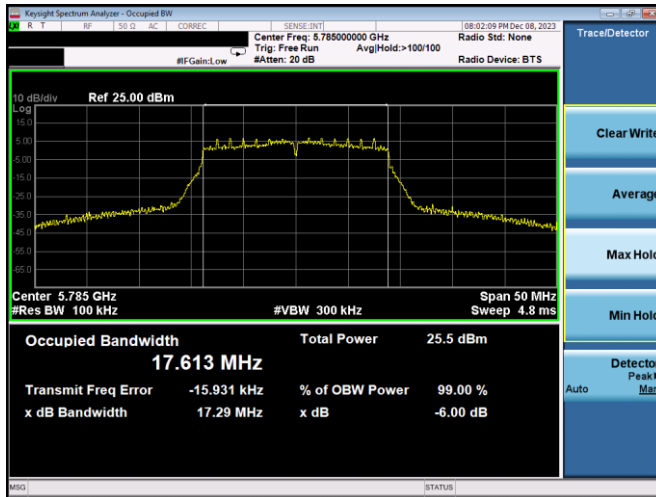
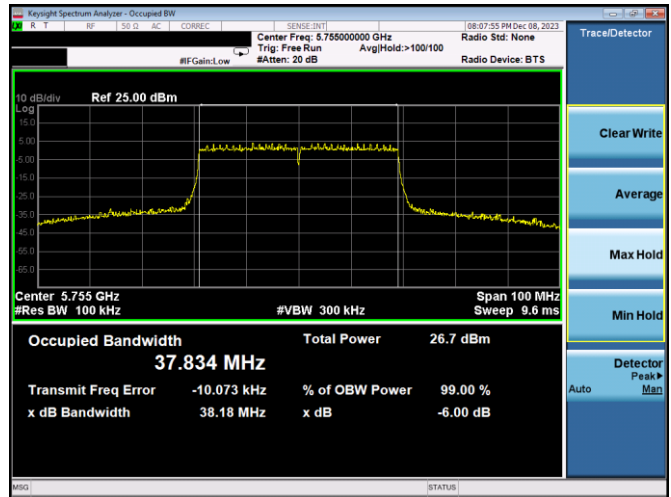




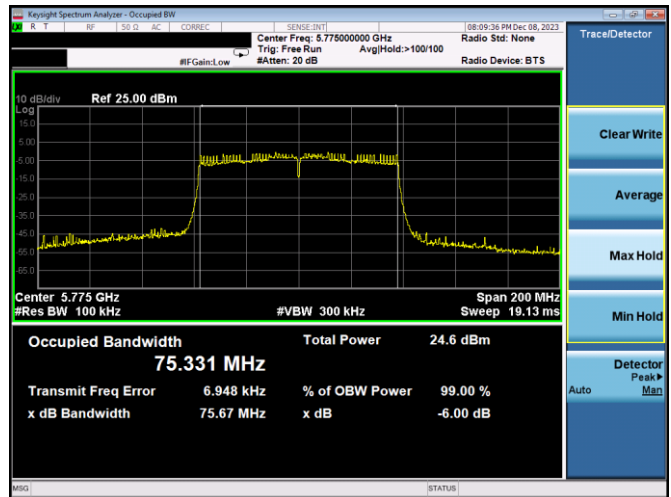
Plot 7-235. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11n – Ch. 157, MCS2)



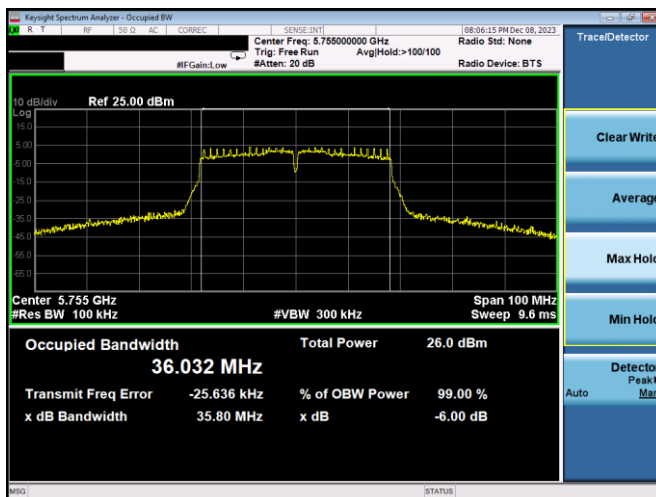
Plot 7-238. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



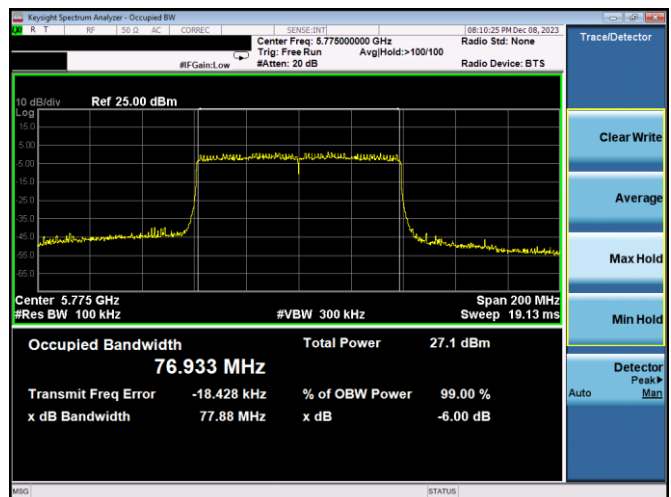
Plot 7-236. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-239. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ac – Ch. 155, MCS2)



Plot 7-237. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11n – Ch. 151, MCS2)

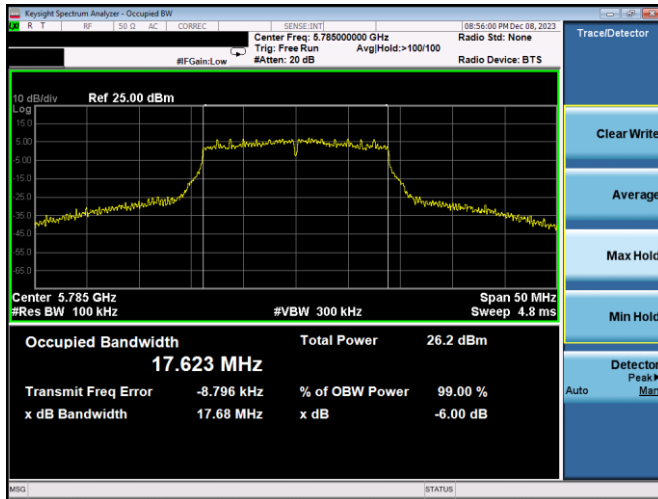


Plot 7-240. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

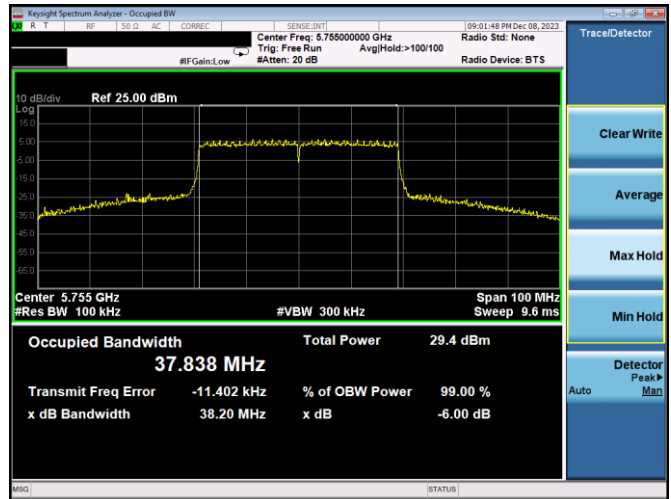
|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                            | EUT Type:<br>Tablet Device | Page 75 of 547                    |

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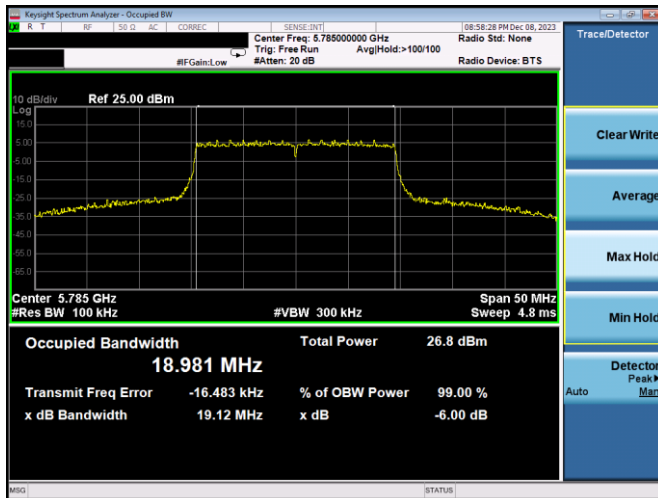
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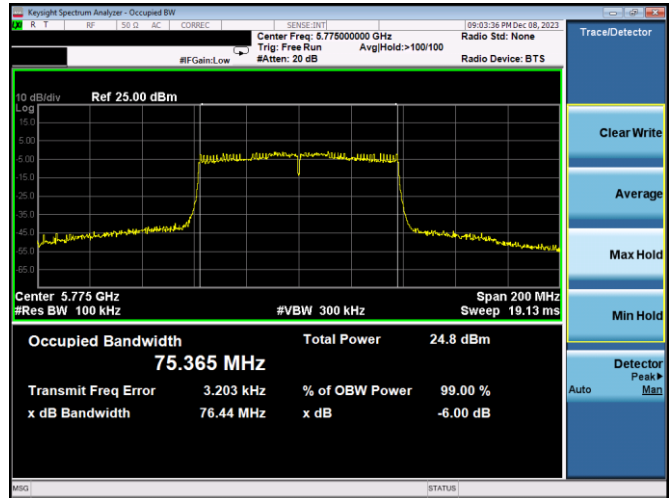
Plot 7-241. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11n – Ch. 157, MCS4)



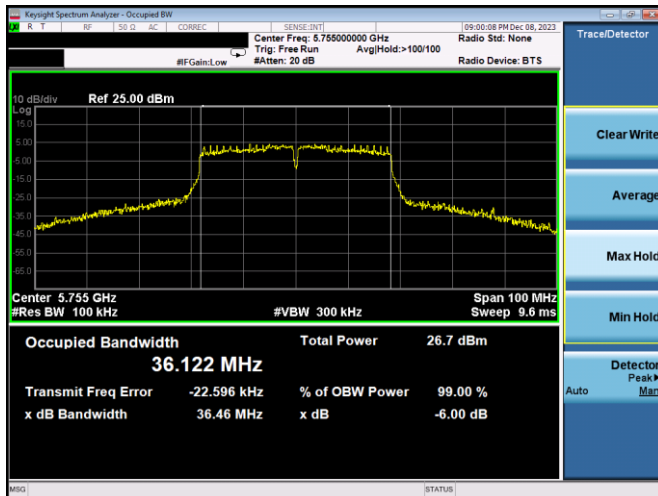
Plot 7-244. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



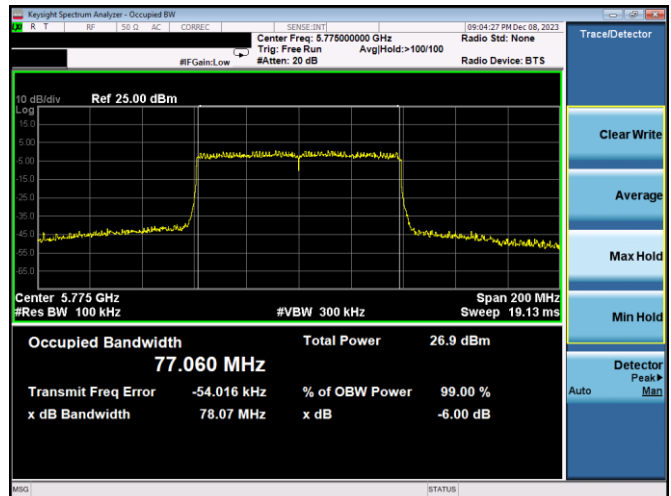
Plot 7-242. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-245. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ac – Ch. 155, MCS4)

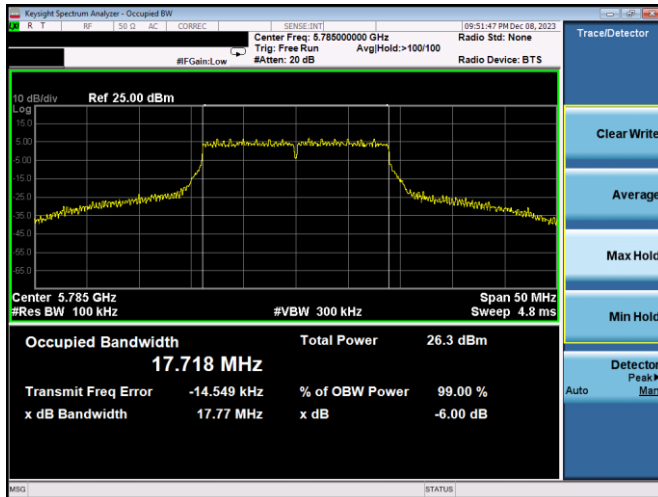


Plot 7-243. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11n – Ch. 151, MCS4)

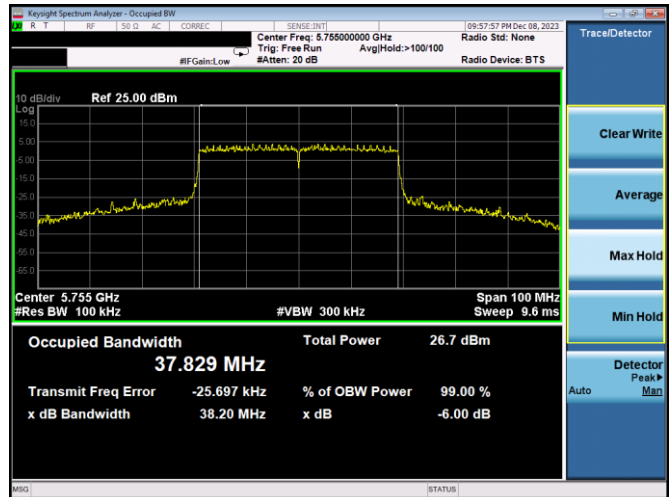


Plot 7-246. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

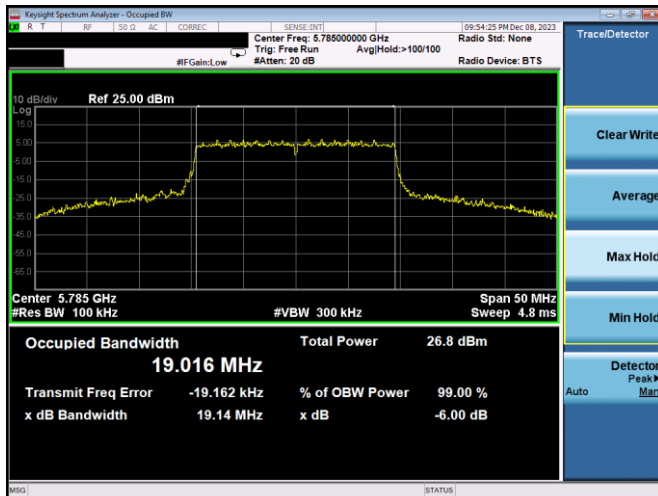
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 76 of 547                    |



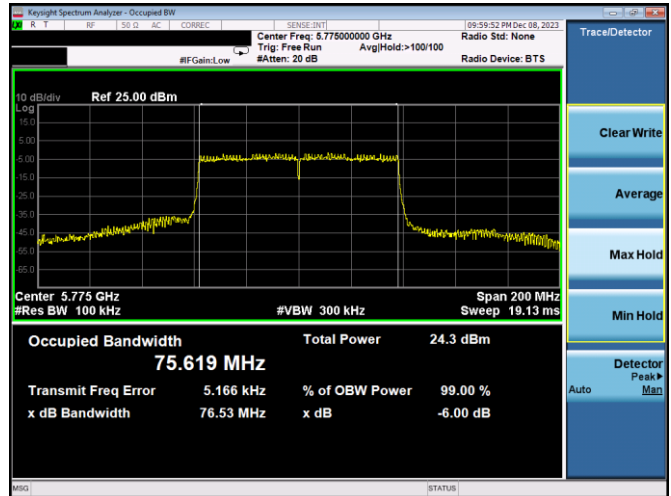
Plot 7-247. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11n – Ch. 157, MCS7)



Plot 7-250. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



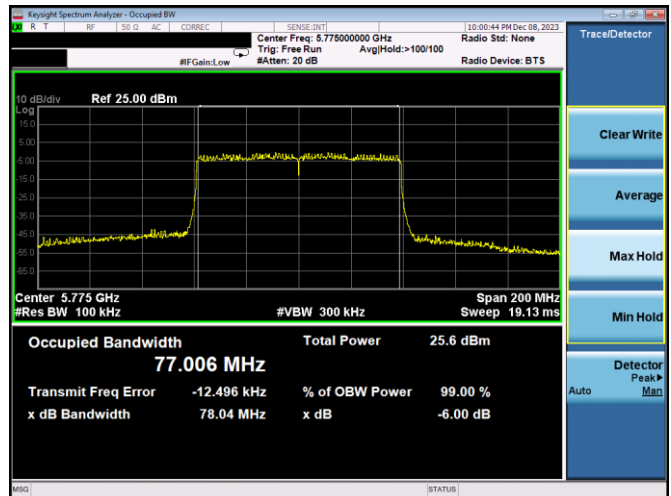
Plot 7-248. 6dB BW & 99% OBW Antenna WF2a (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-251. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-249. 6dB BW & 99% OBW Antenna WF2a (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-252. 6dB BW & 99% OBW Antenna WF2a (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                            | EUT Type:<br>Tablet Device | Page 77 of 547                    |

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## 7.4 Conducted Output Power and Max EIRP Measurement – 802.11a/n/ac/ax(SU)

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3); RSS-247 [6.2]

### Test Overview and Limits

A transmitter antenna terminal of the EUT is connected to the input of an RF pulse power sensor. Measurement is made using a broadband average power meter while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. B is the 99% OBW per ISSED RSS-247 and 26dB BW is per FCC 15.407.

***In the 5.15 – 5.25GHz band, the maximum permissible conducted output power is 250mW (23.98dBm). The maximum e.i.r.p. shall not exceed the lesser of 200 mW or  $10 + 10 \log_{10}B$ , dBm.***

***In the 5.25 – 5.35GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or  $11 \text{ dBm} + 10\log_{10}(26\text{dB BW}) = 11 \text{ dBm} + 10\log_{10}(20.75) = 24.17\text{dBm}$ . The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or  $17 + 10 \log_{10}B$ , dBm.***

***In the 5.47 – 5.725GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or  $11 \text{ dBm} + 10\log_{10}(26\text{dB BW}) = 11 \text{ dBm} + 10\log_{10}(20.82) = 24.18\text{dBm}$ . The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or  $17 + 10 \log_{10}B$ , dBm.***

***In the 5.725 – 5.850GHz band, the maximum permissible conducted output power is 1W (30dBm). The maximum e.i.r.p. is 36 dBm.***

### Test Procedure Used

ANSI C63.10-2013 – Section 12.3.3.2 Method PM-G  
KDB 789033 D02 v02r01 – Section E3)b) Method PM-G  
ANSI C63.10-2013 – Section 14.2 Measure-and-Sum Technique  
KDB 662911 v02r01 – Section E1) Measure-and-Sum Technique

### Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

### Test Setup

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



Figure 7-3. Test Instrument & Measurement Setup

### Test Notes

- Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 78 of 547                    |

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## 7.4.1 FCC Antenna WF7a Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 18.23                 | 18.26   | 17.85    | 23.98                       | -5.72                       |
|                        | 5200       | 40      | AVG      | 19.28                 | 19.46   | 19.50    | 23.98                       | -4.52                       |
|                        | 5240       | 48      | AVG      | 19.35                 | 19.50   | 19.44    | 23.98                       | -4.48                       |
|                        | 5260       | 52      | AVG      | 19.39                 | 19.49   | 19.37    | 23.98                       | -4.49                       |
|                        | 5300       | 60      | AVG      | 19.35                 | 19.45   | 19.40    | 23.98                       | -4.53                       |
|                        | 5320       | 64      | AVG      | 18.90                 | 18.85   | 18.50    | 23.98                       | -5.08                       |
|                        | 5500       | 100     | AVG      | 19.42                 | 19.50   | 18.50    | 23.98                       | -4.48                       |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.45   | 19.47    | 23.98                       | -4.53                       |
|                        | 5680       | 136     | AVG      | 19.43                 | 19.39   | 19.30    | 23.98                       | -4.55                       |
|                        | 5700       | 140     | AVG      | 18.00                 | 17.80   | 17.40    | 23.98                       | -5.98                       |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.45   | 19.44    | 23.98                       | -4.53                       |
|                        | 5745       | 149     | AVG      | 19.44                 | 19.50   | 19.38    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.42                 | 19.50   | 19.39    | 30.00                       | -10.50                      |
|                        | 5825       | 165     | AVG      | 19.46                 | 19.28   | 19.42    | 30.00                       | -10.54                      |

Table 7-20. FCC Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 17.93                 | 17.94   | 17.47    | 23.98                       | -6.04                       |
|                        | 5200       | 40      | AVG      | 19.34                 | 19.31   | 19.50    | 23.98                       | -4.64                       |
|                        | 5240       | 48      | AVG      | 19.37                 | 19.36   | 19.50    | 23.98                       | -4.61                       |
|                        | 5260       | 52      | AVG      | 19.34                 | 19.49   | 19.39    | 23.98                       | -4.49                       |
|                        | 5300       | 60      | AVG      | 19.32                 | 19.47   | 19.37    | 23.98                       | -4.51                       |
|                        | 5320       | 64      | AVG      | 17.88                 | 17.87   | 17.49    | 23.98                       | -6.10                       |
|                        | 5500       | 100     | AVG      | 18.24                 | 18.11   | 17.48    | 23.98                       | -5.74                       |
|                        | 5520       | 104     | AVG      | 19.38                 | 19.42   | 19.45    | 23.98                       | -4.56                       |
|                        | 5580       | 116     | AVG      | 19.42                 | 19.42   | 19.50    | 23.98                       | -4.56                       |
|                        | 5680       | 136     | AVG      | 19.48                 | 19.43   | 19.24    | 23.98                       | -4.50                       |
|                        | 5700       | 140     | AVG      | 16.47                 | 16.50   | 15.50    | 23.98                       | -7.48                       |
|                        | 5720       | 144     | AVG      | 19.45                 | 19.37   | 19.49    | 23.98                       | -4.53                       |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.50   | 19.48    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.31                 | 19.31   | 19.48    | 30.00                       | -10.69                      |
|                        | 5825       | 165     | AVG      | 19.44                 | 19.50   | 19.49    | 30.00                       | -10.50                      |

Table 7-21. FCC Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 79 of 547                    |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 17.00                 | 16.92   | 16.90    | 23.98                       | -6.98                       |
|                        | 5200       | 40      | AVG      | 19.28                 | 19.37   | 19.50    | 23.98                       | -4.61                       |
|                        | 5240       | 48      | AVG      | 19.44                 | 19.43   | 19.46    | 23.98                       | -4.54                       |
|                        | 5260       | 52      | AVG      | 19.50                 | 19.50   | 19.38    | 23.98                       | -4.48                       |
|                        | 5300       | 60      | AVG      | 19.43                 | 19.50   | 19.44    | 23.98                       | -4.48                       |
|                        | 5320       | 64      | AVG      | 16.96                 | 16.94   | 16.39    | 23.98                       | -7.02                       |
|                        | 5500       | 100     | AVG      | 16.37                 | 16.46   | 15.55    | 23.98                       | -7.52                       |
|                        | 5520       | 104     | AVG      | 19.48                 | 19.27   | 19.37    | 23.98                       | -4.50                       |
|                        | 5580       | 116     | AVG      | 19.42                 | 19.45   | 19.45    | 23.98                       | -4.53                       |
|                        | 5660       | 132     | AVG      | 19.49                 | 19.40   | 19.43    | 23.98                       | -4.49                       |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.44   | 19.00    | 23.98                       | -4.48                       |
|                        | 5700       | 140     | AVG      | 14.44                 | 14.47   | 14.42    | 23.98                       | -9.51                       |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.50   | 19.29    | 23.98                       | -4.48                       |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.50   | 19.50    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.49                 | 19.33   | 19.50    | 30.00                       | -10.51                      |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.50   | 19.46    | 30.00                       | -10.50                      |

Table 7-22. FCC Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 16.50                 | 14.41    | 23.98                       | -7.48                       |
|                        | 5230       | 46      | AVG      | 19.50                 | 19.49    | 23.98                       | -4.48                       |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.35    | 23.98                       | -4.48                       |
|                        | 5310       | 62      | AVG      | 17.50                 | 16.81    | 23.98                       | -6.48                       |
|                        | 5510       | 102     | AVG      | 15.90                 | 15.89    | 23.98                       | -8.08                       |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.41    | 23.98                       | -4.48                       |
|                        | 5630       | 126     | AVG      | 19.45                 | 19.28    | 23.98                       | -4.53                       |
|                        | 5670       | 134     | AVG      | 19.39                 | 18.93    | 23.98                       | -4.59                       |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.35    | 23.98                       | -4.48                       |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.48    | 30.00                       | -10.50                      |
|                        | 5795       | 159     | AVG      | 19.28                 | 19.43    | 30.00                       | -10.73                      |

Table 7-23. FCC Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 80 of 547                    |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 15.50                 | 14.17    | 23.98                       | -8.48                       |
|                        | 5230       | 46      | AVG      | 19.42                 | 19.50    | 23.98                       | -4.56                       |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.28    | 23.98                       | -4.48                       |
|                        | 5310       | 62      | AVG      | 16.39                 | 15.85    | 23.98                       | -7.59                       |
|                        | 5510       | 102     | AVG      | 15.42                 | 15.50    | 23.98                       | -8.56                       |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5630       | 126     | AVG      | 19.30                 | 19.39    | 23.98                       | -4.68                       |
|                        | 5670       | 134     | AVG      | 18.47                 | 17.90    | 23.98                       | -5.51                       |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.36    | 23.98                       | -4.48                       |
|                        | 5755       | 151     | AVG      | 19.38                 | 19.41    | 30.00                       | -10.63                      |
|                        | 5795       | 159     | AVG      | 19.47                 | 19.50    | 30.00                       | -10.53                      |

Table 7-24. FCC Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 14.49                 | 14.00    | 23.98                       | -9.49                       |
|                        | 5230       | 46      | AVG      | 19.26                 | 19.44    | 23.98                       | -4.72                       |
|                        | 5270       | 54      | AVG      | 19.49                 | 19.38    | 23.98                       | -4.49                       |
|                        | 5310       | 62      | AVG      | 15.00                 | 14.85    | 23.98                       | -8.98                       |
|                        | 5510       | 102     | AVG      | 14.24                 | 13.99    | 23.98                       | -9.74                       |
|                        | 5550       | 110     | AVG      | 19.37                 | 19.50    | 23.98                       | -4.61                       |
|                        | 5630       | 126     | AVG      | 19.50                 | 19.27    | 23.98                       | -4.48                       |
|                        | 5670       | 134     | AVG      | 15.85                 | 15.50    | 23.98                       | -8.13                       |
|                        | 5710       | 142     | AVG      | 19.46                 | 19.50    | 23.98                       | -4.52                       |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.26    | 30.00                       | -10.50                      |
|                        | 5795       | 159     | AVG      | 19.50                 | 19.45    | 30.00                       | -10.50                      |

Table 7-25. FCC Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 81 of 547                    |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 14.50                 | 13.77    | 23.98                       | -9.48                       |
|                        | 5290       | 58      | AVG      | 16.95                 | 16.41    | 23.98                       | -7.03                       |
|                        | 5530       | 106     | AVG      | 15.00                 | 14.95    | 23.98                       | -8.98                       |
|                        | 5610       | 122     | AVG      | 19.50                 | 19.47    | 23.98                       | -4.48                       |
|                        | 5690       | 138     | AVG      | 19.36                 | 19.46    | 23.98                       | -4.52                       |
|                        | 5775       | 155     | AVG      | 18.88                 | 18.14    | 30.00                       | -11.12                      |

Table 7-26. FCC Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.80                 | 13.68    | 23.98                       | -10.18                      |
|                        | 5290       | 58      | AVG      | 16.00                 | 15.26    | 23.98                       | -7.98                       |
|                        | 5530       | 106     | AVG      | 13.83                 | 13.84    | 23.98                       | -10.15                      |
|                        | 5610       | 122     | AVG      | 19.28                 | 19.39    | 23.98                       | -4.70                       |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5775       | 155     | AVG      | 18.66                 | 17.42    | 30.00                       | -11.34                      |

Table 7-27. FCC Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.50                 | 13.50    | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 14.00                 | 14.00    | 23.98                       | -9.98                       |
|                        | 5530       | 106     | AVG      | 13.41                 | 13.42    | 23.98                       | -10.57                      |
|                        | 5610       | 122     | AVG      | 18.64                 | 18.75    | 23.98                       | -5.34                       |
|                        | 5690       | 138     | AVG      | 19.31                 | 19.50    | 23.98                       | -4.67                       |
|                        | 5775       | 155     | AVG      | 17.69                 | 17.42    | 30.00                       | -12.31                      |

Table 7-28. FCC Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|-------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                         |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                         | 5250       | 50      | AVG      | 13.33                 | 13.48    | 23.98                       | -10.50                      |
|                         | 5570       | 114     | AVG      | 13.96                 | 13.64    | 30.00                       | -16.04                      |

Table 7-29. FCC Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 82 of 547                    |

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 13.29                 | 13.36    | 23.98                             | -10.69                            |
|                               | 5570       | 114     | AVG      | 13.5                  | 13.30    | 30.00                             | -16.50                            |

Table 7-30. FCC Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 12.90                 | 12.85    | 23.98                             | -11.08                            |
|                               | 5570       | 114     | AVG      | 12.92                 | 12.88    | 30.00                             | -17.08                            |

Table 7-31. FCC Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 83 of 547                    |

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## 7.4.2 ISED Antenna WF7a Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |         |          |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.48                 | 17.50   | 17.49    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5200       | 40      | AVG      | 17.49                 | 17.45   | 17.32    | -                           | -                           | 0.90            | 18.39              | 23.01                    | -4.62                |
|                        | 5240       | 48      | AVG      | 17.49                 | 17.50   | 17.39    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5260       | 52      | AVG      | 19.39                 | 19.49   | 19.37    | 23.98                       | -4.49                       | 2.20            | 21.69              | 30.00                    | -8.32                |
|                        | 5300       | 60      | AVG      | 19.35                 | 19.45   | 19.40    | 23.98                       | -4.53                       | 2.20            | 21.65              | 30.00                    | -8.35                |
|                        | 5320       | 64      | AVG      | 18.90                 | 18.85   | 18.50    | 23.98                       | -5.08                       | 2.20            | 21.10              | 30.00                    | -8.90                |
|                        | 5500       | 100     | AVG      | 19.42                 | 19.50   | 18.50    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.45   | 19.47    | 23.98                       | -4.53                       | 2.10            | 21.57              | 30.00                    | -8.43                |
|                        | 5680       | 136     | AVG      | 19.43                 | 19.39   | 19.30    | 23.98                       | -4.55                       | 2.10            | 21.53              | 30.00                    | -8.47                |
|                        | 5700       | 140     | AVG      | 18.00                 | 17.80   | 17.40    | 23.98                       | -5.98                       | 2.10            | 20.10              | 30.00                    | -9.90                |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.45   | 19.44    | 23.98                       | -4.53                       | 2.10            | 21.55              | 30.00                    | -8.45                |
|                        | 5745       | 149     | AVG      | 19.44                 | 19.50   | 19.38    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.42                 | 19.50   | 19.39    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.46                 | 19.28   | 19.42    | 30.00                       | -10.54                      | 1.30            | 20.76              | -                        | -                    |

Table 7-32. ISED Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |         |          |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.50                 | 17.46   | 17.33    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5200       | 40      | AVG      | 17.37                 | 17.44   | 17.37    | -                           | -                           | 0.90            | 18.34              | 23.01                    | -4.67                |
|                        | 5240       | 48      | AVG      | 17.45                 | 17.50   | 17.44    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5260       | 52      | AVG      | 19.34                 | 19.49   | 19.39    | 23.98                       | -4.49                       | 2.20            | 21.69              | 30.00                    | -8.31                |
|                        | 5300       | 60      | AVG      | 19.32                 | 19.47   | 19.37    | 23.98                       | -4.51                       | 2.20            | 21.67              | 30.00                    | -8.33                |
|                        | 5320       | 64      | AVG      | 17.88                 | 17.87   | 17.49    | 23.98                       | -6.10                       | 2.20            | 20.08              | 30.00                    | -9.92                |
|                        | 5500       | 100     | AVG      | 18.24                 | 18.11   | 17.48    | 23.98                       | -5.74                       | 2.10            | 20.34              | 30.00                    | -9.66                |
|                        | 5520       | 104     | AVG      | 19.38                 | 19.42   | 19.45    | 23.98                       | -4.56                       | 2.10            | 21.55              | 30.00                    | -8.45                |
|                        | 5580       | 116     | AVG      | 19.42                 | 19.42   | 19.50    | 23.98                       | -4.56                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5680       | 136     | AVG      | 19.48                 | 19.43   | 19.24    | 23.98                       | -4.50                       | 2.10            | 21.58              | 30.00                    | -8.42                |
|                        | 5700       | 140     | AVG      | 16.47                 | 16.50   | 15.50    | 23.98                       | -7.48                       | 2.10            | 18.60              | 30.00                    | -11.40               |
|                        | 5720       | 144     | AVG      | 19.45                 | 19.37   | 19.49    | 23.98                       | -4.53                       | 2.10            | 21.59              | 30.00                    | -8.41                |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.50   | 19.48    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.31                 | 19.31   | 19.48    | 30.00                       | -10.69                      | 1.30            | 20.78              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.44                 | 19.50   | 19.49    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |

Table 7-33. ISED Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 84 of 547                    |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |         |          |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 16.93                 | 16.98   | 16.84    | -                           | -                           | 0.90            | 17.88              | 23.01                    | -5.13                |
|                        | 5200       | 40      | AVG      | 17.50                 | 17.50   | 17.27    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5240       | 48      | AVG      | 17.50                 | 17.27   | 17.34    | -                           | -                           | 0.90            | 18.40              | 23.01                    | -4.61                |
|                        | 5260       | 52      | AVG      | 19.50                 | 19.50   | 19.38    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5300       | 60      | AVG      | 19.43                 | 19.50   | 19.44    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5320       | 64      | AVG      | 16.96                 | 16.94   | 16.39    | 23.98                       | -7.02                       | 2.20            | 19.16              | 30.00                    | -10.84               |
|                        | 5500       | 100     | AVG      | 16.37                 | 16.46   | 15.55    | 23.98                       | -7.52                       | 2.10            | 18.56              | 30.00                    | -11.44               |
|                        | 5520       | 104     | AVG      | 19.48                 | 19.27   | 19.37    | 23.98                       | -4.50                       | 2.10            | 21.58              | 30.00                    | -8.42                |
|                        | 5580       | 116     | AVG      | 19.42                 | 19.45   | 19.45    | 23.98                       | -4.53                       | 2.10            | 21.55              | 30.00                    | -8.45                |
|                        | 5660       | 132     | AVG      | 19.49                 | 19.40   | 19.43    | 23.98                       | -4.49                       | 2.10            | 21.59              | 30.00                    | -8.41                |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.44   | 19.00    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5700       | 140     | AVG      | 14.44                 | 14.47   | 14.42    | 23.98                       | -9.51                       | 2.10            | 16.57              | 30.00                    | -13.43               |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.50   | 19.29    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.50   | 19.50    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.49                 | 19.33   | 19.50    | 30.00                       | -10.51                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.50   | 19.46    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |

Table 7-34. ISED Antenna WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |          |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 16.39                 | 14.50    | -                           | -                           | 0.90            | 17.29              | 23.01                    | -5.72                |
|                        | 5230       | 46      | AVG      | 19.46                 | 19.41    | -                           | -                           | 0.90            | 20.36              | 23.01                    | -2.65                |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.35    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5310       | 62      | AVG      | 17.50                 | 16.81    | 23.98                       | -6.48                       | 2.20            | 19.70              | 30.00                    | -10.30               |
|                        | 5510       | 102     | AVG      | 15.90                 | 15.89    | 23.98                       | -8.08                       | 2.10            | 18.00              | 30.00                    | -12.00               |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.41    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5670       | 134     | AVG      | 19.39                 | 18.93    | 23.98                       | -4.59                       | 2.10            | 21.49              | 30.00                    | -8.51                |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.35    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.48    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.28                 | 19.43    | 30.00                       | -10.73                      | 1.30            | 20.73              | -                        | -                    |

Table 7-35. ISED Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |          |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 15.50                 | 14.17    | -                           | -                           | 0.90            | 16.40              | 23.01                    | -6.61                |
|                        | 5230       | 46      | AVG      | 19.50                 | 19.26    | -                           | -                           | 0.90            | 20.40              | 23.01                    | -2.61                |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.28    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5310       | 62      | AVG      | 16.39                 | 15.85    | 23.98                       | -7.59                       | 2.20            | 18.59              | 30.00                    | -11.42               |
|                        | 5510       | 102     | AVG      | 15.42                 | 15.50    | 23.98                       | -8.56                       | 2.10            | 17.60              | 30.00                    | -12.40               |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5670       | 134     | AVG      | 18.47                 | 17.90    | 23.98                       | -5.51                       | 2.10            | 20.57              | 30.00                    | -9.43                |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.36    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5755       | 151     | AVG      | 19.38                 | 19.41    | 30.00                       | -10.63                      | 1.30            | 20.71              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.47                 | 19.50    | 30.00                       | -10.53                      | 1.30            | 20.80              | -                        | -                    |

Table 7-36. ISED Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 85 of 547                    |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 14.31                 | 13.90    | -                           | -                           | 0.90            | 15.21              | 23.01                    | -7.81                |
|                        | 5230       | 46      | AVG      | 19.28                 | 19.50    | -                           | -                           | 0.90            | 20.40              | 23.01                    | -2.61                |
|                        | 5270       | 54      | AVG      | 19.49                 | 19.38    | 23.98                       | -4.49                       | 2.20            | 21.69              | 30.00                    | -8.31                |
|                        | 5310       | 62      | AVG      | 15.00                 | 14.85    | 23.98                       | -8.98                       | 2.20            | 17.20              | 30.00                    | -12.80               |
|                        | 5510       | 102     | AVG      | 14.24                 | 13.99    | 23.98                       | -9.74                       | 2.10            | 16.34              | 30.00                    | -13.66               |
|                        | 5550       | 110     | AVG      | 19.37                 | 19.50    | 23.98                       | -4.61                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5670       | 134     | AVG      | 15.85                 | 15.50    | 23.98                       | -8.13                       | 2.10            | 17.95              | 30.00                    | -12.05               |
|                        | 5710       | 142     | AVG      | 19.46                 | 19.50    | 23.98                       | -4.52                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.26    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.50                 | 19.45    | 30.00                       | -10.50                      | 1.30            | 20.80              | -                        | -                    |

Table 7-37. ISED Antenna WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 86 of 547                    |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 14.44                 | 14.00    | -                           | -                           | 0.90            | 15.34              | 23.01                    | -7.67                |
|                        | 5290       | 58      | AVG      | 16.95                 | 16.41    | 23.98                       | -7.03                       | 2.20            | 19.15              | 30.00                    | -10.85               |
|                        | 5530       | 106     | AVG      | 15.00                 | 14.95    | 23.98                       | -8.98                       | 2.10            | 17.10              | 30.00                    | -12.90               |
|                        | 5690       | 138     | AVG      | 19.36                 | 19.46    | 23.98                       | -4.52                       | 2.10            | 21.46              | 30.00                    | -8.55                |
|                        | 5775       | 155     | AVG      | 18.88                 | 18.14    | 30.00                       | -11.12                      | 1.30            | 20.18              | -                        | -                    |

Table 7-38. ISED Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.90                 | 13.75    | -                           | -                           | 0.90            | 14.80              | 23.01                    | -8.21                |
|                        | 5290       | 58      | AVG      | 16.00                 | 15.26    | 23.98                       | -7.98                       | 2.20            | 18.20              | 30.00                    | -11.80               |
|                        | 5530       | 106     | AVG      | 13.83                 | 13.84    | 23.98                       | -10.15                      | 2.10            | 15.93              | 30.00                    | -14.07               |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5775       | 155     | AVG      | 18.66                 | 17.42    | 30.00                       | -11.34                      | 1.30            | 19.96              | -                        | -                    |

Table 7-39. ISED Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.50                 | 13.35    | -                           | -                           | 0.90            | 14.40              | 23.01                    | -8.61                |
|                        | 5290       | 58      | AVG      | 14.00                 | 14.00    | 23.98                       | -9.98                       | 2.20            | 16.20              | 30.00                    | -13.80               |
|                        | 5530       | 106     | AVG      | 13.41                 | 13.32    | 23.98                       | -10.57                      | 2.10            | 15.51              | 30.00                    | -14.49               |
|                        | 5690       | 138     | AVG      | 19.31                 | 19.50    | 23.98                       | -4.67                       | 2.10            | 21.60              | 30.00                    | -8.40                |
|                        | 5775       | 155     | AVG      | 17.69                 | 17.42    | 30.00                       | -12.31                      | 1.30            | 18.99              | -                        | -                    |

Table 7-40. ISED Antenna WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                         |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                         | 5250       | 50      | AVG      | 13.50                 | 13.35    | 23.98                       | -10.48                      | 2.20            | 15.70              | 23.01                    | -7.31                |

Table 7-41. ISED Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                         |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                         | 5250       | 50      | AVG      | 13.50                 | 13.50    | 23.98                       | -10.48                      | 2.20            | 15.70              | 23.01                    | -7.31                |

Table 7-42. ISED Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                         |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                         | 5250       | 50      | AVG      | 13.00                 | 12.95    | 23.98                       | -10.98                      | 2.20            | 15.20              | 23.01                    | -7.81                |

Table 7-43. ISED Antenna WF7a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 87 of 547                    |

### 7.4.3 FCC Antenna WF2a Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 18.35                 | 18.50   | 17.76    | 23.98                       | -5.48                       |
|                        | 5200       | 40      | AVG      | 19.36                 | 19.37   | 19.47    | 23.98                       | -4.61                       |
|                        | 5240       | 48      | AVG      | 19.31                 | 19.31   | 19.37    | 23.98                       | -4.67                       |
|                        | 5260       | 52      | AVG      | 19.30                 | 19.32   | 19.39    | 23.98                       | -4.66                       |
|                        | 5300       | 60      | AVG      | 19.31                 | 19.26   | 19.33    | 23.98                       | -4.67                       |
|                        | 5320       | 64      | AVG      | 18.96                 | 19.00   | 18.35    | 23.98                       | -4.98                       |
|                        | 5500       | 100     | AVG      | 19.38                 | 19.38   | 18.33    | 23.98                       | -4.60                       |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.37   | 19.33    | 23.98                       | -4.57                       |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.50   | 19.30    | 23.98                       | -4.48                       |
|                        | 5700       | 140     | AVG      | 18.00                 | 17.95   | 17.39    | 23.98                       | -5.98                       |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.29   | 19.50    | 23.98                       | -4.48                       |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.39   | 19.13    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.50                 | 19.50   | 19.32    | 30.00                       | -10.50                      |
|                        | 5825       | 165     | AVG      | 19.36                 | 19.39   | 19.43    | 30.00                       | -10.61                      |

Table 7-44. FCC Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 17.93                 | 17.78   | 17.50    | 23.98                       | -6.05                       |
|                        | 5200       | 40      | AVG      | 19.34                 | 19.31   | 19.50    | 23.98                       | -4.64                       |
|                        | 5240       | 48      | AVG      | 19.37                 | 19.41   | 19.44    | 23.98                       | -4.57                       |
|                        | 5260       | 52      | AVG      | 19.34                 | 19.25   | 19.46    | 23.98                       | -4.64                       |
|                        | 5300       | 60      | AVG      | 19.29                 | 19.39   | 19.40    | 23.98                       | -4.59                       |
|                        | 5320       | 64      | AVG      | 17.88                 | 17.95   | 17.45    | 23.98                       | -6.03                       |
|                        | 5500       | 100     | AVG      | 18.24                 | 18.17   | 17.44    | 23.98                       | -5.74                       |
|                        | 5520       | 104     | AVG      | 19.38                 | 19.42   | 19.45    | 23.98                       | -4.56                       |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.37   | 19.41    | 23.98                       | -4.53                       |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.43   | 19.24    | 23.98                       | -4.48                       |
|                        | 5700       | 140     | AVG      | 16.50                 | 16.35   | 15.27    | 23.98                       | -7.48                       |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.40   | 19.50    | 23.98                       | -4.48                       |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.45   | 19.48    | 30.00                       | -10.55                      |
|                        | 5785       | 157     | AVG      | 19.31                 | 19.36   | 19.31    | 30.00                       | -10.64                      |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.40   | 19.29    | 30.00                       | -10.50                      |

Table 7-45. FCC Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 88 of 547                    |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 17.00                 | 16.68   | 16.96    | 23.98                       | -6.98                       |
|                        | 5200       | 40      | AVG      | 19.38                 | 19.31   | 19.36    | 23.98                       | -4.60                       |
|                        | 5240       | 48      | AVG      | 19.44                 | 19.42   | 19.48    | 23.98                       | -4.54                       |
|                        | 5260       | 52      | AVG      | 19.50                 | 19.45   | 19.26    | 23.98                       | -4.48                       |
|                        | 5300       | 60      | AVG      | 19.43                 | 19.38   | 19.45    | 23.98                       | -4.55                       |
|                        | 5320       | 64      | AVG      | 16.96                 | 16.96   | 16.24    | 23.98                       | -7.02                       |
|                        | 5500       | 100     | AVG      | 16.37                 | 16.30   | 15.65    | 23.98                       | -7.61                       |
|                        | 5520       | 104     | AVG      | 19.48                 | 19.27   | 19.37    | 23.98                       | -4.50                       |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.38   | 19.36    | 23.98                       | -4.57                       |
|                        | 5660       | 132     | AVG      | 19.47                 | 19.47   | 19.43    | 23.98                       | -4.51                       |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.44   | 19.00    | 23.98                       | -4.48                       |
|                        | 5700       | 140     | AVG      | 14.44                 | 14.17   | 14.44    | 23.98                       | -9.54                       |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.42   | 19.30    | 23.98                       | -4.55                       |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.47   | 19.25    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.49                 | 19.26   | 19.40    | 30.00                       | -10.51                      |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.28   | 19.36    | 30.00                       | -10.50                      |

Table 7-46. FCC Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 16.46                 | 14.50    | 23.98                       | -7.52                       |
|                        | 5230       | 46      | AVG      | 19.36                 | 19.36    | 23.98                       | -4.62                       |
|                        | 5270       | 54      | AVG      | 19.29                 | 19.49    | 23.98                       | -4.69                       |
|                        | 5310       | 62      | AVG      | 17.32                 | 16.93    | 23.98                       | -6.66                       |
|                        | 5510       | 102     | AVG      | 15.96                 | 15.78    | 23.98                       | -8.02                       |
|                        | 5550       | 110     | AVG      | 19.28                 | 19.43    | 23.98                       | -4.70                       |
|                        | 5630       | 126     | AVG      | 19.42                 | 19.28    | 23.98                       | -4.56                       |
|                        | 5670       | 134     | AVG      | 19.50                 | 19.00    | 23.98                       | -4.48                       |
|                        | 5710       | 142     | AVG      | 19.46                 | 19.50    | 23.98                       | -4.52                       |
|                        | 5755       | 151     | AVG      | 19.46                 | 19.50    | 30.00                       | -10.54                      |
|                        | 5795       | 159     | AVG      | 19.26                 | 19.43    | 30.00                       | -10.74                      |

Table 7-47. FCC Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 89 of 547                    |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 15.30                 | 14.25    | 23.98                       | -8.68                       |
|                        | 5230       | 46      | AVG      | 19.30                 | 19.37    | 23.98                       | -4.68                       |
|                        | 5270       | 54      | AVG      | 19.36                 | 19.50    | 23.98                       | -4.62                       |
|                        | 5310       | 62      | AVG      | 16.40                 | 15.79    | 23.98                       | -7.58                       |
|                        | 5510       | 102     | AVG      | 15.50                 | 15.30    | 23.98                       | -8.48                       |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5630       | 126     | AVG      | 19.30                 | 19.39    | 23.98                       | -4.68                       |
|                        | 5670       | 134     | AVG      | 18.49                 | 17.95    | 23.98                       | -5.49                       |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.36    | 23.98                       | -4.48                       |
|                        | 5755       | 151     | AVG      | 19.37                 | 19.23    | 30.00                       | -10.63                      |
|                        | 5795       | 159     | AVG      | 19.39                 | 19.41    | 30.00                       | -10.61                      |

Table 7-48. FCC Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 14.32                 | 13.91    | 23.98                       | -9.66                       |
|                        | 5230       | 46      | AVG      | 19.31                 | 19.31    | 23.98                       | -4.67                       |
|                        | 5270       | 54      | AVG      | 19.39                 | 19.30    | 23.98                       | -4.59                       |
|                        | 5310       | 62      | AVG      | 14.62                 | 14.84    | 23.98                       | -9.36                       |
|                        | 5510       | 102     | AVG      | 14.14                 | 13.83    | 23.98                       | -9.84                       |
|                        | 5550       | 110     | AVG      | 19.25                 | 19.41    | 23.98                       | -4.73                       |
|                        | 5630       | 126     | AVG      | 19.50                 | 19.27    | 23.98                       | -4.48                       |
|                        | 5670       | 134     | AVG      | 15.83                 | 15.33    | 23.98                       | -8.15                       |
|                        | 5710       | 142     | AVG      | 19.45                 | 19.26    | 23.98                       | -4.53                       |
|                        | 5755       | 151     | AVG      | 19.25                 | 19.45    | 30.00                       | -10.75                      |
|                        | 5795       | 159     | AVG      | 19.49                 | 19.46    | 30.00                       | -10.52                      |

Table 7-49. FCC Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 90 of 547                    |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 14.45                 | 13.97    | 23.98                       | -9.53                       |
|                        | 5290       | 58      | AVG      | 17.00                 | 16.50    | 23.98                       | -6.98                       |
|                        | 5530       | 106     | AVG      | 14.97                 | 15.00    | 23.98                       | -8.98                       |
|                        | 5610       | 122     | AVG      | 19.50                 | 19.33    | 23.98                       | -4.48                       |
|                        | 5690       | 138     | AVG      | 19.48                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5775       | 155     | AVG      | 18.88                 | 18.22    | 30.00                       | -11.12                      |

Table 7-50. FCC Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.86                 | 13.72    | 23.98                       | -10.12                      |
|                        | 5290       | 58      | AVG      | 15.89                 | 15.50    | 23.98                       | -8.09                       |
|                        | 5530       | 106     | AVG      | 13.78                 | 13.82    | 23.98                       | -10.20                      |
|                        | 5610       | 122     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.31    | 23.98                       | -4.48                       |
|                        | 5775       | 155     | AVG      | 18.69                 | 17.46    | 30.00                       | -11.31                      |

Table 7-51. FCC Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.47                 | 13.34    | 23.98                       | -10.51                      |
|                        | 5290       | 58      | AVG      | 13.89                 | 13.91    | 23.98                       | -10.09                      |
|                        | 5530       | 106     | AVG      | 13.37                 | 13.47    | 23.98                       | -10.61                      |
|                        | 5610       | 122     | AVG      | 18.70                 | 18.51    | 23.98                       | -5.28                       |
|                        | 5690       | 138     | AVG      | 19.25                 | 19.34    | 23.98                       | -4.73                       |
|                        | 5775       | 155     | AVG      | 17.62                 | 17.48    | 30.00                       | -12.38                      |

Table 7-52. FCC Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 91 of 547                    |

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| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 13.35                 | 13.44    | 23.98                             | -10.63                            |
|                               | 5570       | 114     | AVG      | 13.89                 | 13.75    | 30.00                             | -16.11                            |

Table 7-53. FCC Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 13.45                 | 13.50    | 23.98                             | -10.53                            |
|                               | 5570       | 114     | AVG      | 13.26                 | 13.32    | 30.00                             | -16.74                            |

Table 7-54. FCC Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 12.82                 | 12.83    | 23.98                             | -11.16                            |
|                               | 5570       | 114     | AVG      | 12.80                 | 12.89    | 30.00                             | -17.20                            |

Table 7-55. FCC Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 92 of 547                    |

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## 7.4.4 ISED Antenna WF2a Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.42                 | 17.50   | 17.50    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5200       | 40      | AVG      | 17.22                 | 17.50   | 17.28    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5240       | 48      | AVG      | 17.43                 | 17.50   | 17.44    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5260       | 52      | AVG      | 19.30                 | 19.32   | 19.39    | 23.98                       | -4.66                       | 1.50            | 20.89              | 30.00                    | -9.11                |
|                        | 5300       | 60      | AVG      | 19.31                 | 19.26   | 19.33    | 23.98                       | -4.67                       | 1.50            | 20.83              | 30.00                    | -9.17                |
|                        | 5320       | 64      | AVG      | 18.96                 | 19.00   | 18.35    | 23.98                       | -4.98                       | 1.50            | 20.50              | 30.00                    | -9.50                |
|                        | 5500       | 100     | AVG      | 19.38                 | 19.38   | 18.33    | 23.98                       | -4.60                       | 2.20            | 21.58              | 30.00                    | -8.42                |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.37   | 19.33    | 23.98                       | -4.57                       | 2.20            | 21.61              | 30.00                    | -8.39                |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.50   | 19.30    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5700       | 140     | AVG      | 18.00                 | 17.95   | 17.39    | 23.98                       | -5.98                       | 2.20            | 20.20              | 30.00                    | -9.80                |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.29   | 19.50    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.39   | 19.13    | 30.00                       | -10.50                      | 1.20            | 20.70              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.50                 | 19.50   | 19.32    | 30.00                       | -10.50                      | 1.20            | 20.70              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.36                 | 19.39   | 19.43    | 30.00                       | -10.61                      | 1.20            | 20.63              | -                        | -                    |

Table 7-56. ISED Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.49                 | 17.50   | 17.36    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5200       | 40      | AVG      | 17.47                 | 17.23   | 17.27    | -                           | -                           | 0.00            | 17.47              | 23.01                    | -5.54                |
|                        | 5240       | 48      | AVG      | 17.42                 | 17.50   | 17.38    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5260       | 52      | AVG      | 19.34                 | 19.25   | 19.46    | 23.98                       | -4.64                       | 1.50            | 20.96              | 30.00                    | -9.04                |
|                        | 5300       | 60      | AVG      | 19.29                 | 19.39   | 19.40    | 23.98                       | -4.59                       | 1.50            | 20.90              | 30.00                    | -9.10                |
|                        | 5320       | 64      | AVG      | 17.88                 | 17.95   | 17.45    | 23.98                       | -6.03                       | 1.50            | 19.45              | 30.00                    | -10.55               |
|                        | 5500       | 100     | AVG      | 18.24                 | 18.17   | 17.44    | 23.98                       | -5.74                       | 2.20            | 20.44              | 30.00                    | -9.56                |
|                        | 5520       | 104     | AVG      | 19.38                 | 19.42   | 19.45    | 23.98                       | -4.56                       | 2.20            | 21.65              | 30.00                    | -8.35                |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.37   | 19.41    | 23.98                       | -4.53                       | 2.20            | 21.65              | 30.00                    | -8.35                |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.43   | 19.24    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5700       | 140     | AVG      | 16.50                 | 16.35   | 15.27    | 23.98                       | -7.48                       | 2.20            | 18.70              | 30.00                    | -11.30               |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.40   | 19.50    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.45   | 19.48    | 30.00                       | -10.55                      | 1.20            | 20.68              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.31                 | 19.36   | 19.31    | 30.00                       | -10.64                      | 1.20            | 20.56              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.40   | 19.29    | 30.00                       | -10.50                      | 1.20            | 20.70              | -                        | -                    |

Table 7-57. ISED Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 93 of 547                    |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.00                 | 16.95   | 16.90    | -                           | -                           | 0.00            | 17.00              | 23.01                    | -6.01                |
|                        | 5200       | 40      | AVG      | 17.45                 | 17.50   | 17.40    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5240       | 48      | AVG      | 17.34                 | 17.50   | 17.37    | -                           | -                           | 0.00            | 17.50              | 23.01                    | -5.51                |
|                        | 5260       | 52      | AVG      | 19.50                 | 19.45   | 19.26    | 23.98                       | -4.48                       | 1.50            | 21.00              | 30.00                    | -9.00                |
|                        | 5300       | 60      | AVG      | 19.43                 | 19.38   | 19.45    | 23.98                       | -4.55                       | 1.50            | 20.95              | 30.00                    | -9.05                |
|                        | 5320       | 64      | AVG      | 16.96                 | 16.96   | 16.24    | 23.98                       | -7.02                       | 1.50            | 18.46              | 30.00                    | -11.54               |
|                        | 5500       | 100     | AVG      | 16.37                 | 16.30   | 15.65    | 23.98                       | -7.61                       | 2.20            | 18.57              | 30.00                    | -11.43               |
|                        | 5520       | 104     | AVG      | 19.48                 | 19.27   | 19.37    | 23.98                       | -4.50                       | 2.20            | 21.68              | 30.00                    | -8.32                |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.38   | 19.36    | 23.98                       | -4.57                       | 2.20            | 21.61              | 30.00                    | -8.39                |
|                        | 5680       | 136     | AVG      | 19.50                 | 19.44   | 19.00    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5700       | 140     | AVG      | 14.44                 | 14.17   | 14.44    | 23.98                       | -9.54                       | 2.20            | 16.64              | 30.00                    | -13.36               |
|                        | 5720       | 144     | AVG      | 19.43                 | 19.42   | 19.30    | 23.98                       | -4.55                       | 2.20            | 21.63              | 30.00                    | -8.37                |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.47   | 19.25    | 30.00                       | -10.50                      | 1.20            | 20.70              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.49                 | 19.26   | 19.40    | 30.00                       | -10.51                      | 1.20            | 20.69              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.28   | 19.36    | 30.00                       | -10.50                      | 1.20            | 20.70              | -                        | -                    |

Table 7-58. ISED Antenna WF2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 16.50                 | 14.45    | -                           | -                           | 0.00            | 16.50              | 23.01                    | -6.51                |
|                        | 5230       | 46      | AVG      | 19.29                 | 19.49    | -                           | -                           | 0.00            | 19.49              | 23.01                    | -3.52                |
|                        | 5270       | 54      | AVG      | 19.29                 | 19.49    | 23.98                       | -4.69                       | 1.50            | 20.99              | 30.00                    | -9.01                |
|                        | 5310       | 62      | AVG      | 17.32                 | 16.93    | 23.98                       | -6.66                       | 1.50            | 18.82              | 30.00                    | -11.18               |
|                        | 5510       | 102     | AVG      | 15.96                 | 15.78    | 23.98                       | -8.02                       | 2.20            | 18.16              | 30.00                    | -11.84               |
|                        | 5550       | 110     | AVG      | 19.28                 | 19.43    | 23.98                       | -4.70                       | 2.20            | 21.63              | 30.00                    | -8.37                |
|                        | 5670       | 134     | AVG      | 19.50                 | 19.00    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5710       | 142     | AVG      | 19.46                 | 19.50    | 23.98                       | -4.52                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5755       | 151     | AVG      | 19.46                 | 19.50    | 30.00                       | -10.54                      | 1.20            | 20.70              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.26                 | 19.43    | 30.00                       | -10.74                      | 1.20            | 20.63              | -                        | -                    |

Table 7-59. ISED Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 15.49                 | 14.15    | -                           | -                           | 0.00            | 15.49              | 23.01                    | -7.52                |
|                        | 5230       | 46      | AVG      | 19.50                 | 19.46    | -                           | -                           | 0.00            | 19.50              | 23.01                    | -3.51                |
|                        | 5270       | 54      | AVG      | 19.36                 | 19.50    | 23.98                       | -4.62                       | 1.50            | 21.00              | 30.00                    | -9.00                |
|                        | 5310       | 62      | AVG      | 16.40                 | 15.79    | 23.98                       | -7.58                       | 1.50            | 17.90              | 30.00                    | -12.10               |
|                        | 5510       | 102     | AVG      | 15.50                 | 15.30    | 23.98                       | -8.48                       | 2.20            | 17.70              | 30.00                    | -12.30               |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5670       | 134     | AVG      | 18.49                 | 17.95    | 23.98                       | -5.49                       | 2.20            | 20.69              | 30.00                    | -9.31                |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.36    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5755       | 151     | AVG      | 19.37                 | 19.23    | 30.00                       | -10.63                      | 1.20            | 20.57              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.39                 | 19.41    | 30.00                       | -10.61                      | 1.20            | 20.61              | -                        | -                    |

Table 7-60. ISED Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 94 of 547                    |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 14.50                 | 13.87    | -                           | -                           | 0.00            | 14.50              | 23.01                    | -8.51                |
|                        | 5230       | 46      | AVG      | 19.50                 | 19.42    | -                           | -                           | 0.00            | 19.50              | 23.01                    | -3.51                |
|                        | 5270       | 54      | AVG      | 19.39                 | 19.30    | 23.98                       | -4.59                       | 1.50            | 20.89              | 30.00                    | -9.11                |
|                        | 5310       | 62      | AVG      | 14.62                 | 14.84    | 23.98                       | -9.36                       | 1.50            | 16.34              | 30.00                    | -13.67               |
|                        | 5510       | 102     | AVG      | 14.14                 | 13.83    | 23.98                       | -9.84                       | 2.20            | 16.34              | 30.00                    | -13.66               |
|                        | 5550       | 110     | AVG      | 19.25                 | 19.41    | 23.98                       | -4.73                       | 2.20            | 21.61              | 30.00                    | -8.39                |
|                        | 5670       | 134     | AVG      | 15.83                 | 15.33    | 23.98                       | -8.15                       | 2.20            | 18.03              | 30.00                    | -11.97               |
|                        | 5710       | 142     | AVG      | 19.45                 | 19.26    | 23.98                       | -4.53                       | 2.20            | 21.65              | 30.00                    | -8.35                |
|                        | 5755       | 151     | AVG      | 19.25                 | 19.45    | 30.00                       | -10.75                      | 1.20            | 20.65              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.49                 | 19.46    | 30.00                       | -10.52                      | 1.20            | 20.69              | -                        | -                    |

Table 7-61. ISED Antenna WF2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 14.28                 | 13.80    | -                           | -                           | 0.00            | 14.28              | 23.01                    | -8.73                |
|                        | 5290       | 58      | AVG      | 17.00                 | 16.50    | 23.98                       | -6.98                       | 1.50            | 18.50              | 30.00                    | -11.50               |
|                        | 5530       | 106     | AVG      | 14.97                 | 15.00    | 23.98                       | -8.98                       | 2.20            | 17.20              | 30.00                    | -12.80               |
|                        | 5690       | 138     | AVG      | 19.48                 | 19.50    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5775       | 155     | AVG      | 18.88                 | 18.22    | 30.00                       | -11.12                      | 1.20            | 20.08              | -                        | -                    |

Table 7-62. ISED Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.84                 | 13.75    | -                           | -                           | 0.00            | 13.84              | 23.01                    | -9.17                |
|                        | 5290       | 58      | AVG      | 15.89                 | 15.50    | 23.98                       | -8.09                       | 1.50            | 17.39              | 30.00                    | -12.61               |
|                        | 5530       | 106     | AVG      | 13.78                 | 13.82    | 23.98                       | -10.20                      | 2.20            | 16.02              | 30.00                    | -13.98               |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.31    | 23.98                       | -4.48                       | 2.20            | 21.70              | 30.00                    | -8.30                |
|                        | 5775       | 155     | AVG      | 18.69                 | 17.46    | 30.00                       | -11.31                      | 1.20            | 19.89              | -                        | -                    |

Table 7-63. ISED Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ax              |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.50                 | -                           | -                           | 0.00            | 13.50              | 23.01                    | -9.51                |
|                        | 5290       | 58      | AVG      | 13.91                 | 23.98                       | -10.19                      | 1.50            | 15.41              | 30.00                    | -14.59               |
|                        | 5530       | 106     | AVG      | 13.27                 | 23.98                       | -10.71                      | 2.20            | 15.47              | 30.00                    | -14.53               |
|                        | 5690       | 138     | AVG      | 19.34                 | 23.98                       | -4.73                       | 2.20            | 21.54              | 30.00                    | -8.46                |
|                        | 5775       | 155     | AVG      | 17.45                 | 30.00                       | -12.38                      | 1.20            | 18.82              | -                        | -                    |

Table 7-64. ISED Antenna WF2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 95 of 547                    |

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| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 13.46                 | 13.49    | 23.98                             | -10.52                            | 1.50               | 14.96                 | 23.01                       | -8.05                   |

Table 7-65. ISED Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 13.46                 | 13.50    | 23.98                             | -10.52                            | 1.50               | 14.96                 | 23.01                       | -8.05                   |

Table 7-66. ISED Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 12.98                 | 12.93    | 23.98                             | -11.00                            | 1.50               | 14.48                 | 23.01                       | -8.53                   |

Table 7-67. ISED Antenna WF2a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 96 of 547                    |

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## 7.4.5 FCC Antenna WF7b Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 18.50                 | 18.28   | 17.92    | 23.98                       | -5.48                       |
|                        | 5200       | 40      | AVG      | 19.45                 | 19.49   | 19.37    | 23.98                       | -4.49                       |
|                        | 5240       | 48      | AVG      | 19.46                 | 19.50   | 19.39    | 23.98                       | -4.48                       |
|                        | 5260       | 52      | AVG      | 19.28                 | 19.50   | 19.29    | 23.98                       | -4.48                       |
|                        | 5300       | 60      | AVG      | 19.36                 | 19.50   | 19.31    | 23.98                       | -4.48                       |
|                        | 5320       | 64      | AVG      | 19.00                 | 18.87   | 18.50    | 23.98                       | -4.98                       |
|                        | 5500       | 100     | AVG      | 19.50                 | 19.36   | 18.21    | 23.98                       | -4.48                       |
|                        | 5520       | 104     | AVG      | 19.45                 | 19.32   | 19.37    | 23.98                       | -4.53                       |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.32   | 19.50    | 23.98                       | -4.53                       |
|                        | 5720       | 144     | AVG      | 19.44                 | 19.45   | 19.47    | 23.98                       | -4.53                       |
|                        | 5745       | 149     | AVG      | 19.37                 | 19.47   | 19.34    | 30.00                       | -10.53                      |
|                        | 5785       | 157     | AVG      | 19.35                 | 19.48   | 19.49    | 30.00                       | -10.52                      |
|                        | 5825       | 165     | AVG      | 19.46                 | 19.45   | 19.44    | 30.00                       | -10.54                      |

Table 7-68. FCC Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 17.79                 | 17.94   | 17.46    | 23.98                       | -6.04                       |
|                        | 5200       | 40      | AVG      | 19.50                 | 19.50   | 19.39    | 23.98                       | -4.48                       |
|                        | 5240       | 48      | AVG      | 19.50                 | 19.50   | 19.43    | 23.98                       | -4.48                       |
|                        | 5260       | 52      | AVG      | 19.43                 | 19.42   | 19.49    | 23.98                       | -4.55                       |
|                        | 5300       | 60      | AVG      | 19.40                 | 19.48   | 19.50    | 23.98                       | -4.50                       |
|                        | 5320       | 64      | AVG      | 18.00                 | 18.00   | 17.50    | 23.98                       | -5.98                       |
|                        | 5500       | 100     | AVG      | 18.21                 | 18.05   | 17.32    | 23.98                       | -5.77                       |
|                        | 5520       | 104     | AVG      | 19.41                 | 19.42   | 19.41    | 23.98                       | -4.56                       |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.42   | 19.50    | 23.98                       | -4.56                       |
|                        | 5680       | 136     | AVG      | 19.38                 | 19.38   | 19.41    | 23.98                       | -4.60                       |
|                        | 5700       | 140     | AVG      | 16.50                 | 16.34   | 15.43    | 23.98                       | -7.48                       |
|                        | 5720       | 144     | AVG      | 19.49                 | 19.50   | 19.50    | 23.98                       | -4.48                       |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.41   | 19.40    | 30.00                       | -10.50                      |
|                        | 5785       | 157     | AVG      | 19.44                 | 19.50   | 19.27    | 30.00                       | -10.50                      |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.41   | 19.50    | 30.00                       | -10.50                      |

Table 7-69. FCC Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 97 of 547                    |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |
|                        | 5180       | 36      | AVG      | 16.87                 | 16.95   | 16.78    | 23.98                       | -7.03                       |
|                        | 5200       | 40      | AVG      | 19.49                 | 19.45   | 19.30    | 23.98                       | -4.49                       |
|                        | 5240       | 48      | AVG      | 19.50                 | 19.27   | 19.33    | 23.98                       | -4.48                       |
|                        | 5260       | 52      | AVG      | 19.29                 | 19.44   | 19.46    | 23.98                       | -4.54                       |
|                        | 5300       | 60      | AVG      | 19.26                 | 19.47   | 19.26    | 23.98                       | -4.51                       |
|                        | 5320       | 64      | AVG      | 16.85                 | 16.99   | 16.27    | 23.98                       | -6.99                       |
|                        | 5500       | 100     | AVG      | 16.50                 | 16.50   | 15.63    | 23.98                       | -7.48                       |
|                        | 5520       | 104     | AVG      | 19.26                 | 19.44   | 19.25    | 23.98                       | -4.54                       |
|                        | 5580       | 116     | AVG      | 19.48                 | 19.49   | 19.50    | 23.98                       | -4.49                       |
|                        | 5660       | 132     | AVG      | 19.42                 | 19.40   | 19.37    | 23.98                       | -4.56                       |
|                        | 5680       | 136     | AVG      | 19.31                 | 19.40   | 19.00    | 23.98                       | -4.58                       |
|                        | 5700       | 140     | AVG      | 14.39                 | 14.46   | 14.27    | 23.98                       | -9.52                       |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.50   | 19.49    | 23.98                       | -4.48                       |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.46   | 19.50    | 30.00                       | -10.55                      |
|                        | 5785       | 157     | AVG      | 19.50                 | 19.50   | 19.41    | 30.00                       | -10.50                      |
|                        | 5825       | 165     | AVG      | 19.39                 | 19.50   | 19.37    | 30.00                       | -10.50                      |

Table 7-70. FCC Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 16.35                 | 14.40    | 23.98                       | -7.63                       |
|                        | 5230       | 46      | AVG      | 19.50                 | 19.31    | 23.98                       | -4.48                       |
|                        | 5270       | 54      | AVG      | 19.26                 | 19.50    | 23.98                       | -4.72                       |
|                        | 5310       | 62      | AVG      | 17.42                 | 16.85    | 23.98                       | -6.56                       |
|                        | 5510       | 102     | AVG      | 16.00                 | 16.00    | 23.98                       | -7.98                       |
|                        | 5550       | 110     | AVG      | 19.26                 | 19.44    | 23.98                       | -4.72                       |
|                        | 5630       | 126     | AVG      | 19.45                 | 19.35    | 23.98                       | -4.53                       |
|                        | 5670       | 134     | AVG      | 19.29                 | 18.84    | 23.98                       | -4.69                       |
|                        | 5710       | 142     | AVG      | 19.37                 | 19.50    | 23.98                       | -4.61                       |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.35    | 30.00                       | -10.50                      |
|                        | 5795       | 159     | AVG      | 19.50                 | 19.50    | 30.00                       | -10.50                      |

Table 7-71. FCC Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 98 of 547                    |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 15.49                 | 14.16    | 23.98                       | -8.49                       |
|                        | 5230       | 46      | AVG      | 19.35                 | 19.47    | 23.98                       | -4.63                       |
|                        | 5270       | 54      | AVG      | 19.40                 | 19.31    | 23.98                       | -4.58                       |
|                        | 5310       | 62      | AVG      | 16.50                 | 16.00    | 23.98                       | -7.48                       |
|                        | 5510       | 102     | AVG      | 15.39                 | 15.27    | 23.98                       | -8.59                       |
|                        | 5550       | 110     | AVG      | 19.42                 | 19.50    | 23.98                       | -4.56                       |
|                        | 5630       | 126     | AVG      | 19.39                 | 19.44    | 23.98                       | -4.59                       |
|                        | 5670       | 134     | AVG      | 18.50                 | 17.80    | 23.98                       | -5.48                       |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.48    | 30.00                       | -10.50                      |
|                        | 5795       | 159     | AVG      | 19.28                 | 19.39    | 30.00                       | -10.73                      |

Table 7-72. FCC Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |
|                        | 5190       | 38      | AVG      | 14.35                 | 14.00    | 23.98                       | -9.63                       |
|                        | 5230       | 46      | AVG      | 19.43                 | 19.50    | 23.98                       | -4.55                       |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.43    | 23.98                       | -4.48                       |
|                        | 5310       | 62      | AVG      | 14.98                 | 14.75    | 23.98                       | -9.00                       |
|                        | 5510       | 102     | AVG      | 14.07                 | 13.86    | 23.98                       | -9.91                       |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.44    | 23.98                       | -4.48                       |
|                        | 5630       | 126     | AVG      | 19.44                 | 19.50    | 23.98                       | -4.54                       |
|                        | 5670       | 134     | AVG      | 15.77                 | 15.28    | 23.98                       | -8.21                       |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.41    | 23.98                       | -4.48                       |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.42    | 30.00                       | -10.50                      |
|                        | 5795       | 159     | AVG      | 19.30                 | 19.50    | 30.00                       | -10.70                      |

Table 7-73. FCC Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 99 of 547                    |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 14.5                  | 13.88    | 23.98                       | -9.48                       |
|                        | 5290       | 58      | AVG      | 16.76                 | 16.46    | 23.98                       | -7.22                       |
|                        | 5530       | 106     | AVG      | 15.00                 | 14.91    | 23.98                       | -8.98                       |
|                        | 5610       | 122     | AVG      | 19.50                 | 19.46    | 23.98                       | -4.48                       |
|                        | 5690       | 138     | AVG      | 19.45                 | 19.43    | 23.98                       | -4.53                       |
|                        | 5775       | 155     | AVG      | 18.91                 | 18.19    | 30.00                       | -11.09                      |

Table 7-74. FCC Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.85                 | 13.71    | 23.98                       | -10.13                      |
|                        | 5290       | 58      | AVG      | 15.81                 | 15.31    | 23.98                       | -8.17                       |
|                        | 5530       | 106     | AVG      | 13.80                 | 13.95    | 23.98                       | -10.18                      |
|                        | 5610       | 122     | AVG      | 19.50                 | 19.49    | 23.98                       | -4.48                       |
|                        | 5690       | 138     | AVG      | 19.33                 | 19.48    | 23.98                       | -4.65                       |
|                        | 5775       | 155     | AVG      | 18.71                 | 17.42    | 30.00                       | -11.29                      |

Table 7-75. FCC Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |
|                        | 5210       | 42      | AVG      | 13.5                  | 13.50    | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 14.00                 | 13.86    | 23.98                       | -9.98                       |
|                        | 5530       | 106     | AVG      | 13.50                 | 13.31    | 23.98                       | -10.48                      |
|                        | 5610       | 122     | AVG      | 18.75                 | 18.66    | 23.98                       | -5.23                       |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.42    | 23.98                       | -4.48                       |
|                        | 5775       | 155     | AVG      | 17.64                 | 17.42    | 30.00                       | -12.36                      |

Table 7-76. FCC Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 100 of 547                   |

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| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 13.41                 | 13.41    | 23.98                             | -10.57                            |
|                               | 5570       | 114     | AVG      | 13.91                 | 13.68    | 30.00                             | -16.09                            |

Table 7-77. FCC Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 13.45                 | 13.38    | 23.98                             | -10.53                            |
|                               | 5570       | 114     | AVG      | 13.93                 | 13.72    | 30.00                             | -16.07                            |

Table 7-78. FCC Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |
|                               | 5250       | 50      | AVG      | 12.85                 | 12.90    | 23.98                             | -11.13                            |
|                               | 5570       | 114     | AVG      | 12.88                 | 12.82    | 30.00                             | -17.12                            |

Table 7-79. FCC Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 101 of 547                   |

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## 7.4.6 ISED Antenna WF7b Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.31                 | 17.33   | 17.50    | -                           | -                           | 0.10            | 17.60              | 23.01                    | -5.41                |
|                        | 5200       | 40      | AVG      | 17.50                 | 17.36   | 17.50    | -                           | -                           | 0.10            | 17.60              | 23.01                    | -5.41                |
|                        | 5240       | 48      | AVG      | 17.42                 | 17.36   | 17.33    | -                           | -                           | 0.10            | 17.52              | 23.01                    | -5.49                |
|                        | 5260       | 52      | AVG      | 19.28                 | 19.50   | 19.29    | 23.98                       | -4.48                       | 0.30            | 19.80              | 30.00                    | -10.20               |
|                        | 5300       | 60      | AVG      | 19.36                 | 19.50   | 19.31    | 23.98                       | -4.48                       | 0.30            | 19.80              | 30.00                    | -10.20               |
|                        | 5320       | 64      | AVG      | 19.00                 | 18.87   | 18.50    | 23.98                       | -4.98                       | 0.30            | 19.30              | 30.00                    | -10.70               |
|                        | 5500       | 100     | AVG      | 19.50                 | 19.36   | 18.21    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5520       | 104     | AVG      | 19.45                 | 19.32   | 19.37    | 23.98                       | -4.53                       | 2.30            | 21.75              | 30.00                    | -8.25                |
|                        | 5580       | 116     | AVG      | 19.45                 | 19.32   | 19.50    | 23.98                       | -4.53                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5720       | 144     | AVG      | 19.44                 | 19.45   | 19.47    | 23.98                       | -4.53                       | 2.30            | 21.77              | 30.00                    | -8.23                |
|                        | 5745       | 149     | AVG      | 19.37                 | 19.47   | 19.34    | 30.00                       | -10.53                      | 1.40            | 20.87              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.35                 | 19.48   | 19.49    | 30.00                       | -10.52                      | 1.40            | 20.89              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.46                 | 19.45   | 19.44    | 30.00                       | -10.54                      | 1.40            | 20.86              | -                        | -                    |

Table 7-80. ISED Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.28                 | 17.36   | 17.50    | -                           | -                           | 0.10            | 17.60              | 23.01                    | -5.41                |
|                        | 5200       | 40      | AVG      | 17.32                 | 17.47   | 17.31    | -                           | -                           | 0.10            | 17.57              | 23.01                    | -5.44                |
|                        | 5240       | 48      | AVG      | 17.41                 | 17.45   | 17.26    | -                           | -                           | 0.10            | 17.55              | 23.01                    | -5.46                |
|                        | 5260       | 52      | AVG      | 19.43                 | 19.42   | 19.49    | 23.98                       | -4.55                       | 0.30            | 19.79              | 30.00                    | -10.21               |
|                        | 5300       | 60      | AVG      | 19.40                 | 19.48   | 19.50    | 23.98                       | -4.50                       | 0.30            | 19.80              | 30.00                    | -10.20               |
|                        | 5320       | 64      | AVG      | 18.00                 | 18.00   | 17.50    | 23.98                       | -5.98                       | 0.30            | 18.30              | 30.00                    | -11.70               |
|                        | 5500       | 100     | AVG      | 18.21                 | 18.05   | 17.32    | 23.98                       | -5.77                       | 2.30            | 20.51              | 30.00                    | -9.49                |
|                        | 5520       | 104     | AVG      | 19.41                 | 19.42   | 19.41    | 23.98                       | -4.56                       | 2.30            | 21.72              | 30.00                    | -8.28                |
|                        | 5580       | 116     | AVG      | 19.41                 | 19.42   | 19.50    | 23.98                       | -4.56                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5680       | 136     | AVG      | 19.38                 | 19.38   | 19.41    | 23.98                       | -4.60                       | 2.30            | 21.71              | 30.00                    | -8.29                |
|                        | 5700       | 140     | AVG      | 16.50                 | 16.34   | 15.43    | 23.98                       | -7.48                       | 2.30            | 18.80              | 30.00                    | -11.20               |
|                        | 5720       | 144     | AVG      | 19.49                 | 19.50   | 19.50    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5745       | 149     | AVG      | 19.50                 | 19.41   | 19.40    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.44                 | 19.50   | 19.27    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.50                 | 19.41   | 19.50    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |

Table 7-81. ISED Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |         |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|---------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11a               | 802.11n | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 17.00                 | 16.82   | 16.97    | -                           | -                           | 0.10            | 17.10              | 23.01                    | -5.91                |
|                        | 5200       | 40      | AVG      | 17.27                 | 17.34   | 17.50    | -                           | -                           | 0.10            | 17.60              | 23.01                    | -5.41                |
|                        | 5240       | 48      | AVG      | 17.50                 | 17.50   | 17.36    | -                           | -                           | 0.10            | 17.60              | 23.01                    | -5.41                |
|                        | 5260       | 52      | AVG      | 19.29                 | 19.44   | 19.46    | 23.98                       | -4.54                       | 0.30            | 19.76              | 30.00                    | -10.24               |
|                        | 5300       | 60      | AVG      | 19.26                 | 19.47   | 19.26    | 23.98                       | -4.51                       | 0.30            | 19.77              | 30.00                    | -10.23               |
|                        | 5320       | 64      | AVG      | 16.85                 | 16.99   | 16.27    | 23.98                       | -6.99                       | 0.30            | 17.29              | 30.00                    | -12.71               |
|                        | 5500       | 100     | AVG      | 16.50                 | 16.50   | 15.63    | 23.98                       | -7.48                       | 2.30            | 18.80              | 30.00                    | -11.20               |
|                        | 5520       | 104     | AVG      | 19.26                 | 19.44   | 19.25    | 23.98                       | -4.54                       | 2.30            | 21.74              | 30.00                    | -8.26                |
|                        | 5580       | 116     | AVG      | 19.48                 | 19.49   | 19.50    | 23.98                       | -4.49                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5660       | 132     | AVG      | 19.42                 | 19.40   | 19.37    | 23.98                       | -4.56                       | 2.30            | 21.72              | 30.00                    | -8.28                |
|                        | 5680       | 136     | AVG      | 19.31                 | 19.40   | 19.00    | 23.98                       | -4.58                       | 2.30            | 21.70              | 30.00                    | -8.30                |
|                        | 5700       | 140     | AVG      | 14.39                 | 14.46   | 14.27    | 23.98                       | -9.52                       | 2.30            | 16.76              | 30.00                    | -13.24               |
|                        | 5720       | 144     | AVG      | 19.50                 | 19.50   | 19.49    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5745       | 149     | AVG      | 19.45                 | 19.46   | 19.50    | 30.00                       | -10.55                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 19.50                 | 19.50   | 19.41    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 19.39                 | 19.50   | 19.37    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |

Table 7-82. ISED Antenna WF7b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 102 of 547                   |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 16.46                 | 14.50    | -                           | -                           | 0.10            | 16.56              | 23.01                    | -6.45                |
|                        | 5230       | 46      | AVG      | 19.43                 | 19.28    | -                           | -                           | 0.10            | 19.53              | 23.01                    | -3.48                |
|                        | 5270       | 54      | AVG      | 19.26                 | 19.50    | 23.98                       | -4.72                       | 0.30            | 19.80              | 30.00                    | -10.20               |
|                        | 5310       | 62      | AVG      | 17.42                 | 16.85    | 23.98                       | -6.56                       | 0.30            | 17.72              | 30.00                    | -12.28               |
|                        | 5510       | 102     | AVG      | 16.00                 | 16.00    | 23.98                       | -7.98                       | 2.30            | 18.30              | 30.00                    | -11.70               |
|                        | 5550       | 110     | AVG      | 19.26                 | 19.44    | 23.98                       | -4.72                       | 2.30            | 21.74              | 30.00                    | -8.26                |
|                        | 5670       | 134     | AVG      | 19.29                 | 18.84    | 23.98                       | -4.69                       | 2.30            | 21.59              | 30.00                    | -8.41                |
|                        | 5710       | 142     | AVG      | 19.37                 | 19.50    | 23.98                       | -4.61                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.35    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.50                 | 19.50    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |

Table 7-83. ISED Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 15.49                 | 14.12    | -                           | -                           | 0.10            | 15.59              | 23.01                    | -7.42                |
|                        | 5230       | 46      | AVG      | 19.28                 | 19.48    | -                           | -                           | 0.10            | 19.58              | 23.01                    | -3.44                |
|                        | 5270       | 54      | AVG      | 19.40                 | 19.31    | 23.98                       | -4.58                       | 0.30            | 19.70              | 30.00                    | -10.30               |
|                        | 5310       | 62      | AVG      | 16.50                 | 16.00    | 23.98                       | -7.48                       | 0.30            | 16.80              | 30.00                    | -13.20               |
|                        | 5510       | 102     | AVG      | 15.39                 | 15.27    | 23.98                       | -8.59                       | 2.30            | 17.69              | 30.00                    | -12.31               |
|                        | 5550       | 110     | AVG      | 19.42                 | 19.50    | 23.98                       | -4.56                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5670       | 134     | AVG      | 18.50                 | 17.80    | 23.98                       | -5.48                       | 2.30            | 20.80              | 30.00                    | -9.20                |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.50    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.48    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.28                 | 19.39    | 30.00                       | -10.73                      | 1.40            | 20.79              | -                        | -                    |

Table 7-84. ISED Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11n               | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 14.48                 | 14.00    | -                           | -                           | 0.10            | 14.58              | 23.01                    | -8.43                |
|                        | 5230       | 46      | AVG      | 19.31                 | 19.50    | -                           | -                           | 0.10            | 19.60              | 23.01                    | -3.41                |
|                        | 5270       | 54      | AVG      | 19.50                 | 19.43    | 23.98                       | -4.48                       | 0.30            | 19.80              | 30.00                    | -10.21               |
|                        | 5310       | 62      | AVG      | 14.98                 | 14.75    | 23.98                       | -9.00                       | 0.30            | 15.28              | 30.00                    | -14.72               |
|                        | 5510       | 102     | AVG      | 14.07                 | 13.86    | 23.98                       | -9.91                       | 2.30            | 16.37              | 30.00                    | -13.63               |
|                        | 5550       | 110     | AVG      | 19.50                 | 19.44    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5670       | 134     | AVG      | 15.77                 | 15.28    | 23.98                       | -8.21                       | 2.30            | 18.07              | 30.00                    | -11.93               |
|                        | 5710       | 142     | AVG      | 19.50                 | 19.41    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5755       | 151     | AVG      | 19.50                 | 19.42    | 30.00                       | -10.50                      | 1.40            | 20.90              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 19.30                 | 19.50    | 30.00                       | -10.70                      | 1.40            | 20.90              | -                        | -                    |

Table 7-85. ISED Antenna WF7b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 14.42                 | 14.00    | -                           | -                           | 0.10            | 14.52              | 23.01                    | -8.49                |
|                        | 5290       | 58      | AVG      | 16.86                 | 16.46    | 23.98                       | -7.12                       | 0.30            | 17.16              | 30.00                    | -12.85               |
|                        | 5530       | 106     | AVG      | 15.00                 | 14.91    | 23.98                       | -8.98                       | 2.30            | 17.30              | 30.00                    | -12.70               |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.43    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5775       | 155     | AVG      | 19.45                 | 19.49    | 30.00                       | -10.55                      | 1.40            | 20.85              | -                        | -                    |

Table 7-86. ISED Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 103 of 547                   |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |          |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.98                 | 13.75    | -                           | -                           | 0.10            | 14.08              | 23.01                    | -8.93                |
|                        | 5290       | 58      | AVG      | 15.81                 | 15.31    | 23.98                       | -8.17                       | 0.30            | 16.11              | 30.00                    | -13.89               |
|                        | 5530       | 106     | AVG      | 13.80                 | 13.95    | 23.98                       | -10.18                      | 2.30            | 16.10              | 30.00                    | -13.90               |
|                        | 5690       | 138     | AVG      | 19.33                 | 19.48    | 23.98                       | -4.65                       | 2.30            | 21.63              | 30.00                    | -8.37                |
|                        | 5775       | 155     | AVG      | 18.71                 | 17.42    | 30.00                       | -11.29                      | 1.40            | 20.11              | -                        | -                    |

Table 7-87. ISED Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|-----------------------|----------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          | 802.11ac              | 802.11ax |                             |                             |                 |                    |                          |                      |
|                        |            |         |          |                       |          |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 13.5                  | 13.41    | -                           | -                           | 0.10            | 13.60              | 23.01                    | -9.41                |
|                        | 5290       | 58      | AVG      | 14.00                 | 13.86    | 23.98                       | -9.98                       | 0.30            | 14.30              | 30.00                    | -15.70               |
|                        | 5530       | 106     | AVG      | 13.50                 | 13.31    | 23.98                       | -10.48                      | 2.30            | 15.80              | 30.00                    | -14.20               |
|                        | 5690       | 138     | AVG      | 19.50                 | 19.42    | 23.98                       | -4.48                       | 2.30            | 21.80              | 30.00                    | -8.20                |
|                        | 5775       | 155     | AVG      | 17.64                 | 17.42    | 30.00                       | -12.36                      | 1.40            | 19.04              | -                        | -                    |

Table 7-88. ISED Antenna WF7b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 104 of 547                   |

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| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 13.41                 | 13.41    | 23.98                             | -10.57                            | 0.30               | 13.71                 | 23.01                       | -9.30                   |

Table 7-89. ISED Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 13.42                 | 13.45    | 23.98                             | -10.56                            | 0.30               | 13.72                 | 23.01                       | -9.29                   |

Table 7-90. ISED Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Detector | Conducted Power [dBm] |          | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|----------|-----------------------|----------|-----------------------------------|-----------------------------------|--------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |          | 802.11ac              | 802.11ax |                                   |                                   |                    |                       |                             |                         |
|                               | 5250       | 50      | AVG      | 12.85                 | 12.90    | 23.98                             | -11.13                            | 0.30               | 13.15                 | 23.01                       | -9.86                   |

Table 7-91. ISED Antenna WF7b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device |                                   |
|                                            |                                                                                                                                   |                            | Page 105 of 547                   |

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## 7.4.7 FCC CDD Primary Maximum Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 17.00                 | 16.82        | 19.92  | 23.98                       | -4.06                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.76                 | 16.96        | 19.87  | 23.98                       | -4.11                       |
|                        | 5260       | 52      | CDD  | AVG      | 17.00                 | 16.81        | 19.91  | 23.98                       | -4.07                       |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.85        | 19.94  | 23.98                       | -4.04                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.79                 | 17.00        | 19.91  | 23.98                       | -4.07                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.82                 | 17.00        | 19.92  | 23.98                       | -4.06                       |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.90                 | 17.00        | 19.96  | 23.98                       | -4.02                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.75                 | 16.89        | 19.83  | 23.98                       | -4.15                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.32        | 22.42  | 30.00                       | -7.58                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.46                 | 19.42        | 22.45  | 30.00                       | -7.55                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.36                 | 19.41        | 22.39  | 30.00                       | -7.61                       |

Table 7-92. FCC CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.91                 | 16.82        | 19.87  | 23.98                       | -4.11                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.86        | 19.94  | 23.98                       | -4.04                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.94                 | 16.83        | 19.90  | 23.98                       | -4.08                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.89                 | 17.00        | 19.95  | 23.98                       | -4.03                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.94                 | 16.81        | 19.88  | 23.98                       | -4.10                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.84                 | 16.89        | 19.87  | 23.98                       | -4.11                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.80                 | 16.89        | 19.86  | 23.98                       | -4.12                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.89                 | 17.00        | 19.95  | 23.98                       | -4.03                       |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.99                 | 15.89        | 18.95  | 23.98                       | -5.03                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.92                 | 16.77        | 19.86  | 23.98                       | -4.12                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.28                 | 19.40        | 22.35  | 30.00                       | -7.65                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |

Table 7-93. FCC CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 106 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.41                 | 16.27        | 19.35  | 23.98                       | -4.63                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.96        | 19.99  | 23.98                       | -3.99                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.84                 | 16.77        | 19.81  | 23.98                       | -4.17                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.82                 | 16.81        | 19.82  | 23.98                       | -4.16                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.80                 | 16.87        | 19.85  | 23.98                       | -4.13                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.34        | 19.43  | 23.98                       | -4.55                       |
|                        | 5500       | 100     | CDD  | AVG      | 15.94                 | 16.00        | 18.98  | 23.98                       | -5.00                       |
|                        | 5520       | 104     | CDD  | AVG      | 16.87                 | 16.86        | 19.87  | 23.98                       | -4.11                       |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 17.00        | 19.99  | 23.98                       | -3.99                       |
|                        | 5700       | 140     | CDD  | AVG      | 13.78                 | 13.98        | 16.89  | 23.98                       | -7.09                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.86                 | 17.00        | 19.94  | 23.98                       | -4.04                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.37        | 22.45  | 30.00                       | -7.55                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.30                 | 19.31        | 22.32  | 30.00                       | -7.68                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.42        | 22.47  | 30.00                       | -7.53                       |

Table 7-94. FCC CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.92                 | 17.00    | 19.97  | 23.98                       | -4.01                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.78    | 19.90  | 23.98                       | -4.08                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.99                 | 16.85    | 19.93  | 23.98                       | -4.05                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.91                 | 16.78    | 19.86  | 23.98                       | -4.12                       |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.92    | 19.97  | 23.98                       | -4.01                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.95                 | 16.86    | 19.92  | 23.98                       | -4.06                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.94                 | 16.83    | 19.90  | 23.98                       | -4.08                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.88    | 19.91  | 23.98                       | -4.07                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.98                 | 16.82    | 19.91  | 23.98                       | -4.07                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 30.00                       | -7.51                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.32                 | 19.45    | 22.39  | 30.00                       | -7.61                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.45                 | 19.35    | 22.41  | 30.00                       | -7.59                       |

Table 7-95. FCC CDD PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 107 of 547                   |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.95                 | 16.89        | 19.93  | 23.98                       | -4.05                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.98                 | 16.95        | 19.98  | 23.98                       | -4.00                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.98                 | 17.00        | 20.00  | 23.98                       | -3.98                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.99                 | 16.84        | 19.93  | 23.98                       | -4.05                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 17.00        | 19.99  | 23.98                       | -3.99                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.92                 | 16.98        | 19.96  | 23.98                       | -4.02                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.96                 | 16.93        | 19.95  | 23.98                       | -4.03                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 17.00        | 19.97  | 23.98                       | -4.01                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.98                 | 16.98        | 19.99  | 23.98                       | -3.99                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.92                 | 15.76        | 18.85  | 23.98                       | -5.13                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.89        | 19.96  | 23.98                       | -4.02                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.48        | 22.50  | 30.00                       | -7.50                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.26                 | 19.50        | 22.39  | 30.00                       | -7.61                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.42                 | 19.34        | 22.39  | 30.00                       | -7.61                       |

Table 7-96. FCC CDD PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.50                 | 16.50        | 19.51  | 23.98                       | -4.47                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.91        | 19.97  | 23.98                       | -4.01                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.94                 | 17.00        | 19.98  | 23.98                       | -4.00                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.97                 | 16.89        | 19.94  | 23.98                       | -4.04                       |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.97        | 20.00  | 23.98                       | -3.98                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.26        | 19.39  | 23.98                       | -4.59                       |
|                        | 5500       | 100     | CDD  | AVG      | 15.97                 | 16.00        | 18.99  | 23.98                       | -4.99                       |
|                        | 5520       | 104     | CDD  | AVG      | 16.96                 | 16.96        | 19.97  | 23.98                       | -4.01                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.94                 | 17.00        | 19.98  | 23.98                       | -4.00                       |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5700       | 140     | CDD  | AVG      | 13.92                 | 13.87        | 16.91  | 23.98                       | -7.07                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.97                 | 16.91        | 19.95  | 23.98                       | -4.03                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.49                 | 19.33        | 22.42  | 30.00                       | -7.58                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.42        | 22.47  | 30.00                       | -7.53                       |

Table 7-97. FCC CDD PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 108 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 17.00                 | 16.98    | 20.00  | 23.98                       | -3.98                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.92                 | 16.93    | 19.94  | 23.98                       | -4.04                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.93                 | 16.85    | 19.90  | 23.98                       | -4.08                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.95                 | 17.00    | 19.98  | 23.98                       | -4.00                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.97                 | 16.76    | 19.88  | 23.98                       | -4.10                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.93                 | 16.89    | 19.92  | 23.98                       | -4.06                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.77                 | 16.92    | 19.86  | 23.98                       | -4.12                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.94                 | 17.00    | 19.98  | 23.98                       | -4.00                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 16.97    | 19.98  | 23.98                       | -4.00                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.26                 | 16.37    | 19.32  | 23.98                       | -4.66                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 17.00    | 19.99  | 23.98                       | -3.99                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.42                 | 19.19    | 22.31  | 30.00                       | -7.69                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.33    | 22.43  | 30.00                       | -7.57                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.46                 | 19.35    | 22.41  | 30.00                       | -7.59                       |

Table 7-98. FCC CDD PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.50                 | 16.50        | 19.51  | 23.98                       | -4.47                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.92                 | 16.88        | 19.91  | 23.98                       | -4.07                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.96                 | 16.85        | 19.92  | 23.98                       | -4.06                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.80                 | 16.76        | 19.79  | 23.98                       | -4.19                       |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.93        | 19.97  | 23.98                       | -4.01                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.94                 | 16.95        | 19.96  | 23.98                       | -4.02                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.96                 | 16.75        | 19.87  | 23.98                       | -4.11                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.99                 | 16.88        | 19.95  | 23.98                       | -4.03                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.89                 | 16.89        | 19.90  | 23.98                       | -4.08                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.32                 | 15.42        | 18.38  | 23.98                       | -5.60                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 16.96        | 19.97  | 23.98                       | -4.01                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.29        | 22.41  | 30.00                       | -7.59                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.29        | 22.41  | 30.00                       | -7.59                       |

Table 7-99. FCC CDD PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 109 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 15.98                 | 15.81        | 18.90  | 23.98                       | -5.08                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.97        | 20.00  | 23.98                       | -3.98                       |
|                        | 5240       | 48      | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.94                 | 17.00        | 19.98  | 23.98                       | -4.00                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.78                 | 16.77        | 19.78  | 23.98                       | -4.20                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.50        | 19.51  | 23.98                       | -4.47                       |
|                        | 5500       | 100     | CDD  | AVG      | 15.50                 | 15.45        | 18.48  | 23.98                       | -5.50                       |
|                        | 5520       | 104     | CDD  | AVG      | 16.92                 | 16.95        | 19.95  | 23.98                       | -4.03                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.87        | 19.91  | 23.98                       | -4.07                       |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5700       | 140     | CDD  | AVG      | 13.98                 | 13.98        | 16.99  | 23.98                       | -6.99                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.97        | 19.99  | 23.98                       | -3.99                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.40                 | 19.28        | 22.35  | 30.00                       | -7.65                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.40                 | 19.43        | 22.42  | 30.00                       | -7.58                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.42                 | 19.28        | 22.36  | 30.00                       | -7.64                       |

Table 7-100. FCC CDD PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 14.89                 | 14.94    | 17.92  | 23.98                       | -6.06                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.36                 | 19.42    | 22.40  | 23.98                       | -1.58                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.36    | 22.44  | 23.98                       | -1.54                       |
|                        | 5310       | 62      | CDD  | AVG      | 16.44                 | 16.50    | 19.48  | 23.98                       | -4.50                       |
|                        | 5510       | 102     | CDD  | AVG      | 15.34                 | 15.43    | 18.40  | 23.98                       | -5.58                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.43    | 22.45  | 23.98                       | -1.53                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.50                 | 19.35    | 22.43  | 23.98                       | -1.55                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.38                 | 19.38    | 22.39  | 23.98                       | -1.59                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.75                 | 18.88    | 21.83  | 23.98                       | -2.15                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 23.98                       | -1.48                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.41    | 22.47  | 30.00                       | -7.53                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.39    | 22.46  | 30.00                       | -7.54                       |

Table 7-101. FCC CDD PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 110 of 547                   |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 14.43                 | 14.26        | 17.36  | 23.98                       | -6.62                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 23.98                       | -1.47                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.30        | 22.41  | 23.98                       | -1.57                       |
|                        | 5310       | 62      | CDD  | AVG      | 15.50                 | 15.31        | 18.42  | 23.98                       | -5.56                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.49                 | 14.26        | 17.38  | 23.98                       | -6.60                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 23.98                       | -1.47                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 23.98                       | -1.47                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 23.98                       | -1.47                       |
|                        | 5670       | 134     | CDD  | AVG      | 17.86                 | 17.99        | 20.94  | 23.98                       | -3.04                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.42        | 22.47  | 23.98                       | -1.51                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.46        | 22.49  | 30.00                       | -7.51                       |

Table 7-102. FCC CDD PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.73                 | 13.75        | 16.75  | 23.98                       | -7.23                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.37                 | 19.50        | 22.45  | 23.98                       | -1.53                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.44                 | 19.40        | 22.43  | 23.98                       | -1.55                       |
|                        | 5310       | 62      | CDD  | AVG      | 13.76                 | 13.82        | 16.80  | 23.98                       | -7.18                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.00                 | 13.80        | 16.91  | 23.98                       | -7.07                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.34                 | 19.40        | 22.38  | 23.98                       | -1.60                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.26                 | 19.38        | 22.33  | 23.98                       | -1.65                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.48                 | 19.48        | 22.49  | 23.98                       | -1.49                       |
|                        | 5670       | 134     | CDD  | AVG      | 15.76                 | 16.00        | 18.89  | 23.98                       | -5.09                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.37                 | 19.37        | 22.38  | 23.98                       | -1.60                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.38                 | 19.44        | 22.42  | 30.00                       | -7.58                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.40                 | 19.38        | 22.40  | 30.00                       | -7.60                       |

Table 7-103. FCC CDD PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 111 of 547                   |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.98                 | 13.93    | 16.96  | 23.98                       | -7.02                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.39                 | 19.28    | 22.35  | 23.98                       | -1.63                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.33                 | 19.42    | 22.38  | 23.98                       | -1.60                       |
|                        | 5310       | 62      | CDD  | AVG      | 16.50                 | 16.33    | 19.43  | 23.98                       | -4.55                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.99                 | 15.00    | 18.01  | 23.98                       | -5.97                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.45                 | 19.48    | 22.48  | 23.98                       | -1.50                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.38                 | 19.38    | 22.39  | 23.98                       | -1.59                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.50                 | 18.50    | 21.51  | 23.98                       | -2.47                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.39                 | 19.39    | 22.40  | 23.98                       | -1.58                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.37                 | 19.46    | 22.42  | 30.00                       | -7.58                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 30.00                       | -7.50                       |

Table 7-104. FCC CDD PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.75                 | 13.59        | 16.68  | 23.98                       | -7.30                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.42                 | 19.34        | 22.39  | 23.98                       | -1.59                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.43        | 22.48  | 23.98                       | -1.50                       |
|                        | 5310       | 62      | CDD  | AVG      | 15.26                 | 15.34        | 18.31  | 23.98                       | -5.67                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.50                 | 14.44        | 17.48  | 23.98                       | -6.50                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.36                 | 19.32        | 22.35  | 23.98                       | -1.63                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.35                 | 19.47        | 22.42  | 23.98                       | -1.56                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 23.98                       | -1.47                       |
|                        | 5670       | 134     | CDD  | AVG      | 17.35                 | 17.50        | 20.44  | 23.98                       | -3.54                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.44                 | 19.41        | 22.44  | 23.98                       | -1.54                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.28                 | 19.50        | 22.40  | 30.00                       | -7.60                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |

Table 7-105. FCC CDD PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 112 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.50                 | 13.50        | 16.51  | 23.98                       | -7.47                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.38                 | 19.46        | 22.43  | 23.98                       | -1.55                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.39                 | 19.39        | 22.40  | 23.98                       | -1.58                       |
|                        | 5310       | 62      | CDD  | AVG      | 13.91                 | 14.00        | 16.96  | 23.98                       | -7.02                       |
|                        | 5510       | 102     | CDD  | AVG      | 13.95                 | 13.82        | 16.89  | 23.98                       | -7.09                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.44        | 22.45  | 23.98                       | -1.53                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.44                 | 19.50        | 22.48  | 23.98                       | -1.50                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.41                 | 19.41        | 22.42  | 23.98                       | -1.56                       |
|                        | 5670       | 134     | CDD  | AVG      | 14.77                 | 14.85        | 17.82  | 23.98                       | -6.16                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.27        | 22.39  | 23.98                       | -1.59                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.50        | 22.42  | 30.00                       | -7.58                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.38                 | 19.47        | 22.43  | 30.00                       | -7.57                       |

Table 7-106. FCC CDD PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.76                 | 13.97    | 16.87  | 23.98                       | -7.11                       |
|                        | 5290       | 58      | CDD  | AVG      | 15.81                 | 15.94    | 18.89  | 23.98                       | -5.09                       |
|                        | 5530       | 106     | CDD  | AVG      | 14.49                 | 14.50    | 17.50  | 23.98                       | -6.48                       |
|                        | 5610       | 122     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5775       | 155     | CDD  | AVG      | 18.48                 | 18.41    | 21.46  | 30.00                       | -8.54                       |

Table 7-107. FCC CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.50                 | 13.49    | 16.51  | 23.98                       | -7.47                       |
|                        | 5290       | 58      | CDD  | AVG      | 15.00                 | 15.00    | 18.01  | 23.98                       | -5.97                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.76                 | 14.00    | 16.89  | 23.98                       | -7.09                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.91                 | 18.96    | 21.94  | 23.98                       | -2.04                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.29                 | 19.50    | 22.41  | 23.98                       | -1.57                       |
|                        | 5775       | 155     | CDD  | AVG      | 18.21                 | 18.18    | 21.21  | 30.00                       | -8.79                       |

Table 7-108. FCC CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 113 of 547                   |

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| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 12.88                 | 13.00        | 15.95  | 23.98                       | -8.03                       |
|                        | 5290       | 58      | CDD  | AVG      | 13.92                 | 13.95        | 16.95  | 23.98                       | -7.03                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.50                 | 13.37        | 16.45  | 23.98                       | -7.53                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.25                 | 18.03        | 21.15  | 23.98                       | -2.83                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.26                 | 19.46        | 22.37  | 23.98                       | -1.61                       |
|                        | 5775       | 155     | CDD  | AVG      | 17.65                 | 17.71        | 20.69  | 30.00                       | -9.31                       |

Table 7-109. FCC CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.97                 | 14.00    | 16.99  | 23.98                       | -6.99                       |
|                        | 5290       | 58      | CDD  | AVG      | 15.50                 | 15.50    | 18.51  | 23.98                       | -5.47                       |
|                        | 5530       | 106     | CDD  | AVG      | 14.34                 | 14.25    | 17.31  | 23.98                       | -6.67                       |
|                        | 5610       | 122     | CDD  | AVG      | 19.23                 | 19.21    | 22.23  | 23.98                       | -1.75                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 23.98                       | -1.49                       |
|                        | 5775       | 155     | CDD  | AVG      | 17.90                 | 17.92    | 20.92  | 30.00                       | -9.08                       |

Table 7-110. FCC CDD PRIMARY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.49                 | 13.50        | 16.51  | 23.98                       | -7.47                       |
|                        | 5290       | 58      | CDD  | AVG      | 14.93                 | 14.98        | 17.97  | 23.98                       | -6.01                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.69                 | 13.71        | 16.71  | 23.98                       | -7.27                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.86                 | 19.00        | 21.94  | 23.98                       | -2.04                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.31        | 22.41  | 23.98                       | -1.57                       |
|                        | 5775       | 155     | CDD  | AVG      | 16.95                 | 16.91        | 19.94  | 30.00                       | -10.06                      |

Table 7-111. FCC CDD PRIMARY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 12.76                 | 13.00        | 15.89  | 23.98                       | -8.09                       |
|                        | 5290       | 58      | CDD  | AVG      | 14.00                 | 13.82        | 16.92  | 23.98                       | -7.06                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.47                 | 13.50        | 16.50  | 23.98                       | -7.48                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.00                 | 17.89        | 20.96  | 23.98                       | -3.02                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.45                 | 19.50        | 22.49  | 23.98                       | -1.49                       |
|                        | 5775       | 155     | CDD  | AVG      | 16.90                 | 16.92        | 19.92  | 30.00                       | -10.08                      |

Table 7-112. FCC CDD PRIMARY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 114 of 547                   |

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 13.22                 | 13.21        | 16.23  | 23.98                             | -7.75                             |
|                               | 5570       | 114     | CDD  | AVG      | 13.71                 | 13.66        | 16.70  | 30.00                             | -13.30                            |

Table 7-113. FCC CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 12.98                 | 12.95        | 15.98  | 23.98                             | -8.00                             |
|                               | 5570       | 114     | CDD  | AVG      | 13.19                 | 13.15        | 16.18  | 30.00                             | -13.82                            |

Table 7-114. FCC CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 11.95                 | 11.90        | 14.94  | 23.98                             | -9.04                             |
|                               | 5570       | 114     | CDD  | AVG      | 11.36                 | 11.41        | 14.40  | 30.00                             | -15.60                            |

Table 7-115. FCC CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 13.16                 | 13.20        | 16.19  | 23.98                             | -7.79                             |
|                               | 5570       | 114     | CDD  | AVG      | 13.38                 | 13.42        | 16.41  | 30.00                             | -13.59                            |

Table 7-116. FCC CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 12.41                 | 12.39        | 15.41  | 23.98                             | -8.57                             |
|                               | 5570       | 114     | CDD  | AVG      | 12.36                 | 12.35        | 15.37  | 30.00                             | -14.63                            |

Table 7-117. FCC CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Antenna WF7a          | Antenna WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 11.90                 | 11.92        | 14.92  | 23.98                             | -9.06                             |
|                               | 5570       | 114     | CDD  | AVG      | 11.35                 | 11.42        | 14.40  | 30.00                             | -15.60                            |

Table 7-118. FCC CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 115 of 547                   |

## ISED CDD/SDM Primary Maximum Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.96                 | 11.89    | 14.94  | -                           | -                           | 0.90                        | 15.84              | 23.01                    | -7.17                |
|                        | 5200       | 40      | CDD  | AVG      | 11.92                 | 11.92    | 14.93  | -                           | -                           | 0.90                        | 15.83              | 23.01                    | -7.18                |
|                        | 5240       | 48      | CDD  | AVG      | 11.88                 | 11.91    | 14.91  | -                           | -                           | 0.90                        | 15.81              | 23.01                    | -7.20                |
|                        | 5260       | 52      | CDD  | AVG      | 17.00                 | 16.81    | 19.91  | 23.98                       | -4.07                       | 2.20                        | 22.11              | 30.00                    | -7.89                |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.85    | 19.94  | 23.98                       | -4.04                       | 2.20                        | 22.14              | 30.00                    | -7.86                |
|                        | 5320       | 64      | CDD  | AVG      | 16.79                 | 17.00    | 19.91  | 23.98                       | -4.07                       | 2.20                        | 22.11              | 30.00                    | -7.89                |
|                        | 5500       | 100     | CDD  | AVG      | 16.82                 | 17.00    | 19.92  | 23.98                       | -4.06                       | 2.20                        | 22.12              | 30.00                    | -7.88                |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5700       | 140     | CDD  | AVG      | 16.90                 | 17.00    | 19.96  | 23.98                       | -4.02                       | 2.20                        | 22.16              | 30.00                    | -7.84                |
|                        | 5720       | 144     | CDD  | AVG      | 16.75                 | 16.89    | 19.83  | 23.98                       | -4.15                       | 2.20                        | 22.03              | 30.00                    | -7.97                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.46                 | 19.42    | 22.45  | 30.00                       | -7.55                       | 1.30                        | 23.75              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.36                 | 19.41    | 22.39  | 30.00                       | -7.61                       | 1.30                        | 23.69              | -                        | -                    |

Table 7-119. ISED CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.95                 | 11.92    | 14.95  | -                           | -                           | 0.90                        | 15.85              | 23.01                    | -7.16                |
|                        | 5200       | 40      | CDD  | AVG      | 11.98                 | 11.89    | 14.95  | -                           | -                           | 0.90                        | 15.85              | 23.01                    | -7.16                |
|                        | 5240       | 48      | CDD  | AVG      | 11.92                 | 11.90    | 14.92  | -                           | -                           | 0.90                        | 15.82              | 23.01                    | -7.19                |
|                        | 5260       | 52      | CDD  | AVG      | 16.89                 | 17.00    | 19.95  | 23.98                       | -4.03                       | 2.20                        | 22.15              | 30.00                    | -7.85                |
|                        | 5300       | 60      | CDD  | AVG      | 16.94                 | 16.81    | 19.88  | 23.98                       | -4.10                       | 2.20                        | 22.08              | 30.00                    | -7.92                |
|                        | 5320       | 64      | CDD  | AVG      | 16.84                 | 16.89    | 19.87  | 23.98                       | -4.11                       | 2.20                        | 22.07              | 30.00                    | -7.93                |
|                        | 5500       | 100     | CDD  | AVG      | 16.80                 | 16.89    | 19.86  | 23.98                       | -4.12                       | 2.20                        | 22.06              | 30.00                    | -7.94                |
|                        | 5520       | 104     | CDD  | AVG      | 16.99                 | 16.92    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5580       | 116     | CDD  | AVG      | 16.89                 | 17.00    | 19.95  | 23.98                       | -4.03                       | 2.20                        | 22.15              | 30.00                    | -7.85                |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5700       | 140     | CDD  | AVG      | 15.99                 | 15.89    | 18.95  | 23.98                       | -5.03                       | 2.20                        | 21.15              | 30.00                    | -8.85                |
|                        | 5720       | 144     | CDD  | AVG      | 16.92                 | 16.77    | 19.86  | 23.98                       | -4.12                       | 2.20                        | 22.06              | 30.00                    | -7.94                |
|                        | 5745       | 149     | CDD  | AVG      | 19.28                 | 19.40    | 22.35  | 30.00                       | -7.65                       | 1.30                        | 23.65              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |

Table 7-120. ISED CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.95                 | 12.00    | 14.99  | -                           | -                           | 0.90                        | 15.89              | 23.01                    | -7.12                |
|                        | 5200       | 40      | CDD  | AVG      | 11.90                 | 11.92    | 14.92  | -                           | -                           | 0.90                        | 15.82              | 23.01                    | -7.19                |
|                        | 5240       | 48      | CDD  | AVG      | 11.85                 | 11.89    | 14.88  | -                           | -                           | 0.90                        | 15.78              | 23.01                    | -7.23                |
|                        | 5260       | 52      | CDD  | AVG      | 16.82                 | 16.81    | 19.82  | 23.98                       | -4.16                       | 2.20                        | 22.02              | 30.00                    | -7.98                |
|                        | 5300       | 60      | CDD  | AVG      | 16.80                 | 16.87    | 19.85  | 23.98                       | -4.13                       | 2.20                        | 22.05              | 30.00                    | -7.95                |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.34    | 19.43  | 23.98                       | -4.55                       | 2.20                        | 21.63              | 30.00                    | -8.37                |
|                        | 5500       | 100     | CDD  | AVG      | 15.94                 | 16.00    | 18.98  | 23.98                       | -5.00                       | 2.20                        | 21.18              | 30.00                    | -8.82                |
|                        | 5520       | 104     | CDD  | AVG      | 16.87                 | 16.86    | 19.87  | 23.98                       | -4.11                       | 2.20                        | 22.07              | 30.00                    | -7.93                |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 17.00    | 19.99  | 23.98                       | -3.99                       | 2.20                        | 22.19              | 30.00                    | -7.81                |
|                        | 5700       | 140     | CDD  | AVG      | 13.78                 | 13.98    | 16.89  | 23.98                       | -7.09                       | 2.20                        | 19.09              | 30.00                    | -10.91               |
|                        | 5720       | 144     | CDD  | AVG      | 16.86                 | 17.00    | 19.94  | 23.98                       | -4.04                       | 2.20                        | 22.14              | 30.00                    | -7.86                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.37    | 22.45  | 30.00                       | -7.55                       | 1.30                        | 23.75              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.30                 | 19.31    | 22.32  | 30.00                       | -7.68                       | 1.30                        | 23.62              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.42    | 22.47  | 30.00                       | -7.53                       | 1.30                        | 23.77              | -                        | -                    |

Table 7-121. ISED CDD PRIMARY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 116 of 547                   |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.76                 | 14.90    | 17.84  | -                           | -                           | 0.47                        | 18.31              | 23.01                    | -4.70                |
|                        | 5200       | 40      | SDM  | AVG      | 14.76                 | 14.96    | 17.87  | -                           | -                           | 0.47                        | 18.34              | 23.01                    | -4.67                |
|                        | 5240       | 48      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.47                        | 18.48              | 23.01                    | -4.53                |
|                        | 5260       | 52      | CDD  | AVG      | 16.91                 | 16.78    | 19.86  | 23.98                       | -4.12                       | 2.20                        | 22.06              | 30.00                    | -7.94                |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.92    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5320       | 64      | CDD  | AVG      | 16.95                 | 16.86    | 19.92  | 23.98                       | -4.06                       | 2.20                        | 22.12              | 30.00                    | -7.88                |
|                        | 5500       | 100     | CDD  | AVG      | 16.94                 | 16.83    | 19.90  | 23.98                       | -4.08                       | 2.20                        | 22.10              | 30.00                    | -7.90                |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.88    | 19.91  | 23.98                       | -4.07                       | 2.20                        | 22.11              | 30.00                    | -7.89                |
|                        | 5700       | 140     | CDD  | AVG      | 16.98                 | 16.82    | 19.91  | 23.98                       | -4.07                       | 2.20                        | 22.11              | 30.00                    | -7.89                |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 30.00                       | -7.51                       | 1.30                        | 23.79              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.32                 | 19.45    | 22.39  | 30.00                       | -7.61                       | 1.30                        | 23.69              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.45                 | 19.35    | 22.41  | 30.00                       | -7.59                       | 1.30                        | 23.71              | -                        | -                    |

Table 7-122. ISED CDD/SDM PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.47                        | 18.48              | 23.01                    | -4.53                |
|                        | 5200       | 40      | SDM  | AVG      | 14.87                 | 15.00    | 17.94  | -                           | -                           | 0.47                        | 18.41              | 23.01                    | -4.60                |
|                        | 5240       | 48      | SDM  | AVG      | 14.72                 | 15.00    | 17.87  | -                           | -                           | 0.47                        | 18.34              | 23.01                    | -4.67                |
|                        | 5260       | 52      | CDD  | AVG      | 16.99                 | 16.84    | 19.93  | 23.98                       | -4.05                       | 2.20                        | 22.13              | 30.00                    | -7.87                |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 17.00    | 19.99  | 23.98                       | -3.99                       | 2.20                        | 22.19              | 30.00                    | -7.81                |
|                        | 5320       | 64      | CDD  | AVG      | 16.92                 | 16.98    | 19.96  | 23.98                       | -4.02                       | 2.20                        | 22.16              | 30.00                    | -7.84                |
|                        | 5500       | 100     | CDD  | AVG      | 16.96                 | 16.93    | 19.95  | 23.98                       | -4.03                       | 2.20                        | 22.15              | 30.00                    | -7.85                |
|                        | 5520       | 104     | CDD  | AVG      | 16.85                 | 16.88    | 19.88  | 23.98                       | -4.10                       | 2.20                        | 22.08              | 30.00                    | -7.92                |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 17.00    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5680       | 136     | CDD  | AVG      | 16.98                 | 16.98    | 19.99  | 23.98                       | -3.99                       | 2.20                        | 22.19              | 30.00                    | -7.81                |
|                        | 5700       | 140     | CDD  | AVG      | 15.92                 | 15.76    | 18.85  | 23.98                       | -5.13                       | 2.20                        | 21.05              | 30.00                    | -8.95                |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.89    | 19.96  | 23.98                       | -4.02                       | 2.20                        | 22.16              | 30.00                    | -7.84                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.48    | 22.50  | 30.00                       | -7.50                       | 1.30                        | 23.80              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.26                 | 19.50    | 22.39  | 30.00                       | -7.61                       | 1.30                        | 23.69              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.42                 | 19.34    | 22.39  | 30.00                       | -7.61                       | 1.30                        | 23.69              | -                        | -                    |

Table 7-123. ISED CDD/SDM PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.90                 | 14.87    | 17.89  | -                           | -                           | 0.47                        | 18.36              | 23.01                    | -4.65                |
|                        | 5200       | 40      | SDM  | AVG      | 14.76                 | 14.96    | 17.87  | -                           | -                           | 0.47                        | 18.34              | 23.01                    | -4.67                |
|                        | 5240       | 48      | SDM  | AVG      | 15.00                 | 14.89    | 17.95  | -                           | -                           | 0.47                        | 18.42              | 23.01                    | -4.59                |
|                        | 5260       | 52      | CDD  | AVG      | 16.97                 | 16.89    | 19.94  | 23.98                       | -4.04                       | 2.20                        | 22.14              | 30.00                    | -7.86                |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.97    | 20.00  | 23.98                       | -3.98                       | 2.20                        | 22.20              | 30.00                    | -7.80                |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.26    | 19.39  | 23.98                       | -4.59                       | 2.20                        | 21.59              | 30.00                    | -8.41                |
|                        | 5500       | 100     | CDD  | AVG      | 15.97                 | 16.00    | 18.99  | 23.98                       | -4.99                       | 2.20                        | 21.19              | 30.00                    | -8.81                |
|                        | 5520       | 104     | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5580       | 116     | CDD  | AVG      | 16.94                 | 17.00    | 19.98  | 23.98                       | -4.00                       | 2.20                        | 22.18              | 30.00                    | -7.82                |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5700       | 140     | CDD  | AVG      | 13.92                 | 13.87    | 16.91  | 23.98                       | -7.07                       | 2.20                        | 19.11              | 30.00                    | -10.89               |
|                        | 5720       | 144     | CDD  | AVG      | 16.97                 | 16.91    | 19.95  | 23.98                       | -4.03                       | 2.20                        | 22.15              | 30.00                    | -7.85                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.49                 | 19.33    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.42    | 22.47  | 30.00                       | -7.53                       | 1.30                        | 23.77              | -                        | -                    |

Table 7-124. ISED CDD/SDM PRIMARY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 117 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.83                 | 14.84    | 17.84  | -                           | -                           | 0.47                        | 18.31              | 23.01                    | -4.70                |
|                        | 5200       | 40      | SDM  | AVG      | 14.96                 | 15.00    | 17.99  | -                           | -                           | 0.47                        | 18.46              | 23.01                    | -4.55                |
|                        | 5240       | 48      | SDM  | AVG      | 14.80                 | 14.92    | 17.87  | -                           | -                           | 0.47                        | 18.34              | 23.01                    | -4.67                |
|                        | 5260       | 52      | CDD  | AVG      | 16.95                 | 17.00    | 19.98  | 23.98                       | -4.00                       | 2.20                        | 22.18              | 30.00                    | -7.82                |
|                        | 5300       | 60      | CDD  | AVG      | 16.97                 | 16.76    | 19.88  | 23.98                       | -4.10                       | 2.20                        | 22.08              | 30.00                    | -7.92                |
|                        | 5320       | 64      | CDD  | AVG      | 16.93                 | 16.89    | 19.92  | 23.98                       | -4.06                       | 2.20                        | 22.12              | 30.00                    | -7.88                |
|                        | 5500       | 100     | CDD  | AVG      | 16.77                 | 16.92    | 19.86  | 23.98                       | -4.12                       | 2.20                        | 22.06              | 30.00                    | -7.94                |
|                        | 5580       | 116     | CDD  | AVG      | 16.94                 | 17.00    | 19.98  | 23.98                       | -4.00                       | 2.20                        | 22.18              | 30.00                    | -7.82                |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 17.00    | 19.99  | 23.98                       | -3.99                       | 2.20                        | 22.19              | 30.00                    | -7.81                |
|                        | 5745       | 149     | CDD  | AVG      | 19.42                 | 19.19    | 22.31  | 30.00                       | -7.69                       | 1.30                        | 23.61              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.33    | 22.43  | 30.00                       | -7.57                       | 1.30                        | 23.73              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.46                 | 19.35    | 22.41  | 30.00                       | -7.59                       | 1.30                        | 23.71              | -                        | -                    |

Table 7-125. ISED CDD/SDM PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.94                 | 14.98    | 17.97  | -                           | -                           | 0.47                        | 18.44              | 23.01                    | -4.57                |
|                        | 5200       | 40      | SDM  | AVG      | 15.00                 | 14.80    | 17.91  | -                           | -                           | 0.47                        | 18.38              | 23.01                    | -4.63                |
|                        | 5240       | 48      | SDM  | AVG      | 14.98                 | 15.00    | 18.00  | -                           | -                           | 0.47                        | 18.47              | 23.01                    | -4.54                |
|                        | 5260       | 52      | CDD  | AVG      | 16.80                 | 16.76    | 19.79  | 23.98                       | -4.19                       | 2.20                        | 21.99              | 30.00                    | -8.01                |
|                        | 5300       | 60      | CDD  | AVG      | 17.00                 | 16.93    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5320       | 64      | CDD  | AVG      | 16.94                 | 16.95    | 19.96  | 23.98                       | -4.02                       | 2.20                        | 22.16              | 30.00                    | -7.84                |
|                        | 5500       | 100     | CDD  | AVG      | 16.96                 | 16.88    | 19.93  | 23.98                       | -4.05                       | 2.20                        | 22.13              | 30.00                    | -7.87                |
|                        | 5520       | 104     | CDD  | AVG      | 16.92                 | 16.95    | 19.95  | 23.98                       | -4.03                       | 5.16                        | 25.11              | 30.00                    | -4.89                |
|                        | 5580       | 116     | CDD  | AVG      | 16.99                 | 16.88    | 19.95  | 23.98                       | -4.03                       | 2.20                        | 22.15              | 30.00                    | -7.85                |
|                        | 5680       | 136     | CDD  | AVG      | 16.89                 | 16.89    | 19.90  | 23.98                       | -4.08                       | 2.20                        | 22.10              | 30.00                    | -7.90                |
|                        | 5700       | 140     | CDD  | AVG      | 15.32                 | 15.42    | 18.38  | 23.98                       | -5.60                       | 2.20                        | 20.58              | 30.00                    | -9.42                |
|                        | 5720       | 144     | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.29    | 22.41  | 30.00                       | -7.59                       | 1.30                        | 23.71              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.29    | 22.41  | 30.00                       | -7.59                       | 1.30                        | 23.71              | -                        | -                    |

Table 7-126. ISED CDD/SDM PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.99                 | 14.96    | 17.98  | -                           | -                           | 0.47                        | 18.45              | 23.01                    | -4.56                |
|                        | 5200       | 40      | SDM  | AVG      | 14.99                 | 14.95    | 17.98  | -                           | -                           | 0.47                        | 18.45              | 23.01                    | -4.56                |
|                        | 5240       | 48      | SDM  | AVG      | 14.85                 | 15.00    | 17.94  | -                           | -                           | 0.47                        | 18.41              | 23.01                    | -4.60                |
|                        | 5260       | 52      | CDD  | AVG      | 16.94                 | 17.00    | 19.98  | 23.98                       | -4.00                       | 2.20                        | 22.18              | 30.00                    | -7.82                |
|                        | 5300       | 60      | CDD  | AVG      | 16.78                 | 16.77    | 19.78  | 23.98                       | -4.20                       | 2.20                        | 21.98              | 30.00                    | -8.02                |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.50    | 19.51  | 23.98                       | -4.47                       | 2.20                        | 21.71              | 30.00                    | -8.29                |
|                        | 5500       | 100     | CDD  | AVG      | 15.50                 | 15.45    | 18.48  | 23.98                       | -5.50                       | 2.20                        | 20.68              | 30.00                    | -9.32                |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.87    | 19.91  | 23.98                       | -4.07                       | 2.20                        | 22.11              | 30.00                    | -7.89                |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.20                        | 22.21              | 30.00                    | -7.79                |
|                        | 5700       | 140     | CDD  | AVG      | 13.98                 | 13.98    | 16.99  | 23.98                       | -6.99                       | 2.20                        | 19.19              | 30.00                    | -10.81               |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.97    | 19.99  | 23.98                       | -3.99                       | 2.20                        | 22.19              | 30.00                    | -7.81                |
|                        | 5745       | 149     | CDD  | AVG      | 19.40                 | 19.28    | 22.35  | 30.00                       | -7.65                       | 1.30                        | 23.65              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.40                 | 19.43    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.42                 | 19.28    | 22.36  | 30.00                       | -7.64                       | 1.30                        | 23.66              | -                        | -                    |

Table 7-127. ISED CDD/SDM PRIMARY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 118 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.47                        | 18.48              | 23.01                    | -4.53                |
|                        | 5230       | 46      | SDM  | AVG      | 17.50                 | 17.41    | 20.46  | -                           | -                           | 0.47                        | 20.93              | 23.01                    | -2.08                |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.36    | 22.44  | 23.98                       | -1.54                       | 2.20                        | 24.64              | 30.00                    | -5.36                |
|                        | 5310       | 62      | CDD  | AVG      | 16.44                 | 16.50    | 19.48  | 23.98                       | -4.50                       | 2.20                        | 21.68              | 30.00                    | -8.32                |
|                        | 5510       | 102     | CDD  | AVG      | 15.34                 | 15.43    | 18.40  | 23.98                       | -5.58                       | 2.20                        | 20.60              | 30.00                    | -9.40                |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.43    | 22.45  | 23.98                       | -1.53                       | 2.20                        | 24.65              | 30.00                    | -5.35                |
|                        | 5670       | 134     | CDD  | AVG      | 18.75                 | 18.88    | 21.83  | 23.98                       | -2.15                       | 2.20                        | 24.03              | 30.00                    | -5.97                |
|                        | 5710       | 142     | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 23.98                       | -1.48                       | 2.20                        | 24.70              | 30.00                    | -5.30                |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.41    | 22.47  | 30.00                       | -7.53                       | 1.30                        | 23.77              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.39    | 22.46  | 30.00                       | -7.54                       | 1.30                        | 23.76              | -                        | -                    |

Table 7-128. ISED CDD/SDM PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 14.28                 | 14.35    | 17.32  | -                           | -                           | 0.90                        | 18.22              | 23.01                    | -4.79                |
|                        | 5230       | 46      | SDM  | AVG      | 17.33                 | 17.44    | 20.39  | -                           | -                           | 0.47                        | 20.86              | 23.01                    | -2.15                |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.30    | 22.41  | 23.98                       | -1.57                       | 2.20                        | 24.61              | 30.00                    | -5.39                |
|                        | 5310       | 62      | CDD  | AVG      | 15.50                 | 15.31    | 18.42  | 23.98                       | -5.56                       | 2.20                        | 20.62              | 30.00                    | -9.38                |
|                        | 5510       | 102     | CDD  | AVG      | 14.49                 | 14.26    | 17.38  | 23.98                       | -6.60                       | 2.20                        | 19.58              | 30.00                    | -10.42               |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.20                        | 24.71              | 30.00                    | -5.29                |
|                        | 5670       | 134     | CDD  | AVG      | 17.86                 | 17.99    | 20.94  | 23.98                       | -3.04                       | 2.20                        | 23.14              | 30.00                    | -6.86                |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.42    | 22.47  | 23.98                       | -1.51                       | 2.20                        | 24.67              | 30.00                    | -5.33                |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 30.00                       | -7.51                       | 1.30                        | 23.79              | -                        | -                    |

Table 7-129. ISED CDD/SDM PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.52                 | 13.70    | 16.62  | -                           | -                           | 0.90                        | 17.52              | 23.01                    | -5.49                |
|                        | 5230       | 46      | SDM  | AVG      | 17.26                 | 17.39    | 20.33  | -                           | -                           | 0.47                        | 20.80              | 23.01                    | -2.21                |
|                        | 5270       | 54      | CDD  | AVG      | 19.44                 | 19.40    | 22.43  | 23.98                       | -1.55                       | 2.20                        | 24.63              | 30.00                    | -5.37                |
|                        | 5310       | 62      | CDD  | AVG      | 13.76                 | 13.82    | 16.80  | 23.98                       | -7.18                       | 2.20                        | 19.00              | 30.00                    | -11.00               |
|                        | 5510       | 102     | CDD  | AVG      | 14.00                 | 13.80    | 16.91  | 23.98                       | -7.07                       | 2.20                        | 19.11              | 30.00                    | -10.89               |
|                        | 5550       | 110     | CDD  | AVG      | 19.34                 | 19.40    | 22.38  | 23.98                       | -1.60                       | 2.20                        | 24.58              | 30.00                    | -5.42                |
|                        | 5670       | 134     | CDD  | AVG      | 15.76                 | 16.00    | 18.89  | 23.98                       | -5.09                       | 2.20                        | 21.09              | 30.00                    | -8.91                |
|                        | 5710       | 142     | CDD  | AVG      | 19.37                 | 19.37    | 22.38  | 23.98                       | -1.60                       | 2.20                        | 24.58              | 30.00                    | -5.42                |
|                        | 5755       | 151     | CDD  | AVG      | 19.38                 | 19.44    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.40                 | 19.38    | 22.40  | 30.00                       | -7.60                       | 1.30                        | 23.70              | -                        | -                    |

Table 7-130. ISED CDD/SDM PRIMARY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 119 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.80                 | 14.00    | 16.91  | -                           | -                           | 0.90                        | 17.81              | 23.01                    | -5.20                |
|                        | 5230       | 46      | SDM  | AVG      | 17.50                 | 17.50    | 20.51  | -                           | -                           | 0.47                        | 20.98              | 23.01                    | -2.03                |
|                        | 5270       | 54      | CDD  | AVG      | 19.33                 | 19.42    | 22.38  | 23.98                       | -1.60                       | 2.20                        | 24.58              | 30.00                    | -5.42                |
|                        | 5310       | 62      | CDD  | AVG      | 16.50                 | 16.33    | 19.43  | 23.98                       | -4.55                       | 2.20                        | 21.63              | 30.00                    | -8.37                |
|                        | 5510       | 102     | CDD  | AVG      | 14.99                 | 15.00    | 18.01  | 23.98                       | -5.97                       | 2.20                        | 20.21              | 30.00                    | -9.79                |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.20                        | 24.71              | 30.00                    | -5.29                |
|                        | 5670       | 134     | CDD  | AVG      | 18.50                 | 18.50    | 21.51  | 23.98                       | -2.47                       | 2.20                        | 23.71              | 30.00                    | -6.29                |
|                        | 5710       | 142     | CDD  | AVG      | 19.39                 | 19.39    | 22.40  | 23.98                       | -1.58                       | 2.20                        | 24.60              | 30.00                    | -5.40                |
|                        | 5755       | 151     | CDD  | AVG      | 19.37                 | 19.46    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 30.00                       | -7.50                       | 1.30                        | 23.80              | -                        | -                    |

Table 7-131. ISED CDD/SDM PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.57                 | 13.75    | 16.67  | -                           | -                           | 3.47                        | 20.14              | 23.01                    | -2.87                |
|                        | 5230       | 46      | SDM  | AVG      | 17.30                 | 17.50    | 20.41  | -                           | -                           | 0.47                        | 20.88              | 23.01                    | -2.13                |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.43    | 22.48  | 23.98                       | -1.50                       | 2.20                        | 24.68              | 30.00                    | -5.32                |
|                        | 5310       | 62      | CDD  | AVG      | 15.26                 | 15.34    | 18.31  | 23.98                       | -5.67                       | 2.20                        | 20.51              | 30.00                    | -9.49                |
|                        | 5510       | 102     | CDD  | AVG      | 14.50                 | 14.44    | 17.48  | 23.98                       | -6.50                       | 2.20                        | 19.68              | 30.00                    | -10.32               |
|                        | 5550       | 110     | CDD  | AVG      | 19.36                 | 19.32    | 22.35  | 23.98                       | -1.63                       | 2.20                        | 24.55              | 30.00                    | -5.45                |
|                        | 5670       | 134     | CDD  | AVG      | 17.35                 | 17.50    | 20.44  | 23.98                       | -3.54                       | 2.20                        | 22.64              | 30.00                    | -7.36                |
|                        | 5710       | 142     | CDD  | AVG      | 19.44                 | 19.41    | 22.44  | 23.98                       | -1.54                       | 2.20                        | 24.64              | 30.00                    | -5.36                |
|                        | 5755       | 151     | CDD  | AVG      | 19.28                 | 19.50    | 22.40  | 30.00                       | -7.60                       | 1.30                        | 23.70              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.30                        | 23.81              | -                        | -                    |

Table 7-132. ISED CDD/SDM PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.38                 | 13.50    | 16.45  | -                           | -                           | 0.90                        | 17.35              | 23.01                    | -5.66                |
|                        | 5230       | 46      | SDM  | AVG      | 17.48                 | 17.50    | 20.50  | -                           | -                           | 0.47                        | 20.97              | 23.01                    | -2.04                |
|                        | 5270       | 54      | CDD  | AVG      | 19.39                 | 19.39    | 22.40  | 23.98                       | -1.58                       | 2.20                        | 24.60              | 30.00                    | -5.40                |
|                        | 5310       | 62      | CDD  | AVG      | 13.91                 | 14.00    | 16.96  | 23.98                       | -7.02                       | 2.20                        | 19.16              | 30.00                    | -10.84               |
|                        | 5510       | 102     | CDD  | AVG      | 13.95                 | 13.82    | 16.89  | 23.98                       | -7.09                       | 2.20                        | 19.09              | 30.00                    | -10.91               |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.44    | 22.45  | 23.98                       | -1.53                       | 2.20                        | 24.65              | 30.00                    | -5.35                |
|                        | 5670       | 134     | CDD  | AVG      | 14.77                 | 14.85    | 17.82  | 23.98                       | -6.16                       | 2.20                        | 20.02              | 30.00                    | -9.98                |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.27    | 22.39  | 23.98                       | -1.59                       | 2.20                        | 24.59              | 30.00                    | -5.41                |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.50    | 22.42  | 30.00                       | -7.58                       | 1.30                        | 23.72              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.38                 | 19.47    | 22.43  | 30.00                       | -7.57                       | 1.30                        | 23.73              | -                        | -                    |

Table 7-133. ISED CDD/SDM PRIMARY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 120 of 547                   |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.96                 | 13.77    | 16.88  | -                           | -                           | 0.90                        | 17.78              | 23.01                    | -5.23                |
|                        | 5290       | 58      | CDD  | AVG      | 15.81                 | 15.94    | 18.89  | 23.98                       | -5.09                       | 2.20                        | 21.09              | 30.00                    | -8.91                |
|                        | 5530       | 106     | CDD  | AVG      | 14.49                 | 14.50    | 17.50  | 23.98                       | -6.48                       | 2.20                        | 19.70              | 30.00                    | -10.30               |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.20                        | 24.71              | 30.00                    | -5.29                |
|                        | 5775       | 155     | CDD  | AVG      | 18.48                 | 18.41    | 21.46  | 30.00                       | -8.54                       | 1.30                        | 22.76              | -                        | -                    |

Table 7-134. ISED CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.48                 | 13.43    | 16.46  | -                           | -                           | 0.90                        | 17.36              | 23.01                    | -5.65                |
|                        | 5290       | 58      | CDD  | AVG      | 14.99                 | 15.00    | 18.00  | 23.98                       | -5.98                       | 2.20                        | 20.20              | 30.00                    | -9.80                |
|                        | 5530       | 106     | CDD  | AVG      | 13.76                 | 14.00    | 16.89  | 23.98                       | -7.09                       | 2.20                        | 19.09              | 30.00                    | -10.91               |
|                        | 5690       | 138     | CDD  | AVG      | 19.29                 | 19.50    | 22.41  | 23.98                       | -1.57                       | 2.20                        | 24.61              | 30.00                    | -5.39                |
|                        | 5775       | 155     | CDD  | AVG      | 18.21                 | 18.18    | 21.21  | 30.00                       | -8.79                       | 1.30                        | 22.51              | -                        | -                    |

Table 7-135. ISED CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 12.88                 | 13.00    | 15.95  | 23.98                       | -8.03                       | 0.90                        | 16.85              | 23.01                    | -6.16                |
|                        | 5290       | 58      | CDD  | AVG      | 14.00                 | 14.00    | 17.01  | 23.98                       | -6.97                       | 2.20                        | 19.21              | 30.00                    | -10.79               |
|                        | 5530       | 106     | CDD  | AVG      | 13.50                 | 13.37    | 16.45  | 23.98                       | -7.53                       | 2.20                        | 18.65              | 30.00                    | -11.35               |
|                        | 5690       | 138     | CDD  | AVG      | 19.26                 | 19.46    | 22.37  | 23.98                       | -1.61                       | 2.20                        | 24.57              | 30.00                    | -5.43                |
|                        | 5775       | 155     | CDD  | AVG      | 17.65                 | 17.71    | 20.69  | 30.00                       | -9.31                       | 1.30                        | 21.99              | -                        | -                    |

Table 7-136. ISED CDD PRIMARY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.91                 | 13.96    | 16.95  | -                           | -                           | 0.90                        | 17.85              | 23.01                    | -5.16                |
|                        | 5290       | 58      | CDD  | AVG      | 15.46                 | 15.48    | 18.48  | 23.98                       | -5.50                       | 2.20                        | 20.68              | 30.00                    | -9.32                |
|                        | 5530       | 106     | CDD  | AVG      | 14.34                 | 14.25    | 17.31  | 23.98                       | -6.67                       | 2.20                        | 19.51              | 30.00                    | -10.49               |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 23.98                       | -1.49                       | 2.20                        | 24.69              | 30.00                    | -5.31                |
|                        | 5775       | 155     | CDD  | AVG      | 17.90                 | 17.92    | 20.92  | 30.00                       | -9.08                       | 1.30                        | 22.22              | -                        | -                    |

Table 7-137. ISED CDD PRIMARY 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.50                 | 13.32    | 16.42  | -                           | -                           | 0.90                        | 17.32              | 23.01                    | -5.69                |
|                        | 5290       | 58      | CDD  | AVG      | 15.00                 | 15.00    | 18.01  | 23.98                       | -5.97                       | 2.20                        | 20.21              | 30.00                    | -9.79                |
|                        | 5530       | 106     | CDD  | AVG      | 13.69                 | 13.71    | 16.71  | 23.98                       | -7.27                       | 2.20                        | 18.91              | 30.00                    | -11.09               |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.31    | 22.41  | 23.98                       | -1.57                       | 2.20                        | 24.61              | 30.00                    | -5.39                |
|                        | 5775       | 155     | CDD  | AVG      | 16.95                 | 16.91    | 19.94  | 30.00                       | -10.06                      | 1.30                        | 21.24              | -                        | -                    |

Table 7-138. ISED CDD PRIMARY 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.00                 | 12.91    | 15.97  | -                           | -                           | 0.90                        | 16.87              | 23.01                    | -6.14                |
|                        | 5290       | 58      | CDD  | AVG      | 14.00                 | 13.82    | 16.92  | 23.98                       | -7.06                       | 2.20                        | 19.12              | 30.00                    | -10.88               |
|                        | 5530       | 106     | CDD  | AVG      | 13.47                 | 13.50    | 16.50  | 23.98                       | -7.48                       | 2.20                        | 18.70              | 30.00                    | -11.30               |
|                        | 5690       | 138     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       | 2.20                        | 24.69              | 30.00                    | -5.31                |
|                        | 5775       | 155     | CDD  | AVG      | 16.90                 | 16.92    | 19.92  | 30.00                       | -10.08                      | 1.30                        | 21.22              | -                        | -                    |

Table 7-139. ISED CDD PRIMARY 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 121 of 547                   |

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 13.22                 | 13.21    | 16.23  | 23.98                             | -7.75                             | 2.20                              | 18.43                 | 23.01                       | -4.58                   |

Table 7-140. ISED CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 12.98                 | 12.95    | 15.98  | 23.98                             | -8.00                             | 2.20                              | 18.18                 | 23.01                       | -4.83                   |

Table 7-141. ISED CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 11.95                 | 11.90    | 14.94  | 23.98                             | -9.04                             | 2.20                              | 17.14                 | 23.01                       | -5.87                   |

Table 7-142. ISED CDD PRIMARY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 13.16                 | 13.20    | 16.19  | 23.98                             | -7.79                             | 2.20                              | 18.39                 | 23.01                       | -4.62                   |

Table 7-143. ISED CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 12.41                 | 12.39    | 15.41  | 23.98                             | -8.57                             | 2.20                              | 17.61                 | 23.01                       | -5.40                   |

Table 7-144. ISED CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7a              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 11.90                 | 11.92    | 14.92  | 23.98                             | -9.06                             | 2.20                              | 17.12                 | 23.01                       | -5.89                   |

Table 7-145. ISED CDD PRIMARY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 122 of 547                   |

## 7.4.8 FCC CDD Diversity Maximum Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |              |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|--------------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Antenna WF7b          | Antenna WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.85                 | 16.95        | 19.91  | 23.98                       | -4.07                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.84        | 19.93  | 23.98                       | -4.05                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.98                 | 16.96        | 19.98  | 23.98                       | -4.00                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.85                 | 17.00        | 19.94  | 23.98                       | -4.04                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 16.99        | 19.96  | 23.98                       | -4.02                       |
|                        | 5320       | 64      | CDD  | AVG      | 17.00                 | 17.00        | 20.01  | 23.98                       | -3.97                       |
|                        | 5500       | 100     | CDD  | AVG      | 17.00                 | 16.83        | 19.93  | 23.98                       | -4.05                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.85        | 19.90  | 23.98                       | -4.08                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.90                 | 17.00        | 19.96  | 23.98                       | -4.02                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.98                 | 17.00        | 20.00  | 23.98                       | -3.98                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.28                 | 19.36        | 22.33  | 30.00                       | -7.67                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50        | 22.51  | 30.00                       | -7.49                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.35                 | 19.50        | 22.43  | 30.00                       | -7.57                       |

Table 7-146. FCC CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.93                 | 17.00    | 19.97  | 23.98                       | -4.01                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.91                 | 16.82    | 19.88  | 23.98                       | -4.10                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.81                 | 16.92    | 19.87  | 23.98                       | -4.11                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.87                 | 16.76    | 19.82  | 23.98                       | -4.16                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 16.92    | 19.93  | 23.98                       | -4.05                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.76                 | 16.77    | 19.78  | 23.98                       | -4.20                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.91                 | 16.94    | 19.94  | 23.98                       | -4.04                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.93                 | 17.00    | 19.97  | 23.98                       | -4.01                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.77                 | 16.87    | 19.83  | 23.98                       | -4.15                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.97                 | 15.85    | 18.92  | 23.98                       | -5.06                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.71    | 19.87  | 23.98                       | -4.11                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.45                 | 19.50    | 22.48  | 30.00                       | -7.52                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.44                 | 19.42    | 22.44  | 30.00                       | -7.56                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 30.00                       | -7.51                       |

Table 7-147. FCC CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 123 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.31                 | 16.43    | 19.38  | 23.98                       | -4.60                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.76                 | 16.97    | 19.88  | 23.98                       | -4.10                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.87                 | 16.95    | 19.92  | 23.98                       | -4.06                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.91                 | 16.77    | 19.85  | 23.98                       | -4.13                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 17.00    | 19.96  | 23.98                       | -4.02                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.37                 | 16.33    | 19.36  | 23.98                       | -4.62                       |
|                        | 5500       | 100     | CDD  | AVG      | 15.83                 | 15.93    | 18.89  | 23.98                       | -5.09                       |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.83    | 19.93  | 23.98                       | -4.05                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.91                 | 17.00    | 19.96  | 23.98                       | -4.02                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.77                 | 16.79    | 19.79  | 23.98                       | -4.19                       |
|                        | 5700       | 140     | CDD  | AVG      | 14.00                 | 14.00    | 17.01  | 23.98                       | -6.97                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.34                 | 19.50    | 22.43  | 30.00                       | -7.57                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.32                 | 19.50    | 22.42  | 30.00                       | -7.58                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |

Table 7-148. FCC CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.84                 | 17.00    | 19.93  | 23.98                       | -4.05                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.78                 | 17.00    | 19.90  | 23.98                       | -4.08                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.88                 | 16.88    | 19.89  | 23.98                       | -4.09                       |
|                        | 5260       | 52      | CDD  | AVG      | 17.00                 | 16.79    | 19.91  | 23.98                       | -4.07                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.89                 | 16.89    | 19.90  | 23.98                       | -4.08                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.78                 | 16.82    | 19.81  | 23.98                       | -4.17                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.97                 | 17.00    | 20.00  | 23.98                       | -3.98                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.85                 | 16.85    | 19.86  | 23.98                       | -4.12                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.83    | 19.93  | 23.98                       | -4.05                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.43                 | 19.42    | 22.44  | 30.00                       | -7.56                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.39    | 22.46  | 30.00                       | -7.54                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.44                 | 19.40    | 22.43  | 30.00                       | -7.57                       |

Table 7-149. FCC CDD DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 124 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.86                 | 16.81    | 19.84  | 23.98                       | -4.14                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.83                 | 16.76    | 19.80  | 23.98                       | -4.18                       |
|                        | 5240       | 48      | CDD  | AVG      | 16.90                 | 16.85    | 19.89  | 23.98                       | -4.09                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.90                 | 16.98    | 19.95  | 23.98                       | -4.03                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 16.90    | 19.94  | 23.98                       | -4.04                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.87                 | 16.80    | 19.84  | 23.98                       | -4.14                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.84                 | 17.00    | 19.93  | 23.98                       | -4.05                       |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 16.97    | 19.99  | 23.98                       | -3.99                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 17.00    | 20.00  | 23.98                       | -3.98                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.92                 | 15.96    | 18.95  | 23.98                       | -5.03                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.82                 | 16.80    | 19.82  | 23.98                       | -4.16                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.45                 | 19.35    | 22.41  | 30.00                       | -7.59                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.39                 | 19.36    | 22.39  | 30.00                       | -7.61                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.36                 | 19.32    | 22.35  | 30.00                       | -7.65                       |

Table 7-150. FCC CDD DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) (1+3) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                              |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                              | 5180       | 36      | CDD  | AVG      | 16.30                 | 16.50    | 19.41  | 23.98                       | -4.57                       |
|                              | 5200       | 40      | CDD  | AVG      | 16.91                 | 16.81    | 19.87  | 23.98                       | -4.11                       |
|                              | 5240       | 48      | CDD  | AVG      | 16.99                 | 17.00    | 20.00  | 23.98                       | -3.98                       |
|                              | 5260       | 52      | CDD  | AVG      | 16.89                 | 16.80    | 19.86  | 23.98                       | -4.12                       |
|                              | 5300       | 60      | CDD  | AVG      | 16.83                 | 17.00    | 19.93  | 23.98                       | -4.05                       |
|                              | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.46    | 19.49  | 23.98                       | -4.49                       |
|                              | 5500       | 100     | CDD  | AVG      | 15.93                 | 16.00    | 18.98  | 23.98                       | -5.00                       |
|                              | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.76    | 19.89  | 23.98                       | -4.09                       |
|                              | 5580       | 116     | CDD  | AVG      | 16.78                 | 16.90    | 19.85  | 23.98                       | -4.13                       |
|                              | 5680       | 136     | CDD  | AVG      | 17.00                 | 16.78    | 19.90  | 23.98                       | -4.08                       |
|                              | 5700       | 140     | CDD  | AVG      | 13.92                 | 13.85    | 16.89  | 23.98                       | -7.09                       |
|                              | 5720       | 144     | CDD  | AVG      | 16.90                 | 16.86    | 19.89  | 23.98                       | -4.09                       |
|                              | 5745       | 149     | CDD  | AVG      | 19.36                 | 19.32    | 22.35  | 30.00                       | -7.65                       |
|                              | 5785       | 157     | CDD  | AVG      | 19.44                 | 19.40    | 22.43  | 30.00                       | -7.57                       |
|                              | 5825       | 165     | CDD  | AVG      | 19.43                 | 19.32    | 22.38  | 30.00                       | -7.62                       |

Table 7-151. FCC CDD DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 125 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.99                 | 16.83    | 19.92  | 23.98                       | -4.06                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.77    | 19.90  | 23.98                       | -4.08                       |
|                        | 5240       | 48      | CDD  | AVG      | 17.00                 | 16.81    | 19.92  | 23.98                       | -4.06                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.93                 | 16.95    | 19.95  | 23.98                       | -4.03                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.82                 | 16.98    | 19.91  | 23.98                       | -4.07                       |
|                        | 5500       | 100     | CDD  | AVG      | 17.00                 | 16.99    | 20.01  | 23.98                       | -3.97                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.96                 | 17.00    | 19.99  | 23.98                       | -3.99                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 16.99    | 19.99  | 23.98                       | -3.99                       |
|                        | 5700       | 140     | CDD  | AVG      | 16.35                 | 16.49    | 19.43  | 23.98                       | -4.55                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.92                 | 16.96    | 19.95  | 23.98                       | -4.03                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.25                 | 19.50    | 22.39  | 30.00                       | -7.61                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.43                 | 19.25    | 22.35  | 30.00                       | -7.65                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.27                 | 19.27    | 22.28  | 30.00                       | -7.72                       |

Table 7-152. FCC CDD DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 16.50                 | 16.50    | 19.51  | 23.98                       | -4.47                       |
|                        | 5200       | 40      | CDD  | AVG      | 16.98                 | 16.85    | 19.93  | 23.98                       | -4.05                       |
|                        | 5240       | 48      | CDD  | AVG      | 17.00                 | 16.88    | 19.95  | 23.98                       | -4.03                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.78                 | 17.00    | 19.90  | 23.98                       | -4.08                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.84                 | 16.85    | 19.85  | 23.98                       | -4.13                       |
|                        | 5320       | 64      | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       |
|                        | 5500       | 100     | CDD  | AVG      | 16.77                 | 17.00    | 19.90  | 23.98                       | -4.08                       |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 16.99    | 20.01  | 23.98                       | -3.97                       |
|                        | 5680       | 136     | CDD  | AVG      | 16.89                 | 16.89    | 19.90  | 23.98                       | -4.08                       |
|                        | 5700       | 140     | CDD  | AVG      | 15.38                 | 15.25    | 18.32  | 23.98                       | -5.66                       |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.42                 | 19.41    | 22.43  | 30.00                       | -7.57                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.37                 | 19.40    | 22.40  | 30.00                       | -7.60                       |

Table 7-153. FCC CDD DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 126 of 547                   |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5180       | 36      | CDD  | AVG      | 15.86                 | 15.94    | 18.91  | 23.98                       | -5.07                       |
|                        | 5200       | 40      | CDD  | AVG      | 17.00                 | 16.82    | 19.92  | 23.98                       | -4.06                       |
|                        | 5240       | 48      | CDD  | AVG      | 17.00                 | 16.95    | 19.98  | 23.98                       | -4.00                       |
|                        | 5260       | 52      | CDD  | AVG      | 16.95                 | 16.90    | 19.93  | 23.98                       | -4.05                       |
|                        | 5300       | 60      | CDD  | AVG      | 16.87                 | 16.92    | 19.90  | 23.98                       | -4.08                       |
|                        | 5320       | 64      | CDD  | AVG      | 16.40                 | 16.46    | 19.44  | 23.98                       | -4.54                       |
|                        | 5500       | 100     | CDD  | AVG      | 15.48                 | 15.39    | 18.44  | 23.98                       | -5.54                       |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.78    | 19.90  | 23.98                       | -4.08                       |
|                        | 5580       | 116     | CDD  | AVG      | 16.91                 | 16.86    | 19.90  | 23.98                       | -4.08                       |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 16.80    | 19.91  | 23.98                       | -4.07                       |
|                        | 5700       | 140     | CDD  | AVG      | 13.96                 | 13.78    | 16.88  | 23.98                       | -7.10                       |
|                        | 5720       | 144     | CDD  | AVG      | 16.98                 | 17.00    | 20.00  | 23.98                       | -3.98                       |
|                        | 5745       | 149     | CDD  | AVG      | 19.25                 | 19.46    | 22.37  | 30.00                       | -7.63                       |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |
|                        | 5825       | 165     | CDD  | AVG      | 19.25                 | 19.29    | 22.28  | 30.00                       | -7.72                       |

Table 7-154. FCC CDD DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 14.91                 | 14.94    | 17.93  | 23.98                       | -6.05                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.47                 | 19.31    | 22.40  | 23.98                       | -1.58                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.49                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5310       | 62      | CDD  | AVG      | 16.32                 | 16.32    | 19.33  | 23.98                       | -4.65                       |
|                        | 5510       | 102     | CDD  | AVG      | 15.44                 | 15.43    | 18.45  | 23.98                       | -5.53                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.42                 | 19.50    | 22.47  | 23.98                       | -1.51                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.40                 | 19.50    | 22.46  | 23.98                       | -1.52                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.97                 | 19.00    | 22.00  | 23.98                       | -1.98                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.47                 | 19.45    | 22.47  | 23.98                       | -1.51                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |

Table 7-155. FCC CDD DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 127 of 547                   |

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| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 14.27                 | 14.49    | 17.40  | 23.98                       | -6.58                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.48                 | 19.30    | 22.40  | 23.98                       | -1.58                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 23.98                       | -1.48                       |
|                        | 5310       | 62      | CDD  | AVG      | 15.35                 | 15.50    | 18.43  | 23.98                       | -5.55                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.19                 | 14.50    | 17.36  | 23.98                       | -6.62                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.33                 | 19.29    | 22.32  | 23.98                       | -1.66                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.50                 | 19.45    | 22.49  | 23.98                       | -1.49                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.00                 | 18.00    | 21.01  | 23.98                       | -2.97                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.40                 | 19.39    | 22.41  | 30.00                       | -7.59                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.48    | 22.50  | 30.00                       | -7.50                       |

Table 7-156. FCC CDD DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.55                 | 13.62    | 16.60  | 23.98                       | -7.38                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.33                 | 19.27    | 22.31  | 23.98                       | -1.67                       |
|                        | 5310       | 62      | CDD  | AVG      | 13.99                 | 13.89    | 16.95  | 23.98                       | -7.03                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.00                 | 13.97    | 16.99  | 23.98                       | -6.99                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.37    | 22.41  | 23.98                       | -1.57                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.30                 | 19.50    | 22.41  | 23.98                       | -1.57                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.49                 | 19.33    | 22.42  | 23.98                       | -1.56                       |
|                        | 5670       | 134     | CDD  | AVG      | 15.93                 | 15.95    | 18.95  | 23.98                       | -5.03                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.29                 | 19.25    | 22.28  | 30.00                       | -7.72                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.28                 | 19.43    | 22.37  | 30.00                       | -7.63                       |

Table 7-157. FCC CDD DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.85                 | 13.82    | 16.85  | 23.98                       | -7.13                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 23.98                       | -1.56                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.31    | 22.42  | 23.98                       | -1.56                       |
|                        | 5310       | 62      | CDD  | AVG      | 16.34                 | 16.39    | 19.37  | 23.98                       | -4.61                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.67                 | 15.00    | 17.85  | 23.98                       | -6.13                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 23.98                       | -1.56                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.38                 | 19.28    | 22.34  | 23.98                       | -1.64                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.46                 | 18.30    | 21.39  | 23.98                       | -2.59                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.34                 | 19.36    | 22.36  | 23.98                       | -1.62                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.46    | 22.39  | 30.00                       | -7.61                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |

Table 7-158. FCC CDD DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                            | EUT Type:<br>Tablet Device | Page 128 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.85                 | 13.82    | 16.85  | 23.98                       | -7.13                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 23.98                       | -1.56                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.31    | 22.42  | 23.98                       | -1.56                       |
|                        | 5310       | 62      | CDD  | AVG      | 16.34                 | 16.39    | 19.37  | 23.98                       | -4.61                       |
|                        | 5510       | 102     | CDD  | AVG      | 14.67                 | 15.00    | 17.85  | 23.98                       | -6.13                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 23.98                       | -1.56                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.38                 | 19.28    | 22.34  | 23.98                       | -1.64                       |
|                        | 5670       | 134     | CDD  | AVG      | 18.46                 | 18.30    | 21.39  | 23.98                       | -2.59                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.34                 | 19.36    | 22.36  | 23.98                       | -1.62                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.46    | 22.39  | 30.00                       | -7.61                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       |

Table 7-159. FCC CDD DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5190       | 38      | CDD  | AVG      | 13.45                 | 13.49    | 16.48  | 23.98                       | -7.50                       |
|                        | 5230       | 46      | CDD  | AVG      | 19.33                 | 19.30    | 22.33  | 23.98                       | -1.65                       |
|                        | 5270       | 54      | CDD  | AVG      | 19.41                 | 19.50    | 22.47  | 23.98                       | -1.51                       |
|                        | 5310       | 62      | CDD  | AVG      | 13.76                 | 13.80    | 16.79  | 23.98                       | -7.19                       |
|                        | 5510       | 102     | CDD  | AVG      | 13.89                 | 13.90    | 16.91  | 23.98                       | -7.07                       |
|                        | 5550       | 110     | CDD  | AVG      | 19.49                 | 19.40    | 22.45  | 23.98                       | -1.53                       |
|                        | 5590       | 118     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 23.98                       | -1.49                       |
|                        | 5630       | 126     | CDD  | AVG      | 19.43                 | 19.35    | 22.40  | 23.98                       | -1.58                       |
|                        | 5670       | 134     | CDD  | AVG      | 14.88                 | 14.91    | 17.91  | 23.98                       | -6.07                       |
|                        | 5710       | 142     | CDD  | AVG      | 19.28                 | 19.50    | 22.40  | 23.98                       | -1.58                       |
|                        | 5755       | 151     | CDD  | AVG      | 19.49                 | 19.31    | 22.41  | 30.00                       | -7.59                       |
|                        | 5795       | 159     | CDD  | AVG      | 19.42                 | 19.50    | 22.47  | 30.00                       | -7.53                       |

Table 7-160. FCC CDD DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.99                 | 13.98    | 17.00  | 23.98                       | -6.98                       |
|                        | 5290       | 58      | CDD  | AVG      | 15.83                 | 15.93    | 18.89  | 23.98                       | -5.09                       |
|                        | 5530       | 106     | CDD  | AVG      | 14.25                 | 14.26    | 17.27  | 23.98                       | -6.71                       |
|                        | 5610       | 122     | CDD  | AVG      | 19.50                 | 19.47    | 22.50  | 23.98                       | -1.48                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.35                 | 19.50    | 22.44  | 23.98                       | -1.54                       |
|                        | 5775       | 155     | CDD  | AVG      | 18.50                 | 18.37    | 21.44  | 30.00                       | -8.56                       |

Table 7-161. FCC CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 129 of 547                   |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        |            |         |      |          |                       |          |        |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.50                 | 13.49    | 16.51  | 23.98                       | -7.47                       |
|                        | 5290       | 58      | CDD  | AVG      | 14.91                 | 14.95    | 17.94  | 23.98                       | -6.04                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.76                 | 14.00    | 16.89  | 23.98                       | -7.09                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.91                 | 18.96    | 21.94  | 23.98                       | -2.04                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.29                 | 19.50    | 22.41  | 23.98                       | -1.57                       |
|                        | 5775       | 155     | CDD  | AVG      | 18.21                 | 18.18    | 21.21  | 30.00                       | -8.79                       |

Table 7-162. FCC CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        |            |         |      |          |                       |          |        |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 12.93                 | 13.00    | 15.98  | 23.98                       | -8.00                       |
|                        | 5290       | 58      | CDD  | AVG      | 14.00                 | 14.00    | 17.01  | 23.98                       | -6.97                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.39                 | 13.50    | 16.45  | 23.98                       | -7.53                       |
|                        | 5610       | 122     | CDD  | AVG      | 18.02                 | 18.09    | 21.06  | 23.98                       | -2.92                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       |
|                        | 5775       | 155     | CDD  | AVG      | 17.69                 | 17.60    | 20.66  | 30.00                       | -9.34                       |

Table 7-163. FCC CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        |            |         |      |          |                       |          |        |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 14.00                 | 13.75    | 16.89  | 23.98                       | -7.09                       |
|                        | 5290       | 58      | CDD  | AVG      | 15.41                 | 15.50    | 18.46  | 23.98                       | -5.52                       |
|                        | 5530       | 106     | CDD  | AVG      | 14.33                 | 14.32    | 17.33  | 23.98                       | -6.65                       |
|                        | 5610       | 122     | CDD  | AVG      | 19.18                 | 19.25    | 22.22  | 23.98                       | -1.76                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.29                 | 19.49    | 22.40  | 23.98                       | -1.58                       |
|                        | 5775       | 155     | CDD  | AVG      | 17.87                 | 17.89    | 20.89  | 30.00                       | -9.11                       |

Table 7-164. FCC CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        |            |         |      |          |                       |          |        |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.40                 | 13.50    | 16.46  | 23.98                       | -7.52                       |
|                        | 5290       | 58      | CDD  | AVG      | 14.93                 | 14.87    | 17.91  | 23.98                       | -6.07                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.70                 | 13.64    | 16.68  | 23.98                       | -7.30                       |
|                        | 5610       | 122     | CDD  | AVG      | 19.00                 | 18.88    | 21.95  | 23.98                       | -2.03                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.36                 | 19.50    | 22.44  | 23.98                       | -1.54                       |
|                        | 5775       | 155     | CDD  | AVG      | 16.91                 | 16.88    | 19.91  | 30.00                       | -10.09                      |

Table 7-165. FCC CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 130 of 547                   |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                        | 5210       | 42      | CDD  | AVG      | 13.00                 | 12.99    | 16.00  | 23.98                       | -7.98                       |
|                        | 5290       | 58      | CDD  | AVG      | 13.98                 | 14.00    | 17.00  | 23.98                       | -6.98                       |
|                        | 5530       | 106     | CDD  | AVG      | 13.50                 | 13.50    | 16.51  | 23.98                       | -7.47                       |
|                        | 5610       | 122     | CDD  | AVG      | 17.95                 | 17.85    | 20.91  | 23.98                       | -3.07                       |
|                        | 5690       | 138     | CDD  | AVG      | 19.25                 | 19.26    | 22.27  | 23.98                       | -1.71                       |
|                        | 5775       | 155     | CDD  | AVG      | 16.85                 | 16.89    | 19.88  | 30.00                       | -10.12                      |

Table 7-166. FCC CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|-------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                         |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                         | 5250       | 50      | CDD  | AVG      | 13.15                 | 13.20    | 16.19  | 23.98                       | -7.79                       |
|                         | 5570       | 114     | CDD  | AVG      | 13.64                 | 13.71    | 16.69  | 30.00                       | -13.31                      |

Table 7-167. FCC CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|-------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                         |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                         | 5250       | 50      | CDD  | AVG      | 12.91                 | 12.88    | 15.91  | 23.98                       | -8.07                       |
|                         | 5570       | 114     | CDD  | AVG      | 13.22                 | 13.11    | 16.18  | 30.00                       | -13.82                      |

Table 7-168. FCC CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|-------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|
|                         |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |
|                         | 5250       | 50      | CDD  | AVG      | 11.90                 | 11.88    | 14.90  | 23.98                       | -9.08                       |
|                         | 5570       | 114     | CDD  | AVG      | 11.41                 | 11.35    | 14.39  | 30.00                       | -15.61                      |

Table 7-169. FCC CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 131 of 547                   |

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 13.19                 | 13.22    | 16.22  | 23.98                             | -7.76                             |
|                               | 5570       | 114     | CDD  | AVG      | 13.50                 | 13.42    | 16.47  | 30.00                             | -13.53                            |

Table 7-170. FCC CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 12.44                 | 12.50    | 15.48  | 23.98                             | -8.50                             |
|                               | 5570       | 114     | CDD  | AVG      | 12.42                 | 12.45    | 15.45  | 30.00                             | -14.55                            |

Table 7-171. FCC CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |
|                               | 5250       | 50      | CDD  | AVG      | 11.92                 | 11.89    | 14.92  | 23.98                             | -9.06                             |
|                               | 5570       | 114     | CDD  | AVG      | 11.32                 | 11.36    | 14.35  | 30.00                             | -15.65                            |

Table 7-172. FCC CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 132 of 547                   |

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## 7.4.9 ISED CDD/SDM Diversity Maximum Conducted Output Power Measurements

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.93                 | 11.89    | 14.92  | -                           | -                           | 0.10                        | 15.02              | 23.01                    | -7.99                |
|                        | 5200       | 40      | CDD  | AVG      | 11.91                 | 11.90    | 14.92  | -                           | -                           | 0.10                        | 15.02              | 23.01                    | -7.99                |
|                        | 5240       | 48      | CDD  | AVG      | 11.96                 | 11.95    | 14.97  | -                           | -                           | 0.10                        | 15.07              | 23.01                    | -7.94                |
|                        | 5260       | 52      | CDD  | AVG      | 16.85                 | 17.00    | 19.94  | 23.98                       | -4.04                       | 1.50                        | 21.44              | 30.00                    | -8.56                |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 16.99    | 19.96  | 23.98                       | -4.02                       | 1.50                        | 21.46              | 30.00                    | -8.54                |
|                        | 5320       | 64      | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 1.50                        | 21.51              | 30.00                    | -8.49                |
|                        | 5500       | 100     | CDD  | AVG      | 17.00                 | 16.83    | 19.93  | 23.98                       | -4.05                       | 2.30                        | 22.23              | 30.00                    | -7.77                |
|                        | 5580       | 116     | CDD  | AVG      | 16.92                 | 16.85    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5700       | 140     | CDD  | AVG      | 16.90                 | 17.00    | 19.96  | 23.98                       | -4.02                       | 2.30                        | 22.26              | 30.00                    | -7.74                |
|                        | 5720       | 144     | CDD  | AVG      | 16.98                 | 17.00    | 20.00  | 23.98                       | -3.98                       | 2.30                        | 22.30              | 30.00                    | -7.70                |
|                        | 5745       | 149     | CDD  | AVG      | 19.28                 | 19.36    | 22.33  | 30.00                       | -7.67                       | 1.40                        | 23.73              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.35                 | 19.50    | 22.43  | 30.00                       | -7.57                       | 1.40                        | 23.83              | -                        | -                    |

Table 7-173. ISED CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.90                 | 11.93    | 14.93  | -                           | -                           | 0.10                        | 15.03              | 23.01                    | -7.98                |
|                        | 5200       | 40      | CDD  | AVG      | 11.88                 | 11.91    | 14.91  | -                           | -                           | 0.10                        | 15.01              | 23.01                    | -8.00                |
|                        | 5240       | 48      | CDD  | AVG      | 11.89                 | 11.95    | 14.93  | -                           | -                           | 0.10                        | 15.03              | 23.01                    | -7.98                |
|                        | 5260       | 52      | CDD  | AVG      | 16.87                 | 16.76    | 19.82  | 23.98                       | -4.16                       | 1.50                        | 21.32              | 30.00                    | -8.68                |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 16.92    | 19.93  | 23.98                       | -4.05                       | 1.50                        | 21.43              | 30.00                    | -8.57                |
|                        | 5320       | 64      | CDD  | AVG      | 16.76                 | 16.77    | 19.78  | 23.98                       | -4.20                       | 1.50                        | 21.28              | 30.00                    | -8.72                |
|                        | 5500       | 100     | CDD  | AVG      | 16.91                 | 16.94    | 19.94  | 23.98                       | -4.04                       | 2.30                        | 22.24              | 30.00                    | -7.76                |
|                        | 5580       | 116     | CDD  | AVG      | 16.93                 | 17.00    | 19.97  | 23.98                       | -4.01                       | 2.30                        | 22.27              | 30.00                    | -7.73                |
|                        | 5680       | 136     | CDD  | AVG      | 16.77                 | 16.87    | 19.83  | 23.98                       | -4.15                       | 2.30                        | 22.13              | 30.00                    | -7.87                |
|                        | 5700       | 140     | CDD  | AVG      | 15.97                 | 15.85    | 18.92  | 23.98                       | -5.06                       | 2.30                        | 21.22              | 30.00                    | -8.78                |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.71    | 19.87  | 23.98                       | -4.11                       | 2.30                        | 22.17              | 30.00                    | -7.83                |
|                        | 5745       | 149     | CDD  | AVG      | 19.45                 | 19.50    | 22.48  | 30.00                       | -7.52                       | 1.40                        | 23.88              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.44                 | 19.42    | 22.44  | 30.00                       | -7.56                       | 1.40                        | 23.84              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 30.00                       | -7.51                       | 1.40                        | 23.89              | -                        | -                    |

Table 7-174. ISED CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | CDD  | AVG      | 11.92                 | 11.96    | 14.95  | -                           | -                           | 0.10                        | 15.05              | 23.01                    | -7.96                |
|                        | 5200       | 40      | CDD  | AVG      | 11.99                 | 11.90    | 14.96  | -                           | -                           | 0.10                        | 15.06              | 23.01                    | -7.95                |
|                        | 5240       | 48      | CDD  | AVG      | 11.90                 | 11.89    | 14.91  | -                           | -                           | 0.10                        | 15.01              | 23.01                    | -8.00                |
|                        | 5260       | 52      | CDD  | AVG      | 16.91                 | 16.77    | 19.85  | 23.98                       | -4.13                       | 1.50                        | 21.35              | 30.00                    | -8.65                |
|                        | 5300       | 60      | CDD  | AVG      | 16.91                 | 17.00    | 19.96  | 23.98                       | -4.02                       | 1.50                        | 21.46              | 30.00                    | -8.54                |
|                        | 5320       | 64      | CDD  | AVG      | 16.37                 | 16.33    | 19.36  | 23.98                       | -4.62                       | 1.50                        | 20.86              | 30.00                    | -9.14                |
|                        | 5500       | 100     | CDD  | AVG      | 15.83                 | 15.93    | 18.89  | 23.98                       | -5.09                       | 2.30                        | 21.19              | 30.00                    | -8.81                |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.83    | 19.93  | 23.98                       | -4.05                       | 2.30                        | 22.23              | 30.00                    | -7.77                |
|                        | 5580       | 116     | CDD  | AVG      | 16.91                 | 17.00    | 19.96  | 23.98                       | -4.02                       | 2.30                        | 22.26              | 30.00                    | -7.74                |
|                        | 5680       | 136     | CDD  | AVG      | 16.77                 | 16.79    | 19.79  | 23.98                       | -4.19                       | 2.30                        | 22.09              | 30.00                    | -7.91                |
|                        | 5700       | 140     | CDD  | AVG      | 14.00                 | 14.00    | 17.01  | 23.98                       | -6.97                       | 2.30                        | 19.31              | 30.00                    | -10.69               |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.30                        | 22.31              | 30.00                    | -7.69                |
|                        | 5745       | 149     | CDD  | AVG      | 19.34                 | 19.50    | 22.43  | 30.00                       | -7.57                       | 1.40                        | 23.83              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.32                 | 19.50    | 22.42  | 30.00                       | -7.58                       | 1.40                        | 23.82              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |

Table 7-175. ISED CDD DIVERSITY 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 133 of 547                   |

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| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.90                 | 14.97    | 17.94  | -                           | -                           | 0.05                        | 17.99              | 23.01                    | -5.02                |
|                        | 5200       | 40      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.05                        | 18.06              | 23.01                    | -4.95                |
|                        | 5240       | 48      | SDM  | AVG      | 14.93                 | 14.99    | 17.97  | -                           | -                           | 0.05                        | 18.02              | 23.01                    | -4.99                |
|                        | 5260       | 52      | CDD  | AVG      | 17.00                 | 16.79    | 19.91  | 23.98                       | -4.07                       | 1.50                        | 21.41              | 30.00                    | -8.59                |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       | 2.20                        | 22.17              | 30.00                    | -7.83                |
|                        | 5320       | 64      | CDD  | AVG      | 16.89                 | 16.89    | 19.90  | 23.98                       | -4.08                       | 1.50                        | 21.40              | 30.00                    | -8.60                |
|                        | 5500       | 100     | CDD  | AVG      | 16.78                 | 16.82    | 19.81  | 23.98                       | -4.17                       | 2.30                        | 22.11              | 30.00                    | -7.89                |
|                        | 5580       | 116     | CDD  | AVG      | 16.97                 | 17.00    | 20.00  | 23.98                       | -3.98                       | 2.30                        | 22.30              | 30.00                    | -7.70                |
|                        | 5700       | 140     | CDD  | AVG      | 16.85                 | 16.85    | 19.86  | 23.98                       | -4.12                       | 2.30                        | 22.16              | 30.00                    | -7.84                |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 16.83    | 19.93  | 23.98                       | -4.05                       | 2.30                        | 22.23              | 30.00                    | -7.77                |
|                        | 5745       | 149     | CDD  | AVG      | 19.43                 | 19.42    | 22.44  | 30.00                       | -7.56                       | 1.40                        | 23.84              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.39    | 22.46  | 30.00                       | -7.54                       | 1.40                        | 23.86              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.44                 | 19.40    | 22.43  | 30.00                       | -7.57                       | 1.40                        | 23.83              | -                        | -                    |

Table 7-176. ISCED CDD/SDM DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.99                 | 14.98    | 18.00  | -                           | -                           | 0.05                        | 18.05              | 23.01                    | -4.96                |
|                        | 5200       | 40      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.05                        | 18.06              | 23.01                    | -4.95                |
|                        | 5240       | 48      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.05                        | 18.06              | 23.01                    | -4.95                |
|                        | 5260       | 52      | CDD  | AVG      | 16.90                 | 16.98    | 19.95  | 23.98                       | -4.03                       | 1.50                        | 21.45              | 30.00                    | -8.55                |
|                        | 5300       | 60      | CDD  | AVG      | 16.96                 | 16.90    | 19.94  | 23.98                       | -4.04                       | 2.20                        | 22.14              | 30.00                    | -7.86                |
|                        | 5320       | 64      | CDD  | AVG      | 16.87                 | 16.80    | 19.84  | 23.98                       | -4.14                       | 1.50                        | 21.34              | 30.00                    | -8.66                |
|                        | 5500       | 100     | CDD  | AVG      | 16.84                 | 17.00    | 19.93  | 23.98                       | -4.05                       | 2.30                        | 22.23              | 30.00                    | -7.77                |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 16.97    | 19.99  | 23.98                       | -3.99                       | 2.30                        | 22.29              | 30.00                    | -7.71                |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 17.00    | 20.00  | 23.98                       | -3.98                       | 2.30                        | 22.30              | 30.00                    | -7.70                |
|                        | 5700       | 140     | CDD  | AVG      | 15.92                 | 15.96    | 18.95  | 23.98                       | -5.03                       | 2.30                        | 21.25              | 30.00                    | -8.75                |
|                        | 5720       | 144     | CDD  | AVG      | 16.82                 | 16.80    | 19.82  | 23.98                       | -4.16                       | 2.30                        | 22.12              | 30.00                    | -7.88                |
|                        | 5745       | 149     | CDD  | AVG      | 19.45                 | 19.35    | 22.41  | 30.00                       | -7.59                       | 1.40                        | 23.81              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.39                 | 19.36    | 22.39  | 30.00                       | -7.61                       | 1.40                        | 23.79              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.36                 | 19.32    | 22.35  | 30.00                       | -7.65                       | 1.40                        | 23.75              | -                        | -                    |

Table 7-177. ISCED CDD/SDM DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.85                 | 14.97    | 17.92  | -                           | -                           | 0.05                        | 17.97              | 23.01                    | -5.04                |
|                        | 5200       | 40      | SDM  | AVG      | 14.90                 | 15.00    | 17.96  | -                           | -                           | 0.05                        | 18.01              | 23.01                    | -5.00                |
|                        | 5240       | 48      | SDM  | AVG      | 14.99                 | 14.96    | 17.98  | -                           | -                           | 0.05                        | 18.03              | 23.01                    | -4.98                |
|                        | 5260       | 52      | CDD  | AVG      | 16.89                 | 16.80    | 19.86  | 23.98                       | -4.12                       | 1.50                        | 21.36              | 30.00                    | -8.64                |
|                        | 5300       | 60      | CDD  | AVG      | 16.83                 | 17.00    | 19.93  | 23.98                       | -4.05                       | 2.20                        | 22.13              | 30.00                    | -7.87                |
|                        | 5320       | 64      | CDD  | AVG      | 16.50                 | 16.46    | 19.49  | 23.98                       | -4.49                       | 1.50                        | 20.99              | 30.00                    | -9.01                |
|                        | 5500       | 100     | CDD  | AVG      | 15.93                 | 16.00    | 18.98  | 23.98                       | -5.00                       | 2.30                        | 21.28              | 30.00                    | -8.72                |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.76    | 19.89  | 23.98                       | -4.09                       | 2.30                        | 22.19              | 30.00                    | -7.81                |
|                        | 5580       | 116     | CDD  | AVG      | 16.78                 | 16.90    | 19.85  | 23.98                       | -4.13                       | 2.30                        | 22.15              | 30.00                    | -7.85                |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 16.78    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5700       | 140     | CDD  | AVG      | 13.92                 | 13.85    | 16.89  | 23.98                       | -7.09                       | 2.30                        | 19.19              | 30.00                    | -10.81               |
|                        | 5720       | 144     | CDD  | AVG      | 16.90                 | 16.86    | 19.89  | 23.98                       | -4.09                       | 2.30                        | 22.19              | 30.00                    | -7.81                |
|                        | 5745       | 149     | CDD  | AVG      | 19.36                 | 19.32    | 22.35  | 30.00                       | -7.65                       | 1.40                        | 23.75              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.44                 | 19.40    | 22.43  | 30.00                       | -7.57                       | 1.40                        | 23.83              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.43                 | 19.32    | 22.38  | 30.00                       | -7.62                       | 1.40                        | 23.78              | -                        | -                    |

Table 7-178. ISCED CDD/SDM DIVERSITY 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 134 of 547                   |

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 15.00                 | 14.86    | 17.94  | -                           | -                           | 0.05                        | 17.99              | 23.01                    | -5.02                |
|                        | 5200       | 40      | SDM  | AVG      | 14.96                 | 14.93    | 17.95  | -                           | -                           | 0.05                        | 18.00              | 23.01                    | -5.01                |
|                        | 5240       | 48      | SDM  | AVG      | 14.99                 | 14.96    | 17.98  | -                           | -                           | 0.05                        | 18.03              | 23.01                    | -4.98                |
|                        | 5260       | 52      | CDD  | AVG      | 16.96                 | 16.96    | 19.97  | 23.98                       | -4.01                       | 1.50                        | 21.47              | 30.00                    | -8.53                |
|                        | 5300       | 60      | CDD  | AVG      | 16.93                 | 16.95    | 19.95  | 23.98                       | -4.03                       | 1.50                        | 21.45              | 30.00                    | -8.55                |
|                        | 5320       | 64      | CDD  | AVG      | 16.82                 | 16.98    | 19.91  | 23.98                       | -4.07                       | 1.50                        | 21.41              | 30.00                    | -8.59                |
|                        | 5500       | 100     | CDD  | AVG      | 17.00                 | 16.99    | 20.01  | 23.98                       | -3.97                       | 2.30                        | 22.31              | 30.00                    | -7.69                |
|                        | 5580       | 116     | CDD  | AVG      | 16.96                 | 17.00    | 19.99  | 23.98                       | -3.99                       | 2.30                        | 22.29              | 30.00                    | -7.71                |
|                        | 5680       | 136     | CDD  | AVG      | 16.97                 | 16.99    | 19.99  | 23.98                       | -3.99                       | 2.30                        | 22.29              | 30.00                    | -7.71                |
|                        | 5700       | 140     | CDD  | AVG      | 16.35                 | 16.49    | 19.43  | 23.98                       | -4.55                       | 2.30                        | 21.73              | 30.00                    | -8.27                |
|                        | 5720       | 144     | CDD  | AVG      | 16.92                 | 16.96    | 19.95  | 23.98                       | -4.03                       | 2.30                        | 22.25              | 30.00                    | -7.75                |
|                        | 5745       | 149     | CDD  | AVG      | 19.25                 | 19.50    | 22.39  | 30.00                       | -7.61                       | 1.40                        | 23.79              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.43                 | 19.25    | 22.35  | 30.00                       | -7.65                       | 1.40                        | 23.75              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.27                 | 19.27    | 22.28  | 30.00                       | -7.72                       | 1.40                        | 23.68              | -                        | -                    |

Table 7-179. ISED CDD/SDM DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 14.95                 | 14.96    | 17.97  | -                           | -                           | 0.05                        | 18.02              | 23.01                    | -4.99                |
|                        | 5200       | 40      | SDM  | AVG      | 15.00                 | 15.00    | 18.01  | -                           | -                           | 0.05                        | 18.06              | 23.01                    | -4.95                |
|                        | 5240       | 48      | SDM  | AVG      | 14.77                 | 15.00    | 17.90  | -                           | -                           | 0.05                        | 17.95              | 23.01                    | -5.06                |
|                        | 5260       | 52      | CDD  | AVG      | 16.78                 | 17.00    | 19.90  | 23.98                       | -4.08                       | 1.50                        | 21.40              | 30.00                    | -8.60                |
|                        | 5300       | 60      | CDD  | AVG      | 16.84                 | 16.85    | 19.85  | 23.98                       | -4.13                       | 1.50                        | 21.35              | 30.00                    | -8.65                |
|                        | 5320       | 64      | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 1.50                        | 21.51              | 30.00                    | -8.49                |
|                        | 5500       | 100     | CDD  | AVG      | 16.77                 | 17.00    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5580       | 116     | CDD  | AVG      | 17.00                 | 16.99    | 20.01  | 23.98                       | -3.97                       | 2.30                        | 22.31              | 30.00                    | -7.69                |
|                        | 5680       | 136     | CDD  | AVG      | 16.89                 | 16.89    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5700       | 140     | CDD  | AVG      | 15.38                 | 15.25    | 18.32  | 23.98                       | -5.66                       | 2.30                        | 20.62              | 30.00                    | -9.38                |
|                        | 5720       | 144     | CDD  | AVG      | 17.00                 | 17.00    | 20.01  | 23.98                       | -3.97                       | 2.30                        | 22.31              | 30.00                    | -7.69                |
|                        | 5745       | 149     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.42                 | 19.41    | 22.43  | 30.00                       | -7.57                       | 1.40                        | 23.83              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.37                 | 19.40    | 22.40  | 30.00                       | -7.60                       | 1.40                        | 23.80              | -                        | -                    |

Table 7-180. ISED CDD/SDM DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5180       | 36      | SDM  | AVG      | 15.00                 | 14.72    | 17.87  | -                           | -                           | 0.05                        | 17.92              | 23.01                    | -5.09                |
|                        | 5200       | 40      | SDM  | AVG      | 15.00                 | 14.85    | 17.94  | -                           | -                           | 0.05                        | 17.99              | 23.01                    | -5.02                |
|                        | 5240       | 48      | SDM  | AVG      | 14.97                 | 14.83    | 17.91  | -                           | -                           | 0.05                        | 17.96              | 23.01                    | -5.05                |
|                        | 5260       | 52      | CDD  | AVG      | 16.95                 | 16.90    | 19.93  | 23.98                       | -4.05                       | 1.50                        | 21.43              | 30.00                    | -8.57                |
|                        | 5300       | 60      | CDD  | AVG      | 16.87                 | 16.92    | 19.90  | 23.98                       | -4.08                       | 1.50                        | 21.40              | 30.00                    | -8.60                |
|                        | 5320       | 64      | CDD  | AVG      | 16.40                 | 16.46    | 19.44  | 23.98                       | -4.54                       | 1.50                        | 20.94              | 30.00                    | -9.06                |
|                        | 5500       | 100     | CDD  | AVG      | 15.48                 | 15.39    | 18.44  | 23.98                       | -5.54                       | 2.30                        | 20.74              | 30.00                    | -9.26                |
|                        | 5520       | 104     | CDD  | AVG      | 17.00                 | 16.78    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5580       | 116     | CDD  | AVG      | 16.91                 | 16.86    | 19.90  | 23.98                       | -4.08                       | 2.30                        | 22.20              | 30.00                    | -7.80                |
|                        | 5680       | 136     | CDD  | AVG      | 17.00                 | 16.80    | 19.91  | 23.98                       | -4.07                       | 2.30                        | 22.21              | 30.00                    | -7.79                |
|                        | 5700       | 140     | CDD  | AVG      | 13.96                 | 13.78    | 16.88  | 23.98                       | -7.10                       | 2.30                        | 19.18              | 30.00                    | -10.82               |
|                        | 5720       | 144     | CDD  | AVG      | 16.98                 | 17.00    | 20.00  | 23.98                       | -3.98                       | 2.30                        | 22.30              | 30.00                    | -7.70                |
|                        | 5745       | 149     | CDD  | AVG      | 19.25                 | 19.46    | 22.37  | 30.00                       | -7.63                       | 1.40                        | 23.77              | -                        | -                    |
|                        | 5785       | 157     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |
|                        | 5825       | 165     | CDD  | AVG      | 19.25                 | 19.29    | 22.28  | 30.00                       | -7.72                       | 1.40                        | 23.68              | -                        | -                    |

Table 7-181. ISED CDD/SDM DIVERSITY 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 135 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | SDM  | AVG      | 15.00                 | 14.85    | 17.94  | -                           | -                           | 0.05                        | 17.99              | 23.01                    | -5.02                |
|                        | 5230       | 46      | SDM  | AVG      | 17.50                 | 17.50    | 20.51  | -                           | -                           | 0.05                        | 20.56              | 23.01                    | -2.45                |
|                        | 5270       | 54      | CDD  | AVG      | 19.49                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 1.50                        | 24.01              | 30.00                    | -5.99                |
|                        | 5310       | 62      | CDD  | AVG      | 16.32                 | 16.32    | 19.33  | 23.98                       | -4.65                       | 1.50                        | 20.83              | 30.00                    | -9.17                |
|                        | 5510       | 102     | CDD  | AVG      | 15.44                 | 15.44    | 18.45  | 23.98                       | -5.53                       | 2.30                        | 20.75              | 30.00                    | -9.25                |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.30                        | 24.81              | 30.00                    | -5.19                |
|                        | 5590       | 118     | CDD  | AVG      | 19.42                 | 19.50    | 22.47  | 23.98                       | -1.51                       | 2.30                        | 24.77              | 30.00                    | -5.23                |
|                        | 5670       | 134     | CDD  | AVG      | 18.97                 | 19.00    | 22.00  | 23.98                       | -1.98                       | 2.30                        | 24.30              | 30.00                    | -5.70                |
|                        | 5710       | 142     | CDD  | AVG      | 19.47                 | 19.45    | 22.47  | 23.98                       | -1.51                       | 2.30                        | 24.77              | 30.00                    | -5.23                |
|                        | 5755       | 151     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |

Table 7-182. ISED CDD/SDM DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 14.36                 | 14.28    | 17.33  | -                           | -                           | 0.10                        | 17.43              | 23.01                    | -5.58                |
|                        | 5230       | 46      | SDM  | AVG      | 17.36                 | 17.44    | 20.41  | -                           | -                           | 0.05                        | 20.46              | 23.01                    | -2.55                |
|                        | 5270       | 54      | CDD  | AVG      | 19.48                 | 19.50    | 22.50  | 23.98                       | -1.48                       | 1.50                        | 24.00              | 30.00                    | -6.00                |
|                        | 5310       | 62      | CDD  | AVG      | 15.35                 | 15.50    | 18.43  | 23.98                       | -5.55                       | 1.50                        | 19.93              | 30.00                    | -10.07               |
|                        | 5510       | 102     | CDD  | AVG      | 14.19                 | 14.50    | 17.36  | 23.98                       | -6.62                       | 2.30                        | 19.66              | 30.00                    | -10.34               |
|                        | 5550       | 110     | CDD  | AVG      | 19.33                 | 19.29    | 22.32  | 23.98                       | -1.66                       | 2.30                        | 24.62              | 30.00                    | -5.38                |
|                        | 5670       | 134     | CDD  | AVG      | 18.00                 | 18.00    | 21.01  | 23.98                       | -2.97                       | 2.30                        | 23.31              | 30.00                    | -6.69                |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.30                        | 24.81              | 30.00                    | -5.19                |
|                        | 5755       | 151     | CDD  | AVG      | 19.40                 | 19.39    | 22.41  | 30.00                       | -7.59                       | 1.40                        | 23.81              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.48    | 22.50  | 30.00                       | -7.50                       | 1.40                        | 23.90              | -                        | -                    |

Table 7-183. ISED CDD/SDM DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.51                 | 13.63    | 16.58  | -                           | -                           | 0.10                        | 16.68              | 23.01                    | -6.33                |
|                        | 5230       | 46      | SDM  | AVG      | 17.42                 | 17.32    | 20.38  | -                           | -                           | 0.05                        | 20.43              | 23.01                    | -2.58                |
|                        | 5270       | 54      | CDD  | AVG      | 19.33                 | 19.27    | 22.31  | 23.98                       | -1.67                       | 1.50                        | 23.81              | 30.00                    | -6.19                |
|                        | 5310       | 62      | CDD  | AVG      | 13.99                 | 13.89    | 16.95  | 23.98                       | -7.03                       | 1.50                        | 18.45              | 30.00                    | -11.55               |
|                        | 5510       | 102     | CDD  | AVG      | 14.00                 | 13.97    | 16.99  | 23.98                       | -6.99                       | 2.30                        | 19.29              | 30.00                    | -10.71               |
|                        | 5550       | 110     | CDD  | AVG      | 19.44                 | 19.37    | 22.41  | 23.98                       | -1.57                       | 2.30                        | 24.71              | 30.00                    | -5.29                |
|                        | 5590       | 118     | CDD  | AVG      | 19.30                 | 19.50    | 22.41  | 23.98                       | -1.57                       | 2.30                        | 24.71              | 30.00                    | -5.29                |
|                        | 5670       | 134     | CDD  | AVG      | 15.93                 | 15.95    | 18.95  | 23.98                       | -5.03                       | 2.30                        | 21.25              | 30.00                    | -8.75                |
|                        | 5710       | 142     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.30                        | 24.81              | 30.00                    | -5.19                |
|                        | 5755       | 151     | CDD  | AVG      | 19.29                 | 19.25    | 22.28  | 30.00                       | -7.72                       | 1.40                        | 23.68              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.28                 | 19.43    | 22.37  | 30.00                       | -7.63                       | 1.40                        | 23.77              | -                        | -                    |

Table 7-184. ISED CDD/SDM DIVERSITY 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 136 of 547                   |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 14.00                 | 13.81    | 16.91  | -                           | -                           | 0.10                        | 17.01              | 23.01                    | -6.00                |
|                        | 5230       | 46      | SDM  | AVG      | 17.47                 | 17.37    | 20.43  | -                           | -                           | 0.05                        | 20.48              | 23.01                    | -2.53                |
|                        | 5270       | 54      | CDD  | AVG      | 19.50                 | 19.31    | 22.42  | 23.98                       | -1.56                       | 1.50                        | 23.92              | 30.00                    | -6.08                |
|                        | 5310       | 62      | CDD  | AVG      | 16.34                 | 16.39    | 19.37  | 23.98                       | -4.61                       | 1.50                        | 20.87              | 30.00                    | -9.13                |
|                        | 5510       | 102     | CDD  | AVG      | 14.67                 | 15.00    | 17.85  | 23.98                       | -6.13                       | 2.30                        | 20.15              | 30.00                    | -9.85                |
|                        | 5550       | 110     | CDD  | AVG      | 19.50                 | 19.32    | 22.42  | 23.98                       | -1.56                       | 2.30                        | 24.72              | 30.00                    | -5.28                |
|                        | 5590       | 118     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       | 2.30                        | 24.79              | 30.00                    | -5.21                |
|                        | 5670       | 134     | CDD  | AVG      | 18.46                 | 18.30    | 21.39  | 23.98                       | -2.59                       | 2.30                        | 23.69              | 30.00                    | -6.31                |
|                        | 5710       | 142     | CDD  | AVG      | 19.34                 | 19.36    | 22.36  | 23.98                       | -1.62                       | 2.30                        | 24.66              | 30.00                    | -5.34                |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.46    | 22.39  | 30.00                       | -7.61                       | 1.40                        | 23.79              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 30.00                       | -7.49                       | 1.40                        | 23.91              | -                        | -                    |

Table 7-185. ISED CDD/SDM DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.62                 | 13.61    | 16.63  | -                           | -                           | 0.10                        | 16.73              | 23.01                    | -6.28                |
|                        | 5230       | 46      | SDM  | AVG      | 17.50                 | 17.44    | 20.48  | -                           | -                           | 0.05                        | 20.53              | 23.01                    | -2.48                |
|                        | 5270       | 54      | CDD  | AVG      | 19.48                 | 19.40    | 22.45  | 23.98                       | -1.53                       | 1.50                        | 23.95              | 30.00                    | -6.05                |
|                        | 5310       | 62      | CDD  | AVG      | 15.45                 | 15.28    | 18.37  | 23.98                       | -5.61                       | 1.50                        | 19.87              | 30.00                    | -10.13               |
|                        | 5510       | 102     | CDD  | AVG      | 14.43                 | 14.26    | 17.36  | 23.98                       | -6.62                       | 2.30                        | 19.66              | 30.00                    | -10.34               |
|                        | 5550       | 110     | CDD  | AVG      | 19.45                 | 19.46    | 22.47  | 23.98                       | -1.51                       | 2.30                        | 24.77              | 30.00                    | -5.23                |
|                        | 5670       | 134     | CDD  | AVG      | 17.50                 | 17.26    | 20.39  | 23.98                       | -3.59                       | 2.30                        | 22.69              | 30.00                    | -7.31                |
|                        | 5710       | 142     | CDD  | AVG      | 19.41                 | 19.50    | 22.47  | 23.98                       | -1.51                       | 2.30                        | 24.77              | 30.00                    | -5.23                |
|                        | 5755       | 151     | CDD  | AVG      | 19.31                 | 19.50    | 22.42  | 30.00                       | -7.58                       | 1.40                        | 23.82              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.50                 | 19.41    | 22.47  | 30.00                       | -7.53                       | 1.40                        | 23.87              | -                        | -                    |

Table 7-186. ISED CDD/SDM DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5190       | 38      | CDD  | AVG      | 13.50                 | 13.26    | 16.39  | -                           | -                           | 0.10                        | 16.49              | 23.01                    | -6.52                |
|                        | 5230       | 46      | SDM  | AVG      | 17.50                 | 17.50    | 20.51  | -                           | -                           | 0.05                        | 20.56              | 23.01                    | -2.45                |
|                        | 5270       | 54      | CDD  | AVG      | 19.41                 | 19.50    | 22.47  | 23.98                       | -1.51                       | 1.50                        | 23.97              | 30.00                    | -6.03                |
|                        | 5310       | 62      | CDD  | AVG      | 13.76                 | 13.80    | 16.79  | 23.98                       | -7.19                       | 1.50                        | 18.29              | 30.00                    | -11.71               |
|                        | 5510       | 102     | CDD  | AVG      | 13.89                 | 13.90    | 16.91  | 23.98                       | -7.07                       | 2.30                        | 19.21              | 30.00                    | -10.79               |
|                        | 5550       | 110     | CDD  | AVG      | 19.49                 | 19.40    | 22.45  | 23.98                       | -1.53                       | 2.30                        | 24.75              | 30.00                    | -5.25                |
|                        | 5590       | 118     | CDD  | AVG      | 19.50                 | 19.46    | 22.49  | 23.98                       | -1.49                       | 2.30                        | 24.79              | 30.00                    | -5.21                |
|                        | 5670       | 134     | CDD  | AVG      | 14.88                 | 14.91    | 17.91  | 23.98                       | -6.07                       | 2.30                        | 20.21              | 30.00                    | -9.79                |
|                        | 5710       | 142     | CDD  | AVG      | 19.28                 | 19.50    | 22.40  | 23.98                       | -1.58                       | 2.30                        | 24.70              | 30.00                    | -5.30                |
|                        | 5755       | 151     | CDD  | AVG      | 19.49                 | 19.31    | 22.41  | 30.00                       | -7.59                       | 1.40                        | 23.81              | -                        | -                    |
|                        | 5795       | 159     | CDD  | AVG      | 19.42                 | 19.50    | 22.47  | 30.00                       | -7.53                       | 1.40                        | 23.87              | -                        | -                    |

Table 7-187. ISED CDD/SDM DIVERSITY 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 137 of 547                   |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.97                 | 13.95    | 16.97  | -                           | -                           | 0.10                        | 17.07              | 23.01                    | -5.94                |
|                        | 5290       | 58      | CDD  | AVG      | 15.83                 | 15.93    | 18.89  | 23.98                       | -5.09                       | 1.50                        | 20.39              | 30.00                    | -9.61                |
|                        | 5530       | 106     | CDD  | AVG      | 14.25                 | 14.26    | 17.27  | 23.98                       | -6.71                       | 2.30                        | 19.57              | 30.00                    | -10.43               |
|                        | 5690       | 138     | CDD  | AVG      | 19.35                 | 19.50    | 22.44  | 23.98                       | -1.54                       | 2.30                        | 24.74              | 30.00                    | -5.26                |
|                        | 5775       | 155     | CDD  | AVG      | 18.50                 | 18.37    | 21.44  | 30.00                       | -8.56                       | 1.40                        | 22.84              | -                        | -                    |

Table 7-188. ISED CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.50                 | 13.28    | 16.40  | -                           | -                           | 0.10                        | 16.50              | 23.01                    | -6.51                |
|                        | 5290       | 58      | CDD  | AVG      | 15.00                 | 15.00    | 18.01  | 23.98                       | -5.97                       | 1.50                        | 19.51              | 30.00                    | -10.49               |
|                        | 5530       | 106     | CDD  | AVG      | 13.80                 | 14.00    | 16.91  | 23.98                       | -7.07                       | 2.30                        | 19.21              | 30.00                    | -10.79               |
|                        | 5690       | 138     | CDD  | AVG      | 19.50                 | 19.50    | 22.51  | 23.98                       | -1.47                       | 2.30                        | 24.81              | 30.00                    | -5.19                |
|                        | 5775       | 155     | CDD  | AVG      | 18.25                 | 18.16    | 21.22  | 30.00                       | -8.78                       | 1.40                        | 22.62              | -                        | -                    |

Table 7-189. ISED CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.00                 | 13.00    | 16.01  | 23.98                       | -7.97                       | 0.10                        | 16.11              | 23.01                    | -6.90                |
|                        | 5290       | 58      | CDD  | AVG      | 14.00                 | 14.00    | 17.01  | 23.98                       | -6.97                       | 1.50                        | 18.51              | 30.00                    | -11.49               |
|                        | 5530       | 106     | CDD  | AVG      | 13.39                 | 13.50    | 16.45  | 23.98                       | -7.53                       | 2.30                        | 18.75              | 30.00                    | -11.25               |
|                        | 5690       | 138     | CDD  | AVG      | 19.45                 | 19.50    | 22.49  | 23.98                       | -1.49                       | 2.30                        | 24.79              | 30.00                    | -5.21                |
|                        | 5775       | 155     | CDD  | AVG      | 17.69                 | 17.60    | 20.66  | 30.00                       | -9.34                       | 1.40                        | 22.06              | -                        | -                    |

Table 7-190. ISED CDD DIVERSITY 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 13.92                 | 14.00    | 16.97  | -                           | -                           | 0.10                        | 17.07              | 23.01                    | -5.94                |
|                        | 5290       | 58      | CDD  | AVG      | 15.41                 | 15.50    | 18.46  | 23.98                       | -5.52                       | 1.50                        | 19.96              | 30.00                    | -10.04               |
|                        | 5530       | 106     | CDD  | AVG      | 14.33                 | 14.32    | 17.33  | 23.98                       | -6.65                       | 2.30                        | 19.63              | 30.00                    | -10.37               |
|                        | 5690       | 138     | CDD  | AVG      | 19.29                 | 19.49    | 22.40  | 23.98                       | -1.58                       | 2.30                        | 24.70              | 30.00                    | -5.30                |
|                        | 5775       | 155     | CDD  | AVG      | 17.87                 | 17.89    | 20.89  | 30.00                       | -9.11                       | 1.40                        | 22.29              | -                        | -                    |

Table 7-191. ISED CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz (80MHz Bandwidth) (1+3) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                              |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                              | 5210       | 42      | CDD  | AVG      | 13.50                 | 13.46    | 16.49  | -                           | -                           | 0.10                        | 16.59              | 23.01                    | -6.42                |
|                              | 5290       | 58      | CDD  | AVG      | 14.93                 | 14.87    | 17.91  | 23.98                       | -6.07                       | 1.50                        | 19.41              | 30.00                    | -10.59               |
|                              | 5530       | 106     | CDD  | AVG      | 13.70                 | 13.64    | 16.68  | 23.98                       | -7.30                       | 2.30                        | 18.98              | 30.00                    | -11.02               |
|                              | 5690       | 138     | CDD  | AVG      | 19.36                 | 19.50    | 22.44  | 23.98                       | -1.54                       | 2.30                        | 24.74              | 30.00                    | -5.26                |
|                              | 5775       | 155     | CDD  | AVG      | 16.91                 | 16.88    | 19.91  | 30.00                       | -10.09                      | 1.40                        | 21.31              | -                        | -                    |

Table 7-192. ISED CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                        |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                        | 5210       | 42      | CDD  | AVG      | 12.91                 | 12.87    | 15.90  | -                           | -                           | 0.10                        | 16.00              | 23.01                    | -7.01                |
|                        | 5290       | 58      | CDD  | AVG      | 13.98                 | 14.00    | 17.00  | 23.98                       | -6.98                       | 1.50                        | 18.50              | 30.00                    | -11.50               |
|                        | 5530       | 106     | CDD  | AVG      | 13.50                 | 13.50    | 16.51  | 23.98                       | -7.47                       | 2.30                        | 18.81              | 30.00                    | -11.19               |
|                        | 5690       | 138     | CDD  | AVG      | 19.25                 | 19.26    | 22.27  | 23.98                       | -1.71                       | 2.30                        | 24.57              | 30.00                    | -5.43                |
|                        | 5775       | 155     | CDD  | AVG      | 16.85                 | 16.89    | 19.88  | 30.00                       | -10.12                      | 1.40                        | 21.28              | -                        | -                    |

Table 7-193. ISED CDD DIVERSITY 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz (160MHz Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Directional Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|-------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------------|----------------------|
|                         |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                             |                             |                             |                    |                          |                      |
|                         | 5250       | 50      | CDD  | AVG      | 13.15                 | 13.20    | 16.19  | 23.98                       | -7.79                       | 1.50                        | 17.69              | 23.01                    | -5.32                |

Table 7-194. ISED CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 138 of 547                   |

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 12.91                 | 12.88    | 15.91  | 23.98                             | -8.07                             | 1.50                              | 17.41                 | 23.01                       | -5.60                   |

Table 7-195. ISED CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 11.90                 | 11.88    | 14.90  | 23.98                             | -9.08                             | 1.50                              | 16.40                 | 23.01                       | -6.61                   |

Table 7-196. ISED CDD DIVERSITY 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 13.19                 | 13.22    | 16.22  | 23.98                             | -7.76                             | 1.50                              | 17.72                 | 23.01                       | -5.29                   |

Table 7-197. ISED CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 12.44                 | 12.50    | 15.48  | 23.98                             | -8.50                             | 1.50                              | 16.98                 | 23.01                       | -6.03                   |

Table 7-198. ISED CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

| 5GHz<br>(160MHz<br>Bandwidth) | Freq [MHz] | Channel | Mode | Detector | Conducted Power [dBm] |          |        | Conducted<br>Power Limit<br>[dBm] | Conducted<br>Power<br>Margin [dB] | Directional<br>Ant. Gain<br>[dBi] | Max e.i.r.p.<br>[dBm] | Max e.i.r.p.<br>Limit [dBm] | e.i.r.p.<br>Margin [dB] |
|-------------------------------|------------|---------|------|----------|-----------------------|----------|--------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------------------------|-------------------------|
|                               |            |         |      |          | Ant WF7b              | Ant WF2a | Summed |                                   |                                   |                                   |                       |                             |                         |
|                               | 5250       | 50      | CDD  | AVG      | 11.90                 | 11.88    | 14.90  | 23.98                             | -9.08                             | 1.50                              | 16.40                 | 23.01                       | -6.61                   |

Table 7-199. ISED CDD DIVERSITY 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 139 of 547                   |

**Note:**

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna WF7a and Antenna WF7b 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 C63.10-2013 Section 14.4.3, 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.

$$\text{Directional gain} = G_{ANT} + \text{Array Gain dBi}$$

Per ANSI C63.10-2013 Section 14.4.3, 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 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 14.76dBm for Antenna WF7a and 14.90dBm for Antenna WF2a.

$$\text{Antenna WF7a} + \text{Antenna WF2a} = \text{CDD/SDM}$$

$$(14.76\text{dBm} + 14.90 \text{ dBm}) = (29.92\text{mW} + 30.90\text{mW}) = 60.82\text{mW} = 17.84\text{dBm}$$

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

At 5180MHz in 802.11n (20MHz BW) mode, the average MIMO SDM conducted power was calculated to be dBm with directional gain of dBi.

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

$$17.84\text{dBm} + 0.47\text{dBi} = 18.31\text{dBm}$$

|                                            |                                                                                                                                   |                            |                                          |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 140 of 547                          |

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## 7.5 Maximum Power Spectral Density – 802.11a/n/ac/ax(SU)

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3); RSS-247 [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 C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

***In the 5.15 – 5.25GHz, 5.25 – 5.35GHz, 5.47 – 5.725GHz bands, the maximum permissible power spectral density is 11dBm/MHz.***

***In the 5.15 – 5.25GHz band, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1 MHz band.***

***In the 5.725 – 5.850GHz band, the maximum permissible power spectral density is 30dBm/500kHz.***

### Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2  
KDB 789033 D02 v02r01 – Section F  
ANSI C63.10-2013 – Section 14.3.2.2 Measure-and-Sum Technique  
KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

### Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire emission bandwidth of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points  $\geq 2 \times (\text{span}/\text{RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

### 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. The data rates have been classified into three different groups; Low Data Rate, Middle Data Rate, and High Data Rate. All three data rate groups of data rate have been investigated and only the worst case data rate per group is reported.
2. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel psd plots have been reported.

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device            | Page 141 of 547                   |

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## 7.5.1 Antenna WF7a Power Spectral Density Measurements

|          | Frequency [MHz] | Channel No. | 802.11 MODE      | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|----------|-----------------|-------------|------------------|------------------|----------------------------------|-----------------------------|-------------|
| Band 1   | 5180            | 36          | n (20MHz)        | 19.5/21.7 (MCS2) | 8.05                             | 11.00                       | -2.95       |
|          | 5200            | 40          | n (20MHz)        | 19.5/21.7 (MCS2) | 9.11                             | 11.00                       | -1.89       |
|          | 5240            | 48          | n (20MHz)        | 19.5/21.7 (MCS2) | 9.29                             | 11.00                       | -1.71       |
|          | 5180            | 36          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 5.91                             | 11.00                       | -5.10       |
|          | 5200            | 40          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.48                             | 11.00                       | -3.52       |
|          | 5240            | 48          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.60                             | 11.00                       | -3.41       |
|          | 5190            | 38          | n (40MHz)        | 40/40.5 (MCS2)   | 3.11                             | 11.00                       | -7.89       |
|          | 5230            | 46          | n (40MHz)        | 40/40.5 (MCS2)   | 6.34                             | 11.00                       | -4.66       |
|          | 5190            | 38          | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | -0.25                            | 11.00                       | -11.25      |
|          | 5230            | 46          | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.98                             | 11.00                       | -6.02       |
|          | 5210            | 42          | ac (80MHz)       | 87.8/97.5 (MCS2) | -1.61                            | 11.00                       | -12.61      |
| Band 1/2 | 5210            | 42          | ax (SU) (80MHz)  | 102/108.1 (MCS2) | -3.85                            | 11.00                       | -14.85      |
|          | 5250            | 50          | ac (160MHz)      | 87.8/97.5 (MCS2) | -5.82                            | 11.00                       | -16.82      |
| Band 2A  | 5250            | 50          | ax (SU) (160MHz) | 102/108.1 (MCS2) | -7.16                            | 11.00                       | -18.16      |
|          | 5260            | 52          | n (20MHz)        | 19.5/21.7 (MCS2) | 9.03                             | 11.00                       | -1.97       |
|          | 5300            | 60          | n (20MHz)        | 19.5/21.7 (MCS2) | 9.10                             | 11.00                       | -1.90       |
|          | 5320            | 64          | n (20MHz)        | 19.5/21.7 (MCS2) | 8.23                             | 11.00                       | -2.77       |
|          | 5260            | 52          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.48                             | 11.00                       | -3.52       |
|          | 5300            | 60          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.35                             | 11.00                       | -3.65       |
|          | 5320            | 64          | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 6.34                             | 11.00                       | -4.66       |
|          | 5270            | 54          | n (40MHz)        | 40/40.5 (MCS2)   | 6.23                             | 11.00                       | -4.77       |
|          | 5310            | 62          | n (40MHz)        | 40/40.5 (MCS2)   | 3.99                             | 11.00                       | -7.01       |
|          | 5270            | 54          | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.63                             | 11.00                       | -6.37       |
|          | 5310            | 62          | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 1.98                             | 11.00                       | -9.02       |
| Band 2C  | 5290            | 58          | ac (80MHz)       | 87.8/97.5 (MCS2) | 0.56                             | 11.00                       | -10.44      |
|          | 5290            | 58          | ax (SU) (80MHz)  | 102/108.1 (MCS2) | -1.36                            | 11.00                       | -12.36      |
|          | 5500            | 100         | n (20MHz)        | 19.5/21.7 (MCS2) | 8.98                             | 11.00                       | -2.02       |
|          | 5580            | 116         | n (20MHz)        | 19.5/21.7 (MCS2) | 9.37                             | 11.00                       | -1.63       |
|          | *5600           | 120         | n (20MHz)        | 19.5/21.7 (MCS2) | 9.38                             | 11.00                       | -1.62       |
|          | 5700            | 140         | n (20MHz)        | 19.5/21.7 (MCS2) | 7.43                             | 11.00                       | -3.57       |
|          | 5720            | 144         | n (20MHz)        | 19.5/21.7 (MCS2) | 9.16                             | 11.00                       | -1.84       |
|          | 5500            | 100         | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 6.85                             | 11.00                       | -4.15       |
|          | 5580            | 116         | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.74                             | 11.00                       | -3.26       |
|          | *5600           | 120         | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.48                             | 11.00                       | -3.52       |
|          | 5700            | 140         | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 5.52                             | 11.00                       | -5.48       |
|          | 5720            | 144         | ax (SU) (20MHz)  | 24/25.8 (MCS2)   | 7.68                             | 11.00                       | -3.32       |
|          | 5510            | 102         | n (40MHz)        | 40/40.5 (MCS2)   | 2.47                             | 11.00                       | -8.53       |
|          | 5550            | 110         | n (40MHz)        | 40/40.5 (MCS2)   | 6.31                             | 11.00                       | -4.69       |
|          | *5590           | 118         | n (40MHz)        | 40/40.5 (MCS2)   | 6.34                             | 11.00                       | -4.66       |
|          | 5670            | 134         | n (40MHz)        | 40/40.5 (MCS2)   | 6.18                             | 11.00                       | -4.82       |
|          | 5710            | 142         | n (40MHz)        | 40/40.5 (MCS2)   | 6.23                             | 11.00                       | -4.77       |
|          | 5510            | 102         | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 0.84                             | 11.00                       | -10.16      |
|          | 5550            | 110         | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.75                             | 11.00                       | -6.25       |
|          | *5590           | 118         | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.75                             | 11.00                       | -6.25       |
|          | 5670            | 134         | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.29                             | 11.00                       | -6.71       |
|          | 5710            | 142         | ax (SU) (40MHz)  | 49/51.6 (MCS2)   | 4.48                             | 11.00                       | -6.52       |
|          | 5530            | 106         | ac (80MHz)       | 87.8/97.5 (MCS2) | -1.22                            | 11.00                       | -12.22      |
|          | *5610           | 122         | ac (80MHz)       | 87.8/97.5 (MCS2) | 3.29                             | 11.00                       | -7.71       |
|          | 5690            | 138         | ac (80MHz)       | 87.8/97.5 (MCS2) | 3.05                             | 11.00                       | -7.95       |
|          | 5530            | 106         | ax (SU) (80MHz)  | 102/108.1 (MCS2) | -2.62                            | 11.00                       | -13.62      |
|          | *5610           | 122         | ax (SU) (80MHz)  | 102/108.1 (MCS2) | 1.89                             | 11.00                       | -9.12       |
|          | 5690            | 138         | ax (SU) (80MHz)  | 102/108.1 (MCS2) | 2.05                             | 11.00                       | -8.95       |
|          | *5570           | 114         | ac (160MHz)      | 87.8/97.5 (MCS2) | -5.01                            | 11.00                       | -16.01      |
|          | *5570           | 114         | ax (SU) (160MHz) | 102/108.1 (MCS2) | -6.40                            | 11.00                       | -17.40      |

Table 7-200. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7a (Low Data Rate)

\*TDWR channel is not supported for ISSED (denoted by a \* next to the frequency)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 142 of 547                   |

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|          | Frequency [MHz] | Channel No. | 802.11 MODE      | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|----------|-----------------|-------------|------------------|------------------|----------------------------------|-----------------------------|-------------|
| Band 1   | 5180            | 36          | n (20MHz)        | 39/43.3 (MCS4)   | 7.87                             | 11.00                       | -3.13       |
|          | 5200            | 40          | n (20MHz)        | 39/43.3 (MCS4)   | 8.92                             | 11.00                       | -2.08       |
|          | 5240            | 48          | n (20MHz)        | 39/43.3 (MCS4)   | 9.27                             | 11.00                       | -1.73       |
|          | 5180            | 36          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 5.71                             | 11.00                       | -5.29       |
|          | 5200            | 40          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 7.61                             | 11.00                       | -3.39       |
|          | 5240            | 48          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 7.74                             | 11.00                       | -3.26       |
|          | 5190            | 38          | n (40MHz)        | 81/90 (MCS4)     | 1.86                             | 11.00                       | -9.14       |
|          | 5230            | 46          | n (40MHz)        | 81/90 (MCS4)     | 6.17                             | 11.00                       | -4.83       |
|          | 5190            | 38          | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | -0.54                            | 11.00                       | -11.54      |
|          | 5230            | 46          | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 4.94                             | 11.00                       | -6.06       |
|          | 5210            | 42          | ac (80MHz)       | 175.5/195 (MCS4) | -2.54                            | 11.00                       | -13.54      |
|          | 5210            | 42          | ax (SU) (80MHz)  | 204/216.2 (MCS4) | -3.64                            | 11.00                       | -14.64      |
| Band 1/2 | 5250            | 50          | ac (160MHz)      | 175.5/195 (MCS4) | -5.86                            | 11.00                       | -16.86      |
|          | 5250            | 50          | ax (SU) (160MHz) | 204/216.2 (MCS4) | -6.99                            | 11.00                       | -17.99      |
| Band 2A  | 5260            | 52          | n (20MHz)        | 39/43.3 (MCS4)   | 9.38                             | 11.00                       | -1.63       |
|          | 5300            | 60          | n (20MHz)        | 39/43.3 (MCS4)   | 9.43                             | 11.00                       | -1.57       |
|          | 5320            | 64          | n (20MHz)        | 39/43.3 (MCS4)   | 7.38                             | 11.00                       | -3.62       |
|          | 5260            | 52          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 7.59                             | 11.00                       | -3.41       |
|          | 5300            | 60          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 7.57                             | 11.00                       | -3.43       |
|          | 5320            | 64          | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 5.59                             | 11.00                       | -5.41       |
|          | 5270            | 54          | n (40MHz)        | 81/90 (MCS4)     | 6.32                             | 11.00                       | -4.68       |
|          | 5310            | 62          | n (40MHz)        | 81/90 (MCS4)     | 3.07                             | 11.00                       | -7.94       |
|          | 5270            | 54          | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 4.91                             | 11.00                       | -6.09       |
|          | 5310            | 62          | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 1.17                             | 11.00                       | -9.83       |
|          | 5290            | 58          | ac (80MHz)       | 175.5/195 (MCS4) | -0.49                            | 11.00                       | -11.49      |
|          | 5290            | 58          | ax (SU) (80MHz)  | 204/216.2 (MCS4) | -2.34                            | 11.00                       | -13.34      |
| Band 2C  | 5500            | 100         | n (20MHz)        | 39/43.3 (MCS4)   | 7.90                             | 11.00                       | -3.11       |
|          | 5580            | 116         | n (20MHz)        | 39/43.3 (MCS4)   | 9.36                             | 11.00                       | -1.64       |
|          | *5600           | 120         | n (20MHz)        | 39/43.3 (MCS4)   | 9.34                             | 11.00                       | -1.66       |
|          | 5700            | 140         | n (20MHz)        | 39/43.3 (MCS4)   | 6.42                             | 11.00                       | -4.58       |
|          | 5720            | 144         | n (20MHz)        | 39/43.3 (MCS4)   | 9.36                             | 11.00                       | -1.64       |
|          | 5500            | 100         | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 5.66                             | 11.00                       | -5.34       |
|          | 5580            | 116         | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 8.12                             | 11.00                       | -2.88       |
|          | *5600           | 120         | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 8.01                             | 11.00                       | -2.99       |
|          | 5700            | 140         | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 3.76                             | 11.00                       | -7.24       |
|          | 5720            | 144         | ax (SU) (20MHz)  | 49/51.6 (MCS4)   | 7.87                             | 11.00                       | -3.13       |
|          | 5510            | 102         | n (40MHz)        | 81/90 (MCS4)     | 2.27                             | 11.00                       | -8.73       |
|          | 5550            | 110         | n (40MHz)        | 81/90 (MCS4)     | 6.34                             | 11.00                       | -4.66       |
|          | *5590           | 118         | n (40MHz)        | 81/90 (MCS4)     | 6.02                             | 11.00                       | -4.98       |
|          | 5670            | 134         | n (40MHz)        | 81/90 (MCS4)     | 5.45                             | 11.00                       | -5.55       |
|          | 5710            | 142         | n (40MHz)        | 81/90 (MCS4)     | 6.27                             | 11.00                       | -4.73       |
|          | 5510            | 102         | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 1.06                             | 11.00                       | -9.94       |
|          | 5550            | 110         | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 4.81                             | 11.00                       | -6.20       |
|          | *5590           | 118         | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 4.80                             | 11.00                       | -6.20       |
|          | 5670            | 134         | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 3.46                             | 11.00                       | -7.54       |
|          | 5710            | 142         | ax (SU) (40MHz)  | 98/103.2 (MCS4)  | 4.61                             | 11.00                       | -6.40       |
|          | 5530            | 106         | ac (80MHz)       | 175.5/195 (MCS4) | -2.35                            | 11.00                       | -13.35      |
|          | *5610           | 122         | ac (80MHz)       | 175.5/195 (MCS4) | 3.16                             | 11.00                       | -7.84       |
|          | 5690            | 138         | ac (80MHz)       | 175.5/195 (MCS4) | 3.02                             | 11.00                       | -7.99       |
|          | 5530            | 106         | ax (SU) (80MHz)  | 204/216.2 (MCS4) | -3.37                            | 11.00                       | -14.37      |
|          | *5610           | 122         | ax (SU) (80MHz)  | 204/216.2 (MCS4) | 2.35                             | 11.00                       | -8.65       |
|          | 5690            | 138         | ax (SU) (80MHz)  | 204/216.2 (MCS4) | 1.96                             | 11.00                       | -9.04       |
|          | *5570           | 114         | ac (160MHz)      | 175.5/195 (MCS4) | -5.42                            | 11.00                       | -16.42      |
|          | *5570           | 114         | ax (SU) (160MHz) | 204/216.2 (MCS4) | -6.61                            | 11.00                       | -17.61      |

**Table 7-201. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)**

\*TDWR channel is not supported for ISSED (denoted by a \* next to the frequency)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 143 of 547                   |

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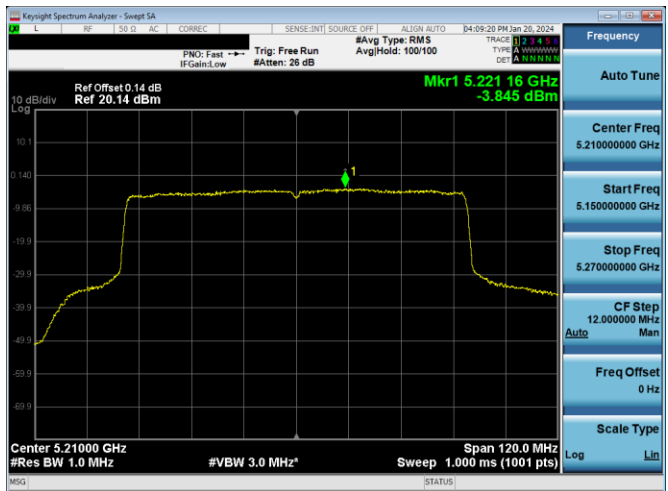
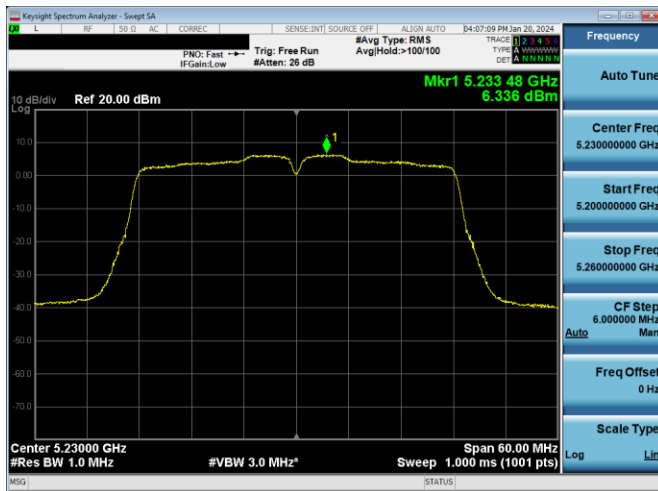
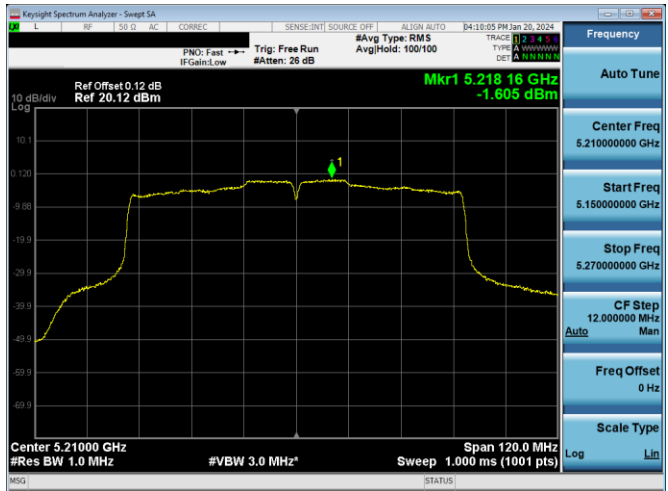
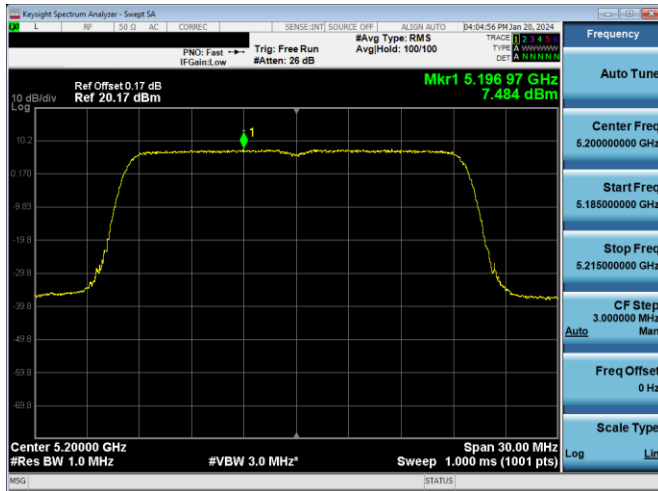
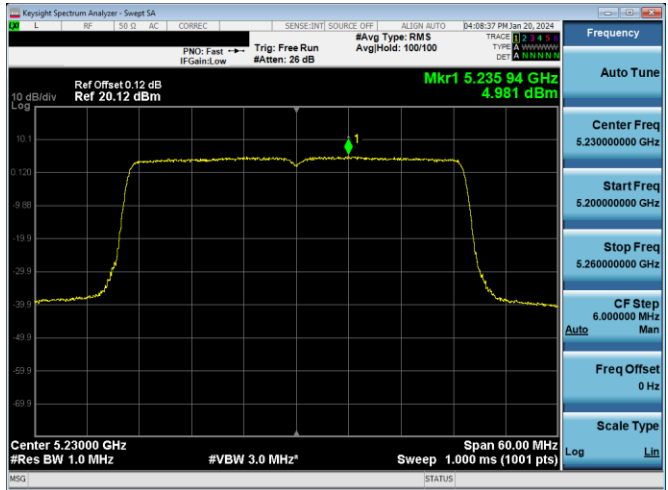
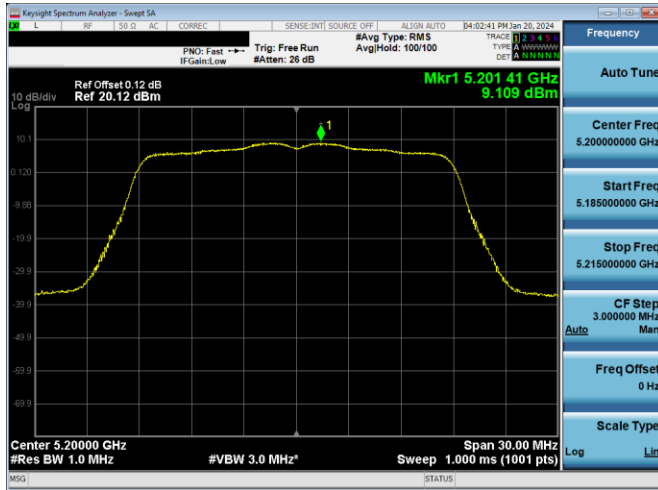
|          | Frequency [MHz] | Channel No. | 802.11 MODE      | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|----------|-----------------|-------------|------------------|-------------------|----------------------------------|-----------------------------|-------------|
| Band 1   | 5180            | 36          | n (20MHz)        | 65/72.2 (MCS7)    | 5.64                             | 11.00                       | -5.36       |
|          | 5200            | 40          | n (20MHz)        | 65/72.2 (MCS7)    | 7.69                             | 11.00                       | -3.31       |
|          | 5240            | 48          | n (20MHz)        | 65/72.2 (MCS7)    | 8.02                             | 11.00                       | -2.98       |
|          | 5180            | 36          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 5.17                             | 11.00                       | -5.83       |
|          | 5200            | 40          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.81                             | 11.00                       | -3.19       |
|          | 5240            | 48          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.84                             | 11.00                       | -3.16       |
|          | 5190            | 38          | n (40MHz)        | 135/150 (MCS7)    | 0.06                             | 11.00                       | -10.94      |
|          | 5230            | 46          | n (40MHz)        | 135/150 (MCS7)    | 5.09                             | 11.00                       | -5.91       |
|          | 5190            | 38          | ax (SU) (40MHz)  | 271/286 (MCS11)   | -0.60                            | 11.00                       | -11.60      |
|          | 5230            | 46          | ax (SU) (40MHz)  | 271/286 (MCS11)   | 5.01                             | 11.00                       | -6.00       |
|          | 5210            | 42          | ac (80MHz)       | 390/433.3 (MCS9)  | -3.39                            | 11.00                       | -14.39      |
|          | 5210            | 42          | ax (SU) (80MHz)  | 567/600.5 (MCS11) | -3.85                            | 11.00                       | -14.85      |
| Band 1/2 | 5250            | 50          | ac (160MHz)      | 390/433.3 (MCS9)  | -6.78                            | 11.00                       | -17.78      |
|          | 5250            | 50          | ax (SU) (160MHz) | 567/600.5 (MCS11) | -6.65                            | 11.00                       | -17.65      |
| Band 2A  | 5260            | 52          | n (20MHz)        | 65/72.2 (MCS7)    | 7.97                             | 11.00                       | -3.03       |
|          | 5300            | 60          | n (20MHz)        | 65/72.2 (MCS7)    | 7.92                             | 11.00                       | -3.08       |
|          | 5320            | 64          | n (20MHz)        | 65/72.2 (MCS7)    | 5.19                             | 11.00                       | -5.81       |
|          | 5260            | 52          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.44                             | 11.00                       | -3.56       |
|          | 5300            | 60          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.54                             | 11.00                       | -3.46       |
|          | 5320            | 64          | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 4.56                             | 11.00                       | -6.44       |
|          | 5270            | 54          | n (40MHz)        | 135/150 (MCS7)    | 5.09                             | 11.00                       | -5.91       |
|          | 5310            | 62          | n (40MHz)        | 135/150 (MCS7)    | 0.58                             | 11.00                       | -10.42      |
|          | 5270            | 54          | ax (SU) (40MHz)  | 271/286 (MCS11)   | 4.87                             | 11.00                       | -6.13       |
|          | 5310            | 62          | ax (SU) (40MHz)  | 271/286 (MCS11)   | 0.03                             | 11.00                       | -10.97      |
|          | 5290            | 58          | ac (80MHz)       | 390/433.3 (MCS9)  | -3.46                            | 11.00                       | -14.46      |
|          | 5290            | 58          | ax (SU) (80MHz)  | 567/600.5 (MCS11) | -3.44                            | 11.00                       | -14.44      |
|          | 5500            | 100         | n (20MHz)        | 65/72.2 (MCS7)    | 4.98                             | 11.00                       | -6.02       |
|          | 5580            | 116         | n (20MHz)        | 65/72.2 (MCS7)    | 8.25                             | 11.00                       | -2.75       |
| Band 2C  | *5600           | 120         | n (20MHz)        | 65/72.2 (MCS7)    | 8.18                             | 11.00                       | -2.82       |
|          | 5700            | 140         | n (20MHz)        | 65/72.2 (MCS7)    | 3.11                             | 11.00                       | -7.89       |
|          | 5720            | 144         | n (20MHz)        | 65/72.2 (MCS7)    | 8.03                             | 11.00                       | -2.98       |
|          | 5500            | 100         | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 4.00                             | 11.00                       | -7.00       |
|          | 5580            | 116         | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 8.25                             | 11.00                       | -2.75       |
|          | *5600           | 120         | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.67                             | 11.00                       | -3.34       |
|          | 5700            | 140         | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 2.70                             | 11.00                       | -8.30       |
|          | 5720            | 144         | ax (SU) (20MHz)  | 135/143.4 (MCS11) | 7.62                             | 11.00                       | -3.39       |
|          | 5510            | 102         | n (40MHz)        | 135/150 (MCS7)    | -0.41                            | 11.00                       | -11.41      |
|          | 5550            | 110         | n (40MHz)        | 135/150 (MCS7)    | 5.00                             | 11.00                       | -6.00       |
|          | *5590           | 118         | n (40MHz)        | 135/150 (MCS7)    | 5.07                             | 11.00                       | -5.93       |
|          | 5670            | 134         | n (40MHz)        | 135/150 (MCS7)    | 1.38                             | 11.00                       | -9.62       |
|          | 5710            | 142         | n (40MHz)        | 135/150 (MCS7)    | 4.99                             | 11.00                       | -6.01       |
|          | 5510            | 102         | ax (SU) (40MHz)  | 271/286 (MCS11)   | -0.48                            | 11.00                       | -11.48      |
|          | 5550            | 110         | ax (SU) (40MHz)  | 271/286 (MCS11)   | 5.21                             | 11.00                       | -5.79       |
|          | *5590           | 118         | ax (SU) (40MHz)  | 271/286 (MCS11)   | 5.03                             | 11.00                       | -5.97       |
|          | 5670            | 134         | ax (SU) (40MHz)  | 271/286 (MCS11)   | 0.98                             | 11.00                       | -10.02      |
|          | 5710            | 142         | ax (SU) (40MHz)  | 271/286 (MCS11)   | 5.03                             | 11.00                       | -5.97       |
|          | 5530            | 106         | ac (80MHz)       | 390/433.3 (MCS9)  | -4.10                            | 11.00                       | -15.10      |
|          | *5610           | 122         | ac (80MHz)       | 390/433.3 (MCS9)  | 1.58                             | 11.00                       | -9.42       |
|          | 5690            | 138         | ac (80MHz)       | 390/433.3 (MCS9)  | 1.92                             | 11.00                       | -9.08       |
|          | 5530            | 106         | ax (SU) (80MHz)  | 567/600.5 (MCS11) | -4.34                            | 11.00                       | -15.34      |
|          | *5610           | 122         | ax (SU) (80MHz)  | 567/600.5 (MCS11) | 1.61                             | 11.00                       | -9.39       |
|          | 5690            | 138         | ax (SU) (80MHz)  | 567/600.5 (MCS11) | 2.19                             | 11.00                       | -8.81       |
|          | *5570           | 114         | ac (160MHz)      | 390/433.3 (MCS9)  | -6.78                            | 11.00                       | -17.78      |
|          | *5570           | 114         | ax (SU) (160MHz) | 567/600.5 (MCS11) | -6.97                            | 11.00                       | -17.97      |

**Table 7-202. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF7a (High Data Rate)**

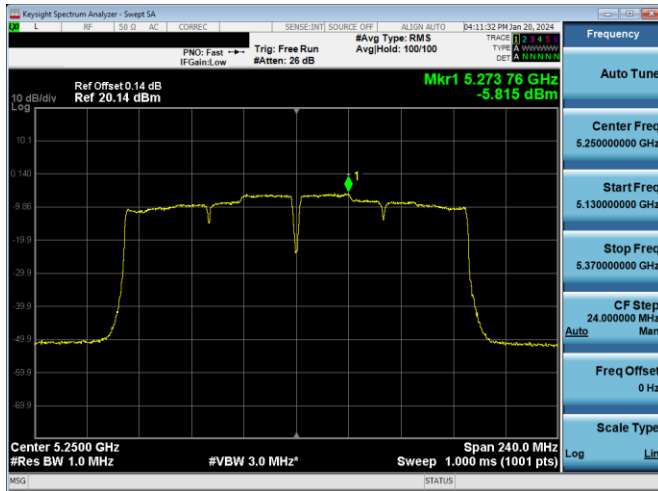
\*TDWR channel is not supported for ISSED (denoted by a \* next to the frequency)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 144 of 547                   |

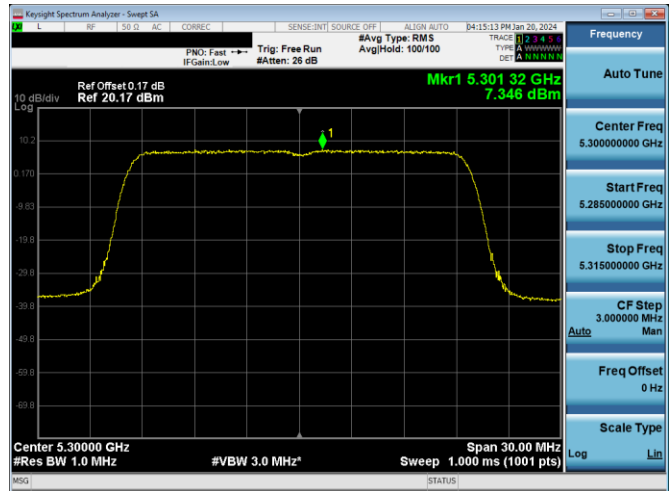
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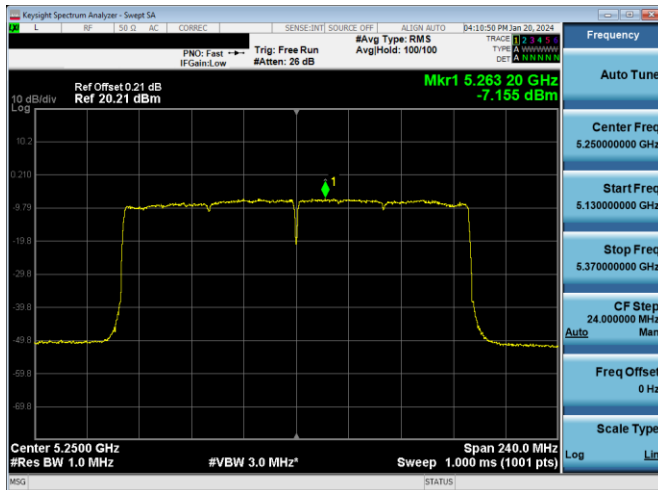
|                                            |                                       |                                       |                                   |
|--------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         | element                               | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024 | EUT Type:<br>Tablet Device            | Page 145 of 547                   |



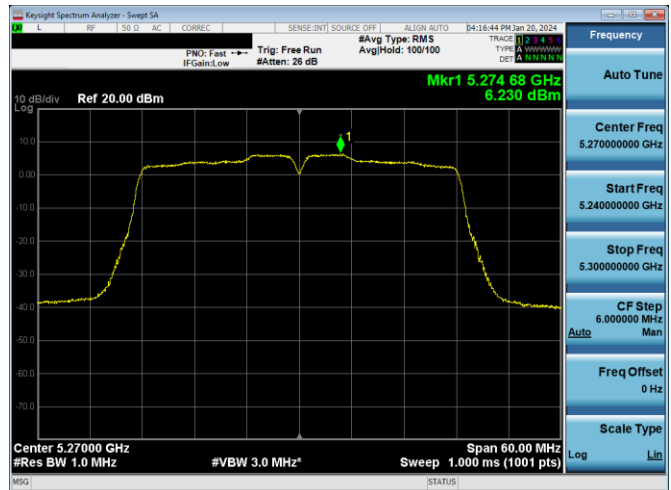
Plot 7-259. PSD Antenna WF7a (160MHz BW 802.11ac - Ch. 50, MCS2)



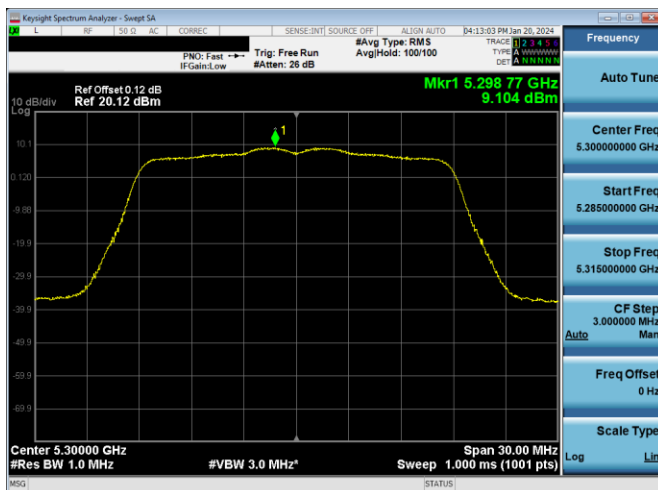
Plot 7-262. PSD Antenna WF7a (20MHz BW 802.11ax(SU) - Ch. 60, MCS2)



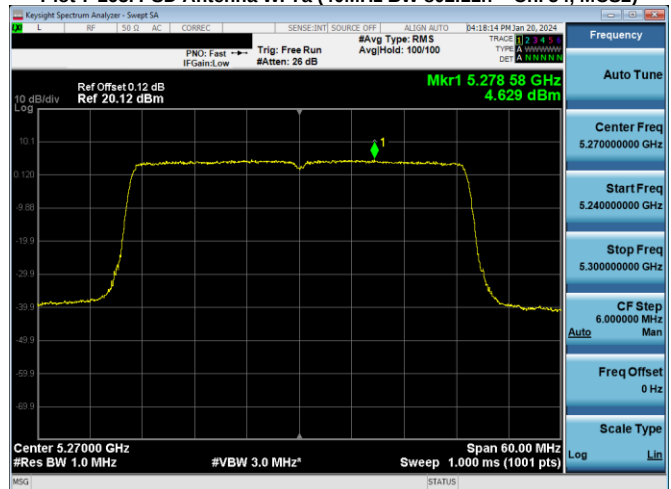
Plot 7-260. PSD Antenna WF7a (160MHz BW 802.11ax(SU) - Ch. 50, MCS2)



Plot 7-263. PSD Antenna WF7a (40MHz BW 802.11n - Ch. 54, MCS2)



Plot 7-261. PSD Antenna WF7a (20MHz BW 802.11n - Ch. 60, MCS2)



Plot 7-264. PSD Antenna WF7a (40MHz BW 802.11ax(SU) - Ch. 54, MCS2)

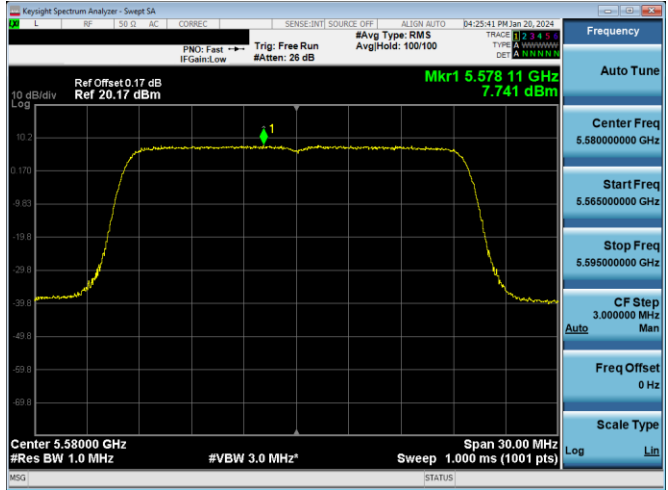
|                                            |                                       |                                       |                                   |
|--------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         | element                               | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024 | EUT Type:<br>Tablet Device            | Page 146 of 547                   |

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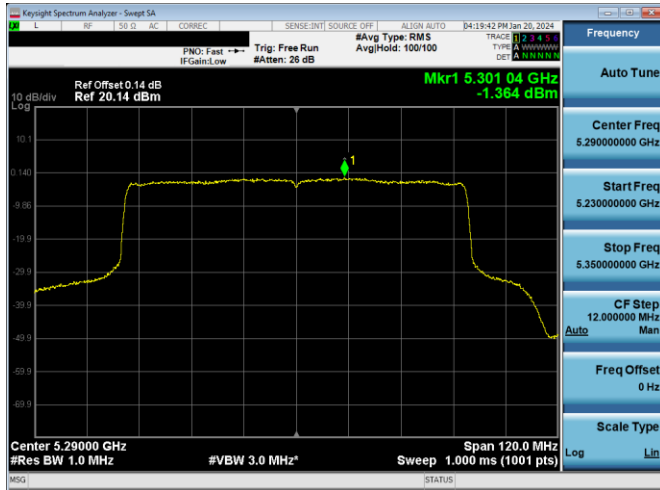
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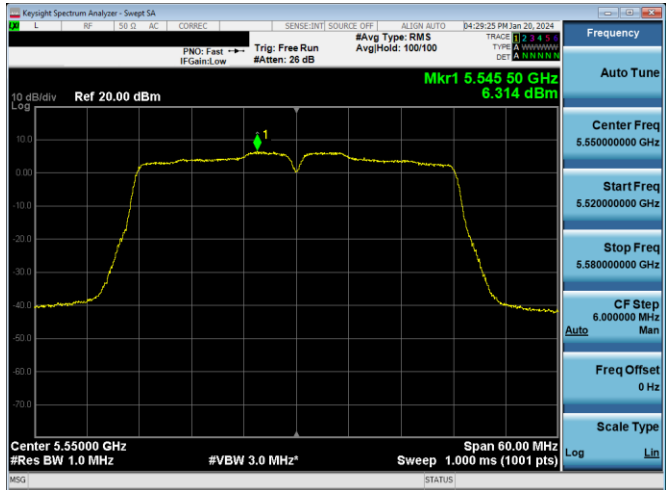
Plot 7-265. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS2)



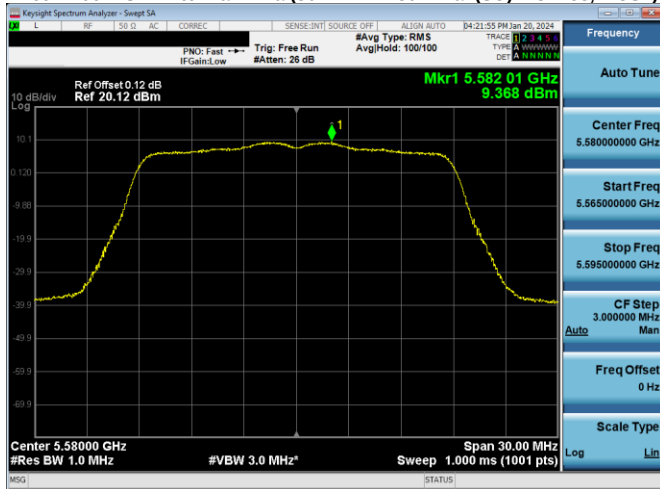
Plot 7-268. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



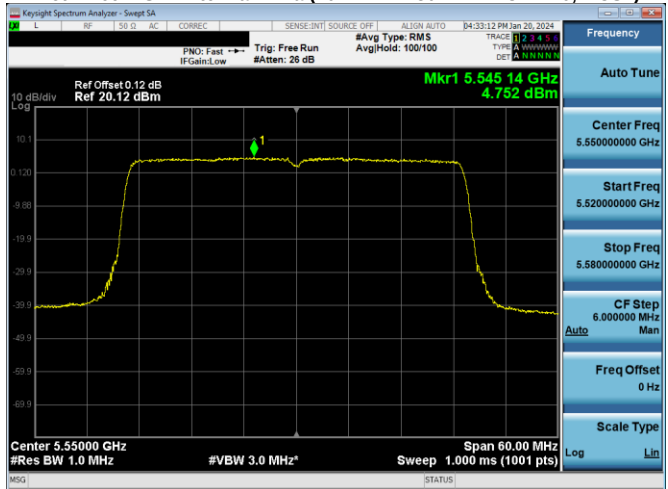
Plot 7-266. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)



Plot 7-269. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS2)



Plot 7-267. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS2)

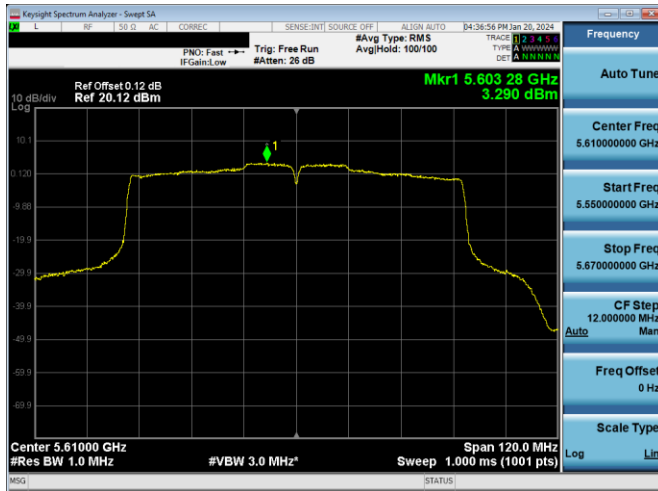


Plot 7-270. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)

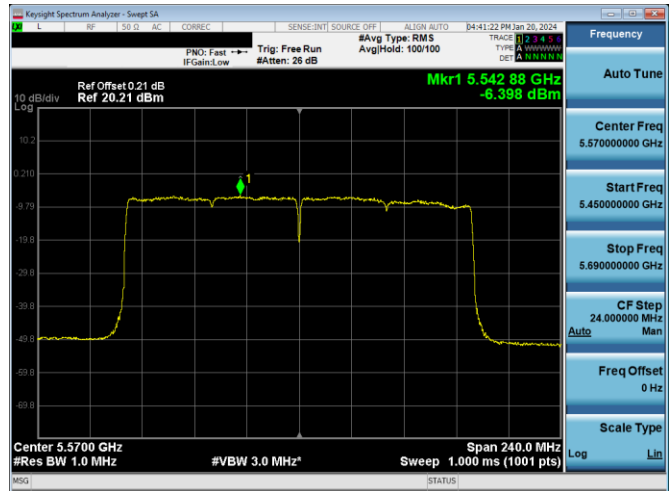
|                                            |                                       |                                       |                                   |
|--------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024 | EUT Type:<br>Tablet Device            | Page 147 of 547                   |

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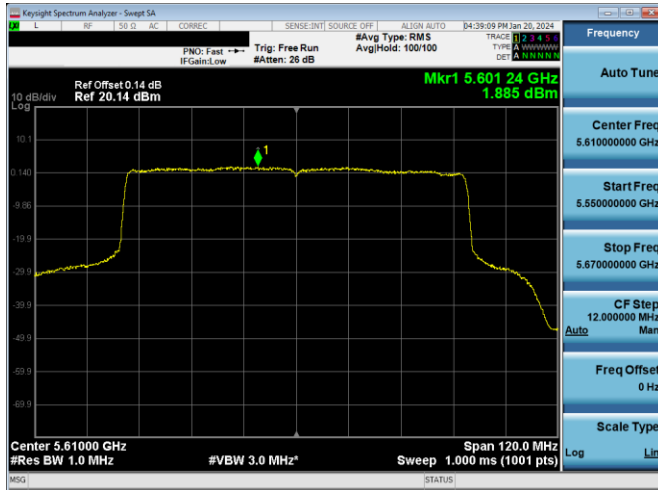
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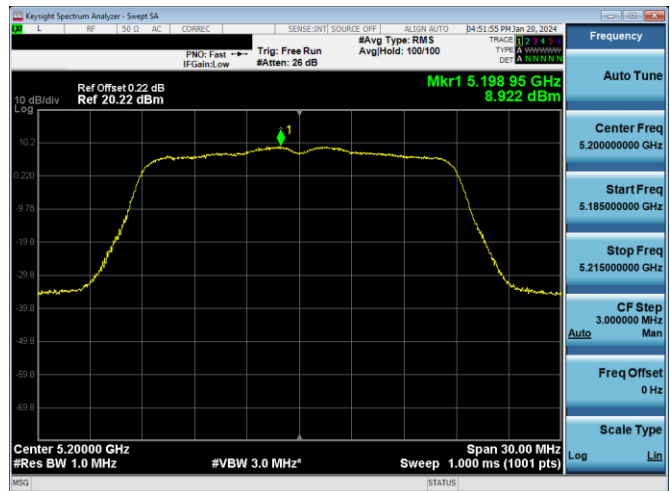
Plot 7-271. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS2)



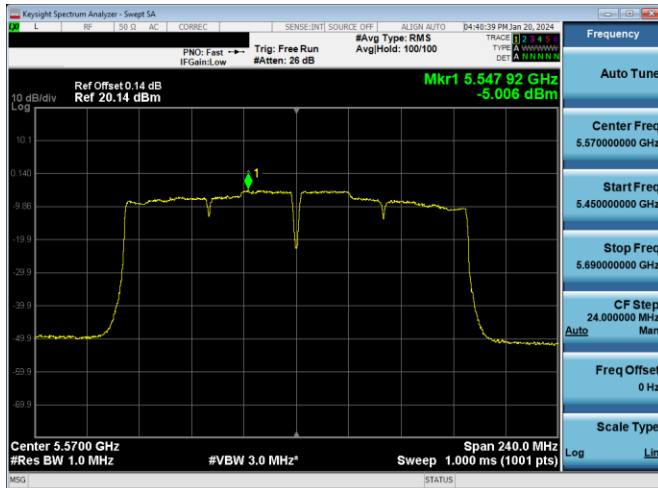
Plot 7-274. PSD Antenna WF7a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



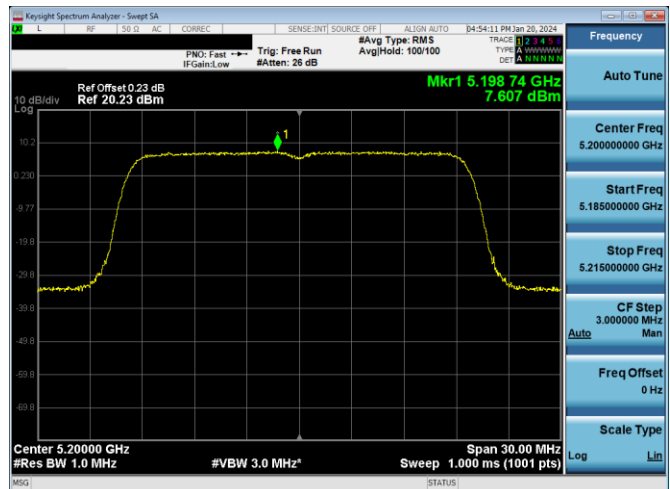
Plot 7-272. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



Plot 7-275. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS4)

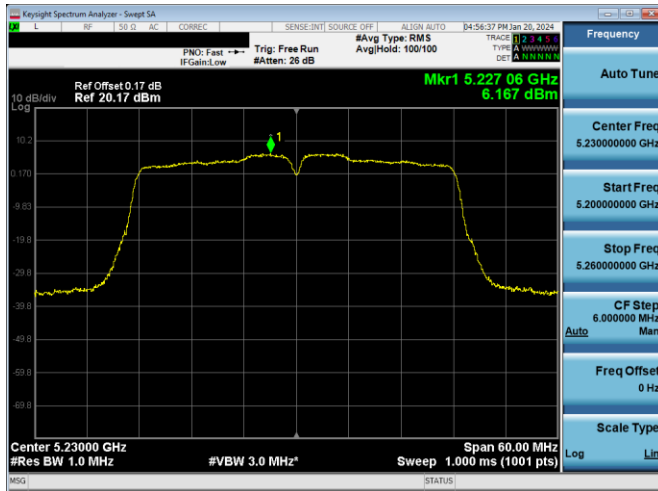


Plot 7-273. PSD Antenna WF7a (160MHz BW 802.11ac – Ch. 114, MCS2)

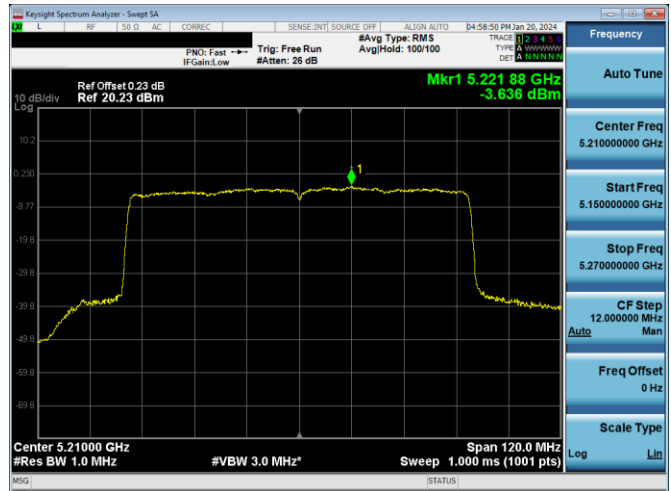


Plot 7-276. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)

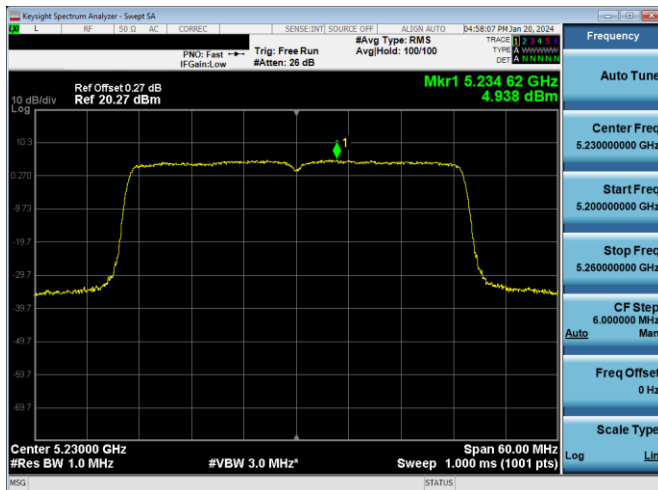
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 148 of 547                   |



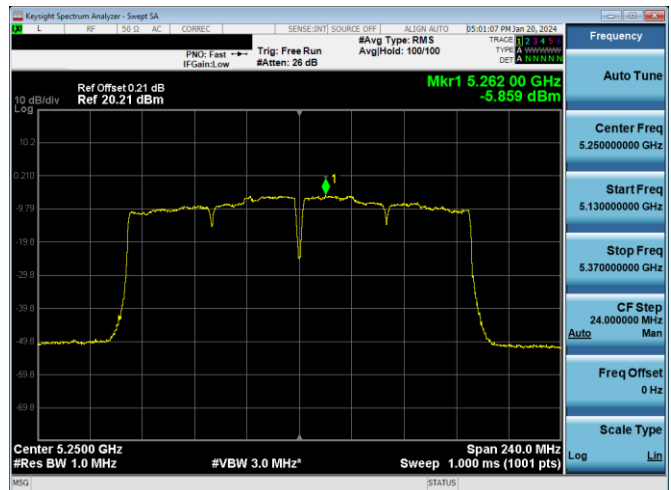
Plot 7-277. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS4)



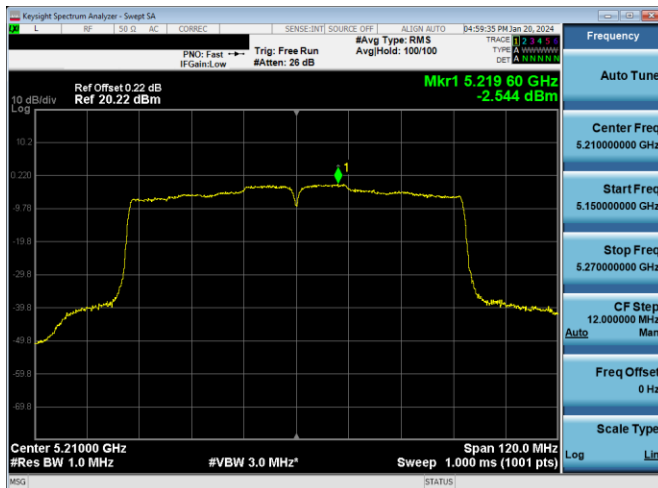
Plot 7-280. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)



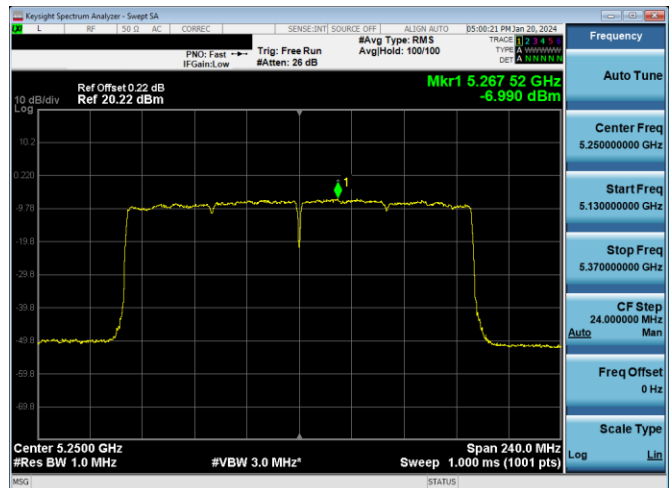
Plot 7-278. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



Plot 7-281. PSD Antenna WF7a (160MHz BW 802.11ac – Ch. 50, MCS4)

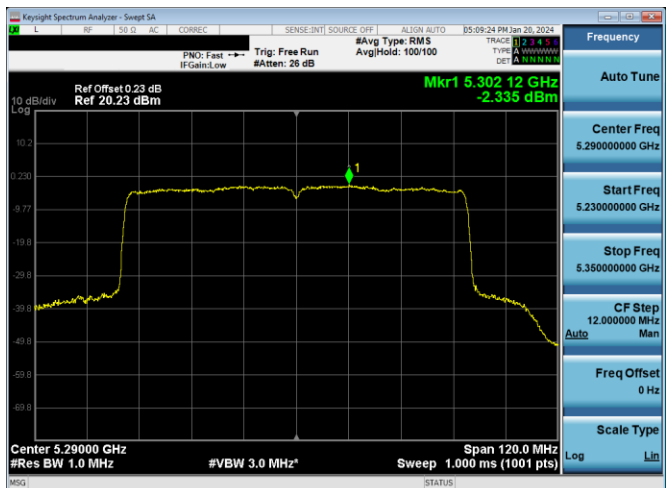
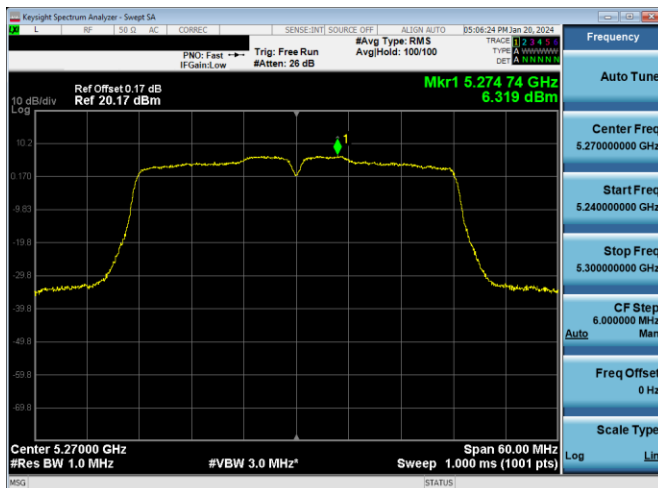
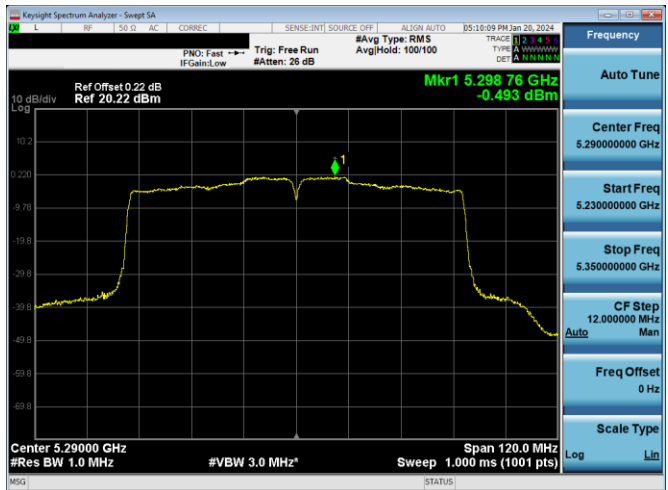
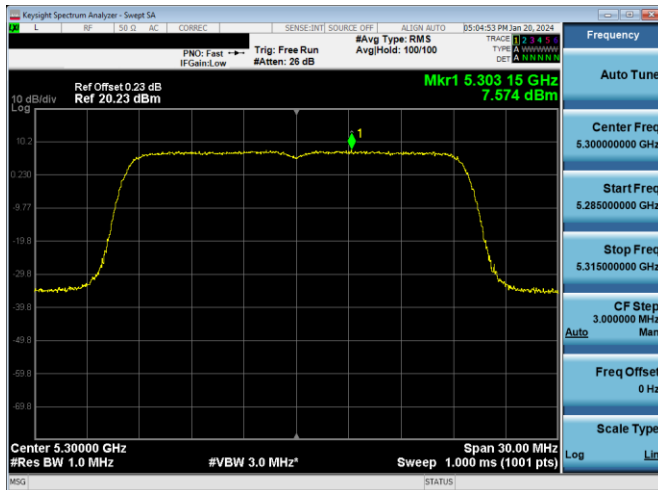
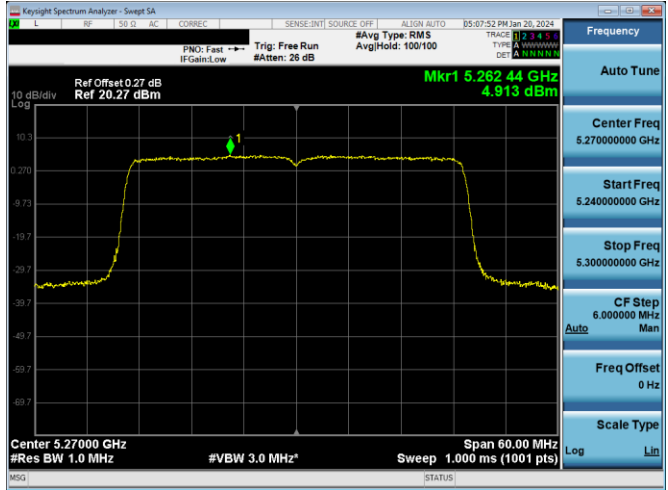
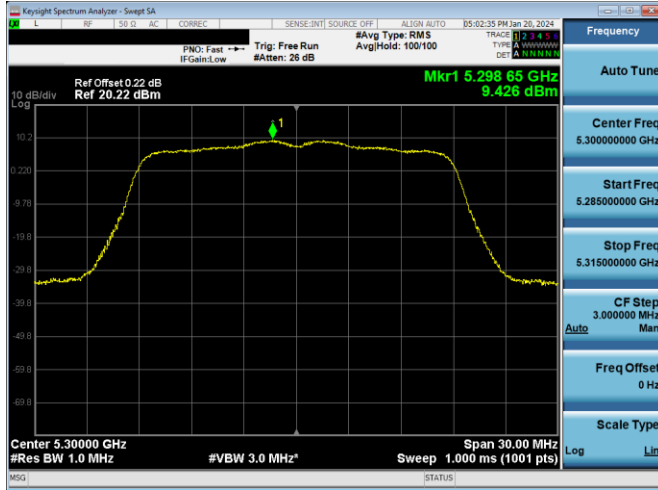


Plot 7-279. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS4)

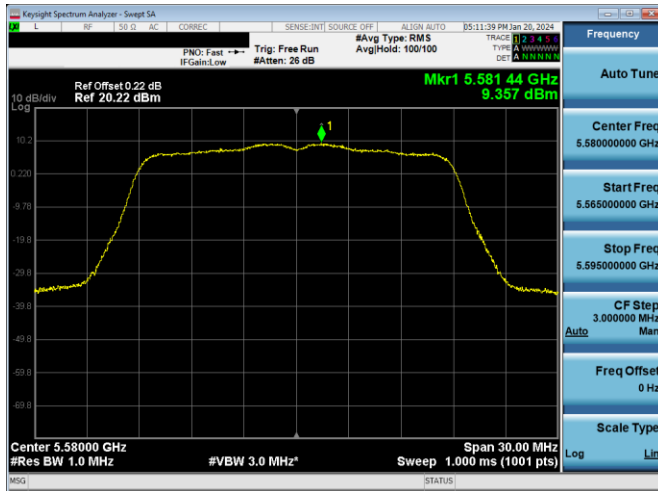


Plot 7-282. PSD Antenna WF7a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)

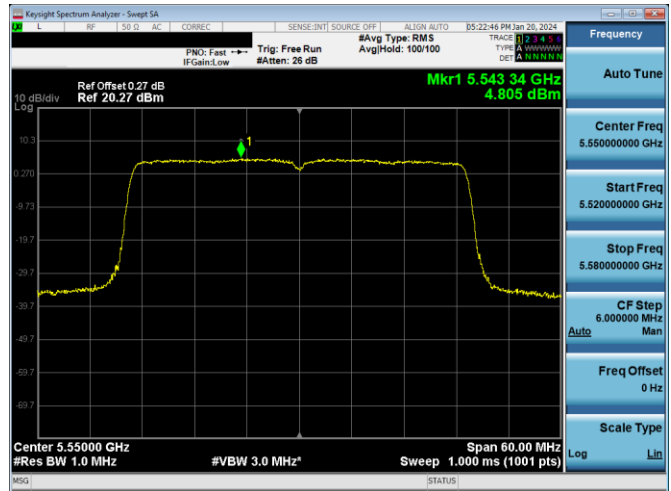
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                               | EUT Type:<br>Tablet Device |                                       | Page 149 of 547                   |



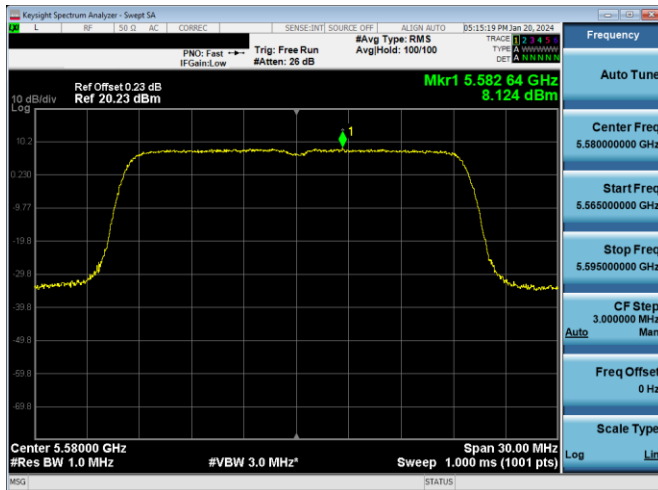
|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                            | EUT Type:<br>Tablet Device | Page 150 of 547                   |



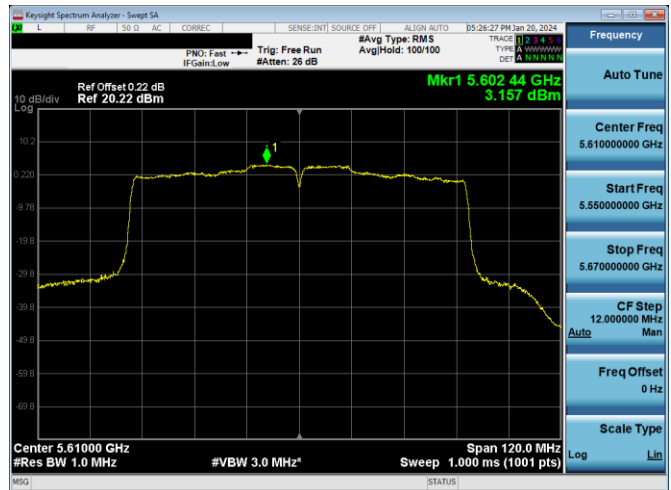
Plot 7-289. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS4)



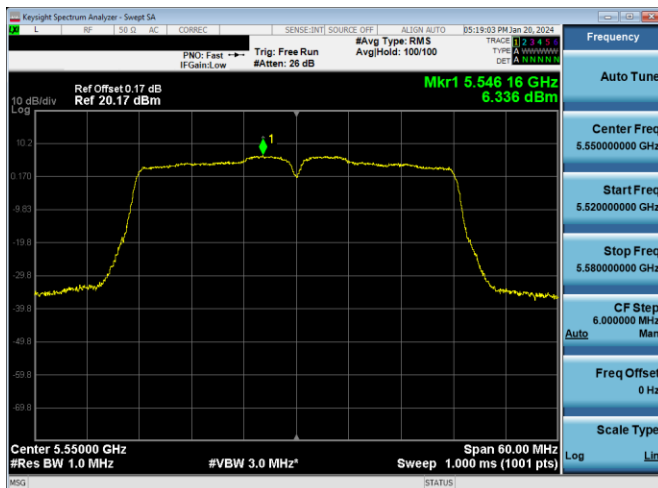
Plot 7-292. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



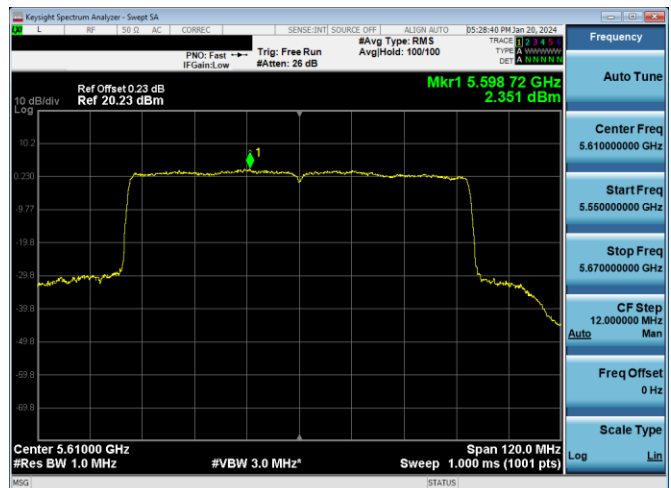
Plot 7-290. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-293. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS4)



Plot 7-291. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS4)



Plot 7-294. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2898<br>IC: 579C-A2898         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270065-11-R1.BCG | Test Dates:<br>11/29/2024 - 1/15/2024                                                                                             | EUT Type:<br>Tablet Device | Page 151 of 547                   |