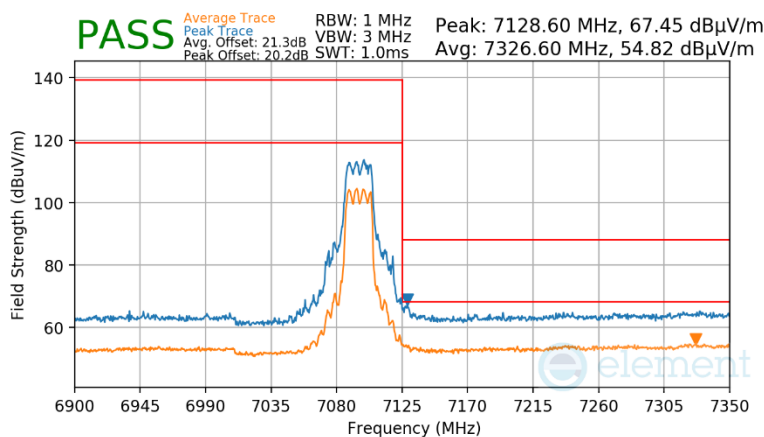
## 7.7.19 CDD/SDM Diversity Radiated Band Edge Measurements (20MHz BW)

|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5955MHz  |
| Channel                 | 1        |



Plot 7-600 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

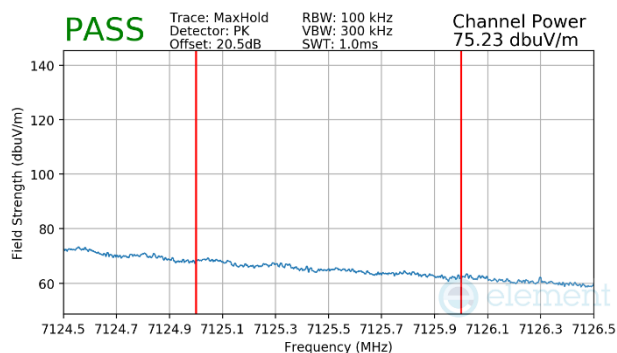
|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 7095MHz  |
| Channel                 | 229      |



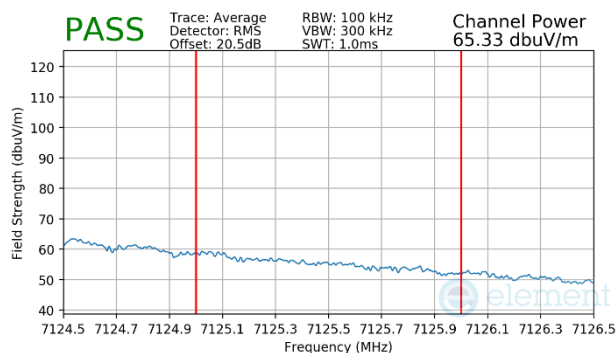
Plot 7-601 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 221 of 239                   |

|                         |          |
|-------------------------|----------|
| Mode                    | 802.11a  |
| Data Rate               | MCS54    |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 7115MHz  |
| Channel                 | 233      |



**Plot 7-602 SDM Diversity Radiated Upper Band Edge (Peak – UNII Band 8)**

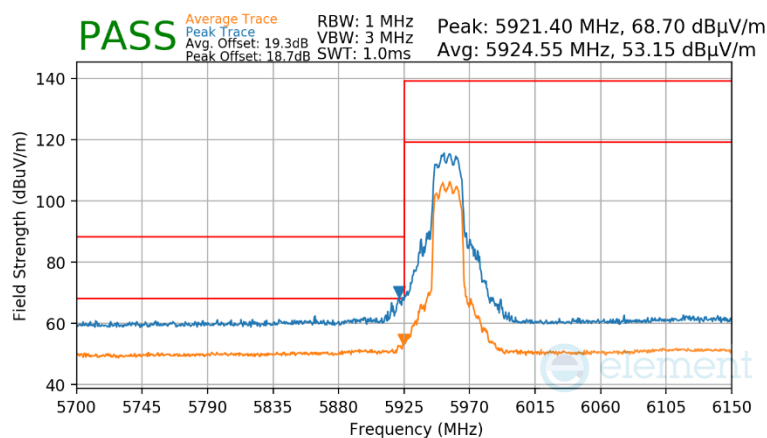


**Plot 7-603 SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 222 of 239                   |

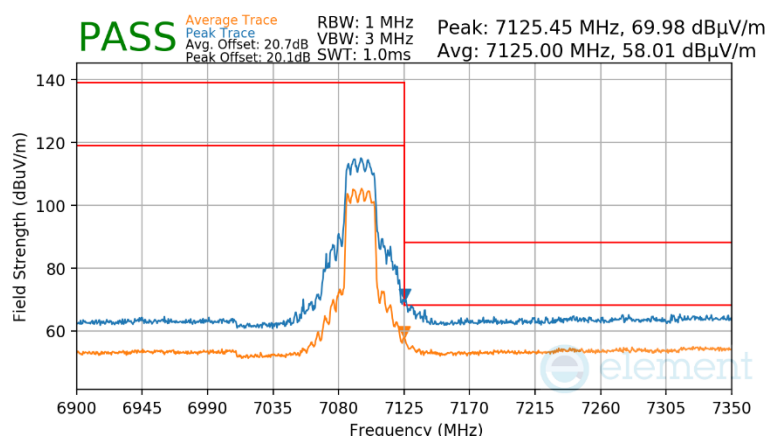
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|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5955MHz     |
| Channel                 | 1           |



Plot 7-604 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

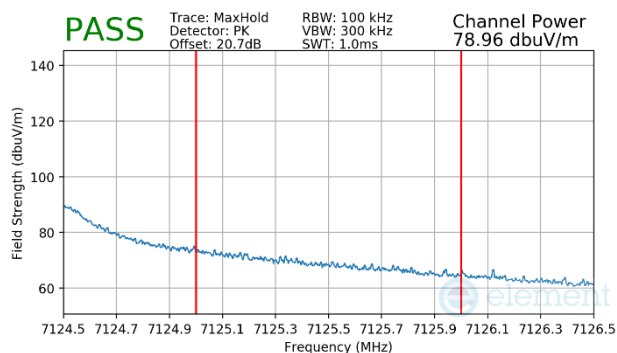
|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7095MHz     |
| Channel                 | 229         |



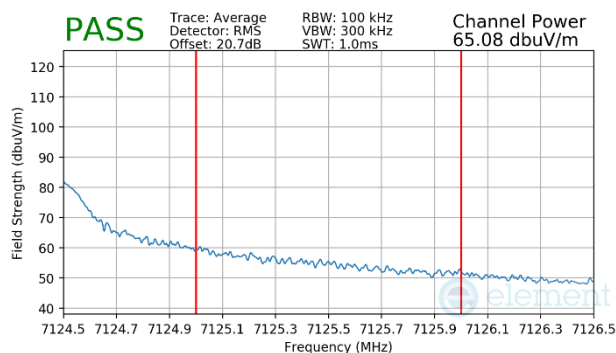
Plot 7-605 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 223 of 239                   |

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7115MHz     |
| Channel                 | 233         |



**Plot 7-606 SDM Diversity Radiated Upper Band Edge (Peak – UNII Band 8)**



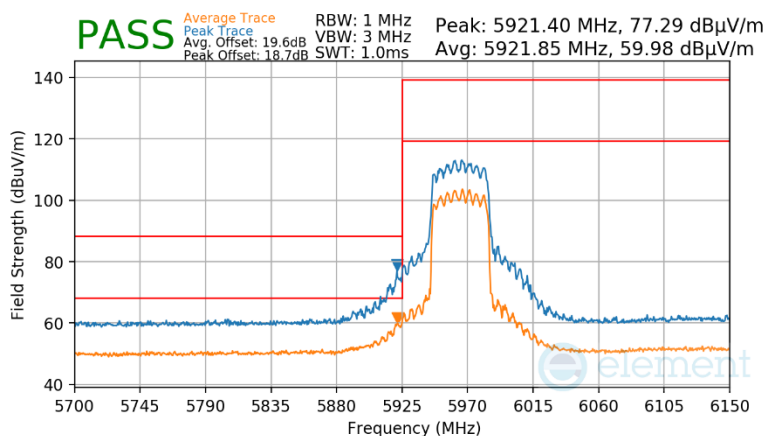
**Plot 7-607 SDM Diversity Radiated Upper Band Edge (Average – UNII Band 8)**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 224 of 239                   |

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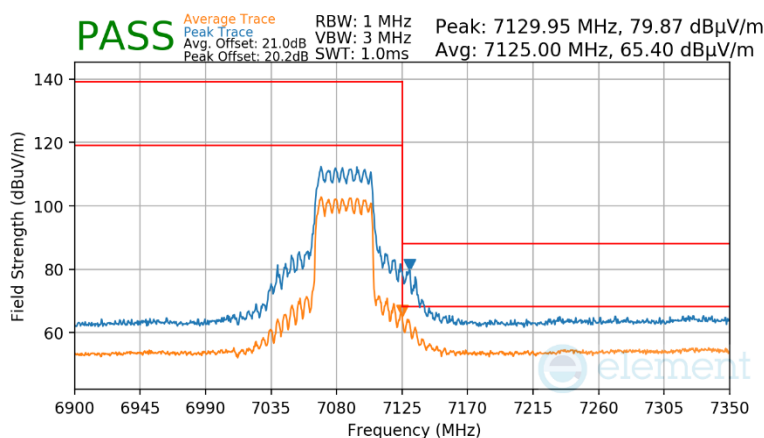
## 7.7.20 CDD/SDM Diversity Radiated Band Edge Measurements (40MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5965MHz     |
| Channel                 | 3           |



Plot 7-608 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7085MHz     |
| Channel                 | 227         |



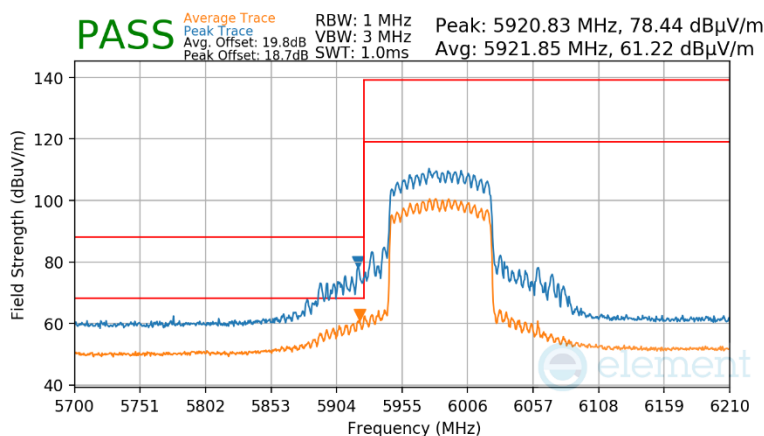
Plot 7-609 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 225 of 239                   |

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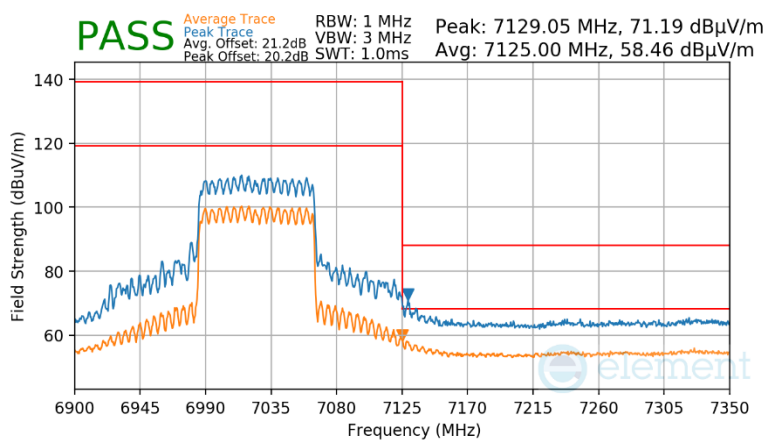
## 7.7.21 CDD/SDM Diversity Radiated Band Edge Measurements (80MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 5985MHz     |
| Channel                 | 7           |



Plot 7-610 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 7025MHz     |
| Channel                 | 215         |



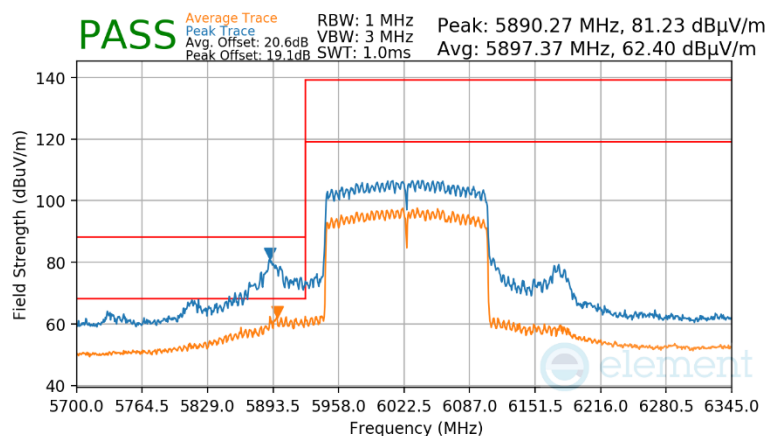
Plot 7-611 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 226 of 239                   |

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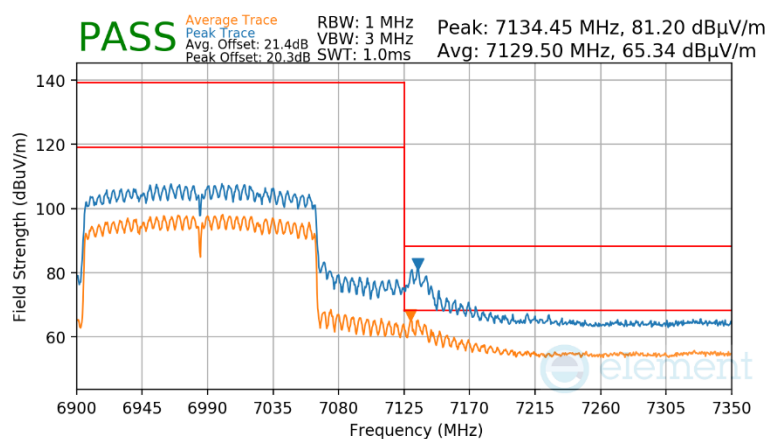
## 7.7.22 CDD/SDM Diversity Radiated Band Edge Measurements (160MHz BW)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6025MHz     |
| Channel                 | 15          |



Plot 7-612 CDD Diversity Radiated Lower Band Edge (Peak & Average – UNII Band 5)

|                         |             |
|-------------------------|-------------|
| Mode                    | 802.11be-SU |
| Data Rate               | MCS11       |
| Distance of Measurement | 3 Meters    |
| Operating Frequency     | 6985MHz     |
| Channel                 | 207         |



Plot 7-613 SDM Diversity Radiated Upper Band Edge (Peak & Average – UNII Band 8)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 227 of 239                   |

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## 7.8 Radiated Spurious Emissions – Below 1GHz

**§15.209; RSS-Gen [8.9]**

### Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

***All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-106 per Section 15.209 and RSS-Gen (8.9).***

| Frequency         | Field Strength<br>[μV/m] | Measured Distance<br>[Meters] |
|-------------------|--------------------------|-------------------------------|
| 0.009 – 0.490 MHz | 2400/F (kHz)             | 300                           |
| 0.490 – 1.705 MHz | 24000/F (kHz)            | 30                            |
| 1.705 – 30.00 MHz | 30                       | 30                            |
| 30.00 – 88.00 MHz | 100                      | 3                             |
| 88.00 – 216.0 MHz | 150                      | 3                             |
| 216.0 – 960.0 MHz | 200                      | 3                             |
| Above 960.0 MHz   | 500                      | 3                             |

**Table 7-106. Radiated Limits**

### Test Procedures Used

ANSI C63.10-2020

### Test Settings

#### Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

#### Peak Field Strength Measurements

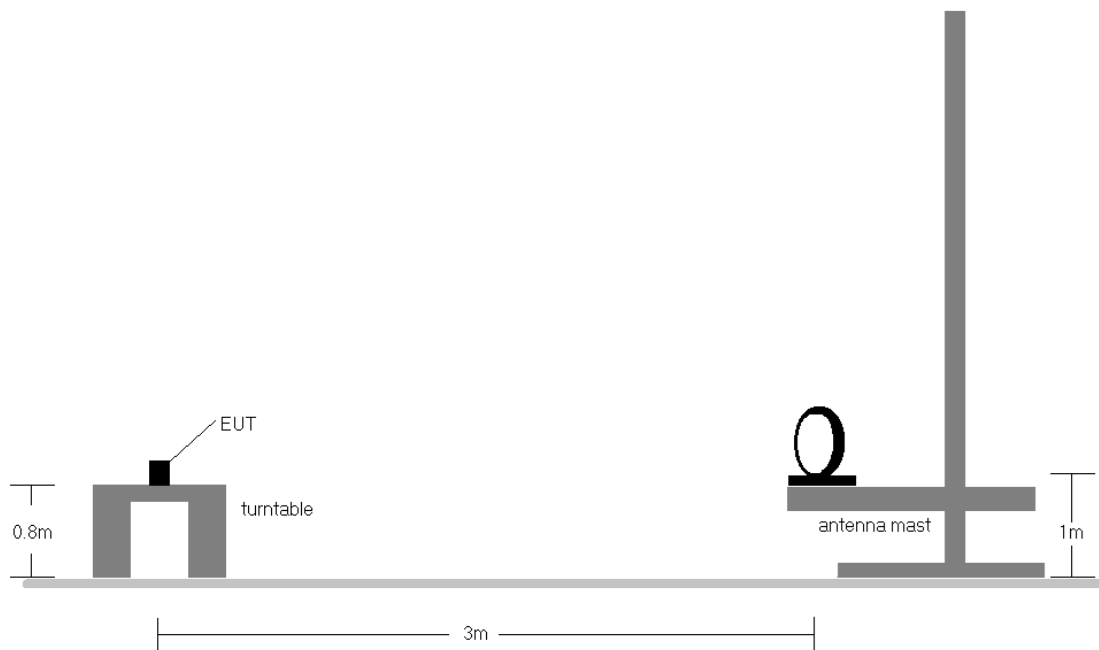
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = quasi-peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 228 of 239                   |

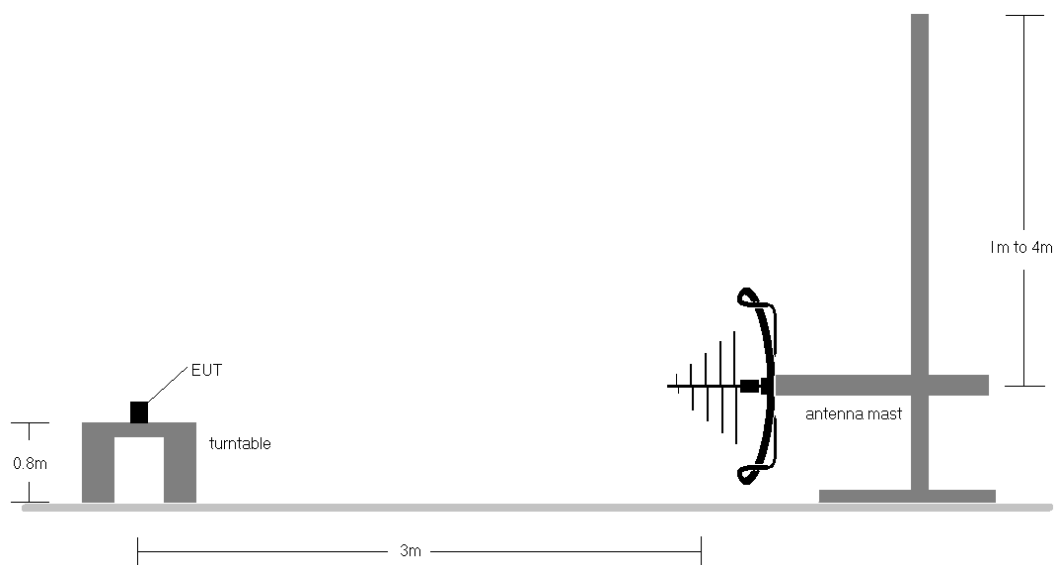
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## Test Setup

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



**Figure 7-7. Radiated Test Setup < 30MHz**



**Figure 7-8. Radiated Test Setup < 1GHz**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 229 of 239                          |

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## Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-106.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector on emissions that were within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. Both configurations below were investigated, and the worst case has been reported.
  - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
  - b. EUT powered by host PC via USB-C cable with wire charger
10. All antenna configurations were investigated and only the worst case is reported.
11. The unit was tested with all possible modes and only the highest emission is reported.

## Sample Calculations

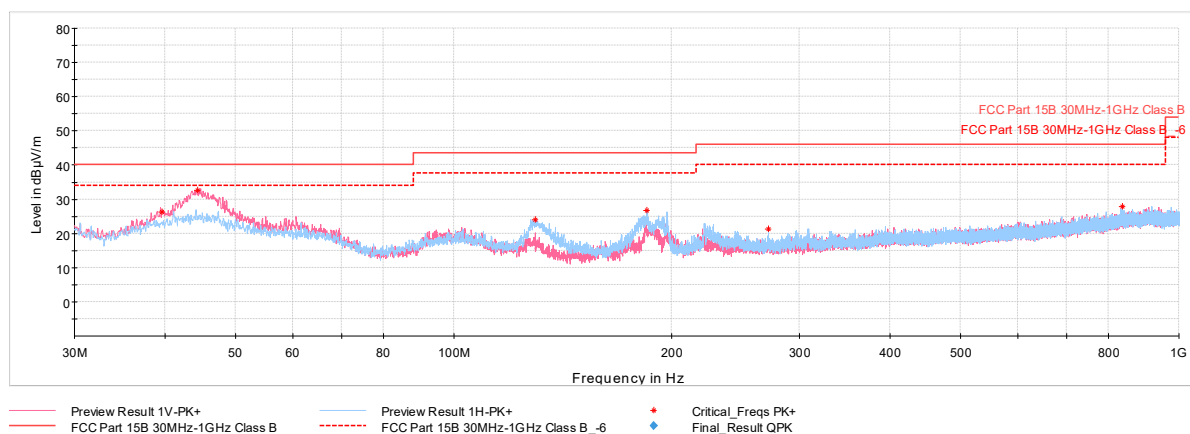
### Determining Spurious Emissions Levels

- Field Strength Level  $_{[dB\mu V/m]} = \text{Analyzer Level}_{[dBm]} + 107 + \text{AFCL}_{[dB/m]}$
- $\text{AFCL}_{[dB/m]} = \text{Antenna Factor}_{[dB/m]} + \text{Cable Loss}_{[dB]} - \text{Preamp Gain}_{[dB]}$
- $\text{Margin}_{[dB]} = \text{Field Strength Level}_{[dB\mu V/m]} - \text{Limit}_{[dB\mu V/m]}$

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 230 of 239                          |

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## 7.8.1 CDD Primary Radiated Spurious Emissions Measurements (Below 1GHz)



**Plot 7-614. Radiated Spurious Emissions below 1GHz CDD Primary, 802.11be, Ch.45 with AC/DC adapter**

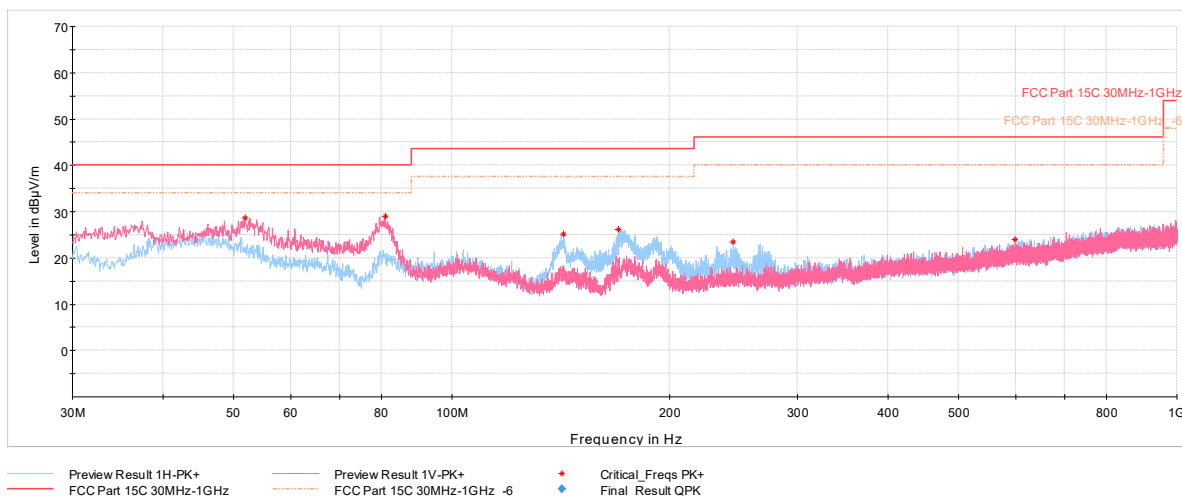
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 39.60           | Max-Peak | V               | 100                 | 205                        | -64.74               | -15.93      | 26.33                   | 40.00          | -13.67      |
| 44.31           | Max-Peak | V               | 100                 | 37                         | -59.73               | -14.68      | 32.59                   | 40.00          | -7.41       |
| 129.72          | Max-Peak | H               | 300                 | 350                        | -63.46               | -19.55      | 23.99                   | 43.52          | -19.53      |
| 184.86          | Max-Peak | H               | 100                 | 85                         | -62.81               | -17.38      | 26.81                   | 43.52          | -16.71      |
| 271.58          | Max-Peak | H               | 100                 | 15                         | -71.75               | -14.02      | 21.23                   | 46.02          | -24.79      |
| 836.56          | Max-Peak | H               | 100                 | 15                         | -76.76               | -2.30       | 27.94                   | 46.02          | -18.08      |

**Table 7-107. Radiated Spurious Emissions Measurement below 1GHz CDD Primary, 802.11be, Ch.45 with AC/DC adapter**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 231 of 239                   |

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## 7.8.2 CDD Diversity Radiated Spurious Emissions Measurements (Below 1GHz)



**Plot 7-615. Radiated Spurious Emissions below 1GHz CDD Diversity, 802.11be, Ch.45 with AC/DC adapter**

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 51.92           | Max-Peak | V               | 100                 | 37                         | -62.79               | -15.48      | 28.73                   | 40.00          | -11.27      |
| 80.97           | Max-Peak | V               | 100                 | 0                          | -55.29               | -22.65      | 29.06                   | 40.00          | -10.94      |
| 142.76          | Max-Peak | H               | 100                 | 209                        | -60.36               | -21.55      | 25.09                   | 43.52          | -18.43      |
| 170.02          | Max-Peak | H               | 100                 | 218                        | -60.64               | -20.26      | 26.10                   | 43.52          | -17.42      |
| 244.47          | Max-Peak | H               | 100                 | 296                        | -67.01               | -16.60      | 23.39                   | 46.02          | -22.63      |
| 598.28          | Max-Peak | H               | 100                 | 2                          | -74.25               | -8.75       | 24.00                   | 46.02          | -22.02      |

**Table 7-108. Radiated Spurious Emissions Measurement below 1GHz CDD Diversity, 802.11be, Ch.45 with AC/DC adapter**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 232 of 239                   |

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## 7.9 AC Line-Conducted Emissions Measurement

**§15.407; RSS-Gen [8.8]**

### Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

***All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).***

| Frequency of emission (MHz) | Conducted Limit (dB $\mu$ V) |           |
|-----------------------------|------------------------------|-----------|
|                             | Quasi-peak                   | Average   |
| 0.15 – 0.5                  | 66 to 56*                    | 56 to 46* |
| 0.5 – 5                     | 56                           | 46        |
| 5 – 30                      | 60                           | 50        |

**Table 7-109. Conducted Limits**

\*Decreases with the logarithm of the frequency.

### Test Procedures Used

ANSI C63.10-2020, Section 6.2

### Test Settings

#### Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

#### Average Measurements

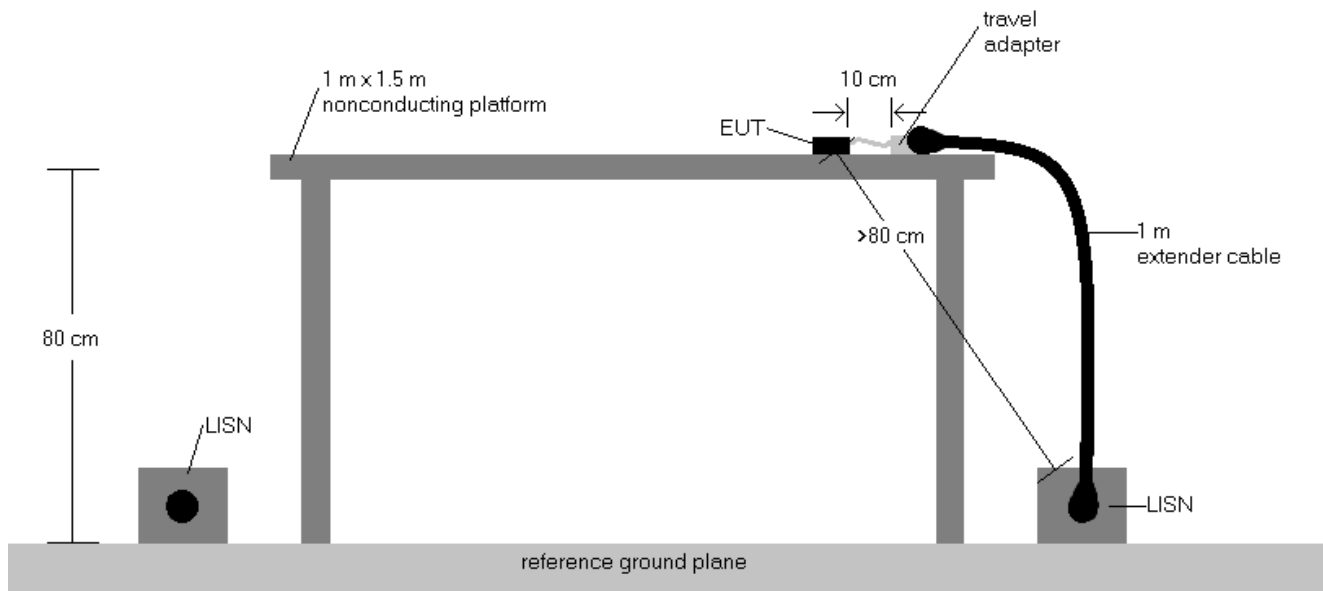
1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 233 of 239                          |

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## Test Setup

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



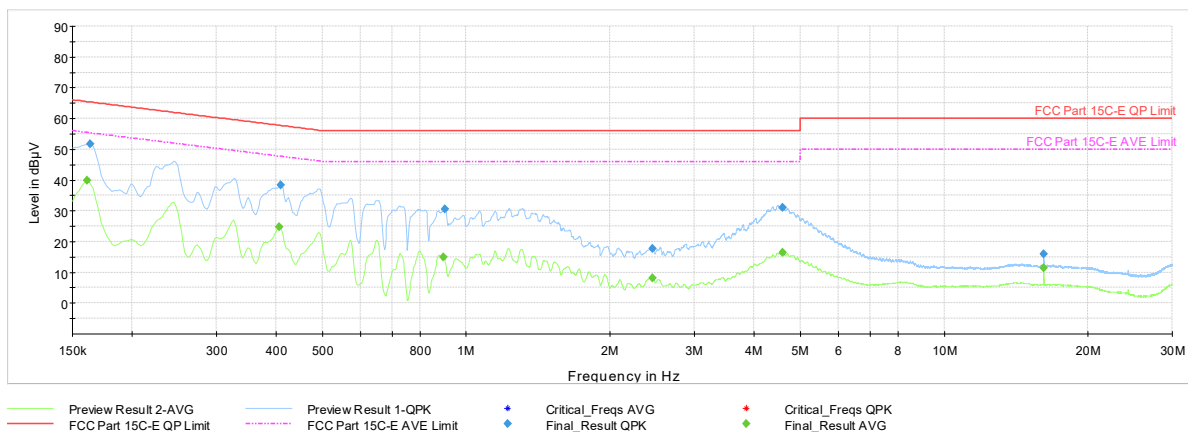
**Figure 7-9. Test Instrument & Measurement Setup**

## Test Notes

- All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
- Both configurations below were investigated, and the worst case has been reported.
  - EUT powered by AC/DC adaptor via USB-C cable with wire charger
  - EUT powered by host PC via USB-C cable with wire charger
- The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
- $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
- $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
- $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
- Traces shown in plots are made using quasi-peak and average detectors.
- Deviations to the Specifications: None.
- The unit was tested with all possible modes and only the highest emission is reported.

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 234 of 239                          |

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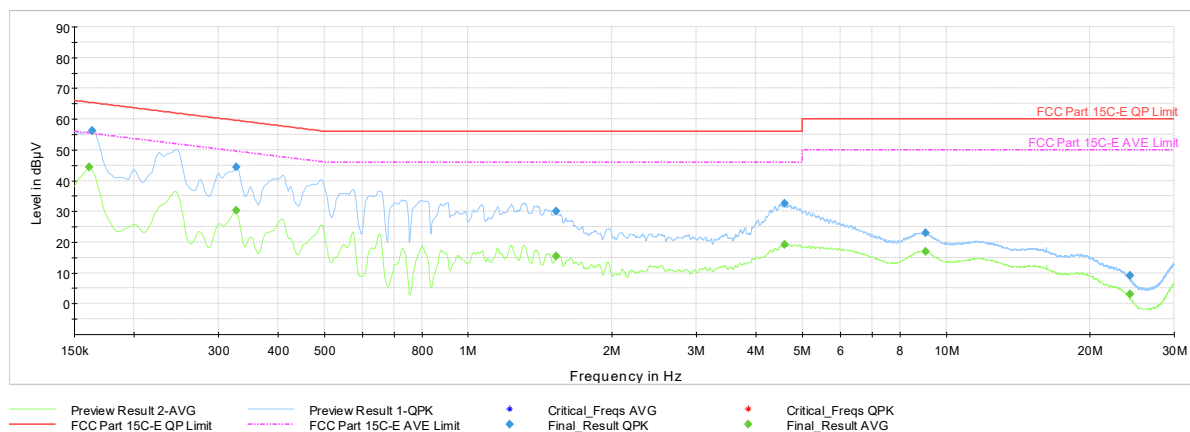
**Plot 7-616. AC Line Conducted Plot with 802.11be CDD Primary – Ch.45 (L1), with AC/DC adapter**

| Frequency [MHz] | Process State | QuasiPeak [dBμV] | Average [dBμV] | Limit [dBμV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.161           | FINAL         | —                | 39.89          | 55.40        | -15.51      | L1   | GND |
| 0.164           | FINAL         | 51.7             | —              | 65.28        | -13.61      | L1   | GND |
| 0.407           | FINAL         | —                | 24.75          | 47.72        | -22.97      | L1   | GND |
| 0.409           | FINAL         | 38.4             | —              | 57.67        | -19.23      | L1   | GND |
| 0.895           | FINAL         | —                | 15.02          | 46.00        | -30.98      | L1   | GND |
| 0.902           | FINAL         | 30.4             | —              | 56.00        | -25.56      | L1   | GND |
| 2.450           | FINAL         | —                | 8.15           | 46.00        | -37.85      | L1   | GND |
| 2.452           | FINAL         | 17.6             | —              | 56.00        | -38.40      | L1   | GND |
| 4.601           | FINAL         | 31.1             | —              | 56.00        | -24.92      | L1   | GND |
| 4.601           | FINAL         | —                | 16.42          | 46.00        | -29.58      | L1   | GND |
| 16.172          | FINAL         | —                | 11.46          | 50.00        | -38.54      | L1   | GND |
| 16.172          | FINAL         | 16.1             | —              | 60.00        | -43.93      | L1   | GND |

**Table 7-110. AC Line Conducted Data with 802.11be CDD Primary – Ch. 45 (L1) with AC/DC adapter**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 235 of 239                          |

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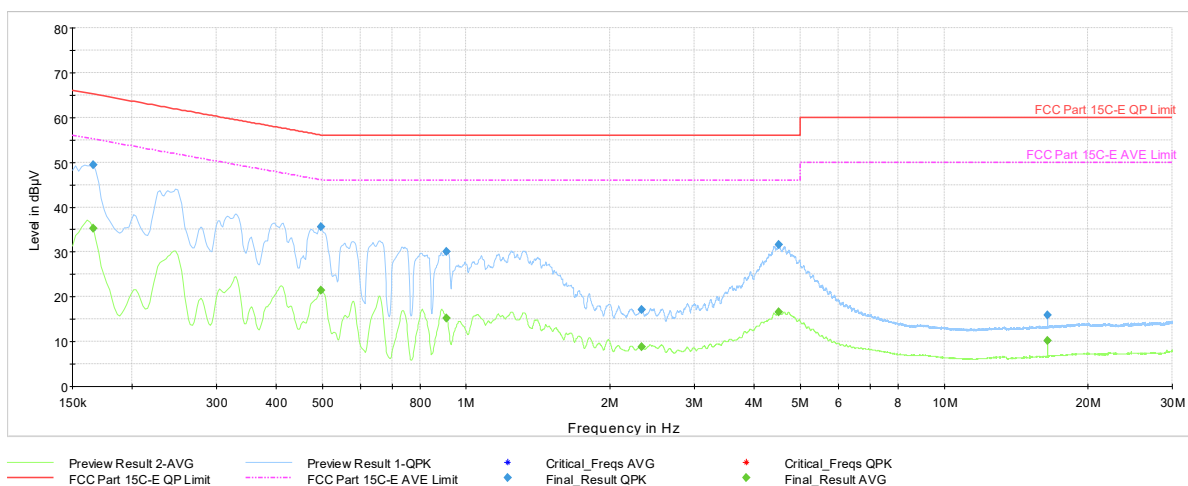
**Plot 7-617. AC Line Conducted Plot with 802.11be CDD Primary – Ch. 45 (N), with AC/DC adapter**

| Frequency [MHz] | Process State | QuasiPeak [dBμV] | Average [dBμV] | Limit [dBμV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.161           | FINAL         | —                | 44.30          | 55.40        | -11.10      | N    | GND |
| 0.164           | FINAL         | 56.3             | —              | 65.28        | -8.97       | N    | GND |
| 0.328           | FINAL         | —                | 30.25          | 49.51        | -19.25      | N    | GND |
| 0.328           | FINAL         | 44.4             | —              | 59.51        | -15.12      | N    | GND |
| 1.525           | FINAL         | 30.1             | —              | 56.00        | -25.90      | N    | GND |
| 1.525           | FINAL         | —                | 15.37          | 46.00        | -30.63      | N    | GND |
| 4.587           | FINAL         | —                | 19.20          | 46.00        | -26.80      | N    | GND |
| 4.589           | FINAL         | 32.5             | —              | 56.00        | -23.52      | N    | GND |
| 9.044           | FINAL         | —                | 17.07          | 50.00        | -32.93      | N    | GND |
| 9.051           | FINAL         | 22.9             | —              | 60.00        | -37.12      | N    | GND |
| 24.279          | FINAL         | 9.1              | —              | 60.00        | -50.86      | N    | GND |
| 24.281          | FINAL         | —                | 3.14           | 50.00        | -46.86      | N    | GND |

**Table 7-111. AC Line Conducted Data with 802.11be CDD Primary – Ch. 45 (N), with AC/DC adapter**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 236 of 239                          |

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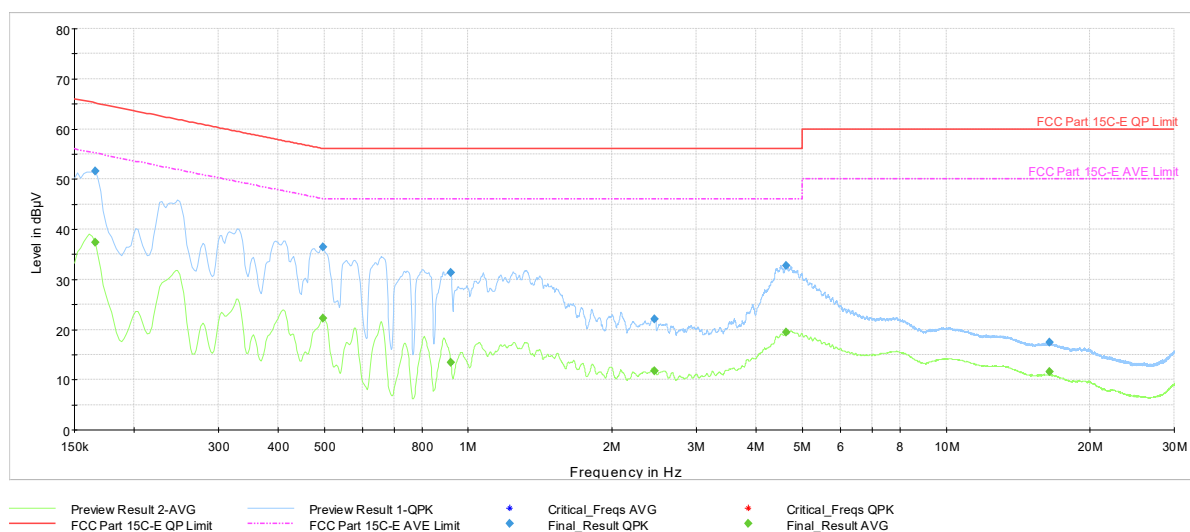
**Plot 7-618. AC Line Conducted Plot with 802.11be CDD Diversity – Ch.45 (L1), with AC/DC adapter**

| Frequency [MHz] | Process State | QuasiPeak [dBμV] | Average [dBμV] | Limit [dBμV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.166           | FINAL         | —                | 35.32          | 55.17        | -19.85      | L1   | GND |
| 0.166           | FINAL         | 49.4             | —              | 65.17        | -15.73      | L1   | GND |
| 0.497           | FINAL         | —                | 21.43          | 46.06        | -24.63      | L1   | GND |
| 0.497           | FINAL         | 35.6             | —              | 56.06        | -20.48      | L1   | GND |
| 0.911           | FINAL         | —                | 15.23          | 46.00        | -30.77      | L1   | GND |
| 0.911           | FINAL         | 30.0             | —              | 56.00        | -25.96      | L1   | GND |
| 2.330           | FINAL         | 17.0             | —              | 56.00        | -38.96      | L1   | GND |
| 2.333           | FINAL         | —                | 8.82           | 46.00        | -37.18      | L1   | GND |
| 4.506           | FINAL         | 31.7             | —              | 56.00        | -24.35      | L1   | GND |
| 4.511           | FINAL         | —                | 16.59          | 46.00        | -29.41      | L1   | GND |
| 16.431          | FINAL         | —                | 10.26          | 50.00        | -39.74      | L1   | GND |
| 16.431          | FINAL         | 15.9             | —              | 60.00        | -44.11      | L1   | GND |

**Table 7-112. AC Line Conducted Data with 802.11be CDD Diversity – Ch. 45 (L1) with AC/DC adapter**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 237 of 239                   |

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**Plot 7-619. AC Line Conducted Plot with 802.11be CDD Diversity – Ch. 45 (N), with AC/DC adapter**

| Frequency [MHz] | Process State | QuasiPeak [dBμV] | Average [dBμV] | Limit [dBμV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.166           | FINAL         | —                | 37.40          | 55.17        | -17.77      | N    | GND |
| 0.166           | FINAL         | 51.6             | —              | 65.17        | -13.59      | N    | GND |
| 0.497           | FINAL         | —                | 22.28          | 46.06        | -23.78      | N    | GND |
| 0.497           | FINAL         | 36.5             | —              | 56.06        | -19.56      | N    | GND |
| 0.920           | FINAL         | 31.3             | —              | 56.00        | -24.69      | N    | GND |
| 0.920           | FINAL         | —                | 13.39          | 46.00        | -32.61      | N    | GND |
| 2.454           | FINAL         | —                | 11.73          | 46.00        | -34.27      | N    | GND |
| 2.456           | FINAL         | 22.1             | —              | 56.00        | -33.94      | N    | GND |
| 4.630           | FINAL         | —                | 19.51          | 46.00        | -26.49      | N    | GND |
| 4.634           | FINAL         | 32.7             | —              | 56.00        | -23.32      | N    | GND |
| 16.447          | FINAL         | —                | 11.51          | 50.00        | -38.49      | N    | GND |
| 16.449          | FINAL         | 17.5             | —              | 60.00        | -42.54      | N    | GND |

**Table 7-113. AC Line Conducted Data with 802.11be CDD Diversity – Ch. 45 (N), with AC/DC adapter**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3358<br>IC: 579C-A3358         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170039-24-R2.BCG | Test Dates:<br>5/12/2025 - 8/27/2025                                                | EUT Type:<br>Tablet Device            | Page 238 of 239                   |

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## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA3358** and **IC: 579C-A3358** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3358<br><b>IC:</b> 579C-A3358  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170039-24-R2.BCG | <b>Test Dates:</b><br>5/12/2025 - 8/27/2025                                         | <b>EUT Type:</b><br>Tablet Device             | Page 239 of 239                          |

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